

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115585.D
 Acq On : 16 Jul 2019 9:33
 Operator : HP/JU
 Sample : PB121365BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121365BS

Manual Integrations
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mohammad
 7/17/2019 12:05:27 PM

Quant Time: Jul 16 15:38:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	173691	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	720814	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	379975	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	692614	20.00	ng	0.00
76) Chrysene-d12	14.04	240	463473	20.00	ng	0.00
87) Perylene-d12	15.51	264	343164	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1146424	107.96	ng	0.02
7) Phenol-d6	6.52	99	1462137	108.52	ng	0.00
23) Nitrobenzene-d5	7.45	82	926190	74.71	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	475297	107.16	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1729087	79.65	ng	0.00
79) Terphenyl-d14	12.99	244	1909293	76.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	194613	36.742	ng	99
3) Pyridine	3.53	79	490288	34.117	ng	100
4) n-Nitrosodimethylamine	3.48	42	217763	41.770	ng	98
6) Aniline	6.55	93	450535	24.027	ng	99
8) 2-Chlorophenol	6.67	128	465159	38.101	ng	95
9) Benzaldehyde	6.43	77	73172	8.690	ng	99
10) Phenol	6.53	94	569735	36.425	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	433243	36.381	ng	98
12) 1,3-Dichlorobenzene	6.83	146	480389	34.998	ng	98
13) 1,4-Dichlorobenzene	6.90	146	488584	35.675	ng	97
14) 1,2-Dichlorobenzene	7.06	146	455435	36.378	ng	96
15) Benzyl Alcohol	7.02	79	403812	37.780	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	568467	36.259	ng	98
17) 2-Methylphenol	7.13	107	397622	37.793	ng	99
18) Hexachloroethane	7.40	117	177118	34.843	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	320842	36.511	ng	99
20) 3+4-Methylphenols	7.29	107	471484	37.727	ng	96
22) Acetophenone	7.29	105	632750	38.857	ng	# 94
24) Nitrobenzene	7.46	77	503370	37.647	ng	97
25) Isophorone	7.70	82	927565	37.393	ng	99
26) 2-Nitrophenol	7.78	139	266176	38.676	ng	95
27) 2,4-Dimethylphenol	7.82	122	441753	42.900	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	589110	38.712	ng	99
29) 2,4-Dichlorophenol	8.02	162	410892	38.368	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	449568	37.138	ng	97
31) Naphthalene	8.19	128	1358055	38.902	ng	97
32) Benzoic acid	7.95	122	343307	40.625	ng	98
33) 4-Chloroaniline	8.23	127	312001	20.177	ng	98
34) Hexachlorobutadiene	8.31	225	253640	36.538	ng	100
35) Caprolactam	8.60	113	128540m	38.842	ng	
36) 4-Chloro-3-methylphenol	8.72	107	434265	39.092	ng	100
37) 2-Methylnaphthalene	8.88	142	916957	39.626	ng	98
38) 1-Methylnaphthalene	8.98	142	862487	39.240	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	424393	37.089	ng	98

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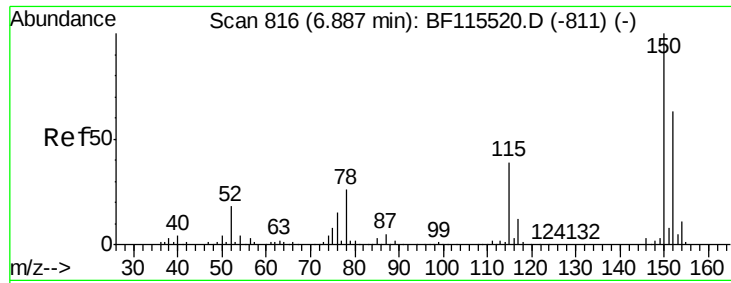
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Quant Time: Jul 16 15:38:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	349845	53.598	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	299924	35.843	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	314666	36.720	ng	99
46) 1,1'-Biphenyl	9.35	154	1122610	37.791	ng	99
47) 2-Chloronaphthalene	9.37	162	885596	35.804	ng	98
48) 2-Nitroaniline	9.46	65	263394	34.405	ng	97
49) Acenaphthylene	9.79	152	1372068	37.436	ng	97
50) Dimethylphthalate	9.65	163	1030831	36.058	ng	99
51) 2,6-Dinitrotoluene	9.70	165	238892	36.770	ng	91
52) Acenaphthene	9.96	154	1000253	42.272	ng	99
53) 3-Nitroaniline	9.87	138	185597	24.999	ng	97
54) 2,4-Dinitrophenol	9.98	184	269528	80.803	ng	93
55) Dibenzofuran	10.13	168	1277454	38.015	ng	99
56) 4-Nitrophenol	10.03	139	394387	69.662	ng	99
57) 2,4-Dinitrotoluene	10.10	165	333434	39.614	ng	99
58) Fluorene	10.47	166	933408	38.855	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	289541	40.418	ng	99
60) Diethylphthalate	10.35	149	1060496	39.592	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	481727	36.161	ng	98
62) 4-Nitroaniline	10.49	138	249879	35.088	ng	100
63) Azobenzene	10.62	77	1006580	38.742	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	171560	40.542	ng	98
66) n-Nitrosodiphenylamine	10.58	169	868728	40.322	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	302724	38.247	ng	99
68) Hexachlorobenzene	11.02	284	353517	39.111	ng	95
69) Atrazine	11.10	200	258210	36.533	ng	99
70) Pentachlorophenol	11.22	266	403673	73.018	ng	99
71) Phenanthrene	11.43	178	1365306	38.456	ng	98
72) Anthracene	11.49	178	1386666	37.793	ng	100
73) Carbazole	11.63	167	1242404	38.614	ng	99
74) Di-n-butylphthalate	11.96	149	1505176	37.979	ng	99
75) Fluoranthene	12.62	202	1415991	37.743	ng	100
77) Benzidine	12.73	184	304676	18.557	ng	99
78) Pyrene	12.85	202	1415446	36.047	ng	98
80) Butylbenzylphthalate	13.46	149	662540	39.580	ng	98
81) Benzo(a)anthracene	14.03	228	1135442	37.187	ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	348026	32.063	ng	99
83) Chrysene	14.07	228	1192192	38.895	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	839234	40.475	ng	98
85) Di-n-octyl phthalate	14.63	149	1367210	41.442	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	933937	35.864	ng	99
88) Benzo(b)fluoranthene	15.08	252	1058255	47.891	ng	100
89) Benzo(k)fluoranthene	15.12	252	966347	49.051	ng	97
90) Benzo(a)pyrene	15.45	252	931874	49.066	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	792159	47.511	ng	99
92) Benzo(g,h,i)perylene	17.43	276	725750	43.645	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

PB121365BS

Tot Ion: 152 Resp: 173691

Ion Ratio Lower Upper

152 100

150 158.4 129.7 194.5

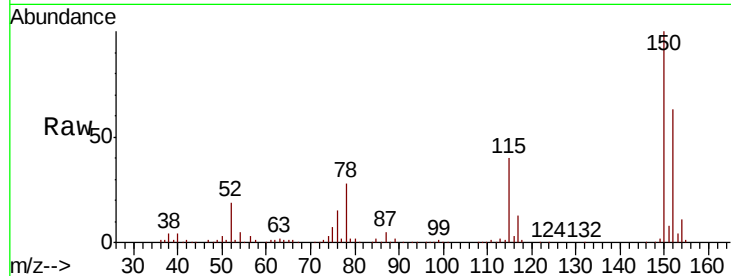
115 63.2 48.2 72.4

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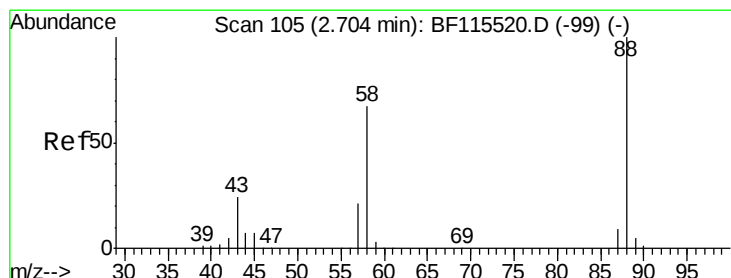
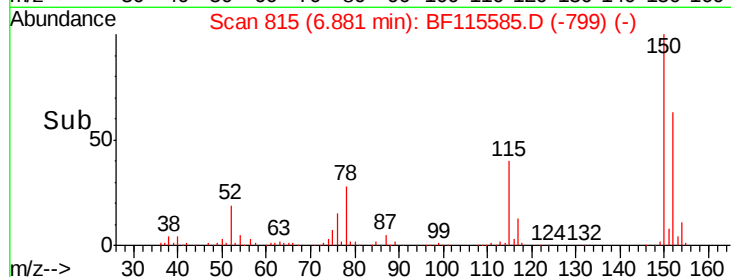
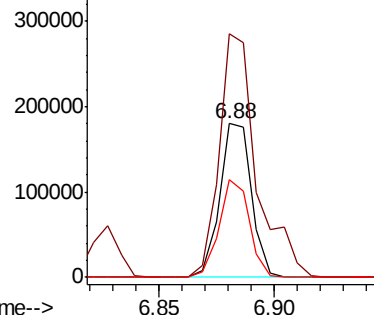
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.742 ng

RT: 2.79 min Scan# 119

Delta R.T. 0.08 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

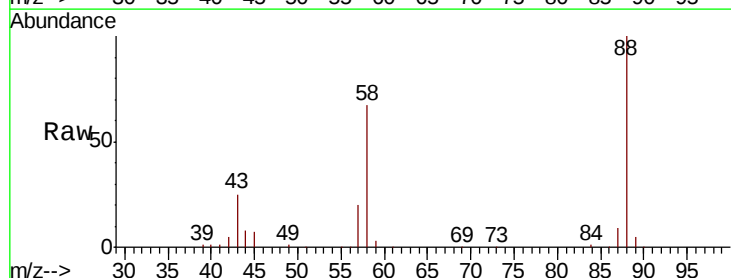
Tgt Ion: 88 Resp: 194613

Ion Ratio Lower Upper

88 100

58 66.4 52.6 79.0

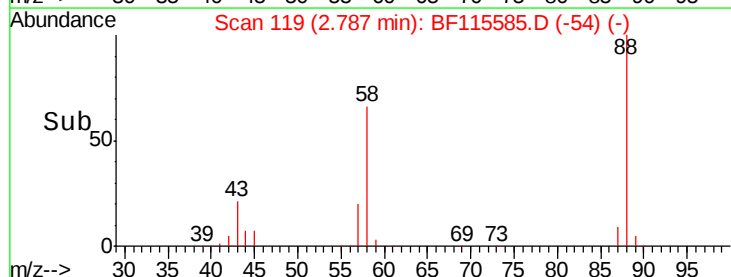
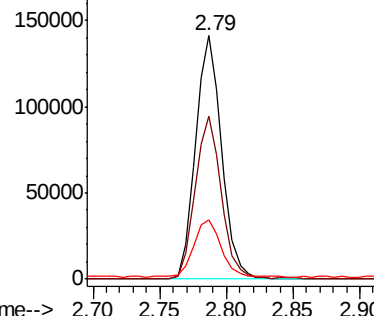
43 24.4 19.1 28.7

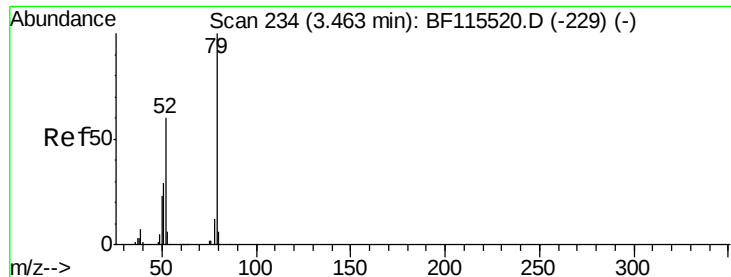


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.117 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.06 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

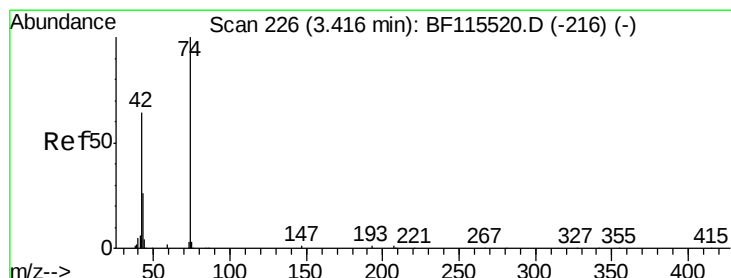
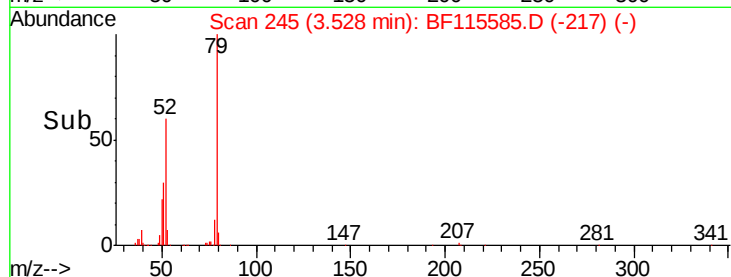
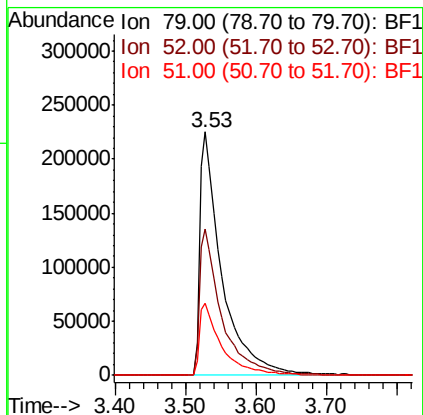
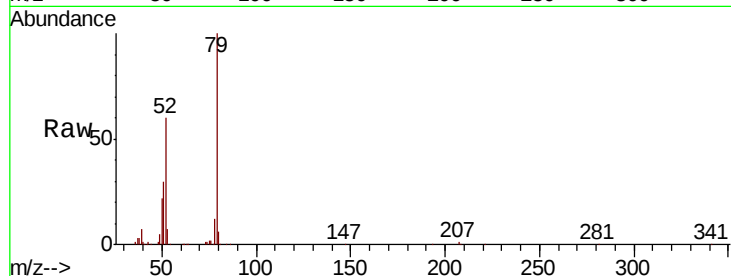
ClientSampleId :

PB121365BS

Tot Ion:	79	Resp:	490288
Ion Ratio	Lower	Upper	
79	100		
52	60.0	47.8	71.6
51	29.5	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 41.770 ng

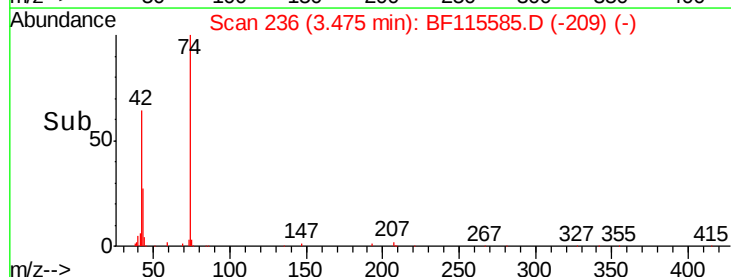
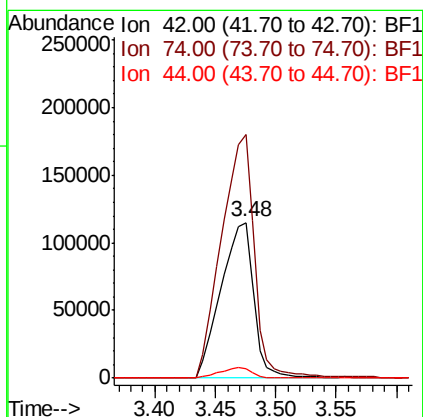
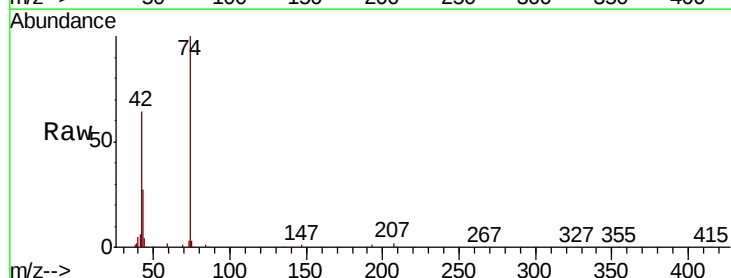
RT: 3.48 min Scan# 236

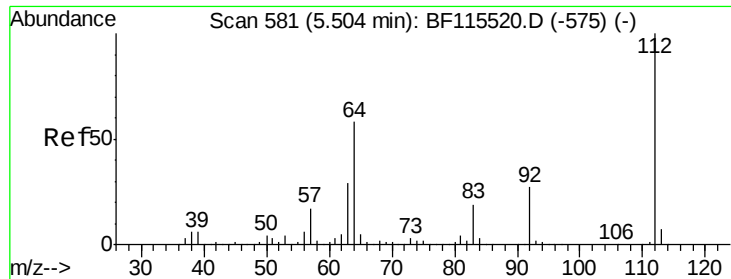
Delta R.T. 0.06 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Tgt Ion:	42	Resp:	217763
Ion Ratio	Lower	Upper	
42	100		
74	156.4	127.5	191.3
44	6.2	5.0	7.6





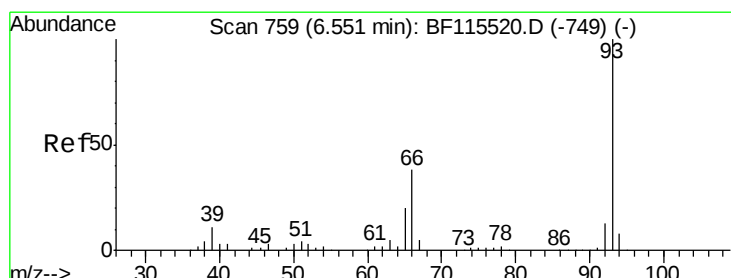
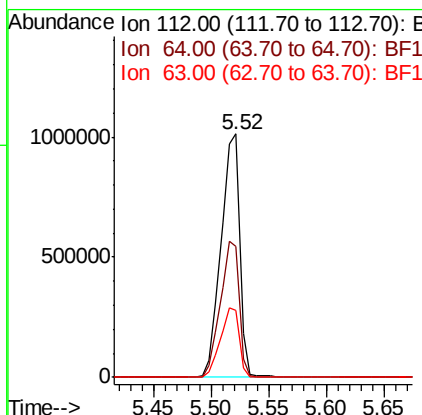
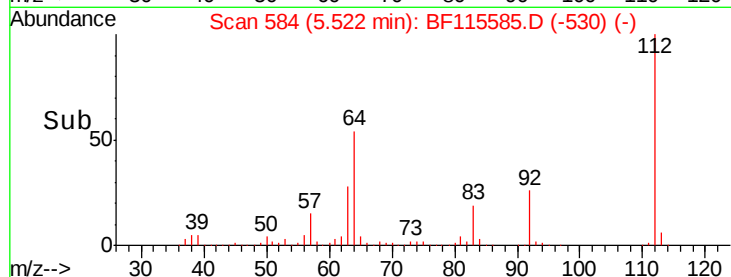
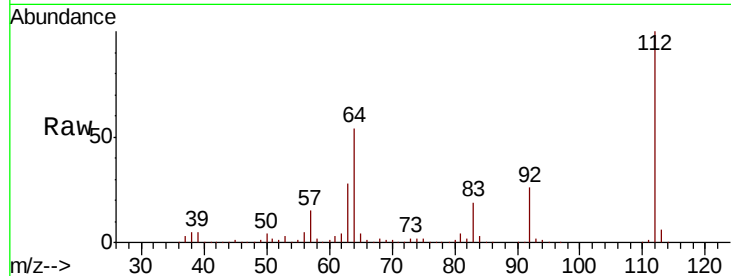
#5
2-Fluorophenol
Concen: 107.963 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleID :
PB121365BS

Tot Ion: 112 Resp: 1146424
Ion Ratio Lower Upper
112 100
64 53.9 46.8 70.2
63 27.6 24.1 36.1

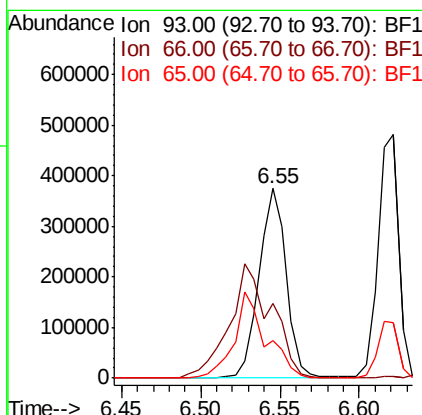
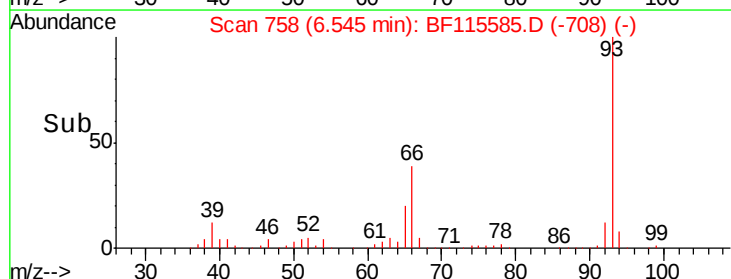
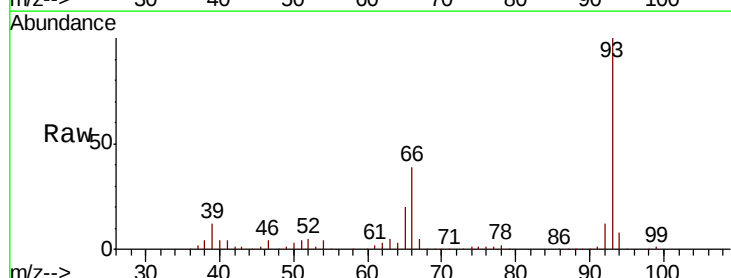
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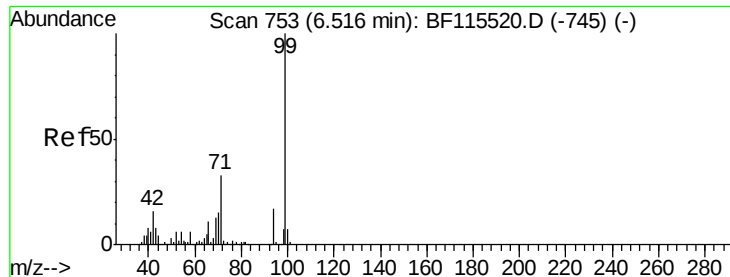
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#6
Aniline
Concen: 24.027 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion: 93 Resp: 450535
Ion Ratio Lower Upper
93 100
66 39.3 31.7 47.5
65 19.8 16.2 24.2





#7

Phenol-d6

Concen: 108.516 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

PB121365BS

Tot Ion: 99 Resp: 1462137

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

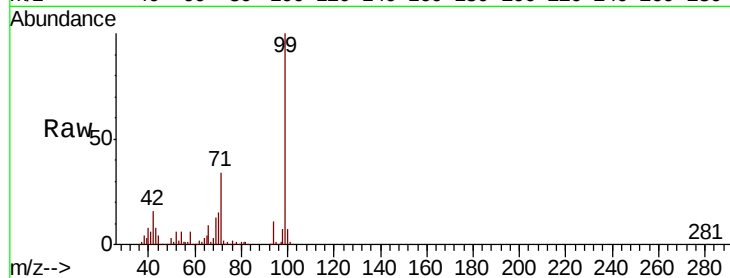
71 34.4 28.5 42.7

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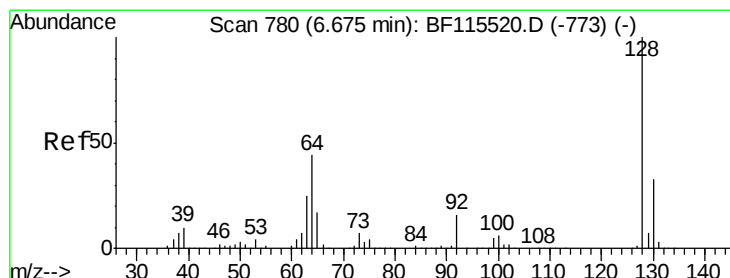
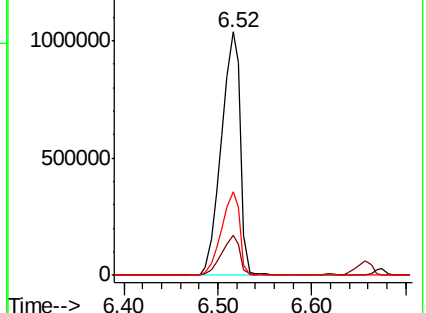
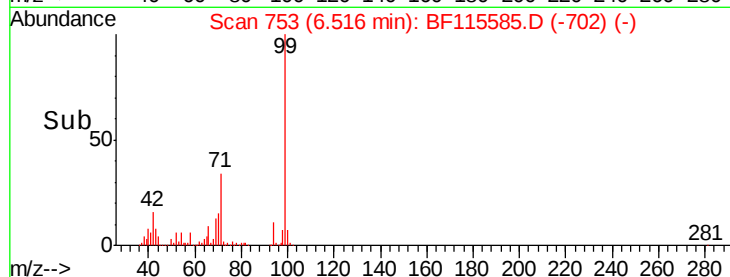
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.101 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

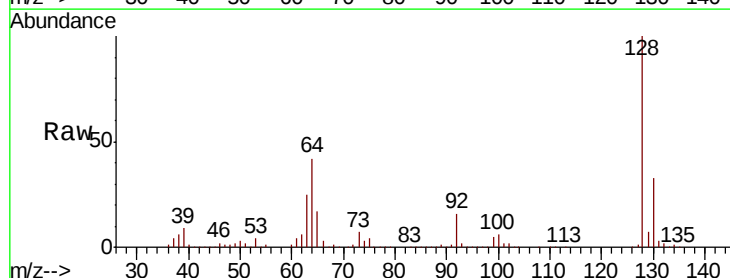
Tgt Ion:128 Resp: 465159

Ion Ratio Lower Upper

128 100

130 33.3 12.8 52.8

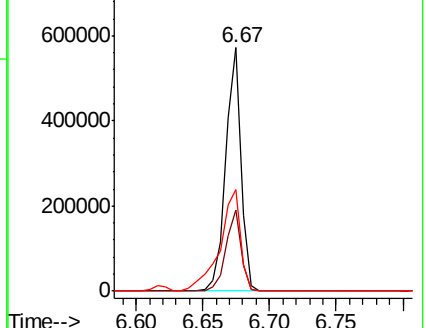
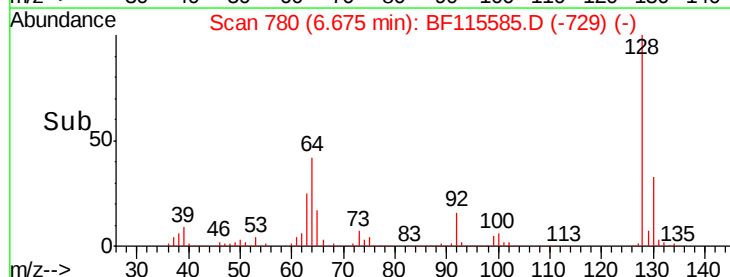
64 41.9 26.8 66.8

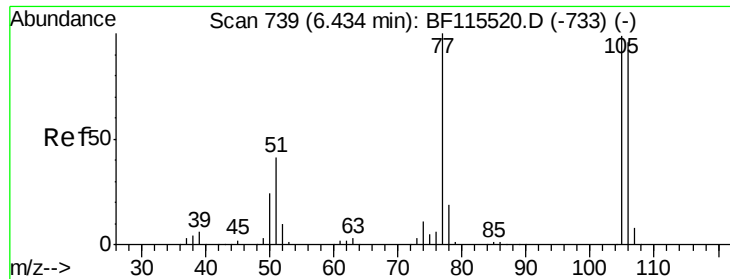


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.690 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

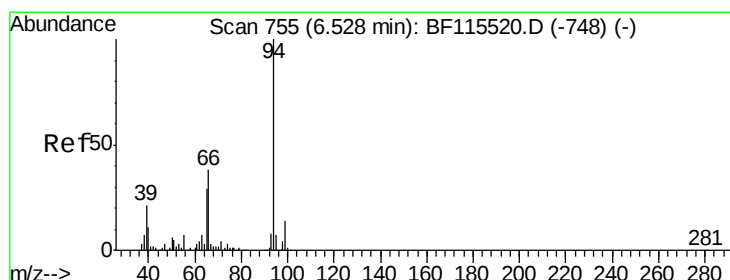
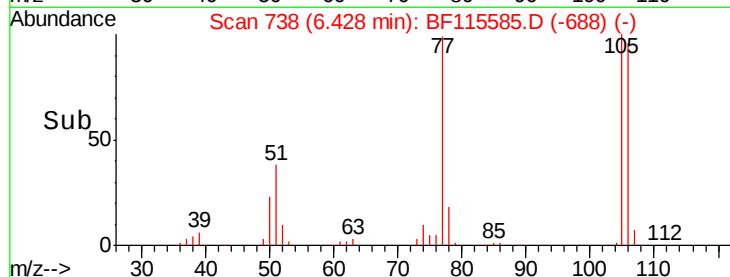
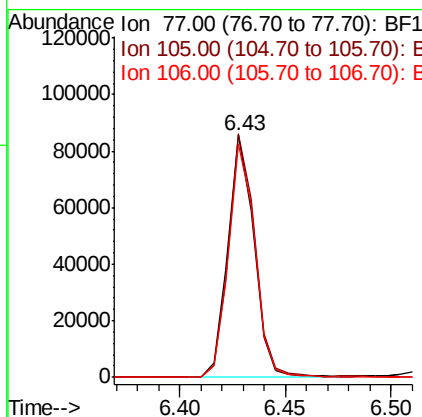
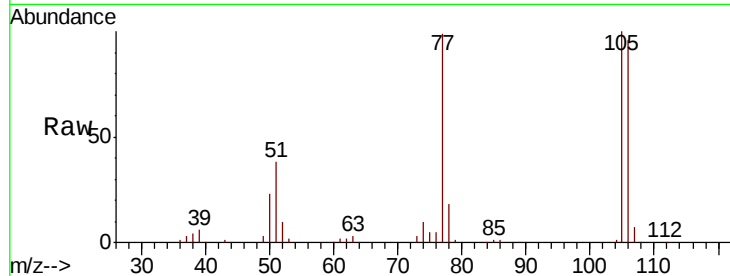
ClientSampleId :

PB121365BS

Tot Ion:	77	Resp:	73172
Ion	Ratio	Lower	Upper
77	100		
105	100.5	78.8	118.8
106	96.3	75.6	115.6

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#10

Phenol

Concen: 36.425 ng

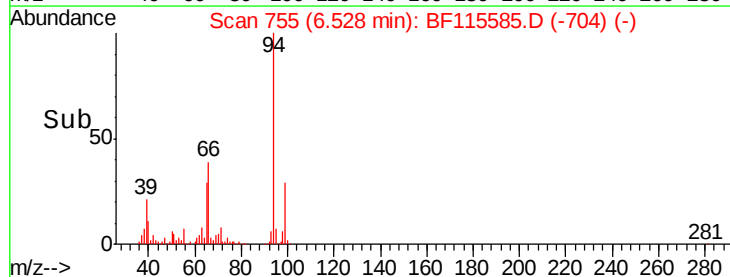
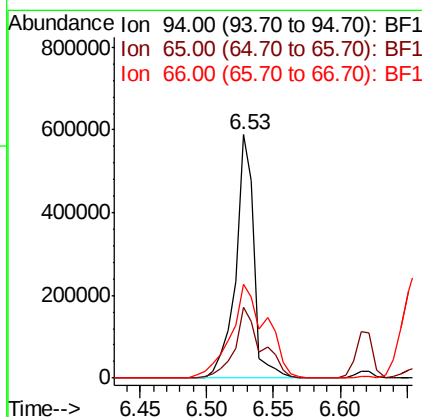
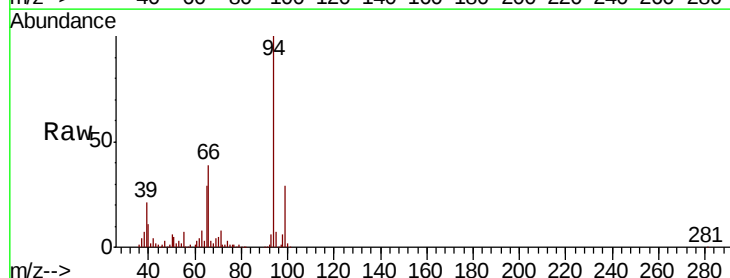
RT: 6.53 min Scan# 755

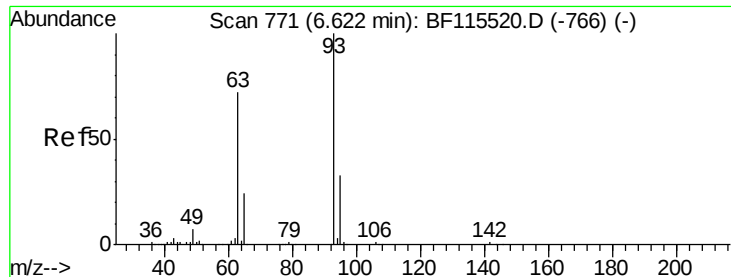
Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Tgt Ion:	94	Resp:	569735
Ion	Ratio	Lower	Upper
94	100		
65	28.9	14.5	54.5
66	38.5	31.3	71.3





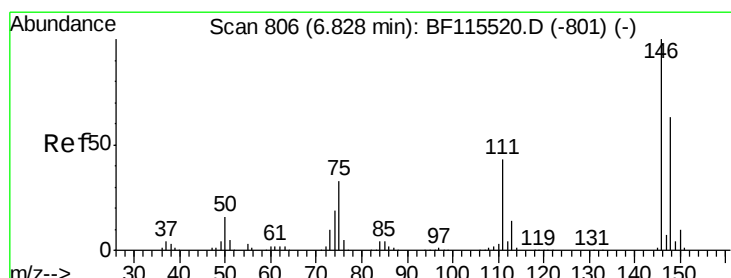
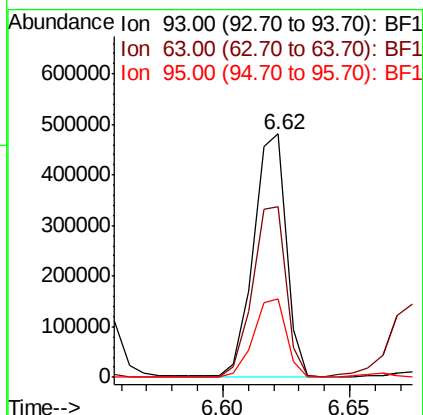
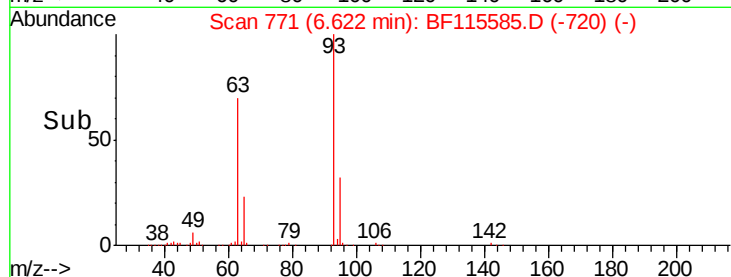
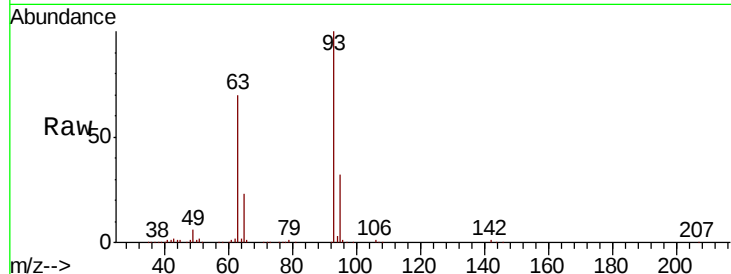
#11
bis(2-Chloroethyl)ether
Concen: 36.381 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	52.2	92.2
95	32.3	12.9	52.9

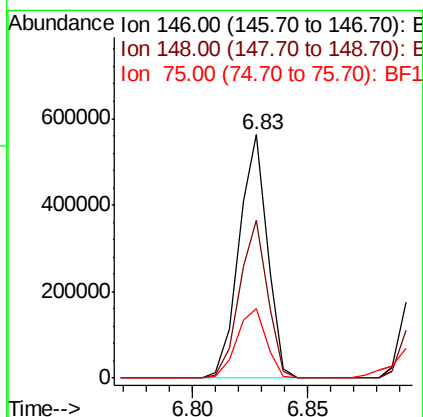
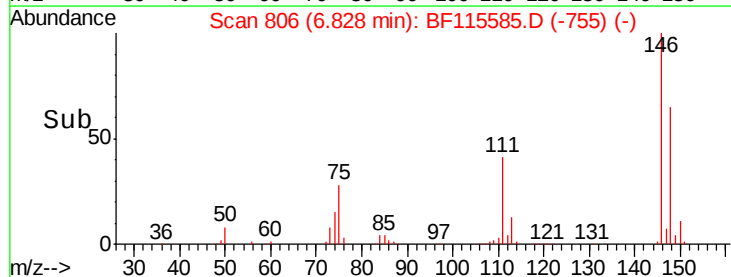
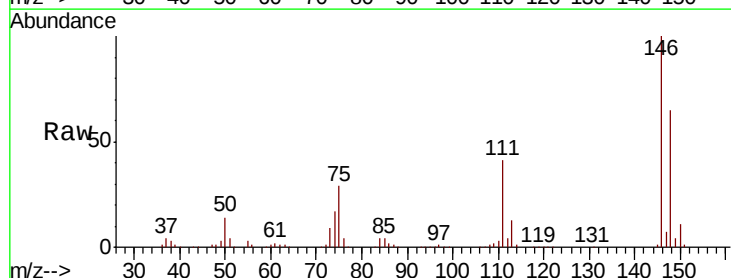
Manual Integrations
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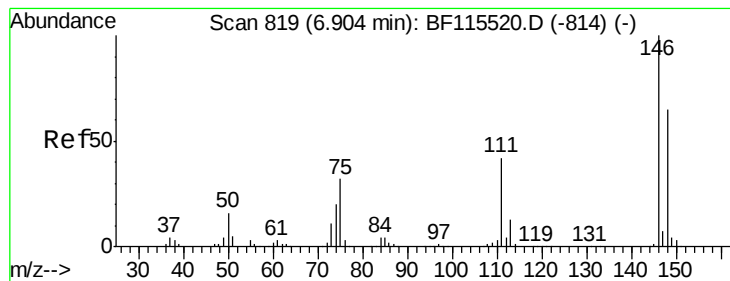
mohammad
7/17/2019 12:05:27 PM



#12
1,3-Dichlorobenzene
Concen: 34.998 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	28.7	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 35.675 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

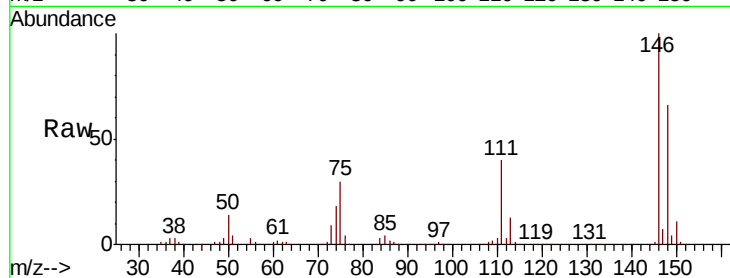
ClientSampleId :

PB121365BS

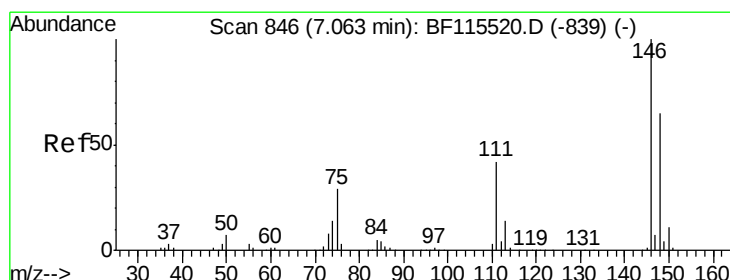
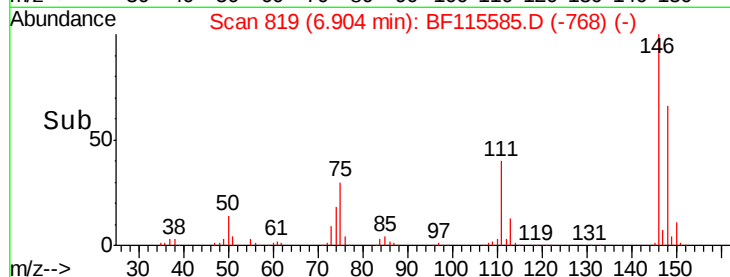
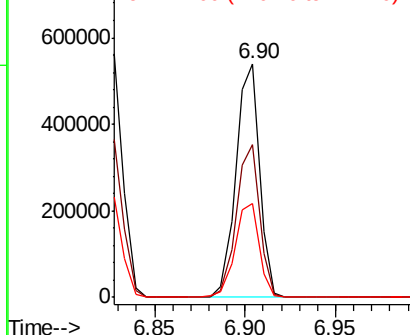
Tot Ion:	146	Resp:	488584
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.8	77.6
111	40.2	35.5	53.3

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.378 ng

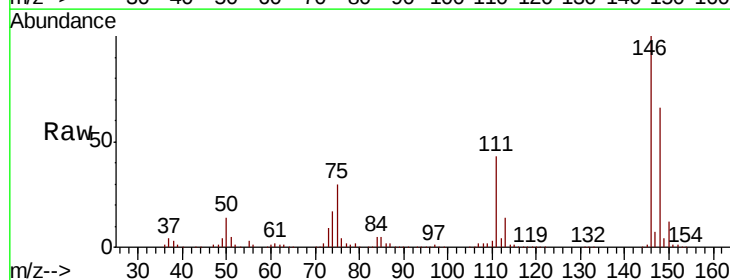
RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

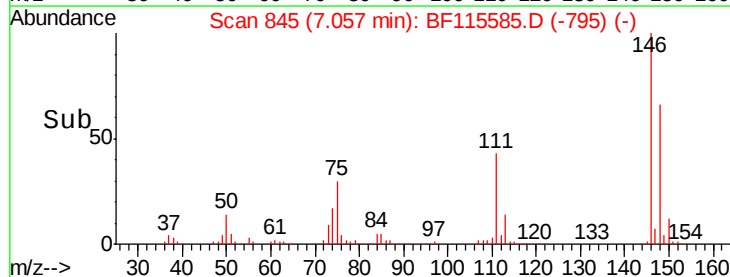
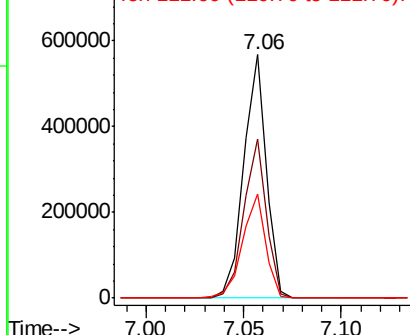
Lab File: BF115585.D

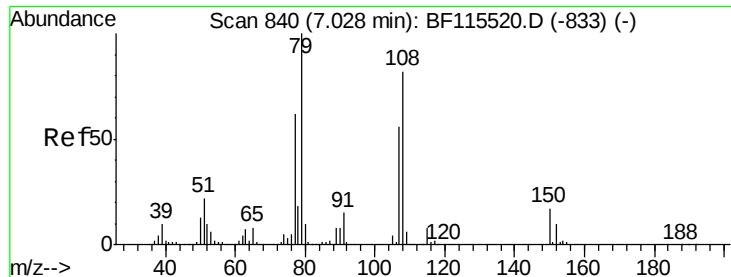
Acq: 16 Jul 2019 9:33

Tgt Ion:	146	Resp:	455435
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.1	76.7
111	42.6	37.6	56.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.780 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

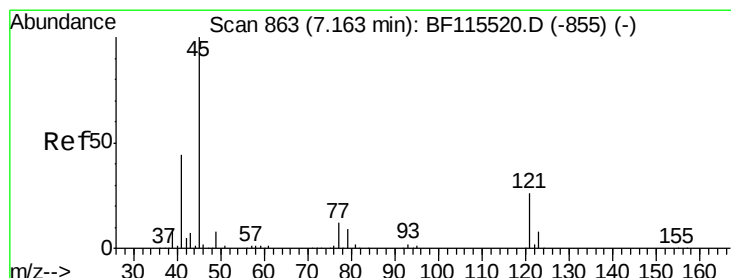
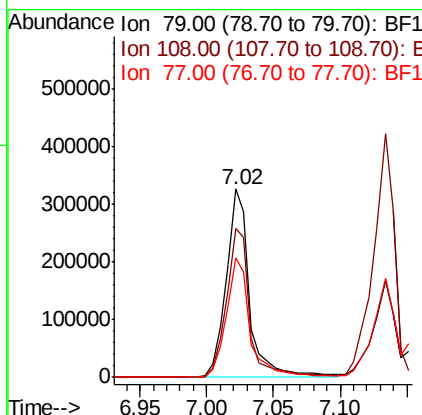
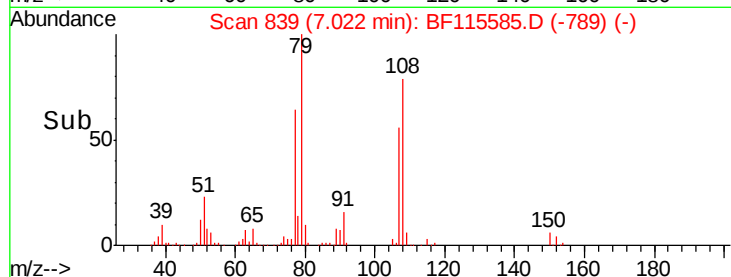
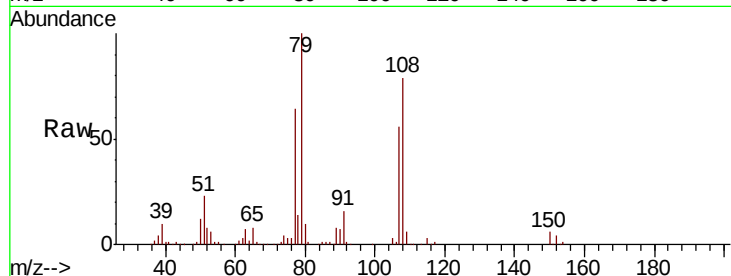
ClientSampled :

PB121365BS

Tot Ion:	79	Resp:	403812
Ion Ratio	Lower	Upper	
79	100		
108	79.2	64.2	96.4
77	63.5	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.259 ng

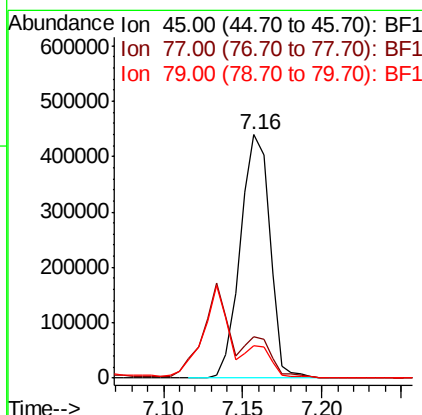
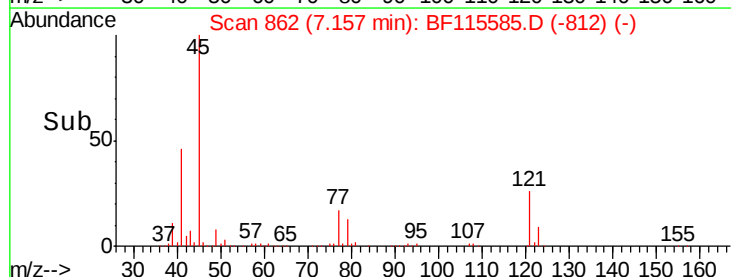
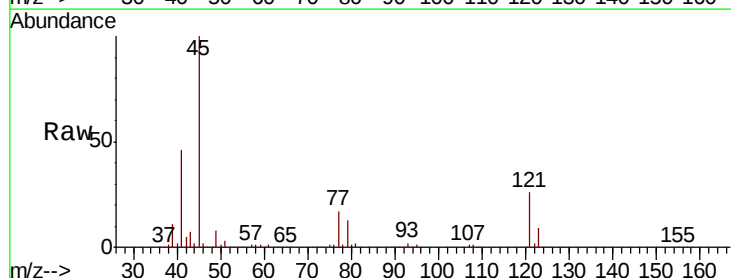
RT: 7.16 min Scan# 862

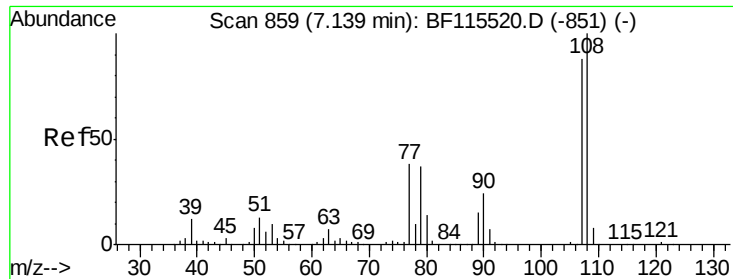
Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Tgt Ion:	45	Resp:	568467
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	38.1
79	13.4	0.0	34.1





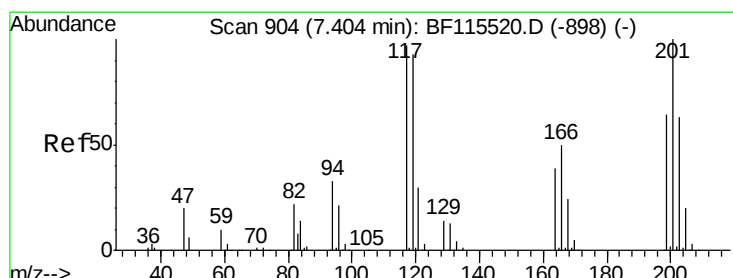
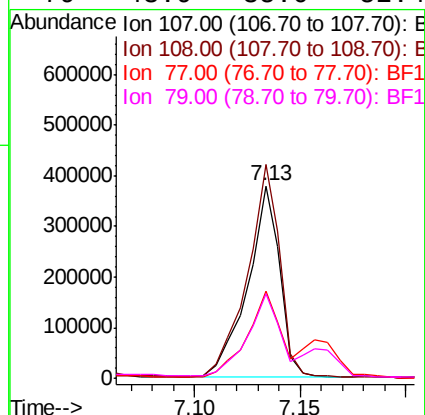
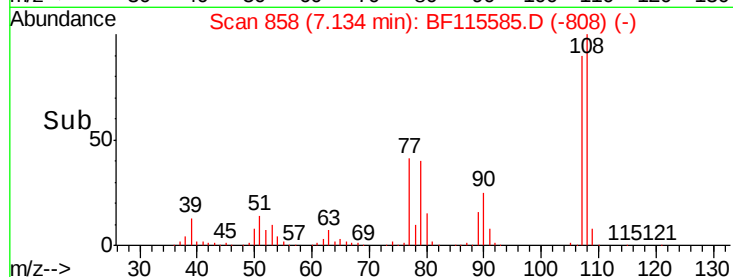
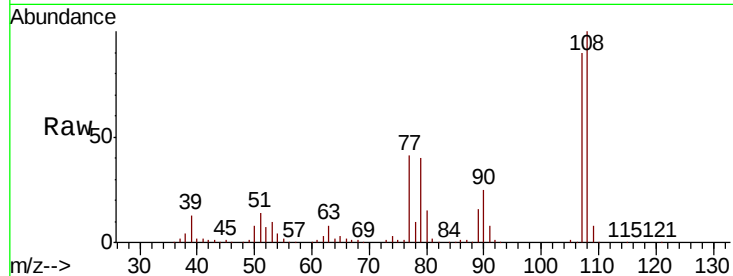
#17
2-Methylphenol
Concen: 37.793 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	89.4	134.2	
77	45.1	35.7	53.5	
79	43.9	35.0	52.4	

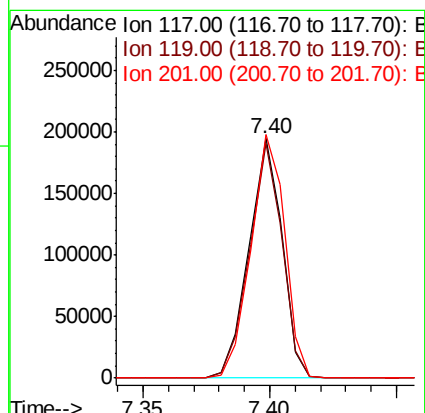
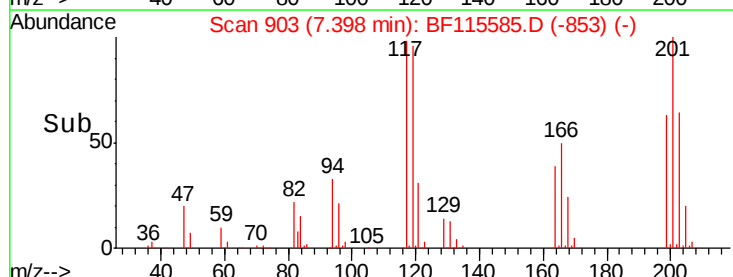
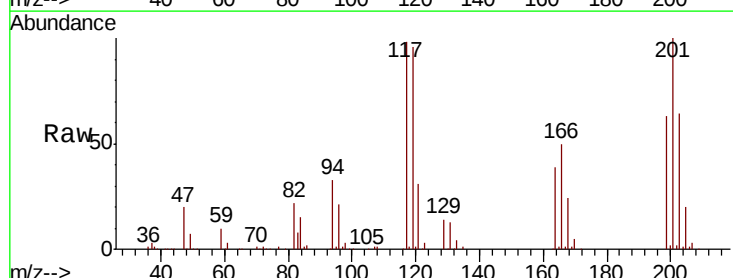
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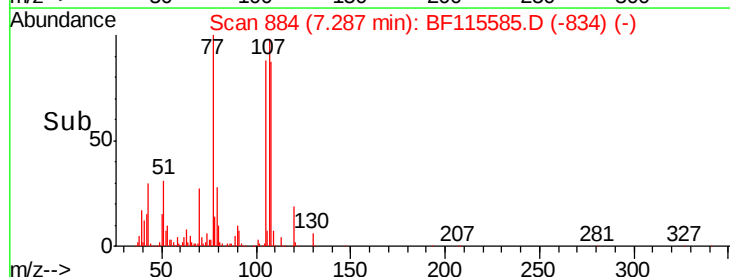
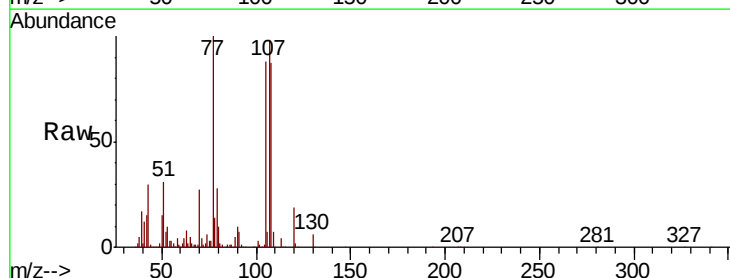
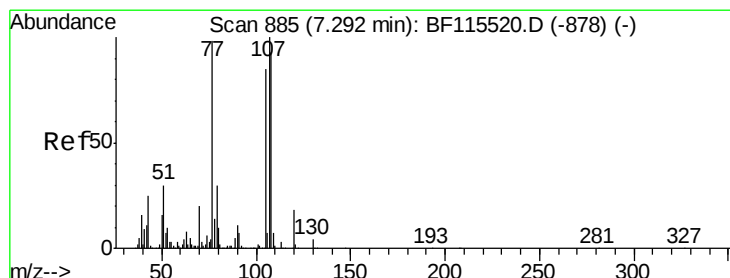
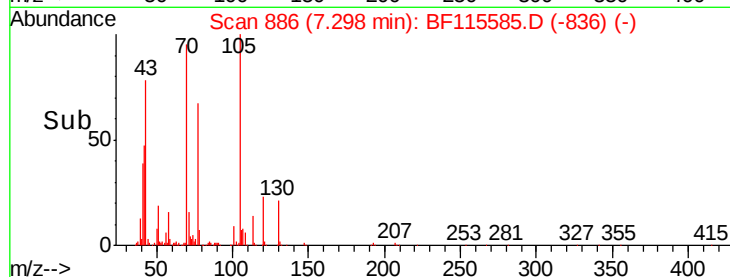
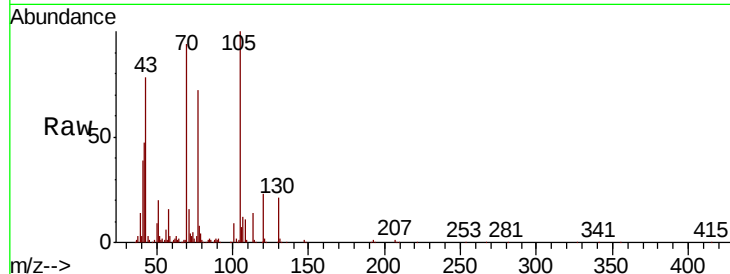
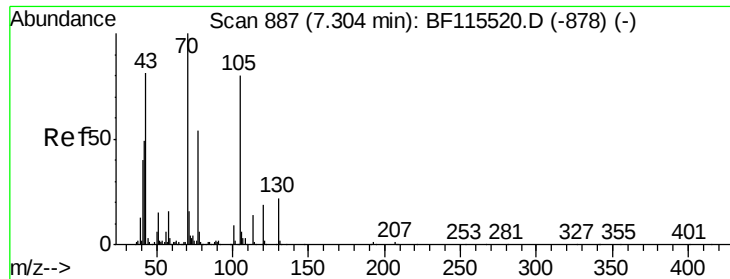
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#18
Hexachloroethane
Concen: 34.843 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	77.7	116.5	
201	101.7	86.0	129.0	





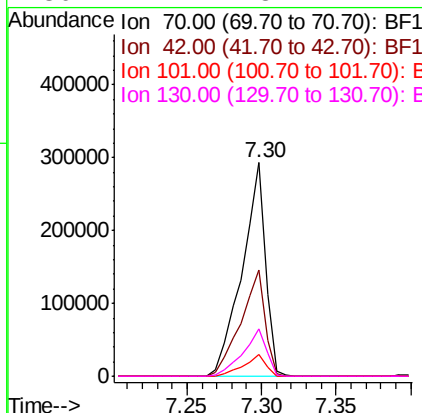
#19
n-Nitroso-di-n-propylamine
Concen: 36.511 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.0	39.6	59.4
101	9.9	8.1	12.1
130	22.4	18.2	27.2

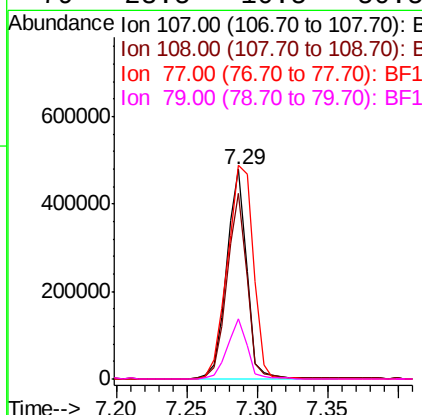
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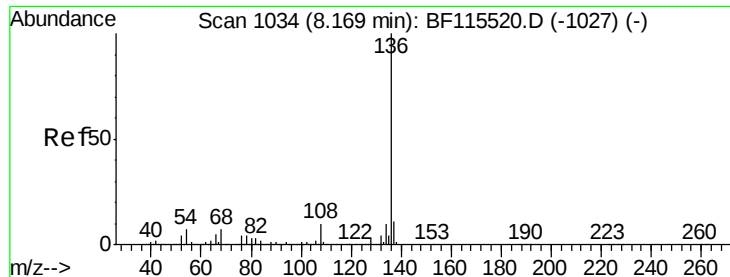
mohammad
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#20
3+4-Methylphenols
Concen: 37.727 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	72.9	112.9
77	101.9	77.6	117.6
79	28.5	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

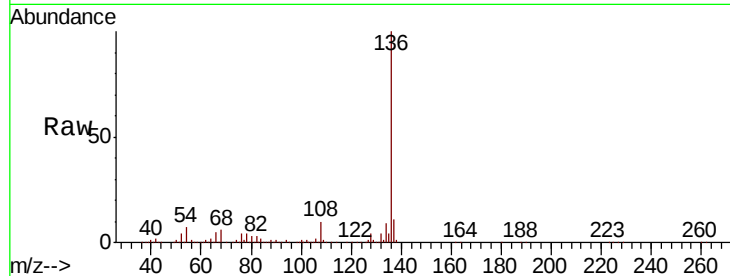
ClientSampleId :

PB121365BS

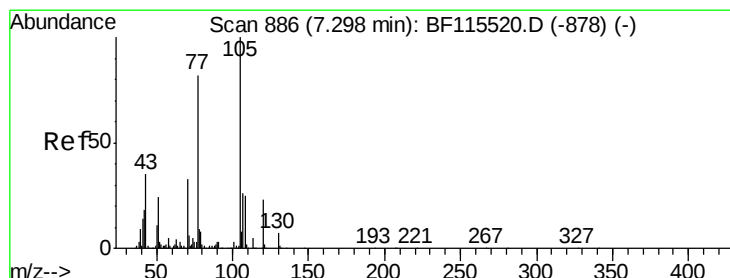
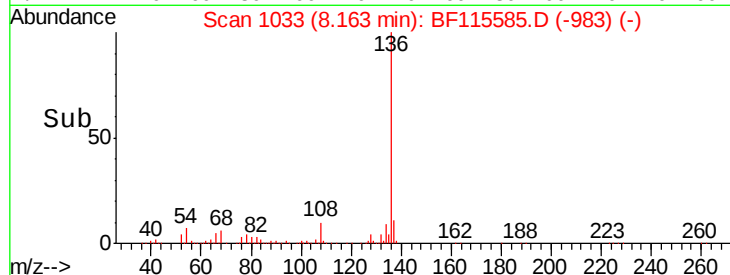
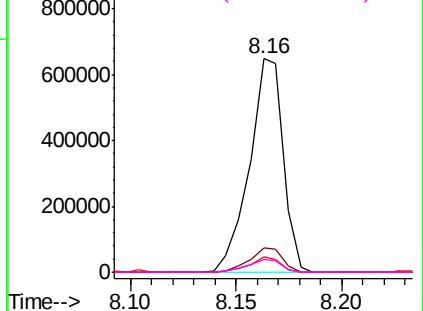
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		720814		
137	11.2		9.0	13.4	
54	7.0		5.6	8.4	
68	6.3		5.0	7.6	

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Abundance Ion 136.00 (135.70 to 136.70): E
1000000 Ion 137.00 (136.70 to 137.70): E
800000 Ion 54.00 (53.70 to 54.70): BF1
600000 Ion 68.00 (67.70 to 68.70): BF1
400000
200000
0



#22

Acetophenone

Concen: 38.857 ng

RT: 7.29 min Scan# 885

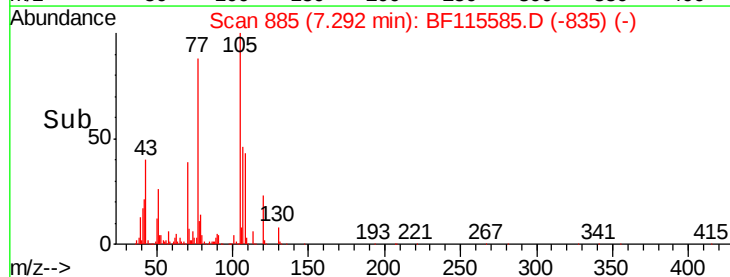
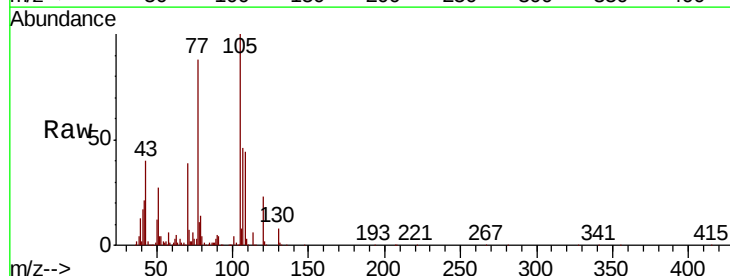
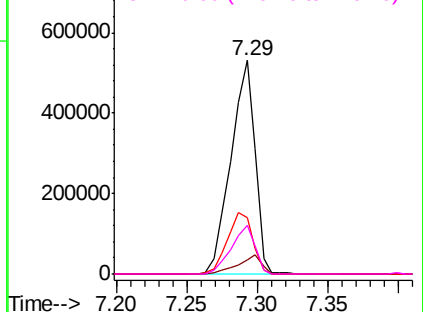
Delta R.T. -0.01 min

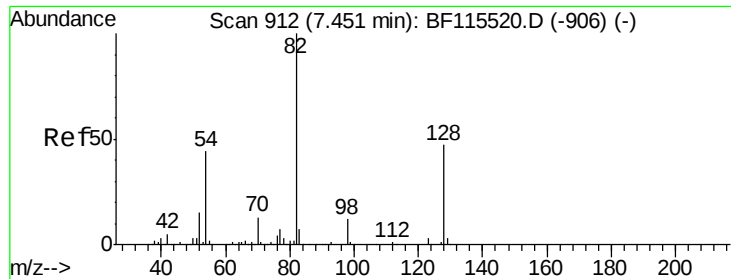
Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		632750		
71	6.8		3.5	5.3#	
51	26.6		25.6	38.4	
120	22.5		17.9	26.9	

Abundance Ion 105.00 (104.70 to 105.70): E
800000 Ion 71.00 (70.70 to 71.70): BF1
600000 Ion 51.00 (50.70 to 51.70): BF1
400000 Ion 120.00 (119.70 to 120.70): E
200000
0





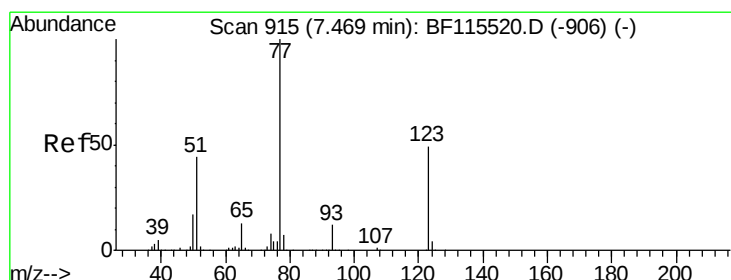
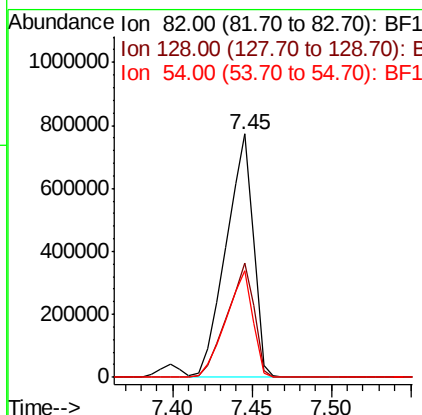
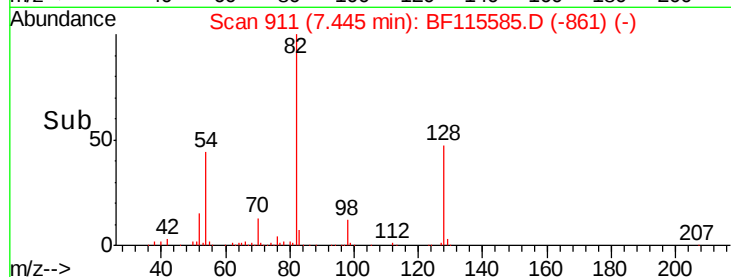
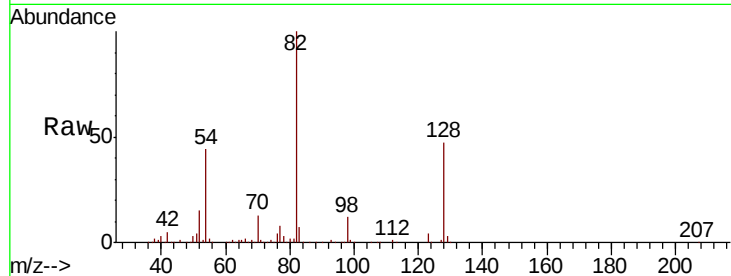
#23
Nitrobenzene-d5
Concen: 74.714 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleID :
PB121365BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	926190		
128	47.2	38.6	57.8	
54	43.8	35.6	53.4	

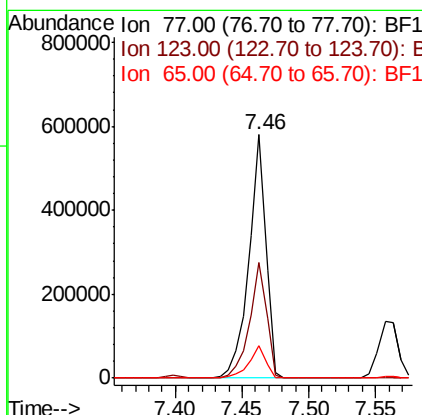
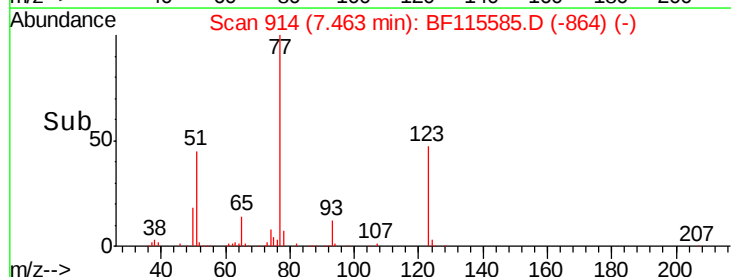
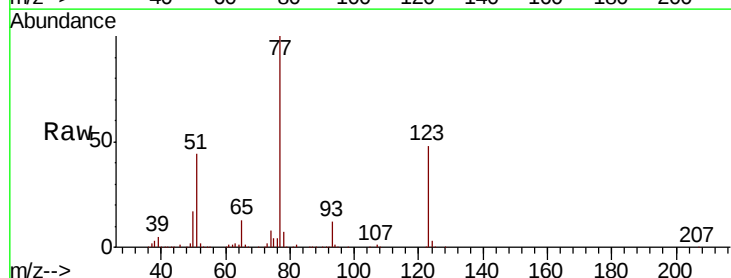
Manual Integrations
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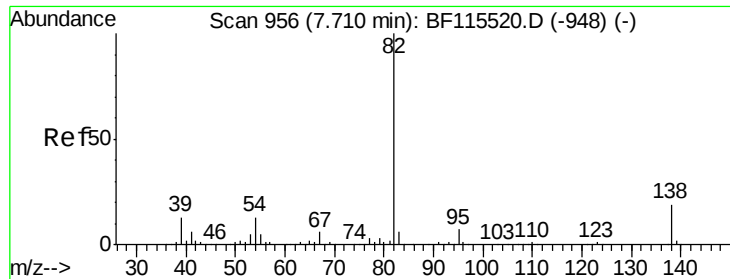
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#24
Nitrobenzene
Concen: 37.647 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	503370		
123	47.6	40.0	60.0	
65	13.1	11.0	16.4	





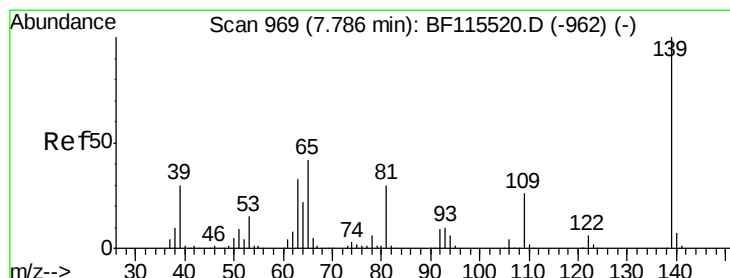
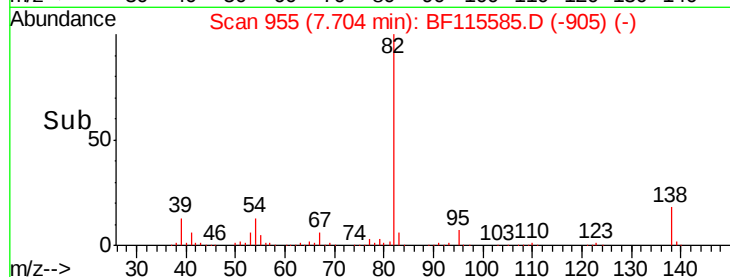
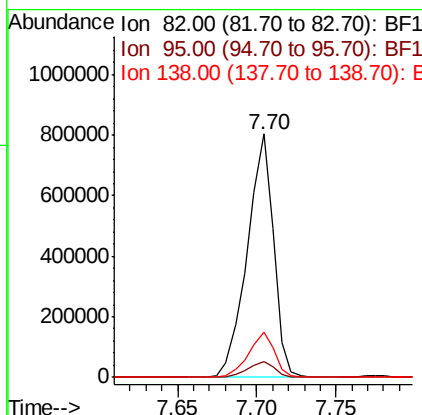
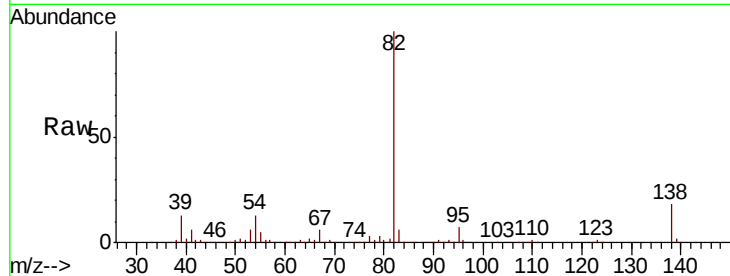
#25
Isophorone
Concen: 37.393 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampled :
PB121365BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	5.5	8.3	
138	18.3	14.9	22.3	

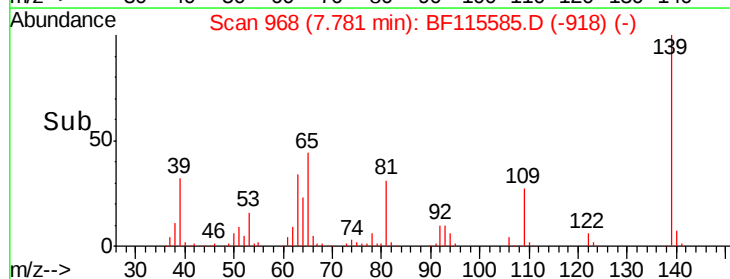
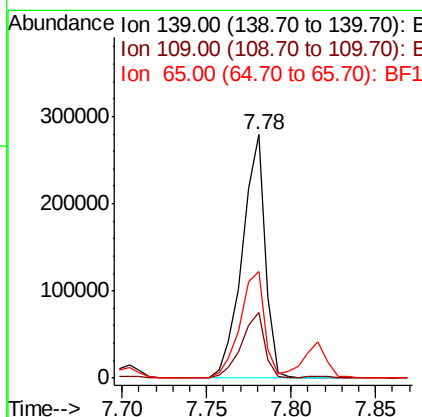
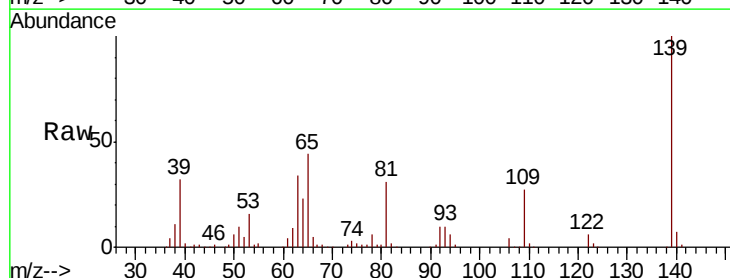
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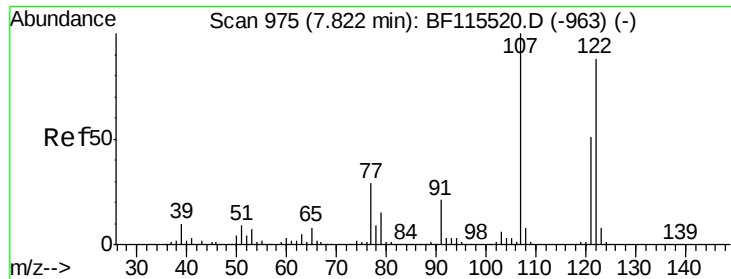
mohammad
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#26
2-Nitrophenol
Concen: 38.676 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.8	23.3	34.9	
65	43.7	37.9	56.9	





#27

2,4-Dimethylphenol

Concen: 42.900 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

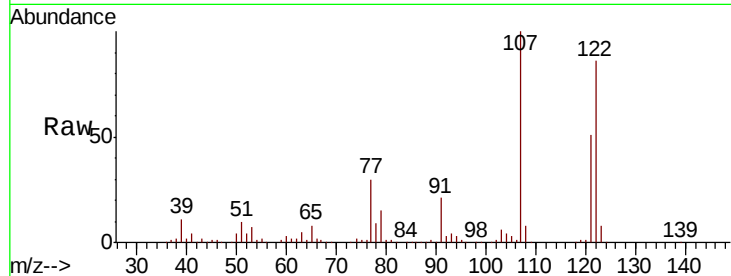
ClientSampleId :

PB121365BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	92.9	139.3
121	58.8	46.9	70.3

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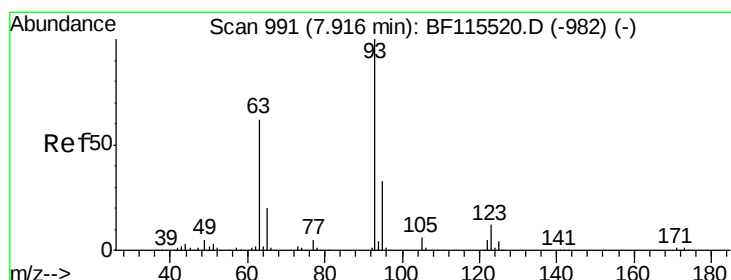
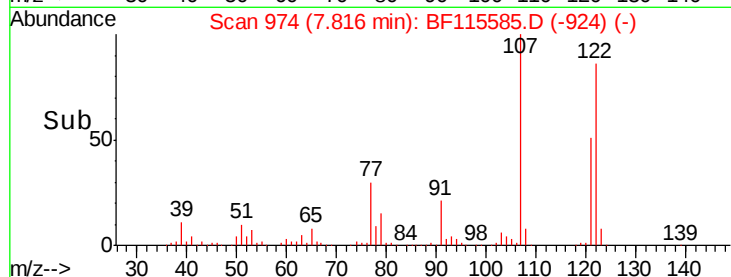
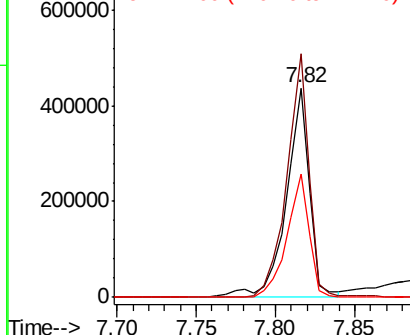


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.712 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

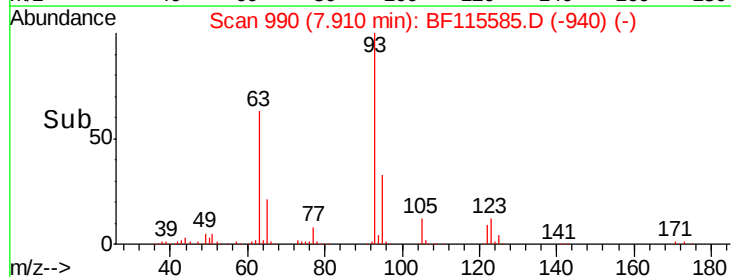
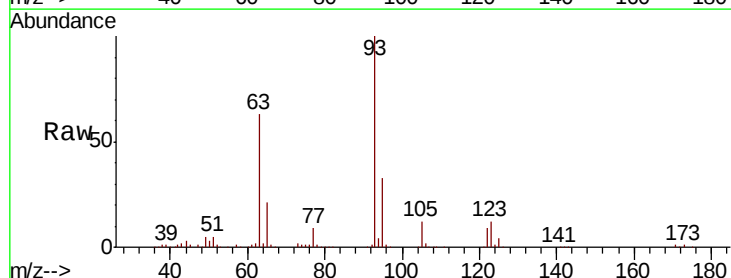
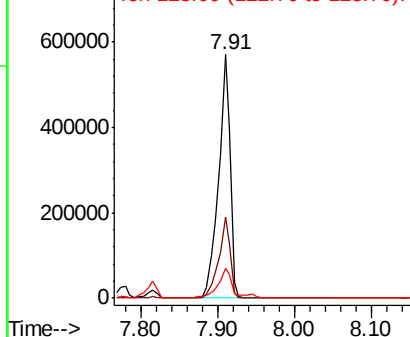
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.0	40.4
123	12.2	9.9	14.9

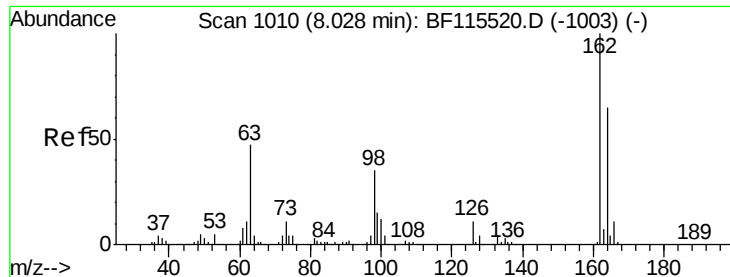
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





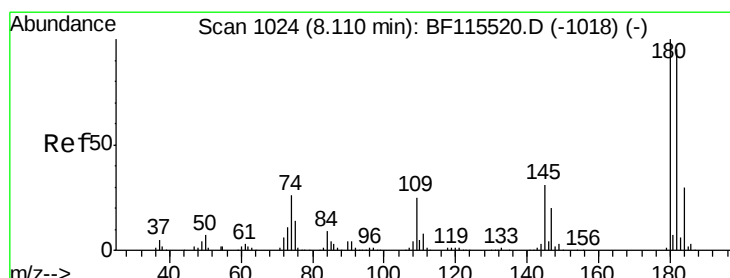
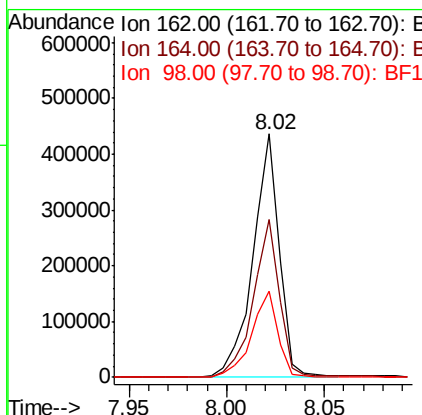
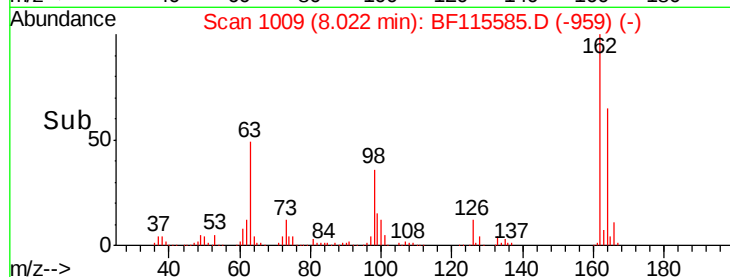
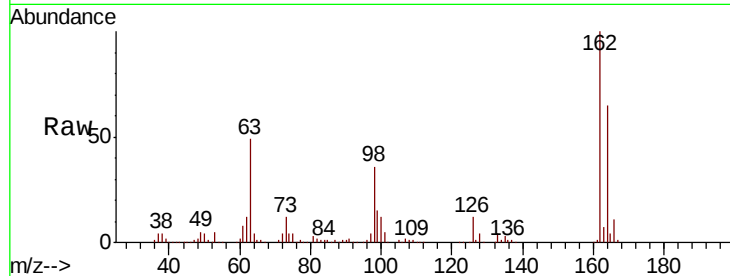
#29
2,4-Dichlorophenol
Concen: 38.368 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	64.7	44.9		84.9	
98	35.6	17.7		57.7	

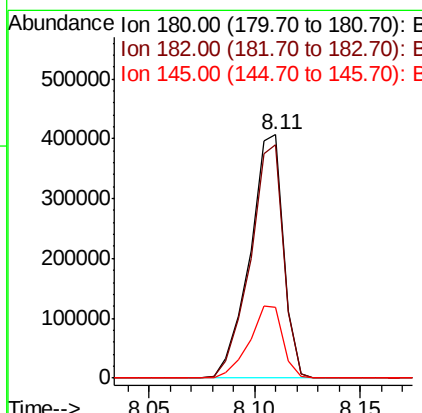
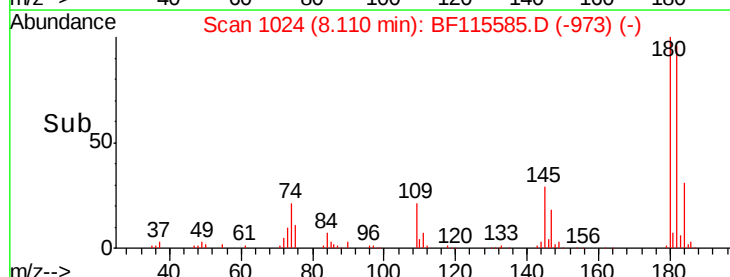
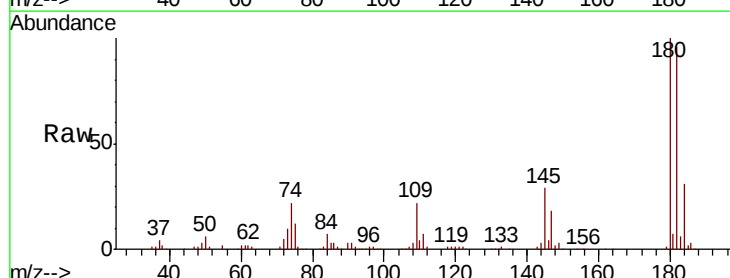
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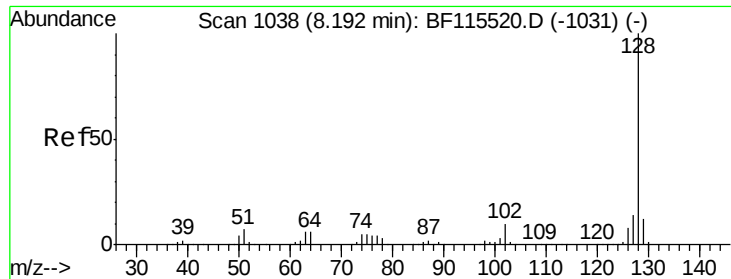
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#30
1,2,4-Trichlorobenzene
Concen: 37.138 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	95.9	75.0		112.6	
145	29.2	25.1		37.7	





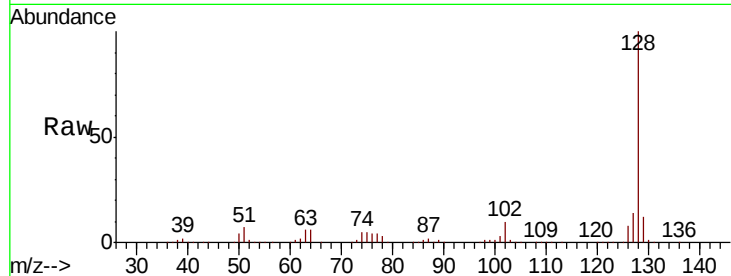
#31
Naphthalene
Concen: 38.902 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

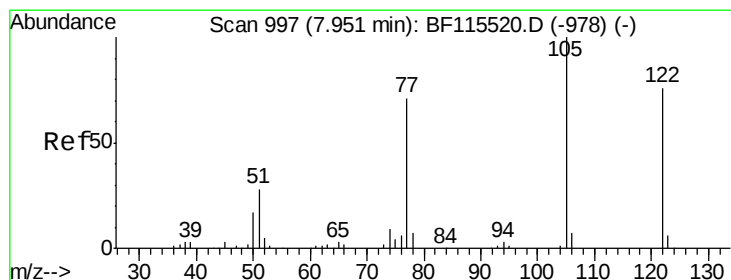
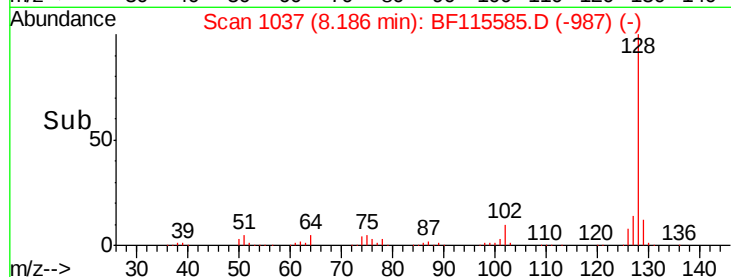
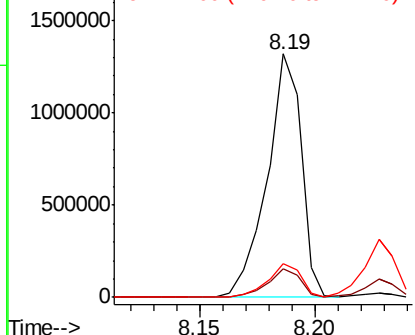
Tot Ion:128 Resp: 1358055
Ion Ratio Lower Upper
128 100
129 11.6 9.9 14.9
127 13.7 12.1 18.1

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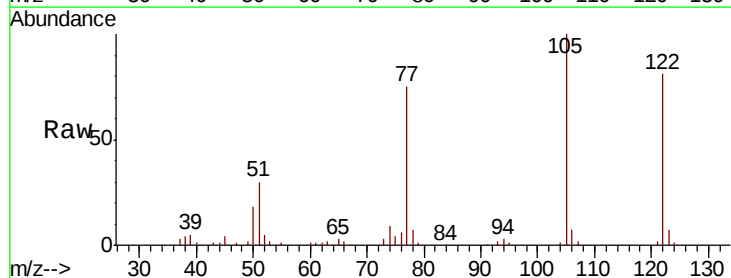


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

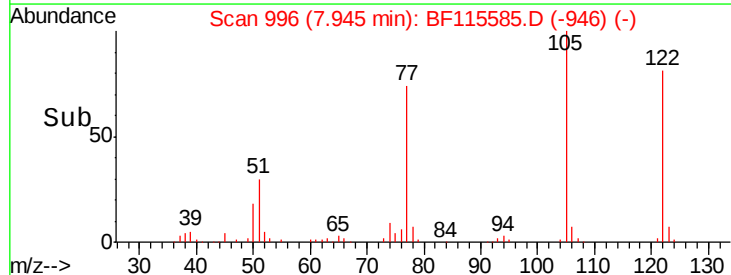
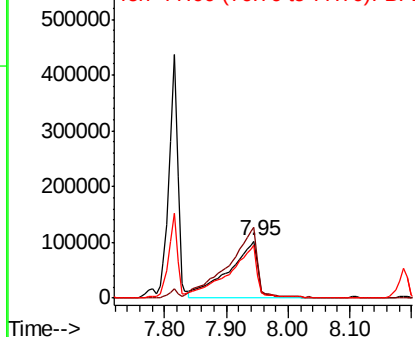


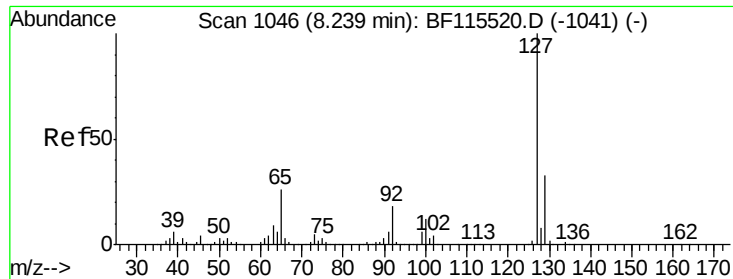
#32
Benzoic acid
Concen: 40.625 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion:122 Resp: 343307
Ion Ratio Lower Upper
122 100
105 123.8 102.5 142.5
77 92.5 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





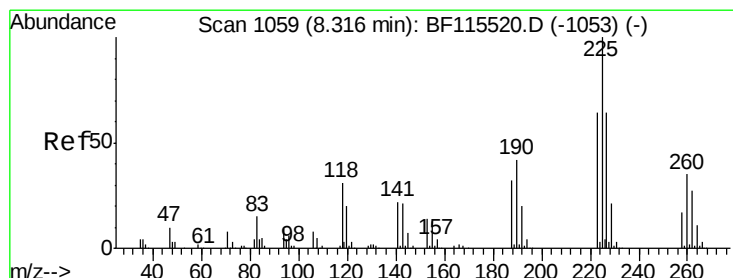
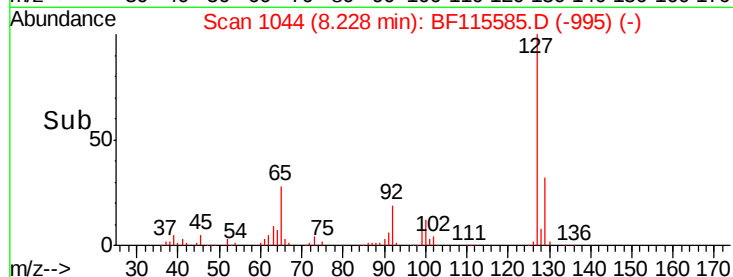
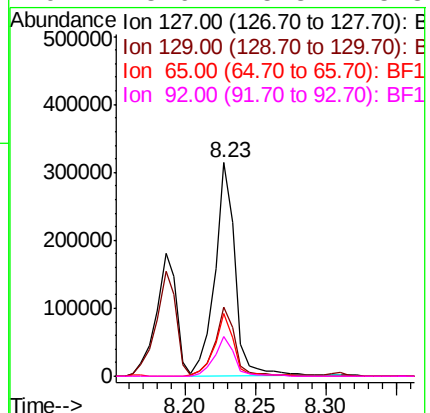
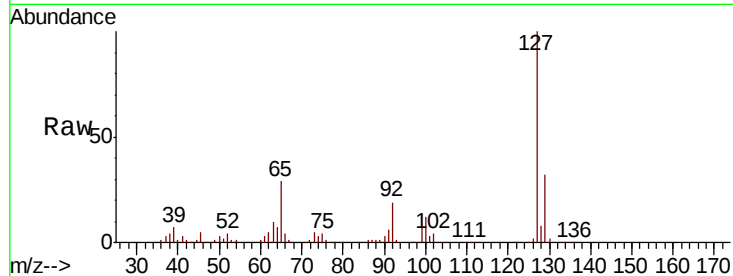
#33
 4-Chloroaniline
 Concen: 20.177 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :
 PB121365BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
312001	127	100			
	129	32.3	26.6	39.8	
	65	29.1	23.7	35.5	
	92	18.6	15.8	23.8	

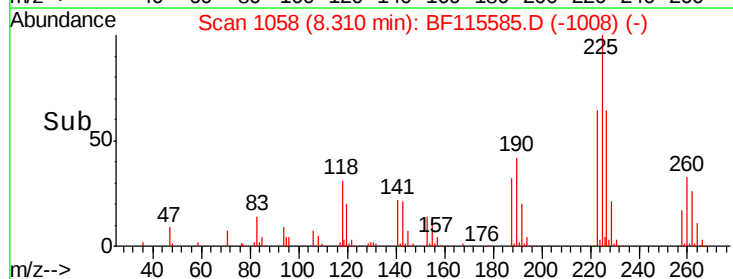
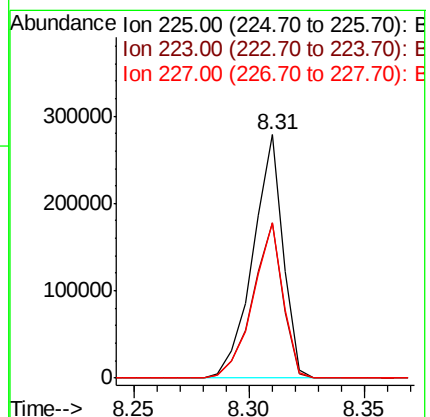
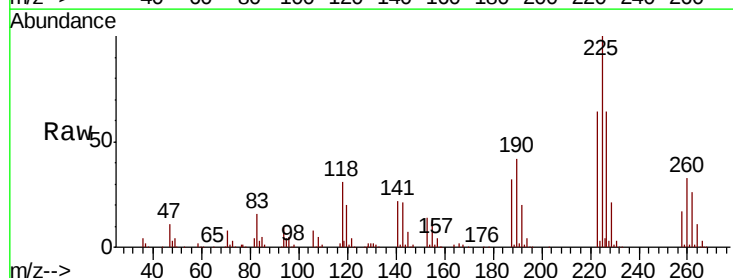
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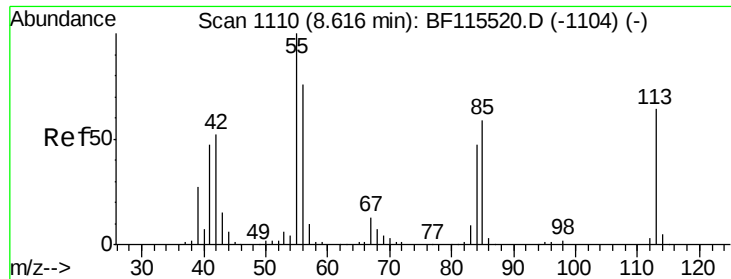
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#34
 Hexachlorobutadiene
 Concen: 36.538 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
253640	225	100			
	223	63.7	50.9	76.3	
	227	63.7	50.7	76.1	





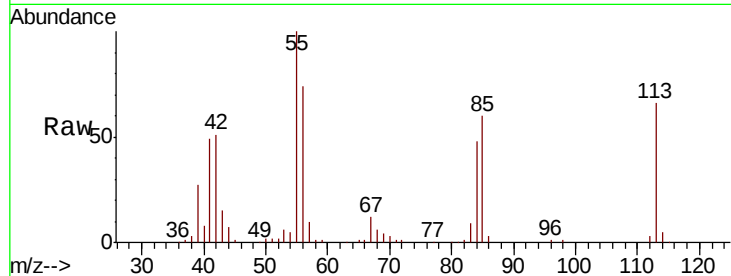
#35
Caprolactam
Concen: 38.842 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

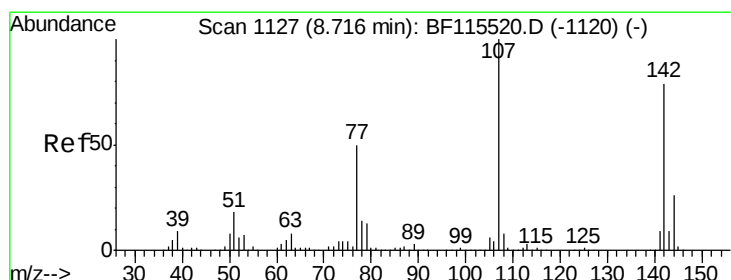
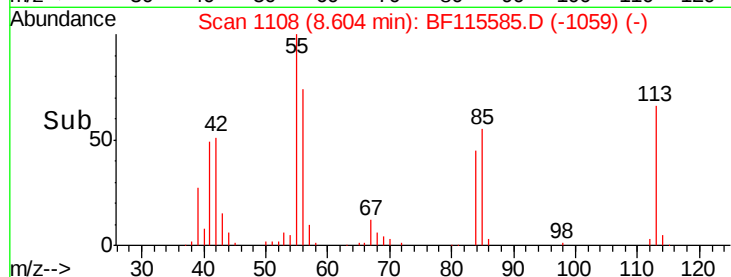
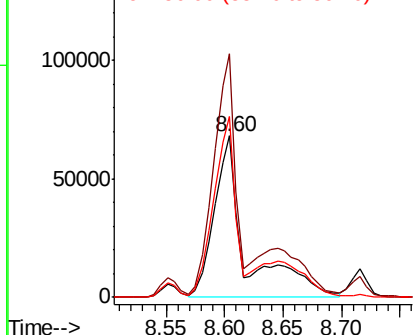
Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	151.1	126.9	166.9	
56	112.0	90.3	130.3	

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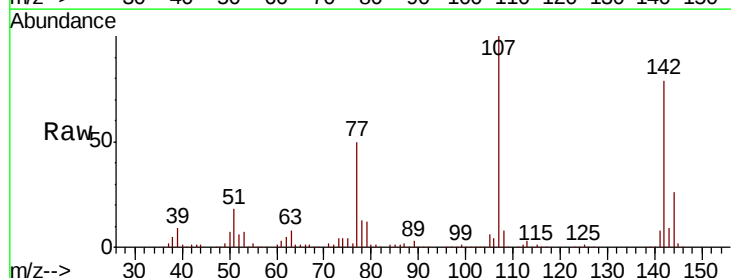


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

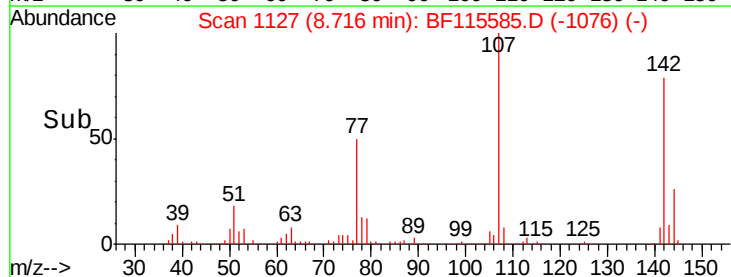
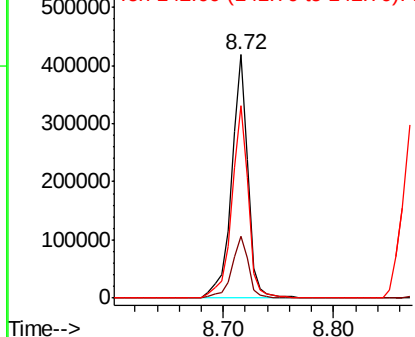


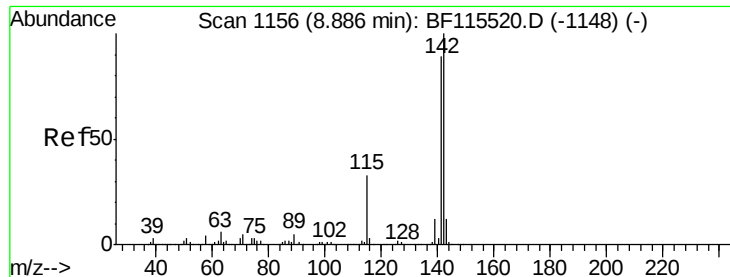
#36
4-Chloro-3-methylphenol
Concen: 39.092 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.5	20.6	30.8	
142	79.1	63.1	94.7	



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





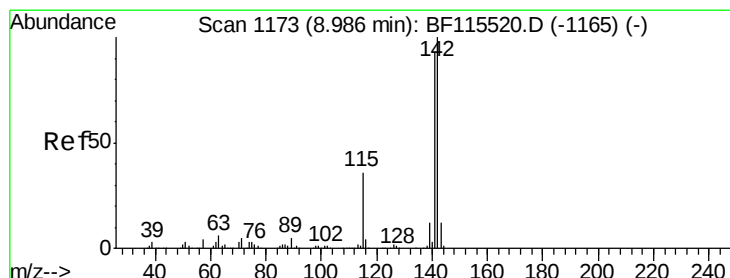
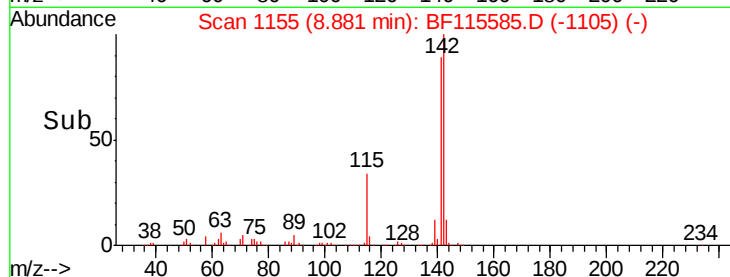
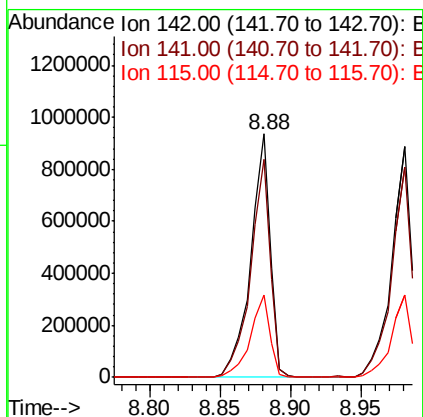
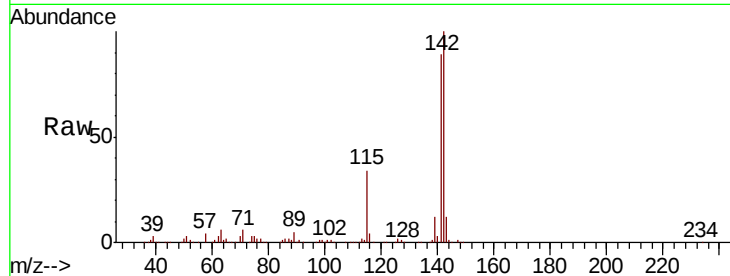
#37
2-Methylnaphthalene
Concen: 39.626 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	916957		
141	89.3	72.0	108.0	
115	33.9	29.9	44.9	

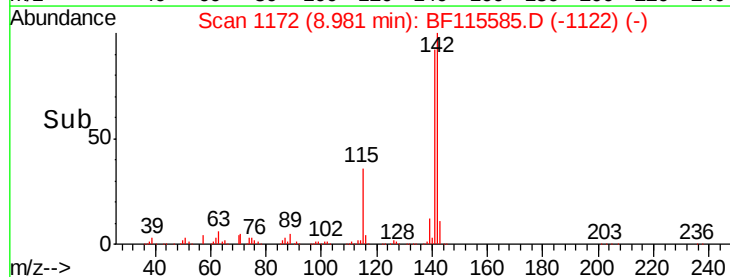
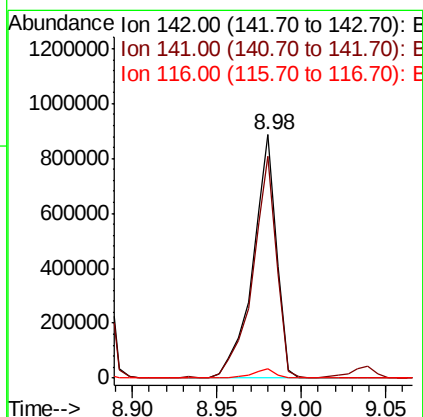
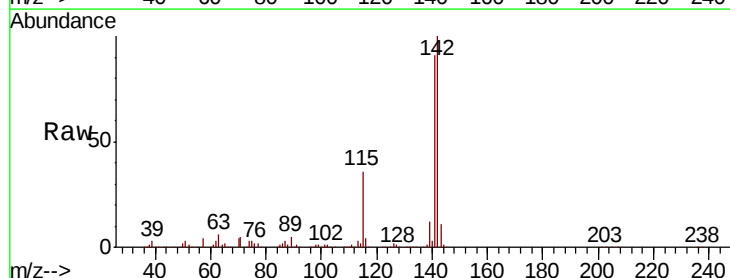
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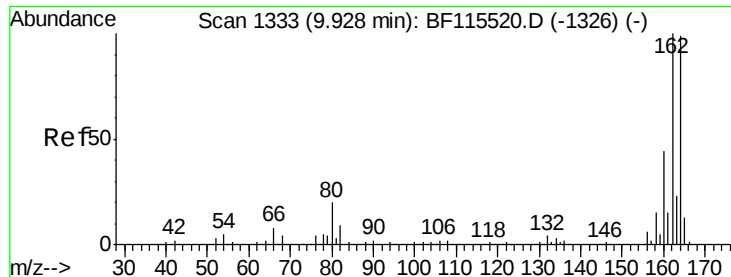
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#38
1-Methylnaphthalene
Concen: 39.240 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	862487		
141	91.3	75.3	112.9	
116	3.7	3.3	4.9	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

PB121365BS

Tot Ion:164 Resp: 379975

Ion Ratio Lower Upper

164 100

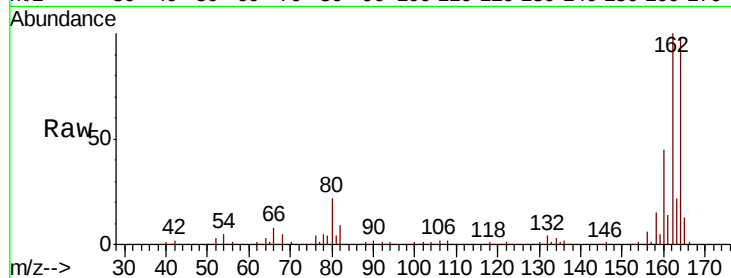
162 101.7 82.9 124.3

160 45.5 36.8 55.2

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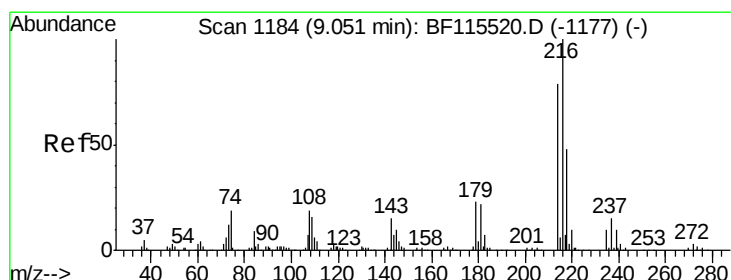
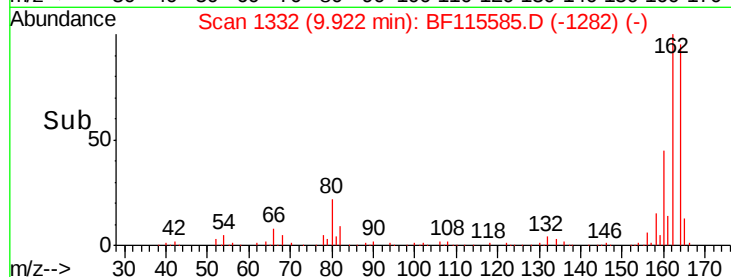
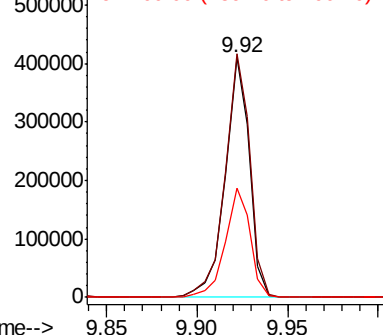


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.089 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Tgt Ion:216 Resp: 424393

Ion Ratio Lower Upper

216 100

214 79.1 65.1 97.7

179 21.8 18.3 27.5

108 19.8 15.7 23.5

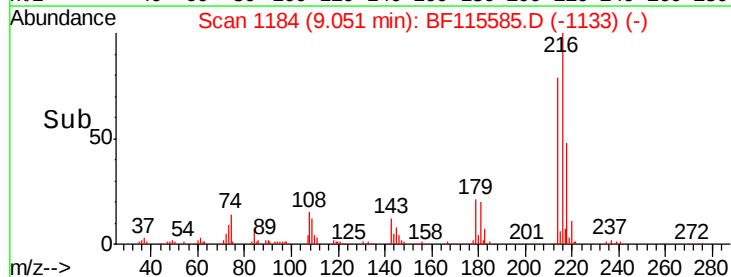
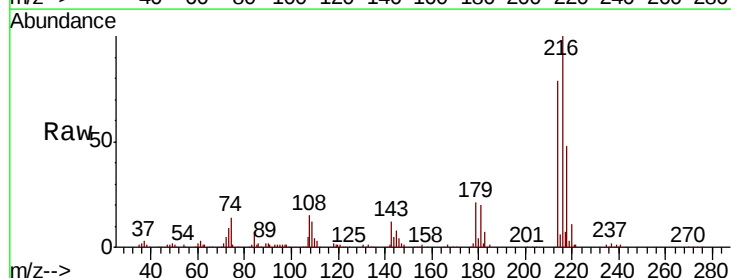
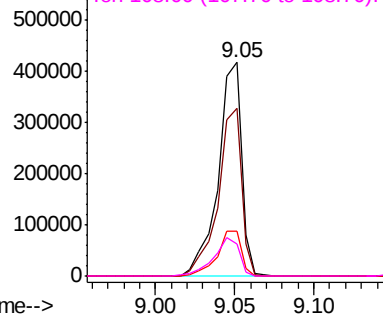
Abundance

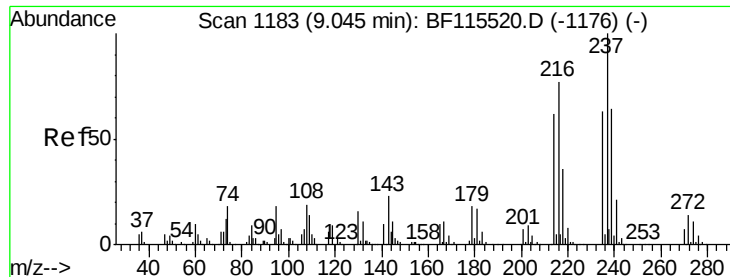
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





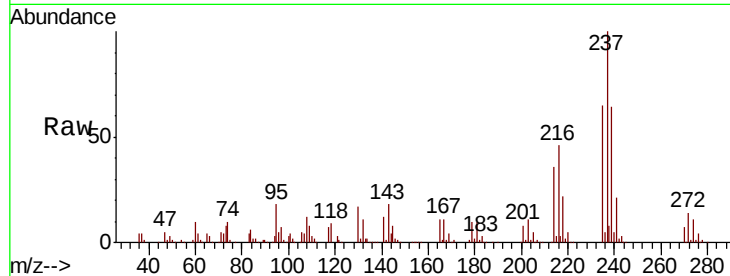
#41
 Hexachlorocyclopentadiene
 Concen: 53.598 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :
 PB121365BS

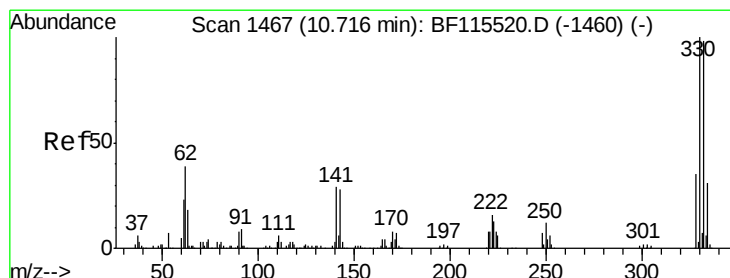
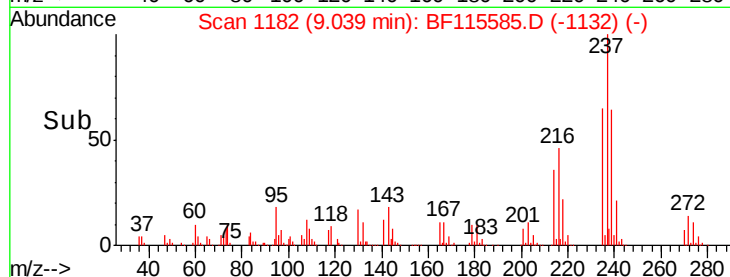
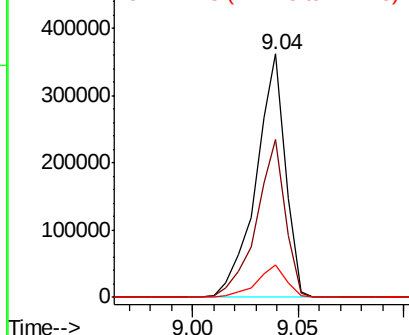
Tot Ion:	237	Resp:	349845
Ion Ratio	Lower	Upper	
237	100		
235	64.9	43.6	83.6
272	13.5	0.0	33.9

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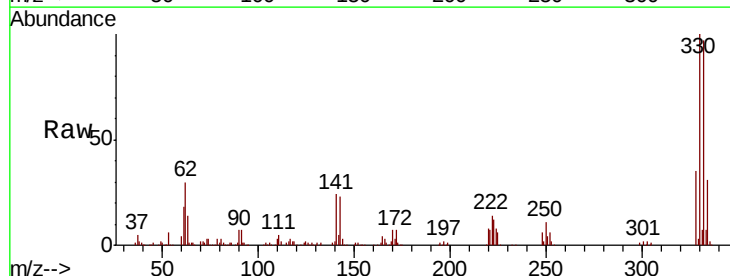


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

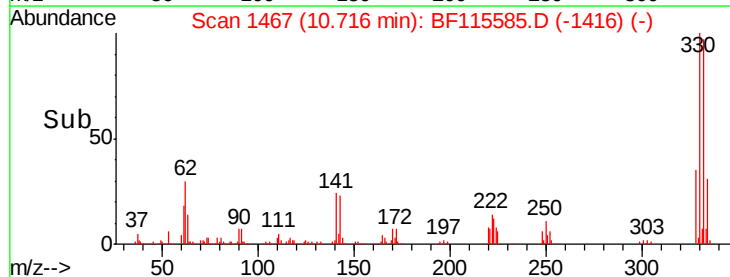
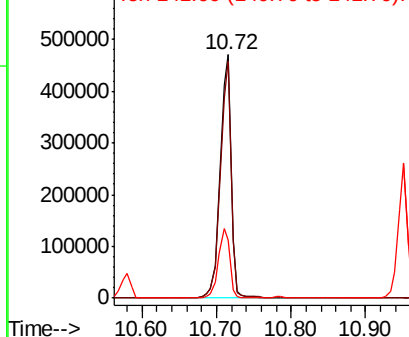


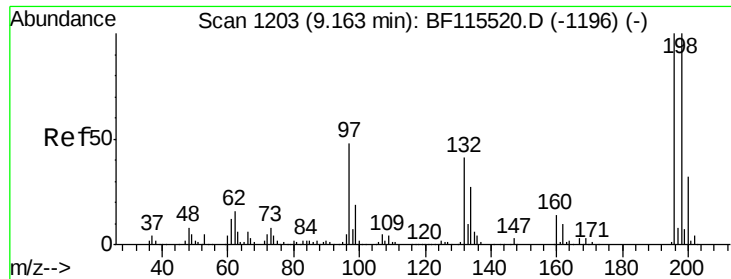
#42
 2,4,6-Tribromophenol
 Concen: 107.164 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion:	330	Resp:	475297
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.4	116.2
141	30.0	22.4	33.6



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





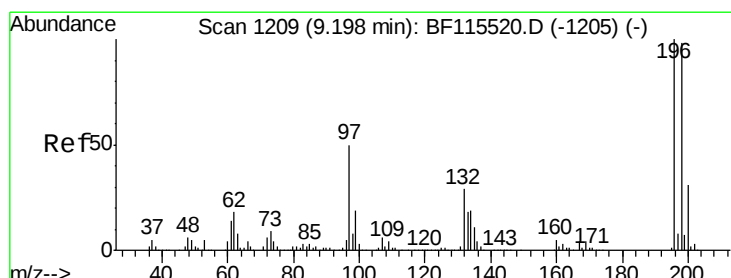
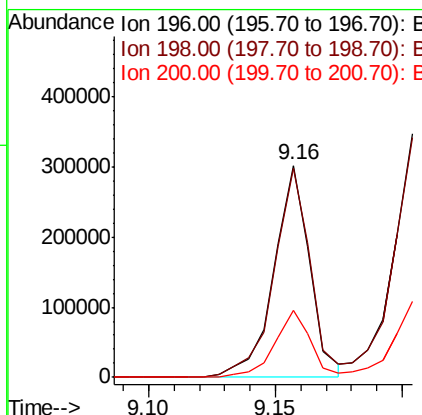
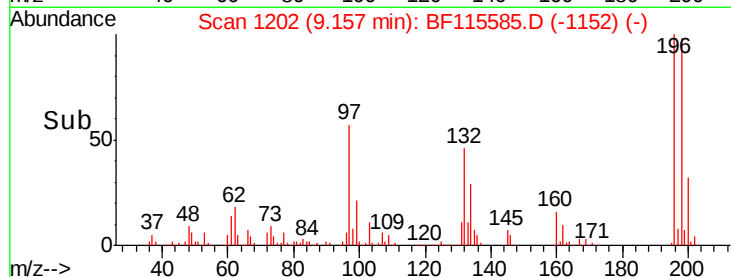
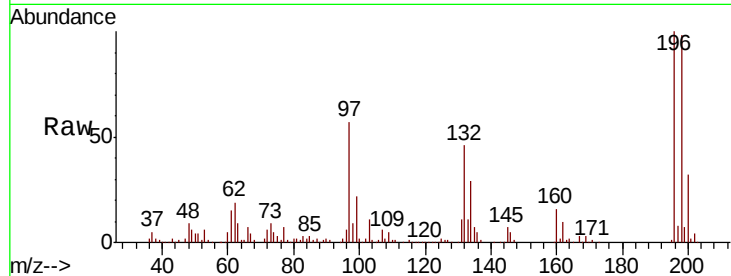
#43
 2,4,6-Trichlorophenol
 Concen: 35.843 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleID :
 PB121365BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	299924		
198	98.4	80.6	121.0	
200	31.8	25.8	38.6	

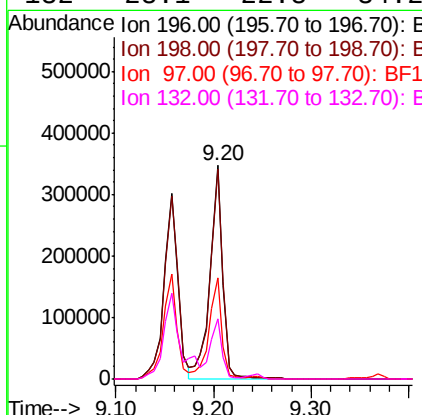
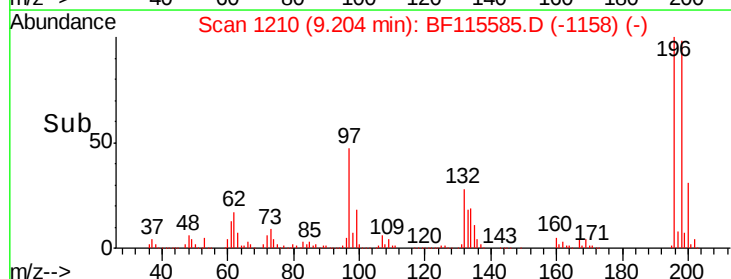
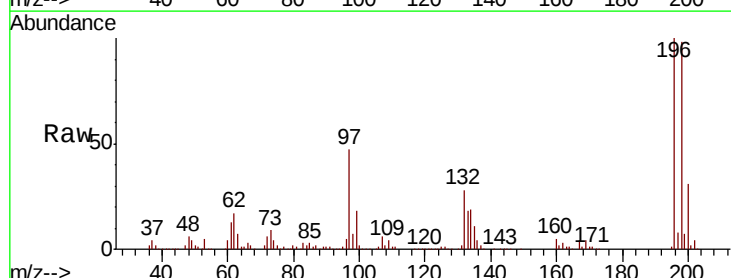
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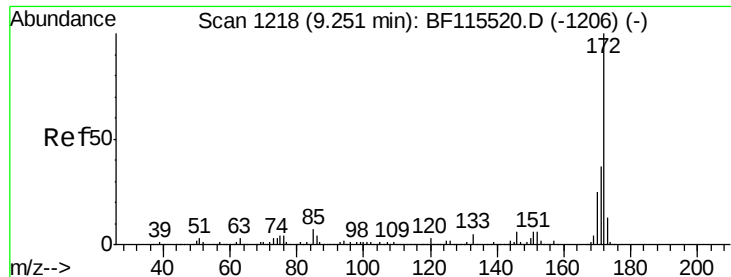
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 36.720 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	314666		
198	98.4	79.6	119.4	
97	47.1	37.8	56.6	
132	28.1	22.8	34.2	





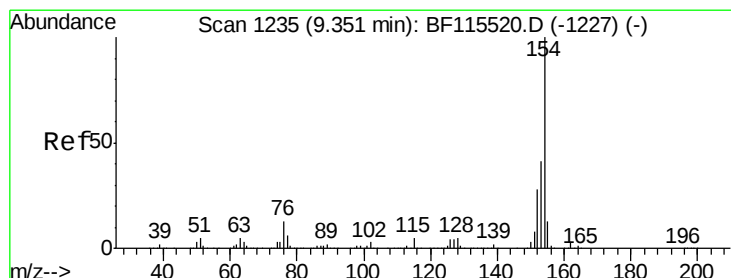
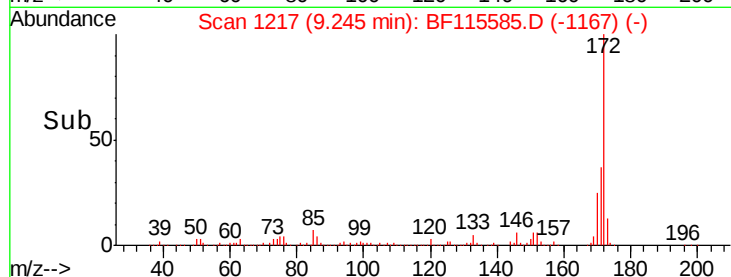
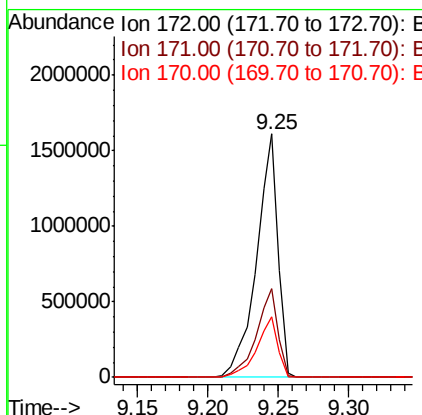
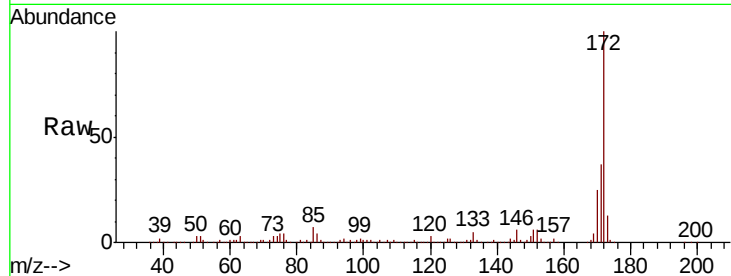
#45
2-Fluorobiphenyl
Concen: 79.647 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	24.9	20.5	30.7

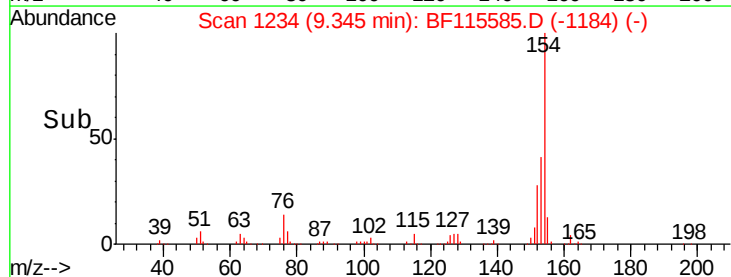
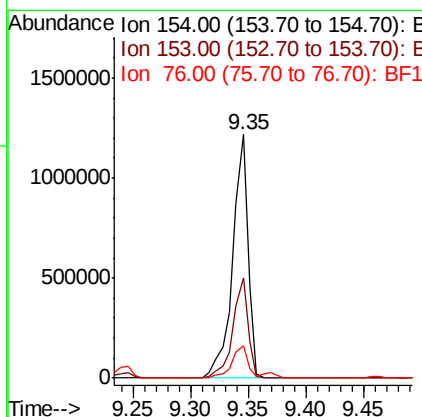
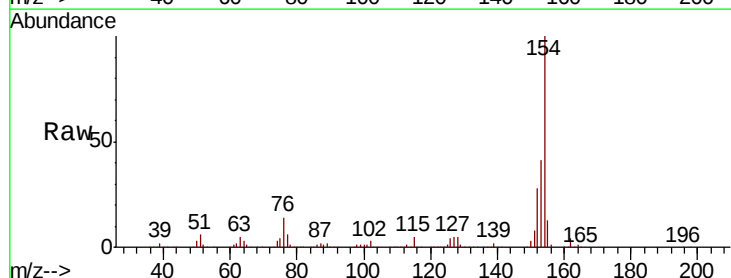
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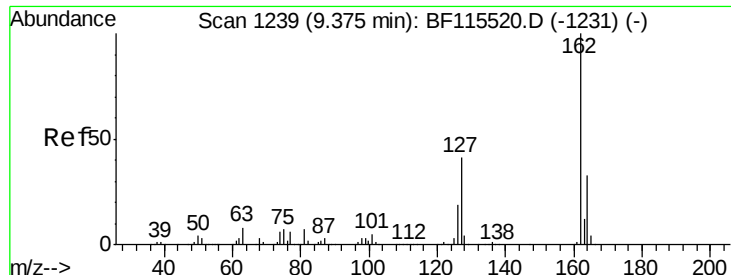
mohammad
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#46
1,1'-Biphenyl
Concen: 37.791 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.6	62.6
76	13.5	0.0	33.4





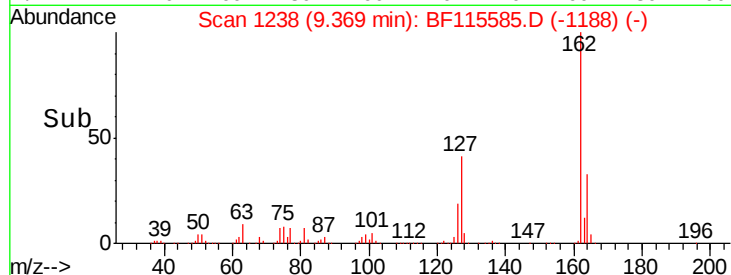
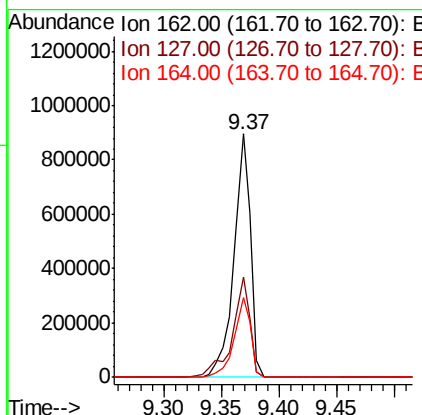
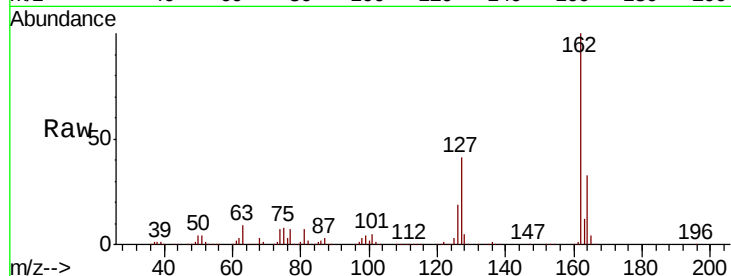
#47
 2-Chloronaphthalene
 Concen: 35.804 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :
 PB121365BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.3	34.1	51.1	
164	33.0	27.4	41.2	

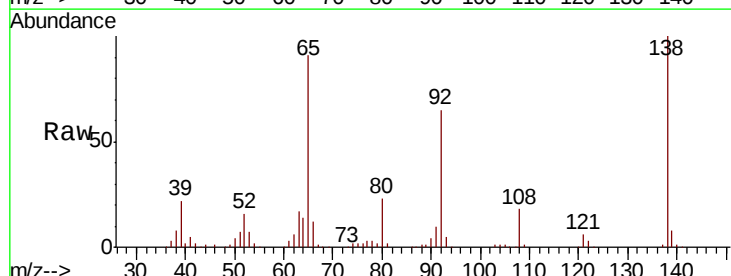
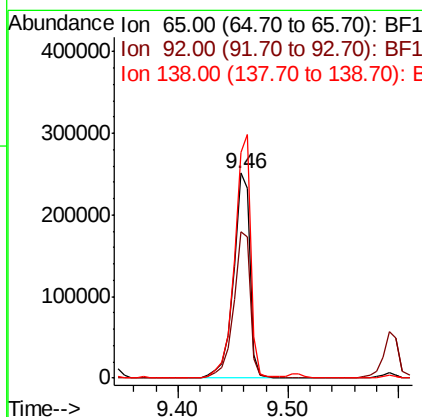
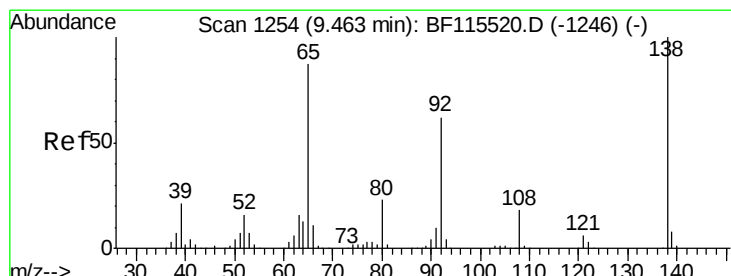
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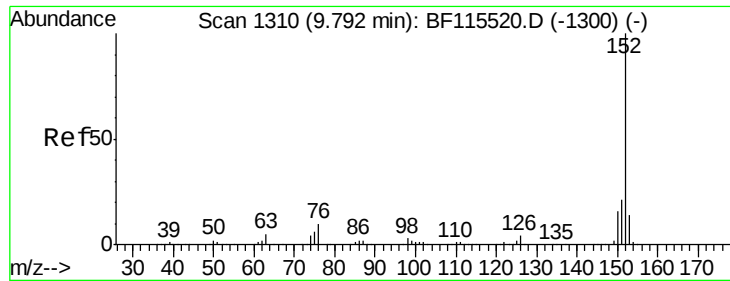
mohammad
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#48
 2-Nitroaniline
 Concen: 34.405 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.3	57.8	86.6	
138	109.8	91.2	136.8	





#49

Acenaphthylene

Concen: 37.436 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

PB121365BS

Tot Ion:152 Resp: 1372068

Ion Ratio Lower Upper

152 100

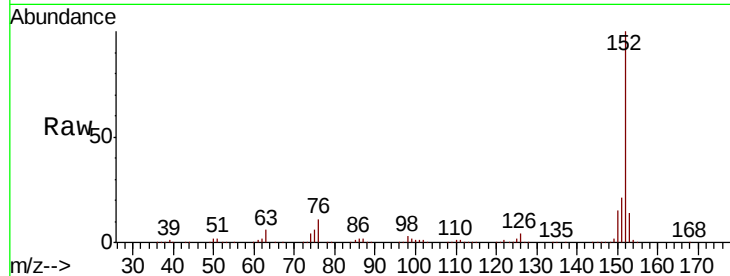
151 20.7 17.7 26.5

153 14.2 12.0 18.0

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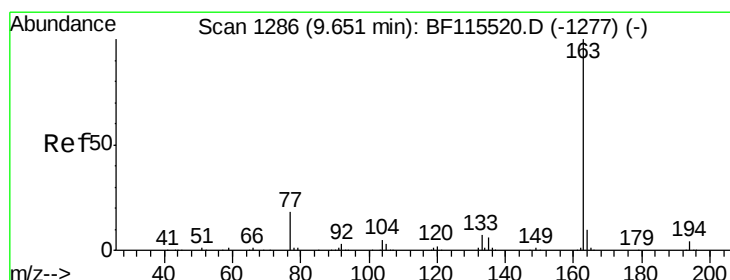
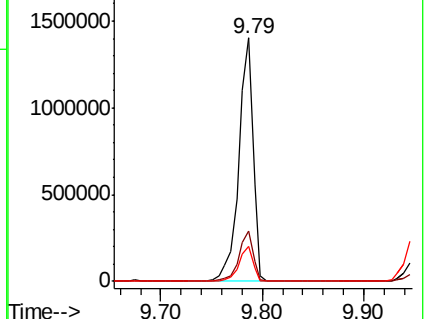
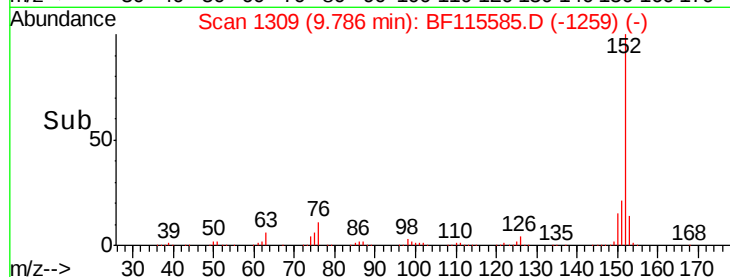
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.058 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

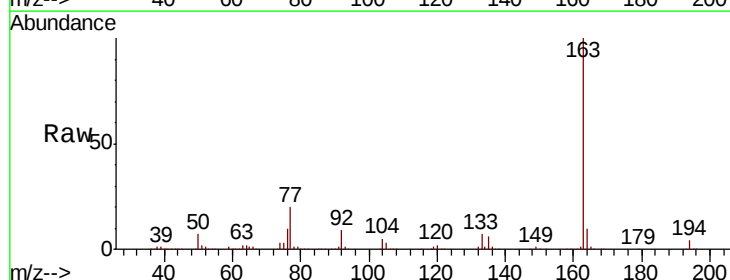
Tgt Ion:163 Resp: 1030831

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

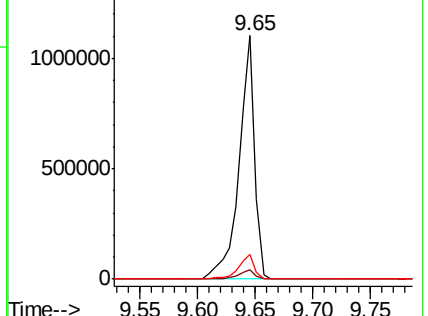
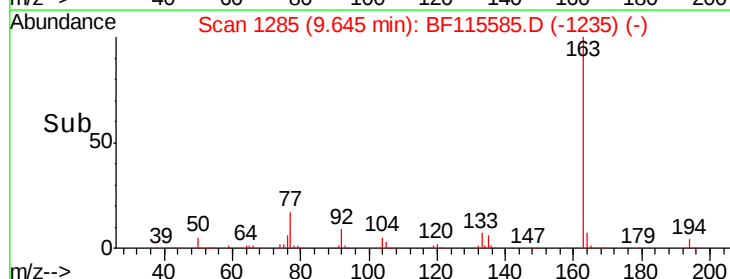
164 10.2 8.7 13.1

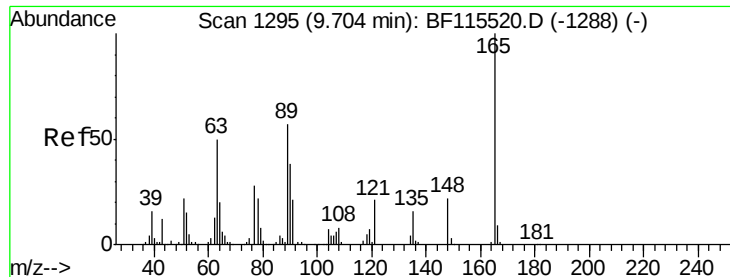


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





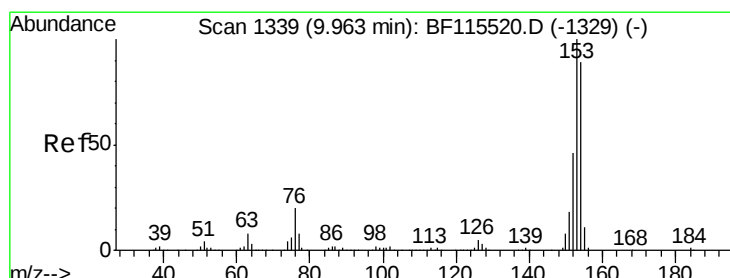
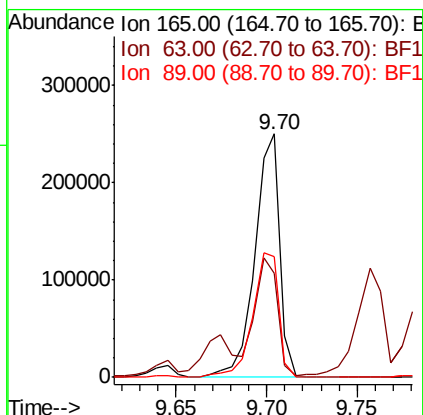
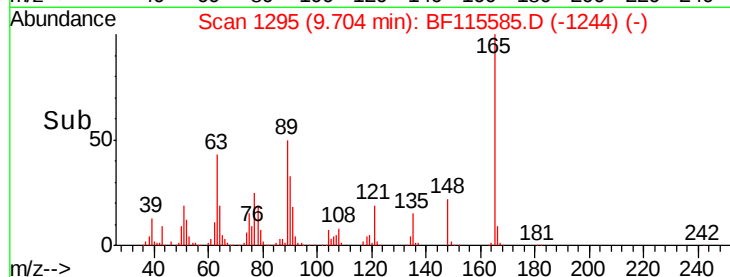
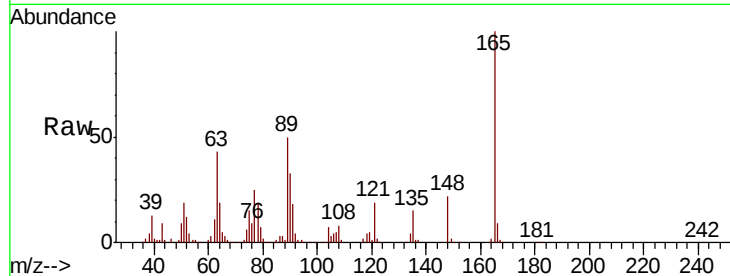
#51
2,6-Dinitrotoluene
Concen: 36.770 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	238892		
63	42.9	40.6	61.0	
89	49.7	43.9	65.9	

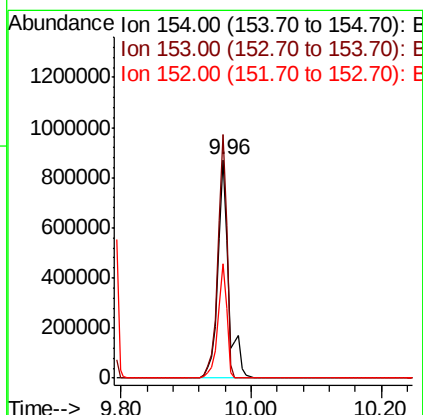
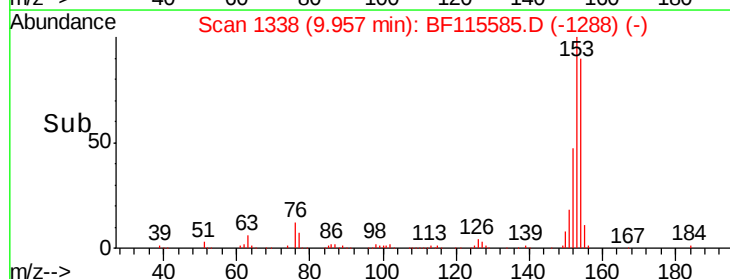
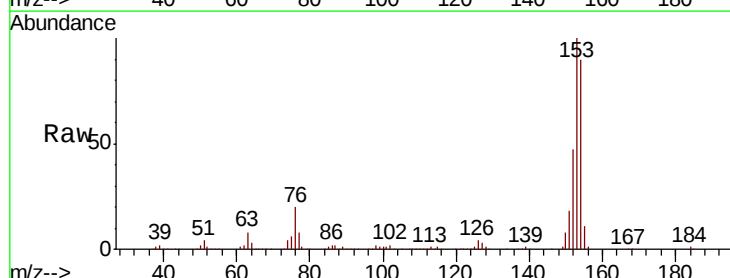
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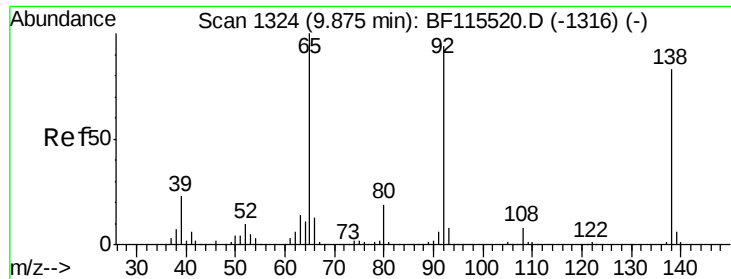
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#52
Acenaphthene
Concen: 42.272 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1000253		
153	111.4	88.6	133.0	
152	52.4	42.3	63.5	





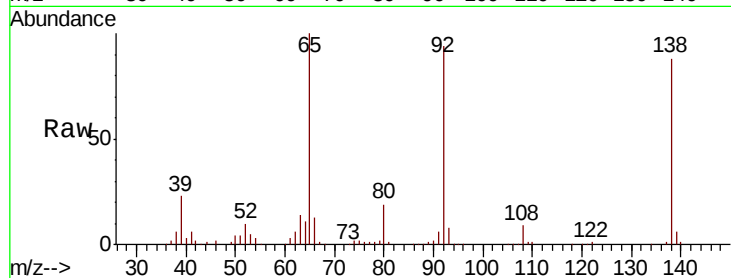
#53
3-Nitroaniline
Concen: 24.999 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.4	12.6
92	106.9	88.0	132.0

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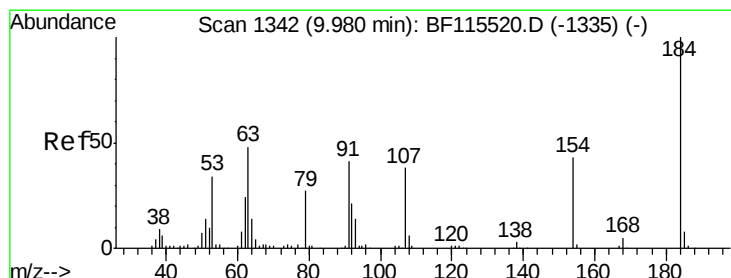
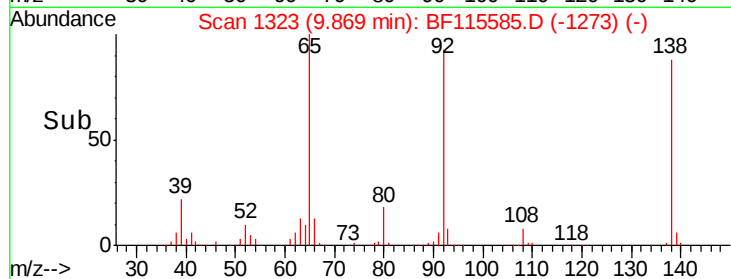
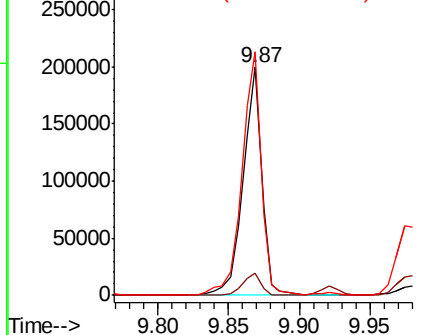


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 80.803 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

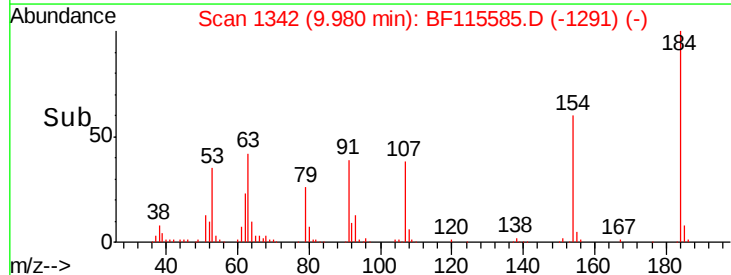
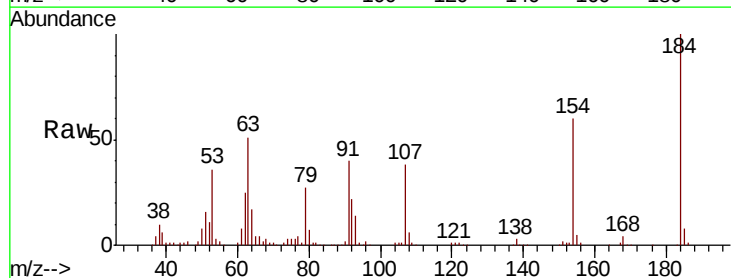
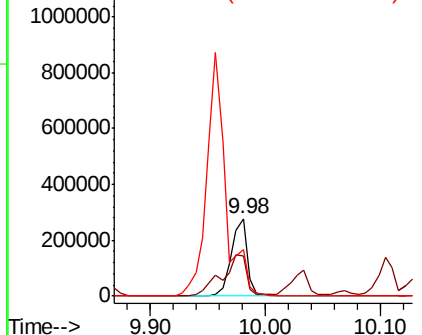
Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.7	48.7	73.1
154	60.4	48.6	73.0

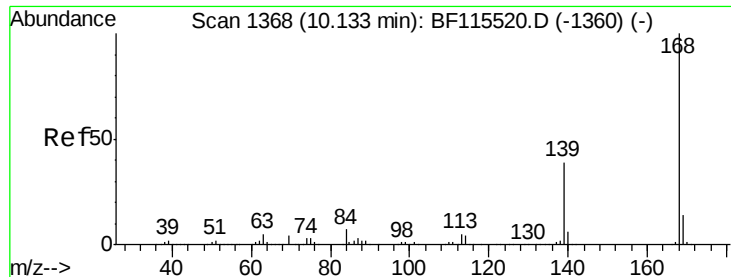
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





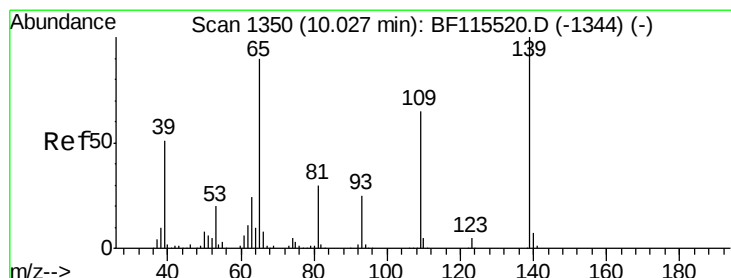
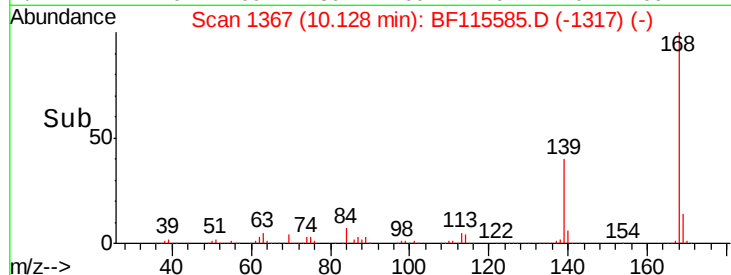
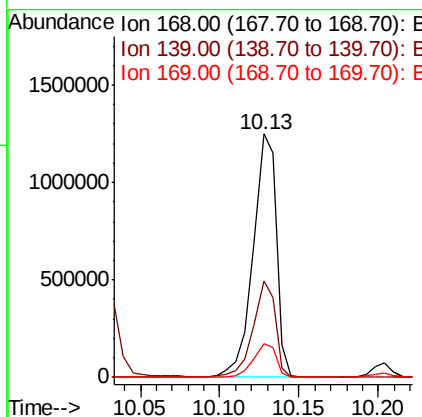
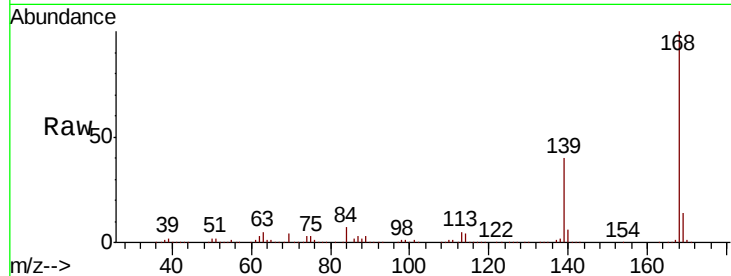
#55
Dibenzenofuran
Concen: 38.015 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.1	46.7
169	13.8	11.1	16.7

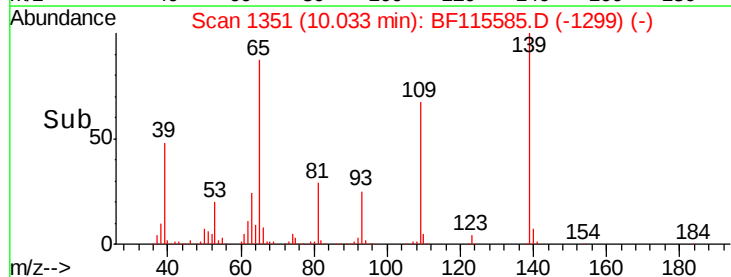
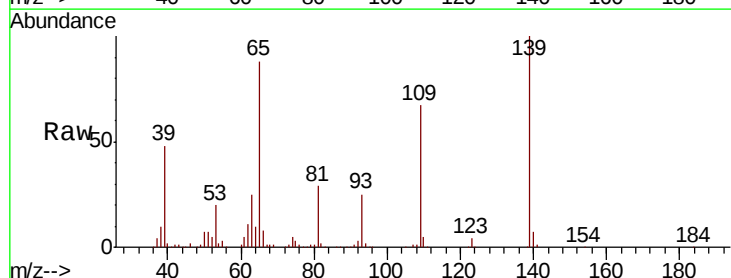
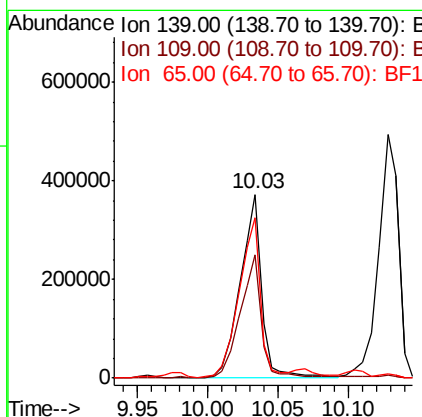
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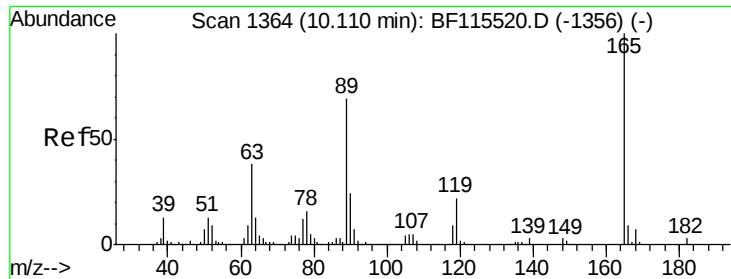
mohammad
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#56
4-Nitrophenol
Concen: 69.662 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	46.4	86.4
65	87.6	68.9	108.9





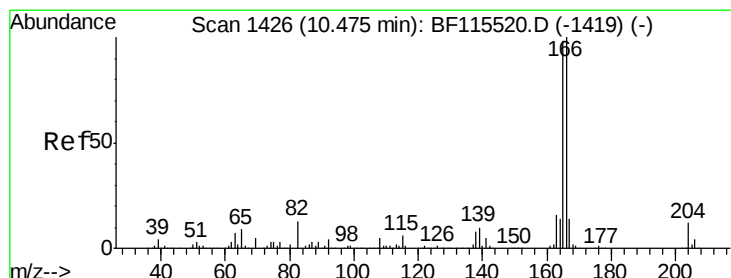
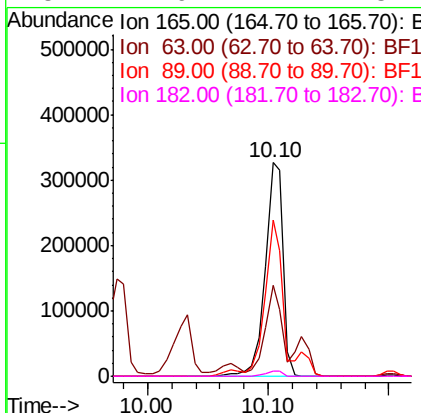
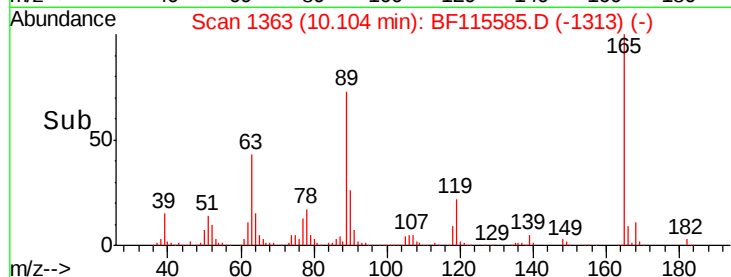
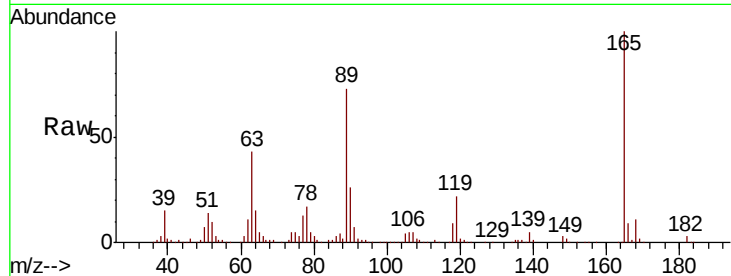
#57
2,4-Dinitrotoluene
Concen: 39.614 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	333434		
63	42.6	34.9	52.3	
89	72.9	57.5	86.3	
182	2.6	2.2	3.4	

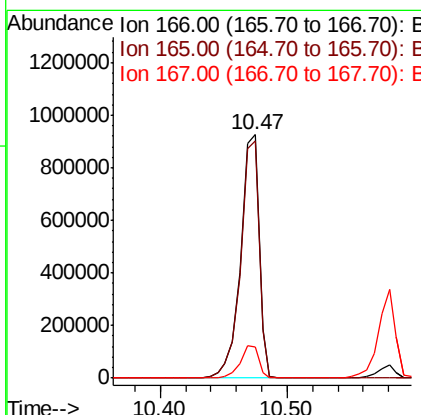
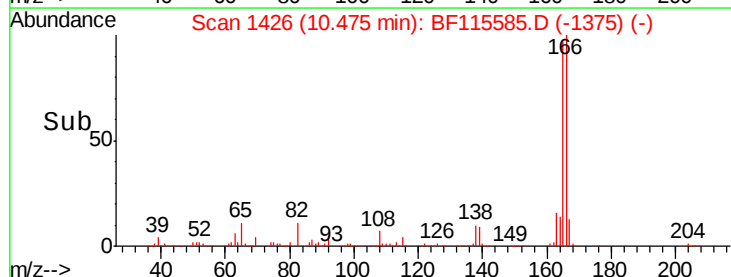
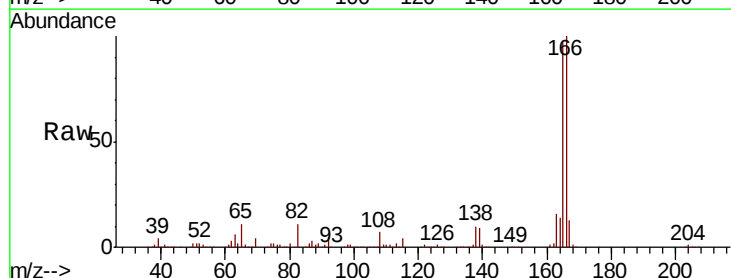
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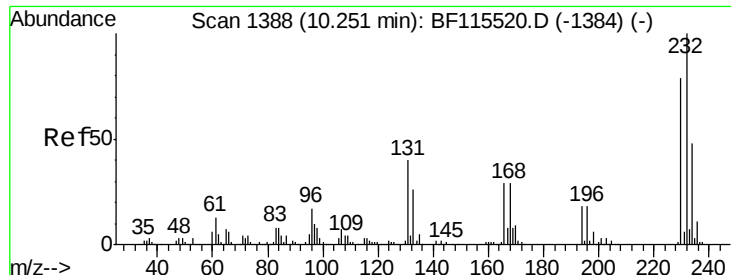
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7/17/2019 12:05:27 PM



#58
Fluorene
Concen: 38.855 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	933408		
165	97.2	79.8	119.6	
167	13.0	11.2	16.8	





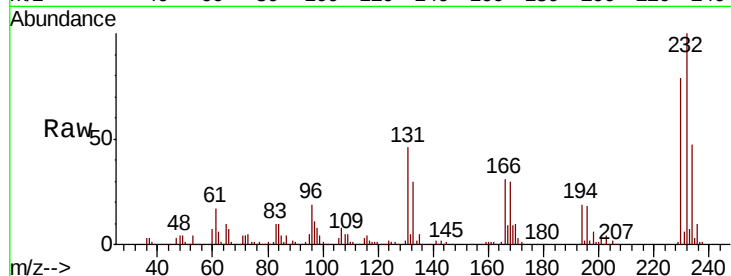
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.418 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	289541		
131	44.8	35.9	53.9	
130	2.2	1.8	2.6	
166	29.9	24.8	37.2	

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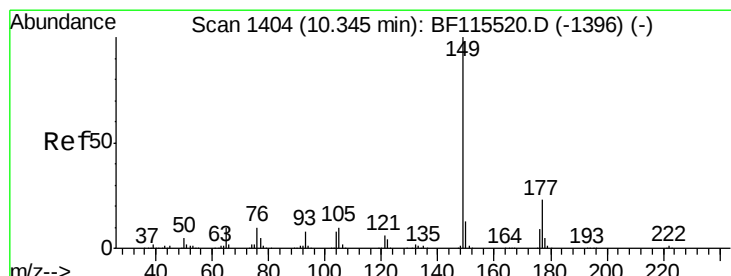
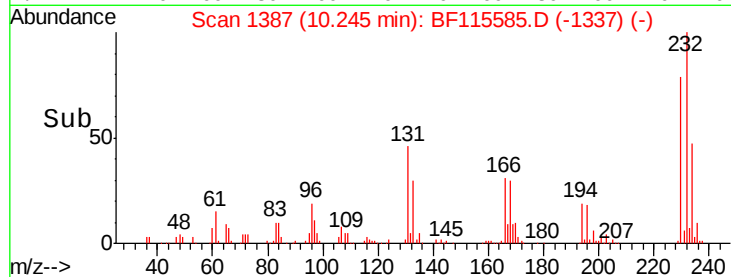
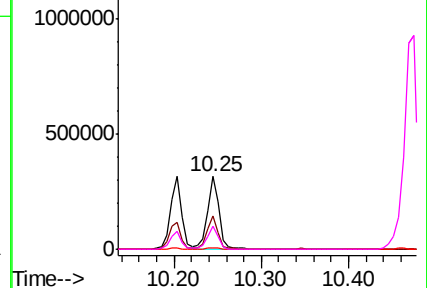
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

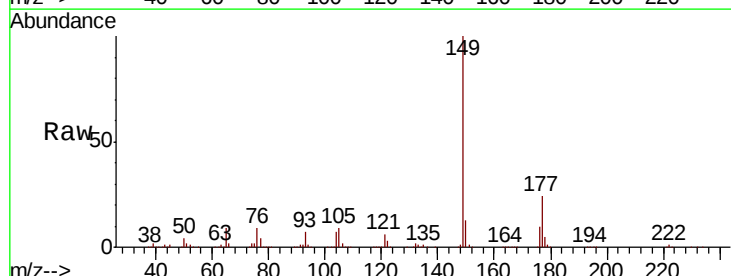
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.592 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1060496		
177	24.1	19.5	29.3	
150	12.6	10.4	15.6	

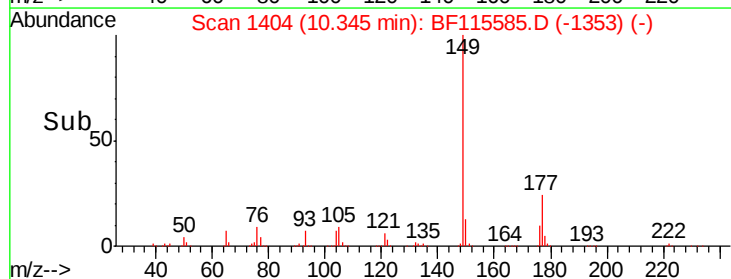
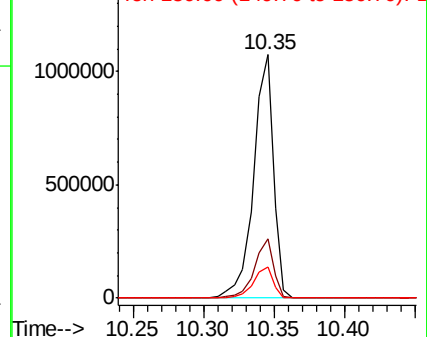


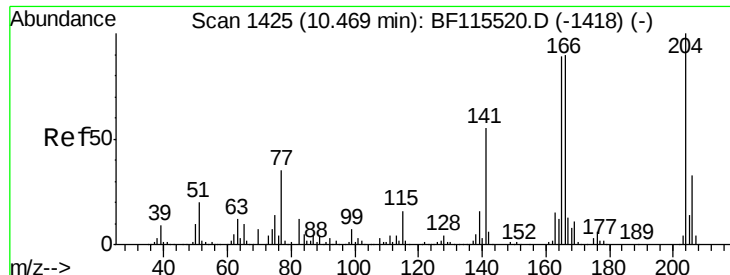
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





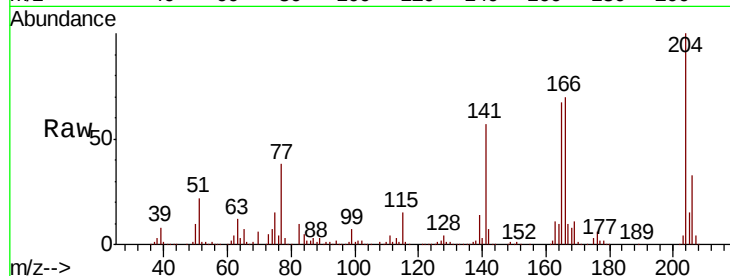
#61
 4-Chlorophenyl-phenylether
 Concen: 36.161 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :
 PB121365BS

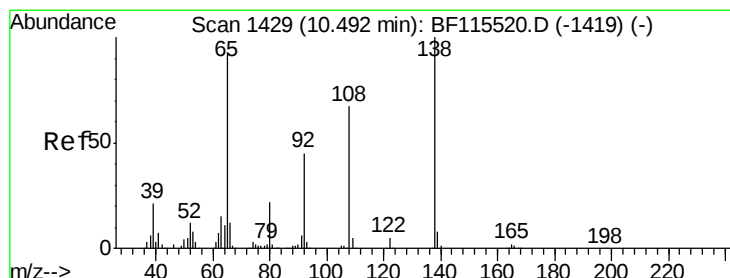
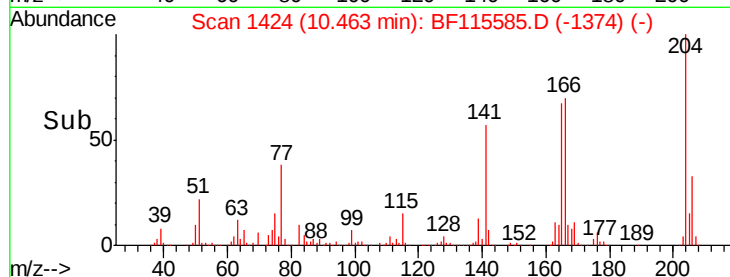
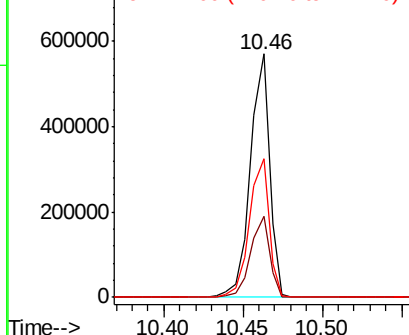
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.7	40.1
141	56.9	44.2	66.2

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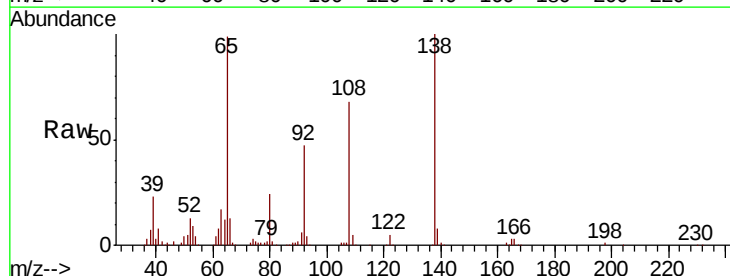


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

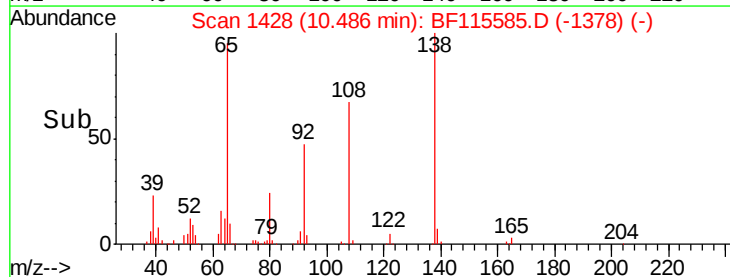
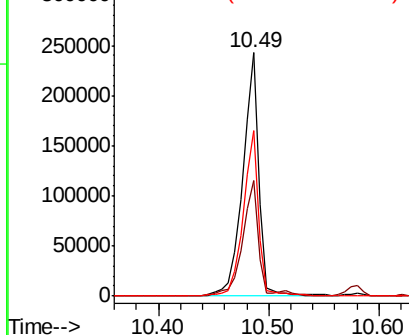


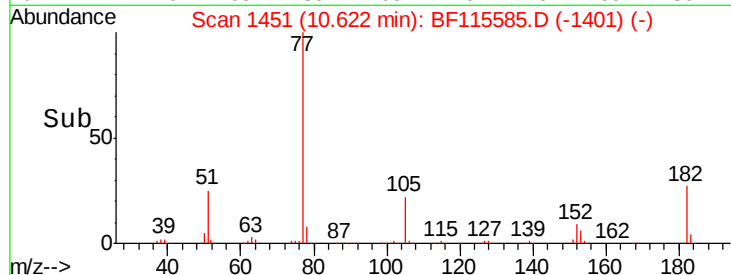
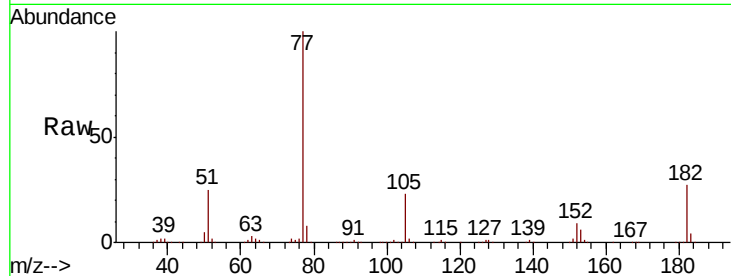
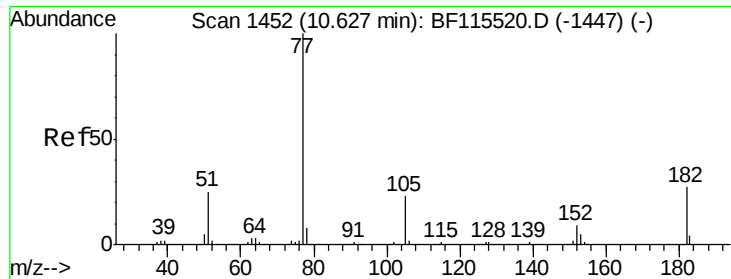
#62
 4-Nitroaniline
 Concen: 35.088 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.1	67.1
108	68.1	48.0	88.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





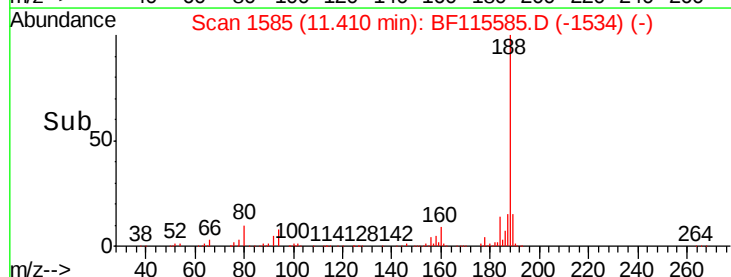
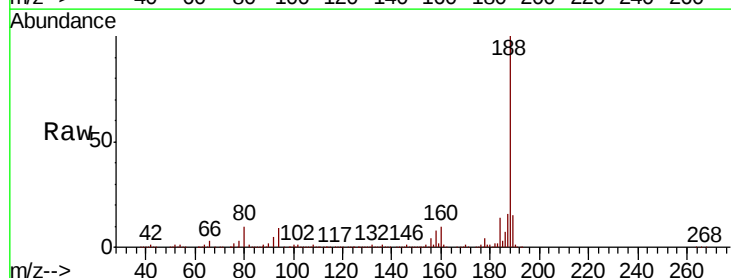
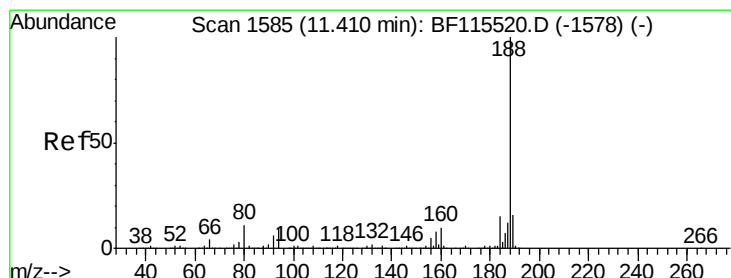
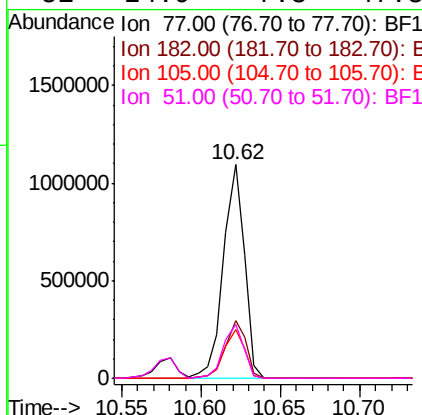
#63
Azobenzene
Concen: 38.742 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.7	6.9	46.9	
105	23.1	3.9	43.9	
51	24.9	7.3	47.3	

Instrument :
BNA_F
ClientSampleId :
PB121365BS

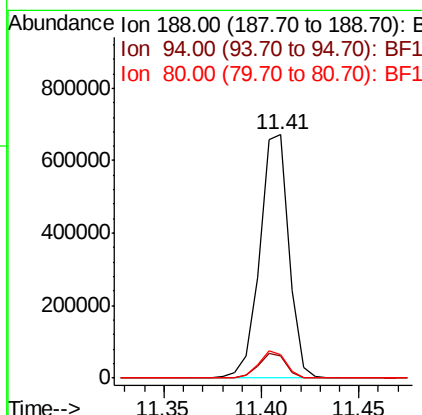
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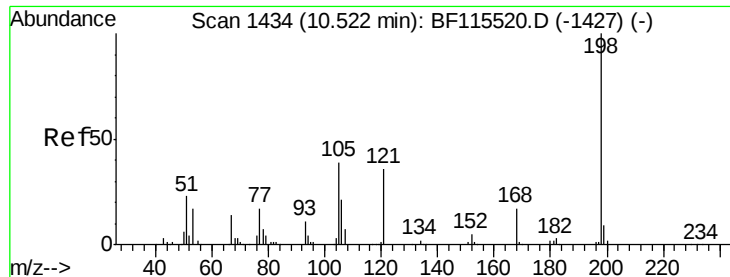
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7/17/2019 12:05:27 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.8	11.6	
80	9.8	8.6	13.0	





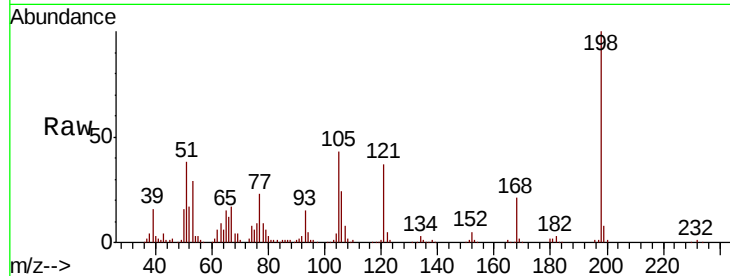
#65
4,6-Dinitro-2-methylphenol
Concen: 40.542 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

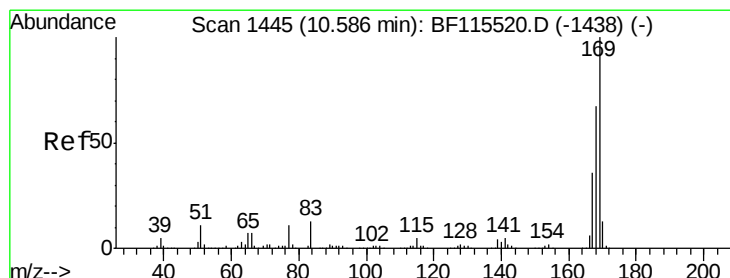
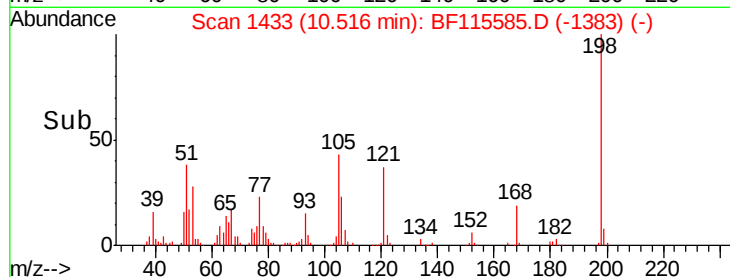
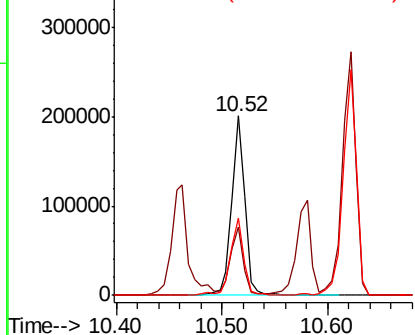
Tot Ion	Ratio	Resp	Lower	Upper
198	100	171560		
51	37.9	19.1	59.1	
105	42.7	23.6	63.6	

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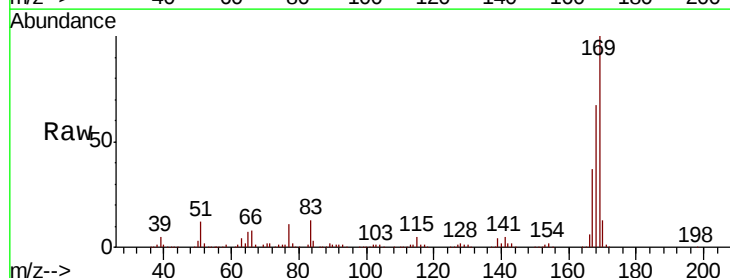


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

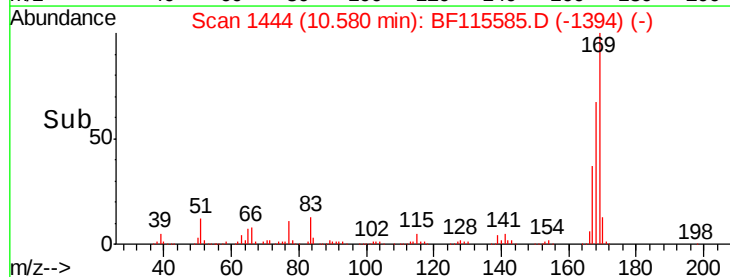
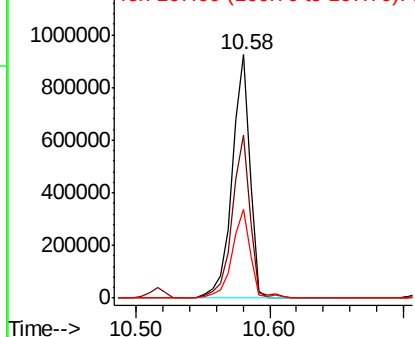


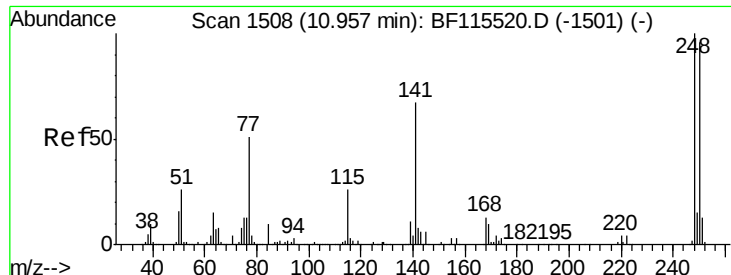
#66
n-Nitrosodiphenylamine
Concen: 40.322 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	868728		
168	66.7	54.3	81.5	
167	36.6	30.2	45.2	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





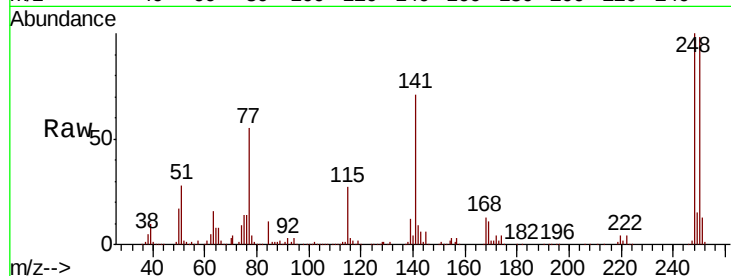
#67
 4-Bromophenyl-phenylether
 Concen: 38.247 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :
 PB121365BS

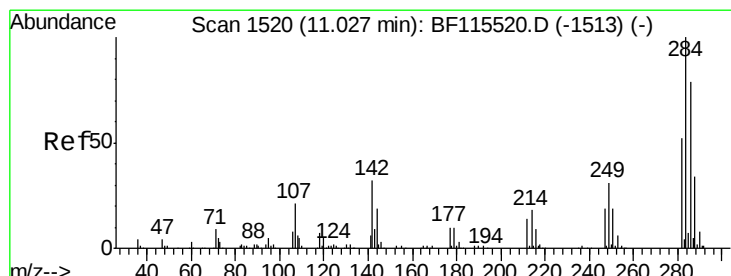
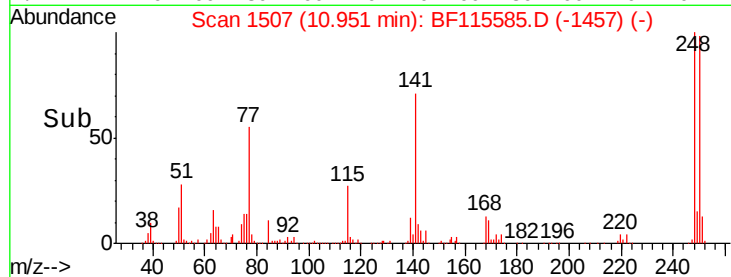
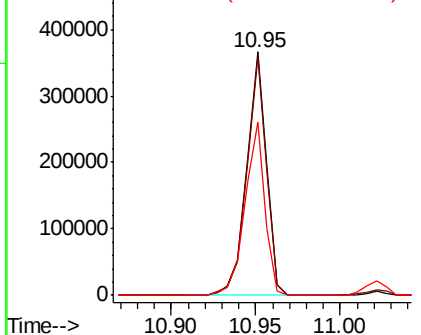
Tot Ion:	248	Resp:	302724
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.0	117.0
141	71.2	57.7	86.5

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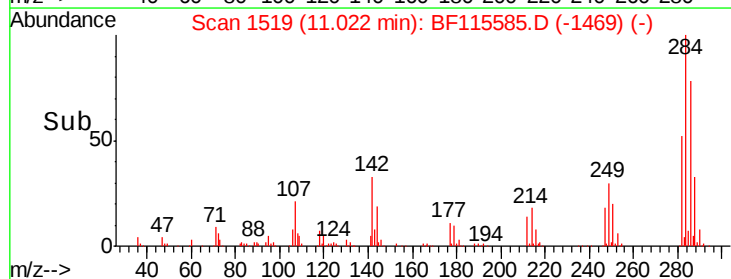
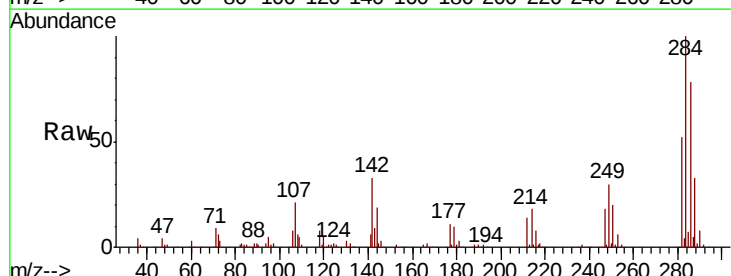
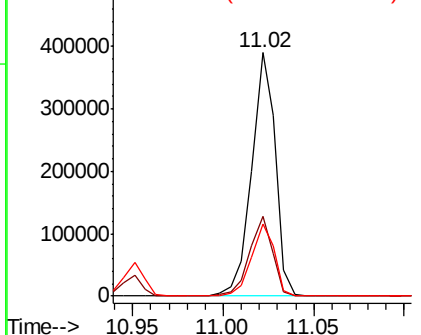
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

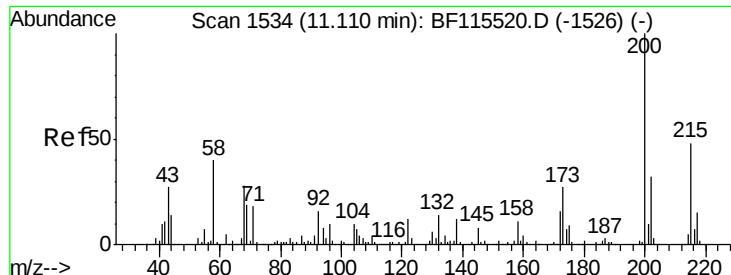


#68
 Hexachlorobenzene
 Concen: 39.111 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion:	284	Resp:	353517
Ion Ratio	Lower	Upper	
284	100		
142	33.0	22.2	33.2
249	29.8	23.4	35.2

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





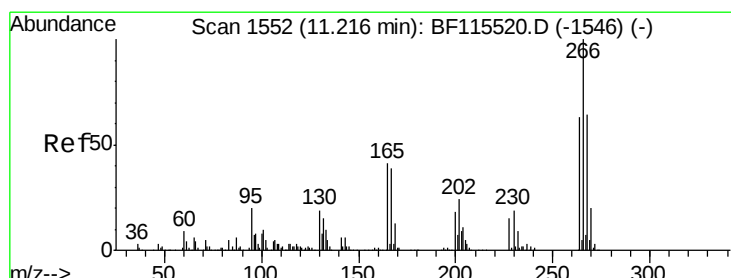
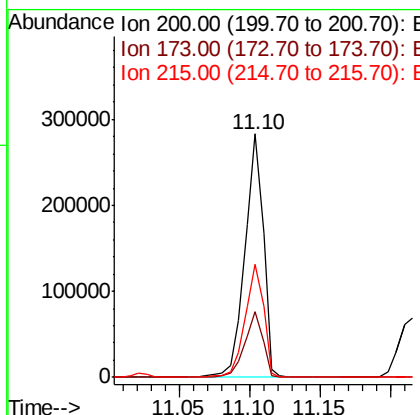
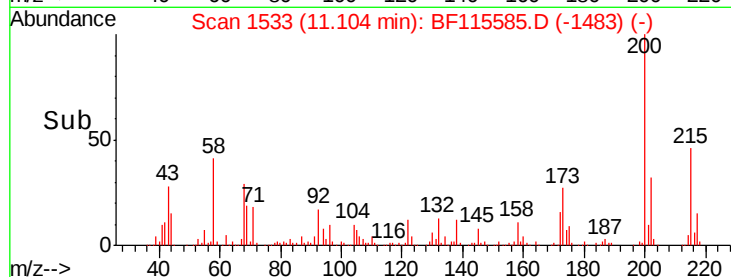
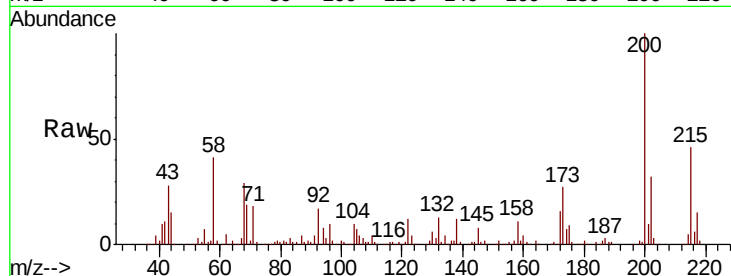
#69
Atrazine
Concen: 36.533 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	6.9	46.9
215	46.4	27.9	67.9

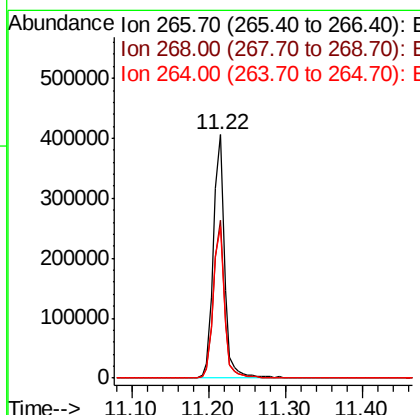
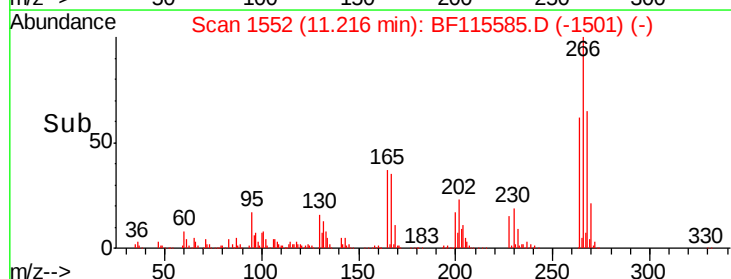
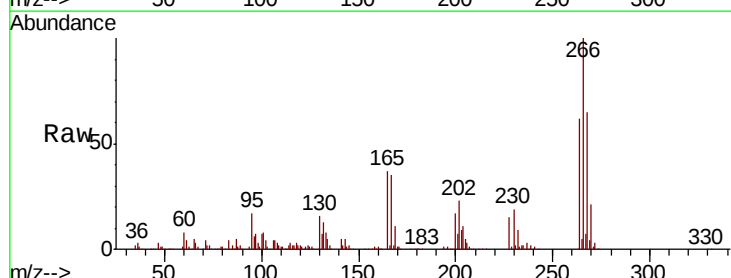
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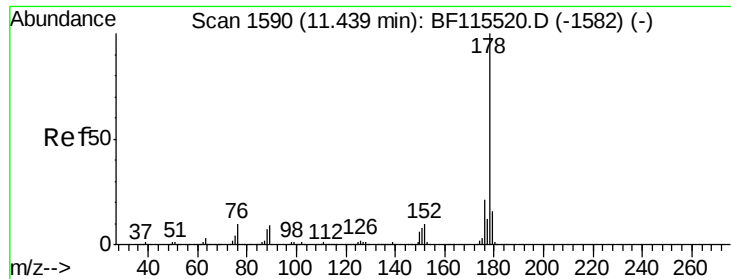
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#70
Pentachlorophenol
Concen: 73.018 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.8	51.6	77.4
264	62.0	50.6	76.0





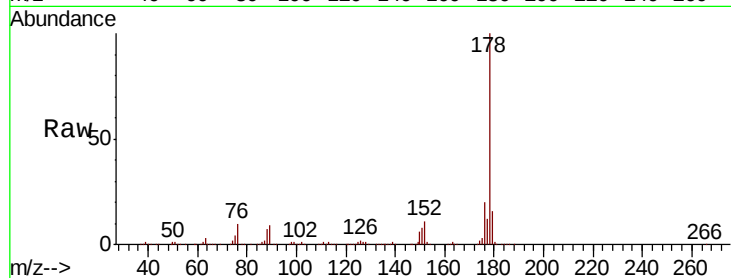
#71
Phenanthrene
Concen: 38.456 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

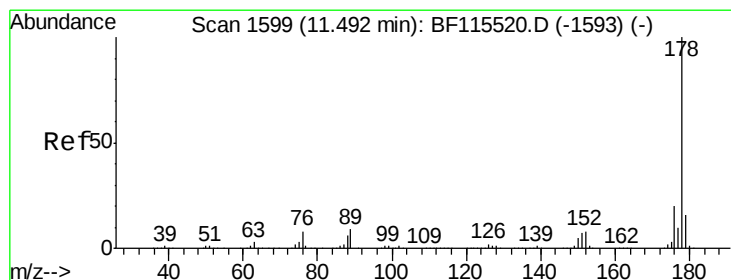
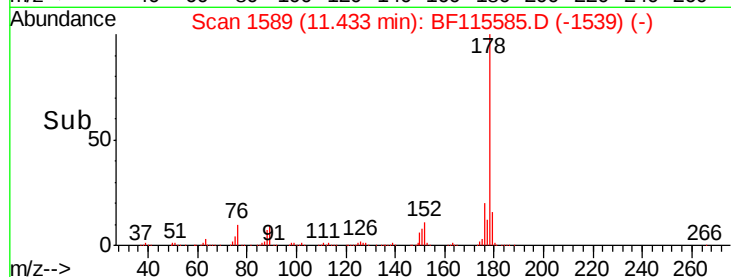
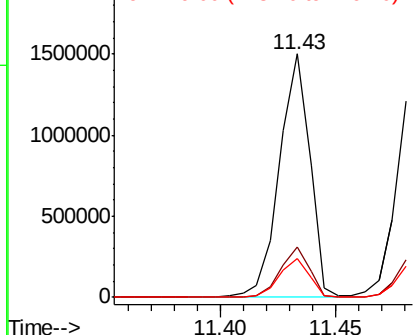
Tot Ion:178 Resp: 1365306
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 16.0 13.5 20.3

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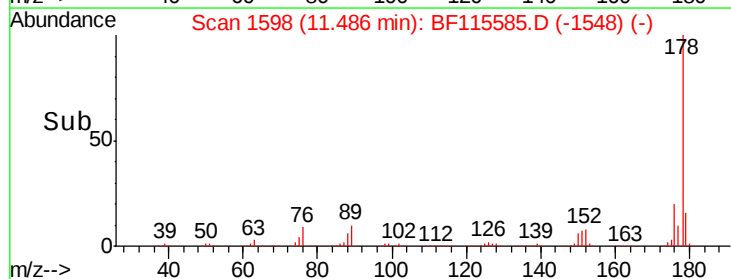
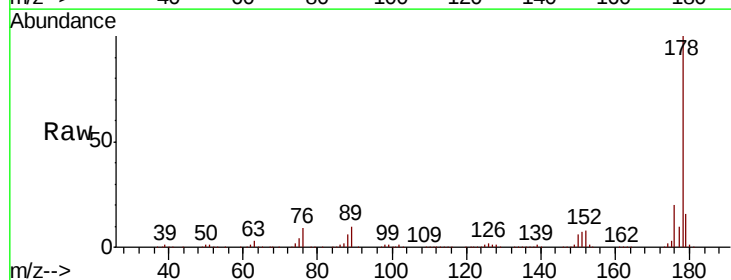
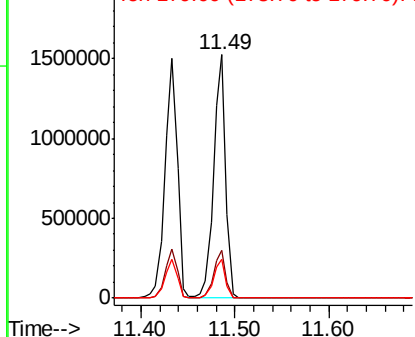
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

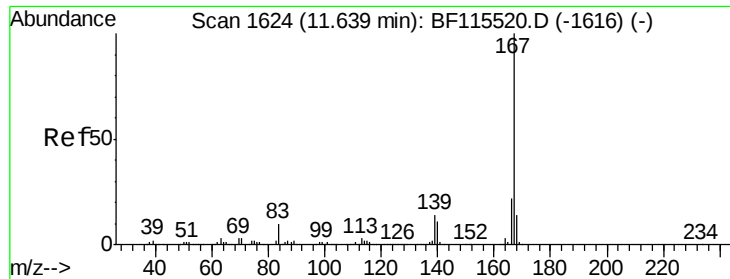


#72
Anthracene
Concen: 37.793 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion:178 Resp: 1386666
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.0 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 38.614 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

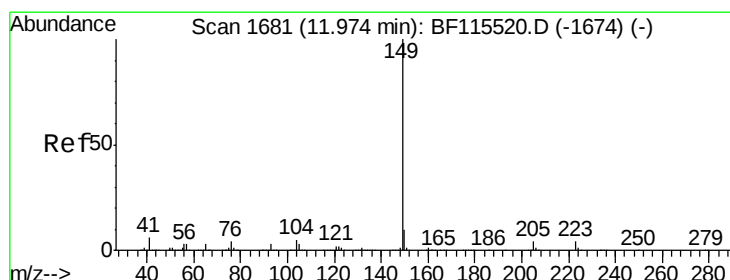
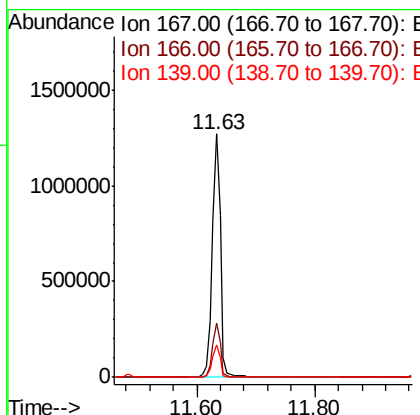
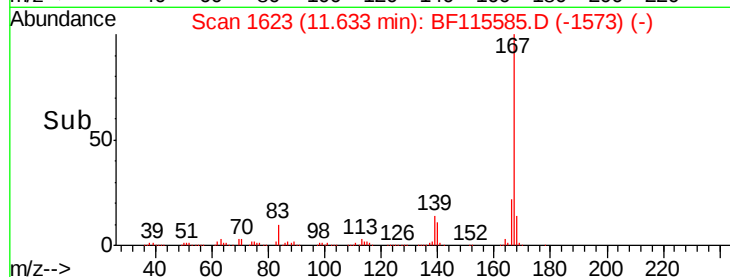
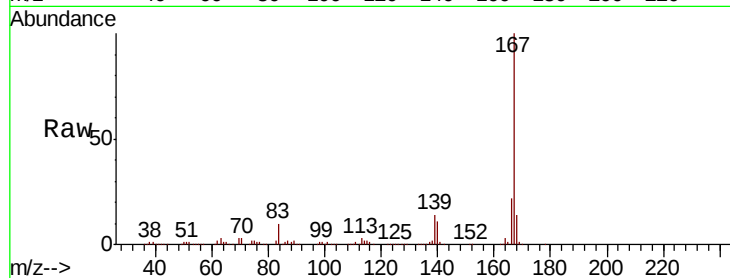
Instrument :
 BNA_F
 ClientSampleId :
 PB121365BS

Tot Ion:167 Resp: 1242404

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.5	11.3	16.9

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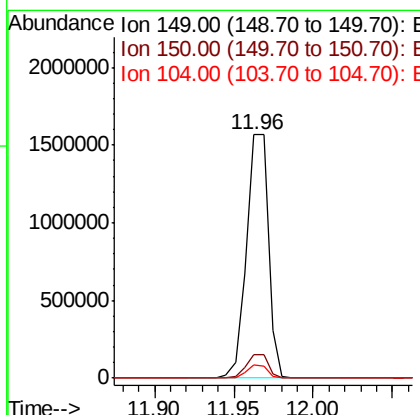
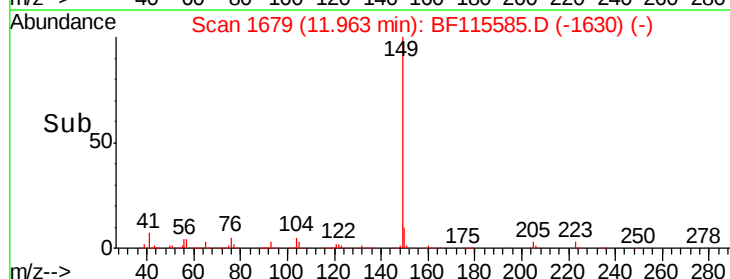
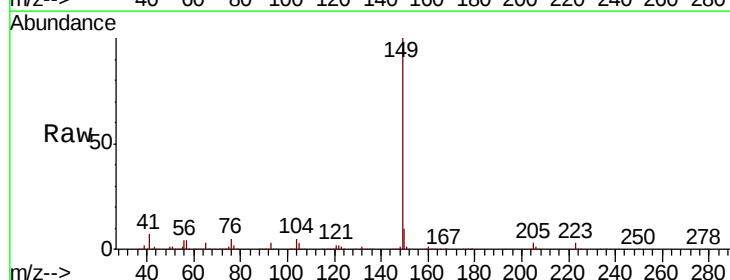
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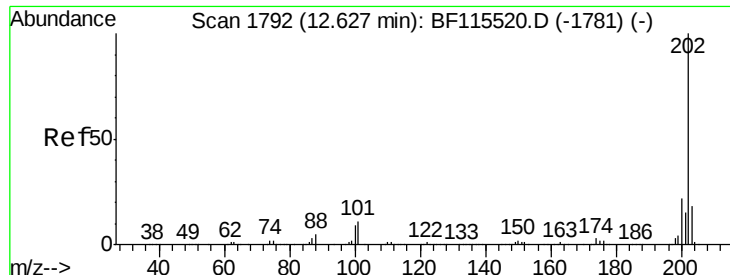


#74
 Di-n-butylphthalate
 Concen: 37.979 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion:149 Resp: 1505176

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.2	3.8	5.8





#75

Fluoranthene

Concen: 37.743 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

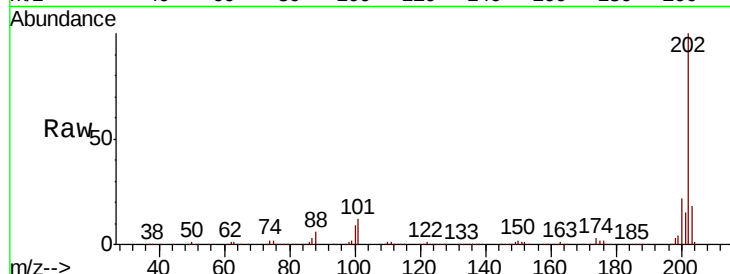
ClientSampleId :

PB121365BS

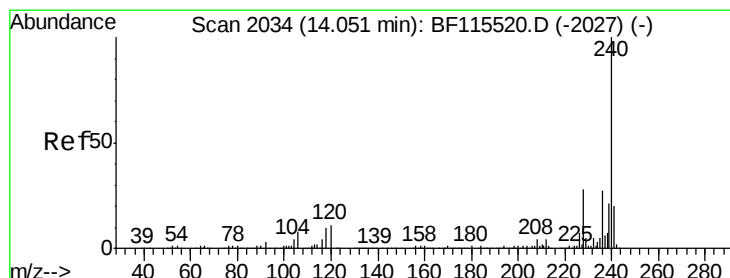
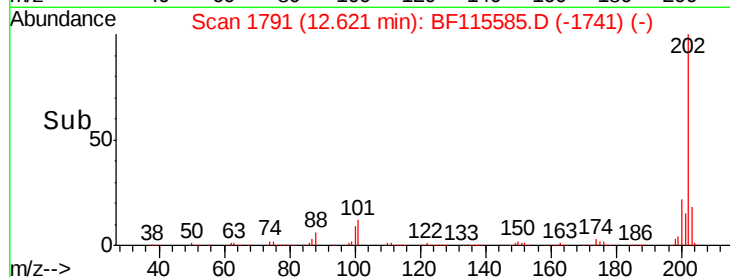
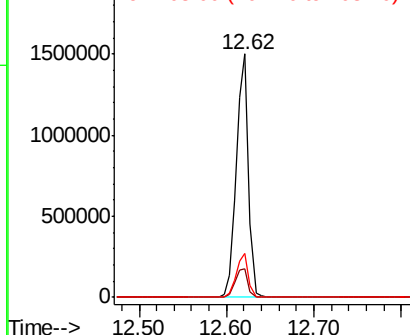
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1415991		
101	11.7	0.0	31.4		
203	18.0	0.0	38.1		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

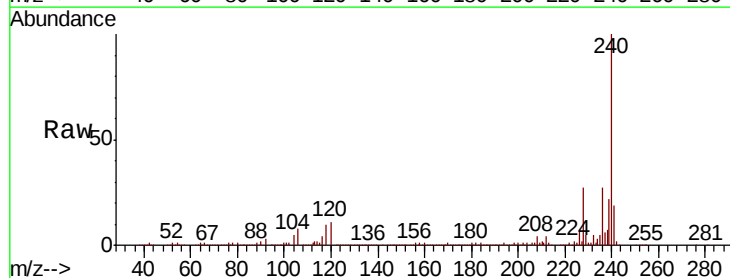
RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

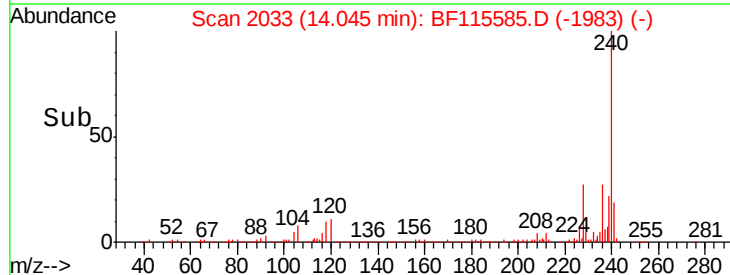
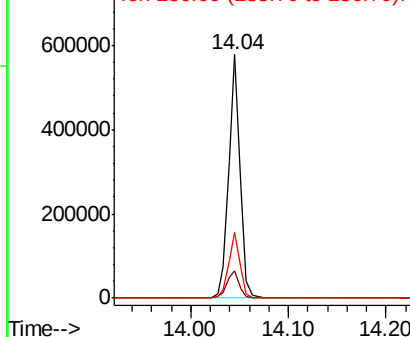
Lab File: BF115585.D

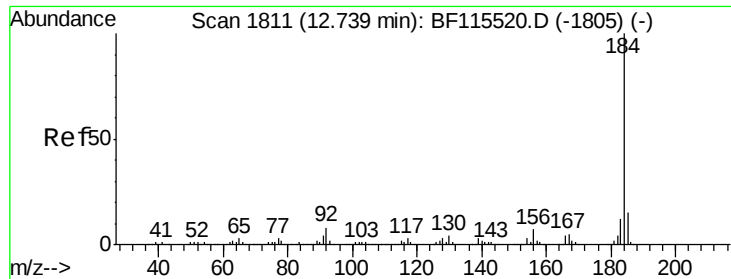
Acq: 16 Jul 2019 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		463473		
120	11.3	8.6	13.0		
236	27.1	21.3	31.9		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.557 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

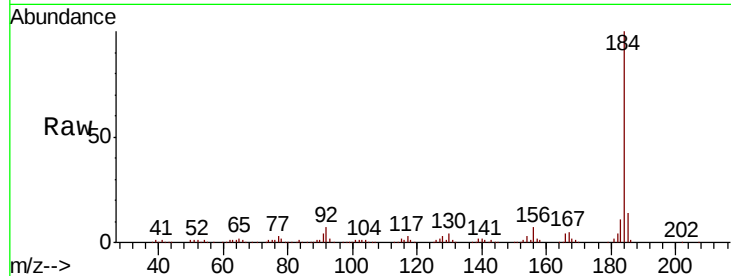
ClientSampleId :

PB121365BS

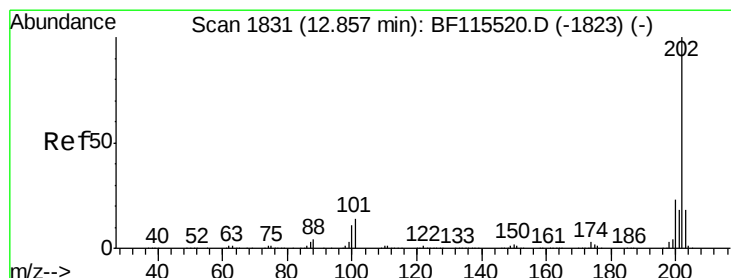
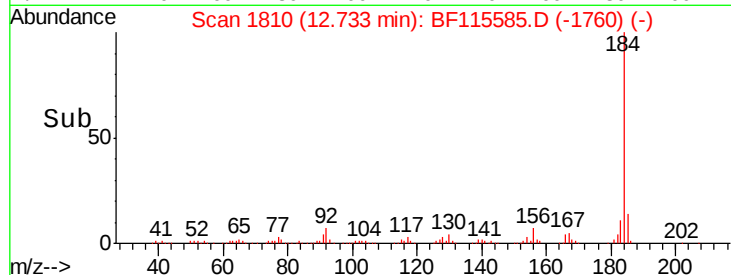
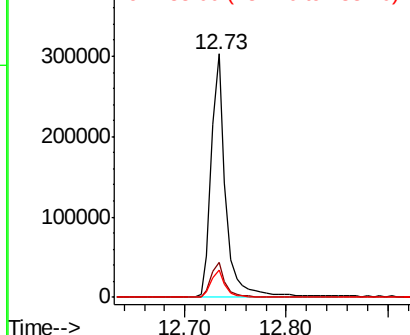
Tot Ion:	184	Resp:	304676
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.0	18.0
183	11.5	9.3	13.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.047 ng

RT: 12.85 min Scan# 1830

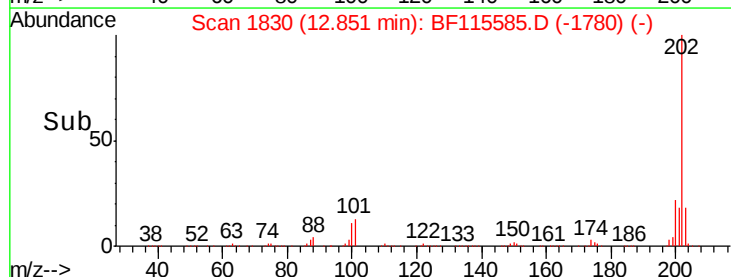
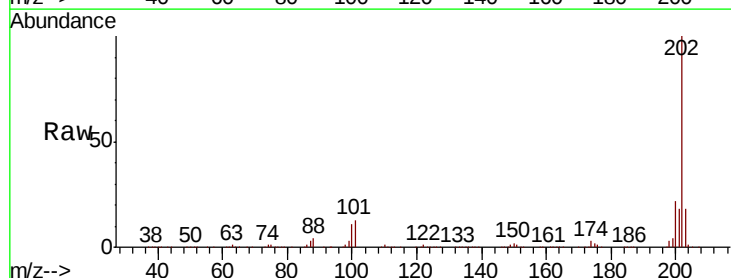
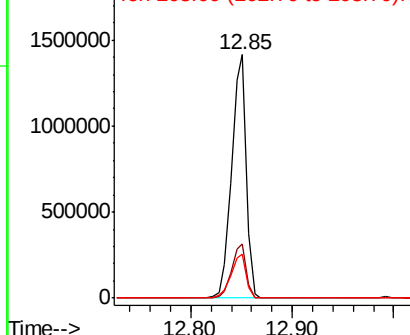
Delta R.T. -0.01 min

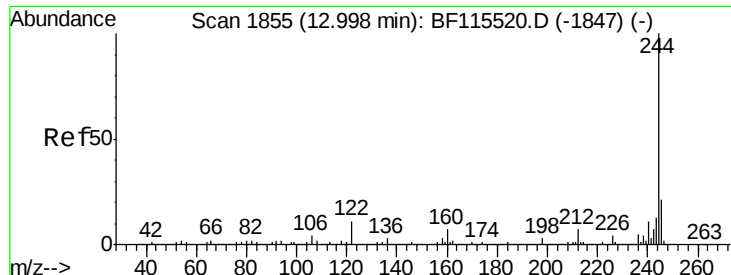
Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Tgt Ion:	202	Resp:	1415446
Ion Ratio	Lower	Upper	
202	100		
200	22.4	18.7	28.1
203	18.1	15.2	22.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





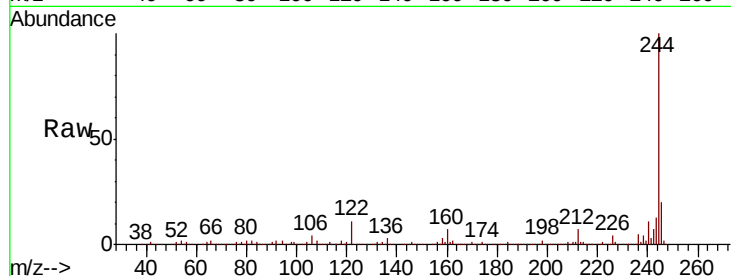
#79
 Terphenyl-d14
 Concen: 76.012 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :
 PB121365BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	10.9	8.6	12.8

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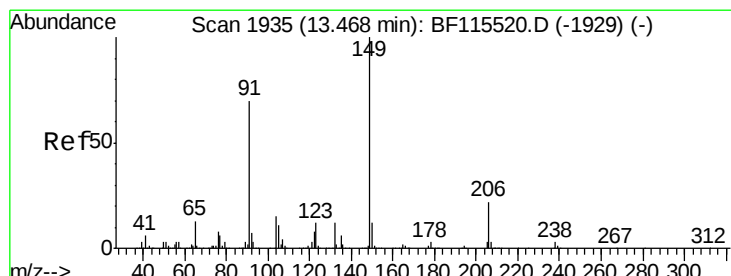
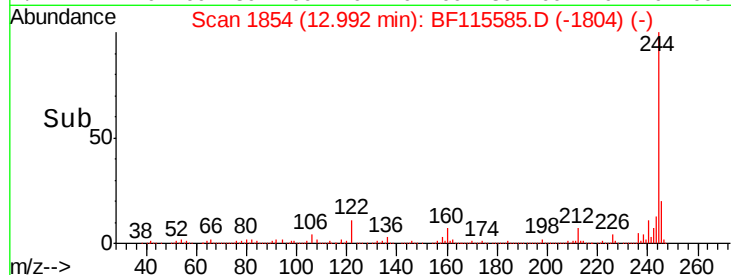
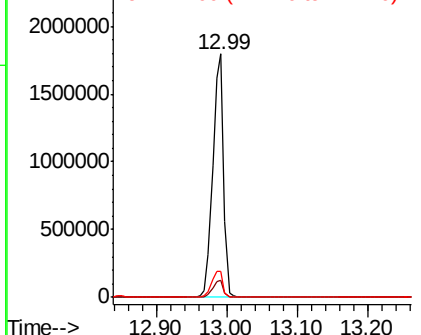


Abundance

Ion 244.00 (243.70 to 244.70): E

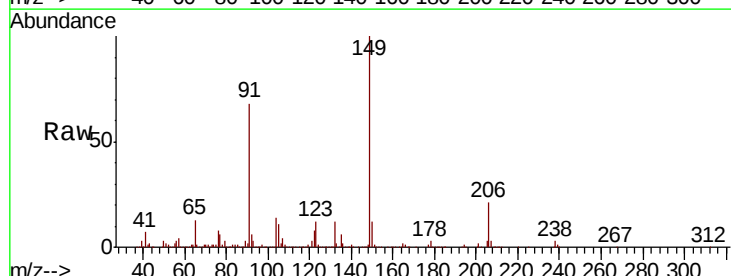
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 39.580 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.0	55.8	83.8
206	21.5	18.2	27.2

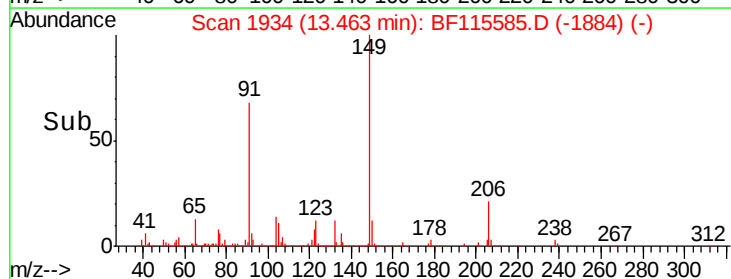
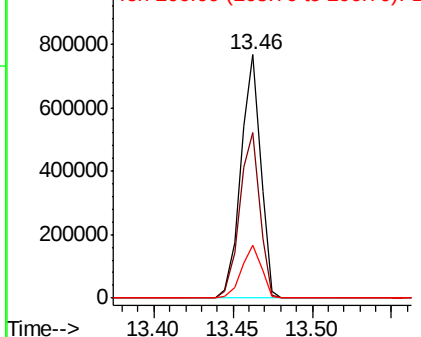


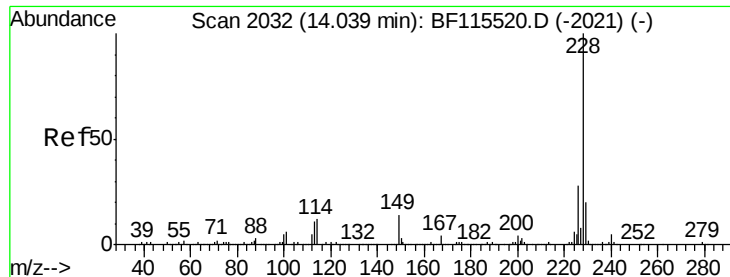
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





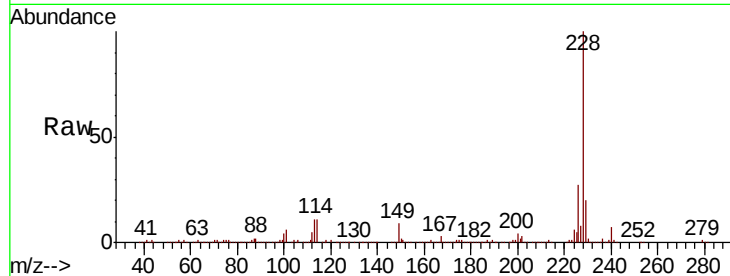
#81
Benzo(a)anthracene
Concen: 37.187 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.4	35.0
229	19.9	17.2	25.8

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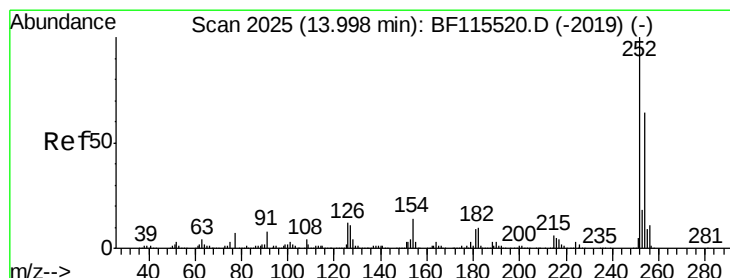
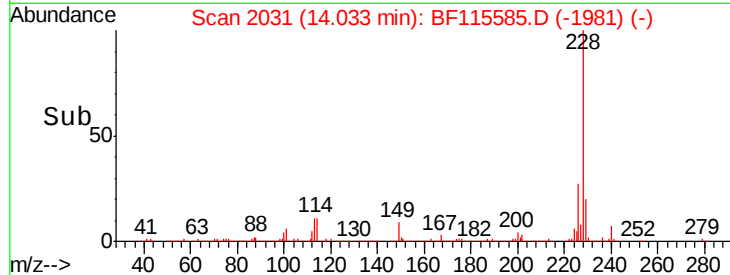
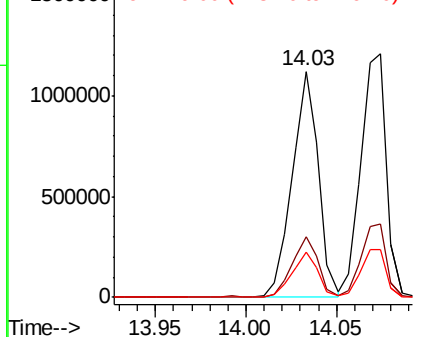


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 32.063 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

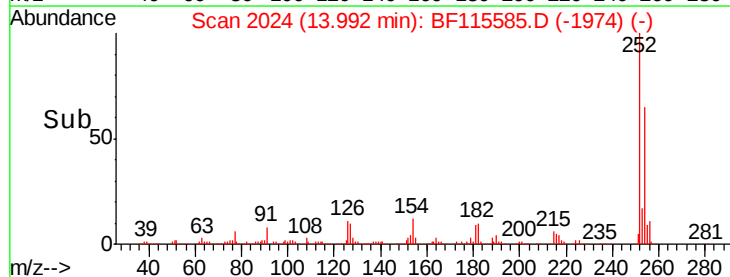
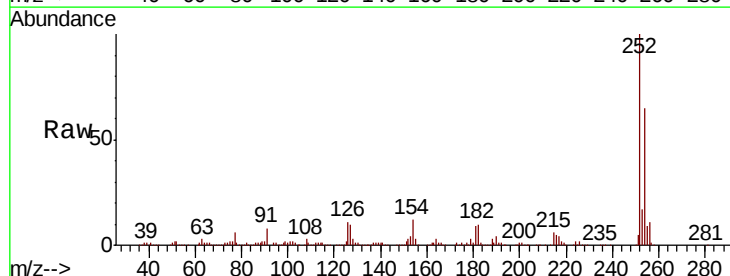
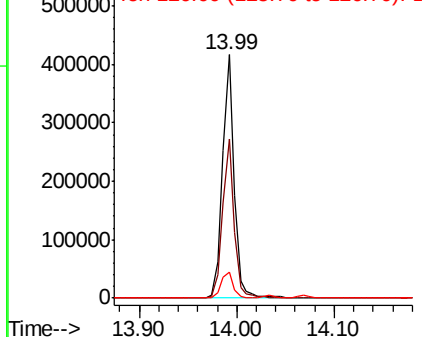
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.9	79.3
126	10.7	9.9	14.9

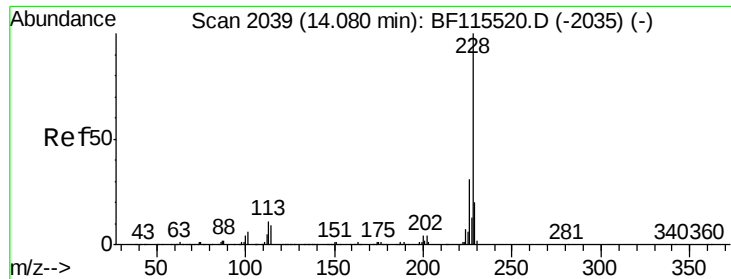
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





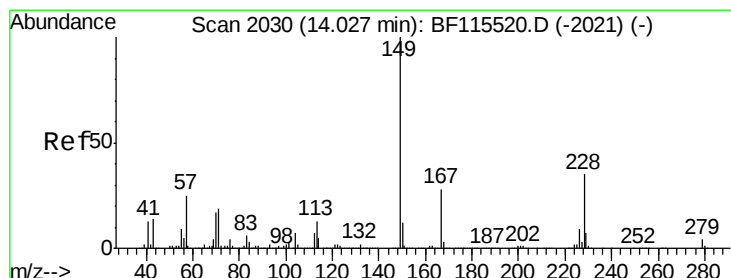
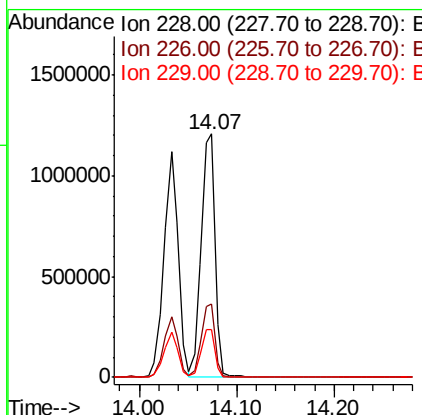
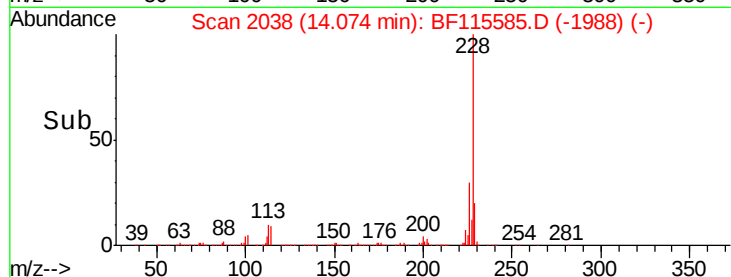
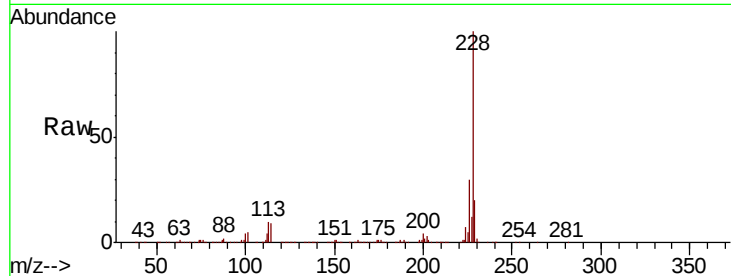
#83
Chrysene
Concen: 38.895 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.7	38.5
229	19.5	16.6	25.0

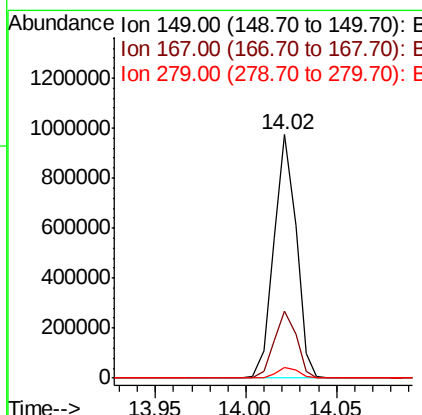
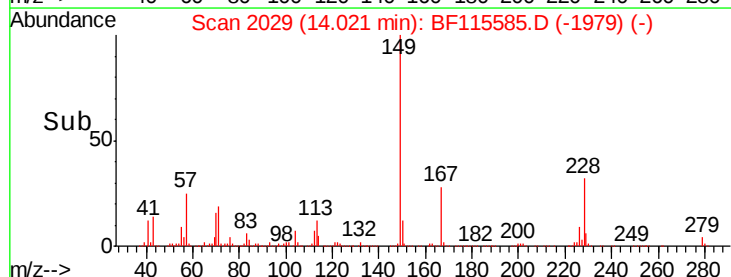
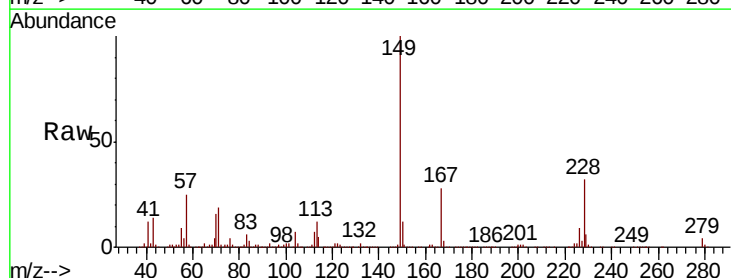
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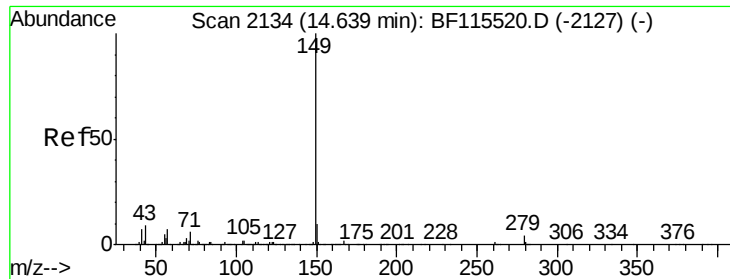
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.475 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.0	34.4
279	4.3	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 41.442 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

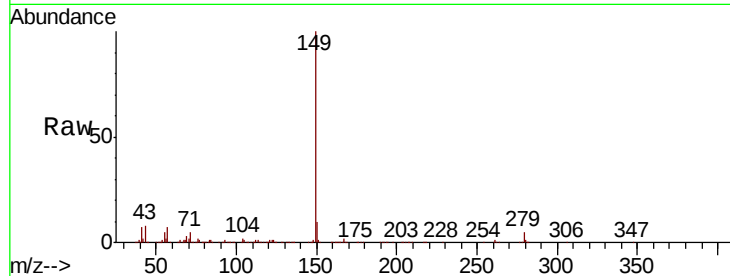
ClientSampleId :

PB121365BS

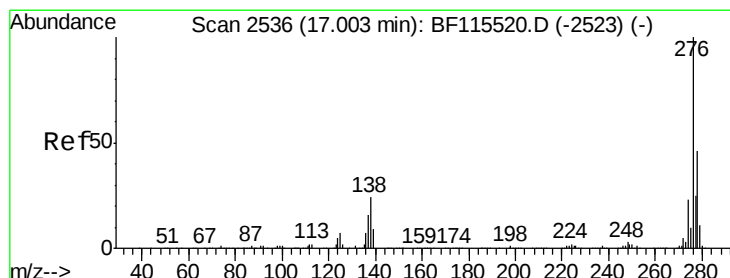
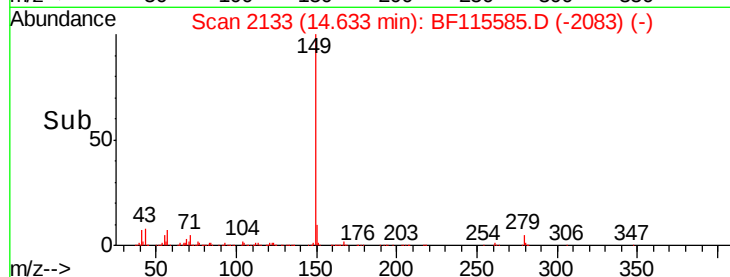
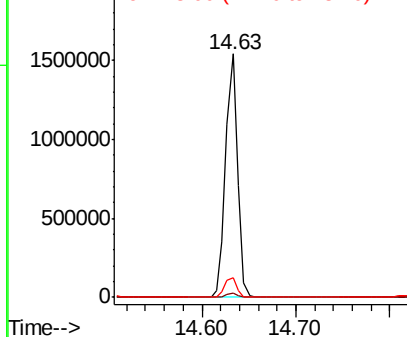
Tot Ion:	149	Resp:	1367210
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.2	7.2	10.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.864 ng

RT: 16.99 min Scan# 2533

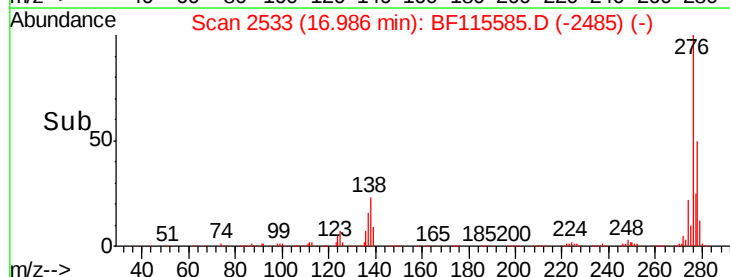
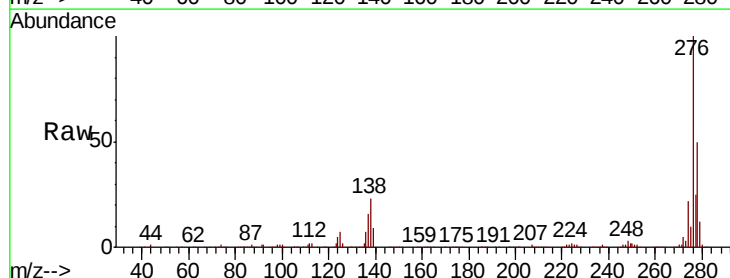
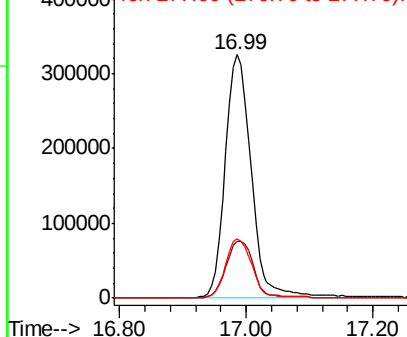
Delta R.T. -0.02 min

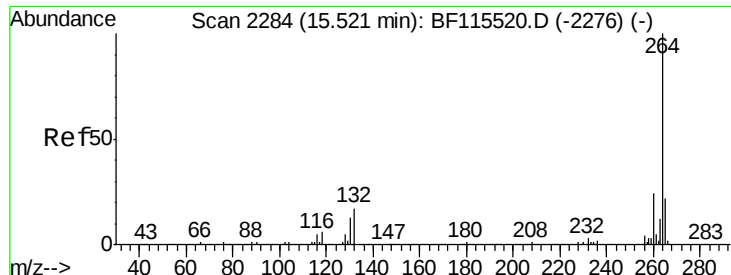
Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Tgt Ion:	276	Resp:	933937
Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.2
277	25.0	20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





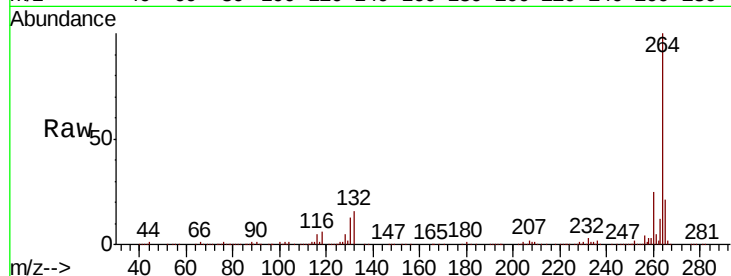
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

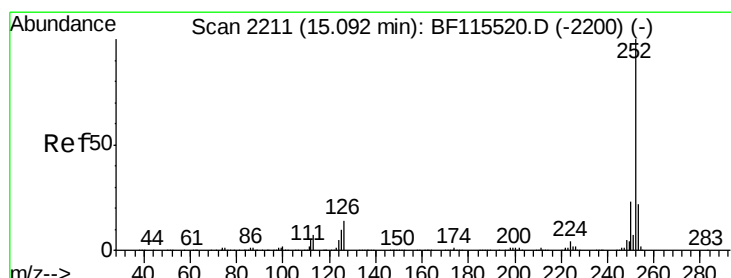
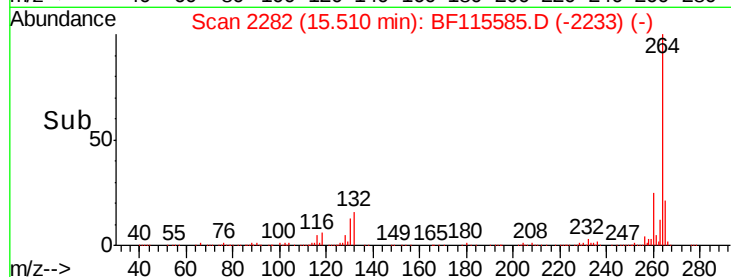
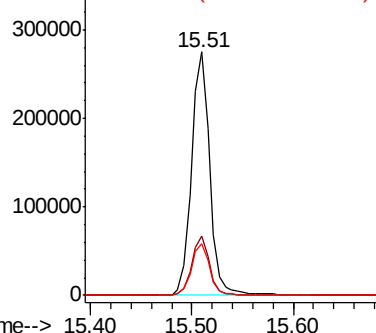
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	21.1	17.7	26.5

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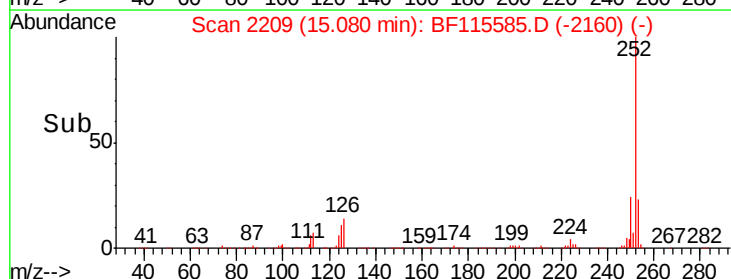
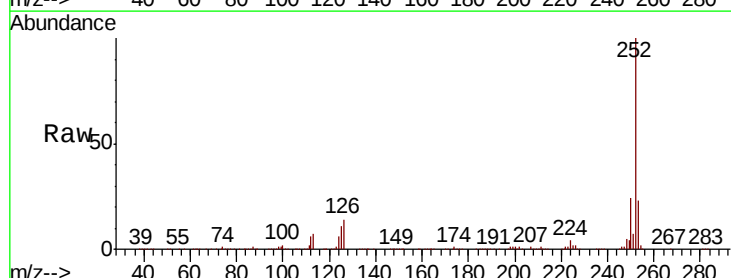
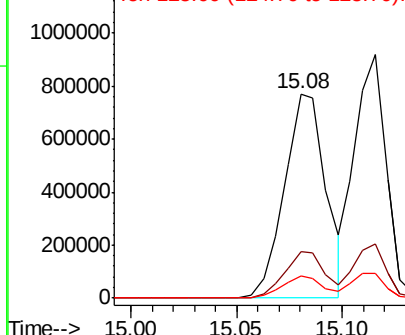
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

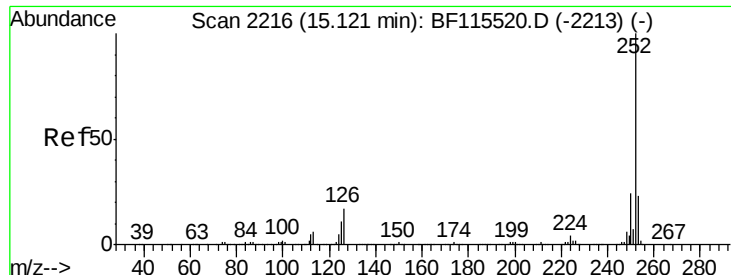


#88
Benzo(b)fluoranthene
Concen: 47.891 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.0	9.0	13.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





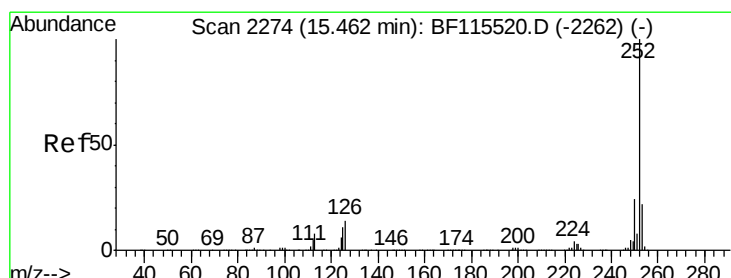
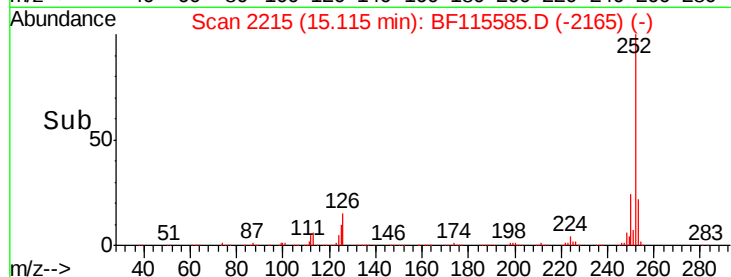
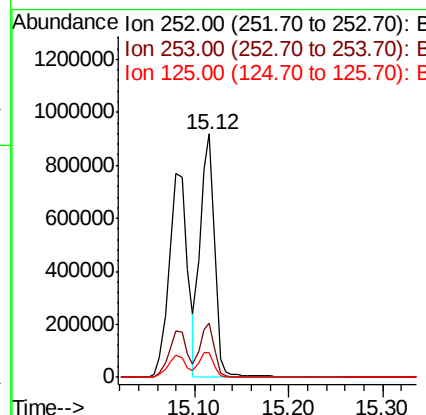
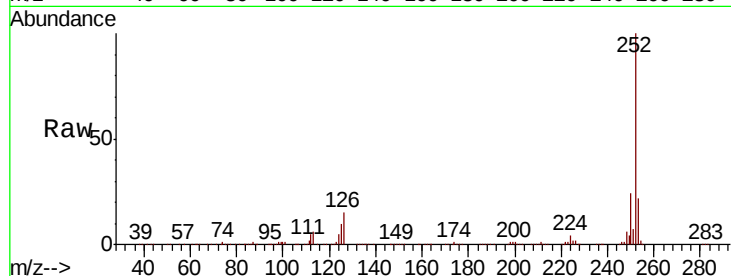
#89
Benzo(k)fluoranthene
Concen: 49.051 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	28.0
125	10.0	9.0	13.6

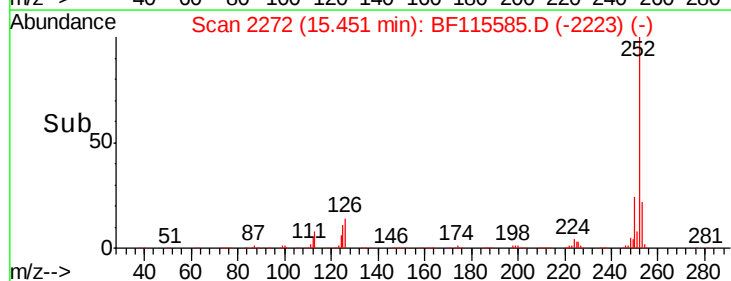
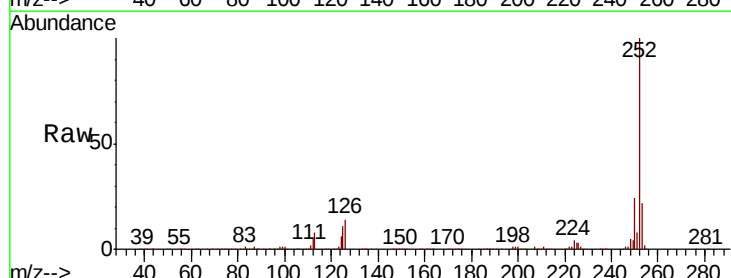
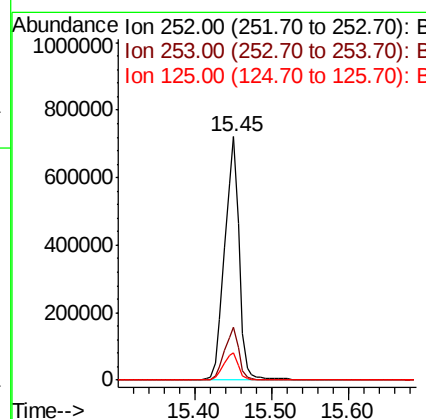
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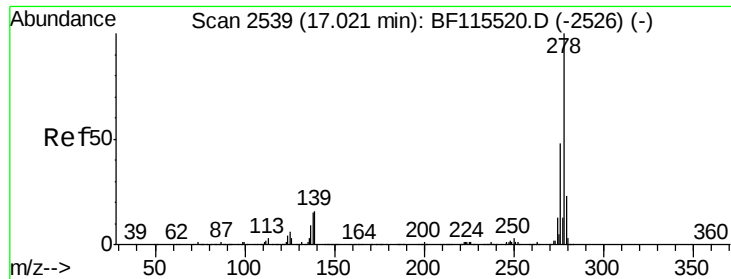
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#90
Benzo(a)pyrene
Concen: 49.066 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	11.3	9.1	13.7





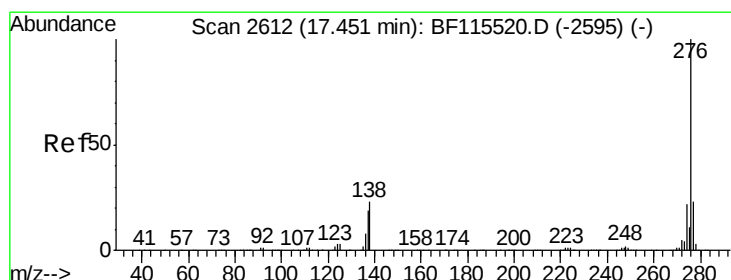
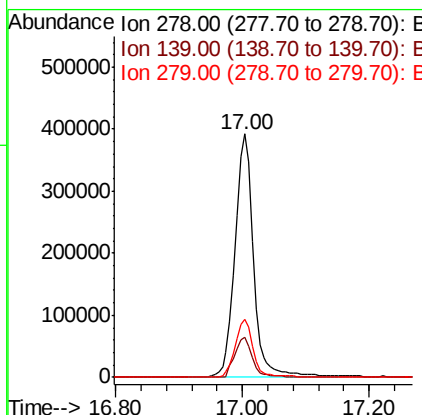
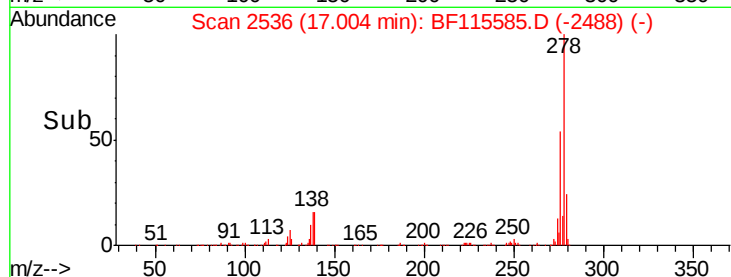
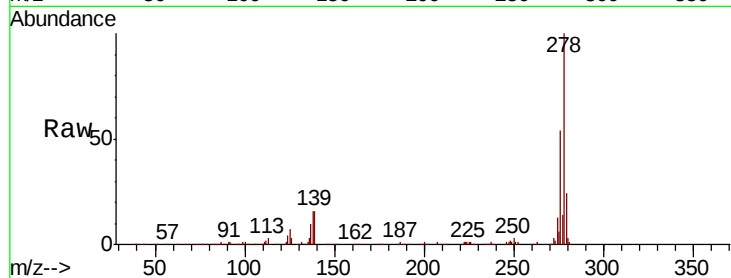
#91
Dibenzo(a,h)anthracene
Concen: 47.511 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :
PB121365BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.1	19.7
279	23.9	19.6	29.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 43.645 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.02 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.4
138	22.4	17.2	25.8

