

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115584.D
 Acq On : 16 Jul 2019 9:06
 Operator : HP/JU
 Sample : PB121322BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121322BS

Manual Integrations
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mohammad
 7/17/2019 12:05:25 PM

Quant Time: Jul 16 15:36:51 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	6.89	152	198668	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	819972	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	354346	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	692467	20.00	ng	0.00
76) Chrysene-d12	14.04	240	446707	20.00	ng	0.00
87) Perylene-d12	15.52	264	325570	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1309176	107.79	ng	0.02
7) Phenol-d6	6.52	99	1708019	110.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	1064631	75.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	454052	109.78	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1930190	95.34	ng	0.00
79) Terphenyl-d14	12.99	244	1821370	75.23	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.79	88	193481	31.936 ng	98
3) Pyridine	3.53	79	482698	29.366 ng	99
4) n-Nitrosodimethylamine	3.48	42	212768	35.681 ng	97
6) Aniline	6.55	93	536497	25.015 ng	98
8) 2-Chlorophenol	6.67	128	533146	38.180 ng	96
9) Benzaldehyde	6.43	77	95135	9.878 ng	99
10) Phenol	6.53	94	671191	37.516 ng	84
11) bis(2-Chloroethyl)ether	6.62	93	505904	37.141 ng	99
12) 1,3-Dichlorobenzene	6.83	146	548210	34.917 ng	99
13) 1,4-Dichlorobenzene	6.90	146	554046	35.369 ng	97
14) 1,2-Dichlorobenzene	7.06	146	515710	36.014 ng	97
15) Benzyl Alcohol	7.02	79	472541	38.652 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	686710	38.294 ng	96
17) 2-Methylphenol	7.13	107	457161	37.989 ng	100
18) Hexachloroethane	7.40	117	206258	35.474 ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	372715	37.082 ng	98
20) 3+4-Methylphenols	7.29	107	542249	37.935 ng	96
22) Acetophenone	7.29	105	731217	39.473 ng	# 94
24) Nitrobenzene	7.46	77	581564	38.236 ng	97
25) Isophorone	7.70	82	1072864	38.021 ng	100
26) 2-Nitrophenol	7.78	139	307374	39.262 ng	96
27) 2,4-Dimethylphenol	7.82	122	512663	43.766 ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	661433	38.209 ng	99
29) 2,4-Dichlorophenol	8.02	162	466295	38.276 ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	506429	36.776 ng	98
31) Naphthalene	8.19	128	1533374	38.613 ng	97
32) Benzoic acid	7.95	122	381065	39.640 ng	99
33) 4-Chloroaniline	8.23	127	367778	20.908 ng	98
34) Hexachlorobutadiene	8.31	225	290255	36.756 ng	99
35) Caprolactam	8.60	113	147059m	39.065 ng	
36) 4-Chloro-3-methylphenol	8.72	107	491496	38.894 ng	100
37) 2-Methylnaphthalene	8.88	142	1050215	39.897 ng	98
38) 1-Methylnaphthalene	8.98	142	989125	39.560 ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	476735	44.677 ng	98

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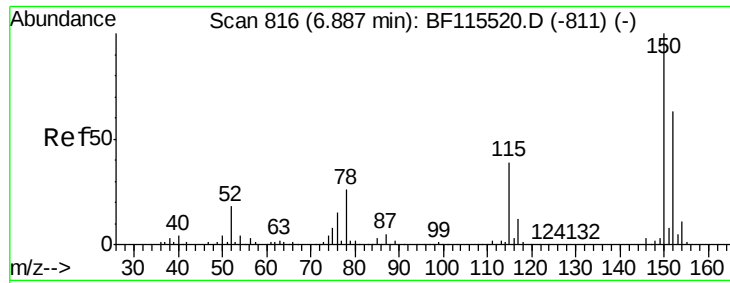
Manual Integrations
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 7/17/2019 12:05:25 PM

Quant Time: Jul 16 15:36:51 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)
41) Hexachlorocyclopentadiene	9.04	237	389492	63.988	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	340052	43.578	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	356137	44.565	nq	99
46) 1,1'-Biphenyl	9.35	154	1258204	45.419	nq	99
47) 2-Chloronaphthalene	9.37	162	1009874	43.781	nq	98
48) 2-Nitroaniline	9.46	65	310479	43.488	nq	95
49) Acenaphthylene	9.79	152	1322554	38.695	nq	97
50) Dimethylphthalate	9.65	163	1122931	42.121	nq	99
51) 2,6-Dinitrotoluene	9.70	165	239095	39.463	nq	87
52) Acenaphthene	9.96	154	929253	42.112	nq	98
53) 3-Nitroaniline	9.87	138	172386	24.898	nq	99
54) 2,4-Dinitrophenol	9.98	184	249926	80.346	nq	95
55) Dibenzofuran	10.13	168	1189350	37.954	nq	100
56) 4-Nitrophenol	10.03	139	371564	70.378	nq	99
57) 2,4-Dinitrotoluene	10.10	165	316290	40.295	nq	98
58) Fluorene	10.47	166	884196	39.469	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	270555	40.500	nq	98
60) Diethylphthalate	10.35	149	973595	38.976	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	456436	36.740	nq	98
62) 4-Nitroaniline	10.49	138	231720	34.891	nq	99
63) Azobenzene	10.62	77	944154	38.968	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	164096	38.787	nq	99
66) n-Nitrosodiphenylamine	10.58	169	823418	38.227	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	289075	36.530	nq	99
68) Hexachlorobenzene	11.02	284	330096	36.527	nq	# 93
69) Atrazine	11.10	200	249297	35.279	nq	99
70) Pentachlorophenol	11.22	266	395173	71.496	nq	99
71) Phenanthrene	11.43	178	1355240	38.181	nq	98
72) Anthracene	11.49	178	1380881	37.644	nq	99
73) Carbazole	11.63	167	1219253	37.902	nq	99
74) Di-n-butylphthalate	11.97	149	1501188	37.886	nq	100
75) Fluoranthene	12.62	202	1417393	37.788	nq	100
77) Benzidine	12.73	184	305464	19.303	nq	100
78) Pyrene	12.85	202	1419788	37.514	nq	98
80) Butylbenzylphthalate	13.46	149	630606	39.086	nq	98
81) Benzo(a)anthracene	14.03	228	1089561	37.023	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	325758	31.138	nq	97
83) Chrysene	14.07	228	1131415	38.297	nq	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	799403	40.001	nq	# 98
85) Di-n-octyl phthalate	14.64	149	1290245	40.577	nq	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	896614	35.723	nq	100
88) Benzo(b)fluoranthene	15.09	252	972574	46.392	nq	99
89) Benzo(k)fluoranthene	15.12	252	959477	51.335	nq	98
90) Benzo(a)pyrene	15.46	252	869575	48.260	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	768407	48.577	nq	98
92) Benzo(g,h,i)perylene	17.44	276	735361	46.613	nq	100

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



#1

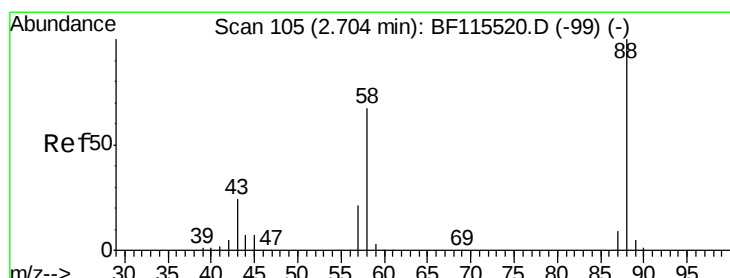
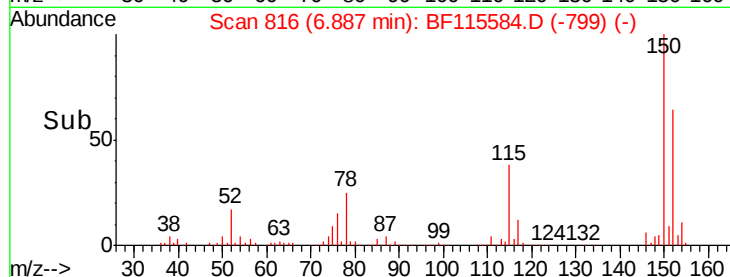
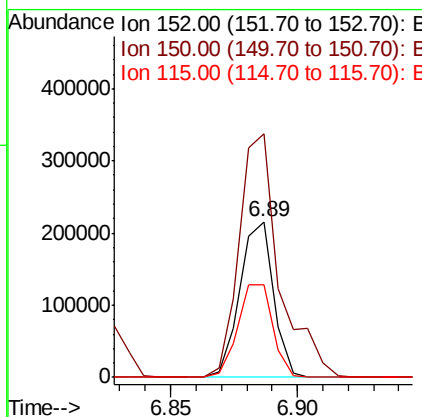
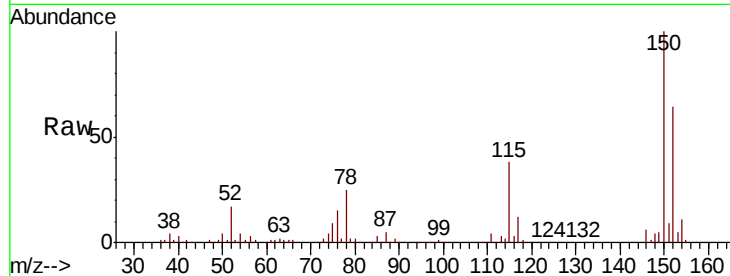
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	129.7	194.5
115	59.2	48.2	72.4

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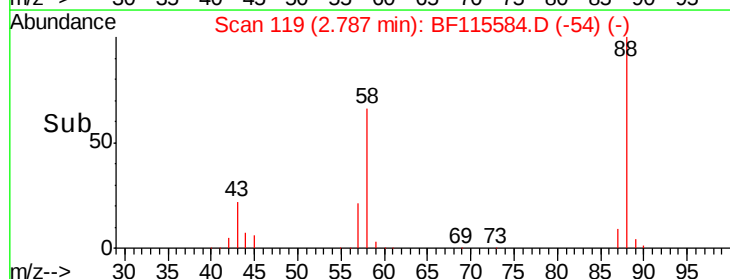
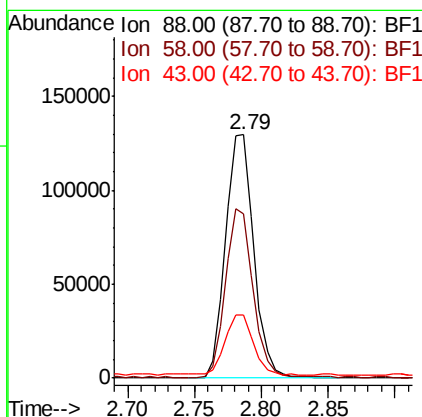
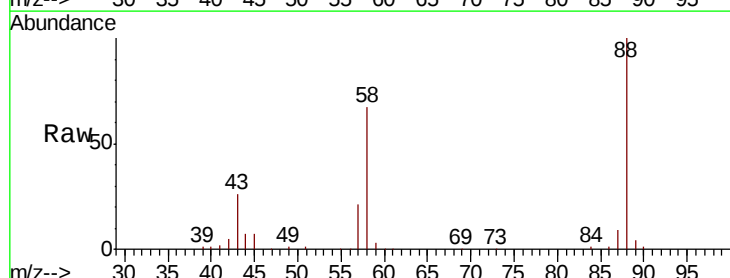
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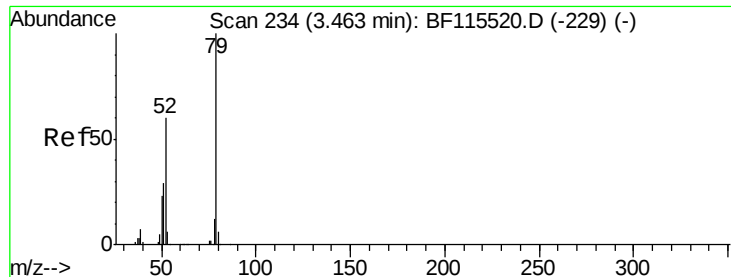


#2

1,4-Dioxane
Concen: 31.936 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.08 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	52.6	79.0
43	24.9	19.1	28.7





#3

Pvridine

Concen: 29.366 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.06 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

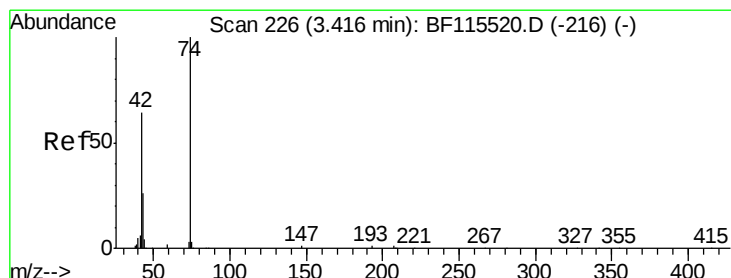
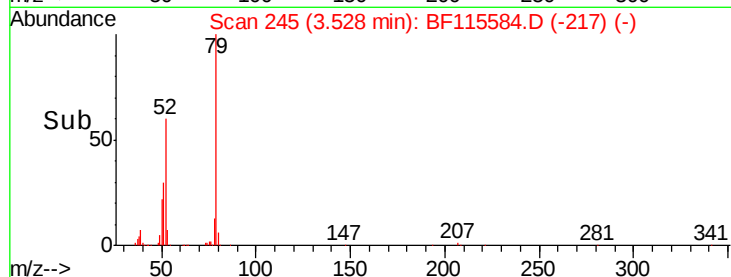
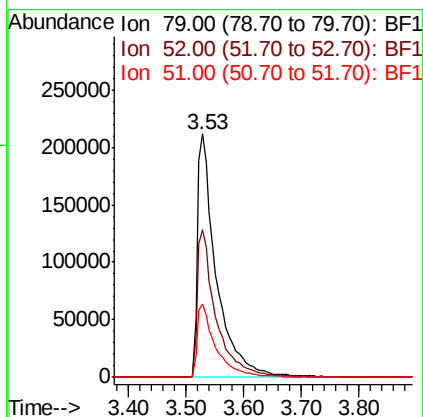
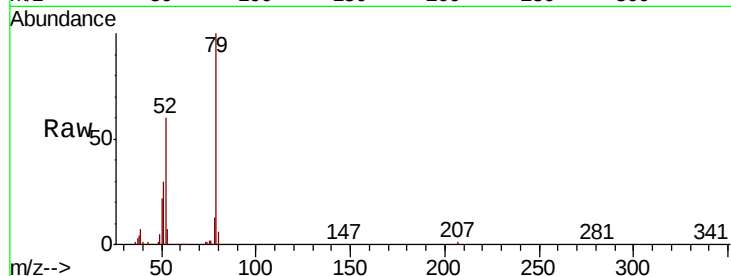
ClientSampled :

PB121322BS

Tot Ion:	79	Resp:	482698
Ion Ratio	Lower	Upper	
79	100		
52	60.4	47.8	71.6
51	30.1	23.8	35.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.681 ng

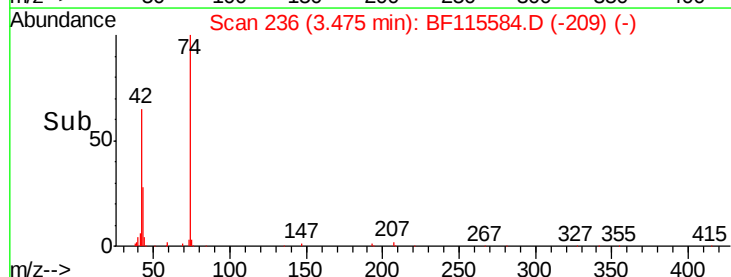
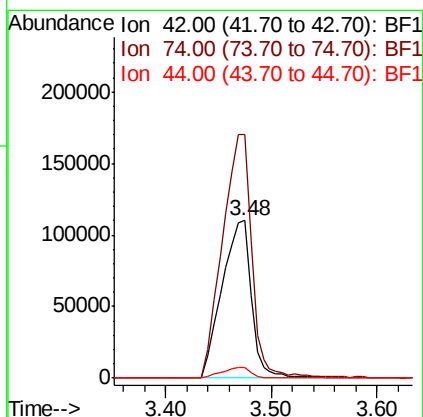
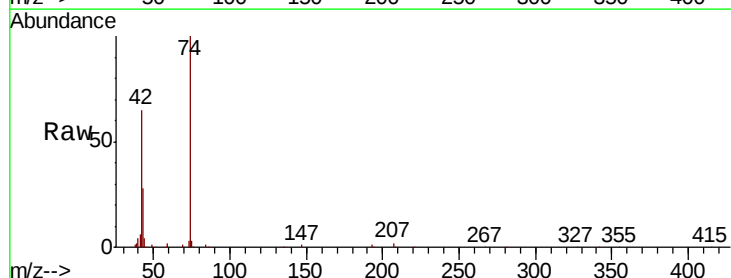
RT: 3.48 min Scan# 236

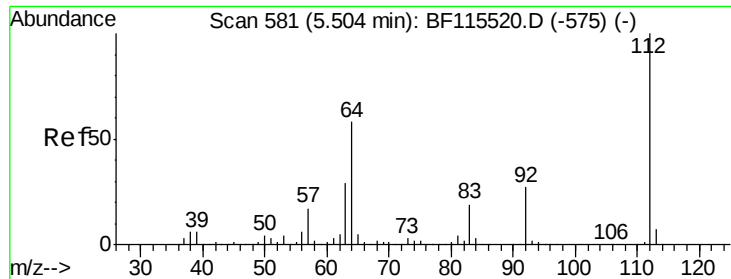
Delta R.T. 0.06 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Tgt Ion:	42	Resp:	212768
Ion Ratio	Lower	Upper	
42	100		
74	154.7	127.5	191.3
44	6.4	5.0	7.6





#5

2-Fluorophenol

Concen: 107.789 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

PB121322BS

Tot Ion:112 Resp: 1309176

Ion Ratio Lower Upper

112 100

64 55.2 46.8 70.2

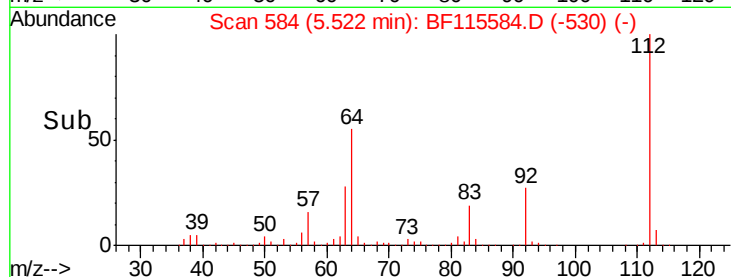
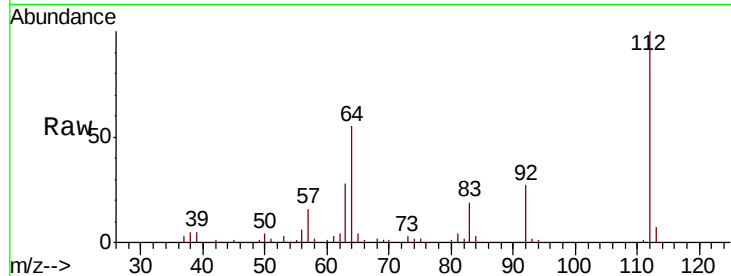
63 28.1 24.1 36.1

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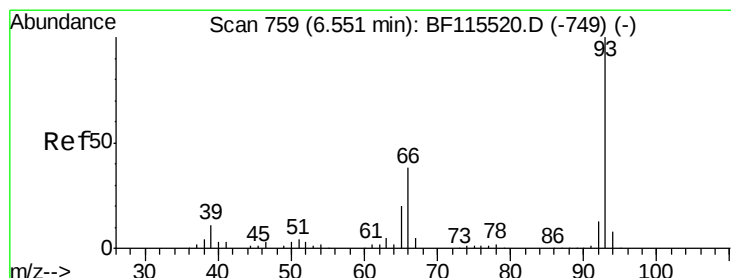
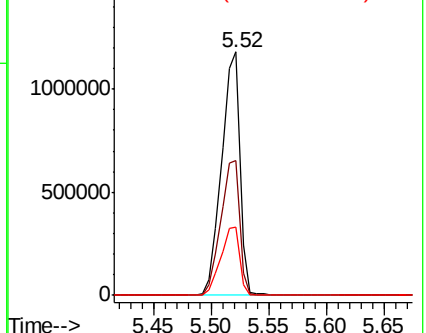
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.015 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

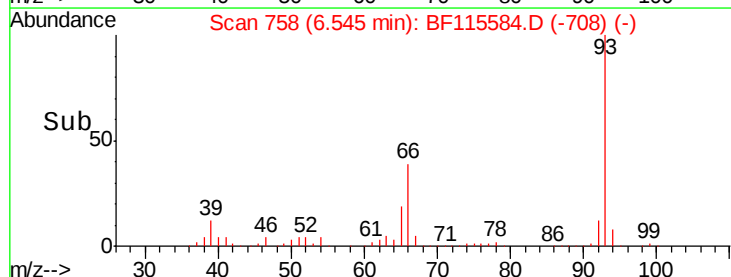
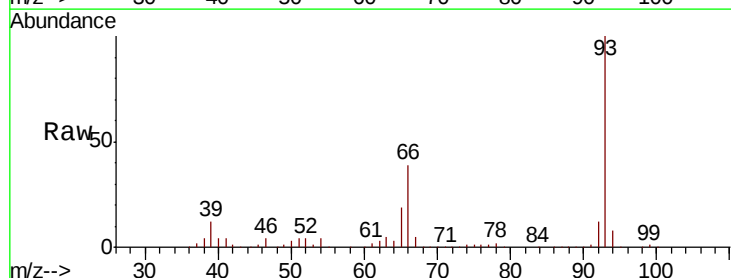
Tgt Ion: 93 Resp: 536497

Ion Ratio Lower Upper

93 100

66 38.7 31.7 47.5

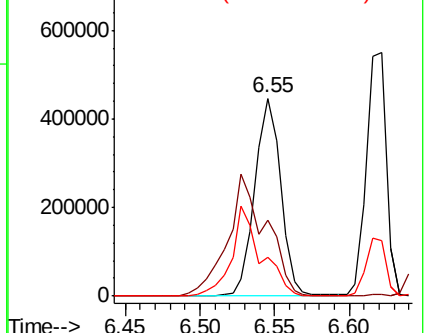
65 19.5 16.2 24.2

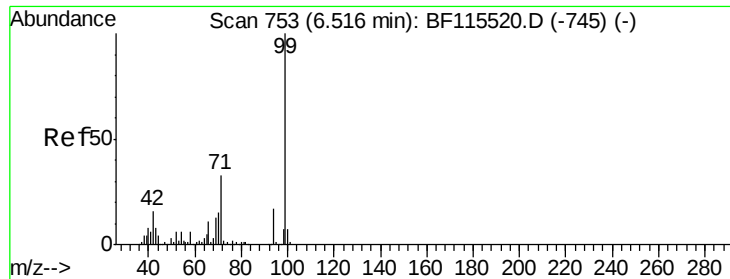


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.828 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

PB121322BS

Tot Ion: 99 Resp: 1708019

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

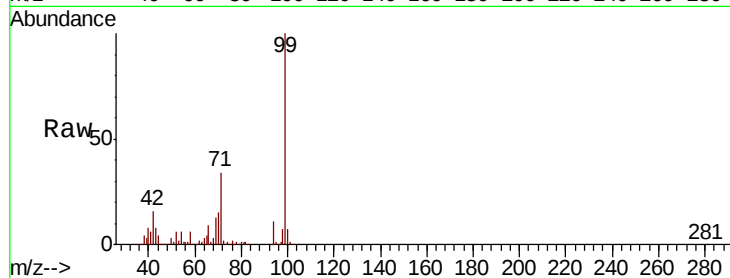
71 33.7 28.5 42.7

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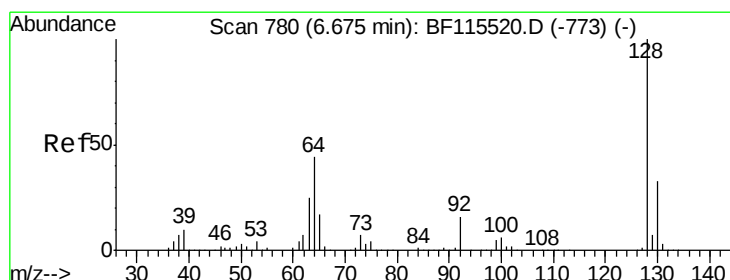
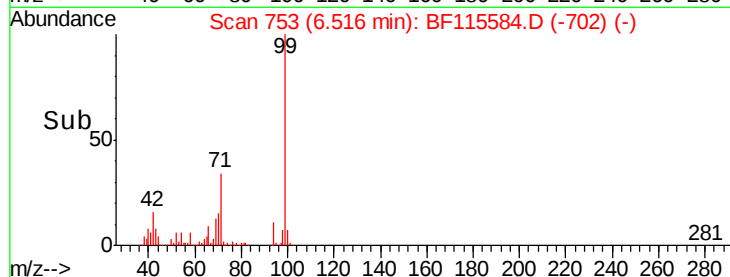
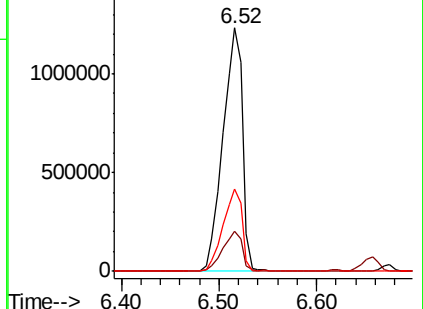
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.180 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

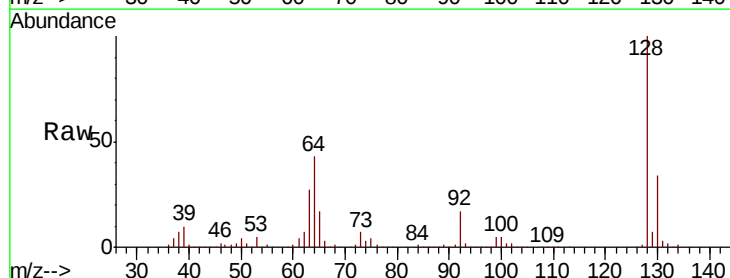
Tgt Ion: 128 Resp: 533146

Ion Ratio Lower Upper

128 100

130 33.6 12.8 52.8

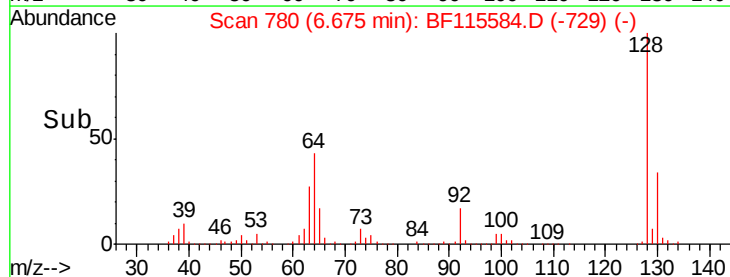
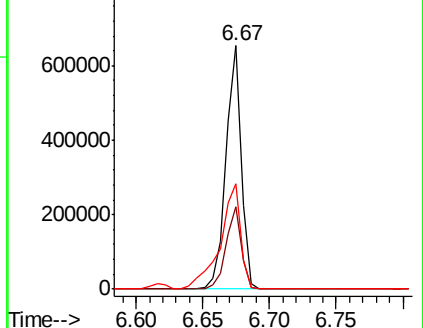
64 43.4 26.8 66.8

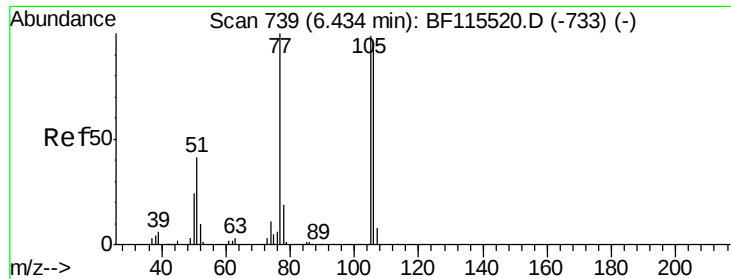


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.878 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

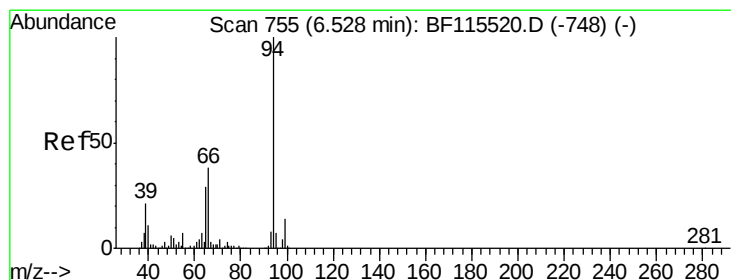
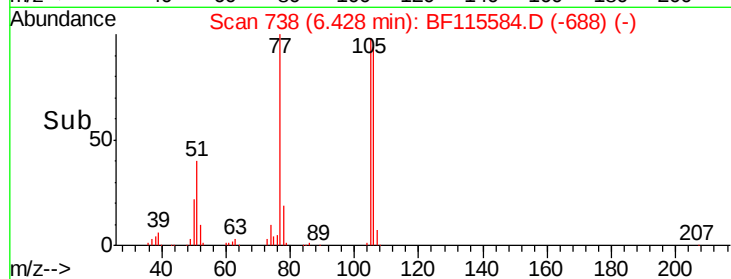
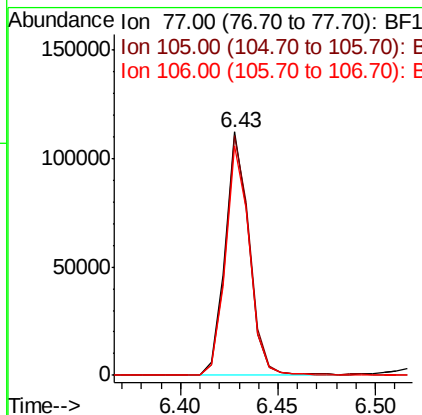
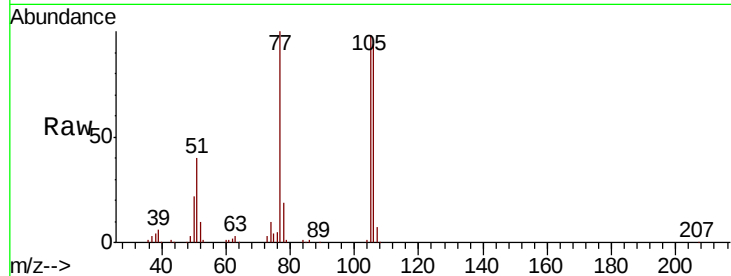
ClientSampleId :

PB121322BS

Tot Ion:	77	Resp:	95135
Ion Ratio	Lower	Upper	
77	100		
105	98.3	78.8	118.8
106	94.3	75.6	115.6

Manual Integrations
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#10

Phenol

Concen: 37.516 ng

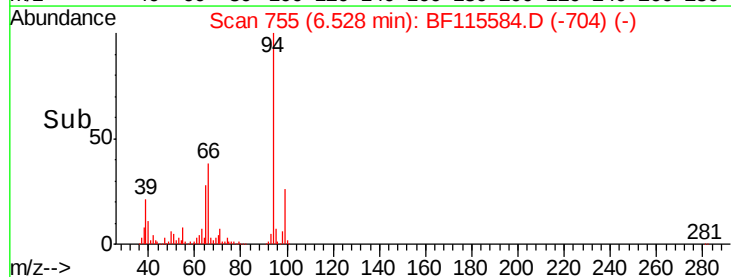
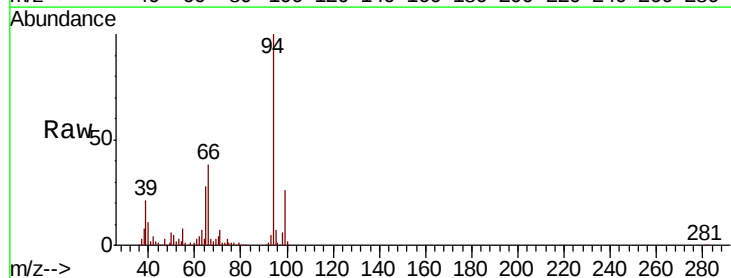
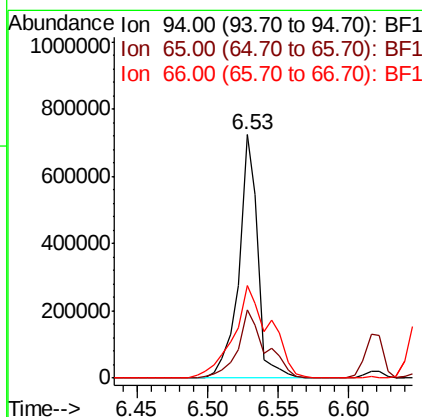
RT: 6.53 min Scan# 755

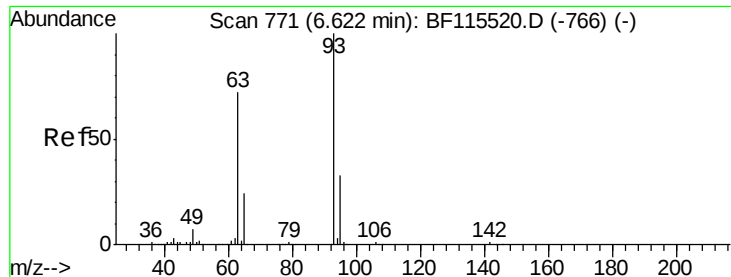
Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Tgt Ion:	94	Resp:	671191
Ion Ratio	Lower	Upper	
94	100		
65	28.1	14.5	54.5
66	37.9	31.3	71.3





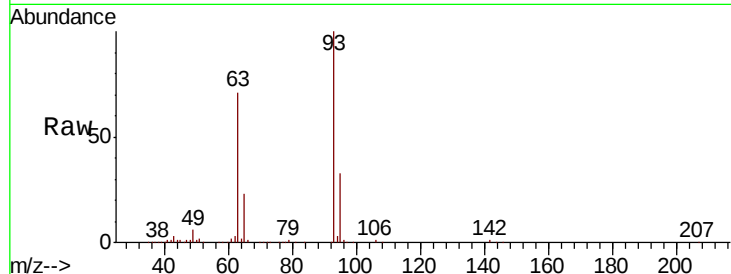
#11
bis(2-Chloroethyl)ether
Concen: 37.141 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

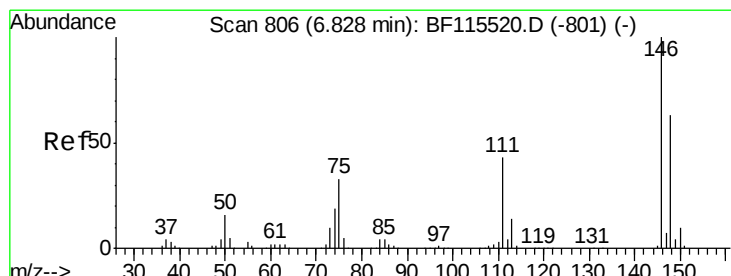
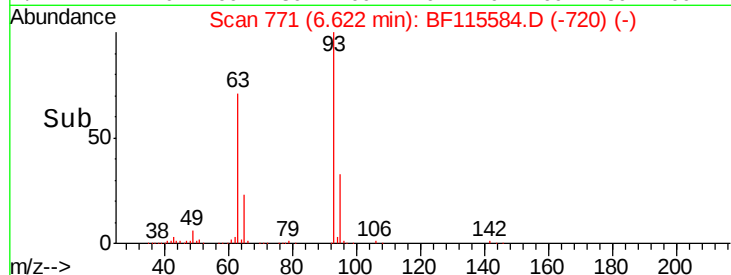
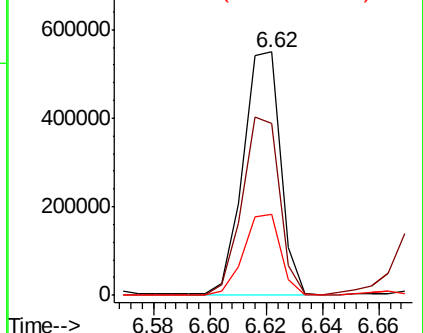
Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	70.5	52.2	92.2	
95	33.1	12.9	52.9	

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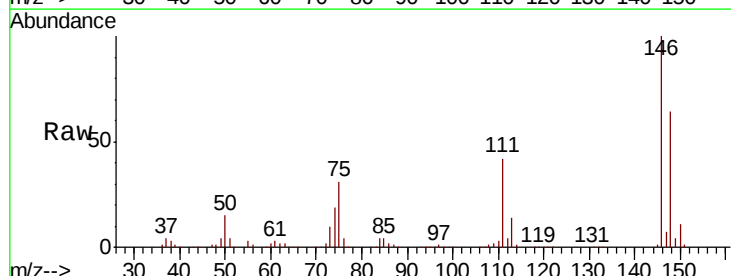


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

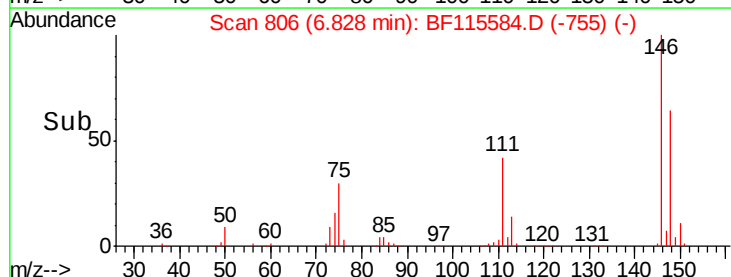
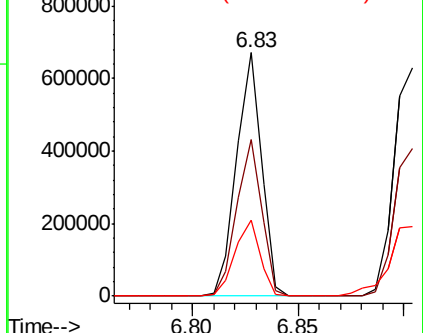


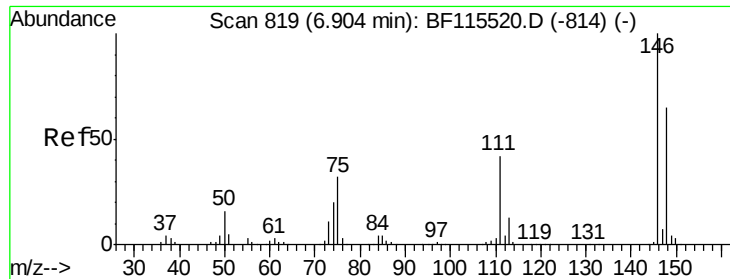
#12
1,3-Dichlorobenzene
Concen: 34.917 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.3	52.1	78.1	
75	31.1	24.9	37.3	



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





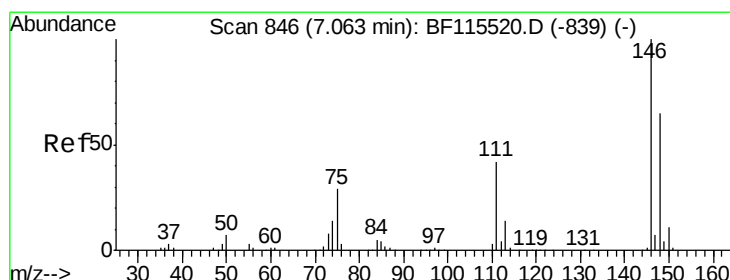
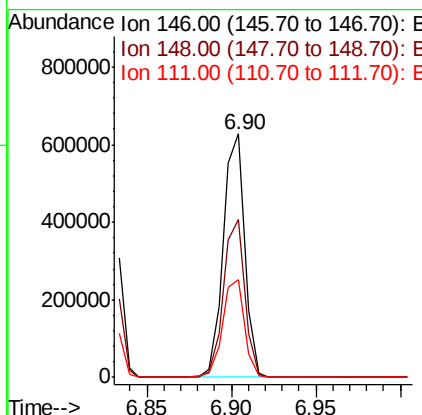
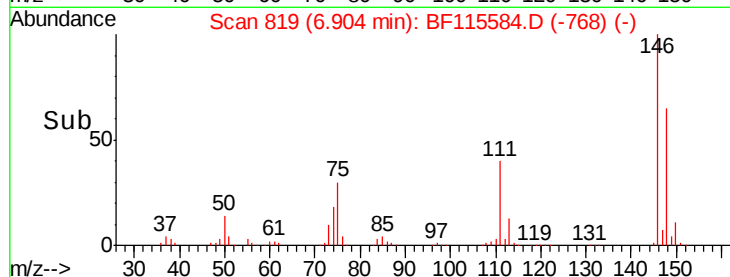
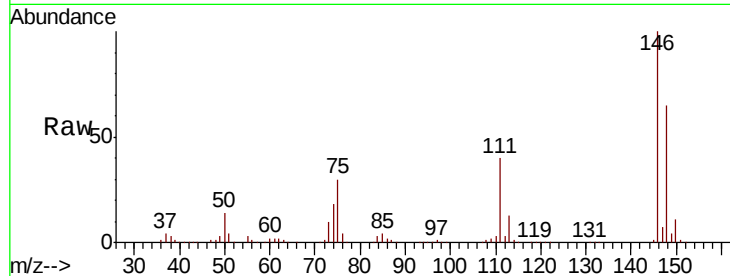
#13
1,4-Dichlorobenzene
Concen: 35.369 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	40.2	35.5	53.3

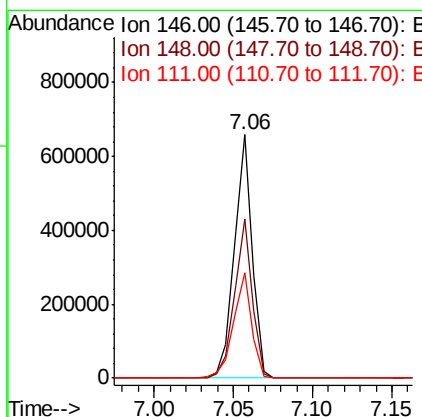
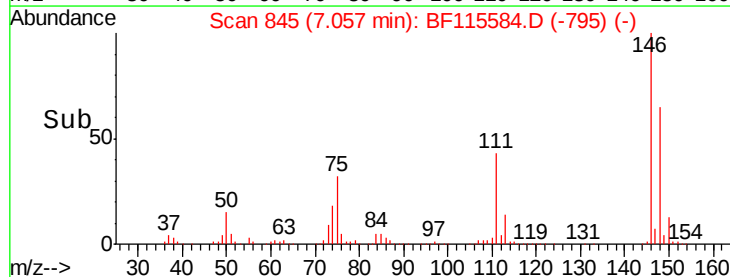
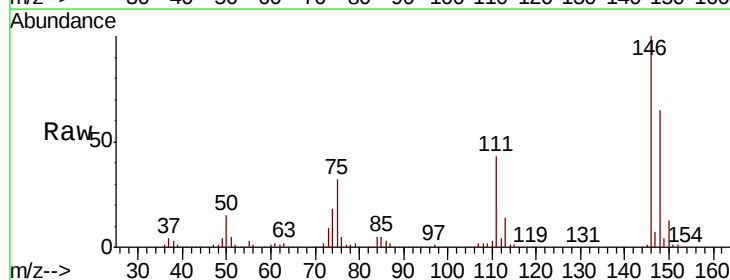
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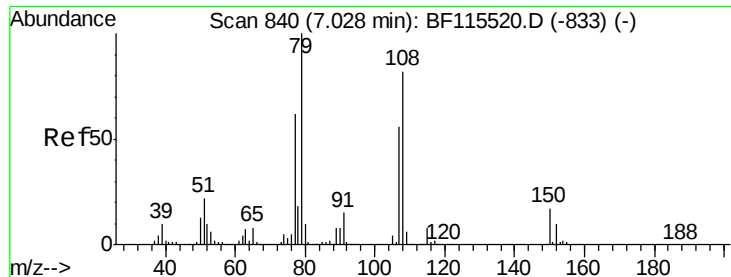
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#14
1,2-Dichlorobenzene
Concen: 36.014 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	43.3	37.6	56.4





#15

Benzyl Alcohol

Concen: 38.652 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

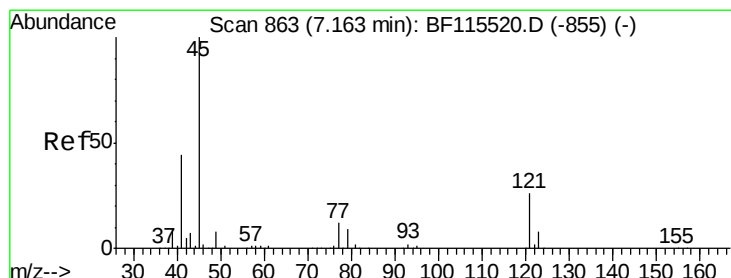
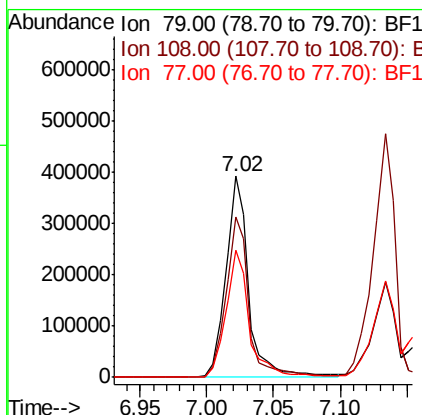
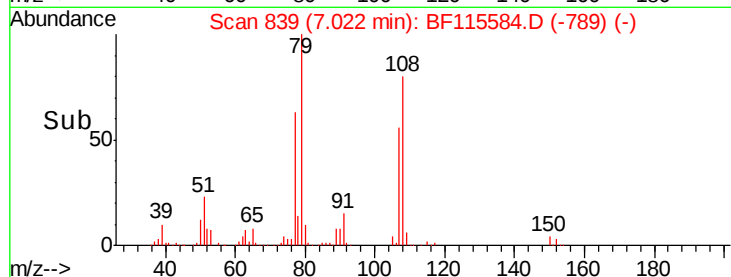
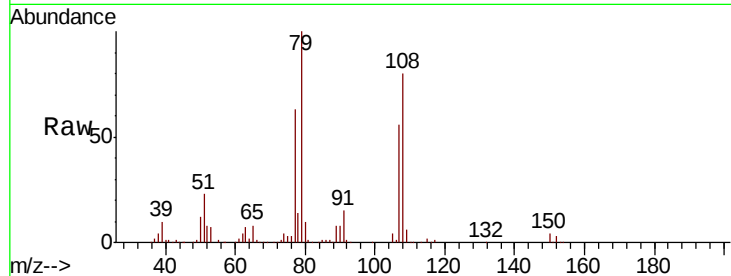
ClientSampleId :

PB121322BS

Tot Ion:	79	Resp:	472541
Ion Ratio	Lower	Upper	
79	100		
108	80.1	64.2	96.4
77	63.4	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.294 ng

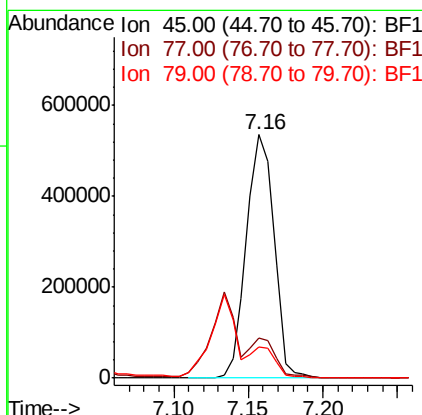
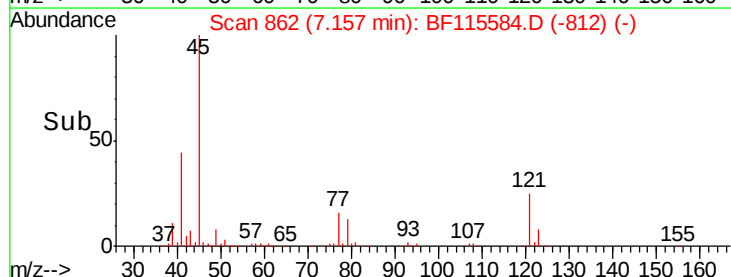
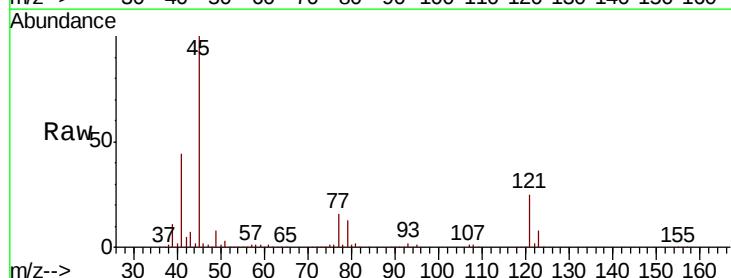
RT: 7.16 min Scan# 862

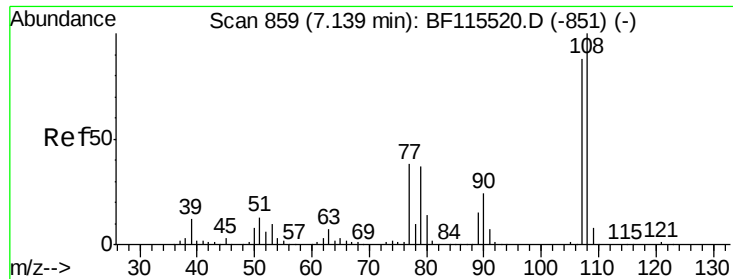
Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Tgt Ion:	45	Resp:	686710
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	38.1
79	12.7	0.0	34.1





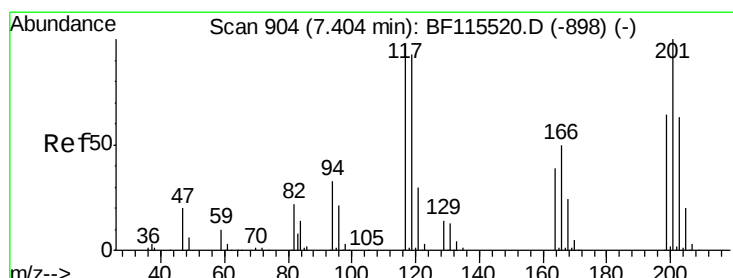
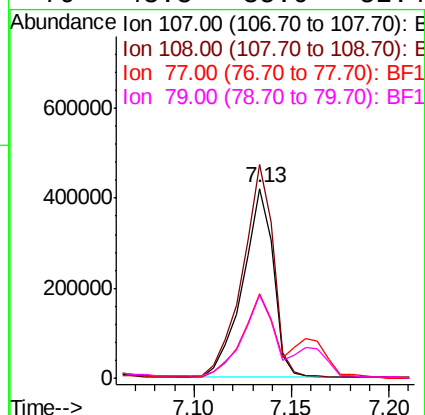
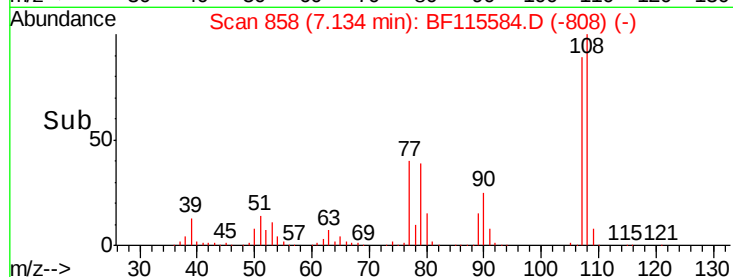
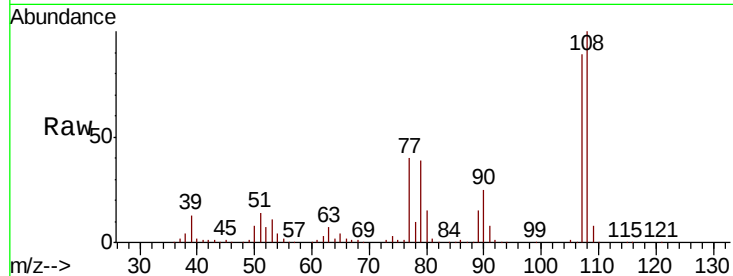
#17
2-Methylphenol
Concen: 37.989 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	89.4	134.2	
77	44.7	35.7	53.5	
79	43.8	35.0	52.4	

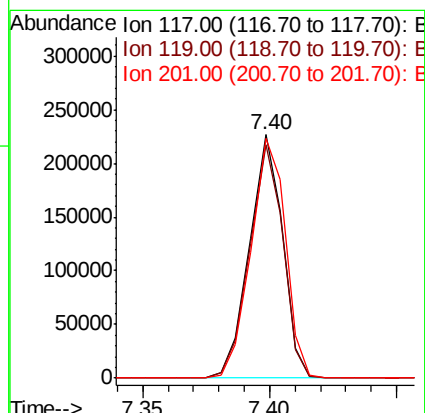
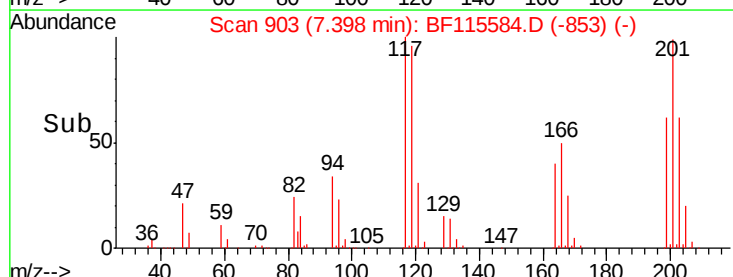
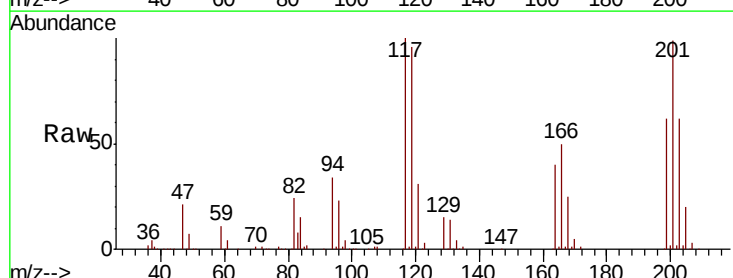
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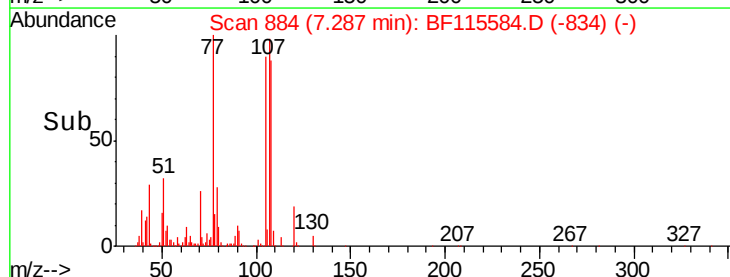
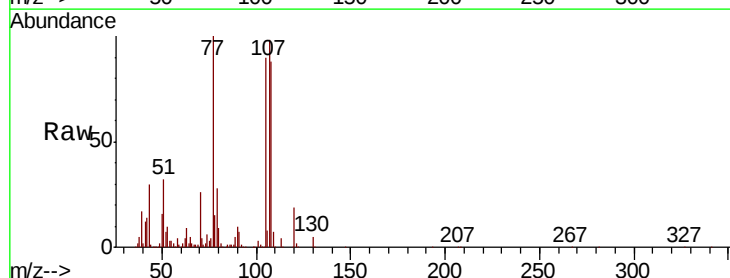
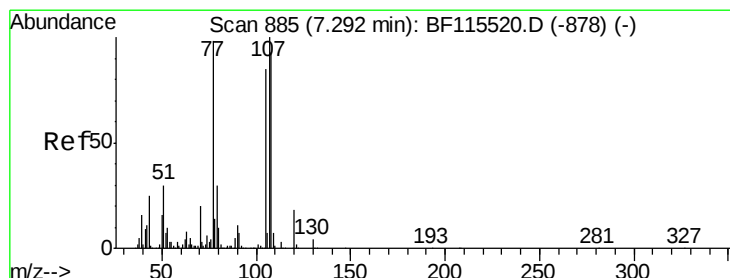
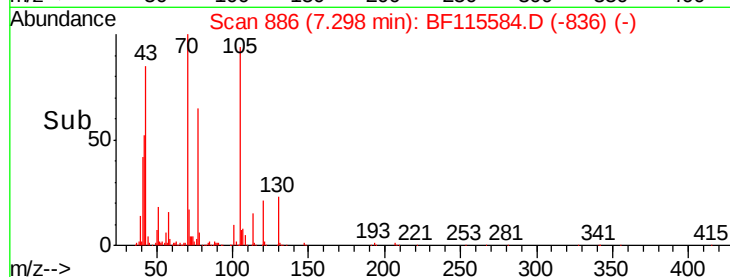
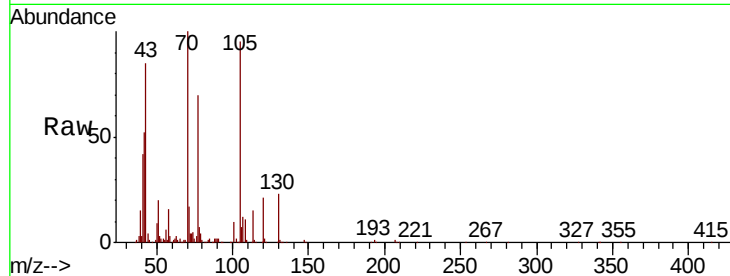
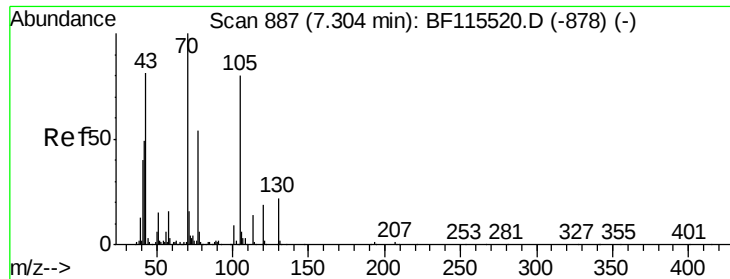
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#18
Hexachloroethane
Concen: 35.474 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.7	116.5	
201	98.7	86.0	129.0	





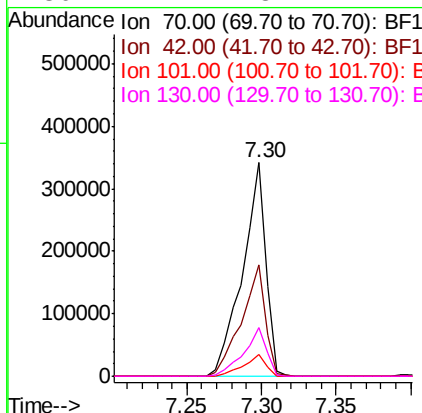
#19
n-Nitroso-di-n-propylamine
Concen: 37.082 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampled :
PB121322BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		372715		
42	52.0	39.6	59.4		
101	10.0	8.1	12.1		
130	22.7	18.2	27.2		

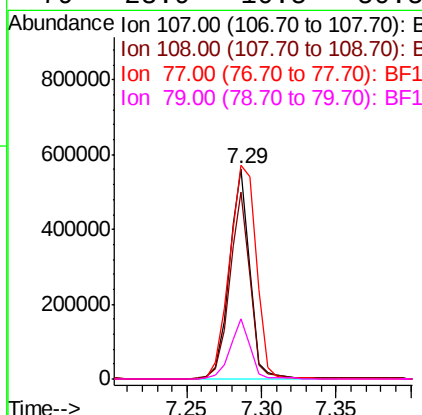
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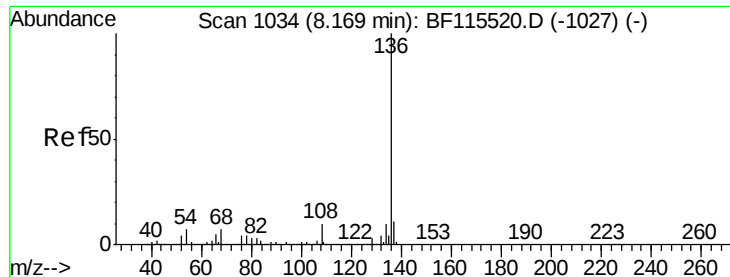
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#20
3+4-Methylphenols
Concen: 37.935 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		542249		
108	89.1	72.9	112.9		
77	101.6	77.6	117.6		
79	28.9	10.5	50.5		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

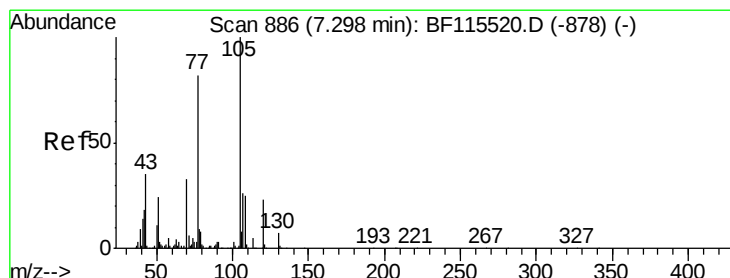
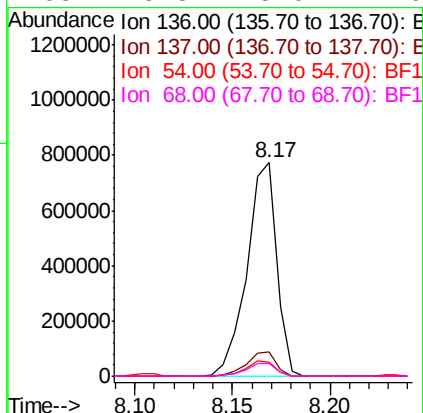
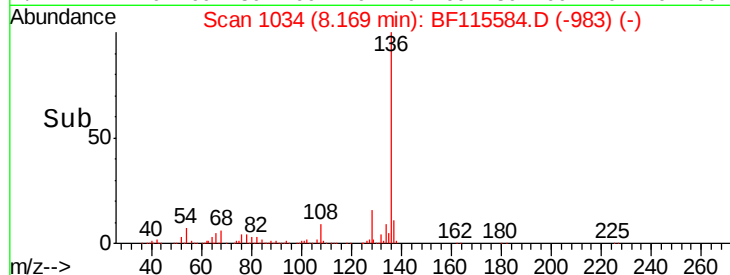
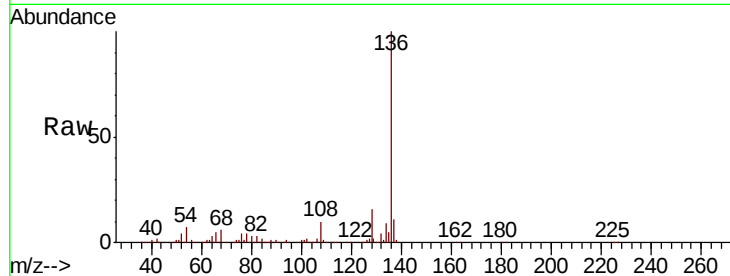
ClientSampleId :

PB121322BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	819972		
137	11.3		9.0	13.4
54	6.5		5.6	8.4
68	5.8		5.0	7.6

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#22

Acetophenone

Concen: 39.473 ng

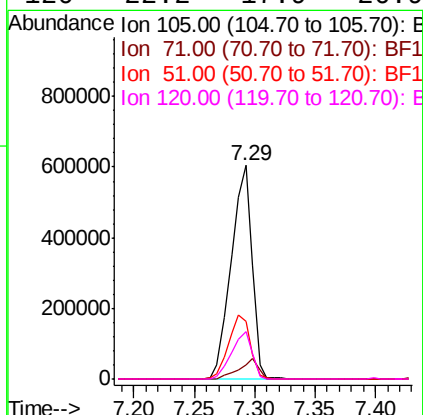
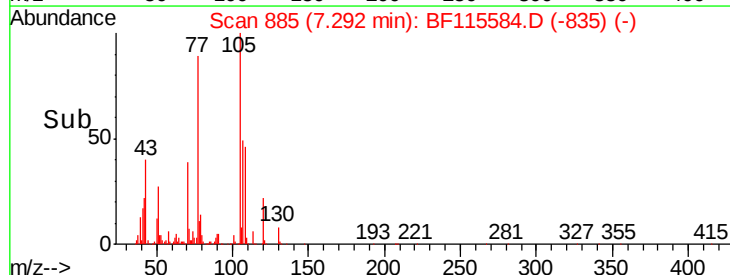
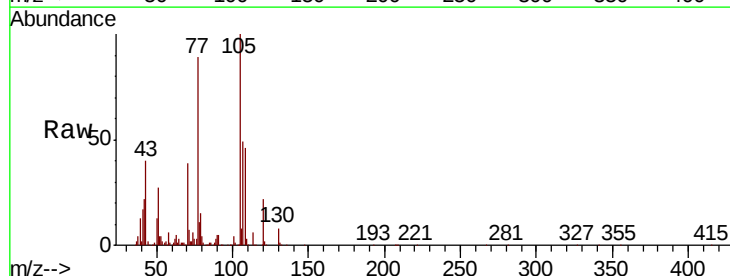
RT: 7.29 min Scan# 885

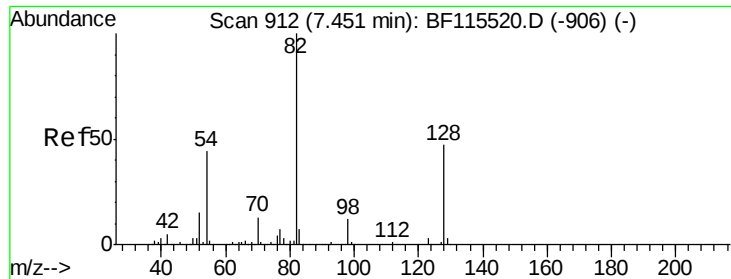
Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	731217		
71	6.7		3.5	5.3#
51	27.0		25.6	38.4
120	22.2		17.9	26.9





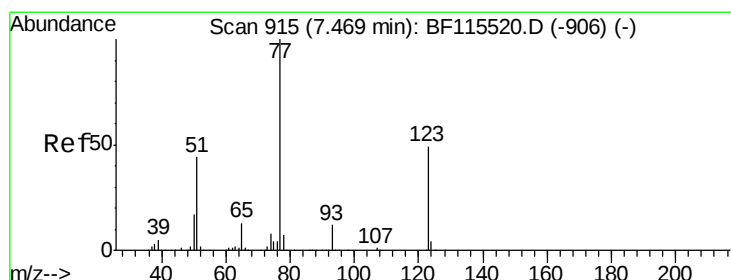
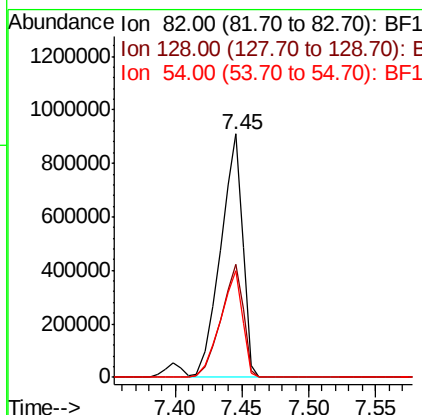
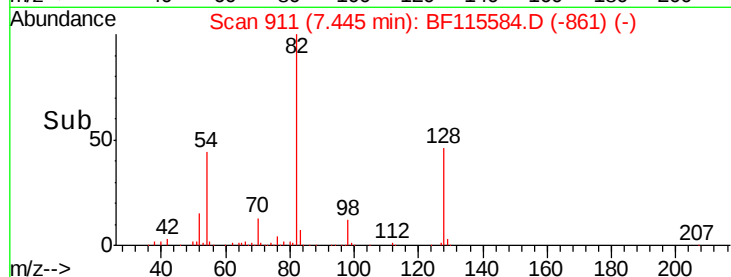
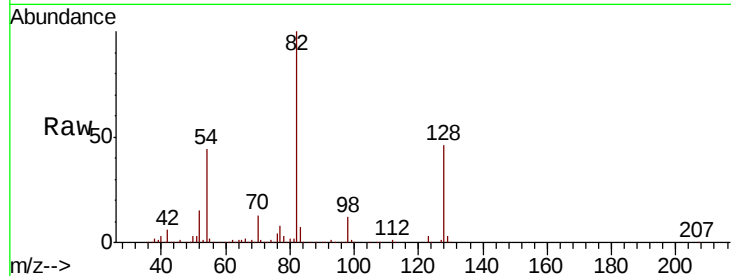
#23
Nitrobenzene-d5
Concen: 75.496 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	82	Resp	1064631
Ion Ratio	100	Lower	Upper
82	100		
128	46.4	38.6	57.8
54	43.8	35.6	53.4

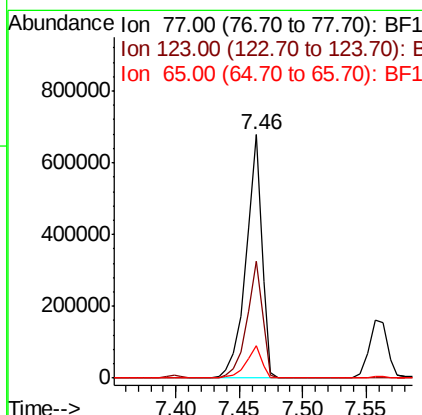
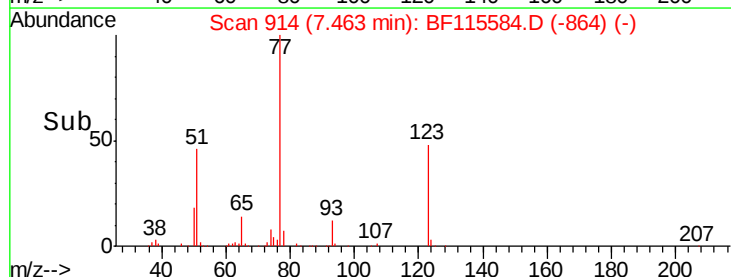
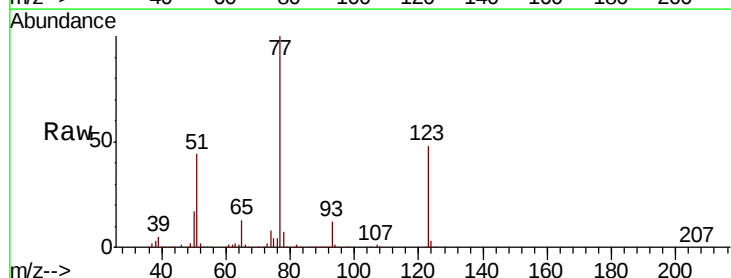
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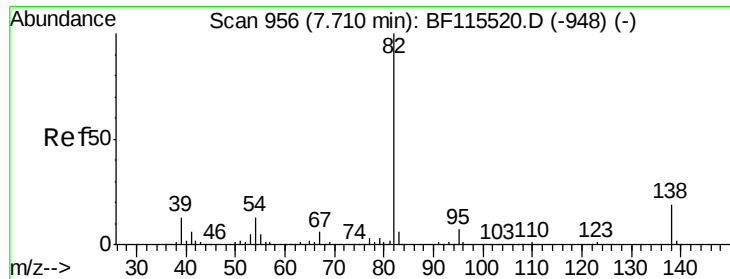
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#24
Nitrobenzene
Concen: 38.236 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	77	Resp	581564
Ion Ratio	100	Lower	Upper
77	100		
123	47.9	40.0	60.0
65	13.2	11.0	16.4





#25

Isophorone

Concen: 38.021 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

PB121322BS

Tot Ion: 82 Resp: 1072864

Ion Ratio Lower Upper

82 100

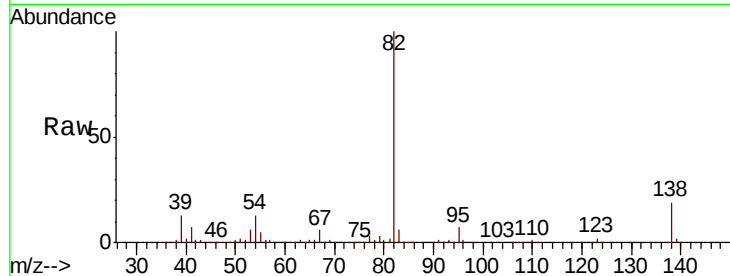
95 6.8 5.5 8.3

138 18.5 14.9 22.3

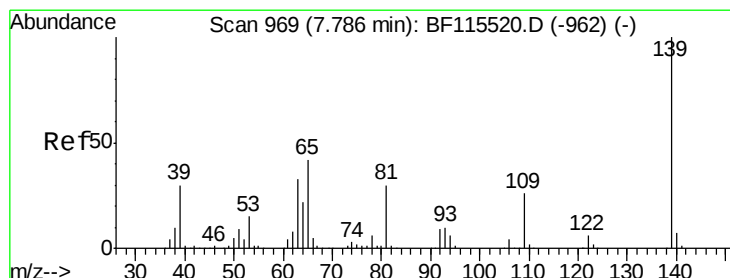
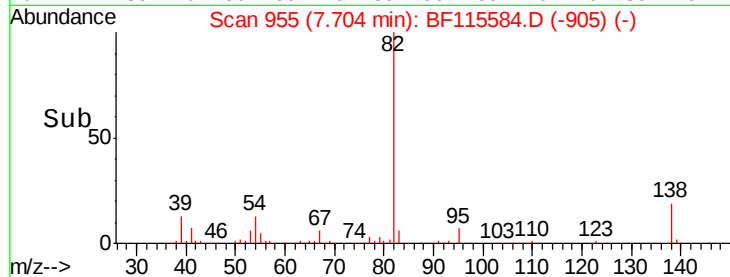
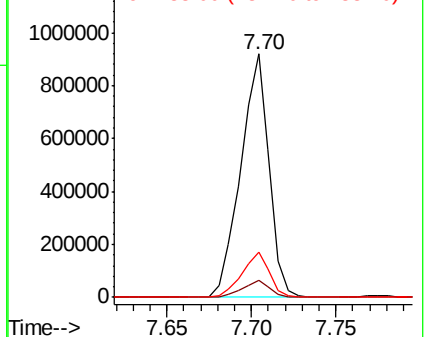
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 39.262 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

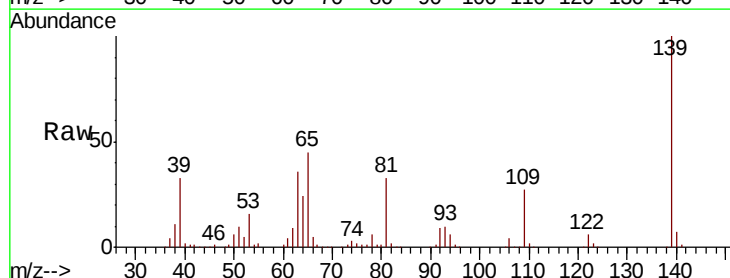
Tgt Ion: 139 Resp: 307374

Ion Ratio Lower Upper

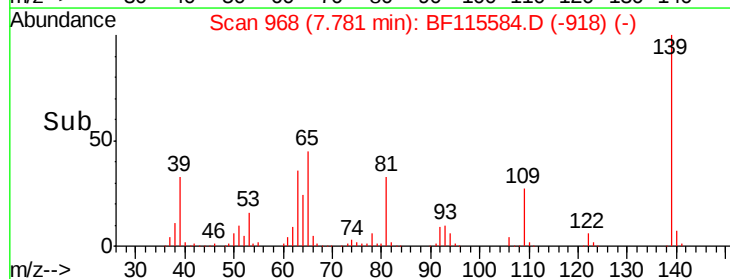
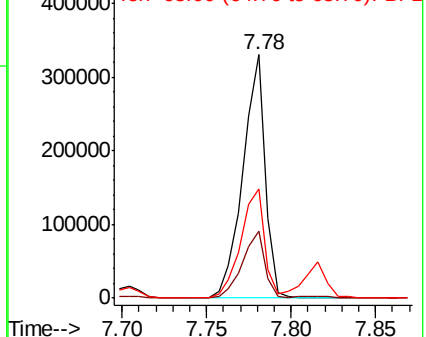
139 100

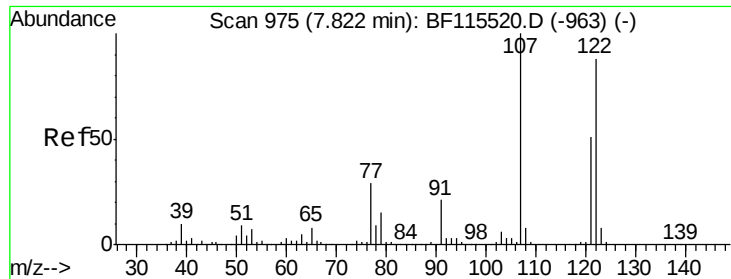
109 27.3 23.3 34.9

65 44.7 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.766 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

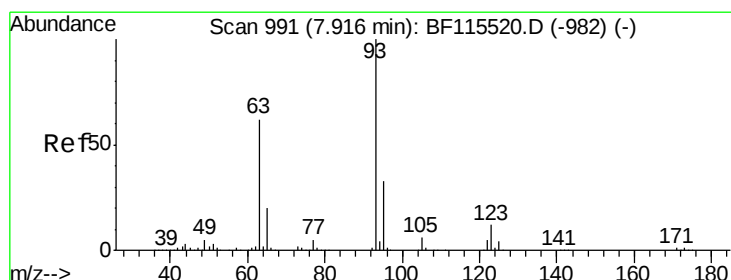
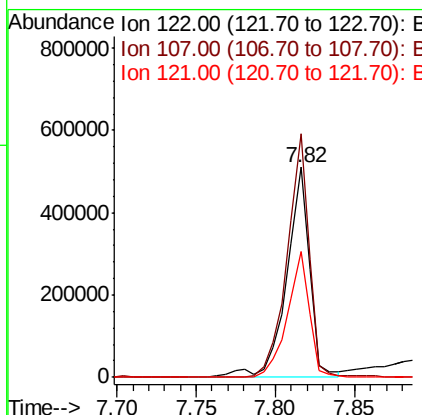
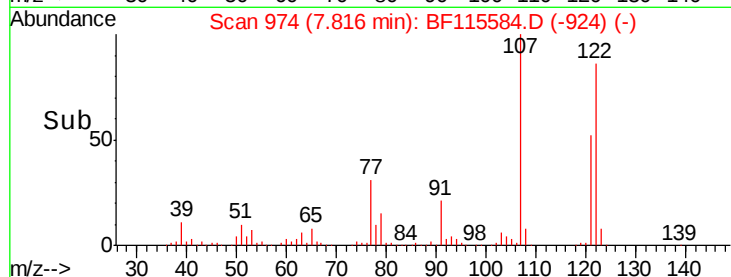
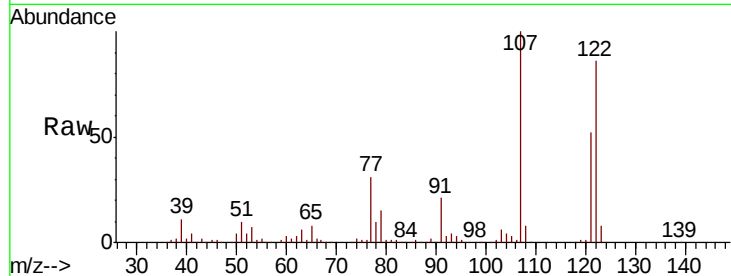
ClientSampleId :

PB121322BS

Tot Ion:	122	Resp:	512663
Ion Ratio	Lower	Upper	
122	100		
107	116.1	92.9	139.3
121	60.1	46.9	70.3

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.209 ng

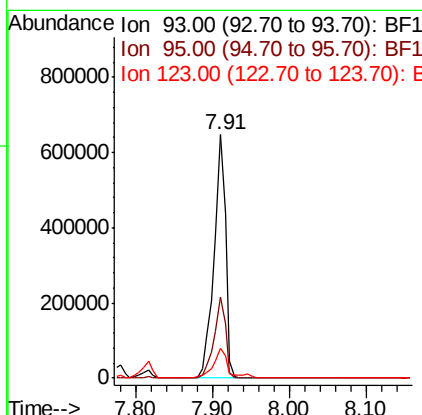
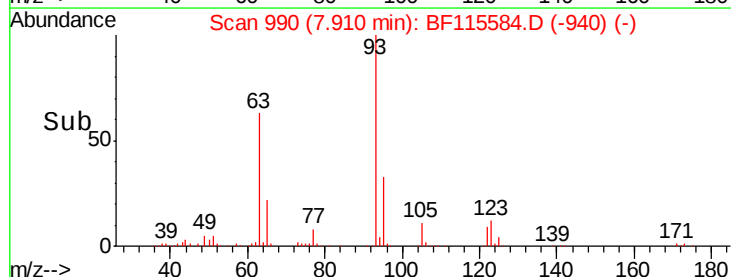
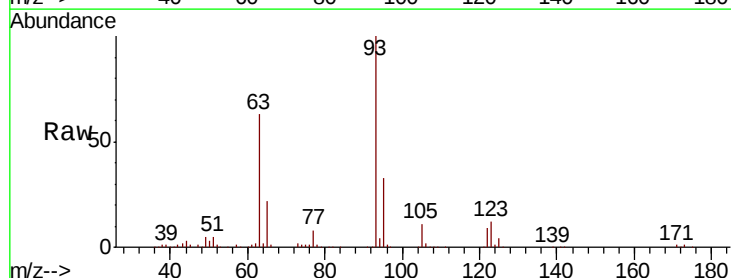
RT: 7.91 min Scan# 990

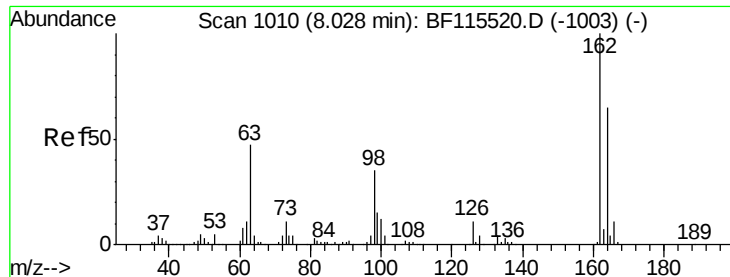
Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Tgt Ion:	93	Resp:	661433
Ion Ratio	Lower	Upper	
93	100		
95	33.2	27.0	40.4
123	12.4	9.9	14.9





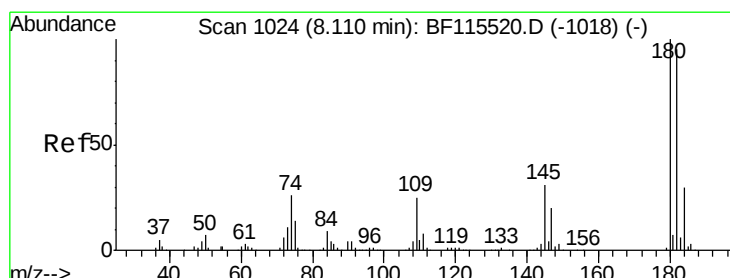
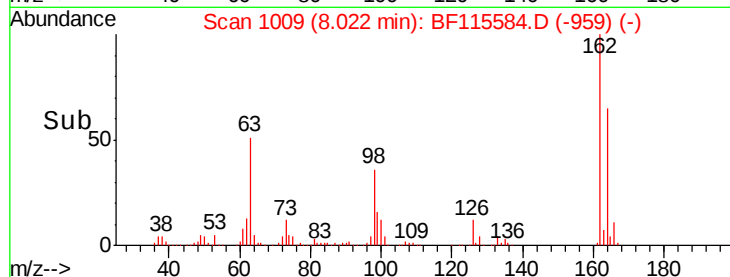
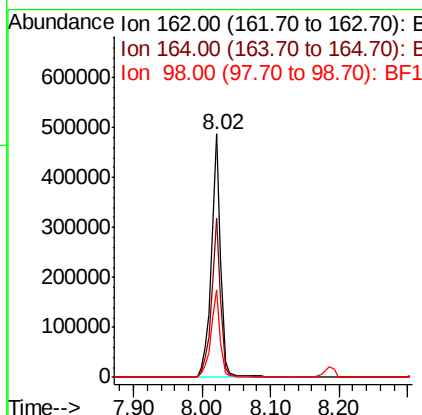
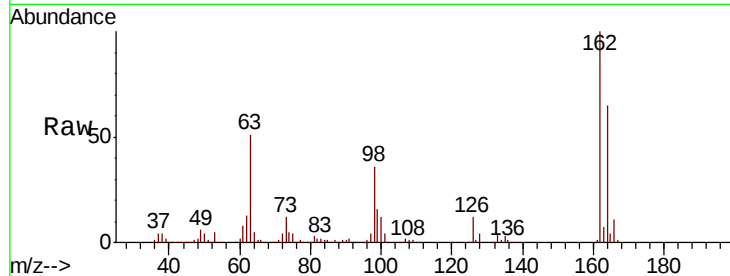
#29
2,4-Dichlorophenol
Concen: 38.276 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	466295		
164	65.4	44.9	84.9	
98	36.0	17.7	57.7	

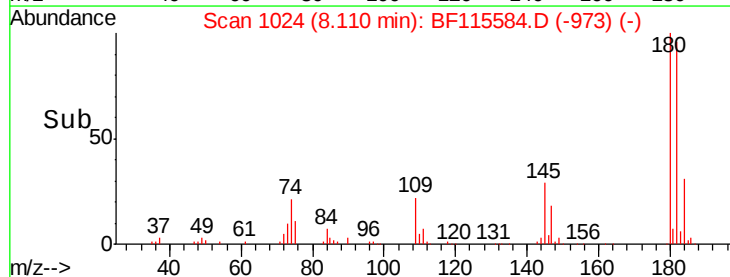
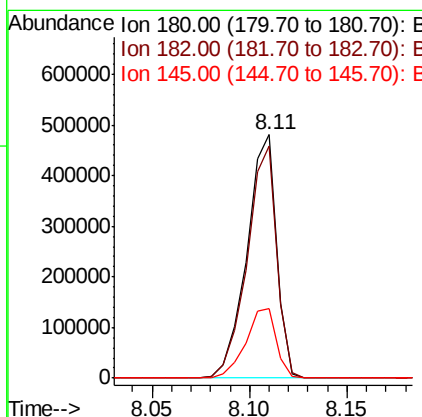
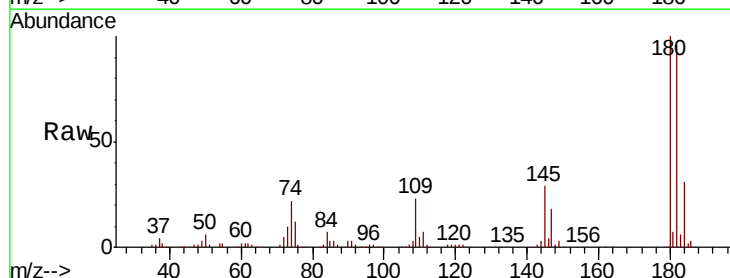
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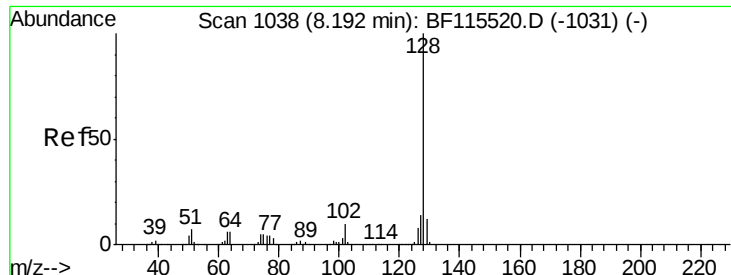
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.776 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	506429		
182	95.5	75.0	112.6	
145	28.8	25.1	37.7	





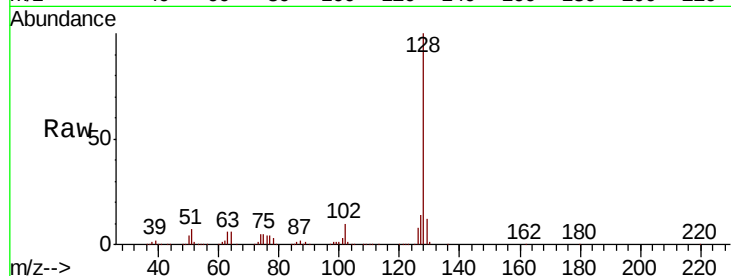
#31
Naphthalene
Concen: 38.613 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

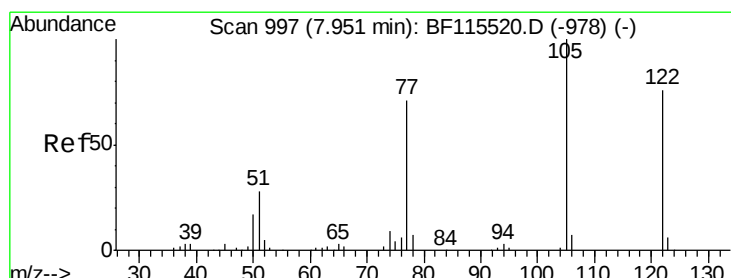
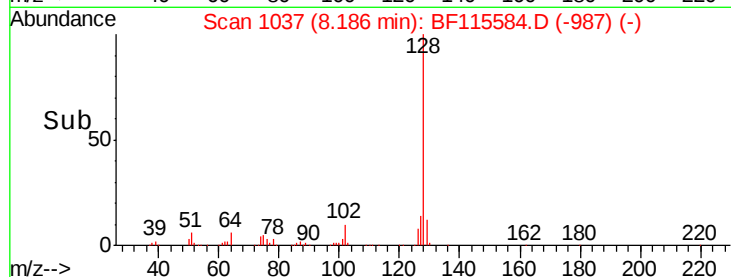
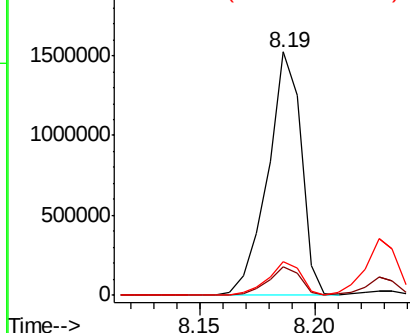
Tot Ion:128 Resp: 1533374
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 13.7 12.1 18.1

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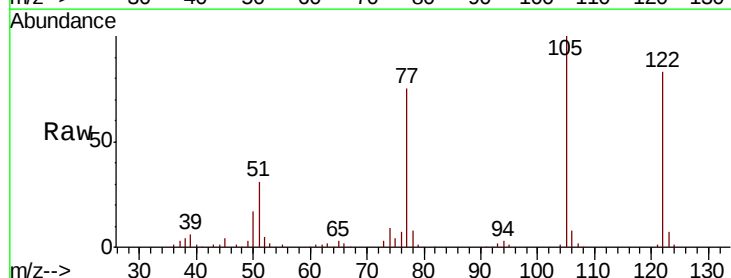


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

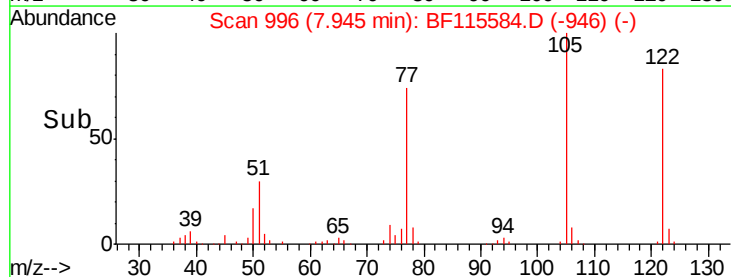
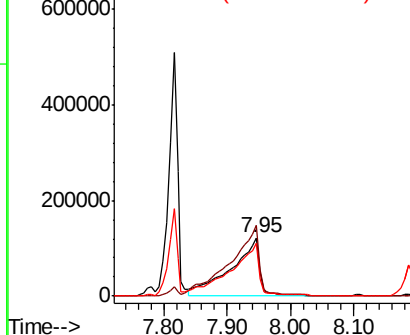


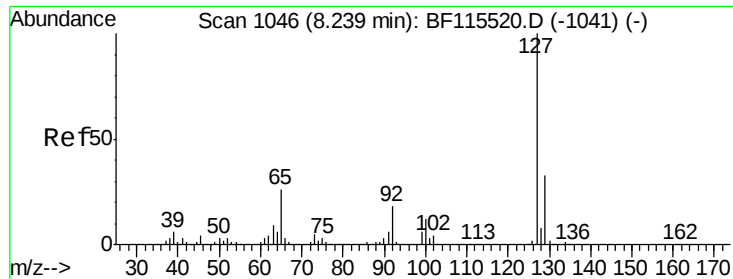
#32
Benzoic acid
Concen: 39.640 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:122 Resp: 381065
Ion Ratio Lower Upper
122 100
105 120.9 102.5 142.5
77 90.3 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





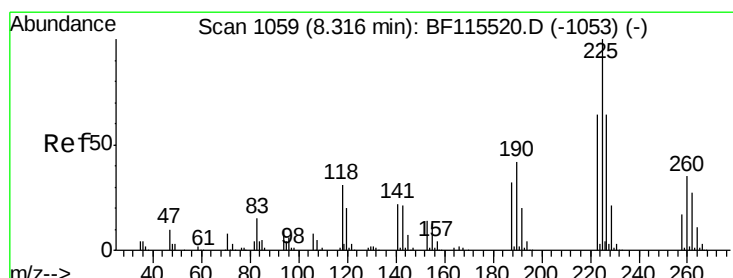
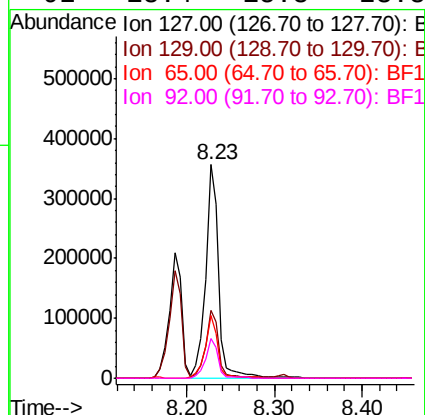
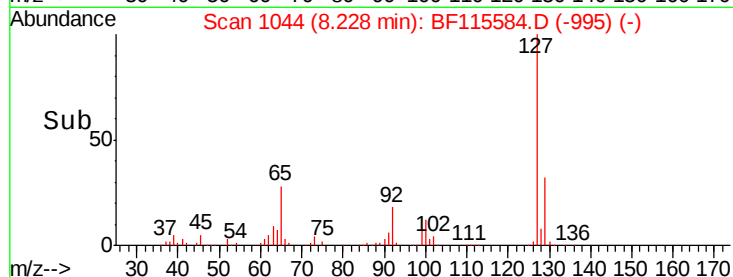
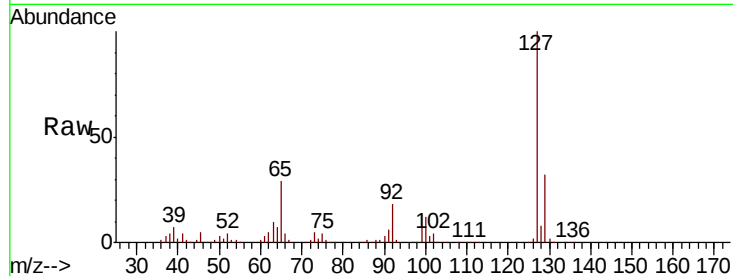
#33
4-Chloroaniline
Concen: 20.908 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleID :
PB121322BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.6	39.8		
65	29.1	23.7	35.5		
92	18.4	15.8	23.8		

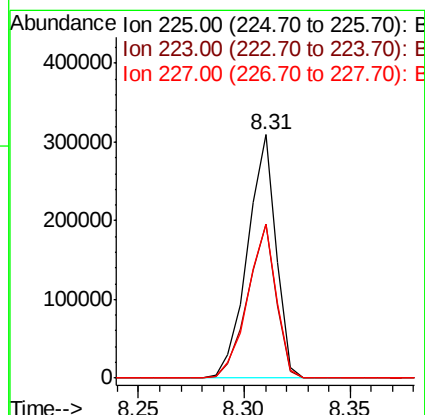
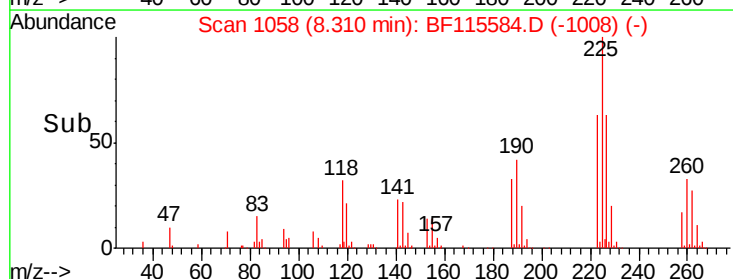
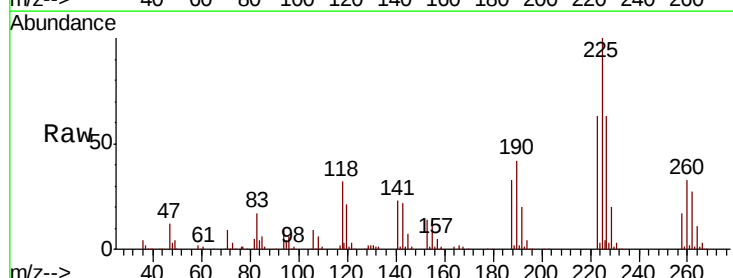
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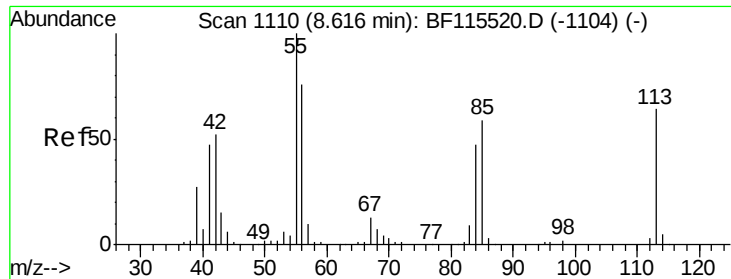
mohammad
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#34
Hexachlorobutadiene
Concen: 36.756 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.9	76.3		
227	63.0	50.7	76.1		





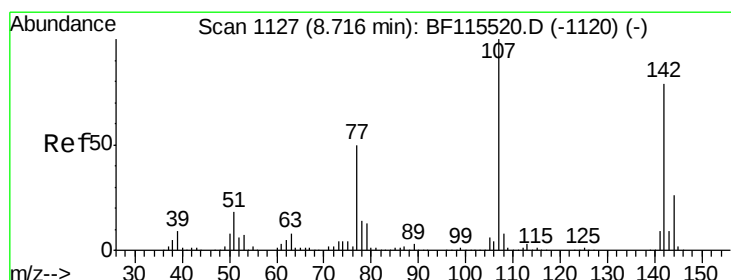
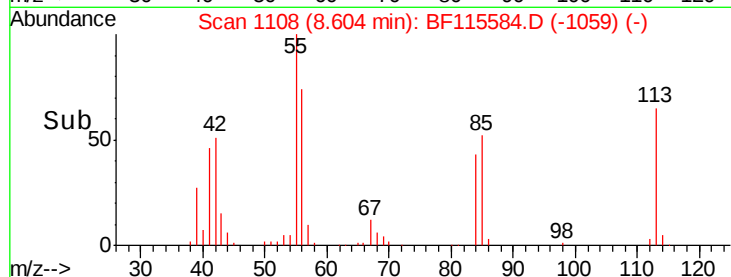
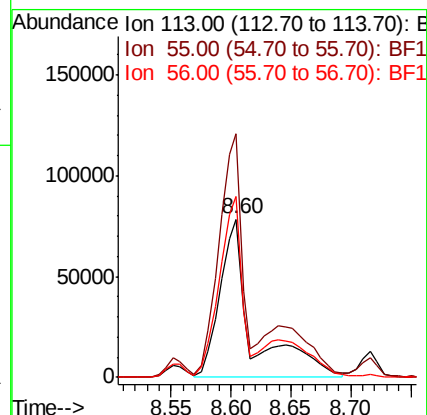
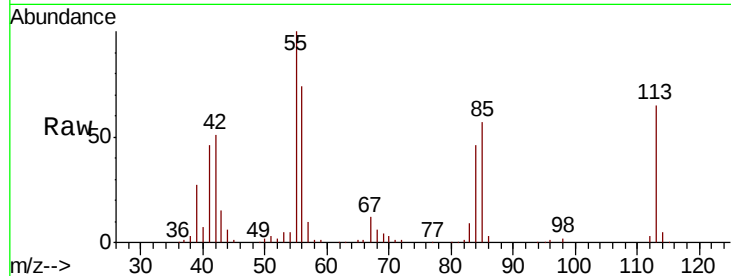
#35
Caprolactam
Concen: 39.065 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.2	126.9	166.9
56	114.2	90.3	130.3

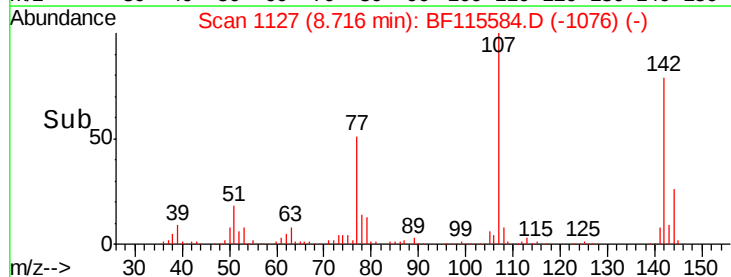
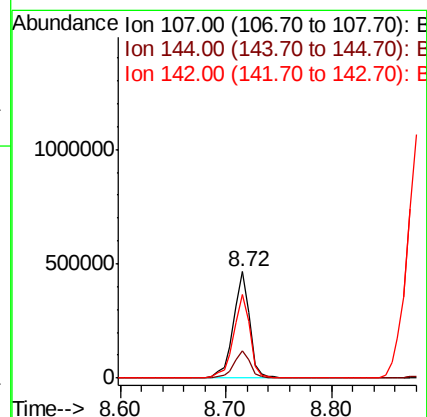
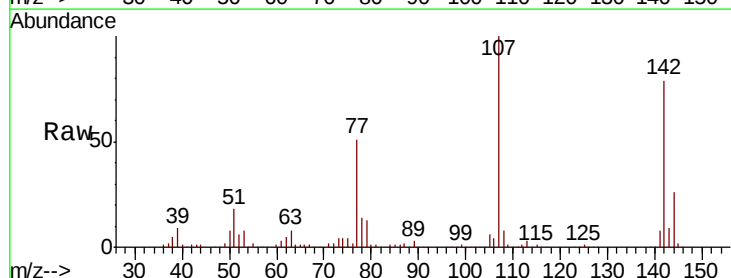
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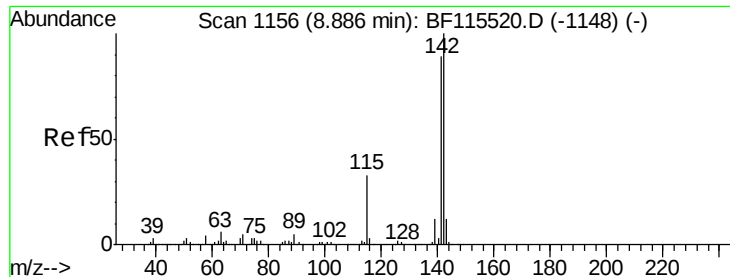
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 38.894 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.6	30.8
142	79.0	63.1	94.7





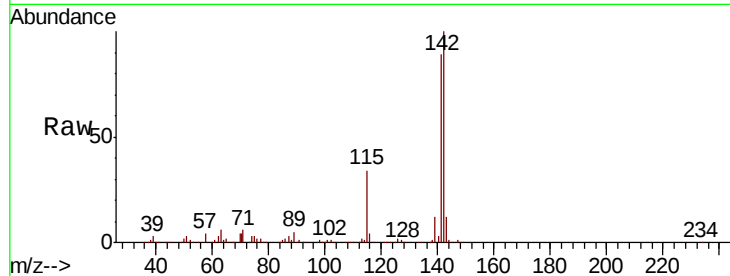
#37
2-Methylnaphthalene
Concen: 39.897 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampled :
PB121322BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.0	108.0
115	34.4	29.9	44.9

Manual Integrations
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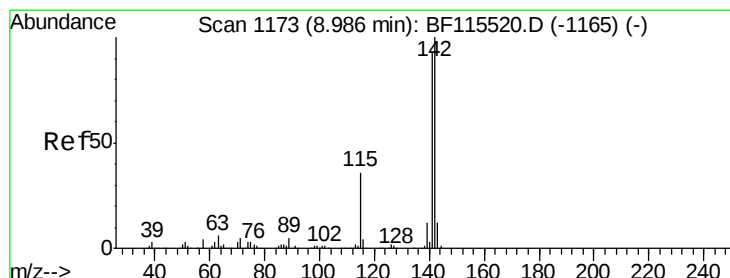
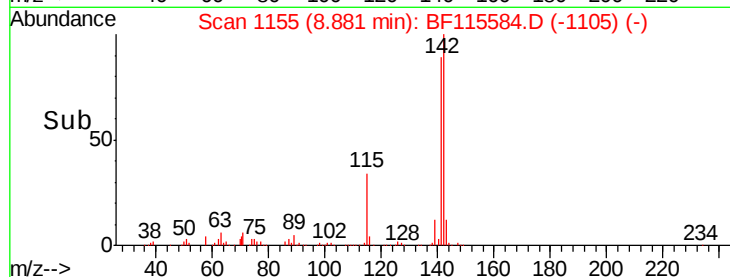
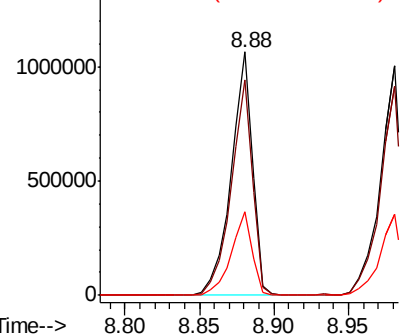


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.560 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

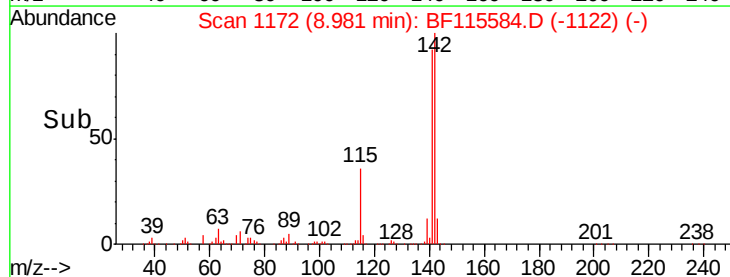
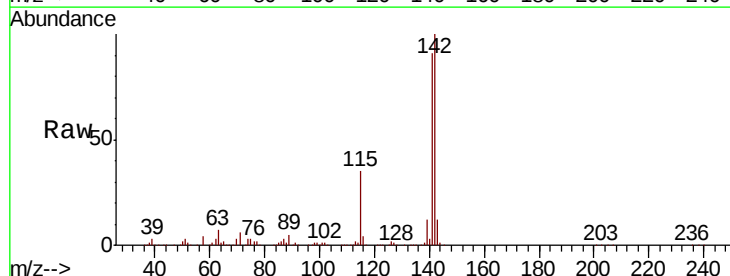
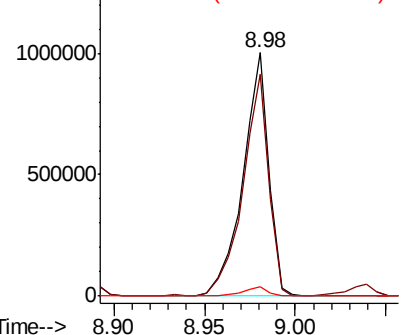
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.3	112.9
116	3.7	3.3	4.9

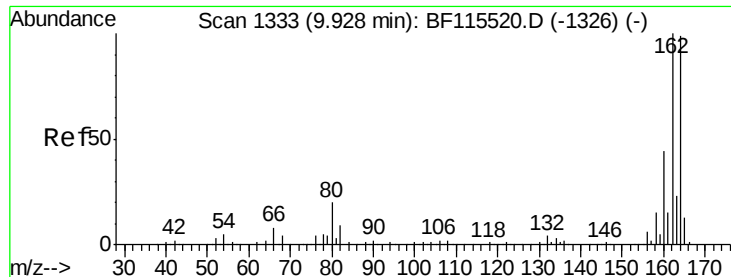
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





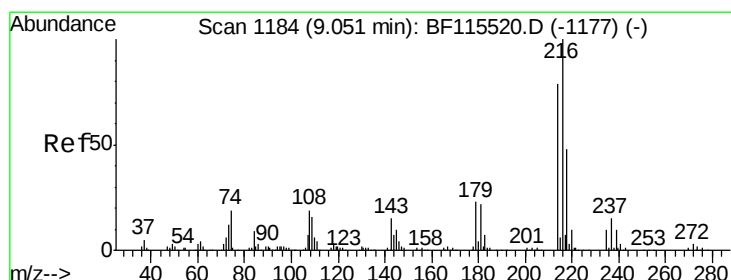
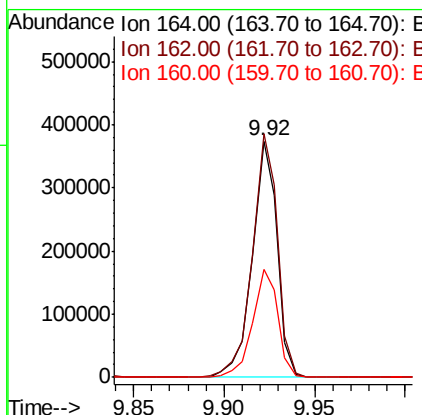
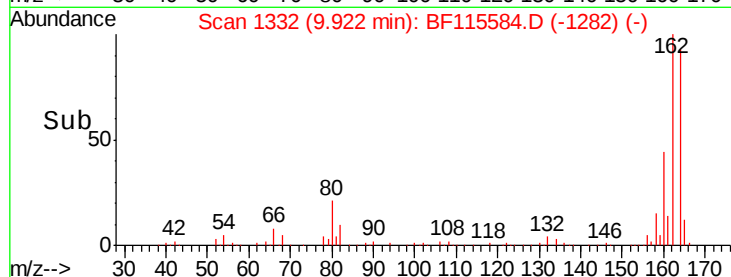
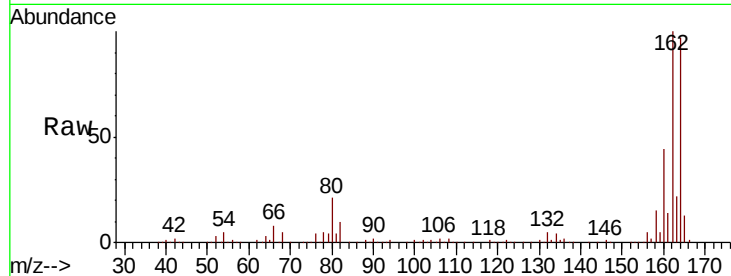
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleID :
PB121322BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.9	124.3
160	45.7	36.8	55.2

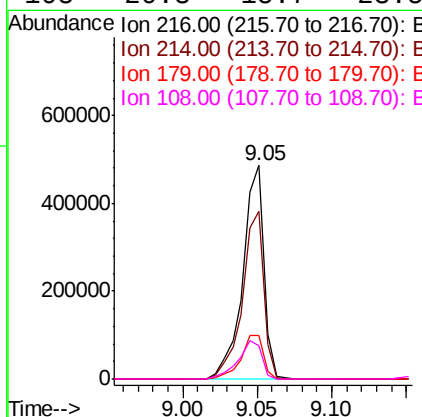
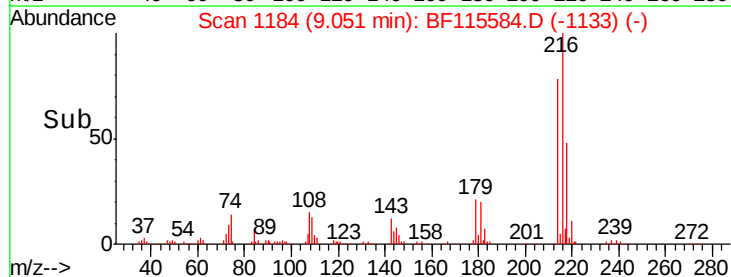
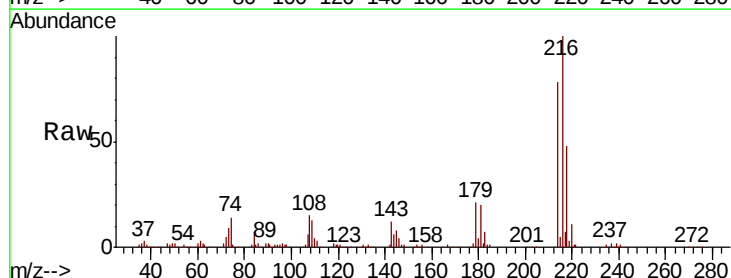
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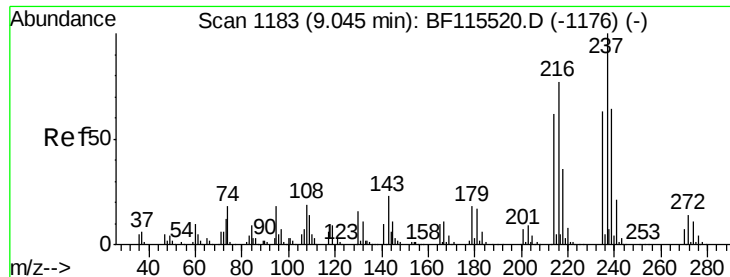
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.677 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	65.1	97.7
179	21.9	18.3	27.5
108	20.3	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 63.988 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

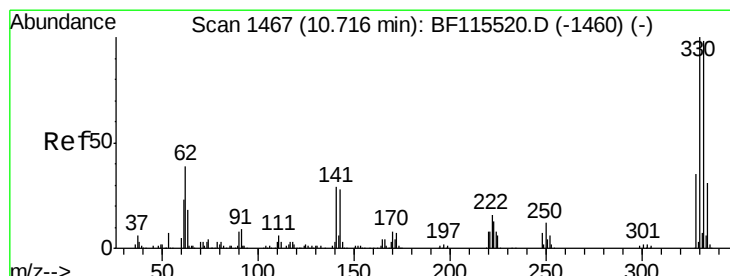
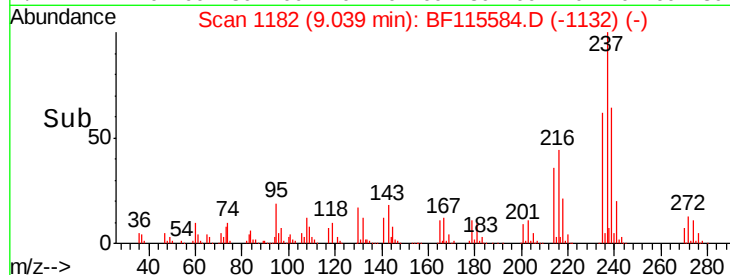
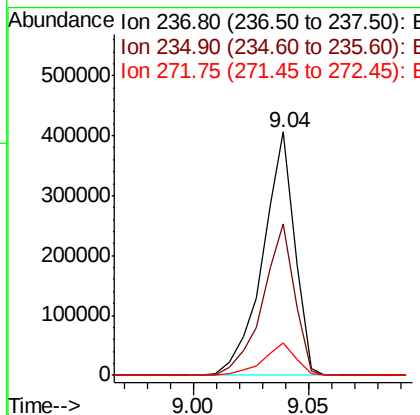
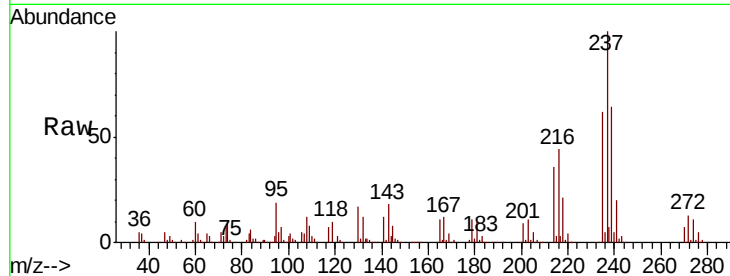
ClientSampleId :

PB121322BS

Tot Ion:	237	Resp:	389492
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.6	83.6
272	13.4	0.0	33.9

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#42

2,4,6-Tribromophenol

Concen: 109.778 ng

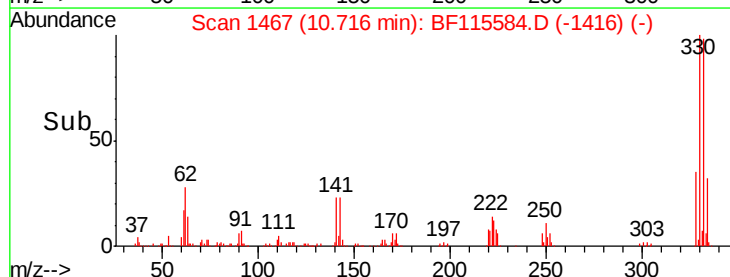
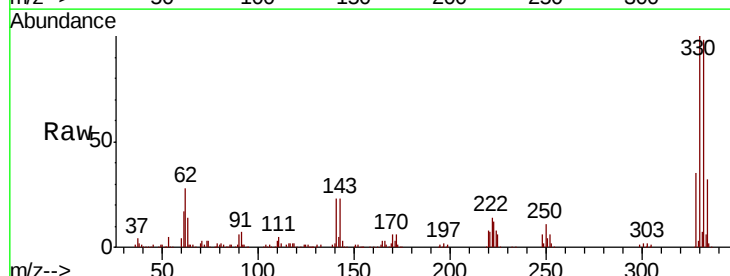
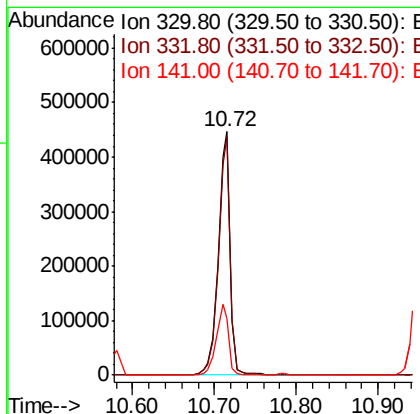
RT: 10.72 min Scan# 1467

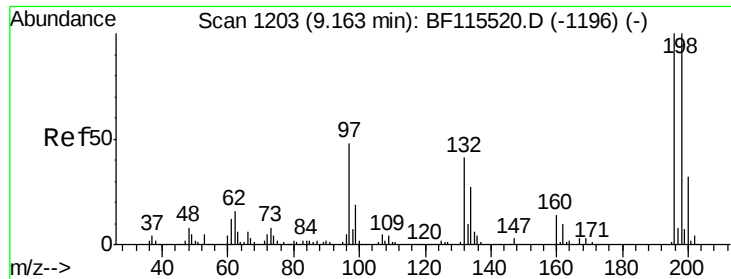
Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Tgt Ion:	330	Resp:	454052
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.2
141	30.2	22.4	33.6





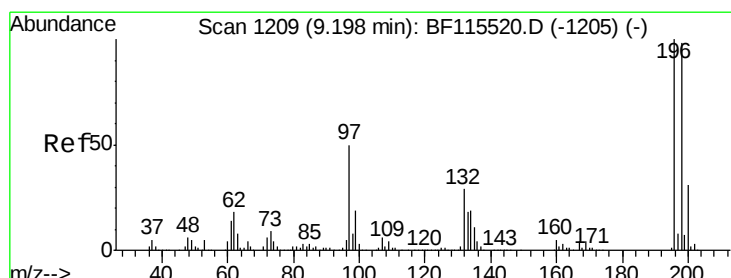
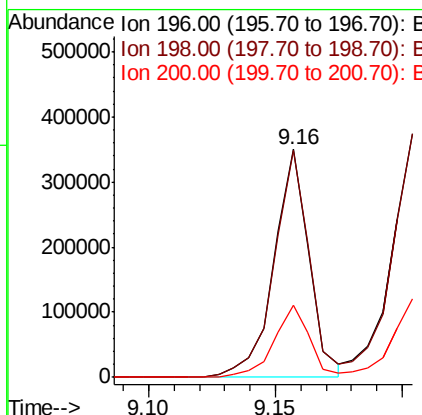
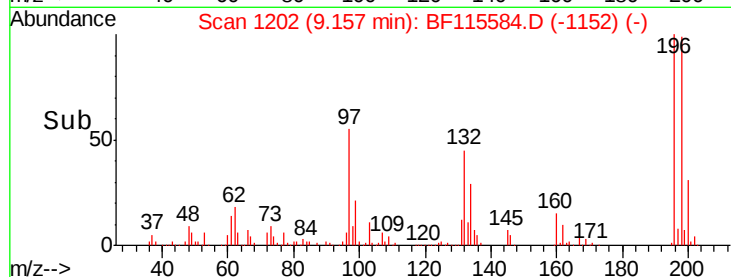
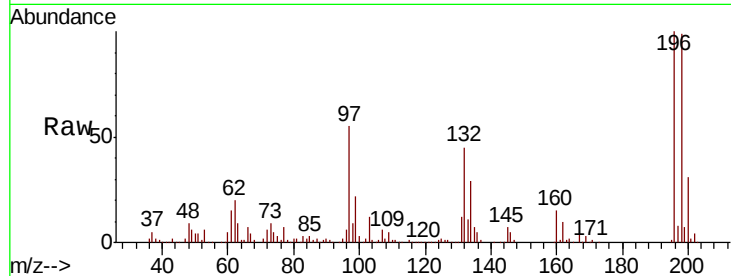
#43
 2,4,6-Trichlorophenol
 Concen: 43.578 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampled :
 PB121322BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	340052		
198	99.4	80.6	121.0	
200	31.4	25.8	38.6	

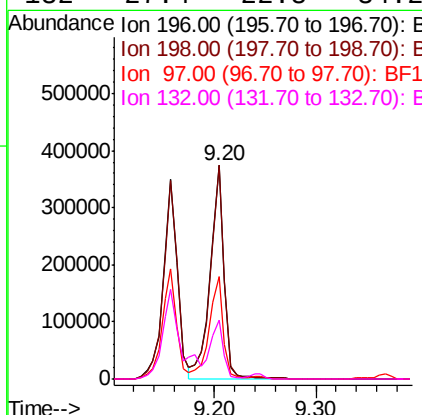
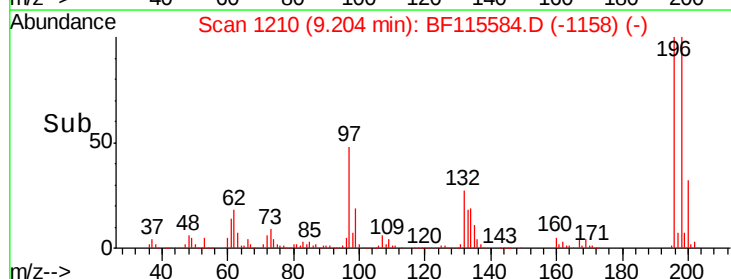
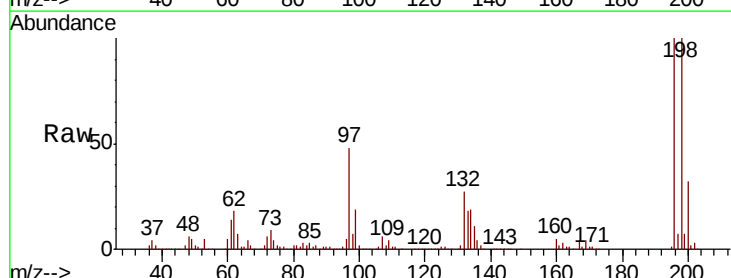
Manual Integrations
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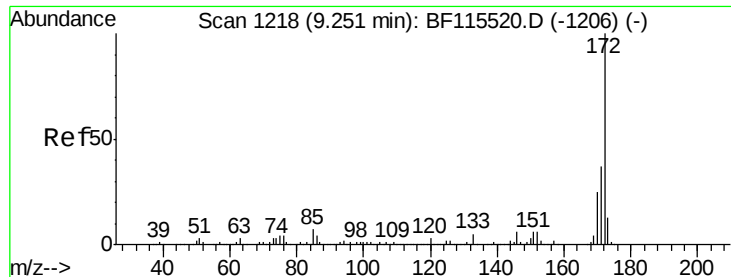
mohammad
 7/17/2019 12:05:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.565 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	356137		
198	100.2	79.6	119.4	
97	48.0	37.8	56.6	
132	27.4	22.8	34.2	





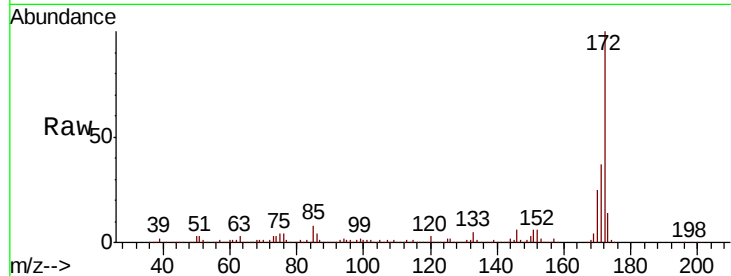
#45
2-Fluorobiphenyl
Concen: 95.341 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.9	20.5	30.7

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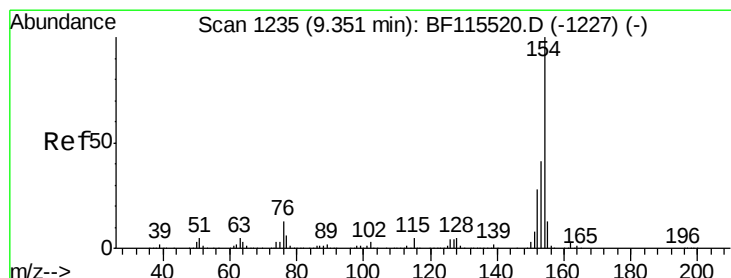
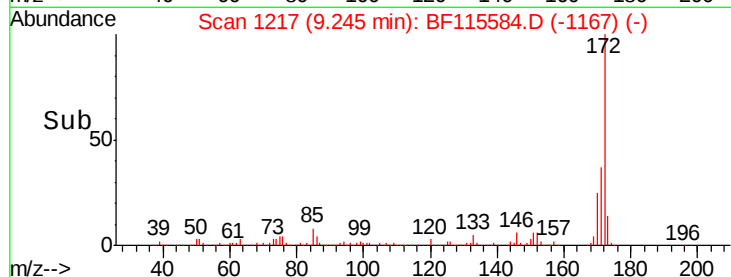
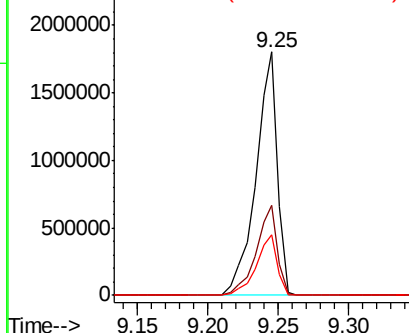


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.419 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

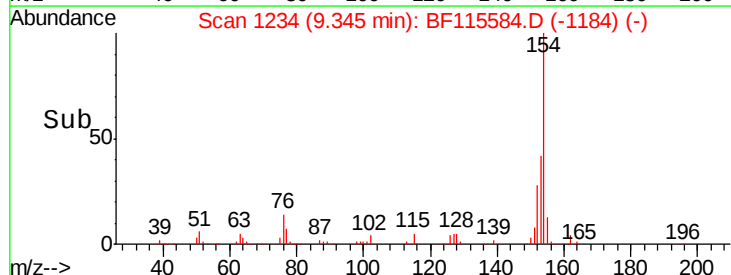
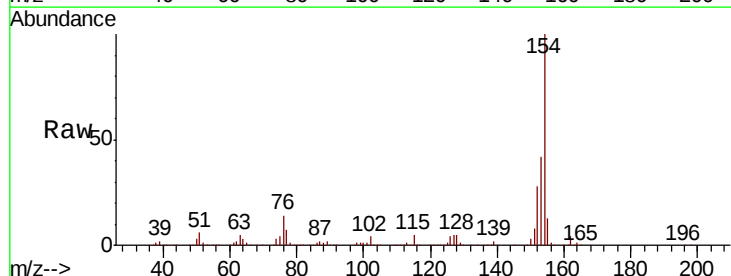
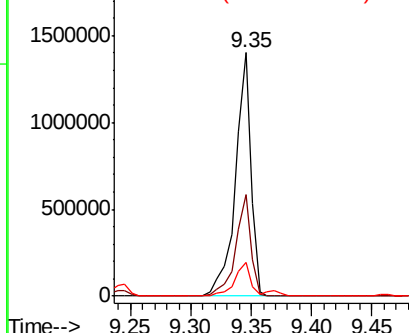
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.6	62.6
76	13.9	0.0	33.4

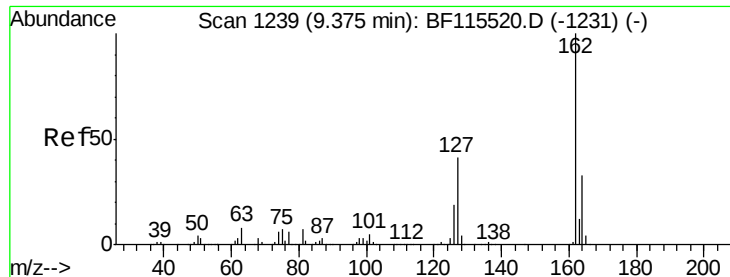
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





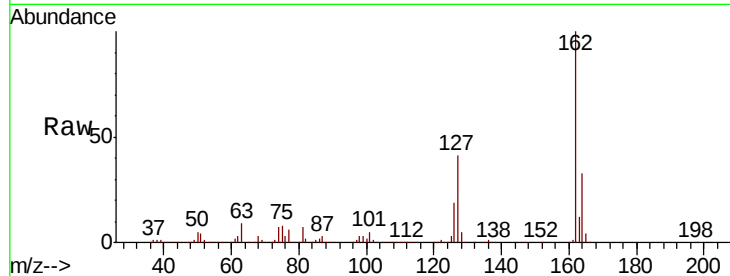
#47
 2-Chloronaphthalene
 Concen: 43.781 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampled :
 PB121322BS

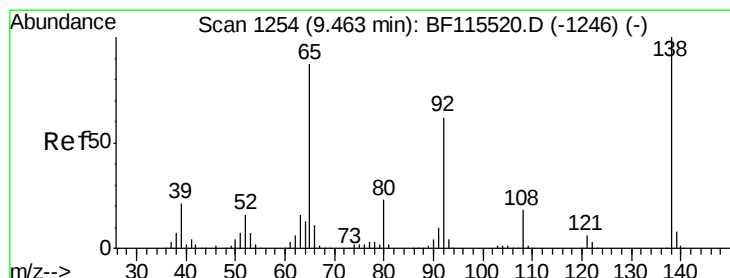
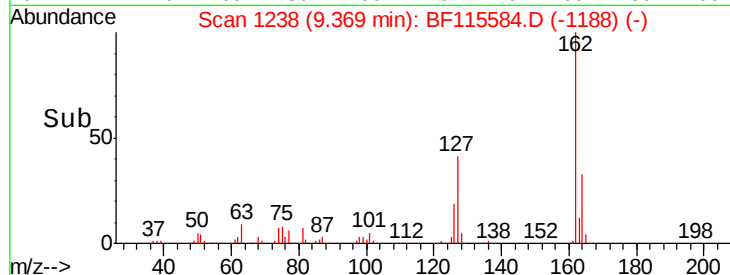
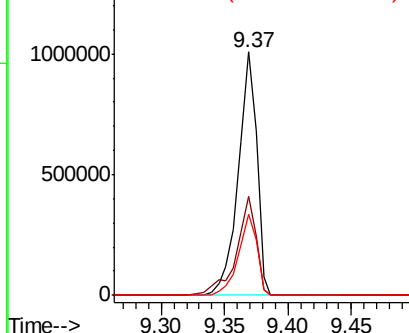
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	34.1	51.1
164	33.4	27.4	41.2

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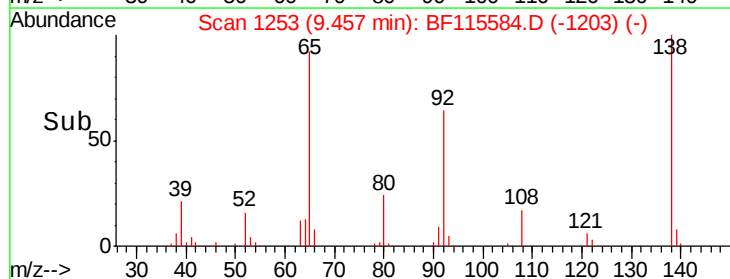
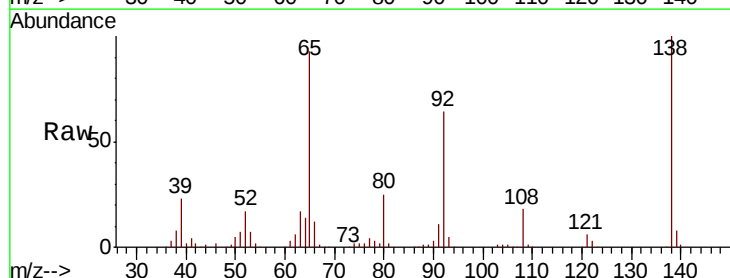
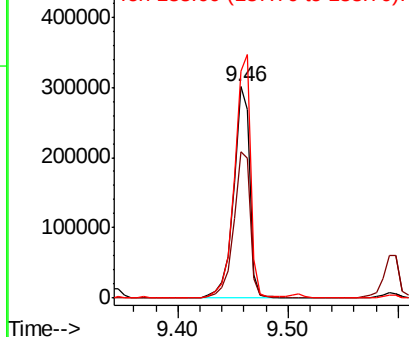
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

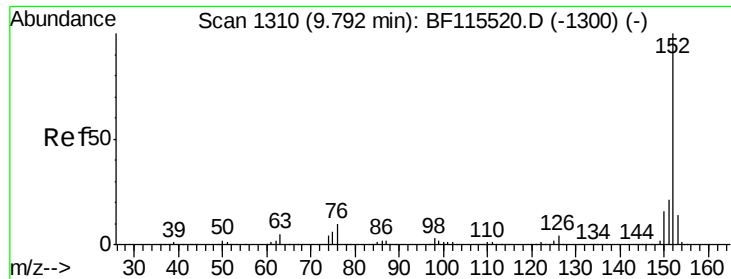


#48
 2-Nitroaniline
 Concen: 43.488 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	57.8	86.6
138	107.7	91.2	136.8

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.695 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

PB121322BS

Tot Ion:152 Resp: 1322554

Ion Ratio Lower Upper

152 100

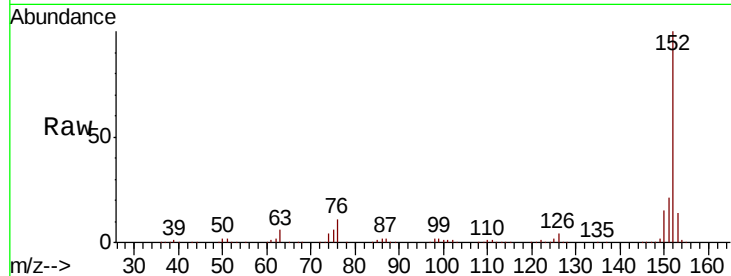
151 20.7 17.7 26.5

153 14.1 12.0 18.0

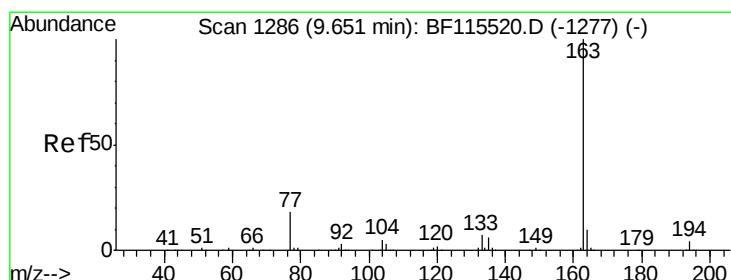
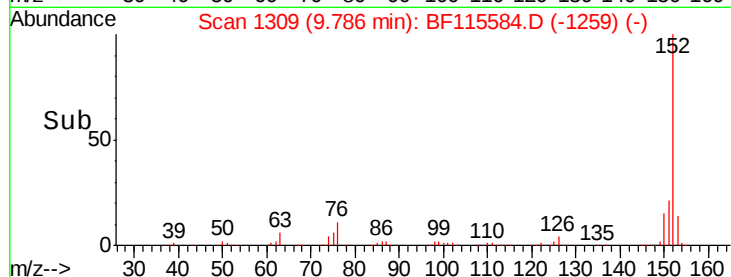
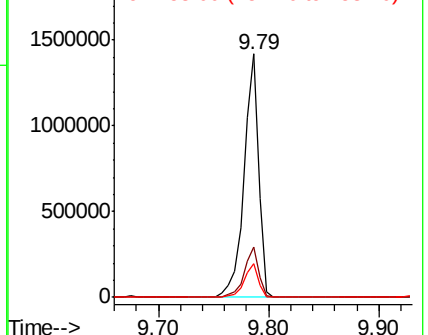
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.121 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

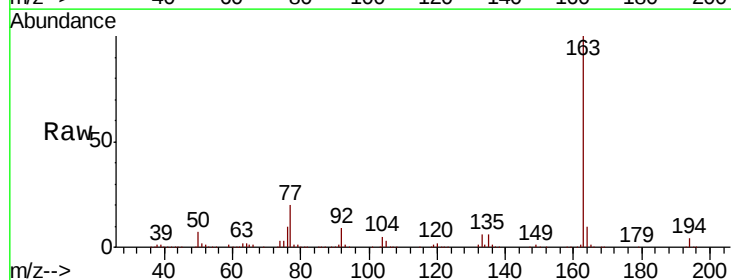
Tgt Ion:163 Resp: 1122931

Ion Ratio Lower Upper

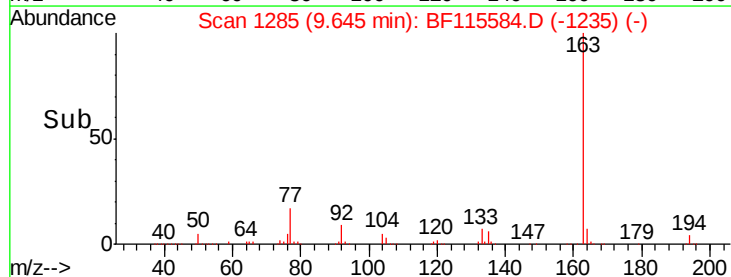
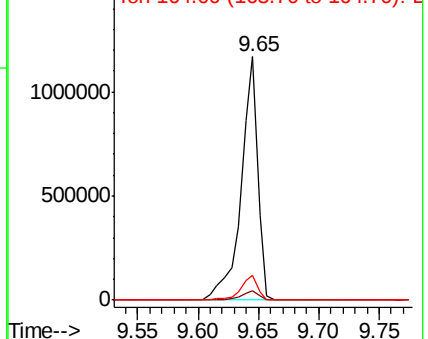
163 100

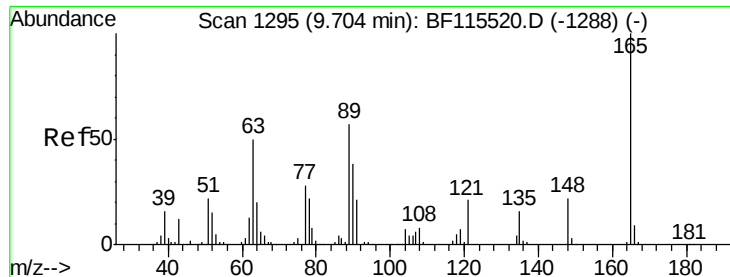
194 4.0 3.3 4.9

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





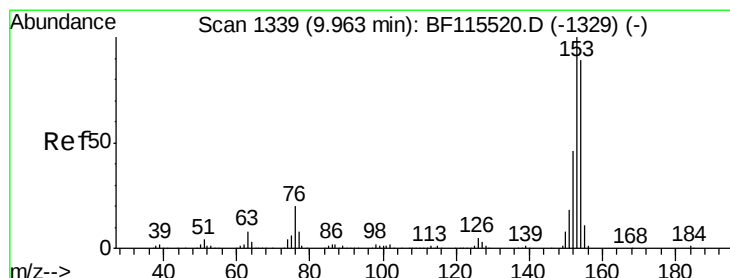
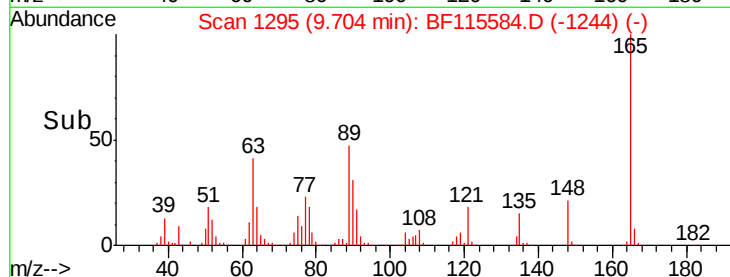
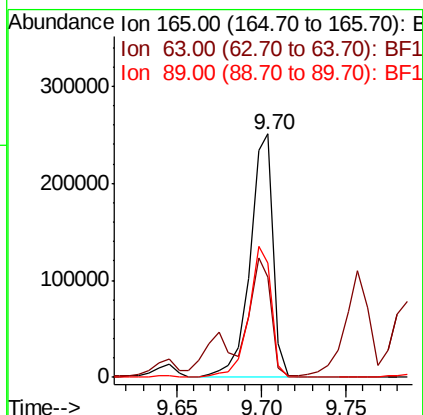
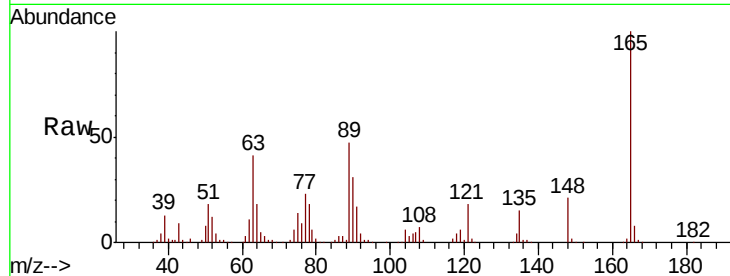
#51
2,6-Dinitrotoluene
Concen: 39.463 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	41.1	40.6	61.0
89	46.8	43.9	65.9

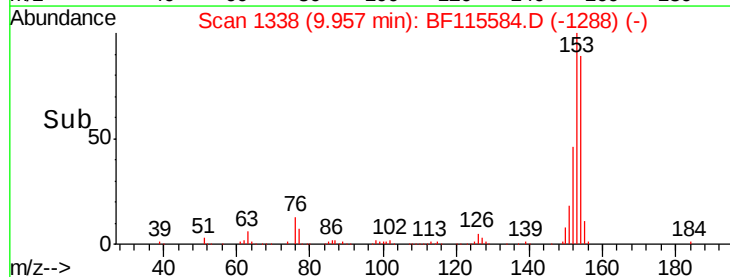
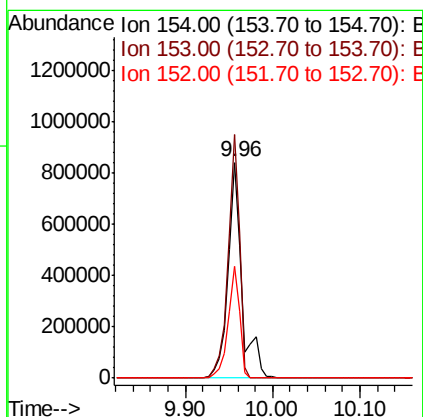
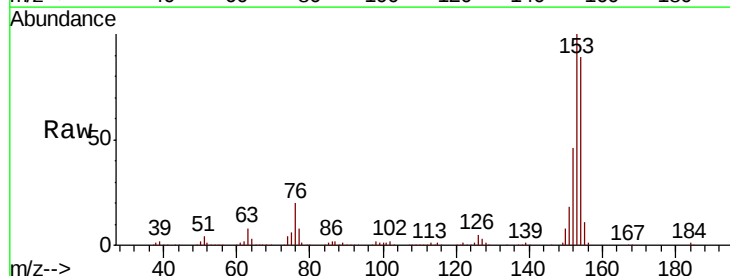
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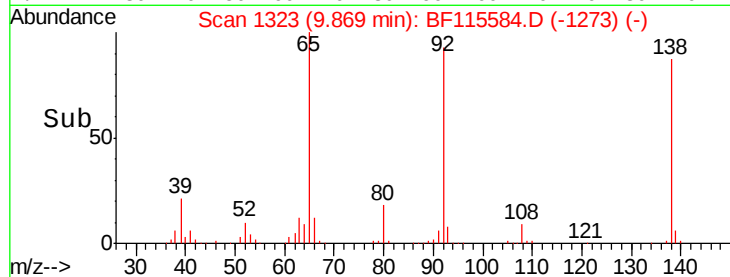
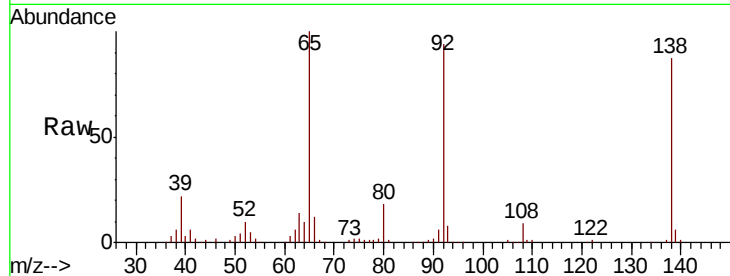
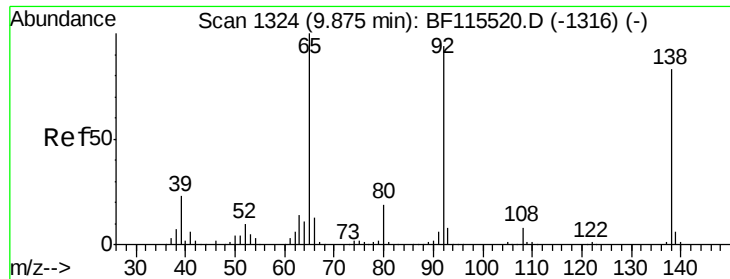
mohammad
7/17/2019 12:05:25 PM



#52
Acenaphthene
Concen: 42.112 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.8	88.6	133.0
152	51.7	42.3	63.5





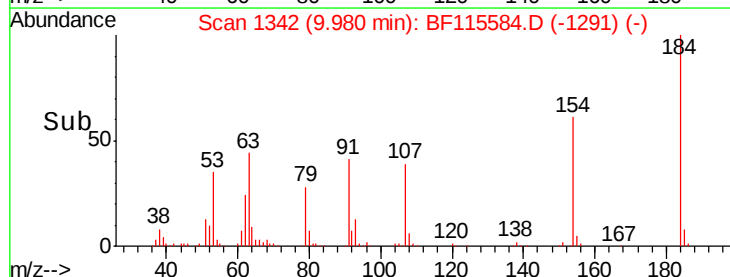
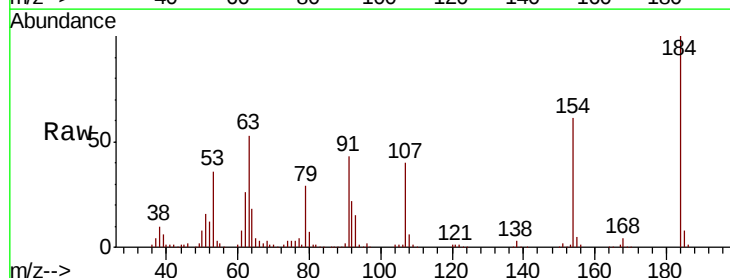
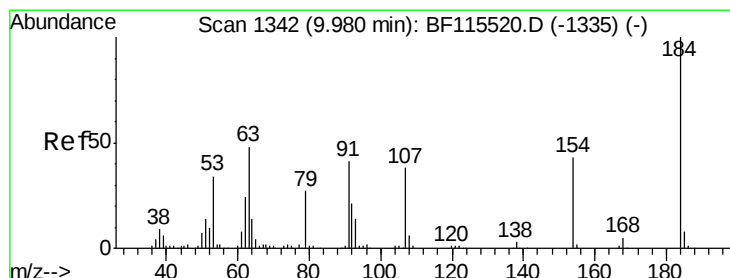
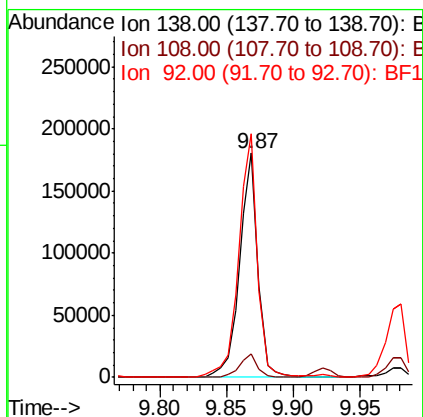
#53
3-Nitroaniline
Concen: 24.898 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tot Ion	Ratio	Resp	Lower	Upper
138	100	172386		
108	10.3	8.4	12.6	
92	108.7	88.0	132.0	

Instrument :
BNA_F
ClientSampleId :
PB121322BS

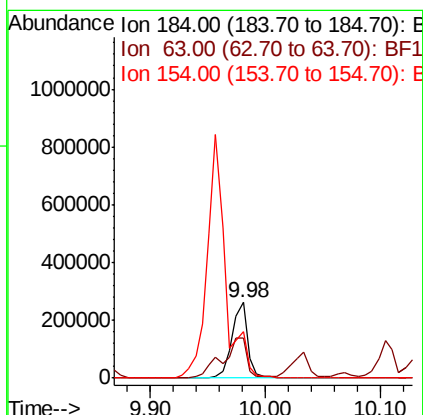
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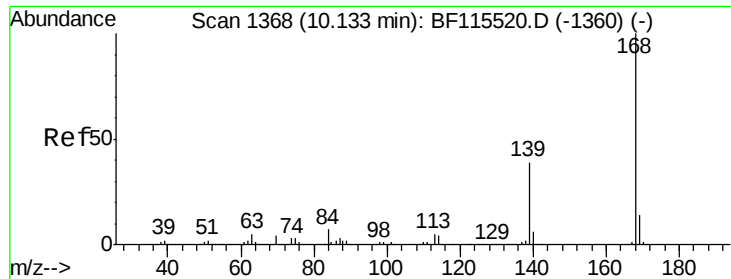
mohammad
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#54
2,4-Dinitrophenol
Concen: 80.346 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	249926		
63	53.2	48.7	73.1	
154	60.7	48.6	73.0	





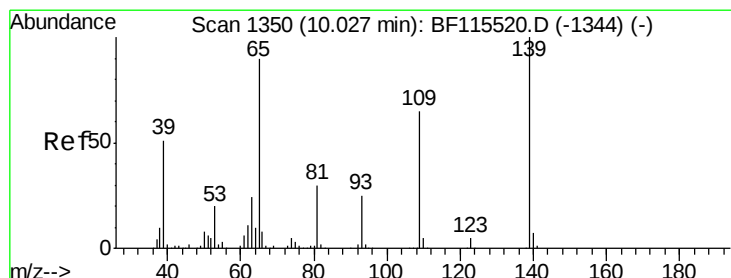
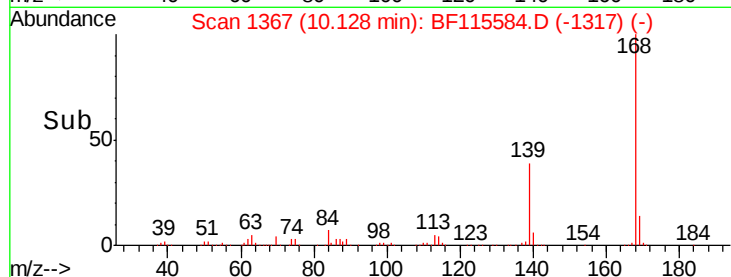
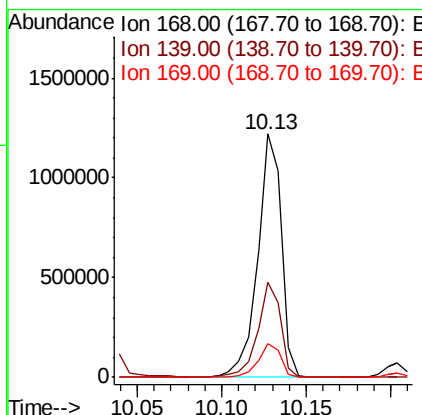
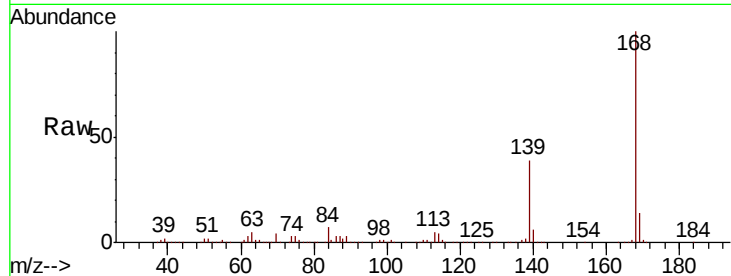
#55
Dibenzenofuran
Concen: 37.954 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.1	46.7
169	13.9	11.1	16.7

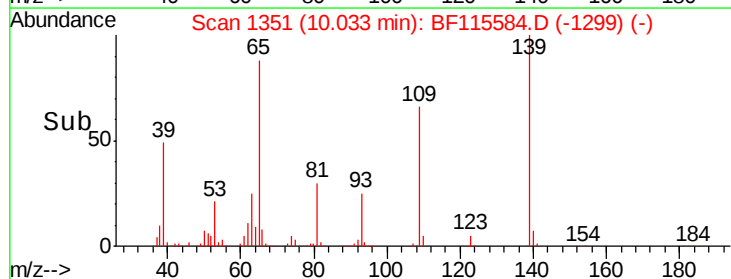
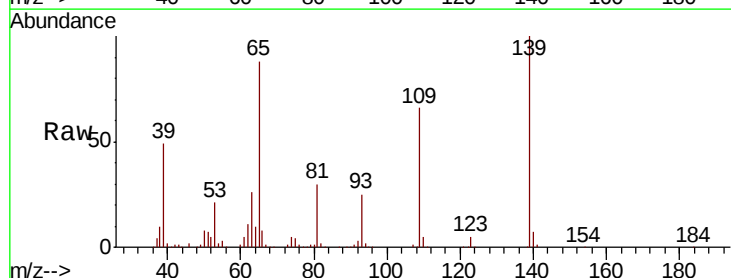
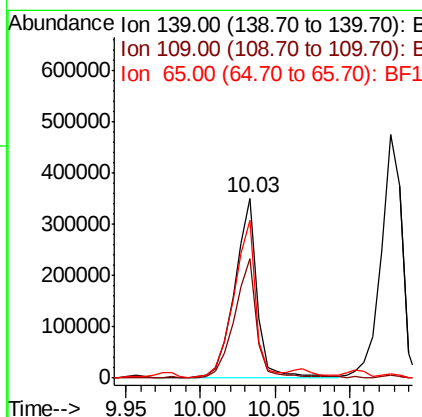
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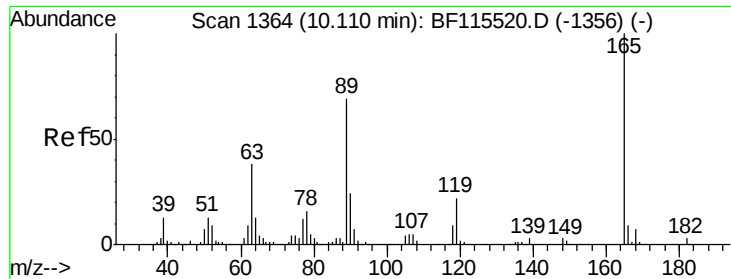
mohammad
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#56
4-Nitrophenol
Concen: 70.378 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	46.4	86.4
65	87.7	68.9	108.9





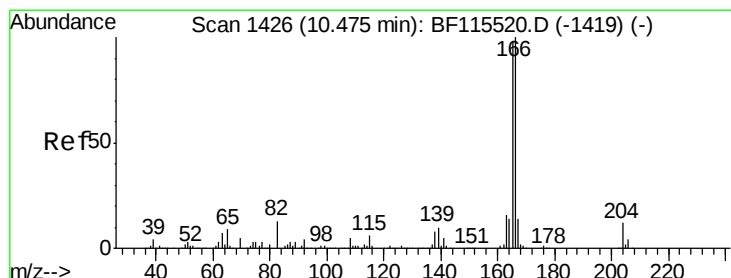
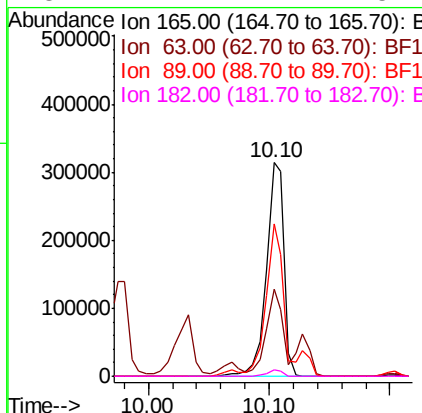
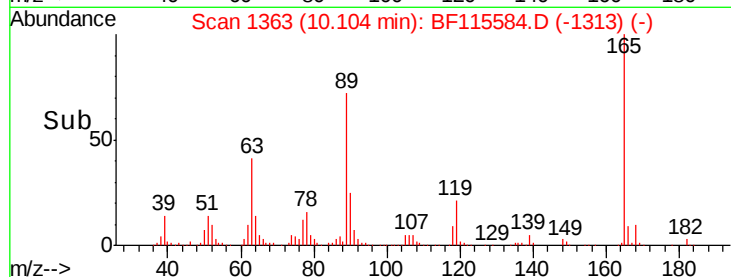
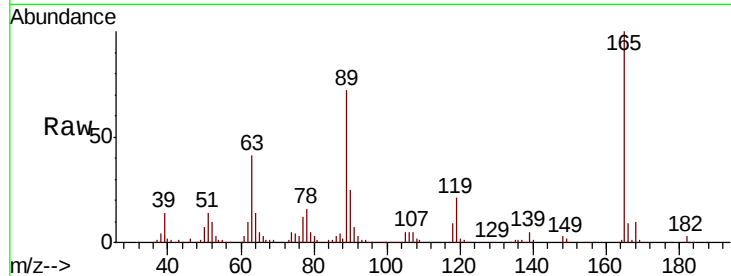
#57
2,4-Dinitrotoluene
Concen: 40.295 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.8	34.9	52.3	
89	71.6	57.5	86.3	
182	2.7	2.2	3.4	

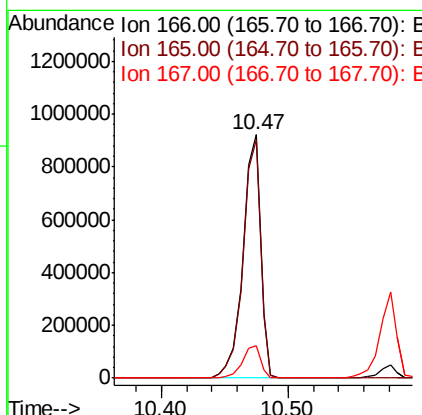
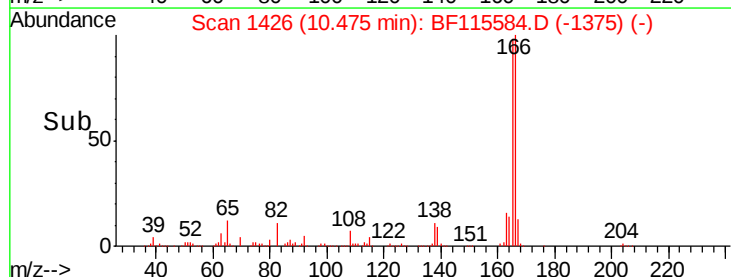
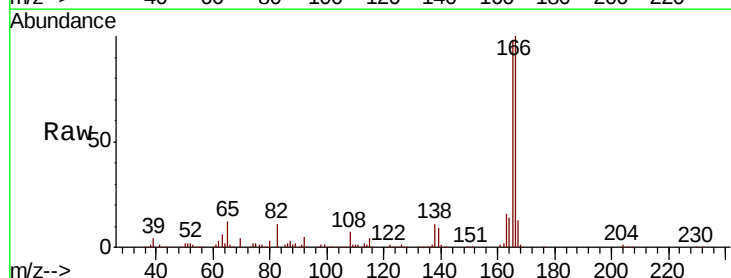
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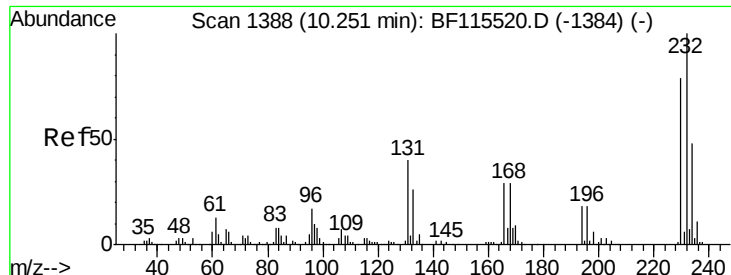
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#58
Fluorene
Concen: 39.469 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.1	79.8	119.6	
167	13.3	11.2	16.8	





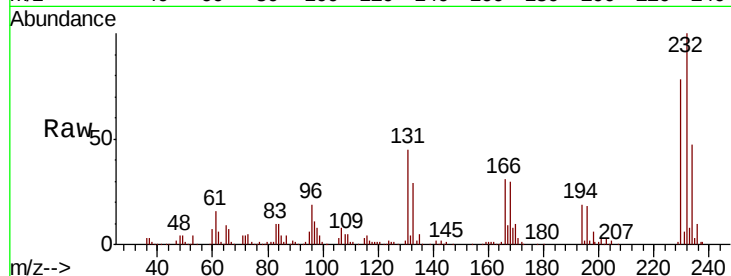
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.500 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

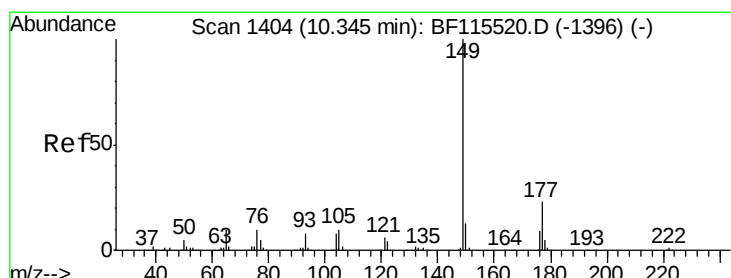
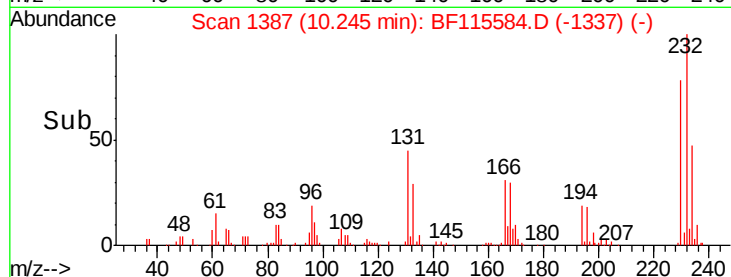
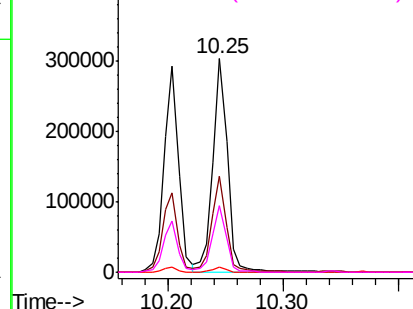
Tot Ion	Ratio	Resp	Lower	Upper
232	100	270555		
131	43.6		35.9	53.9
130	2.0		1.8	2.6
166	30.5		24.8	37.2

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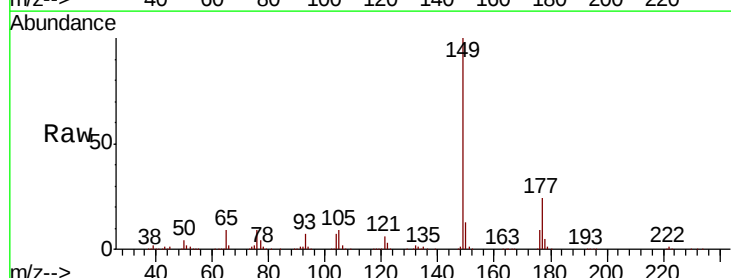


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

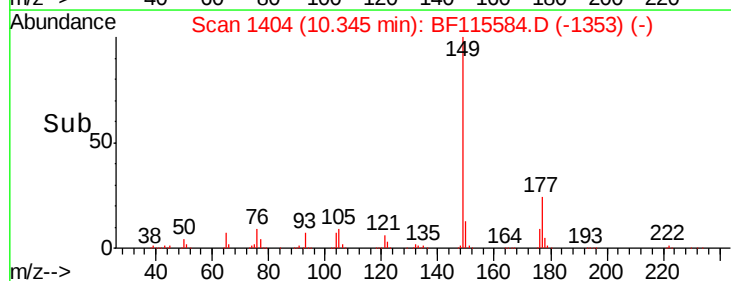
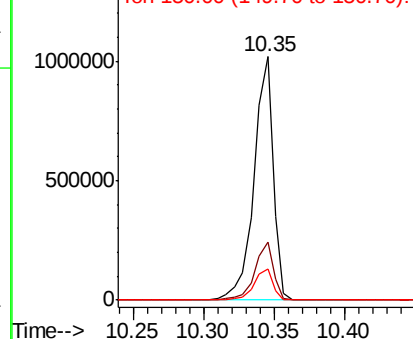


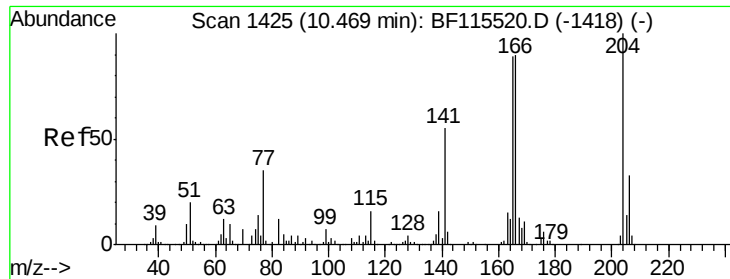
#60
Diethylphthalate
Concen: 38.976 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	973595		
177	23.7		19.5	29.3
150	12.7		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





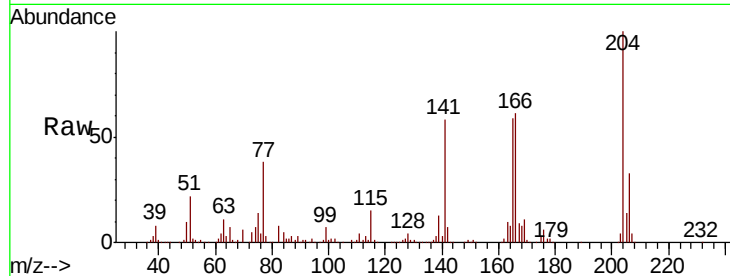
#61
4-Chlorophenyl-phenylether
Concen: 36.740 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

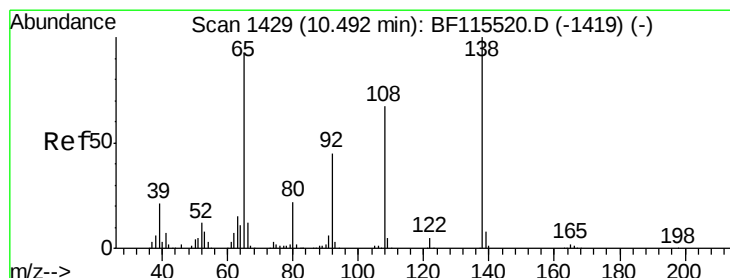
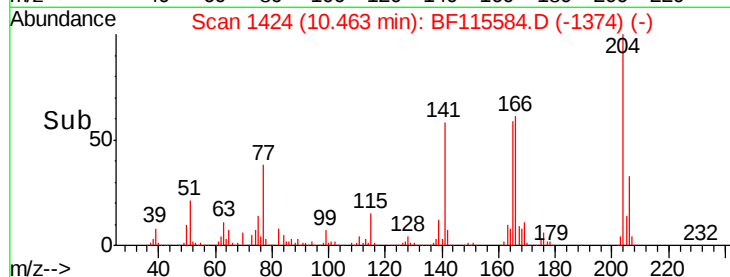
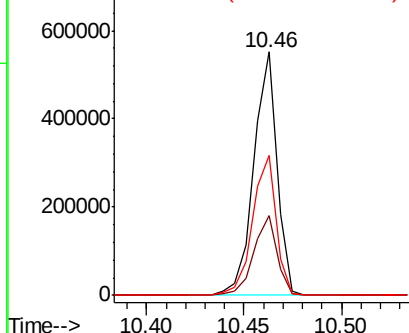
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.7	40.1
141	57.5	44.2	66.2

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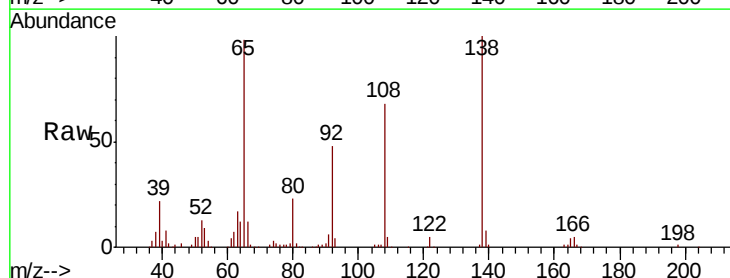


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

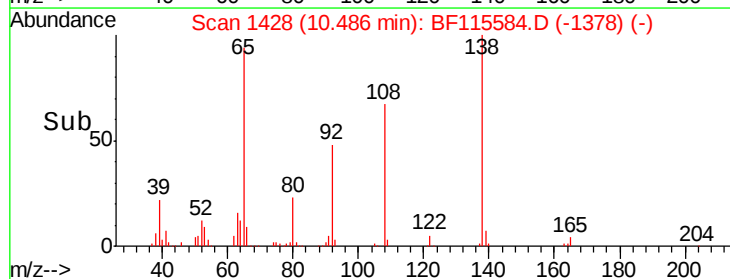
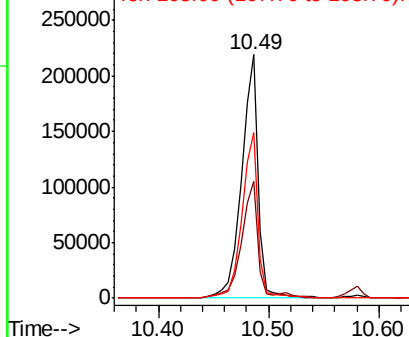


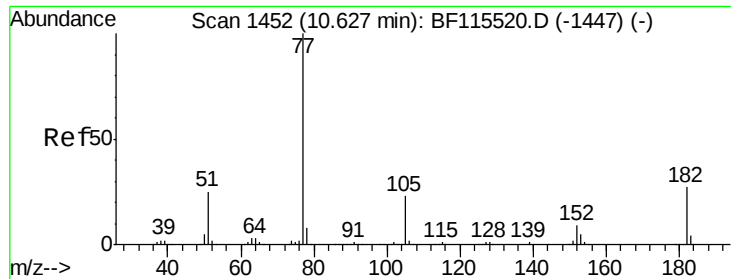
#62
4-Nitroaniline
Concen: 34.891 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	27.1	67.1
108	68.2	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





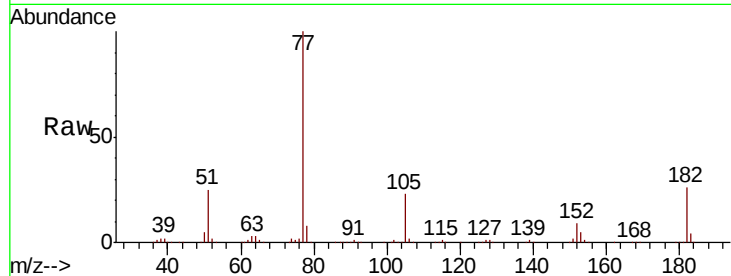
#63
Azobenzene
Concen: 38.968 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

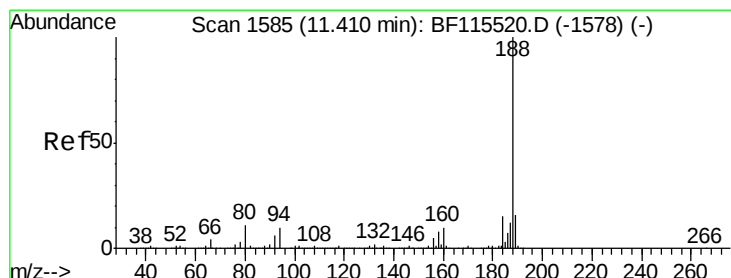
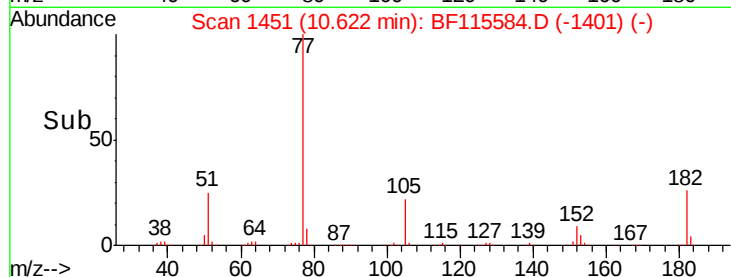
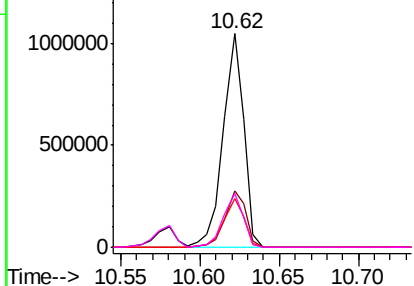
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.2	6.9	46.9		
105	23.1	3.9	43.9		
51	25.4	7.3	47.3		

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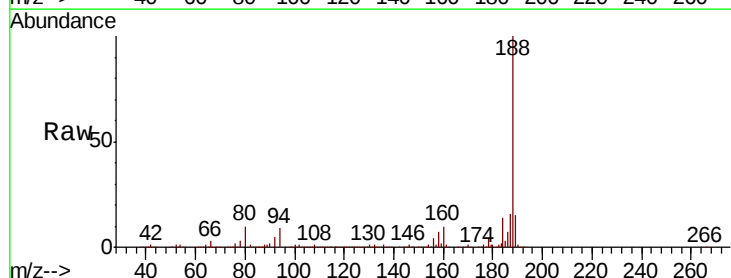


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

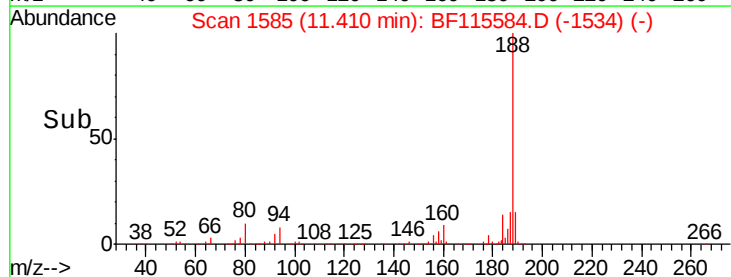
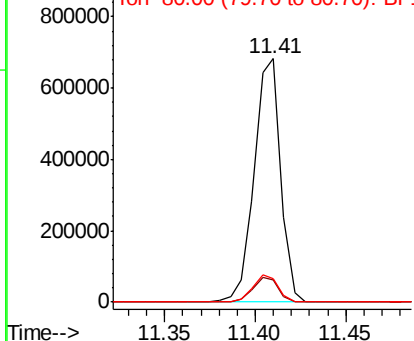


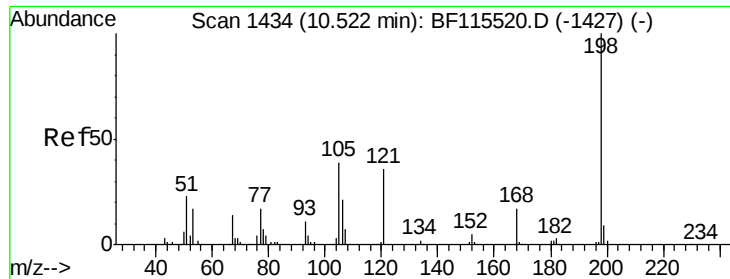
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0	7.8	11.6		
80	9.7	8.6	13.0		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





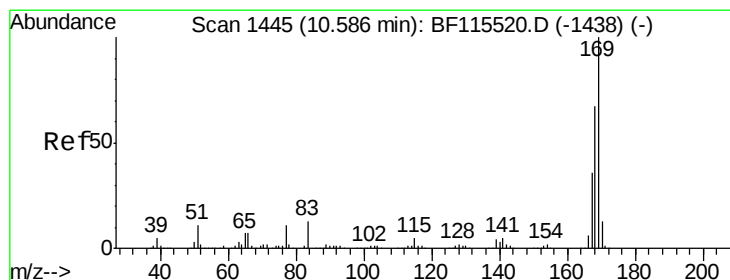
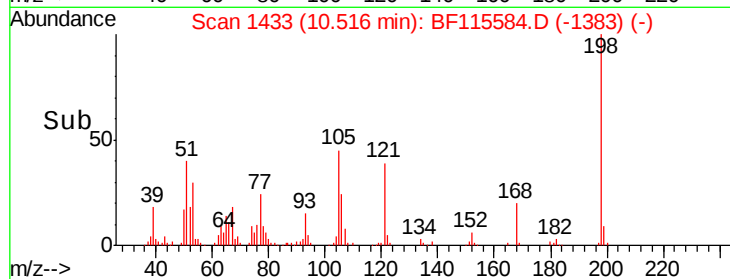
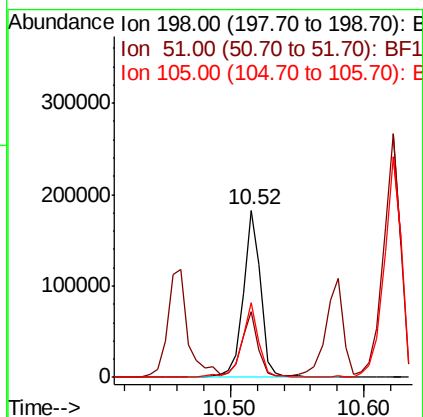
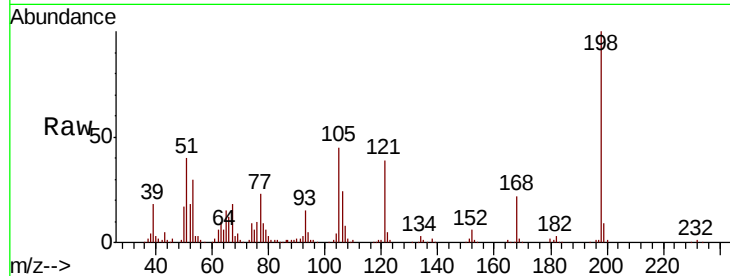
#65
4,6-Dinitro-2-methylphenol
Concen: 38.787 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	164096		
51	39.5	19.1	59.1	
105	44.6	23.6	63.6	

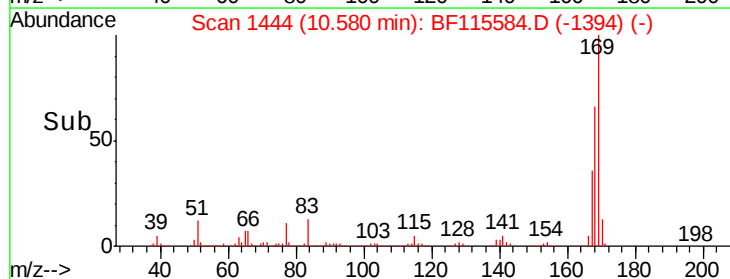
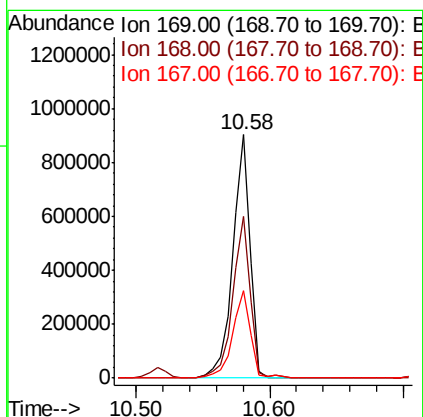
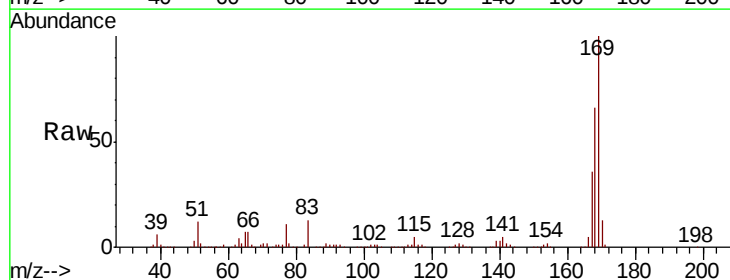
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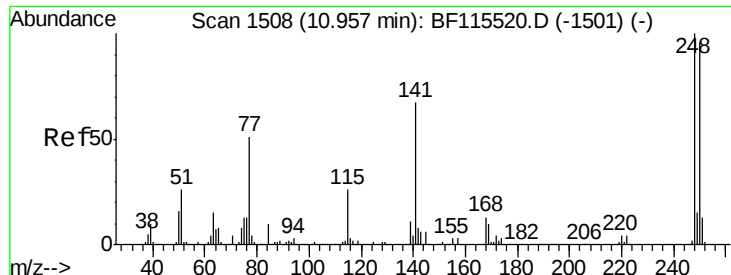
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#66
n-Nitrosodiphenylamine
Concen: 38.227 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	823418		
168	66.4	54.3	81.5	
167	36.0	30.2	45.2	





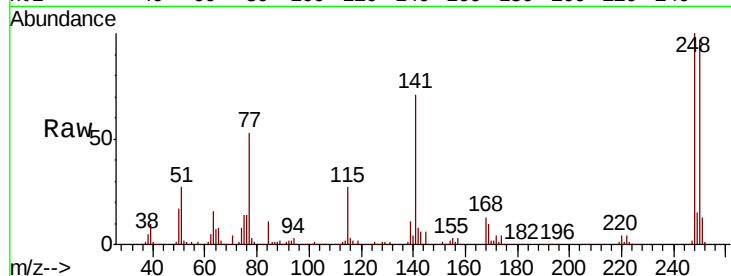
#67
4-Bromophenyl-phenylether
Concen: 36.530 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.0	117.0
141	70.6	57.7	86.5

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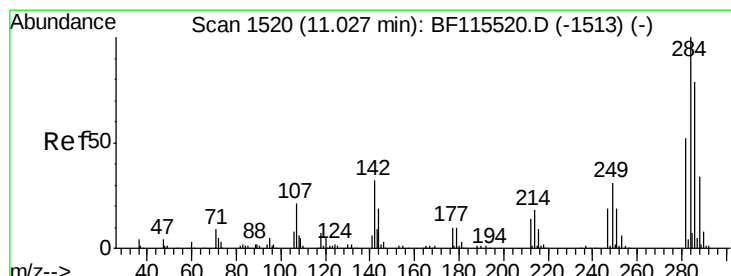
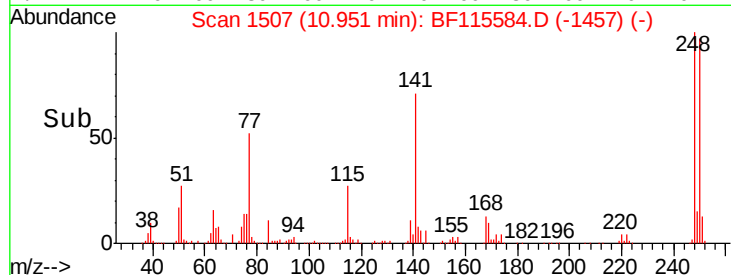
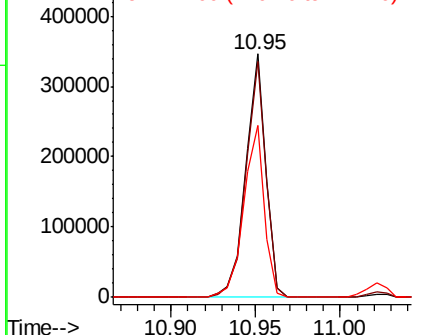


Abundance

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: 36.527 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

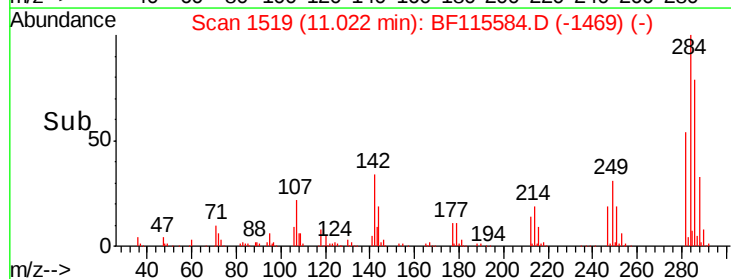
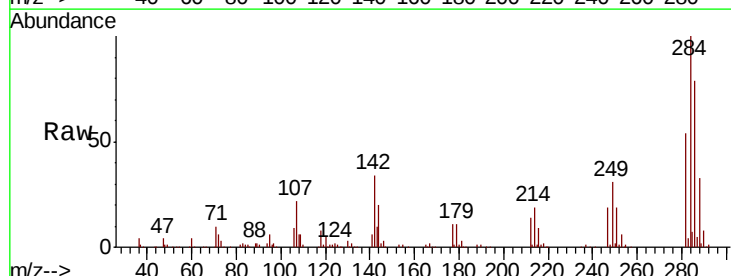
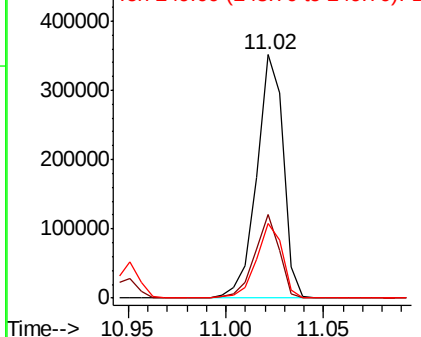
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	22.2	33.2#
249	30.5	23.4	35.2

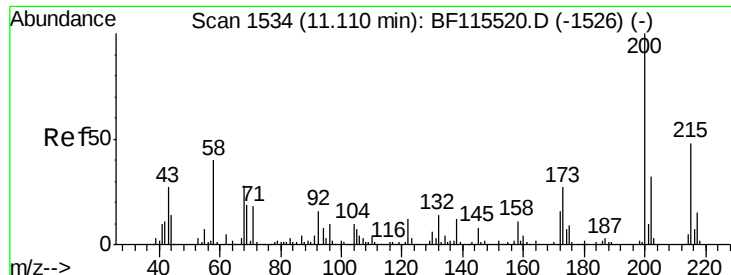
Abundance

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





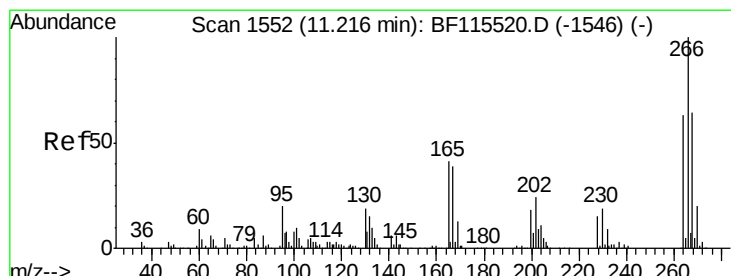
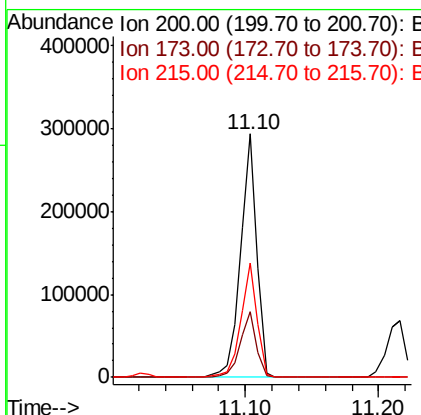
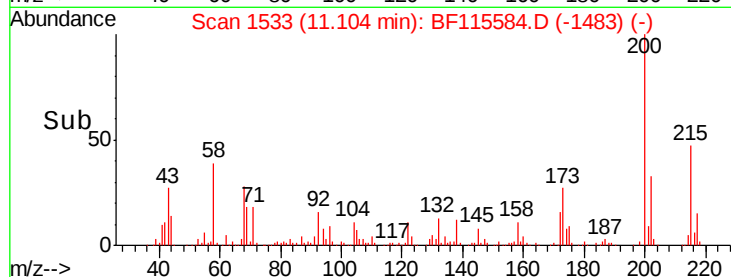
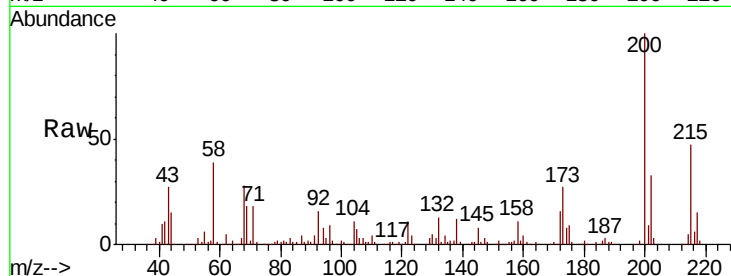
#69
Atrazine
Concen: 35.279 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.7	6.9	46.9
215	47.1	27.9	67.9

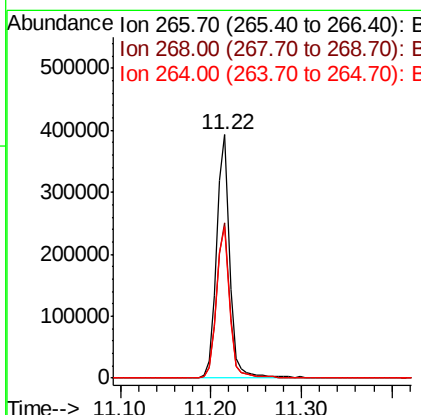
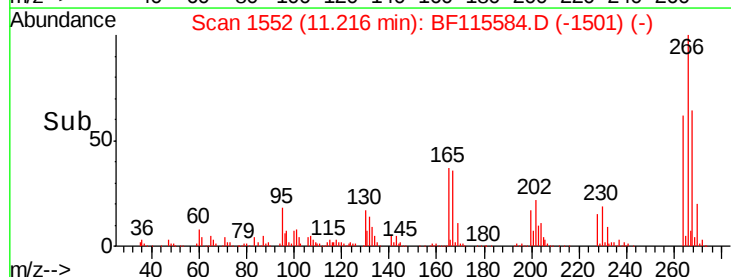
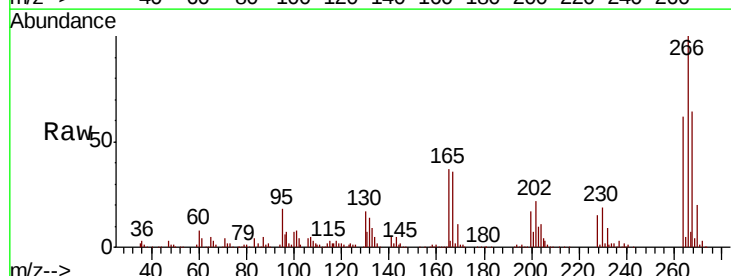
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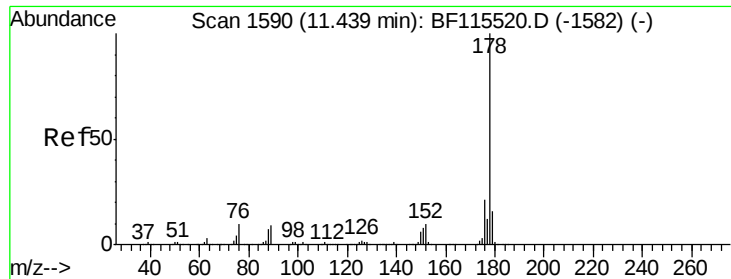
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#70
Pentachlorophenol
Concen: 71.496 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	51.6	77.4
264	62.4	50.6	76.0





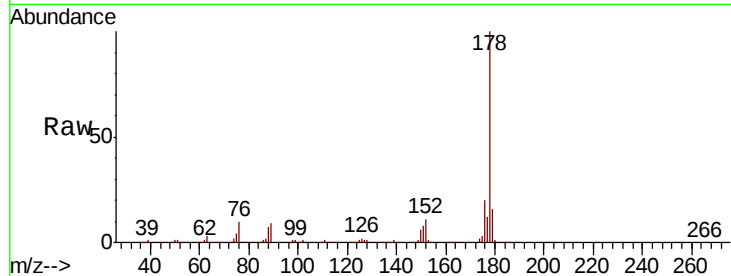
#71
Phenanthrene
Concen: 38.181 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

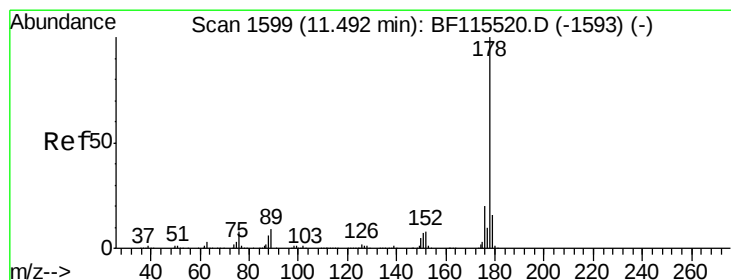
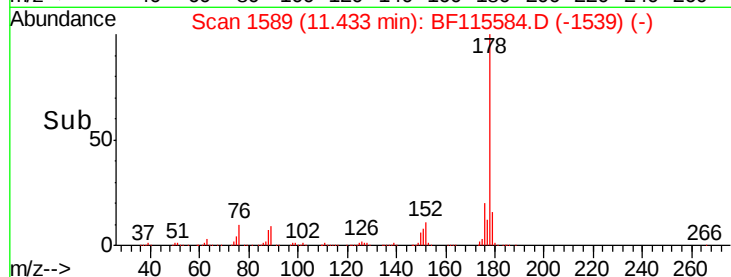
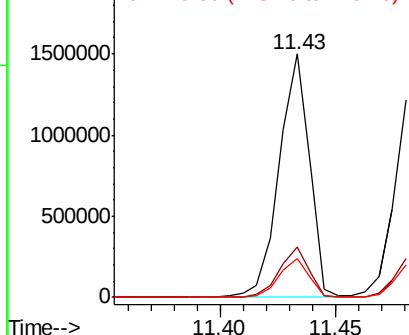
Tot Ion:178 Resp: 1355240
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 16.0 13.5 20.3

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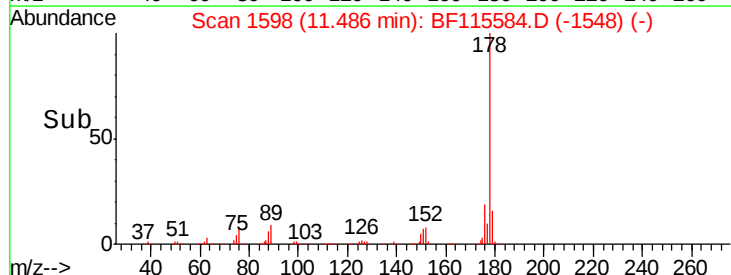
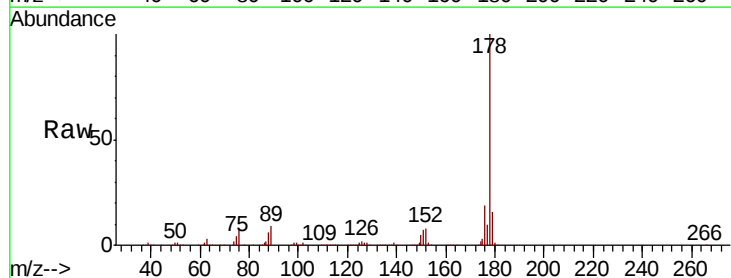
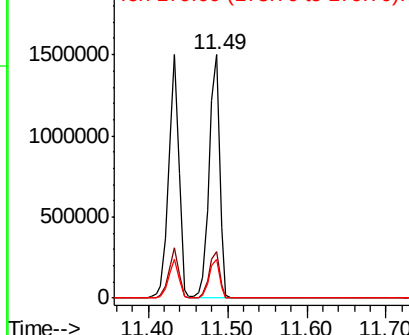
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

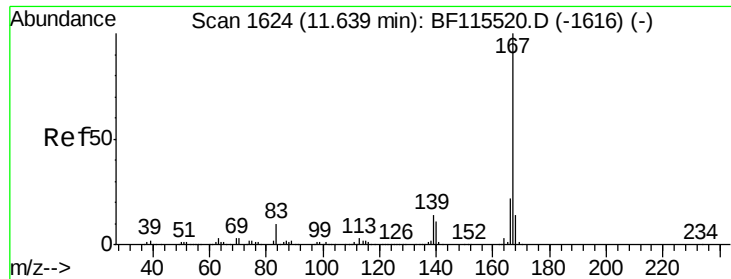


#72
Anthracene
Concen: 37.644 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:178 Resp: 1380881
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.7 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





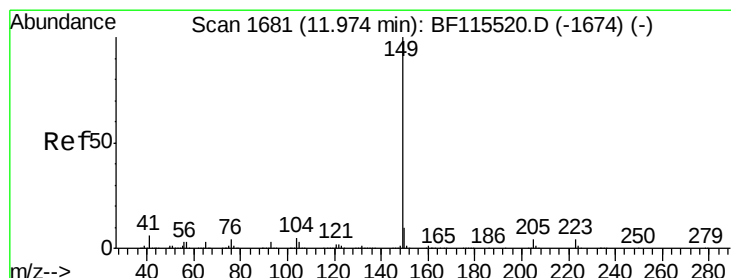
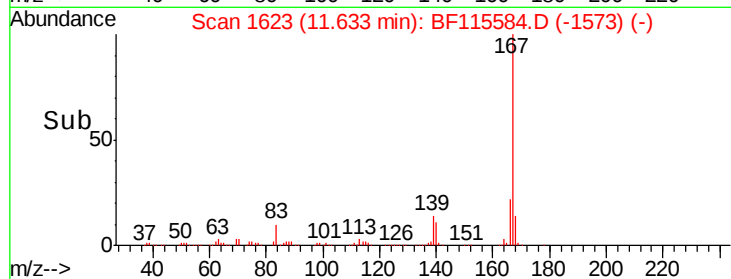
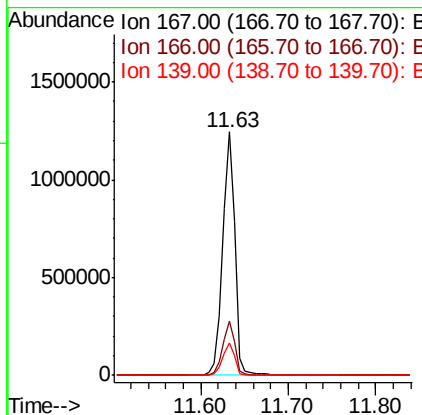
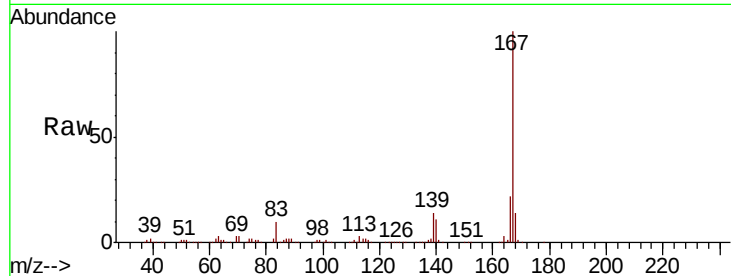
#73
 Carbazole
 Concen: 37.902 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :
 PB121322BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.6	11.3	16.9

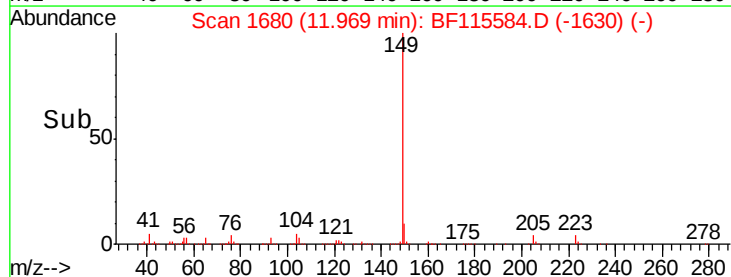
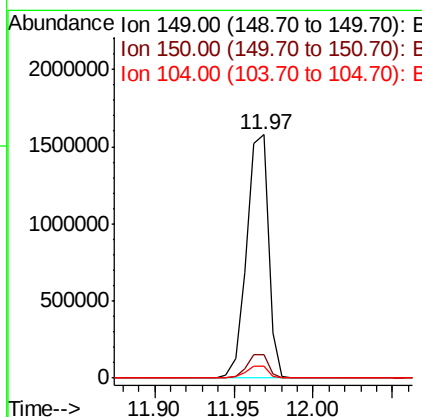
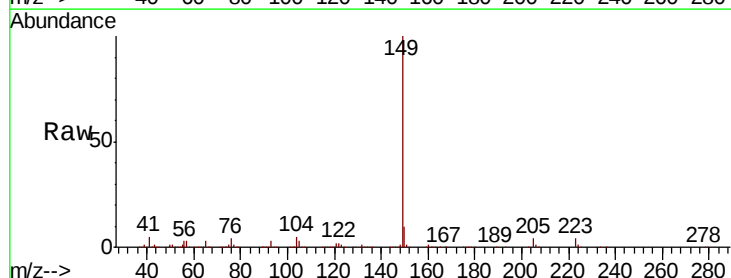
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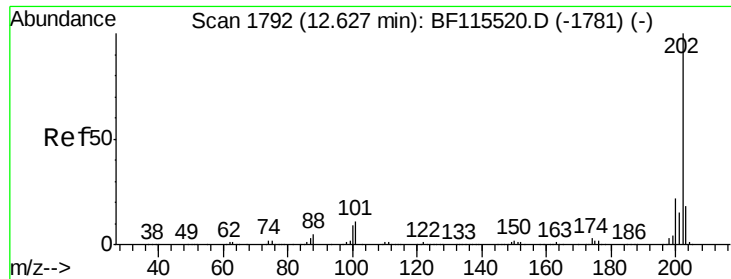
mohammad
 7/17/2019 12:05:25 PM



#74
 Di-n-butylphthalate
 Concen: 37.886 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.7	3.8	5.8





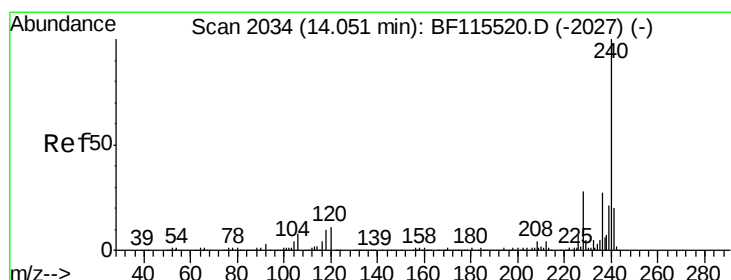
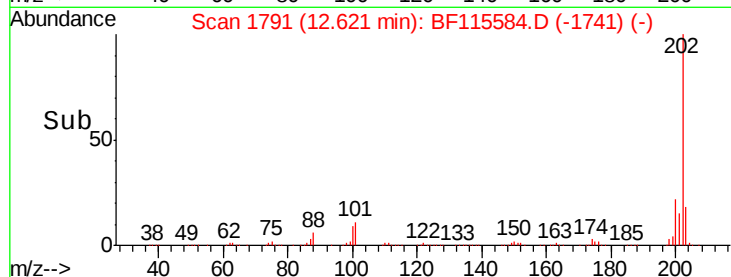
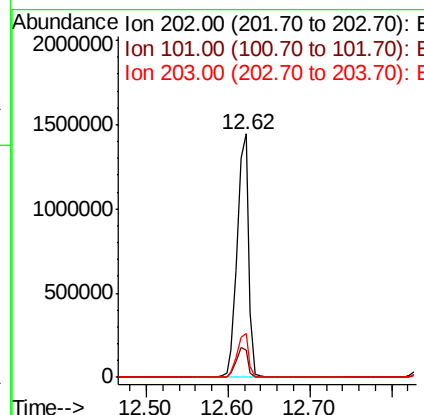
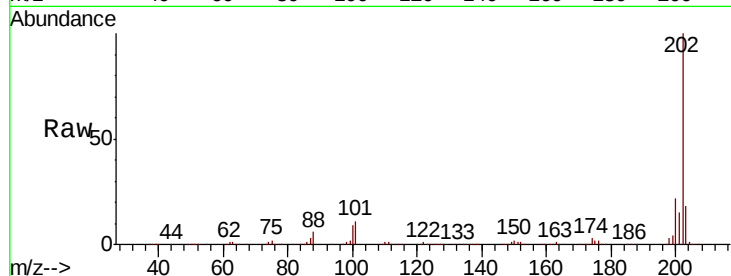
#75
Fluoranthene
Concen: 37.788 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	18.1	0.0	38.1

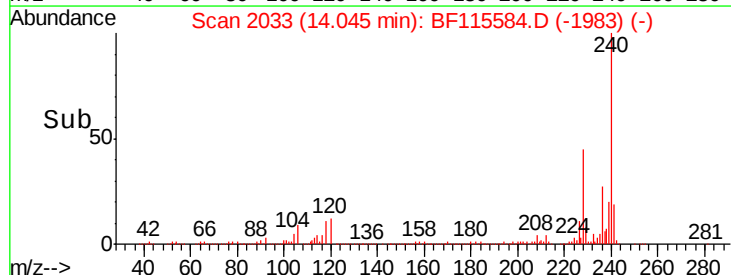
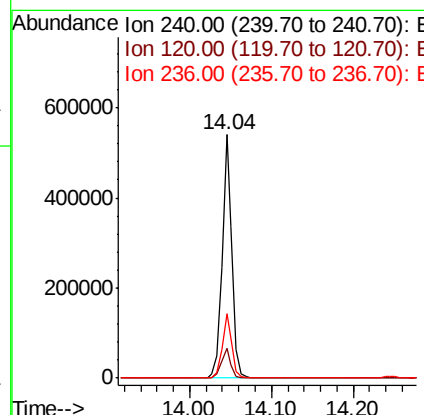
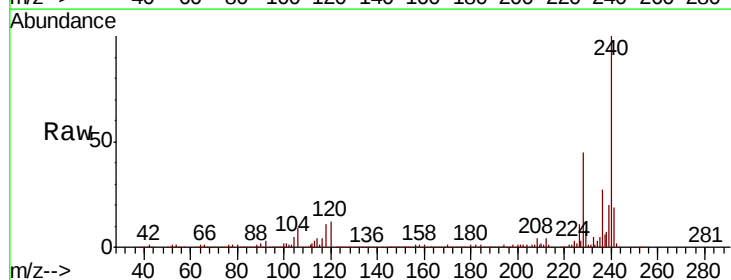
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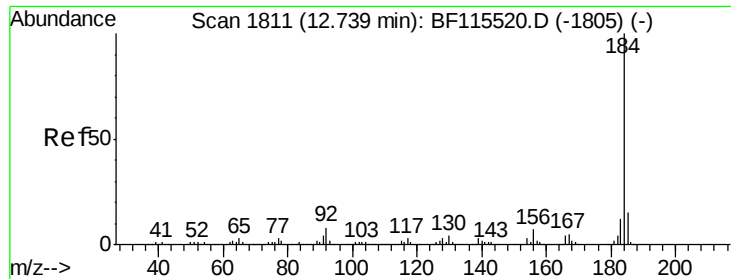
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	13.0
236	26.6	21.3	31.9





#77

Benzidine

Concen: 19.303 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

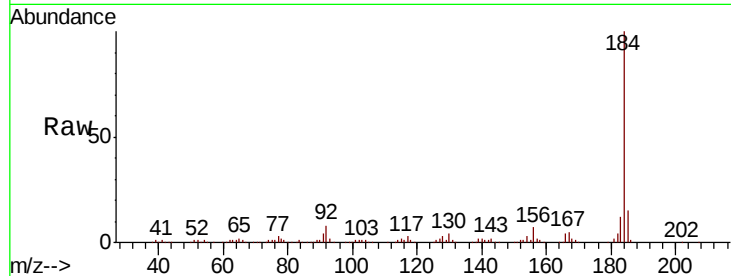
ClientSampleId :

PB121322BS

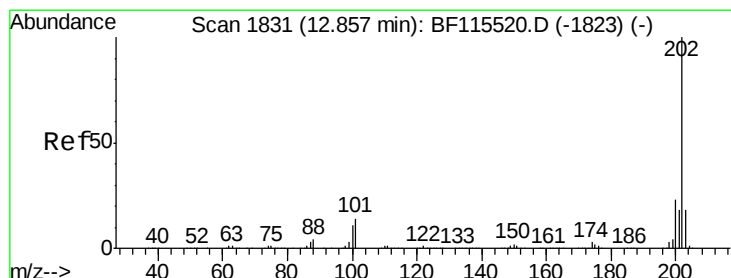
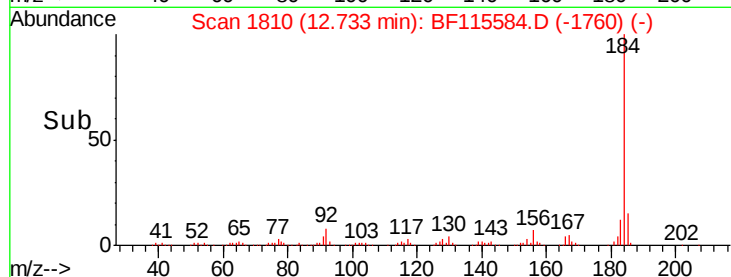
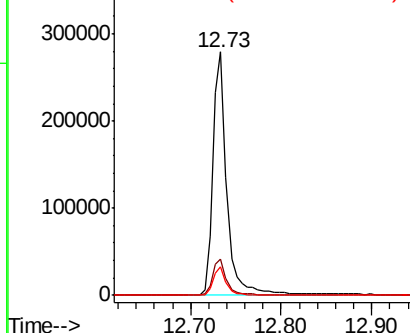
Tot Ion:	184	Resp:	305464
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.0	18.0
183	11.6	9.3	13.9

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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: 37.514 ng

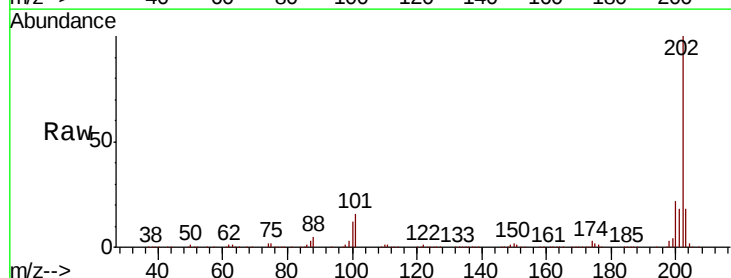
RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

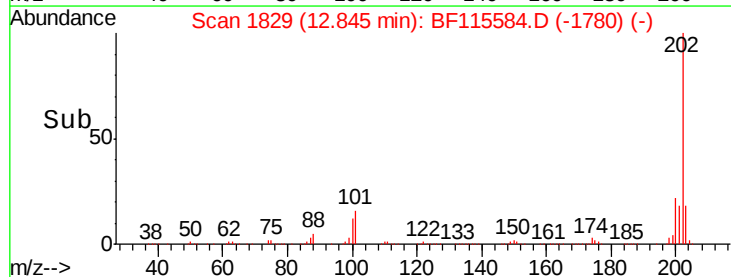
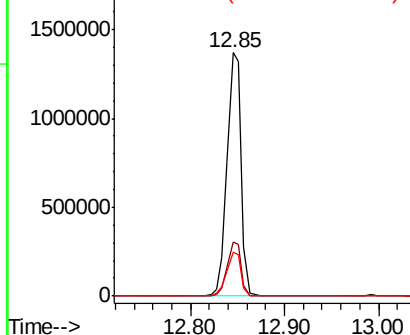
Lab File: BF115584.D

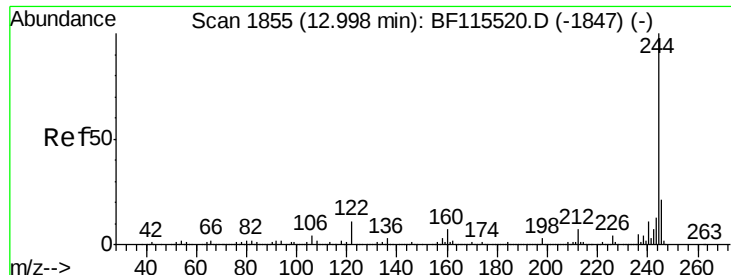
Acq: 16 Jul 2019 9:06

Tgt Ion:	202	Resp:	1419788
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.7	28.1
203	18.3	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





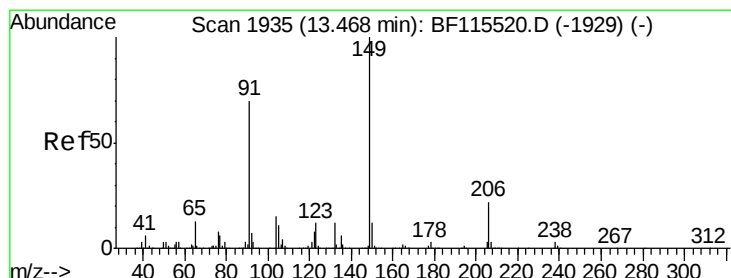
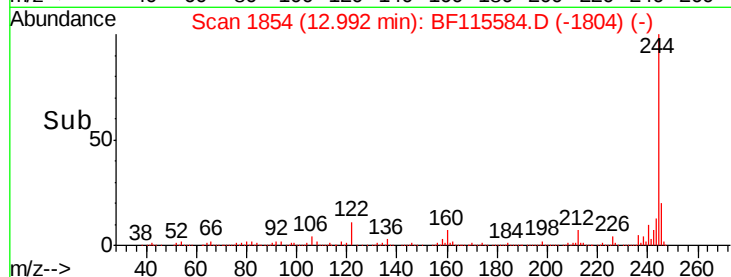
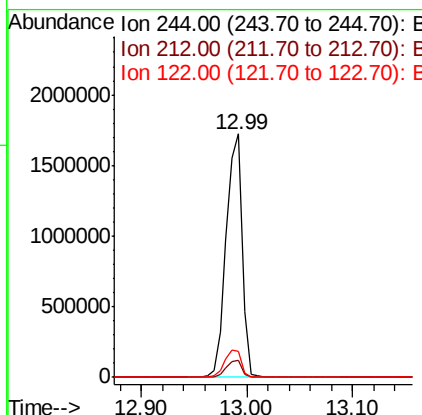
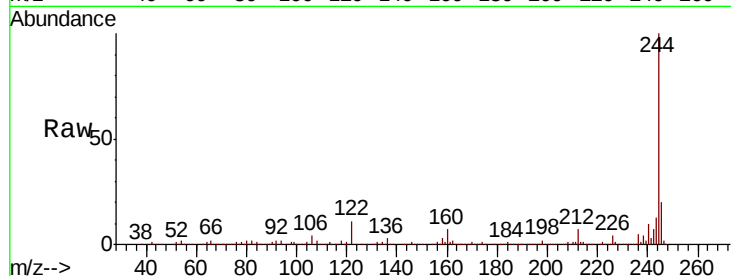
#79
 Terphenyl-d14
 Concen: 75.234 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :
 PB121322BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.5	8.6	12.8

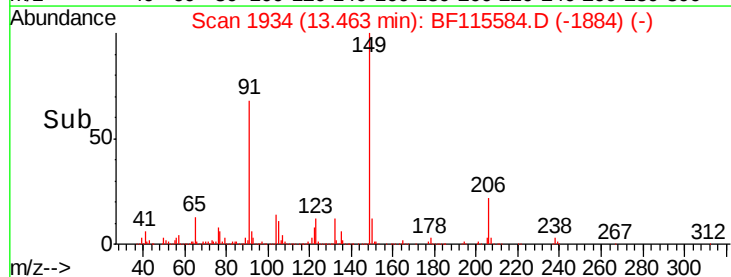
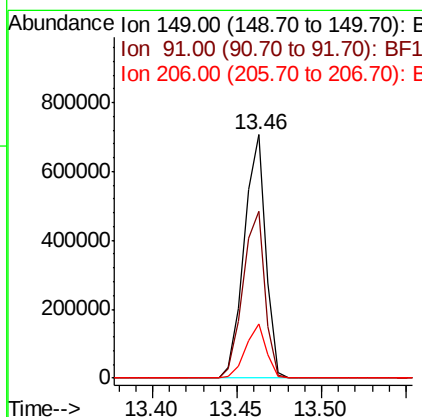
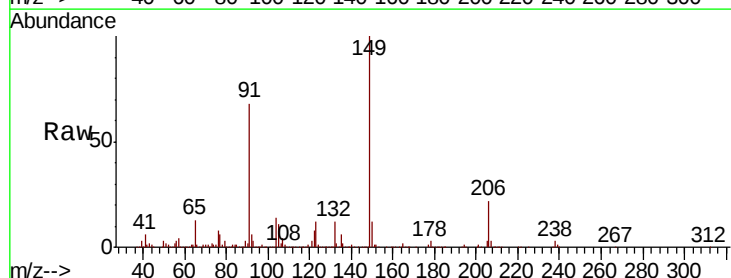
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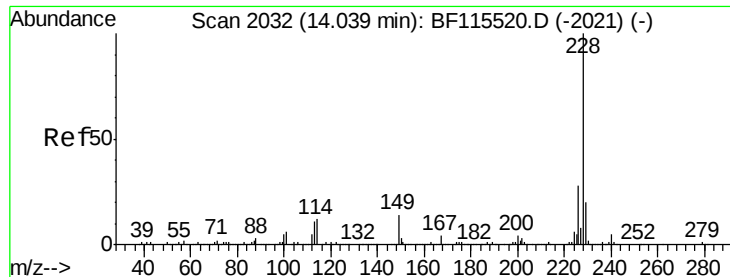
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.086 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	55.8	83.8
206	22.3	18.2	27.2





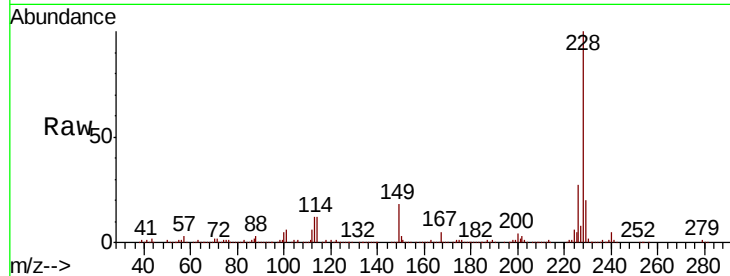
#81
Benzo(a)anthracene
Concen: 37.023 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.4	35.0
229	20.0	17.2	25.8

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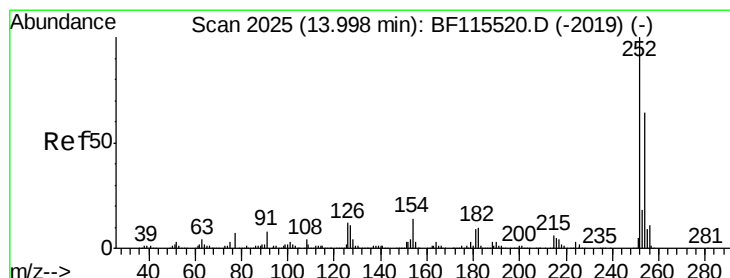
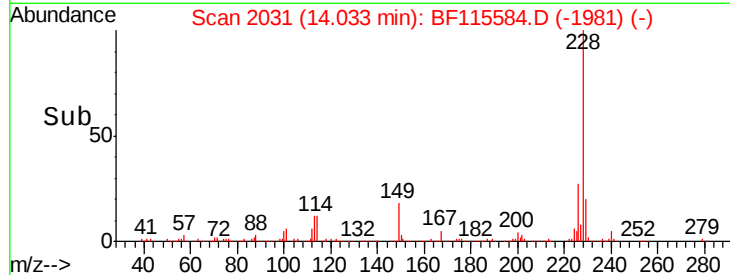
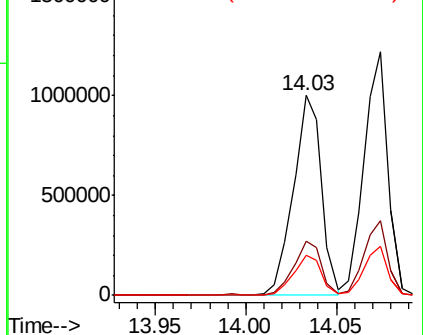


Abundance

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: 31.138 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

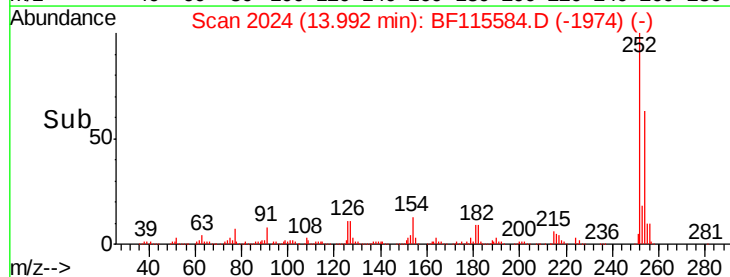
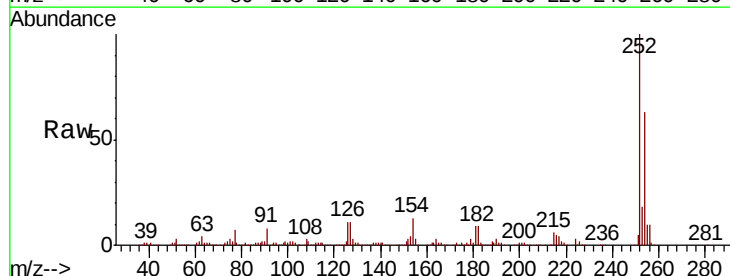
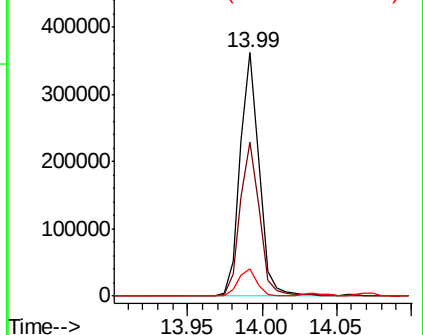
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.9	79.3
126	11.3	9.9	14.9

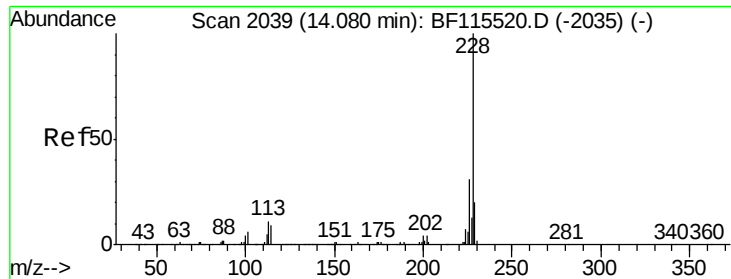
Abundance

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





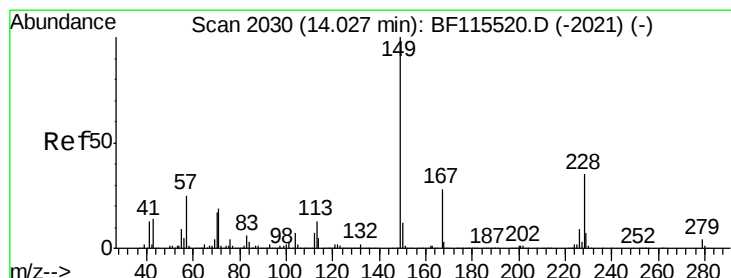
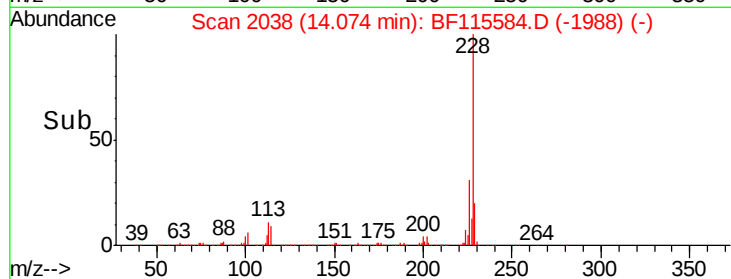
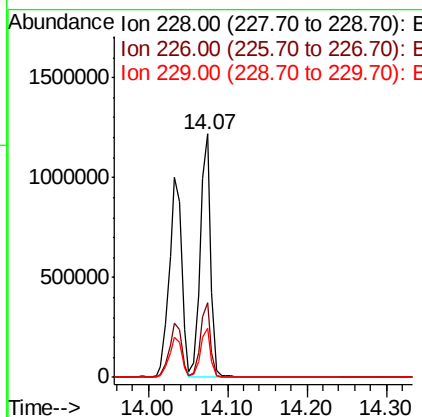
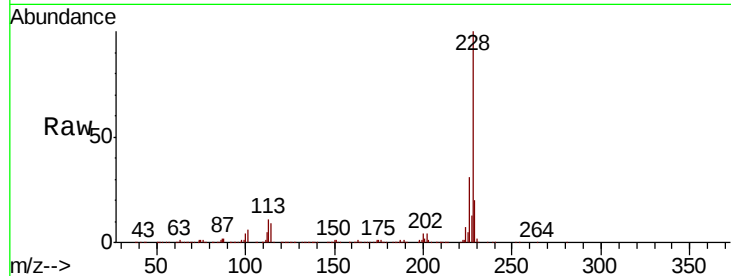
#83
 Chrvsene
 Concen: 38.297 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :
 PB121322BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.7	38.5
229	20.2	16.6	25.0

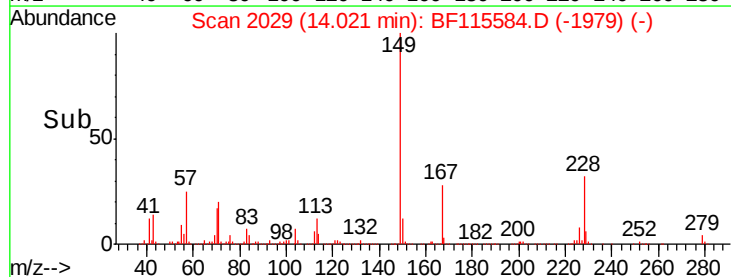
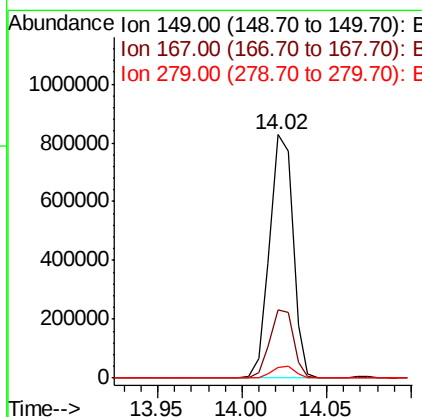
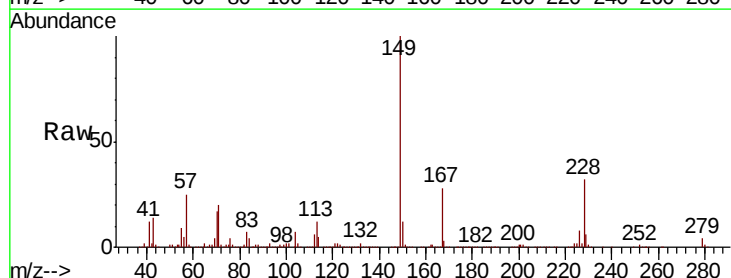
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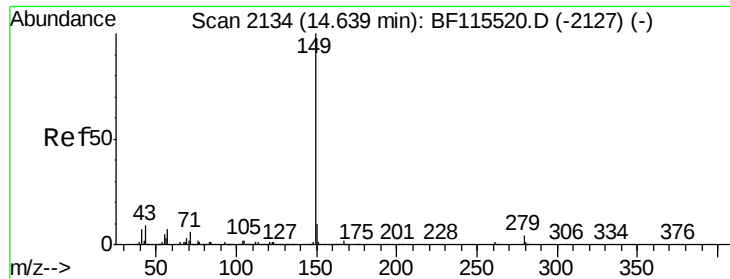
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.001 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.0	34.4
279	4.1	4.2	6.2#





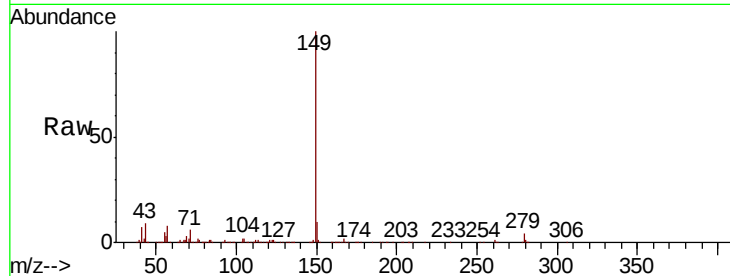
#85
Di-n-octyl phthalate
Concen: 40.577 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

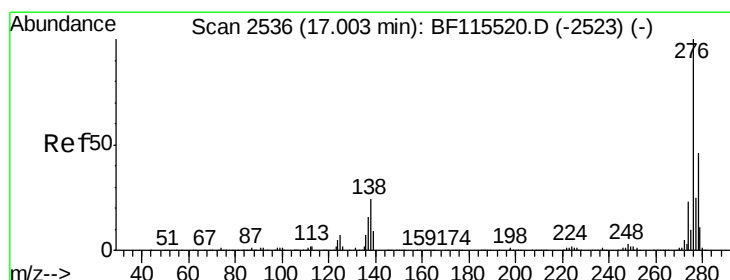
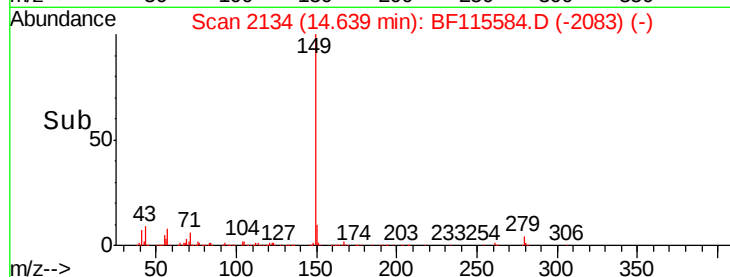
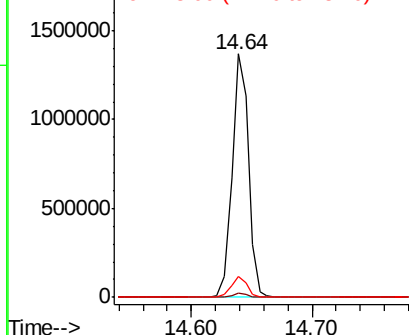
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.3	7.2	10.8

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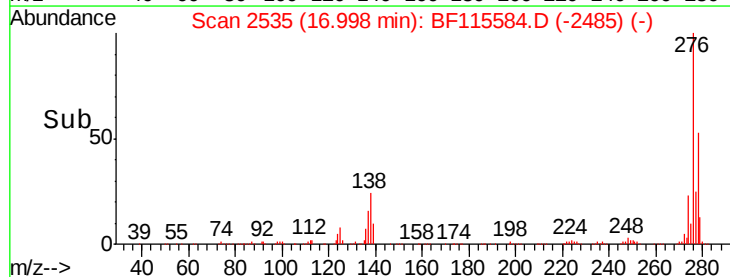
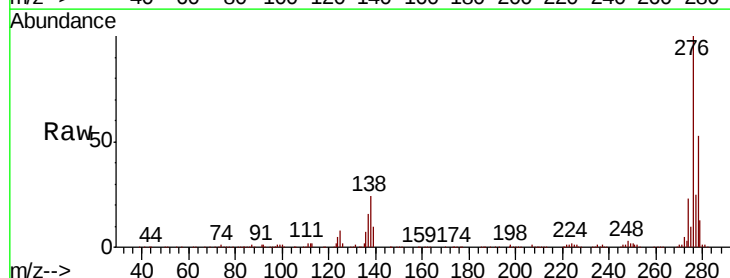
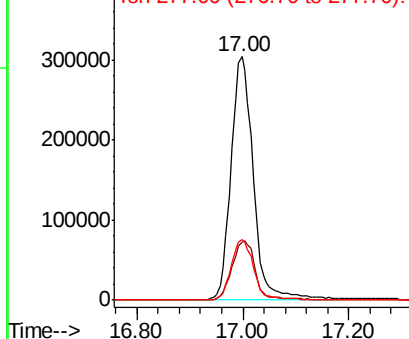
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

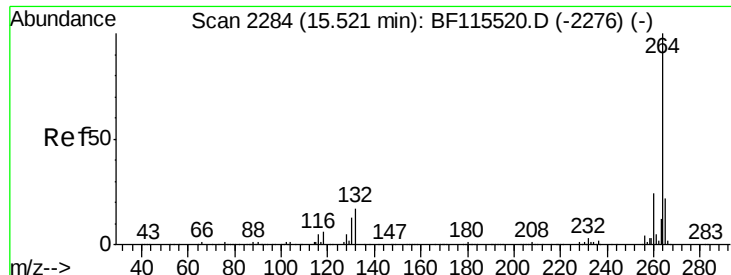


#86
Indeno(1,2,3-cd)pyrene
Concen: 35.723 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.2	30.2
277	25.4	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: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

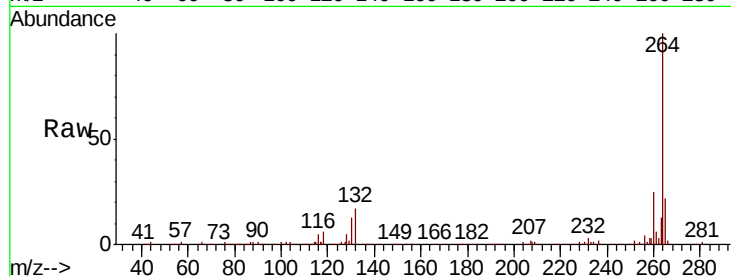
ClientSampleId :

PB121322BS

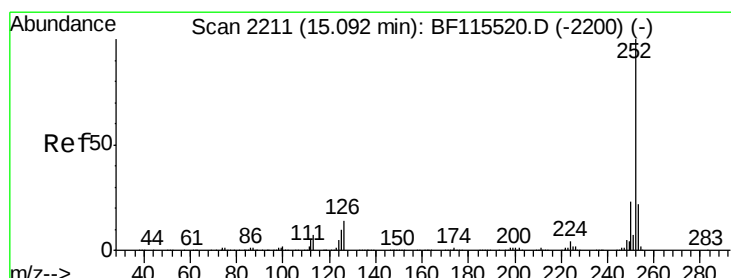
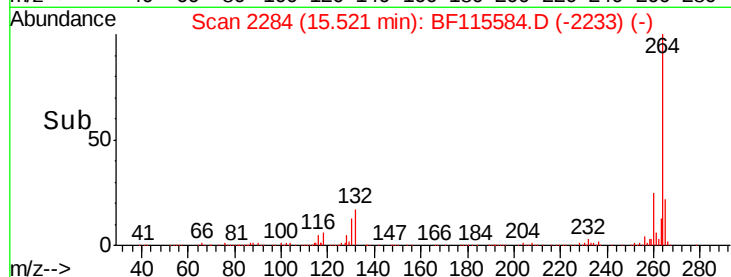
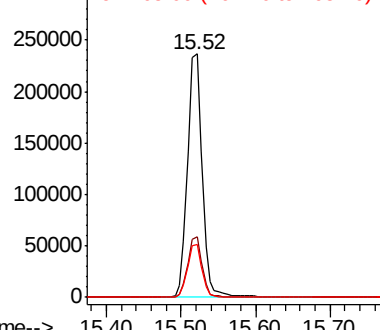
Tot Ion:	264	Resp:	325570
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.8	29.8
265	21.5	17.7	26.5

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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: 46.392 ng

RT: 15.09 min Scan# 2211

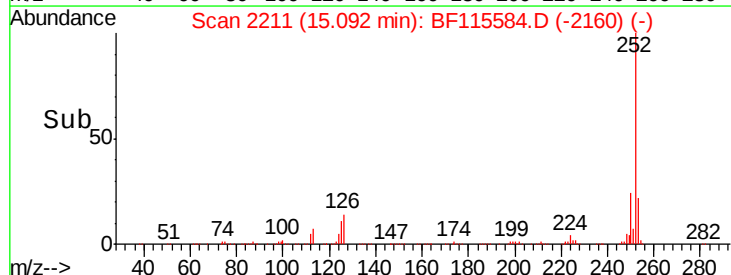
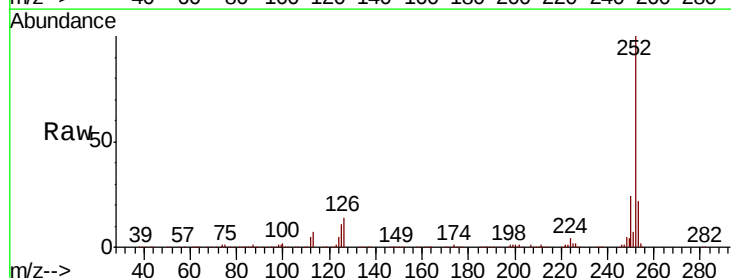
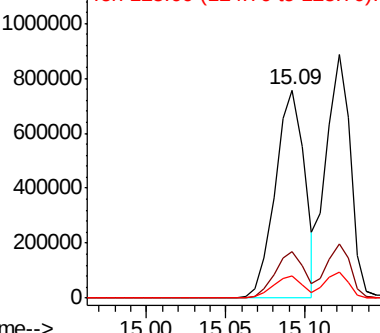
Delta R.T. 0.00 min

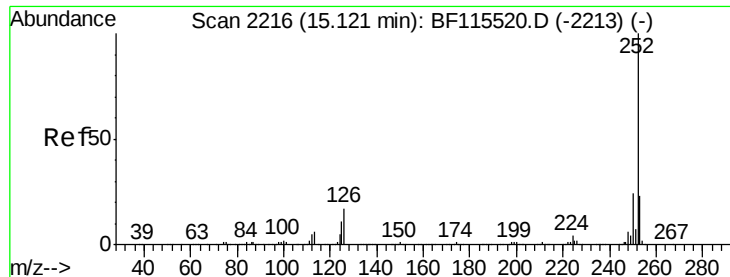
Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Tgt Ion:	252	Resp:	972574
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	10.7	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





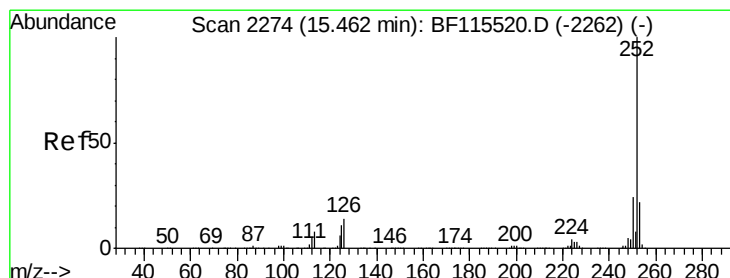
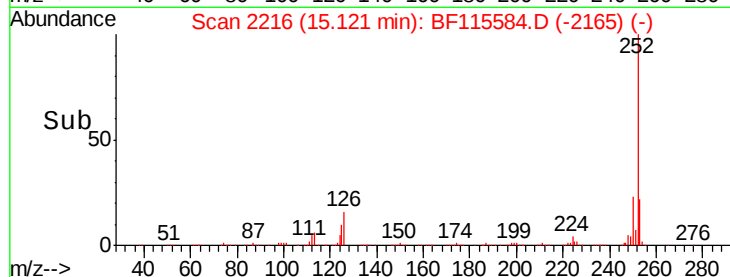
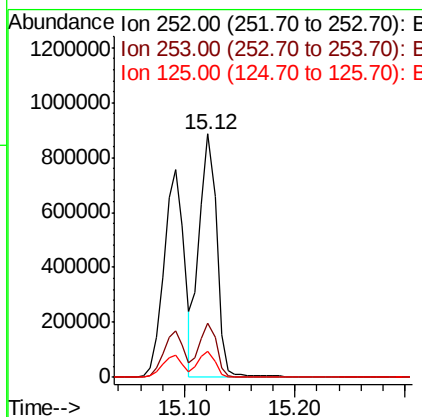
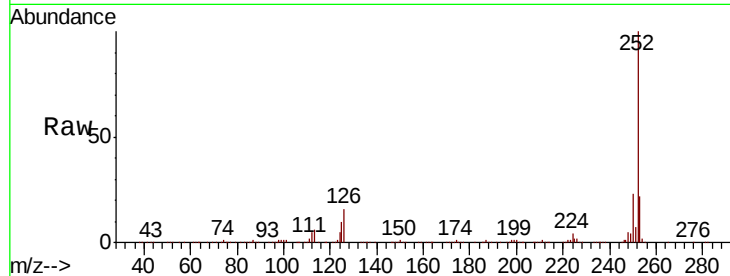
#89
Benzo(k)fluoranthene
Concen: 51.335 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	10.5	9.0	13.6

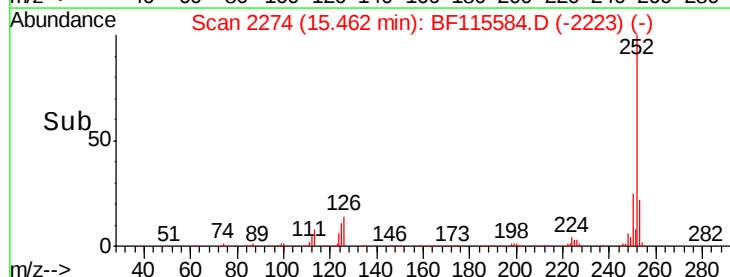
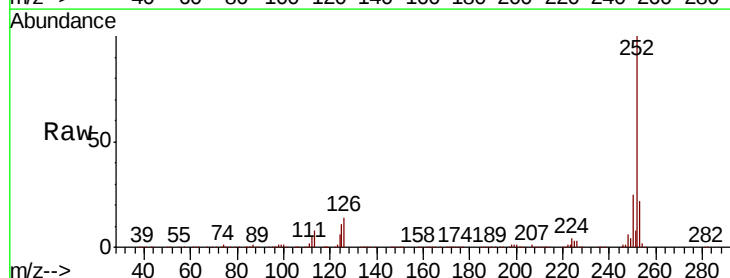
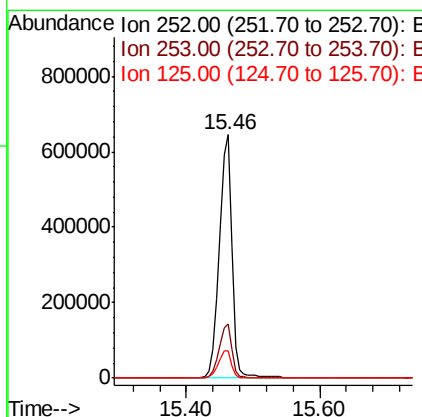
Manual Integrations
APPROVED

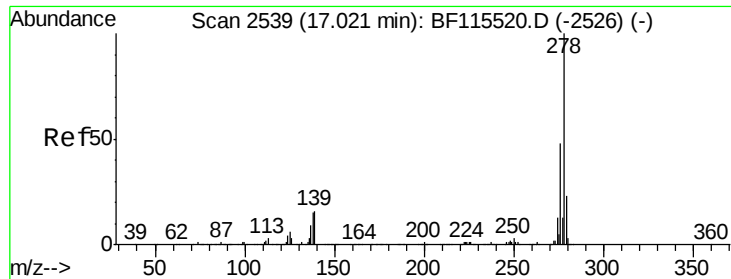
mohammad
7/17/2019 12:05:25 PM



#90
Benzo(a)pyrene
Concen: 48.260 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.0	9.1	13.7





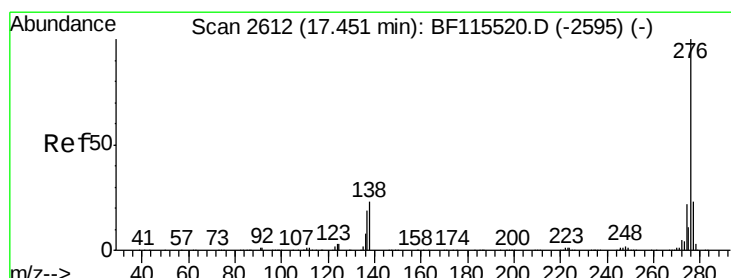
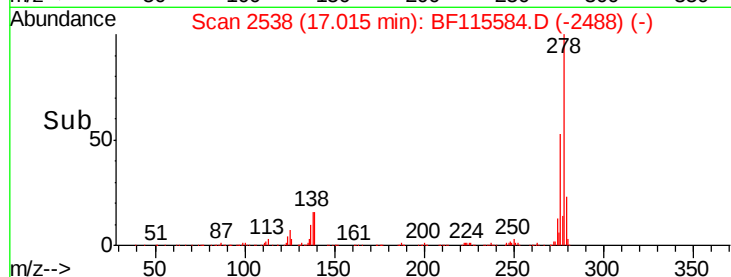
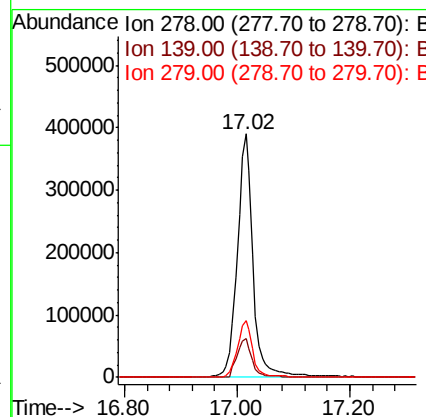
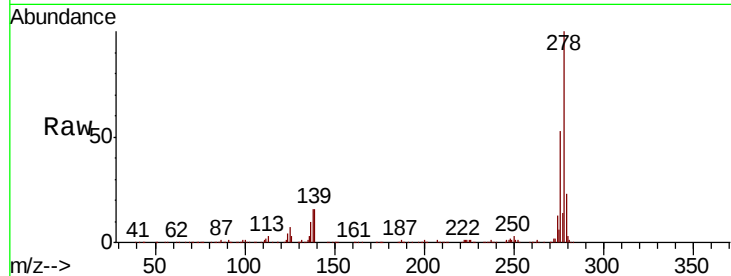
#91
Dibenzo(a,h)anthracene
Concen: 48.577 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :
PB121322BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	23.5	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/17/2019 12:05:25 PM



#92
Benzo(g,h,i)perylene
Concen: 46.613 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	21.6	17.2	25.8

