

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115722.D
 Acq On : 23 Jul 2019 16:36
 Operator : HP/JU
 Sample : PB121645BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BS

Manual Integrations
 APPROVED

mohammad
 7/24/2019 11:34:54 AM

Quant Time: Jul 24 05:29:38 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	6.87	152	175846	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	725250	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	365949	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	693546	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	490108	20.00	ng	-0.01
87) Perylene-d12	15.50	264	344156	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1198932	111.52	ng	0.00
7) Phenol-d6	6.51	99	1562624	114.55	ng	0.00
23) Nitrobenzene-d5	7.43	82	977987	78.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	461629	108.07	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1738223	83.14	ng	-0.02
79) Terphenyl-d14	12.98	244	1912992	72.02	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.75	88	199342	37.173 ng	97
3) Pyridine	3.49	79	438825	30.162 ng	98
4) n-Nitrosodimethylamine	3.43	42	211626	40.095 ng	91
6) Aniline	6.53	93	473772	24.957 ng	98
8) 2-Chlorophenol	6.66	128	487044	39.405 ng	99
9) Benzaldehyde	6.42	77	176723	20.731 ng	97
10) Phenol	6.52	94	607426	38.359 ng	88
11) bis(2-Chloroethyl)ether	6.61	93	468144	38.830 ng	99
12) 1,3-Dichlorobenzene	6.82	146	506656	36.459 ng	99
13) 1,4-Dichlorobenzene	6.89	146	515198	37.157 ng	96
14) 1,2-Dichlorobenzene	7.05	146	477110	37.642 ng	97
15) Benzyl Alcohol	7.02	79	407918	37.696 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	629062	39.632 ng	100
17) 2-Methylphenol	7.13	107	434253	40.768 ng	98
18) Hexachloroethane	7.39	117	187945	36.520 ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	336780	37.855 ng	97
20) 3+4-Methylphenols	7.28	107	496326	39.228 ng	90
22) Acetophenone	7.28	105	667556	40.743 ng	# 99
24) Nitrobenzene	7.45	77	537921	39.985 ng	95
25) Isophorone	7.69	82	990657	39.693 ng	98
26) 2-Nitrophenol	7.77	139	276548	39.938 ng	97
27) 2,4-Dimethylphenol	7.81	122	449572	43.392 ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	607345	39.666 ng	98
29) 2,4-Dichlorophenol	8.02	162	431744	40.069 ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	461612	37.900 ng	97
31) Naphthalene	8.18	128	1418523	40.386 ng	97
32) Benzoic acid	7.94	122	314885	37.034 ng	99
33) 4-Chloroaniline	8.22	127	389555	25.039 ng	99
34) Hexachlorobutadiene	8.30	225	260490	37.295 ng	99
35) Caprolactam	8.59	113	133868m	40.205 ng	
36) 4-Chloro-3-methylphenol	8.71	107	448079	40.089 ng	98
37) 2-Methylnaphthalene	8.87	142	958006	41.147 ng	97
38) 1-Methylnaphthalene	8.97	142	896692	40.547 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	439601	39.891 ng	98

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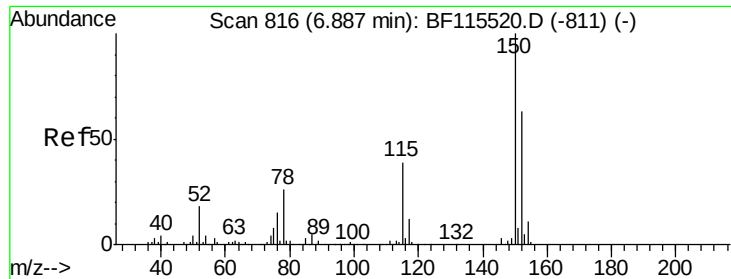
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 7/24/2019 11:34:54 AM

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 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	9.03	237	291585	46.385	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	298970	37.098	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	320421	38.824	nq	98
46) 1,1'-Biphenyl	9.33	154	1155510	40.389	nq	98
47) 2-Chloronaphthalene	9.36	162	912872	38.321	nq	97
48) 2-Nitroaniline	9.45	65	282276	38.284	nq	99
49) Acenaphthylene	9.77	152	1370350	38.822	nq	98
50) Dimethylphthalate	9.63	163	1063147	38.614	nq	99
51) 2,6-Dinitrotoluene	9.69	165	242301	38.725	nq	97
52) Acenaphthene	9.95	154	834584	36.622	nq	99
53) 3-Nitroaniline	9.86	138	192625	26.940	nq	95
54) 2,4-Dinitrophenol	9.97	184	247713	77.110	nq	99
55) Dibenzofuran	10.12	168	1239570	38.302	nq	98
56) 4-Nitrophenol	10.03	139	394754	72.399	nq	95
57) 2,4-Dinitrotoluene	10.10	165	324959	40.087	nq	98
58) Fluorene	10.46	166	927398	40.085	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	283144	41.040	nq	98
60) Diethylphthalate	10.33	149	1017017	39.424	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	478687	37.310	nq	98
62) 4-Nitroaniline	10.47	138	246989	36.011	nq	93
63) Azobenzene	10.61	77	1039090	41.527	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	161387	38.087	nq	93
66) n-Nitrosodiphenylamine	10.57	169	856286	39.691	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	301153	37.998	nq	99
68) Hexachlorobenzene	11.02	284	337577	37.297	nq	95
69) Atrazine	11.09	200	227269	32.112	nq	98
70) Pentachlorophenol	11.21	266	381097	68.842	nq	98
71) Phenanthrene	11.42	178	1389388	39.082	nq	99
72) Anthracene	11.47	178	1414934	38.512	nq	100
73) Carbazole	11.63	167	1276984	39.635	nq	99
74) Di-n-butylphthalate	11.96	149	1576515	39.725	nq	100
75) Fluoranthene	12.61	202	1481078	39.424	nq	98
77) Benzidine	12.72	184	269705	15.534	nq	100
78) Pyrene	12.84	202	1509200	36.345	nq	99
80) Butylbenzylphthalate	13.45	149	687035	38.812	nq	99
81) Benzo(a)anthracene	14.03	228	1260794	39.048	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	385190	33.558	nq	97
83) Chrysene	14.06	228	1240110	38.259	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	955814	43.592	nq	98
85) Di-n-octyl phthalate	14.62	149	1513464	43.382	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1044114	37.916	nq	99
88) Benzo(b)fluoranthene	15.07	252	1201376	54.212	nq	100
89) Benzo(k)fluoranthene	15.11	252	1026514	51.955	nq	98
90) Benzo(a)pyrene	15.44	252	1011208	53.090	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	887153	53.055	nq	99
92) Benzo(g,h,i)perylene	17.43	276	879056	52.712	nq	100

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



#1

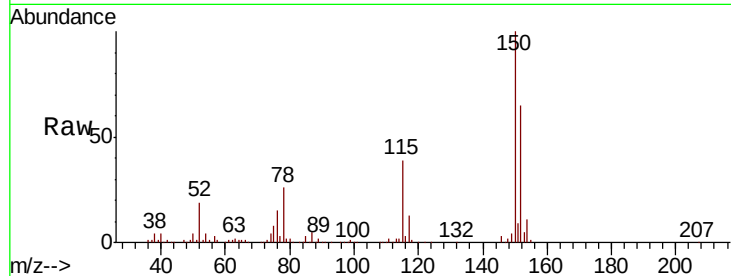
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	129.7	194.5
115	61.1	48.2	72.4

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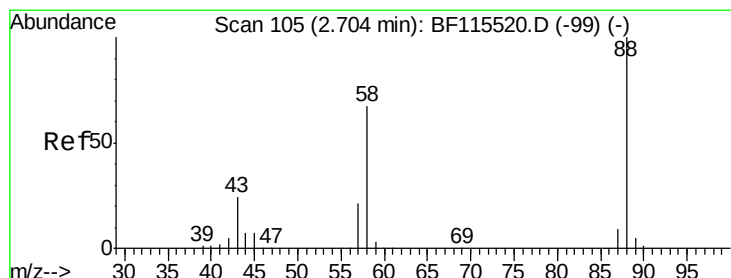
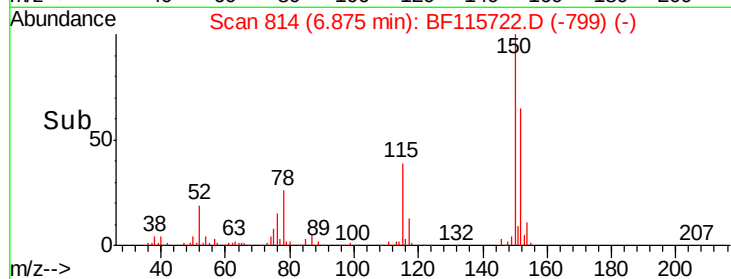
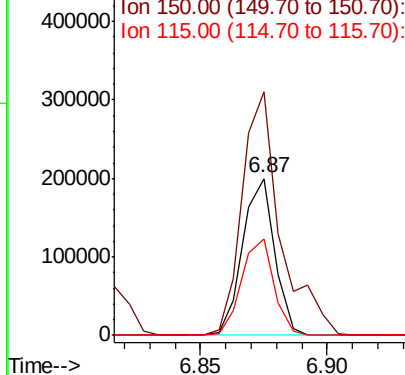


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

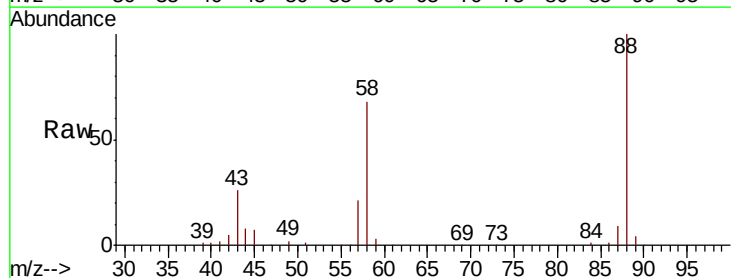
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.173 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.04 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	52.6	79.0
43	26.1	19.1	28.7

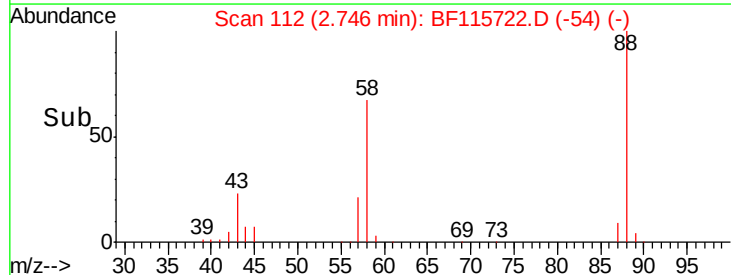
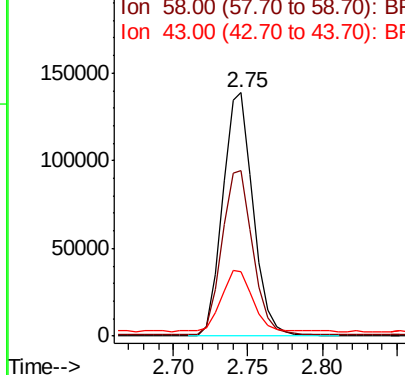


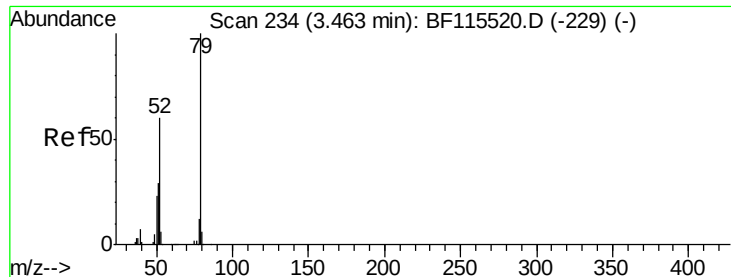
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.162 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.03 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

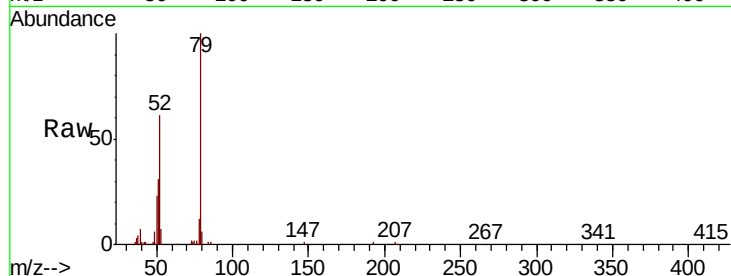
ClientSampleId :

PB121645BS

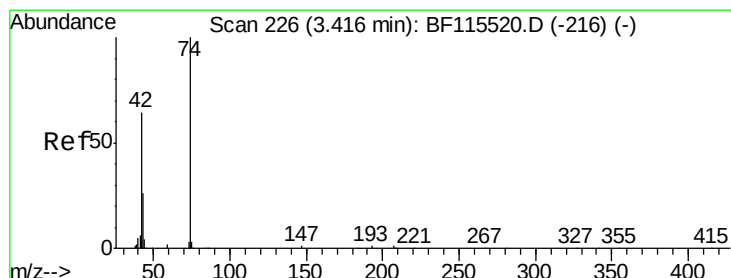
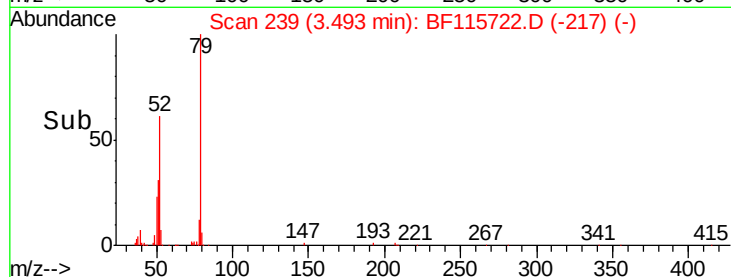
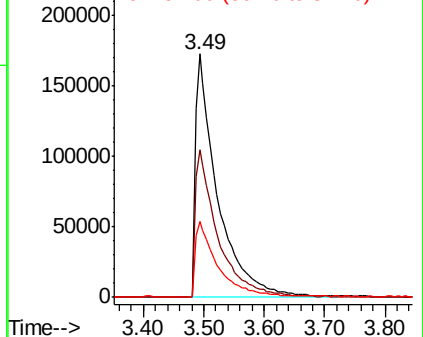
Tot Ion:	79	Resp:	438825
Ion Ratio	Lower	Upper	
79	100		
52	60.7	47.8	71.6
51	31.1	23.8	35.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.095 ng

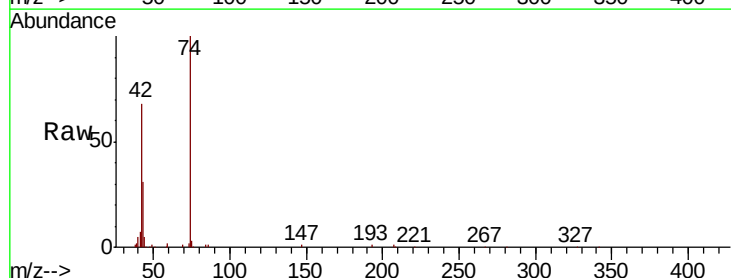
RT: 3.43 min Scan# 229

Delta R.T. 0.02 min

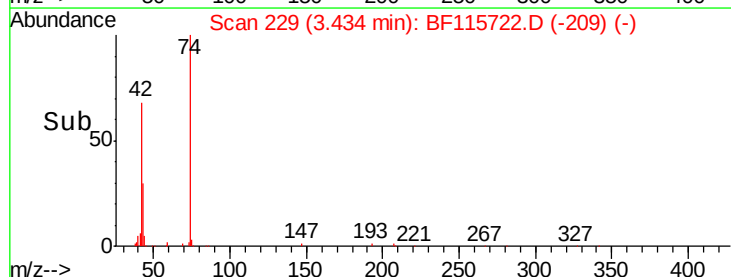
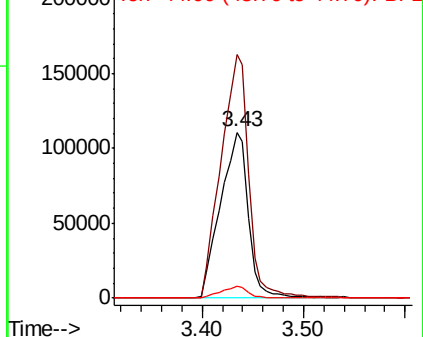
Lab File: BF115722.D

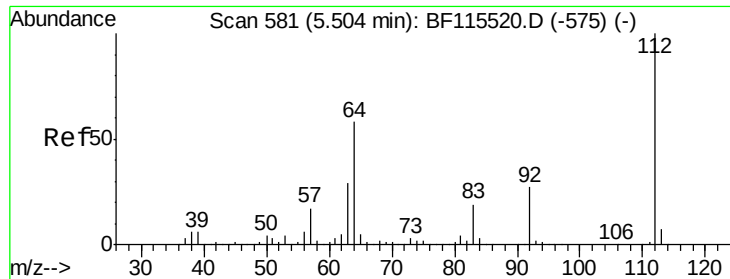
Acq: 23 Jul 2019 16:36

Tgt Ion:	42	Resp:	211626
Ion Ratio	Lower	Upper	
42	100		
74	146.9	127.5	191.3
44	6.8	5.0	7.6



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.524 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

ClientSampleId :

PB121645BS

Tot Ion:112 Resp: 1198932

Ion Ratio Lower Upper

112 100

64 55.4 46.8 70.2

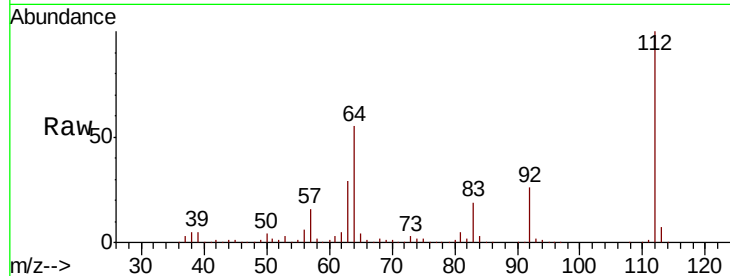
63 28.7 24.1 36.1

Manual Integrations

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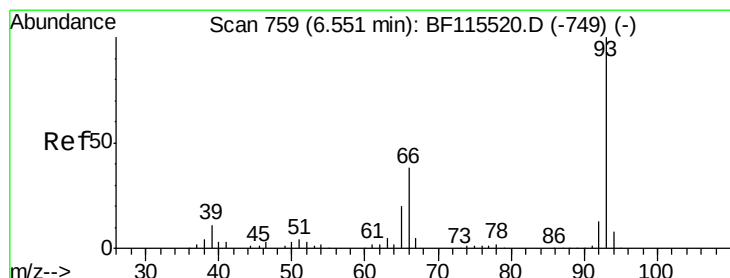
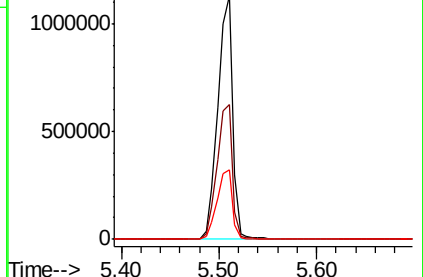
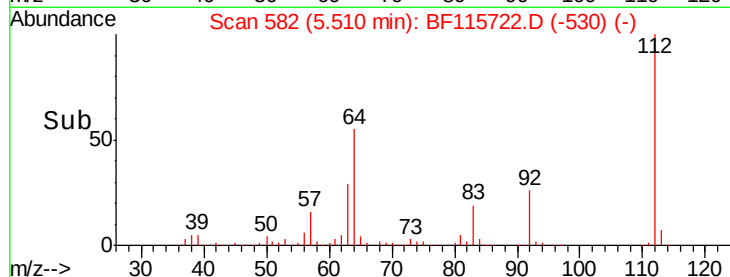
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Abundance Ion 112.00 (111.70 to 112.70): BF115722.D (-530) (-)

Ion 64.00 (63.70 to 64.70): BF115722.D (-530) (-)

Ion 63.00 (62.70 to 63.70): BF115722.D (-530) (-)



#6

Aniline

Concen: 24.957 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

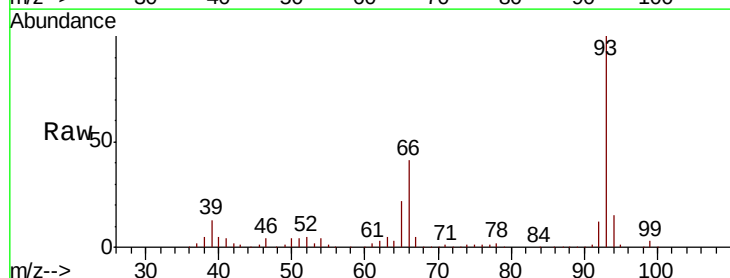
Tgt Ion: 93 Resp: 473772

Ion Ratio Lower Upper

93 100

66 40.8 31.7 47.5

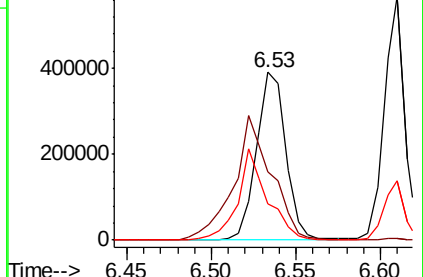
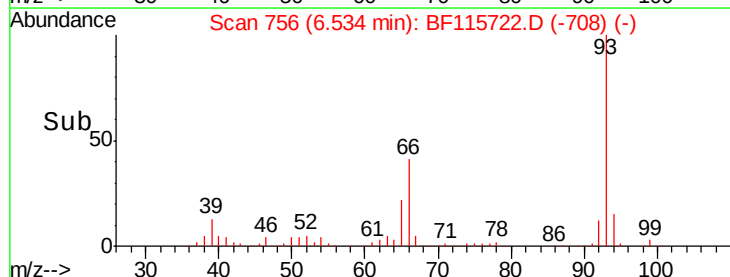
65 21.8 16.2 24.2

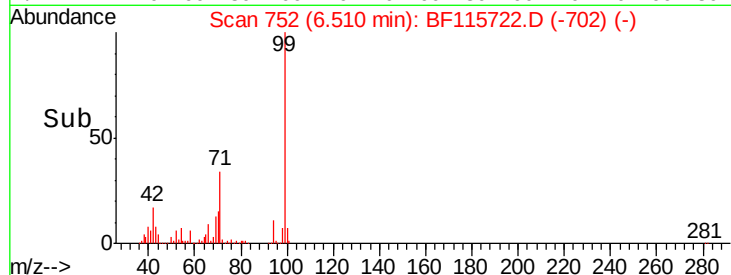
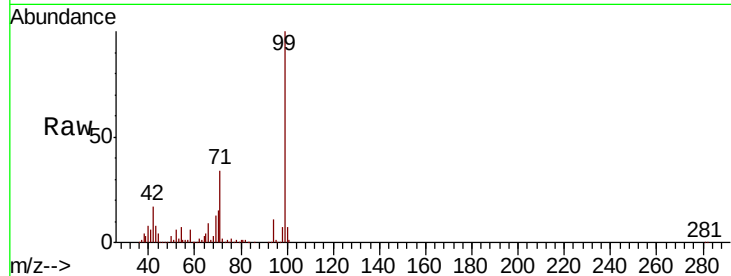
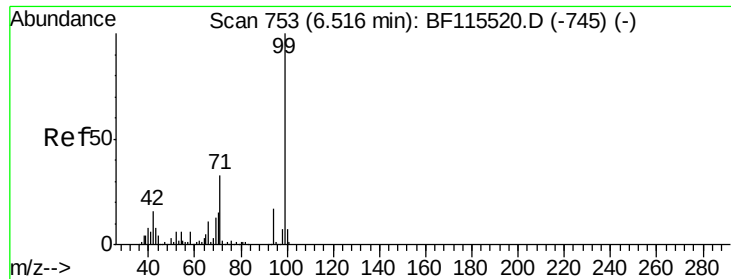


Abundance Ion 93.00 (92.70 to 93.70): BF115722.D (-708) (-)

Ion 66.00 (65.70 to 66.70): BF115722.D (-708) (-)

Ion 65.00 (64.70 to 65.70): BF115722.D (-708) (-)





#7

Phenol-d6

Concen: 114.553 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Tot Ion:	99	Resp:	1562624
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	34.2	28.5	42.7

Instrument :

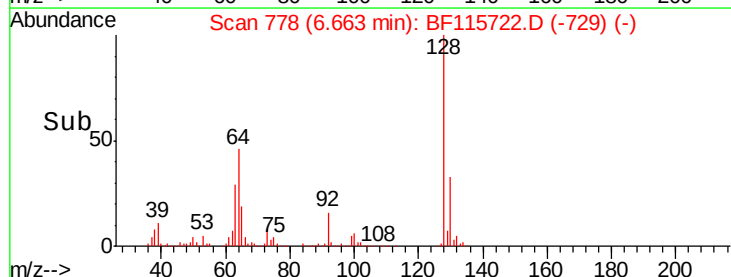
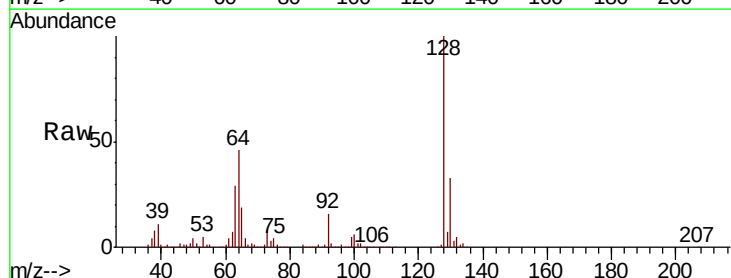
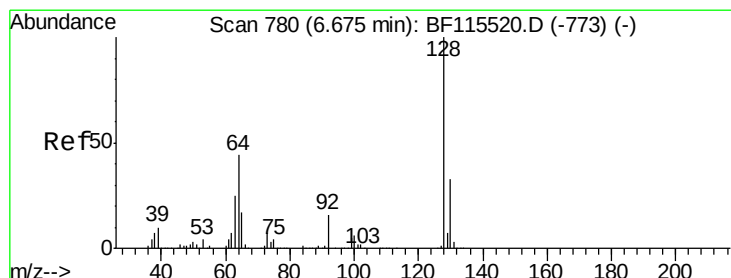
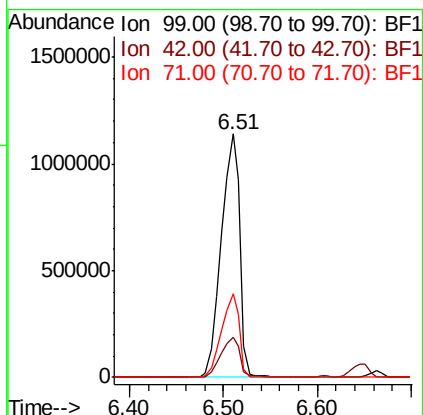
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#8

2-Chlorophenol

Concen: 39.405 ng

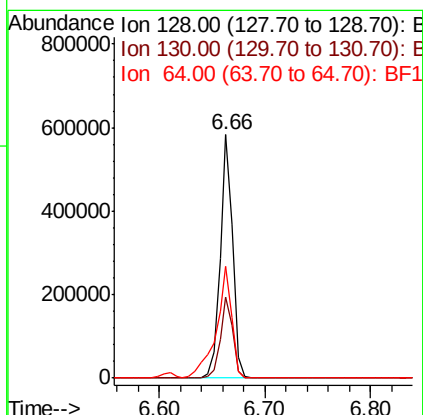
RT: 6.66 min Scan# 778

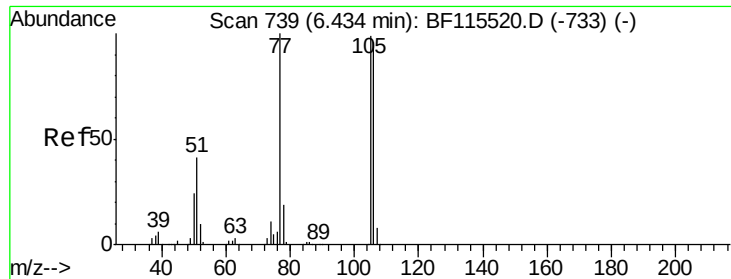
Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Tgt Ion:	128	Resp:	487044
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.8	52.8
64	46.0	26.8	66.8





#9

Benzaldehyde

Concen: 20.731 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

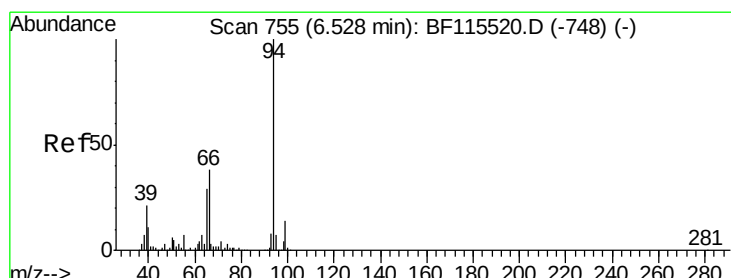
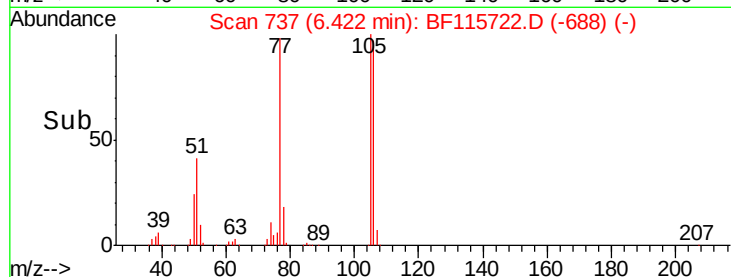
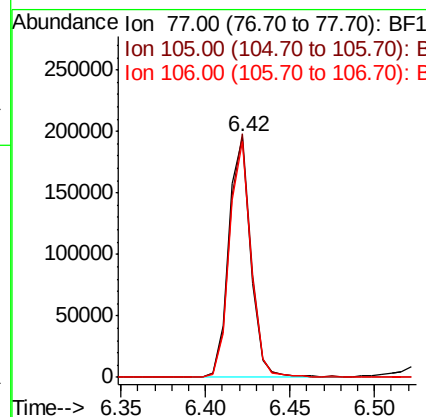
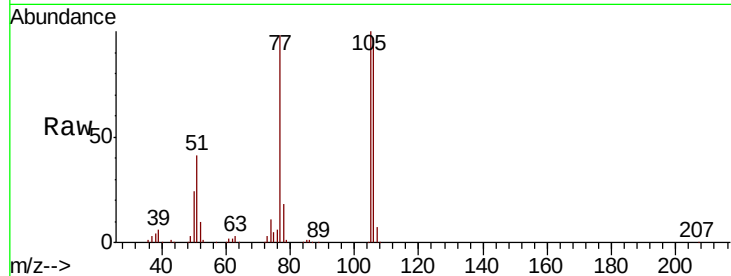
ClientSampleId :

PB121645BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.5	78.8	118.8		
106	98.6	75.6	115.6		

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#10

Phenol

Concen: 38.359 ng

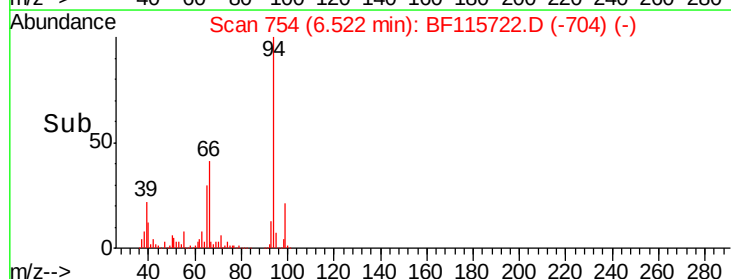
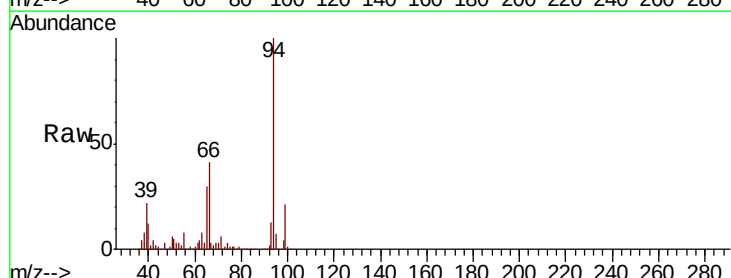
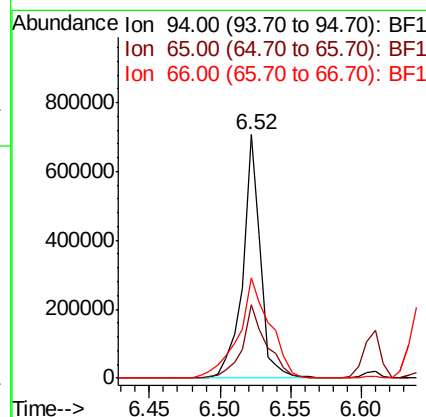
RT: 6.52 min Scan# 754

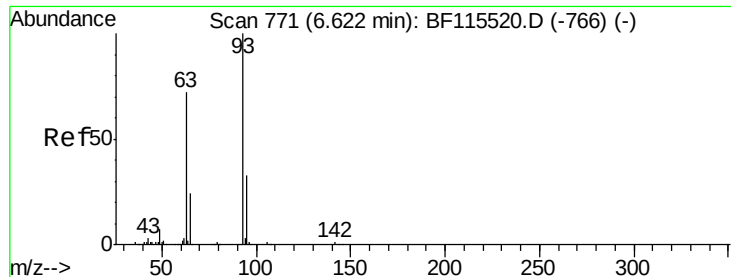
Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.0	14.5	54.5		
66	41.1	31.3	71.3		





#11

bis(2-Chloroethyl)ether

Concen: 38.830 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

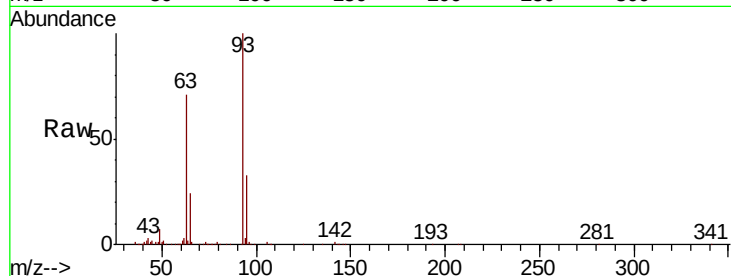
ClientSampleId :

PB121645BS

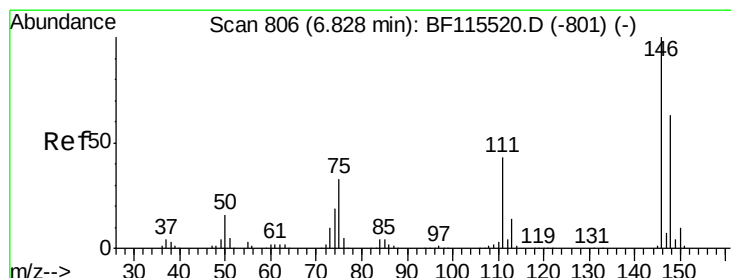
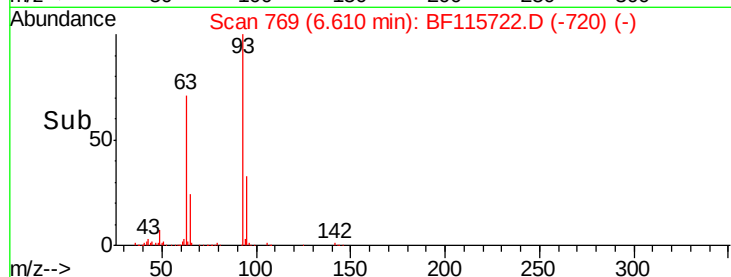
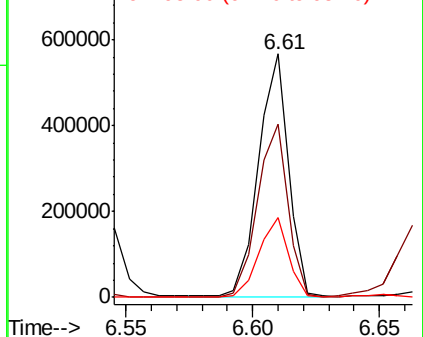
Tot Ion:	93	Resp:	468144
Ion Ratio	Lower	Upper	
93	100		
63	71.0	52.2	92.2
95	32.6	12.9	52.9

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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: 36.459 ng

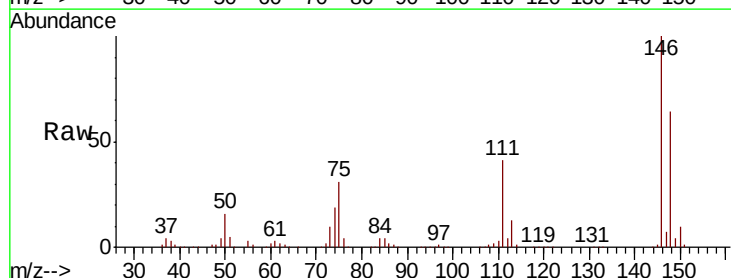
RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

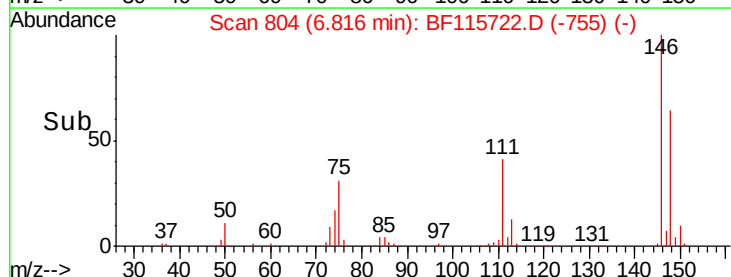
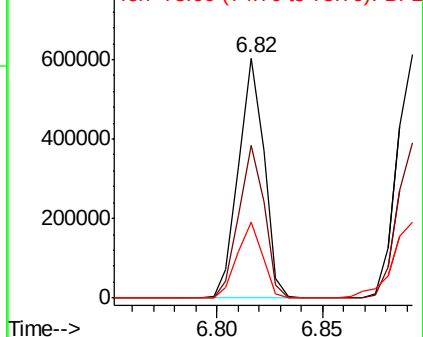
Lab File: BF115722.D

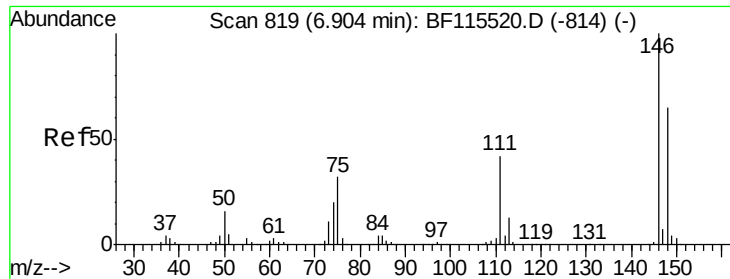
Acq: 23 Jul 2019 16:36

Tgt Ion:	146	Resp:	506656
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.1	78.1
75	31.5	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





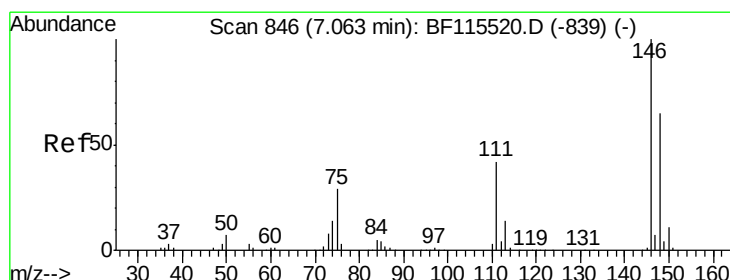
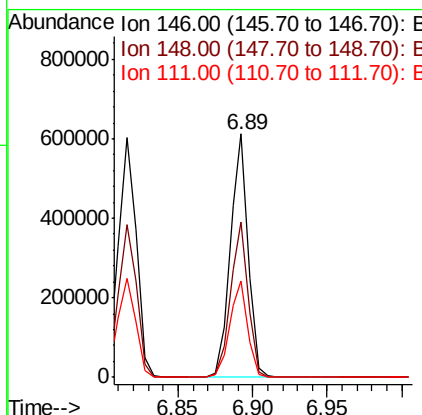
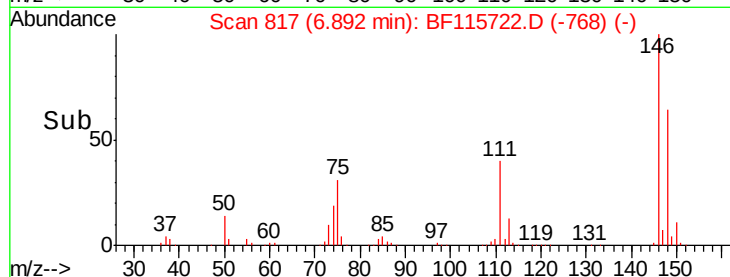
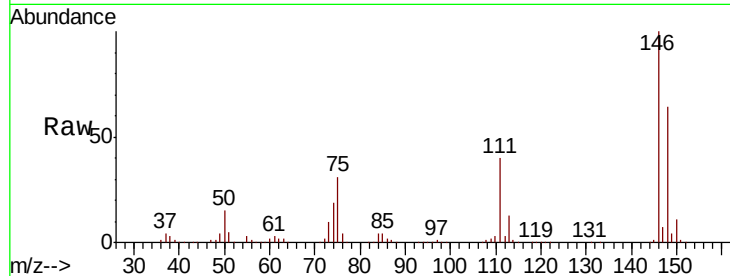
#13
1,4-Dichlorobenzene
Concen: 37.157 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	39.6	35.5	53.3

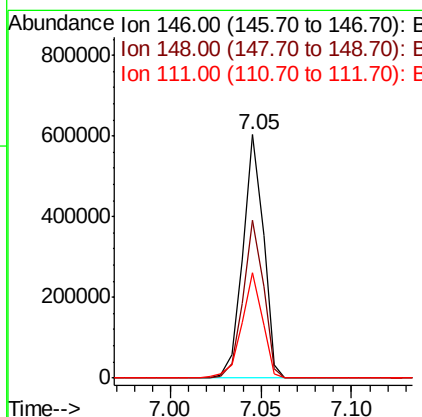
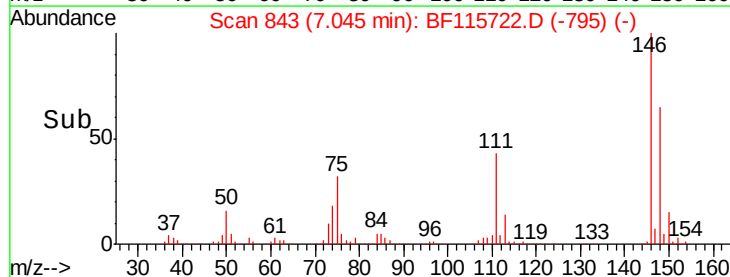
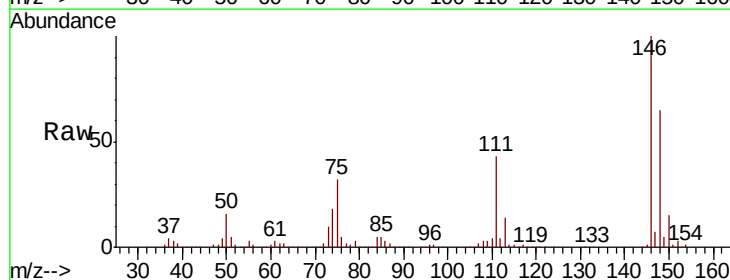
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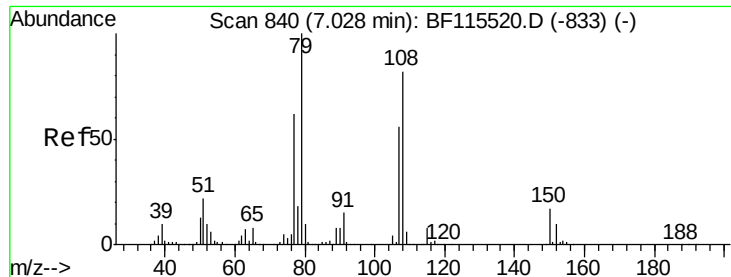
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#14
1,2-Dichlorobenzene
Concen: 37.642 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	43.2	37.6	56.4





#15

Benzyl Alcohol

Concen: 37.696 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

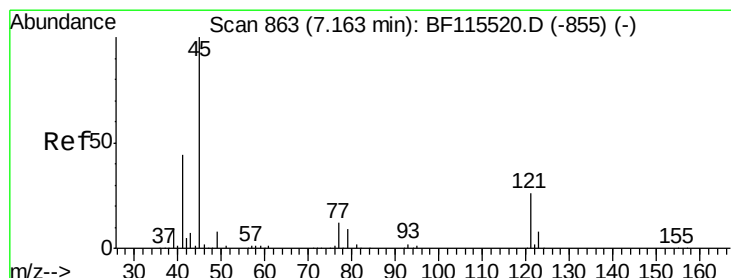
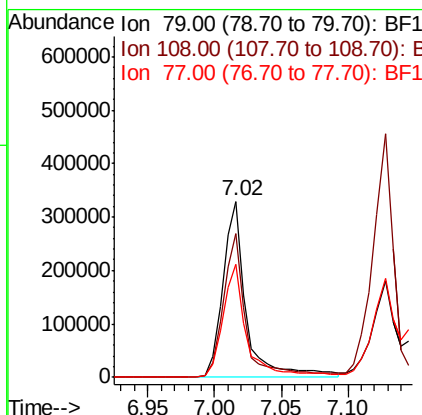
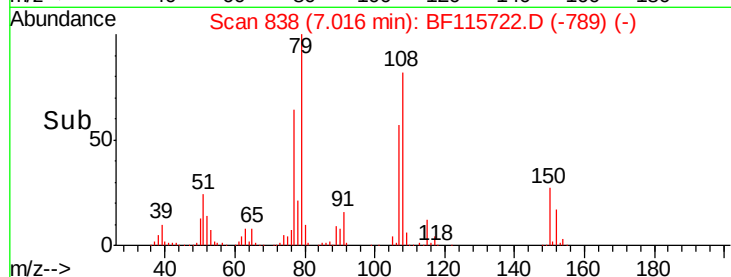
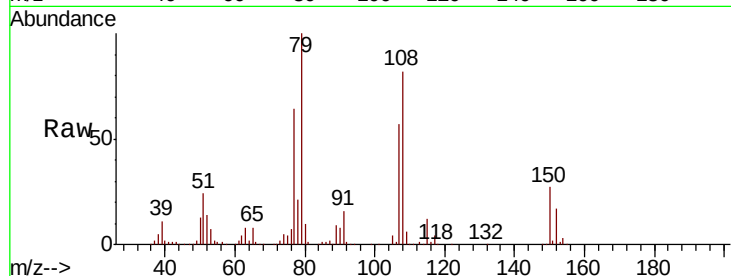
ClientSampleId :

PB121645BS

Tot Ion:	79	Resp:	407918
Ion Ratio	Lower	Upper	
79	100		
108	81.5	64.2	96.4
77	64.4	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.632 ng

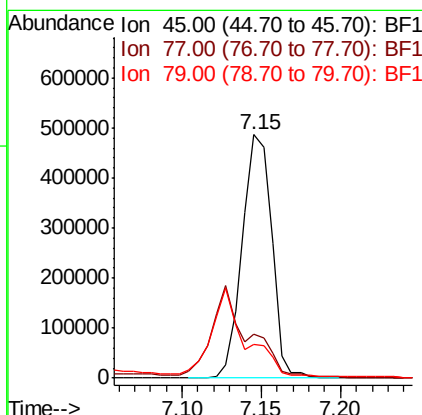
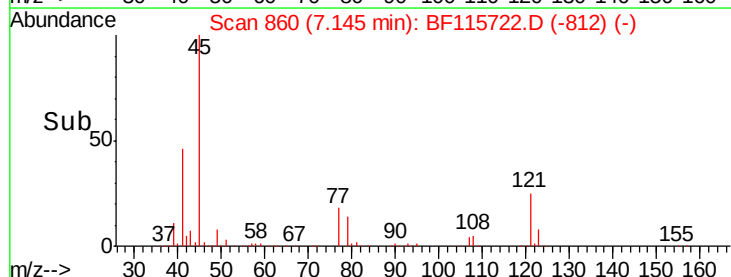
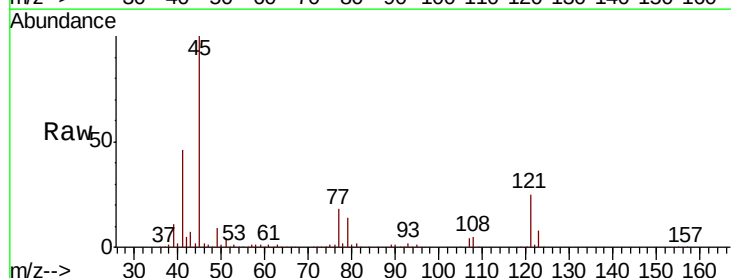
RT: 7.15 min Scan# 860

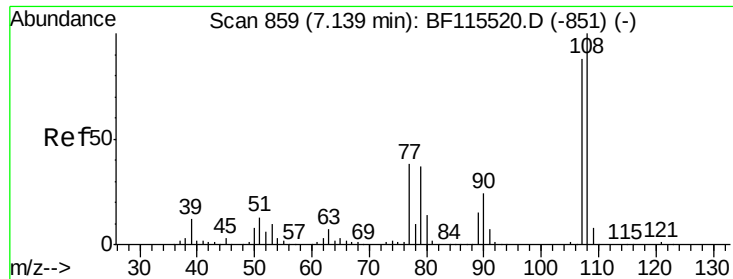
Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Tgt Ion:	45	Resp:	629062
Ion Ratio	Lower	Upper	
45	100		
77	18.2	0.0	38.1
79	14.0	0.0	34.1





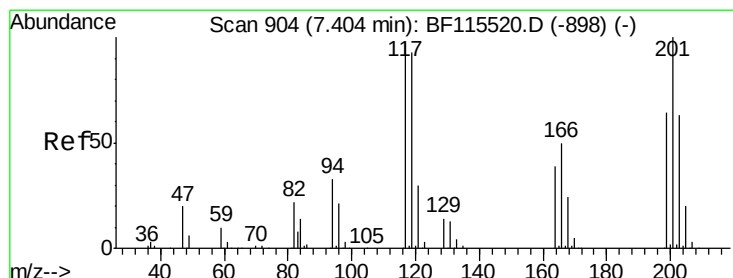
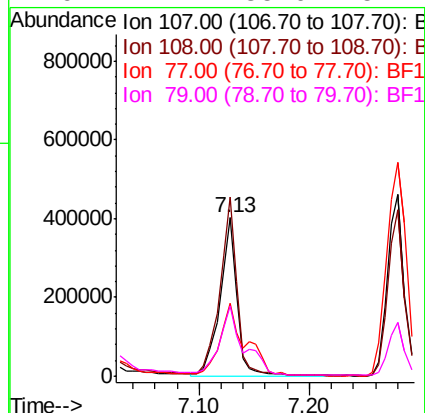
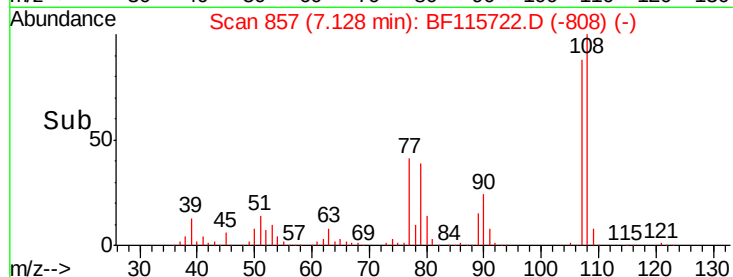
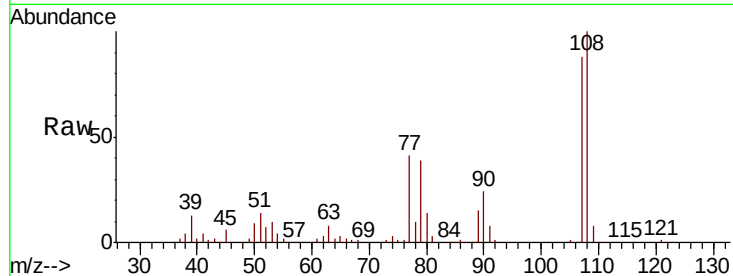
#17
2-Methylphenol
Concen: 40.768 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	89.4	134.2	
77	46.2	35.7	53.5	
79	44.7	35.0	52.4	

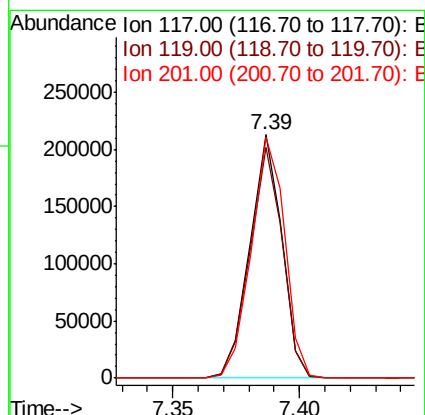
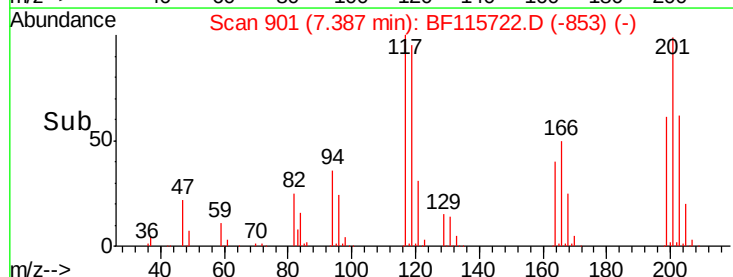
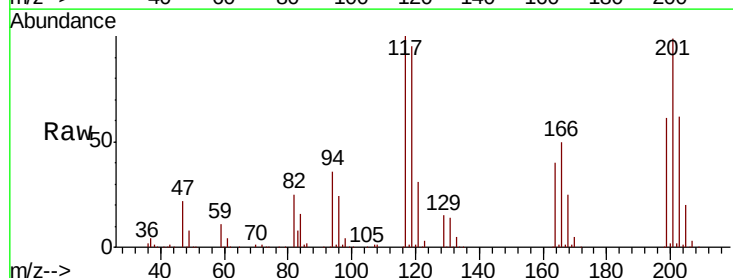
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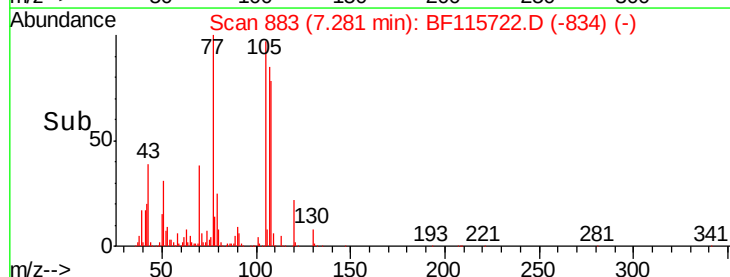
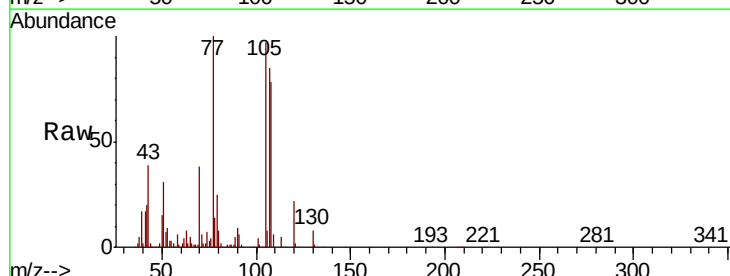
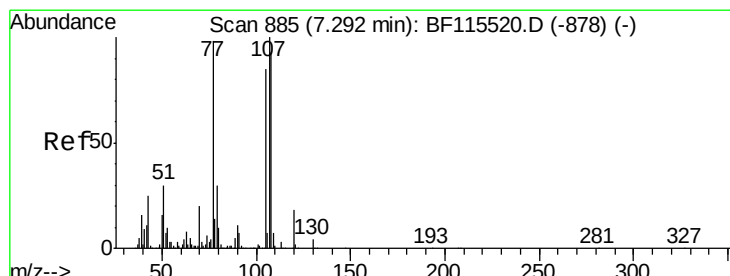
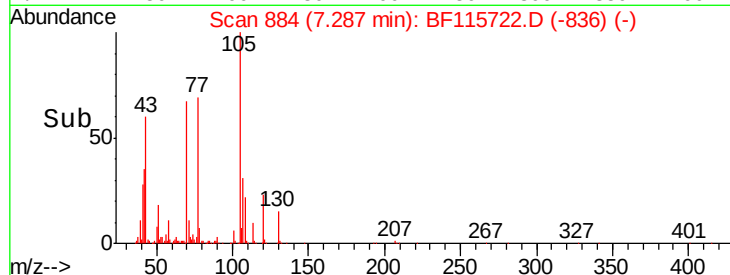
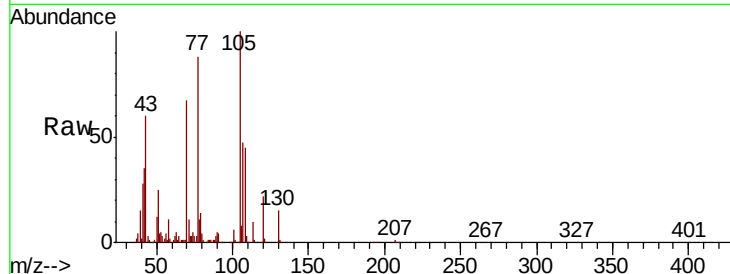
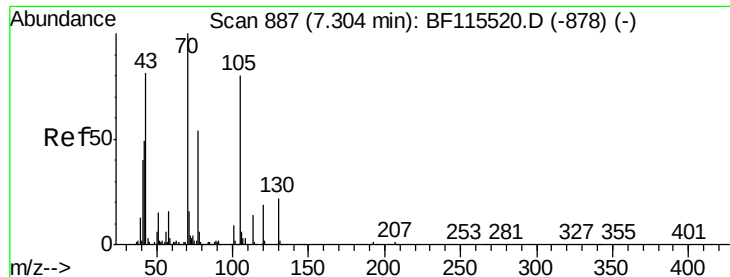
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#18
Hexachloroethane
Concen: 36.520 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	77.7	116.5	
201	99.2	86.0	129.0	





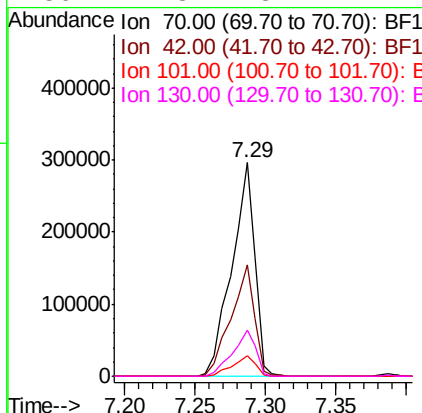
#19
n-Nitroso-di-n-propylamine
Concen: 37.855 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	39.6	59.4	
101	9.6	8.1	12.1	
130	21.8	18.2	27.2	

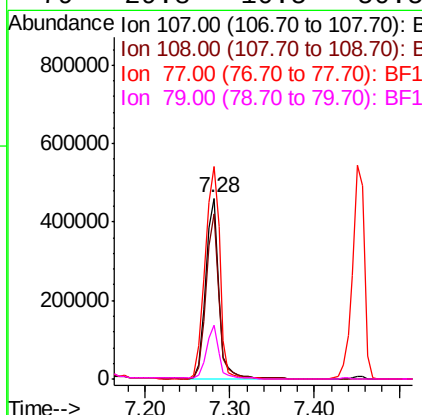
Manual Integrations
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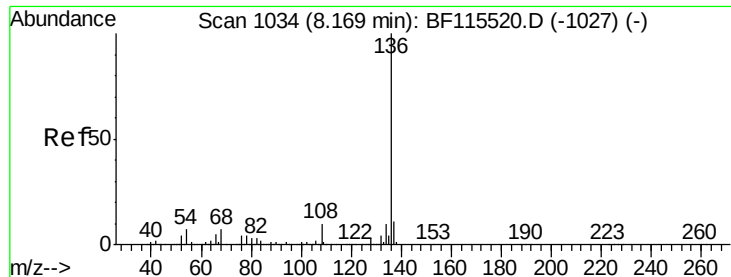
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#20
3+4-Methylphenols
Concen: 39.228 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	72.9	112.9	
77	117.5	77.6	117.6	
79	29.8	10.5	50.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

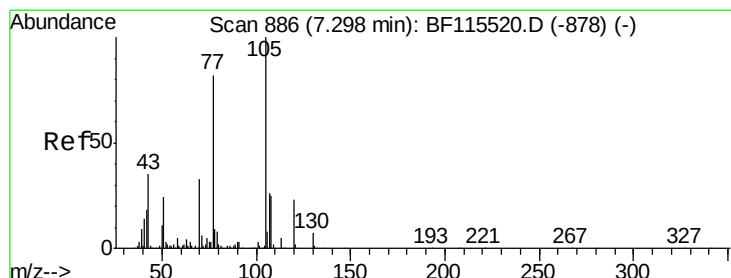
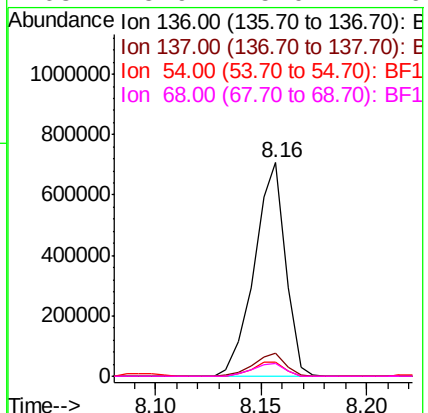
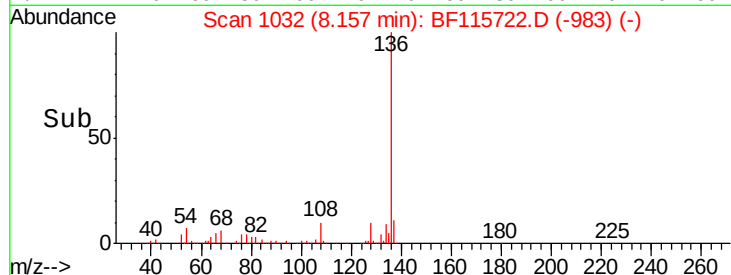
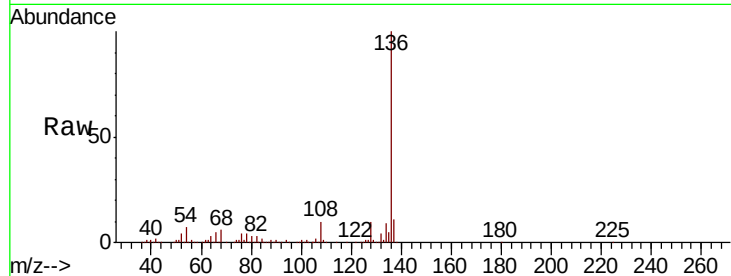
ClientSampleId :

PB121645BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	725250		
137	11.0		9.0	13.4
54	6.9		5.6	8.4
68	5.9		5.0	7.6

Manual Integrations
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#22

Acetophenone

Concen: 40.743 ng

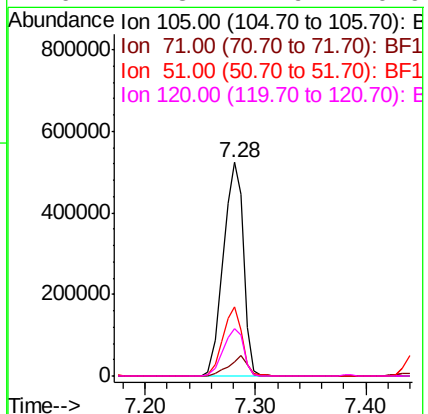
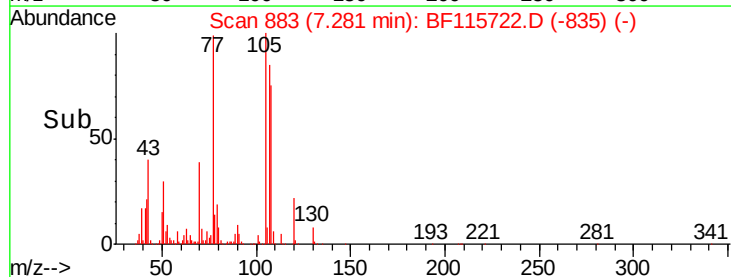
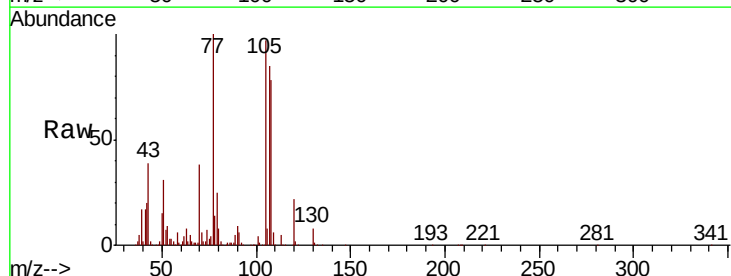
RT: 7.28 min Scan# 883

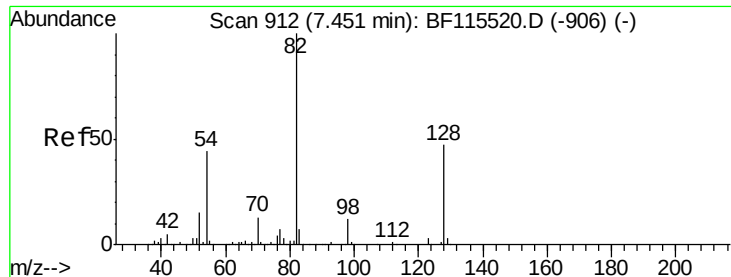
Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	667556		
71	6.6		3.5	5.3#
51	32.3		25.6	38.4
120	22.3		17.9	26.9





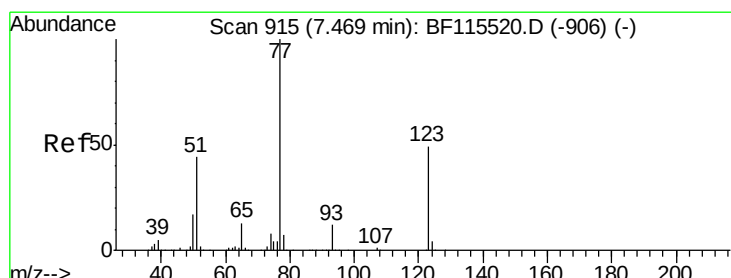
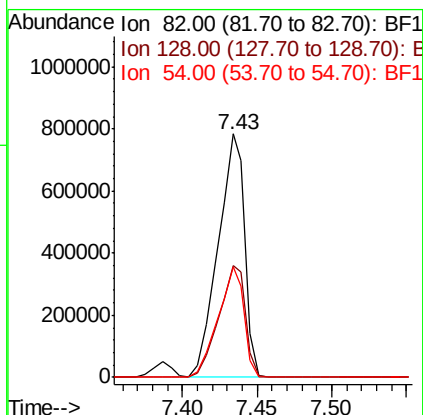
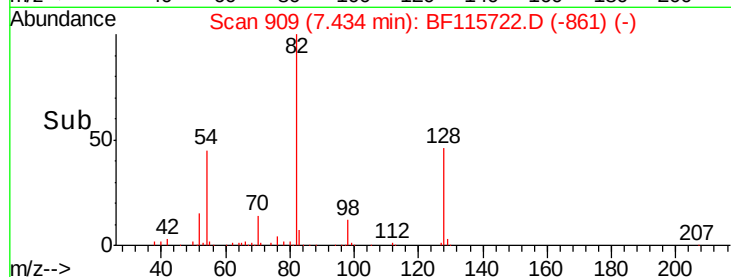
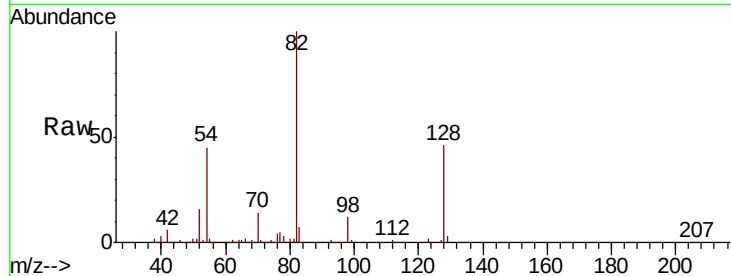
#23
Nitrobenzene-d5
Concen: 78.410 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampled :
PB121645BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	38.6	57.8
54	45.3	35.6	53.4

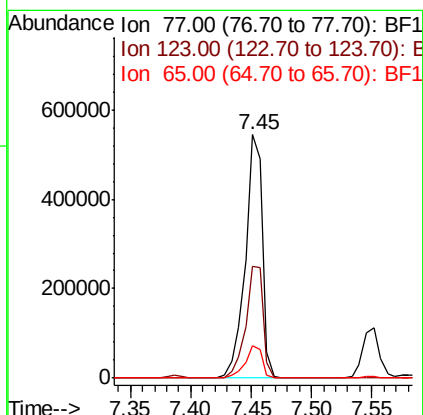
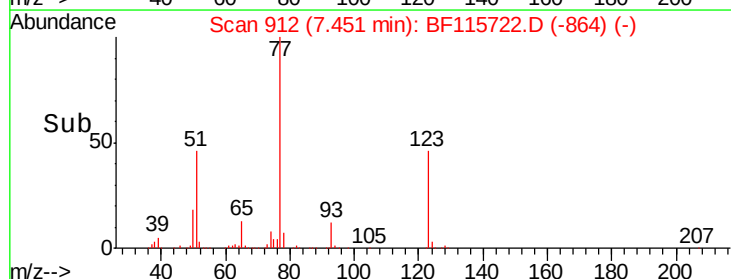
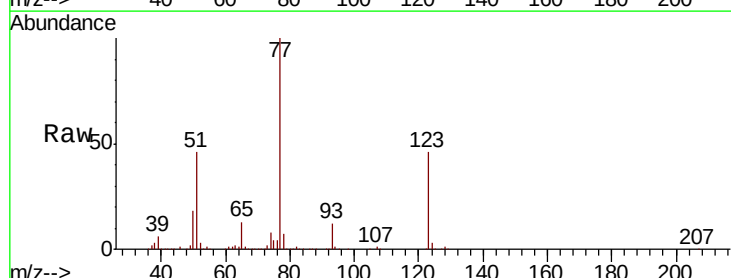
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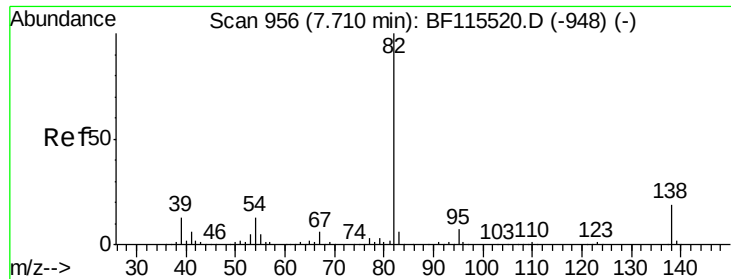
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#24
Nitrobenzene
Concen: 39.985 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	40.0	60.0
65	13.4	11.0	16.4





#25

Isophorone

Concen: 39.693 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

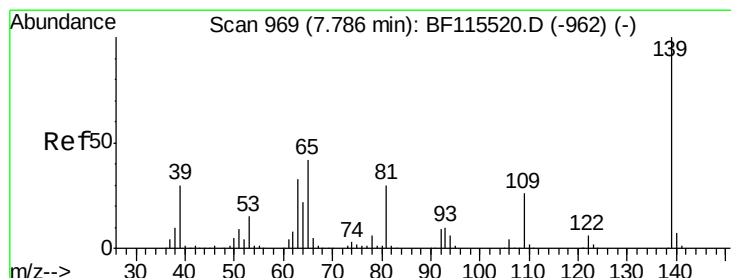
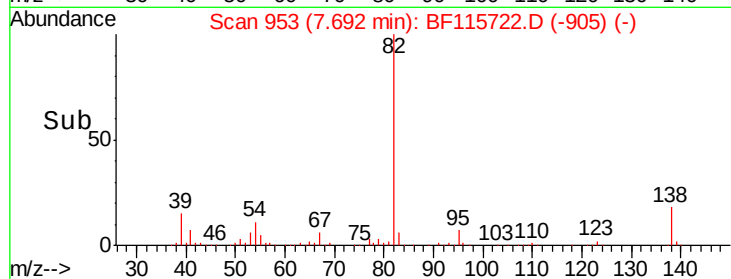
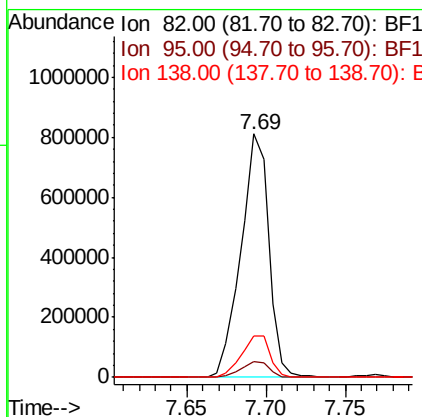
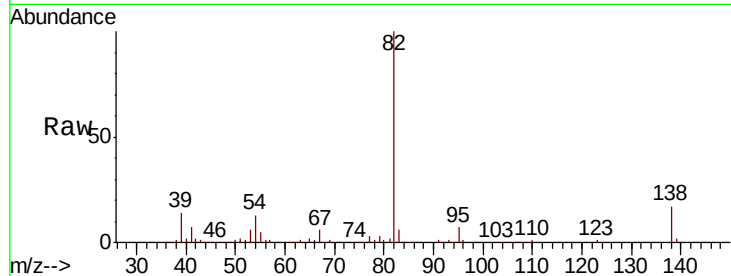
ClientSampleID :

PB121645BS

Tot Ion:	82	Resp:	990657
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	17.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.938 ng

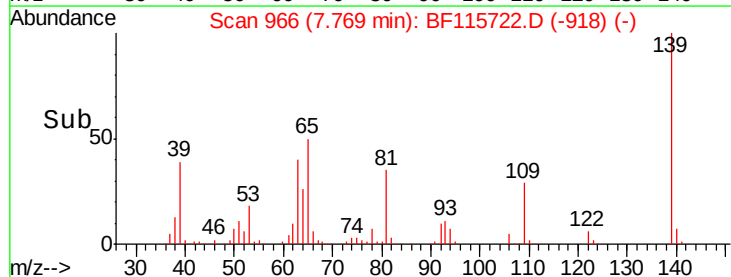
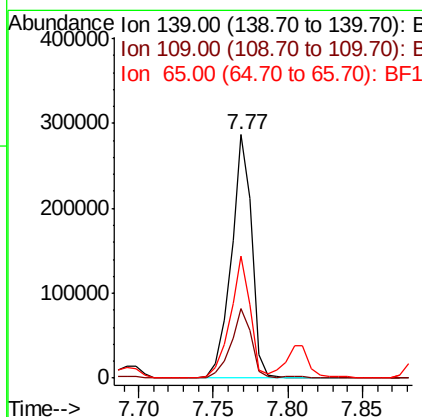
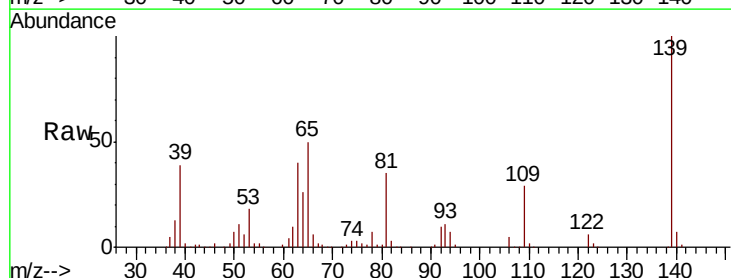
RT: 7.77 min Scan# 966

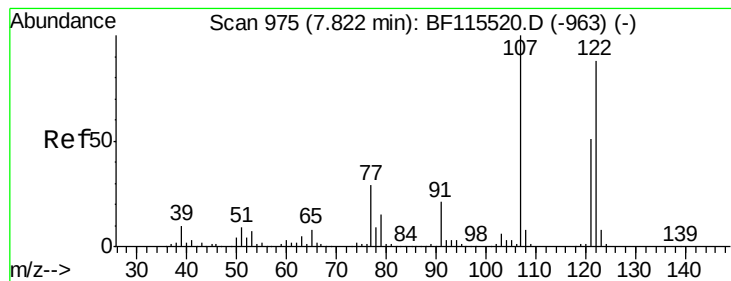
Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Tgt Ion:	139	Resp:	276548
Ion Ratio	Lower	Upper	
139	100		
109	28.8	23.3	34.9
65	50.0	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 43.392 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

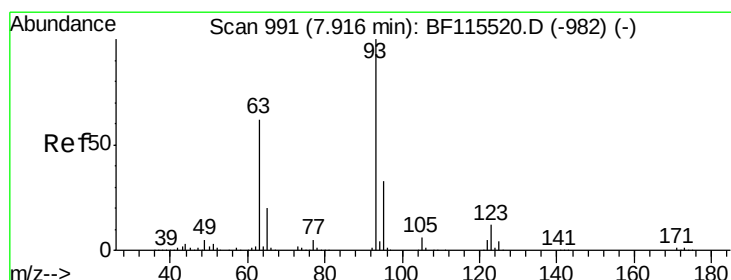
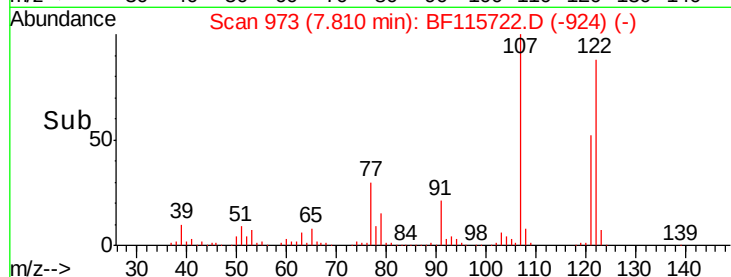
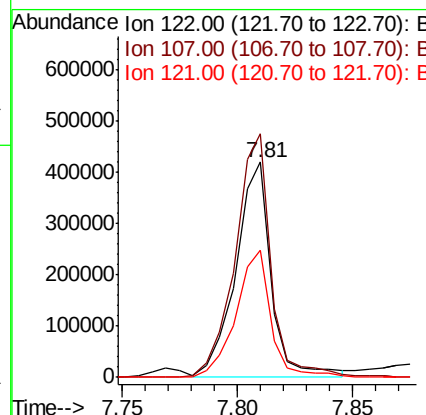
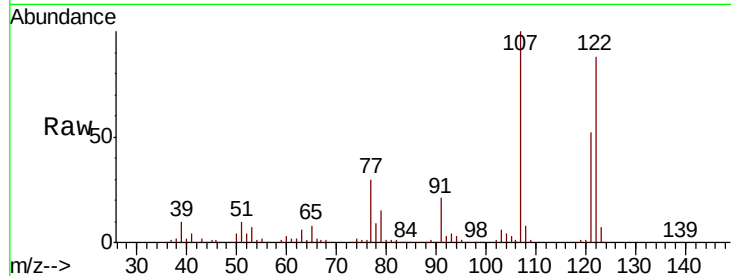
ClientSampleId :

PB121645BS

Tot Ion:	122	Resp:	449572
Ion Ratio	Lower	Upper	
122	100		
107	113.0	92.9	139.3
121	58.9	46.9	70.3

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#28

bis(2-Chloroethoxy)methane

Concen: 39.666 ng

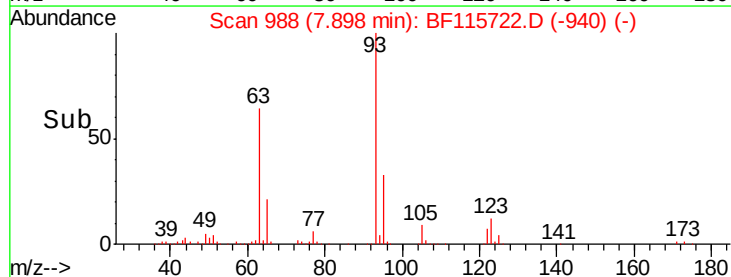
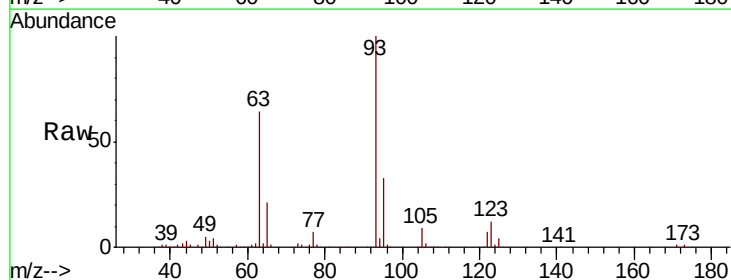
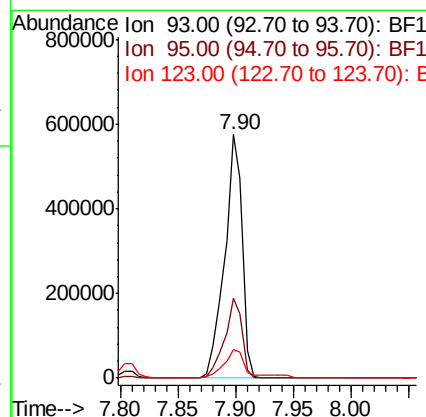
RT: 7.90 min Scan# 988

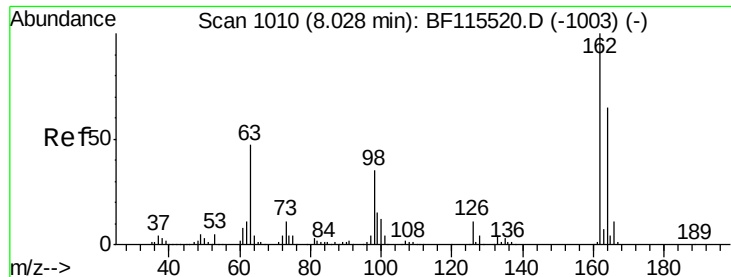
Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Tgt Ion:	93	Resp:	607345
Ion Ratio	Lower	Upper	
93	100		
95	32.8	27.0	40.4
123	11.8	9.9	14.9





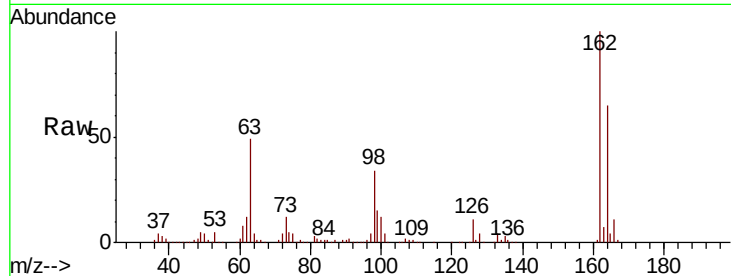
#29
2,4-Dichlorophenol
Concen: 40.069 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

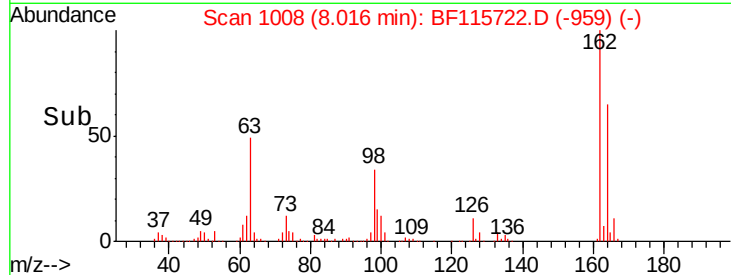
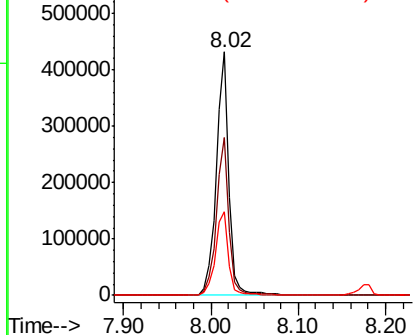
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		431744		
164	64.8	44.9	84.9		
98	34.3	17.7	57.7		

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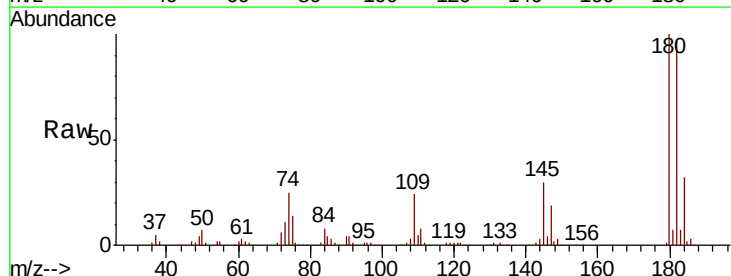
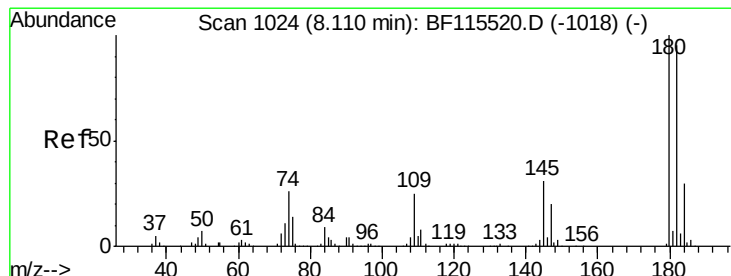
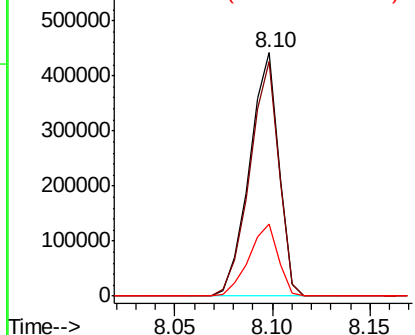
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

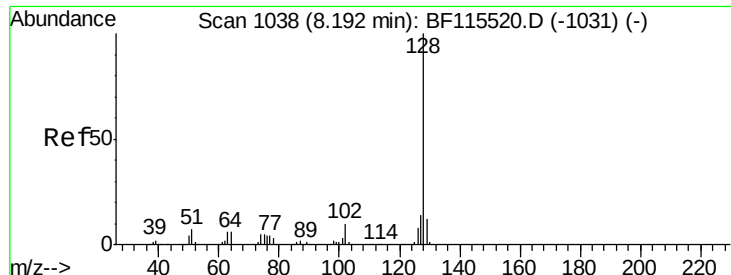


#30
1,2,4-Trichlorobenzene
Concen: 37.900 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		461612		
182	96.6	75.0	112.6		
145	29.6	25.1	37.7		

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





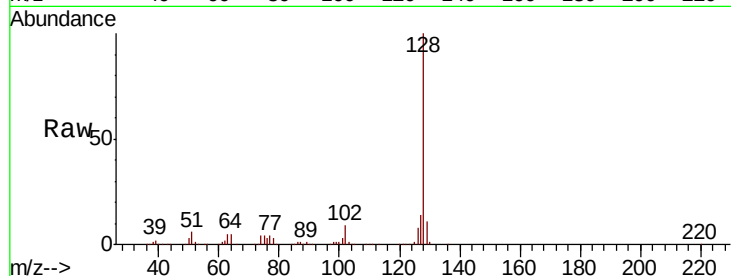
#31
Naphthalene
Concen: 40.386 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

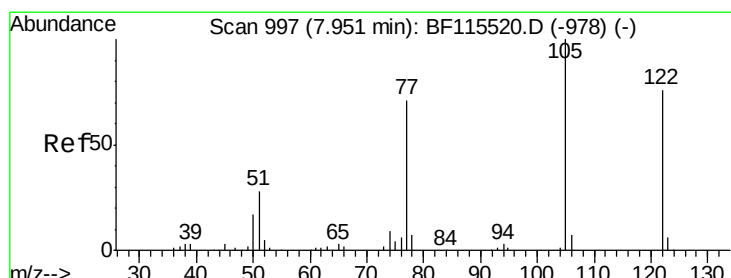
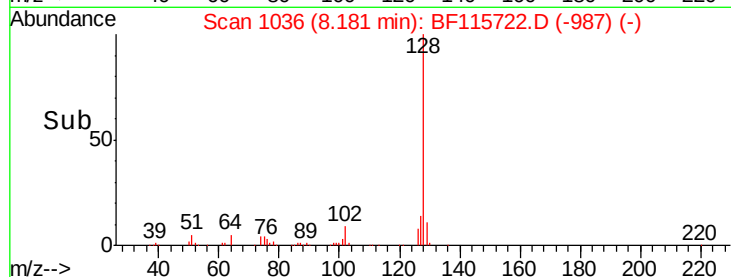
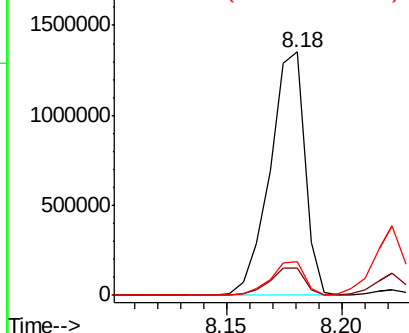
Tot Ion:128 Resp: 1418523
Ion Ratio Lower Upper
128 100
129 11.2 9.9 14.9
127 13.6 12.1 18.1

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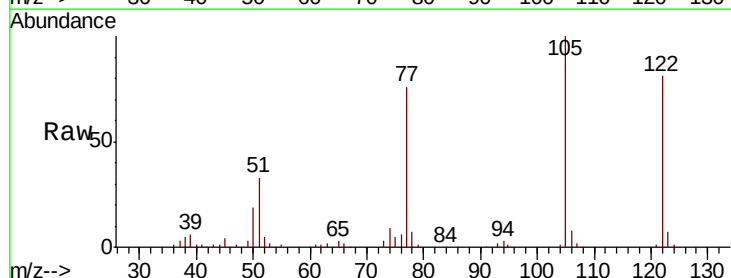


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

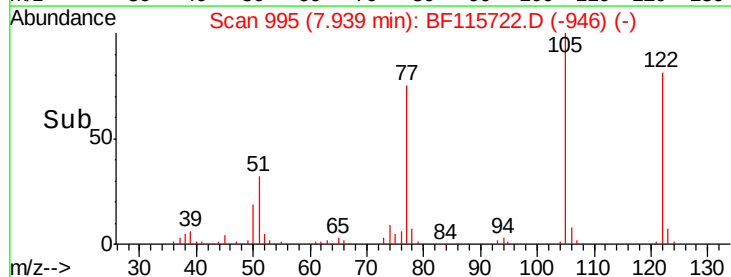
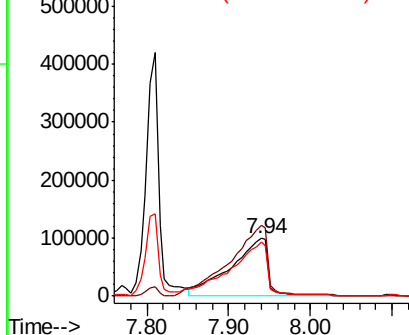


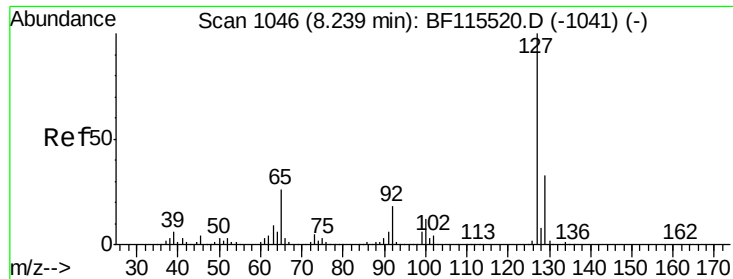
#32
Benzoic acid
Concen: 37.034 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion:122 Resp: 314885
Ion Ratio Lower Upper
122 100
105 122.8 102.5 142.5
77 93.0 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





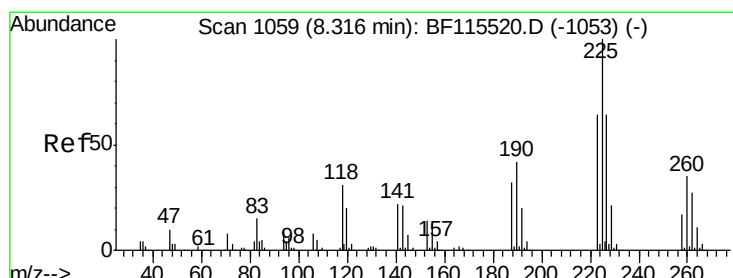
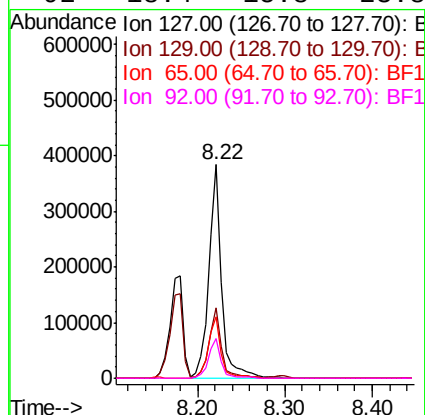
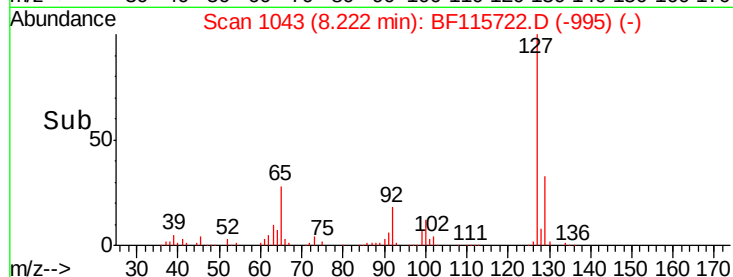
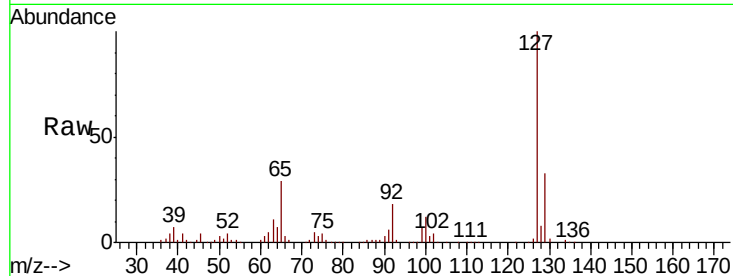
#33
4-Chloroaniline
Concen: 25.039 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.6	39.8		
65	28.9	23.7	35.5		
92	18.4	15.8	23.8		

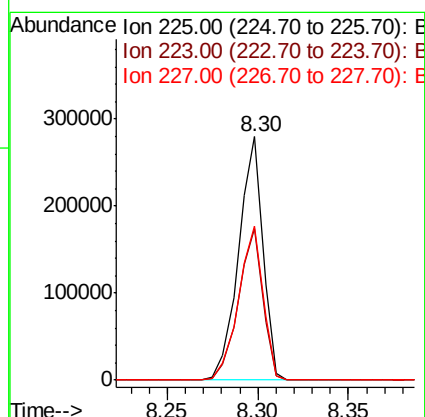
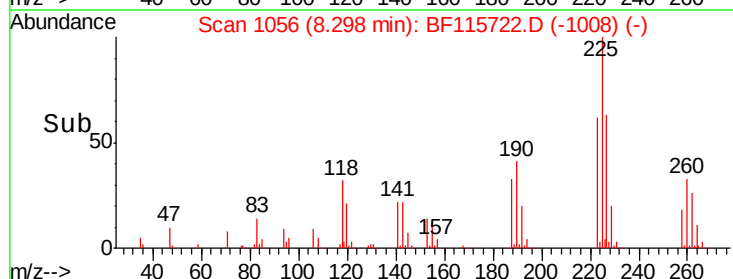
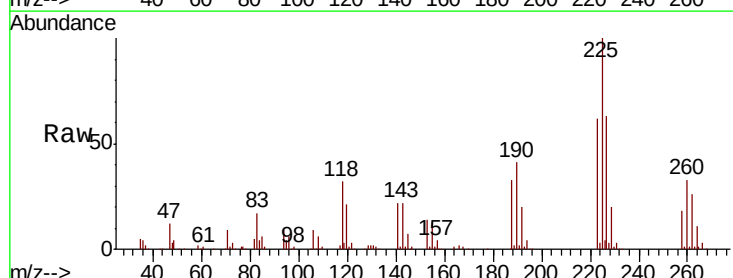
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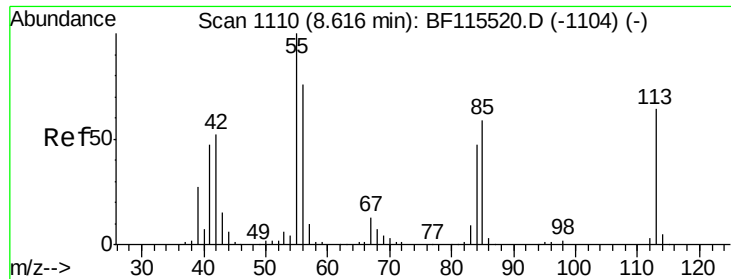
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#34
Hexachlorobutadiene
Concen: 37.295 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.9	76.3		
227	63.0	50.7	76.1		





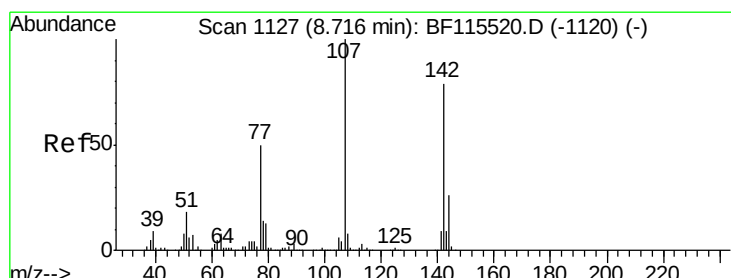
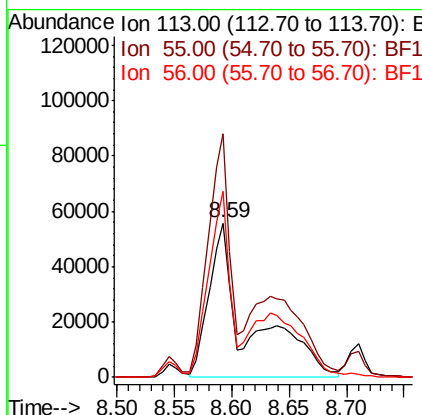
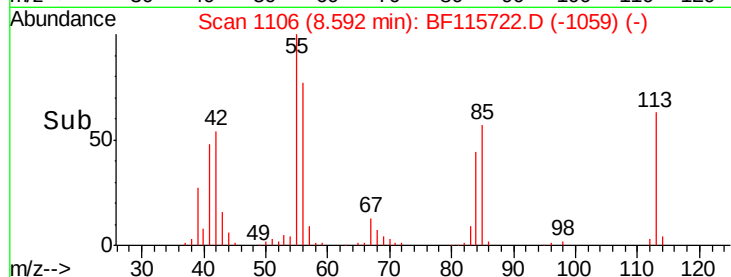
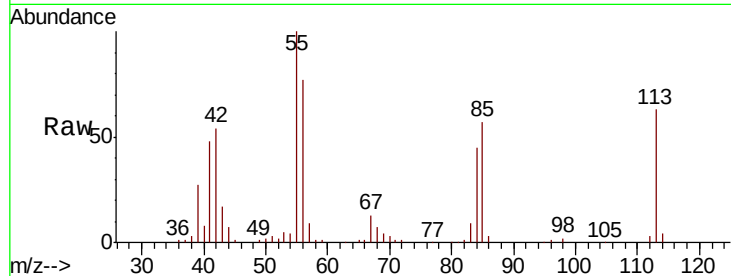
#35
Caprolactam
Concen: 40.205 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	157.8		126.9	166.9	
56	120.7		90.3	130.3	

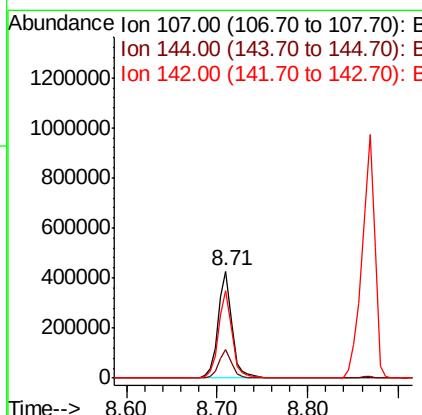
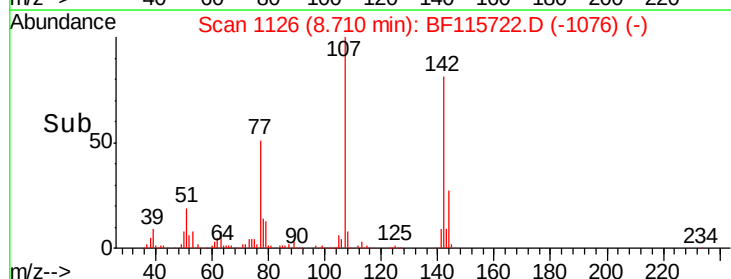
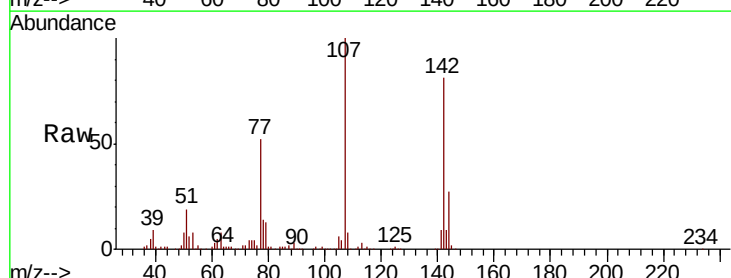
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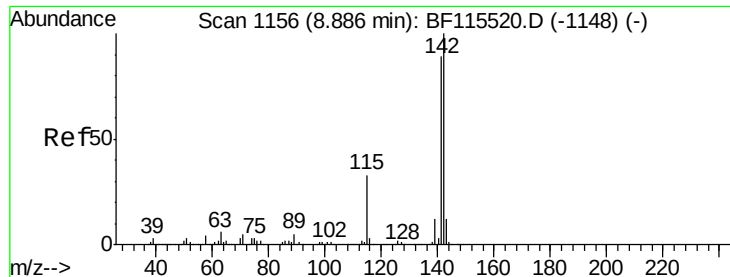
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#36
4-Chloro-3-methylphenol
Concen: 40.089 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.6		20.6	30.8	
142	81.3		63.1	94.7	





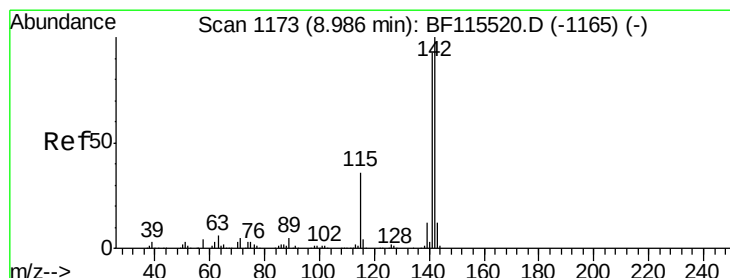
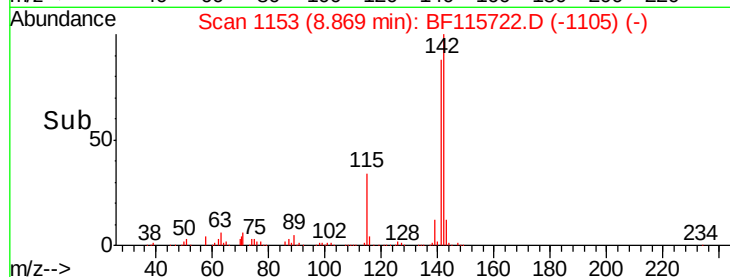
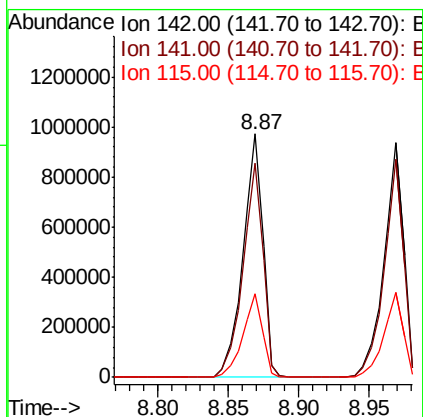
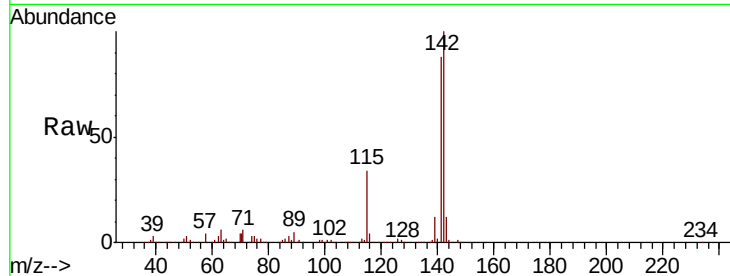
#37
2-Methylnaphthalene
Concen: 41.147 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.0	108.0
115	34.5	29.9	44.9

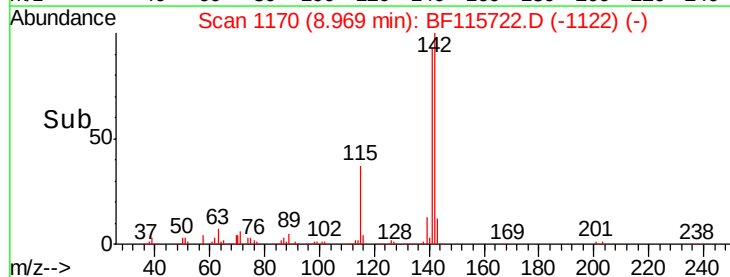
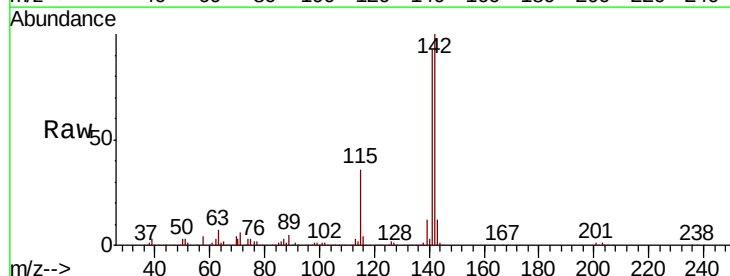
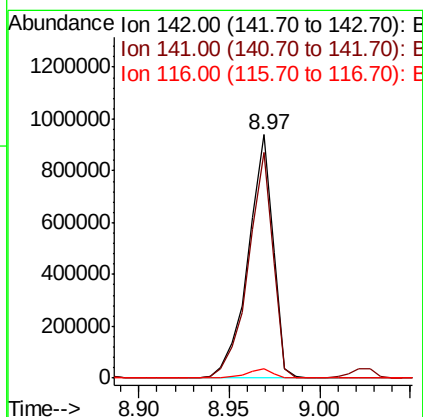
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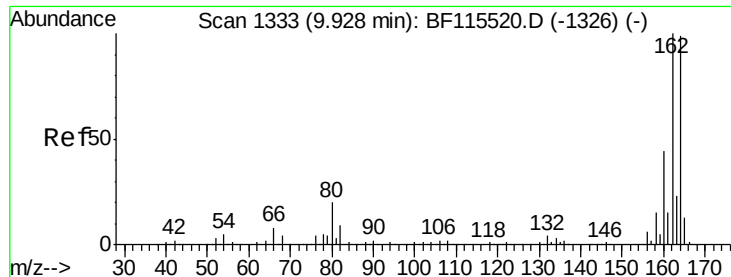
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#38
1-Methylnaphthalene
Concen: 40.547 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.3	112.9
116	3.7	3.3	4.9





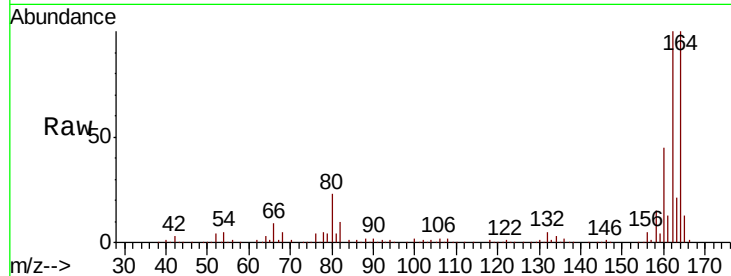
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.9	124.3
160	45.4	36.8	55.2

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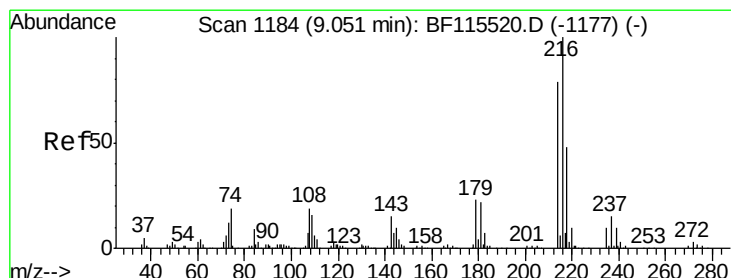
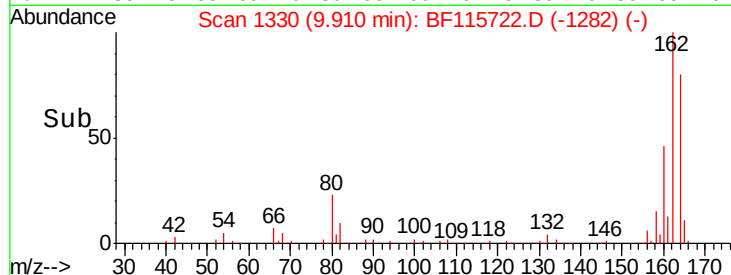
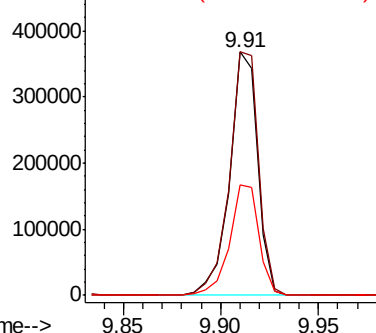


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.891 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	65.1	97.7
179	22.0	18.3	27.5
108	20.3	15.7	23.5

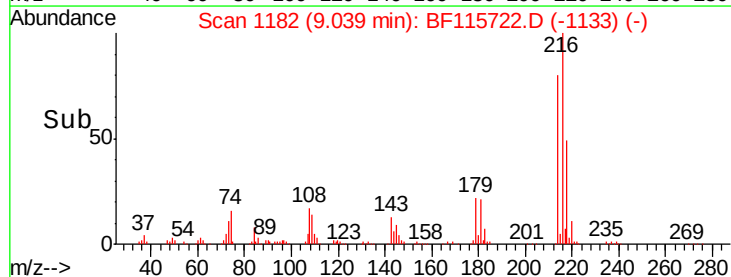
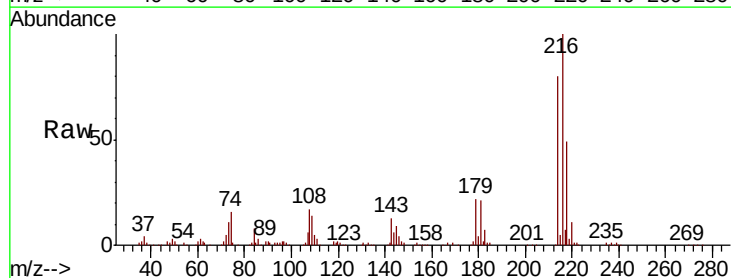
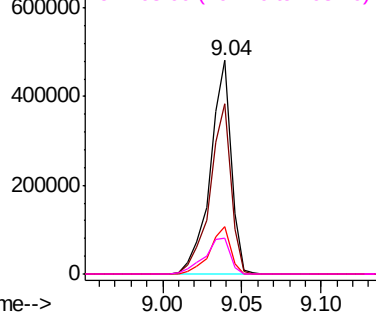
Abundance

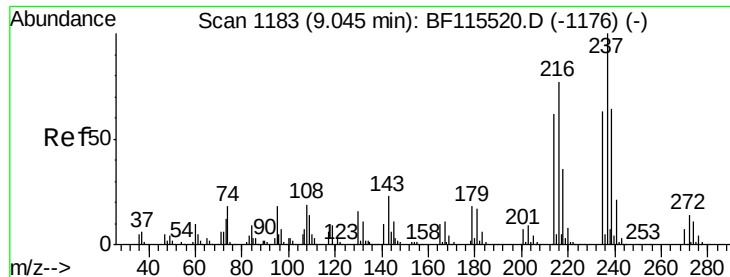
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 46.385 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

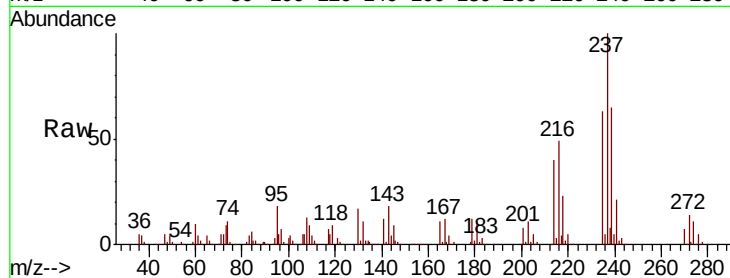
ClientSampleId :

PB121645BS

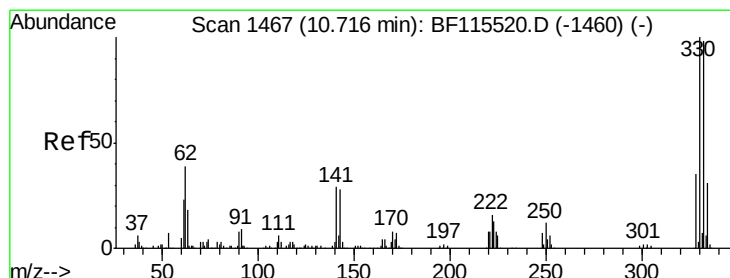
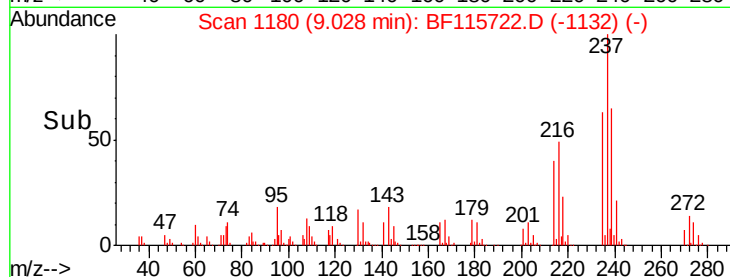
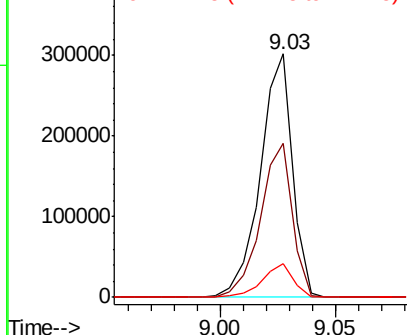
Tot Ion:	237	Resp:	291585
Ion Ratio		Lower	Upper
237	100		
235	63.4	43.6	83.6
272	13.9	0.0	33.9

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



#42

2,4,6-Tribromophenol

Concen: 108.072 ng

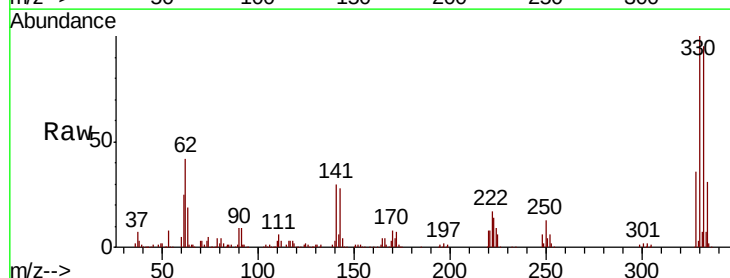
RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

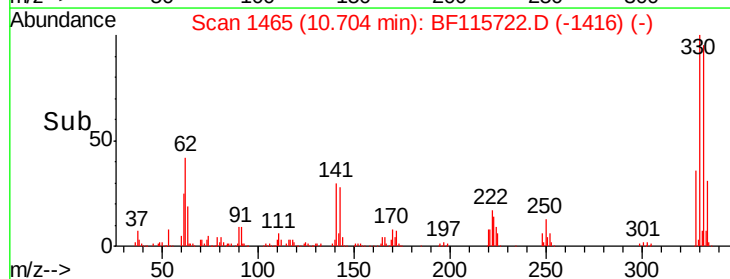
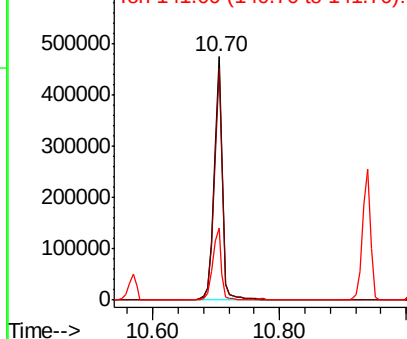
Lab File: BF115722.D

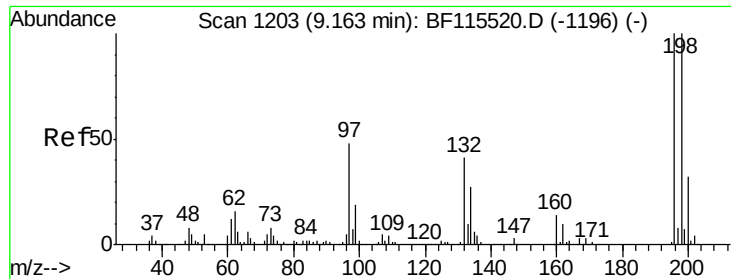
Acq: 23 Jul 2019 16:36

Tgt Ion:	330	Resp:	461629
Ion Ratio		Lower	Upper
330	100		
332	94.6	77.4	116.2
141	30.8	22.4	33.6



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





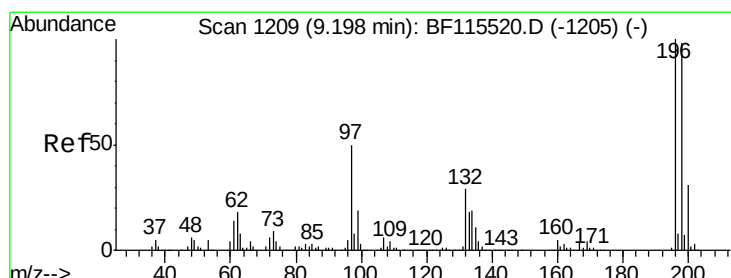
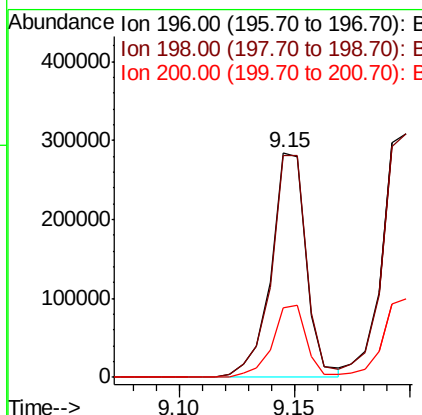
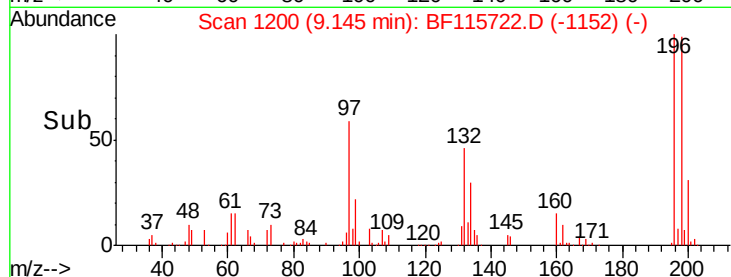
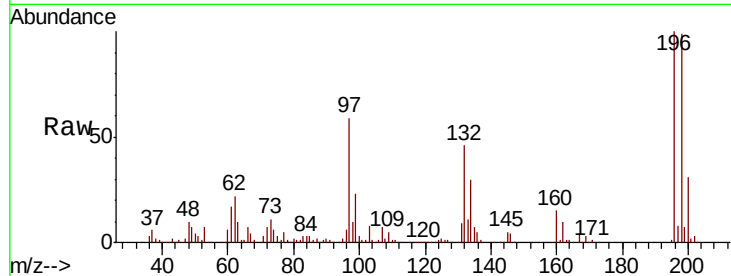
#43
 2,4,6-Trichlorophenol
 Concen: 37.098 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	298970		
198	98.5	80.6	121.0	
200	31.1	25.8	38.6	

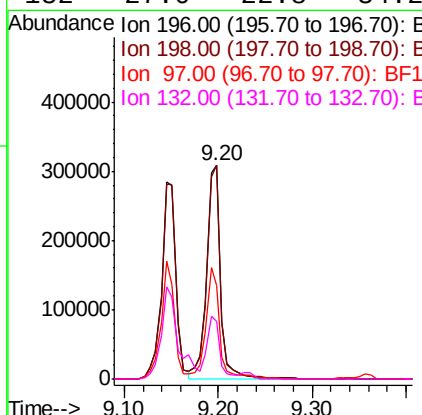
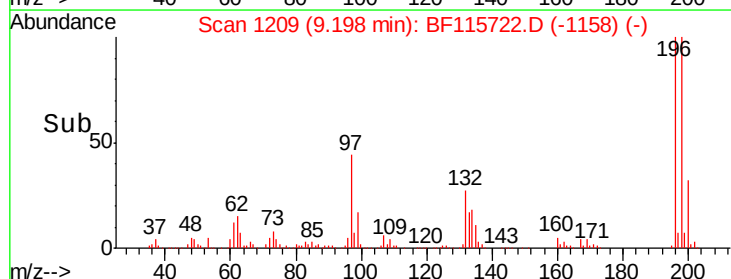
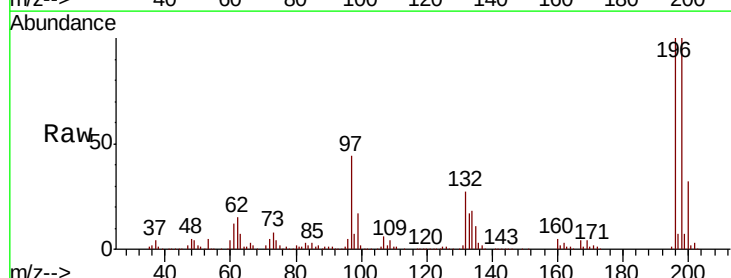
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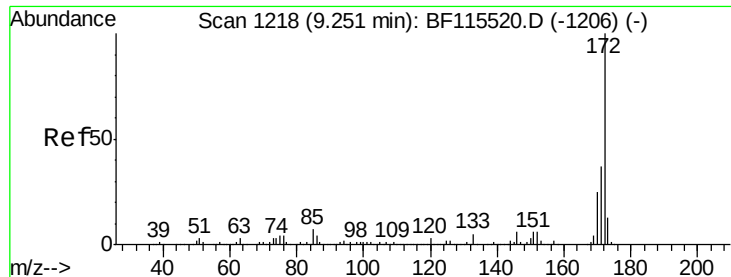
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.824 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	320421		
198	100.0	79.6	119.4	
97	43.7	37.8	56.6	
132	27.0	22.8	34.2	





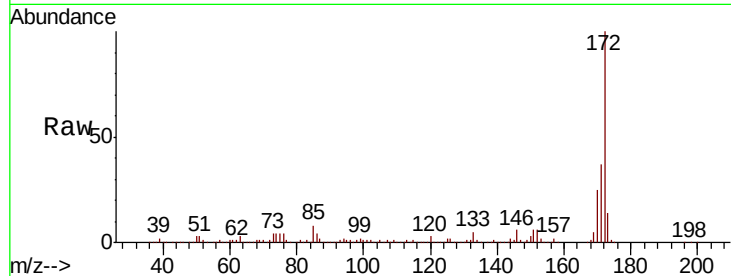
#45
2-Fluorobiphenyl
Concen: 83.137 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	25.3	20.5	30.7

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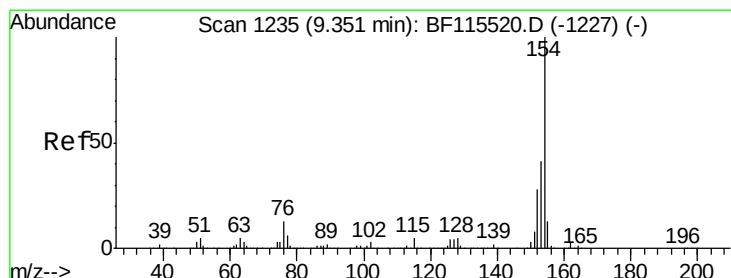
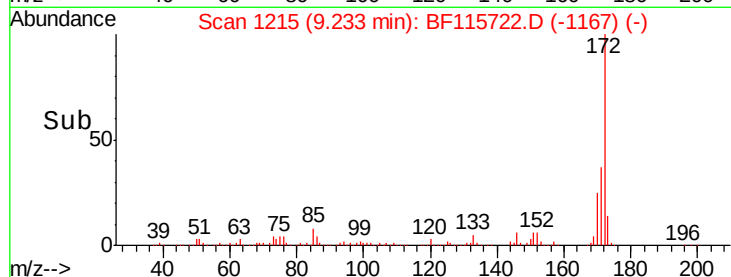
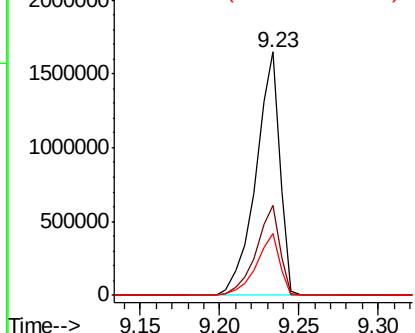


Abundance

Ion 172.00 (171.70 to 172.70): E

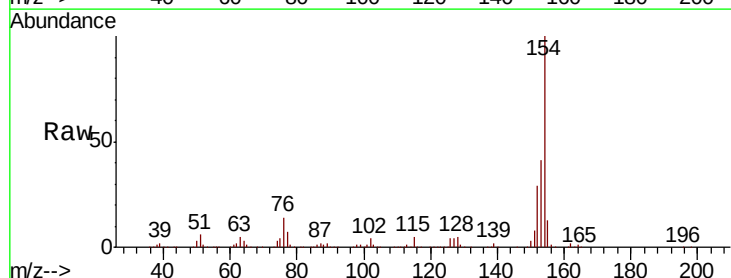
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.389 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.6	62.6
76	14.1	0.0	33.4

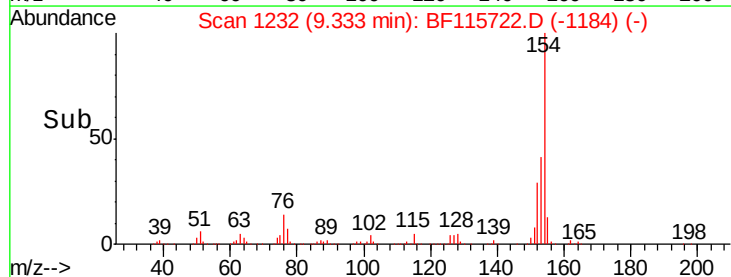
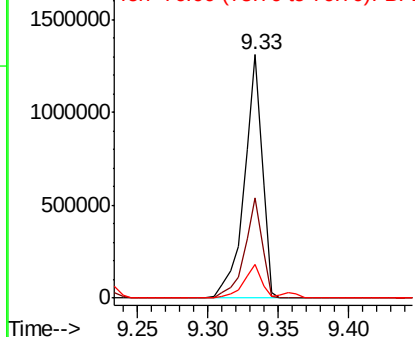


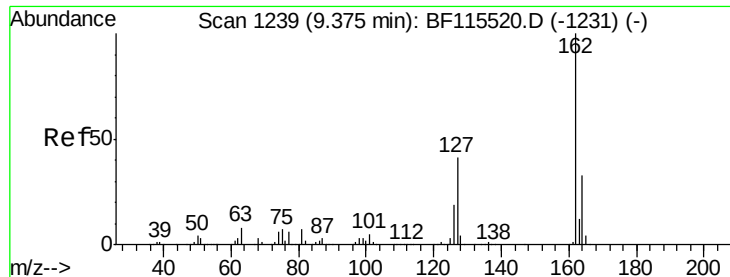
Abundance

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





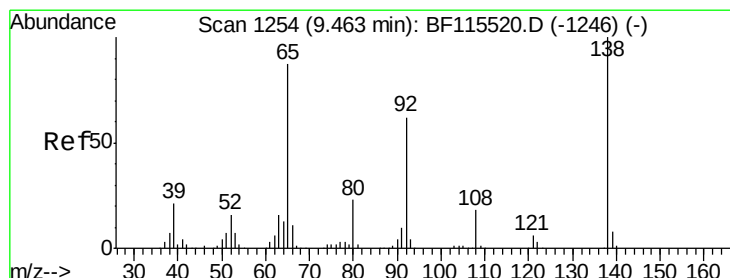
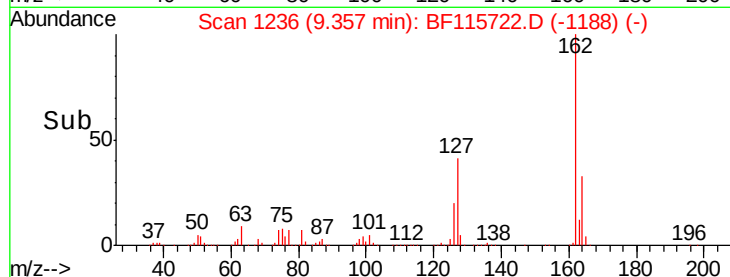
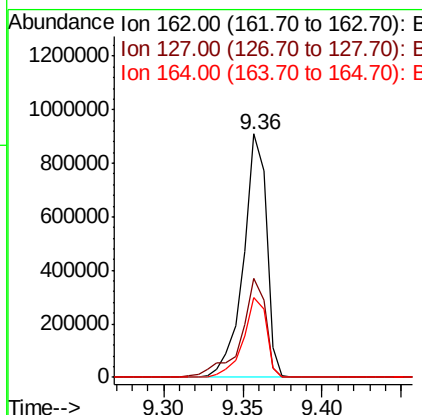
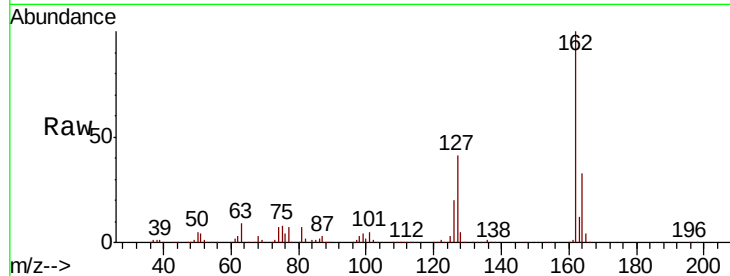
#47
 2-Chloronaphthalene
 Concen: 38.321 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.6	34.1	51.1
164	33.0	27.4	41.2

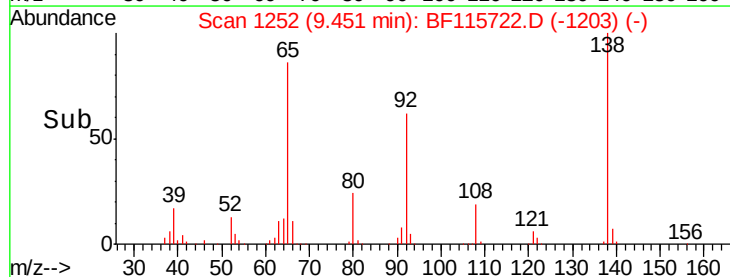
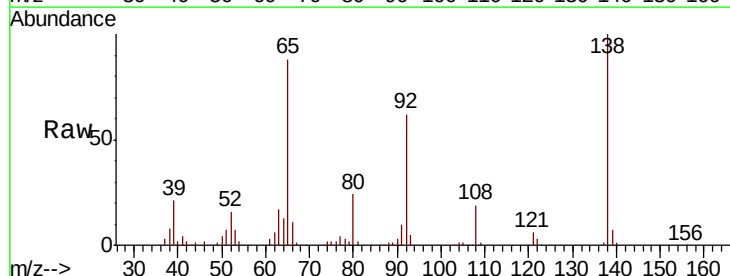
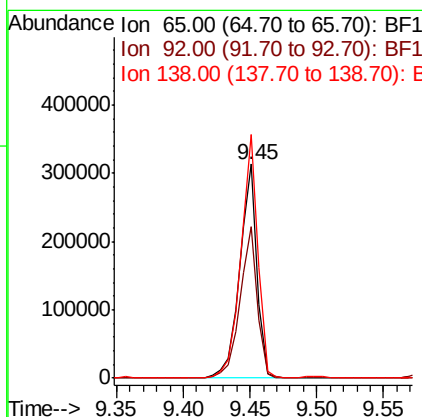
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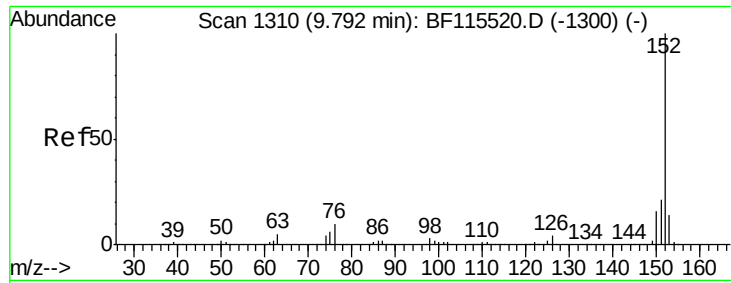
mohammad
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#48
 2-Nitroaniline
 Concen: 38.284 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.9	57.8	86.6
138	113.9	91.2	136.8





#49

Acenaphthylene

Concen: 38.822 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

ClientSampleId :

PB121645BS

Tot Ion:152 Resp: 1370350

Ion Ratio Lower Upper

152 100

151 21.0 17.7 26.5

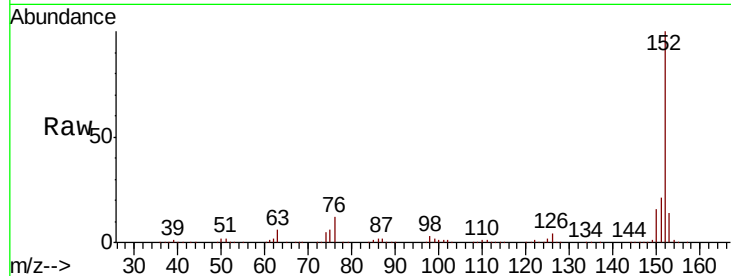
153 14.4 12.0 18.0

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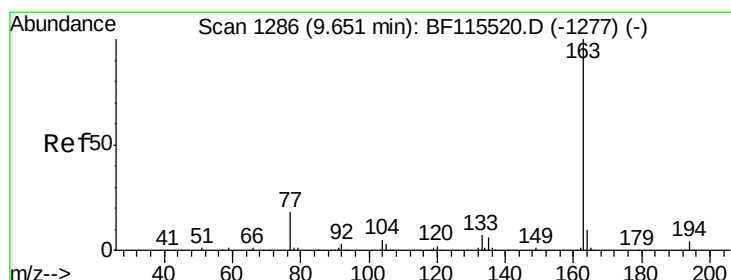
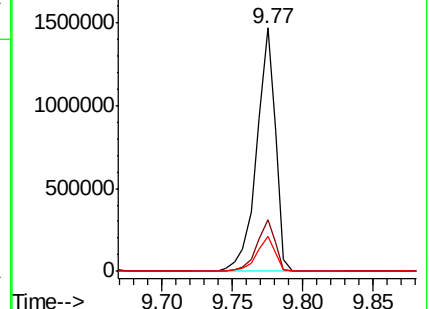
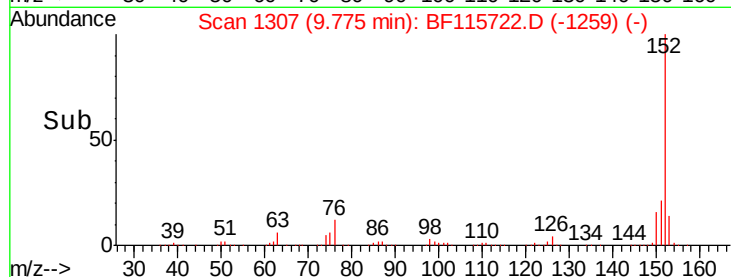
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Abundance Ion 152.00 (151.70 to 152.70): E

2000000 Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.614 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

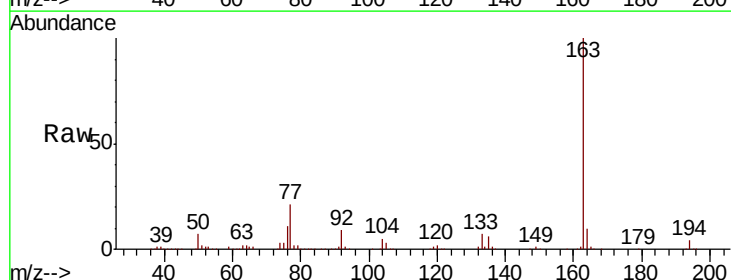
Tgt Ion:163 Resp: 1063147

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

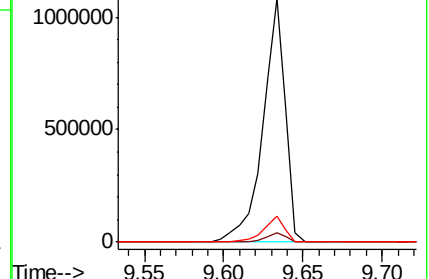
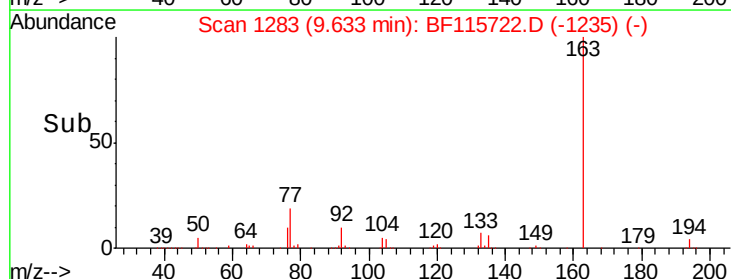
164 10.4 8.7 13.1

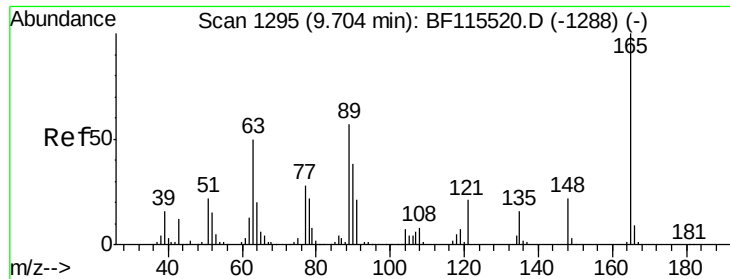


Abundance Ion 163.00 (162.70 to 163.70): E

1500000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





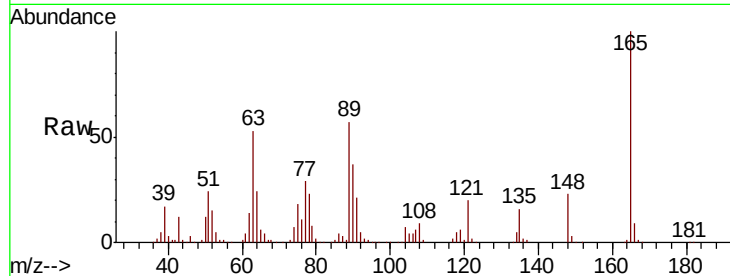
#51
2,6-Dinitrotoluene
Concen: 38.725 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

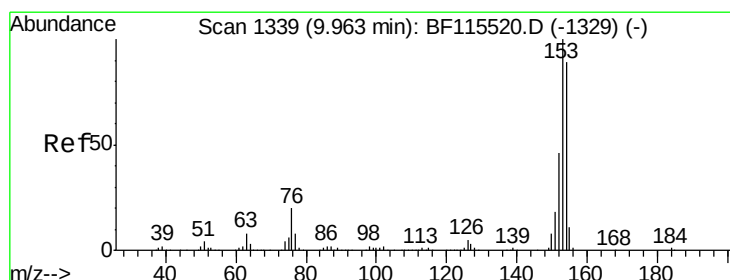
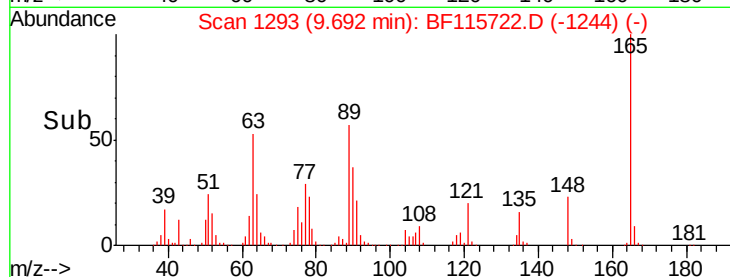
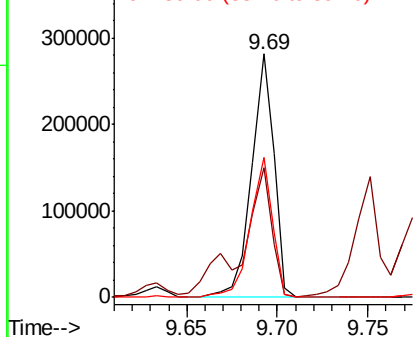
Tot Ion	Ratio	Resp	Lower	Upper
165	100	242301		
63	53.4		40.6	61.0
89	57.3		43.9	65.9

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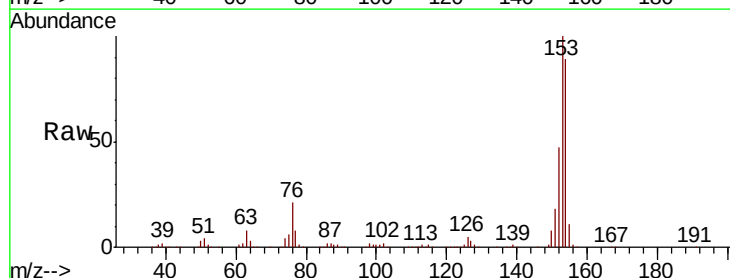


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

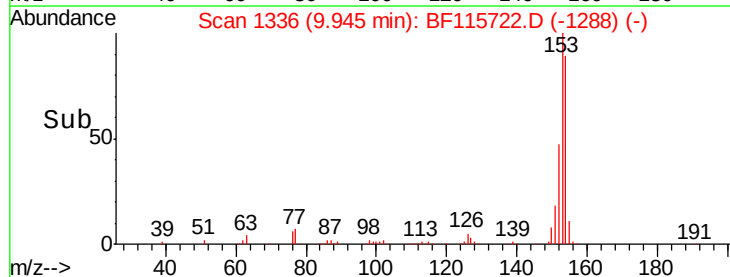
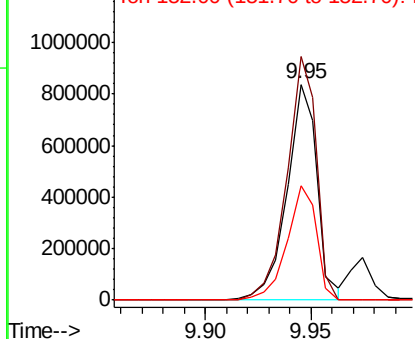


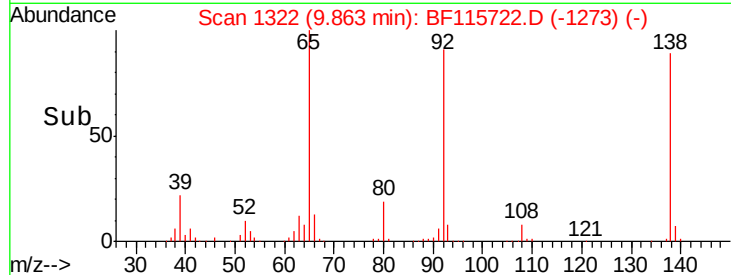
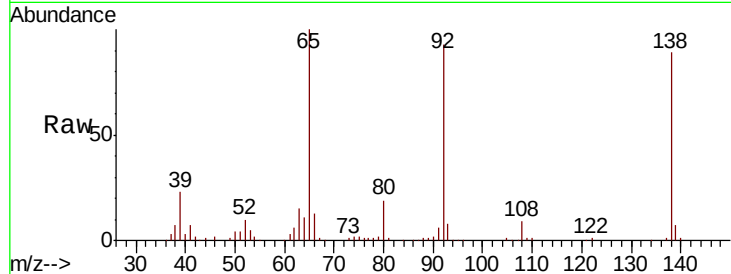
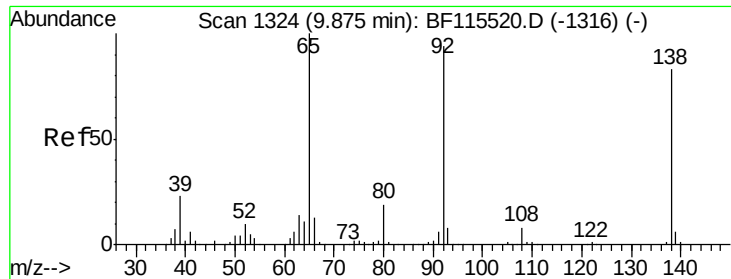
#52
Acenaphthene
Concen: 36.622 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	834584		
153	112.9		88.6	133.0
152	53.2		42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





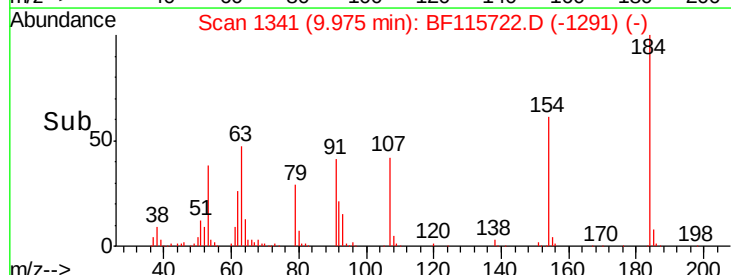
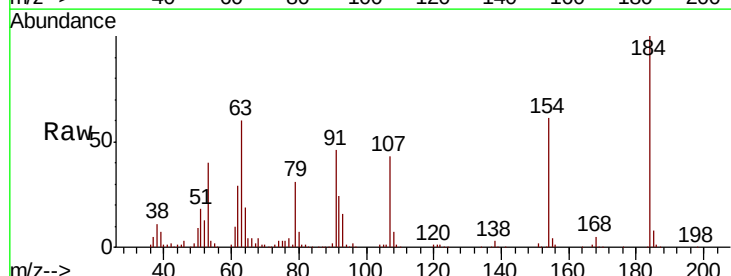
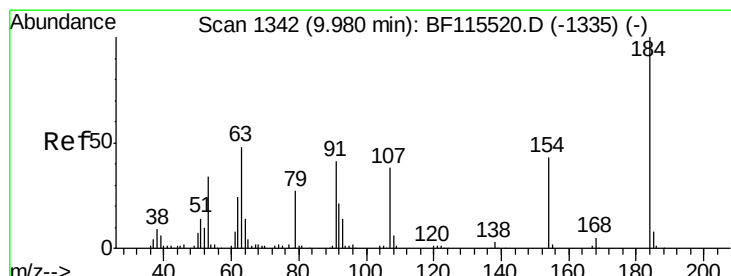
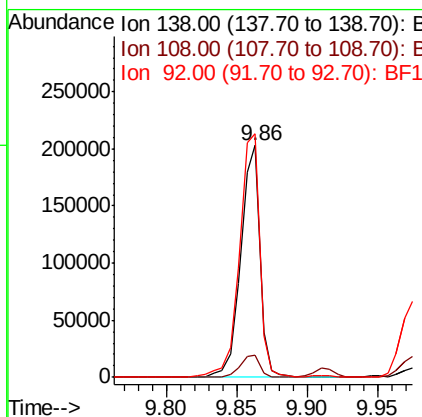
#53
3-Nitroaniline
Concen: 26.940 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tot Ion	Ratio	Resp	Lower	Upper
138	100	192625		
108	9.8	8.4	12.6	
92	105.0	88.0	132.0	

Instrument :
BNA_F
ClientSampled :
PB121645BS

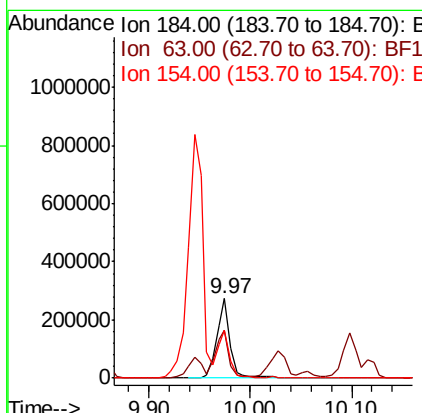
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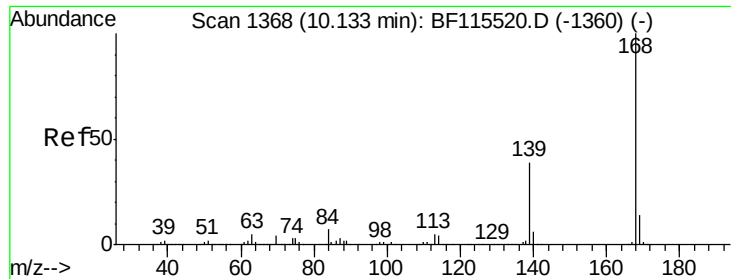
mohammad
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#54
2,4-Dinitrophenol
Concen: 77.110 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	247713		
63	60.1	48.7	73.1	
154	60.7	48.6	73.0	





#55

Dibenzofuran

Concen: 38.302 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

ClientSampleId :

PB121645BS

Tot Ion:168 Resp: 1239570

Ion Ratio Lower Upper

168 100

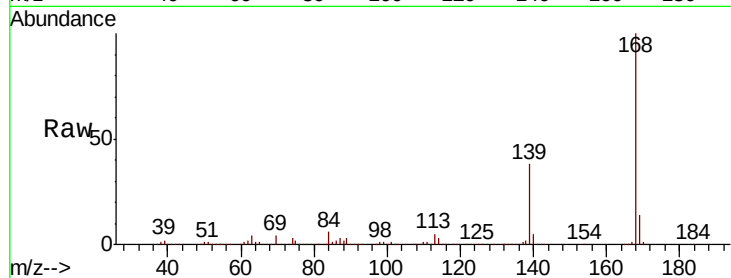
139 37.7 31.1 46.7

169 13.7 11.1 16.7

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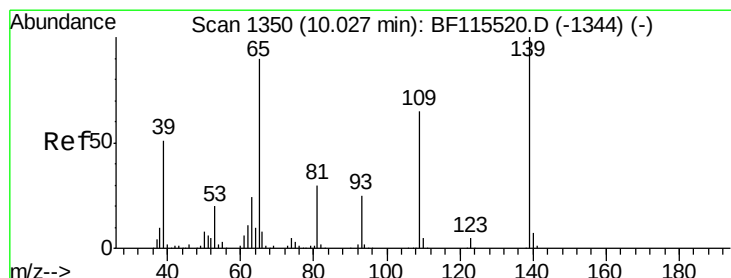
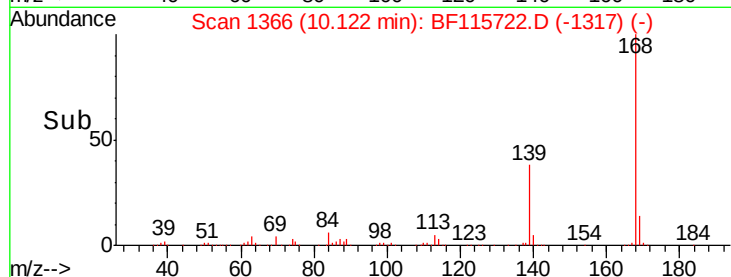
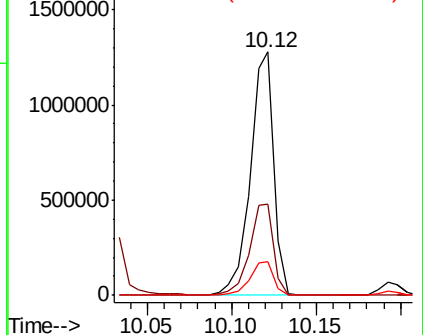
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 72.399 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

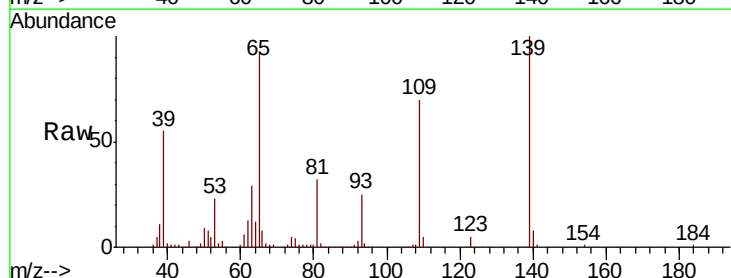
Tgt Ion:139 Resp: 394754

Ion Ratio Lower Upper

139 100

109 70.0 46.4 86.4

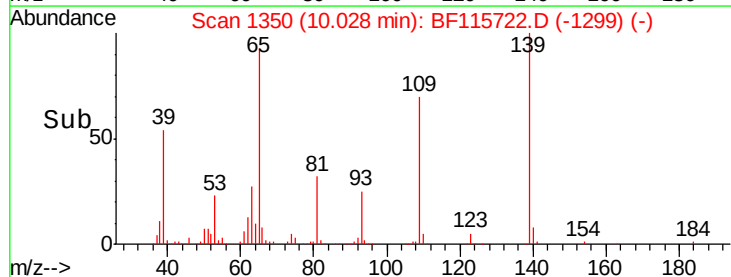
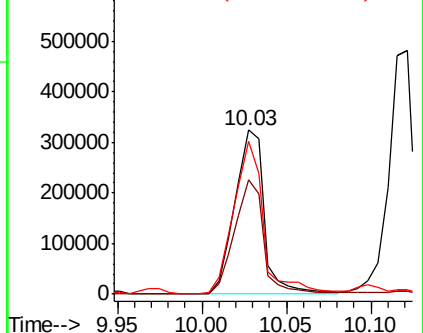
65 93.2 68.9 108.9

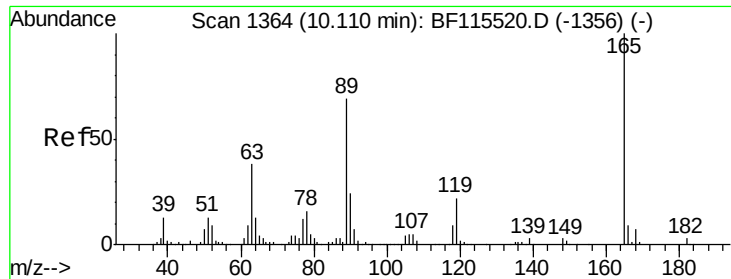


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.087 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

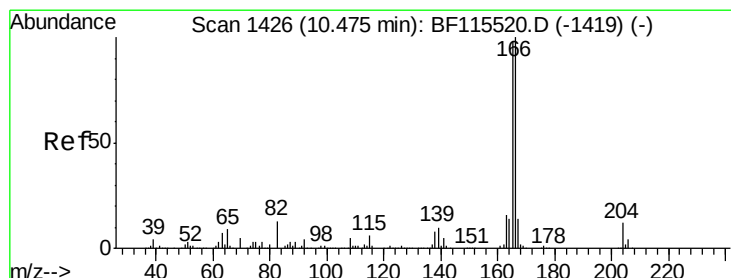
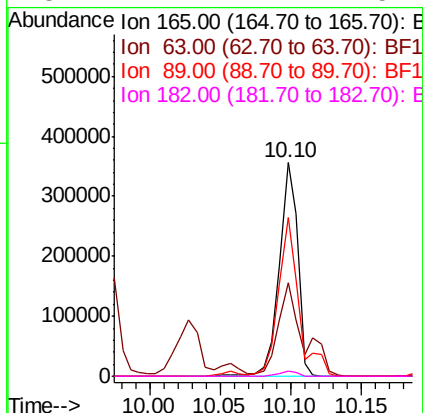
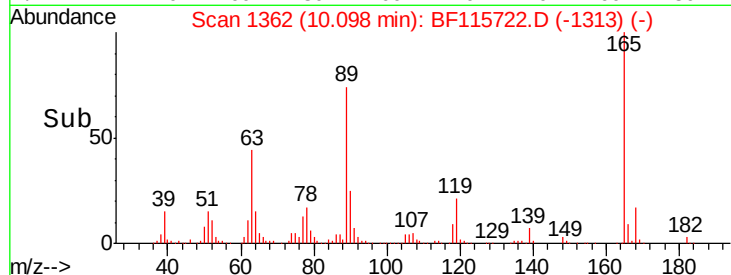
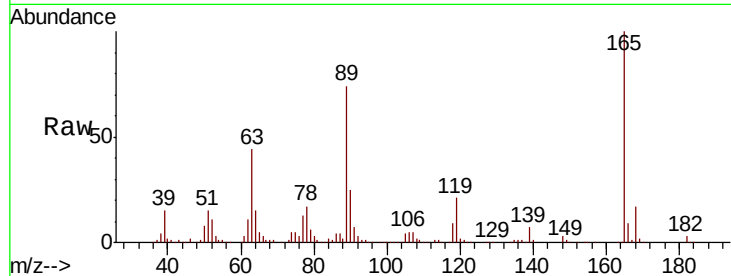
ClientSampleId :

PB121645BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		324959		
63	43.6		34.9	52.3	
89	74.1		57.5	86.3	
182	2.7		2.2	3.4	

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#58

Fluorene

Concen: 40.085 ng

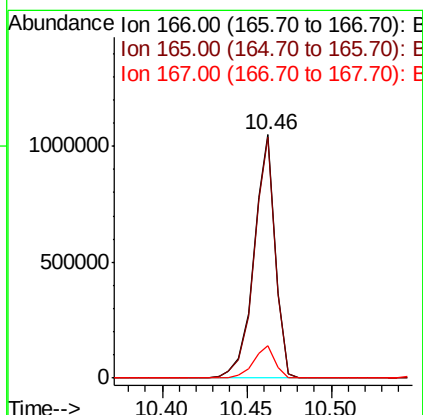
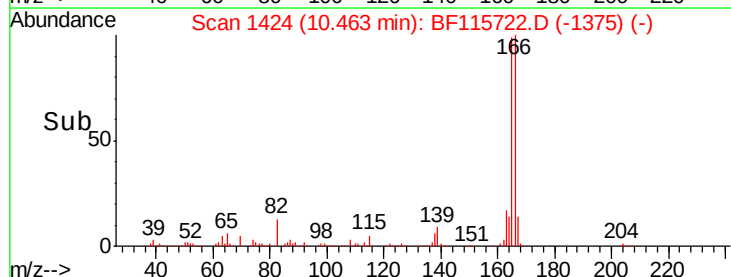
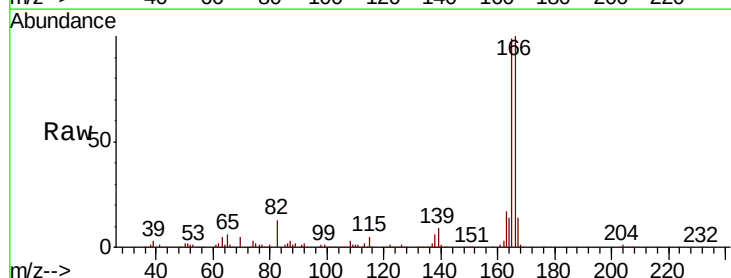
RT: 10.46 min Scan# 1424

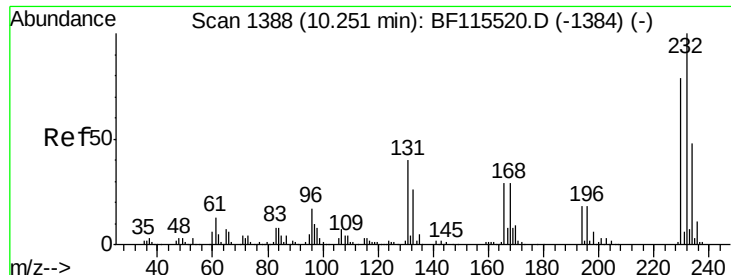
Delta R.T. -0.01 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		927398		
165	99.2		79.8	119.6	
167	13.6		11.2	16.8	





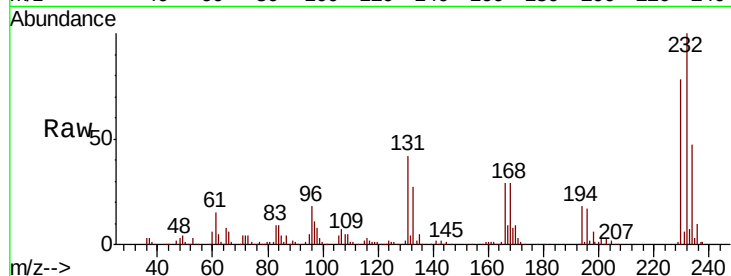
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.040 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		283144		
131	44.9	35.9	53.9		
130	2.3	1.8	2.6		
166	28.9	24.8	37.2		

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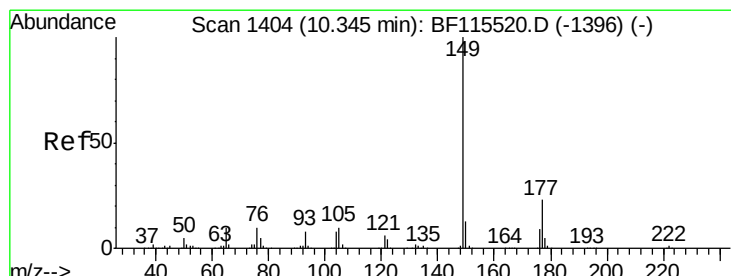
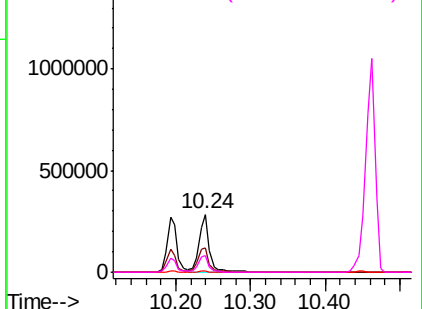
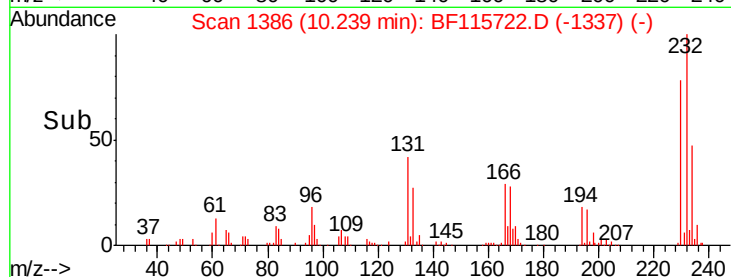
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

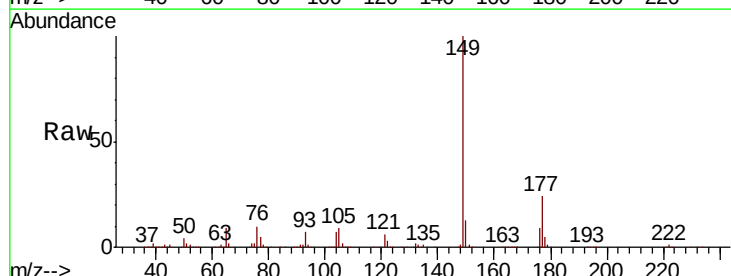
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.424 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1017017		
177	23.7	19.5	29.3		
150	12.7	10.4	15.6		

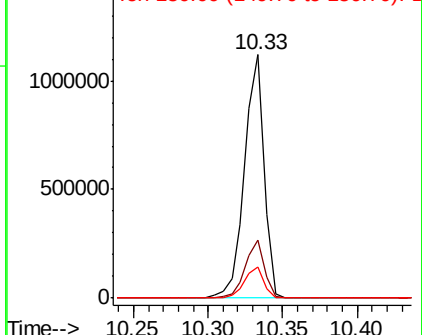
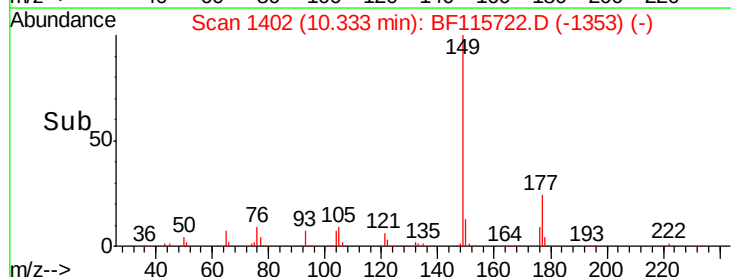


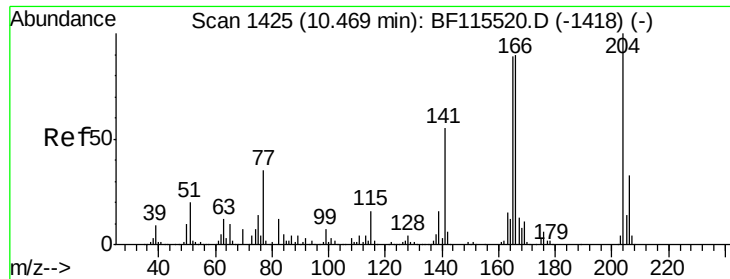
Abundance

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





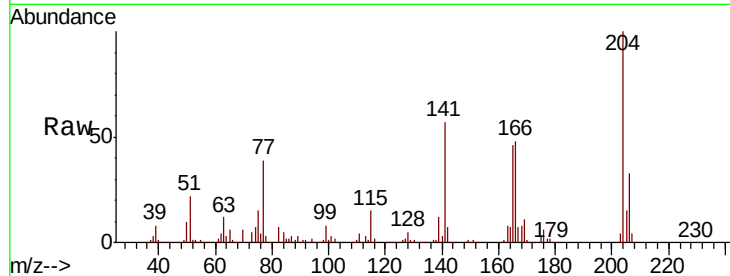
#61
 4-Chlorophenyl-phenylether
 Concen: 37.310 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BS

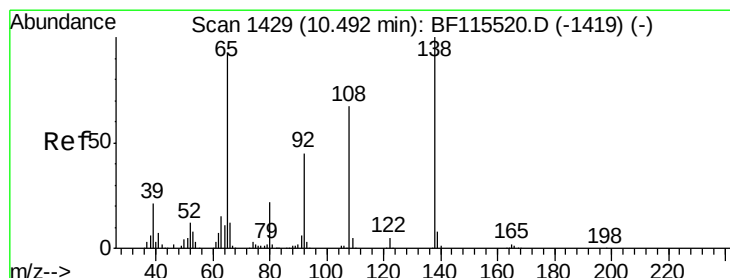
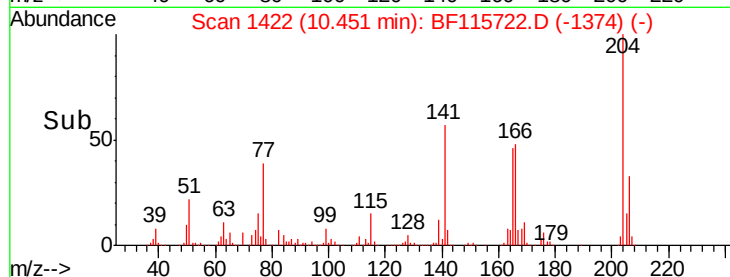
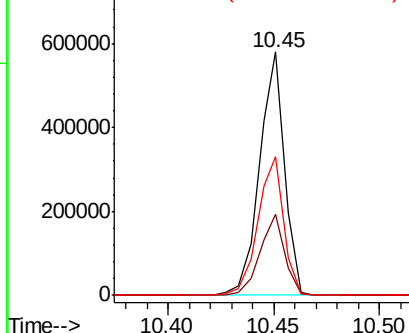
Tot Ion:	204	Resp:	478687
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.7	40.1
141	57.0	44.2	66.2

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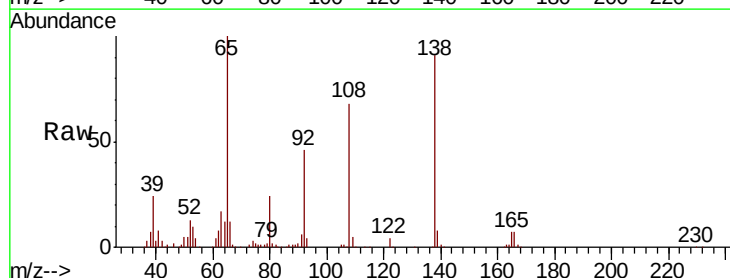


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

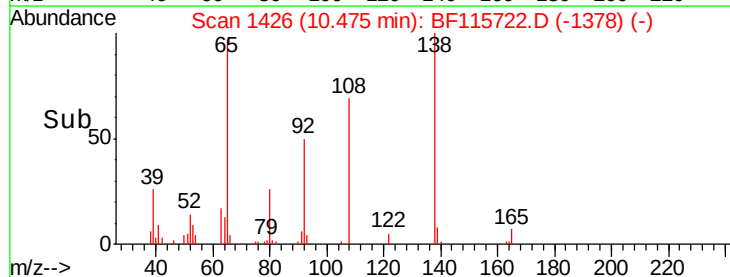
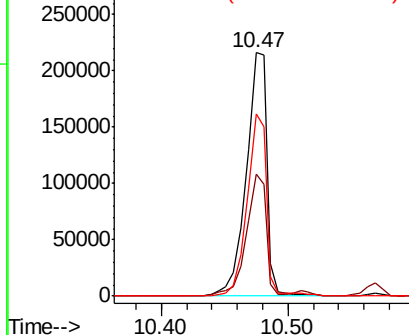


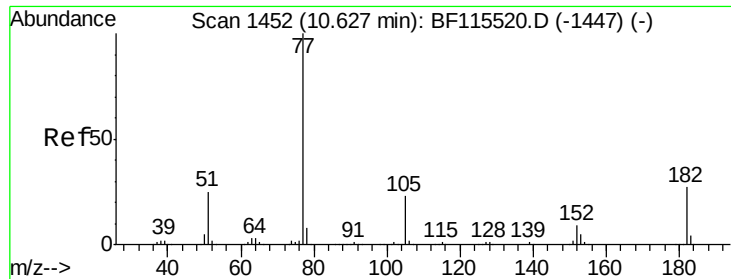
#62
 4-Nitroaniline
 Concen: 36.011 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Tgt Ion:	138	Resp:	246989
Ion Ratio	Lower	Upper	
138	100		
92	50.3	27.1	67.1
108	74.6	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





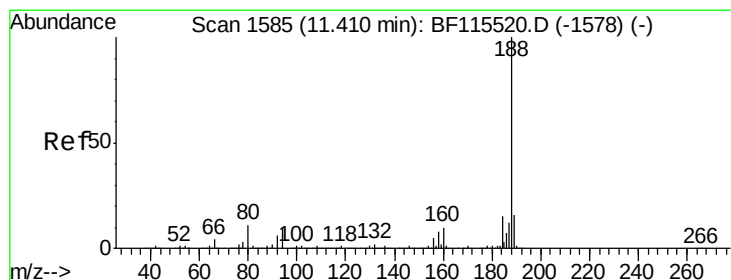
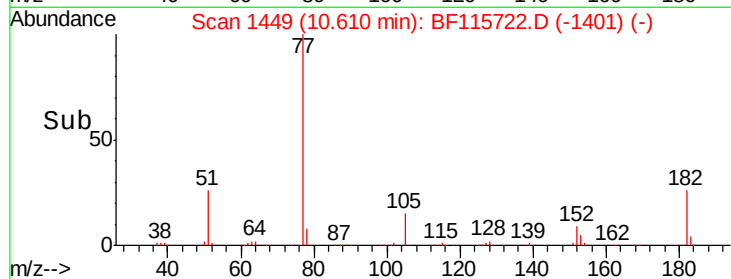
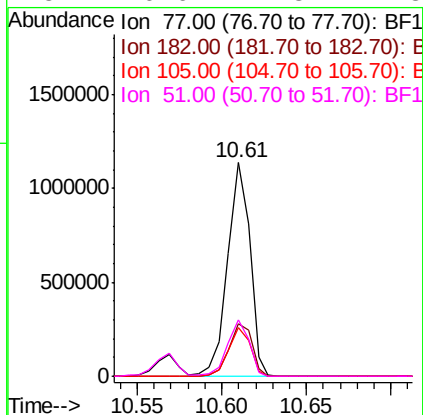
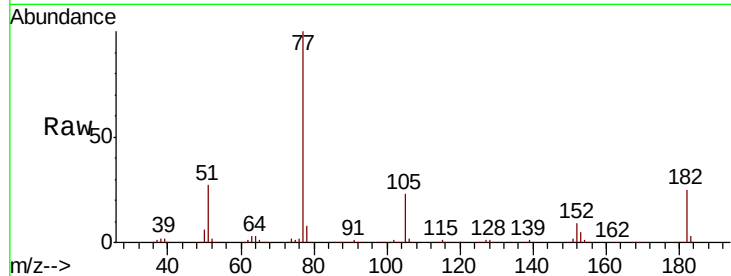
#63
Azobenzene
Concen: 41.527 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.8	6.9	46.9	
105	22.6	3.9	43.9	
51	26.6	7.3	47.3	

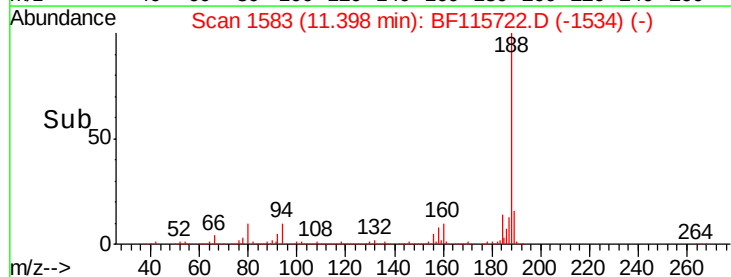
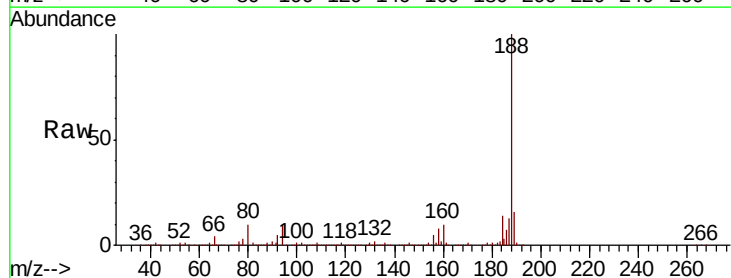
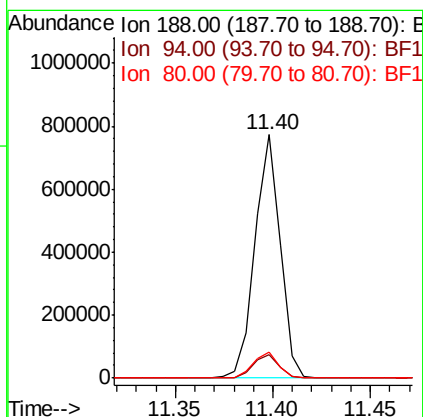
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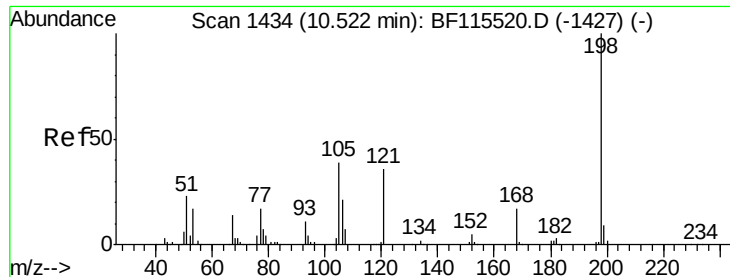
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	7.8	11.6	
80	10.4	8.6	13.0	





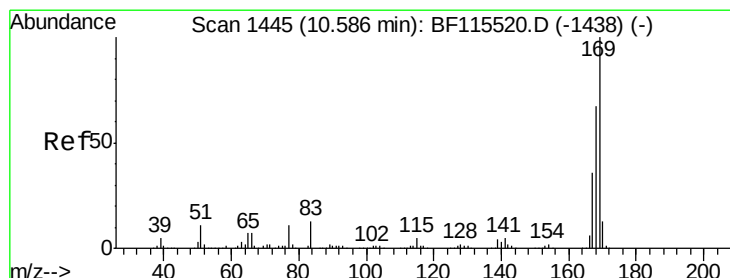
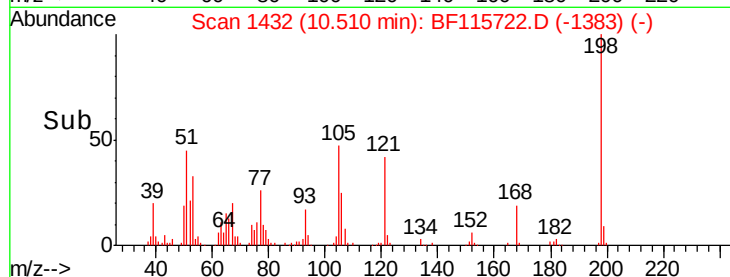
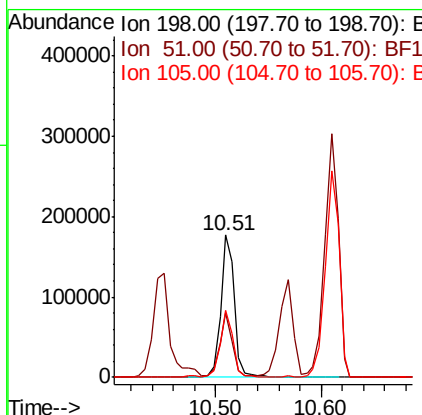
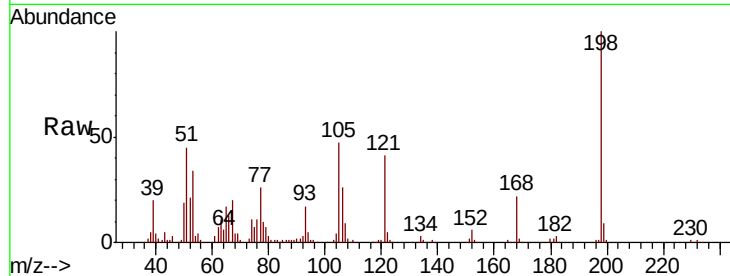
#65
4,6-Dinitro-2-methylphenol
Concen: 38.087 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	161387		
51	45.3	19.1	59.1	
105	46.7	23.6	63.6	

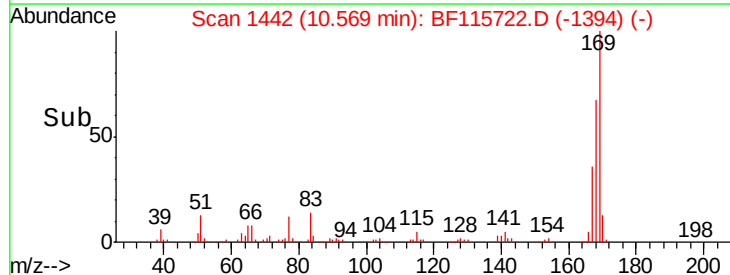
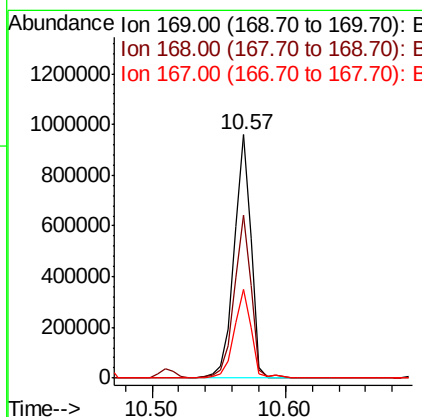
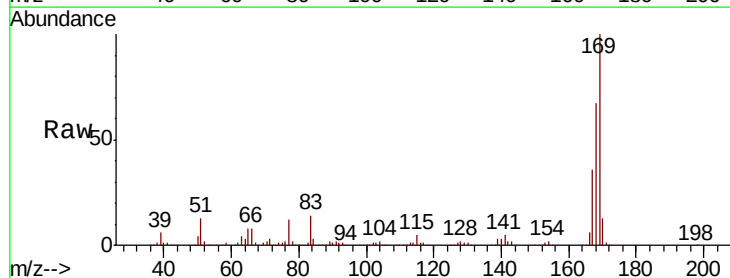
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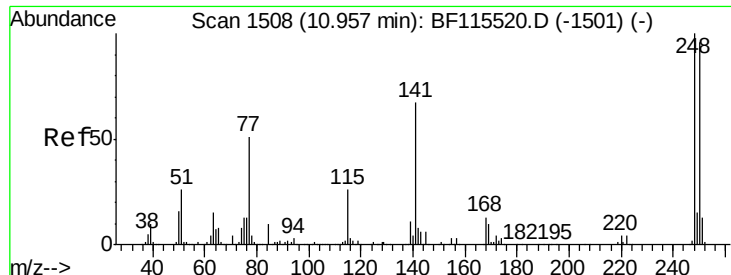
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#66
n-Nitrosodiphenylamine
Concen: 39.691 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	856286		
168	66.8	54.3	81.5	
167	36.5	30.2	45.2	





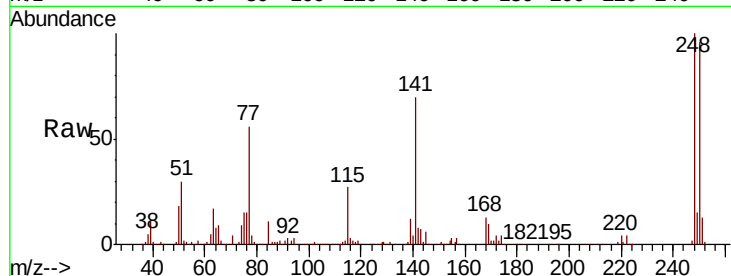
#67
4-Bromophenyl-phenylether
Concen: 37.998 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.0	117.0
141	70.5	57.7	86.5

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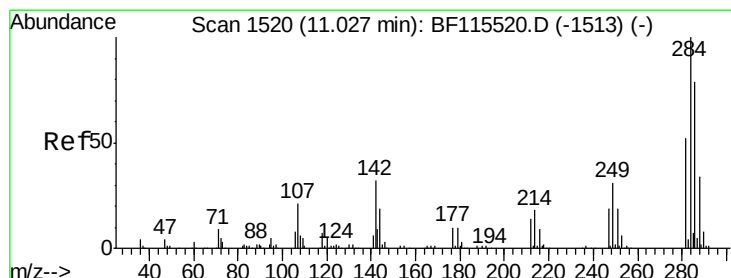
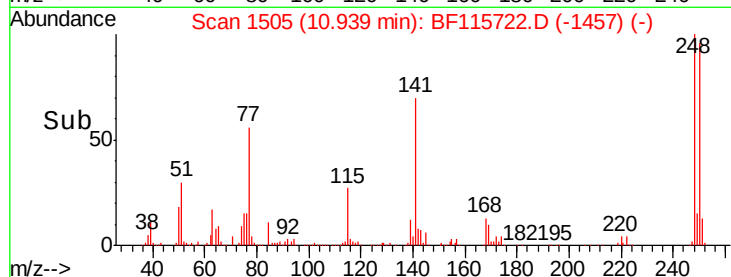
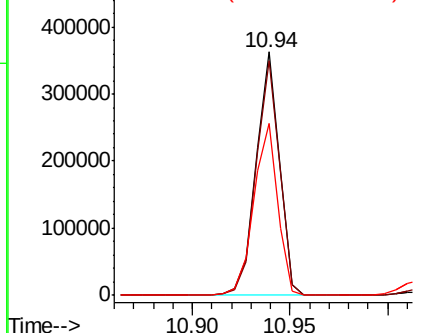


Abundance

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: 37.297 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

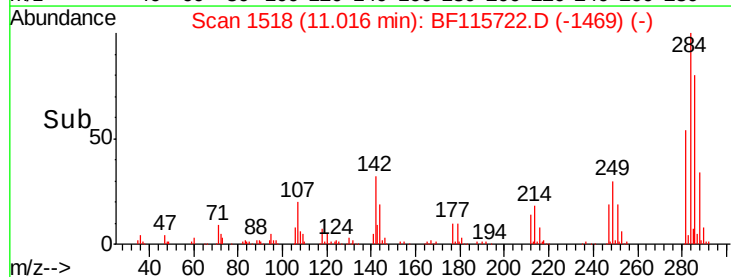
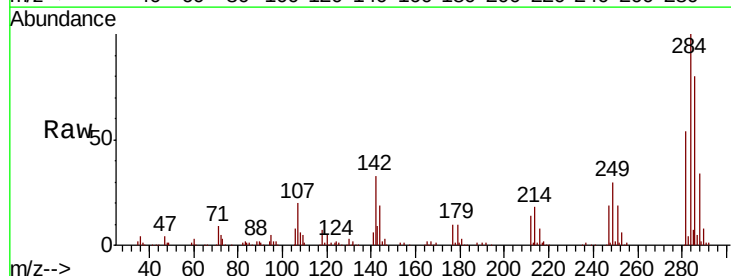
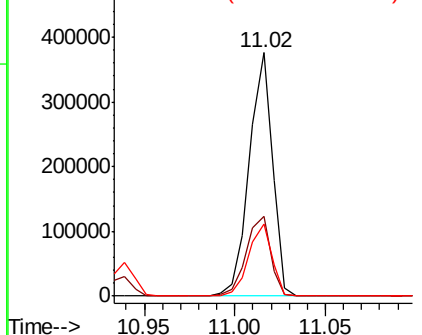
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	22.2	33.2
249	29.8	23.4	35.2

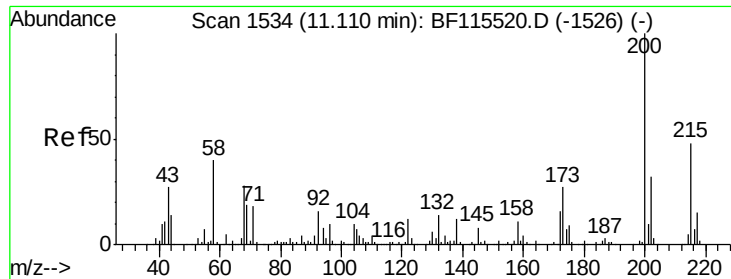
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





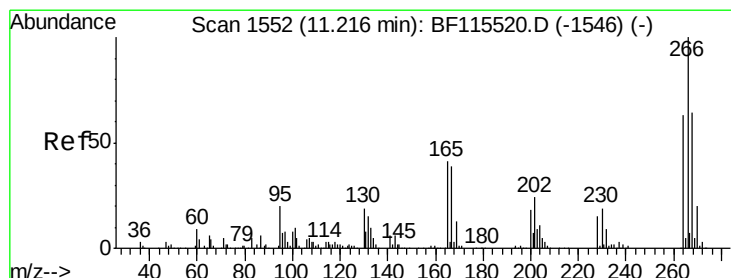
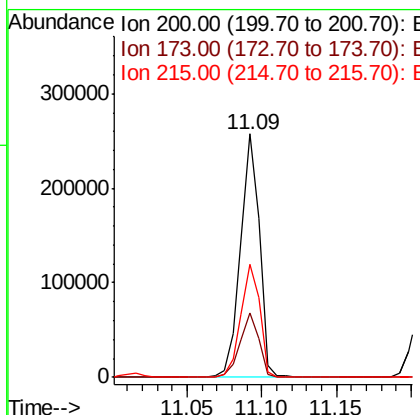
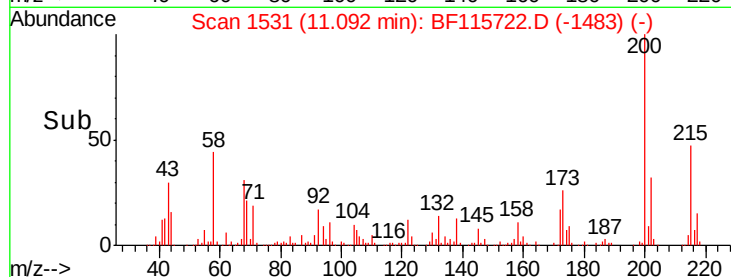
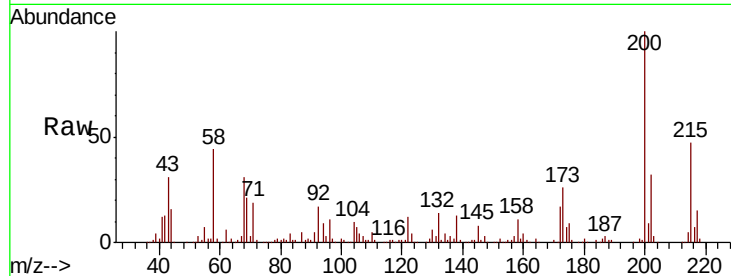
#69
 Atrazine
 Concen: 32.112 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.02 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.9	46.9
215	46.5	27.9	67.9

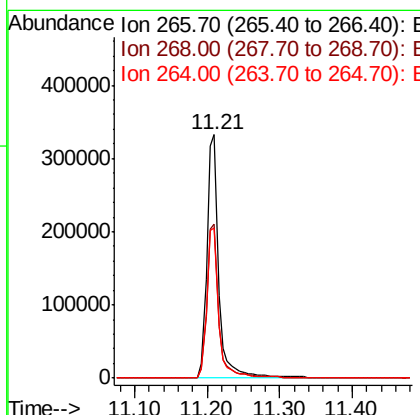
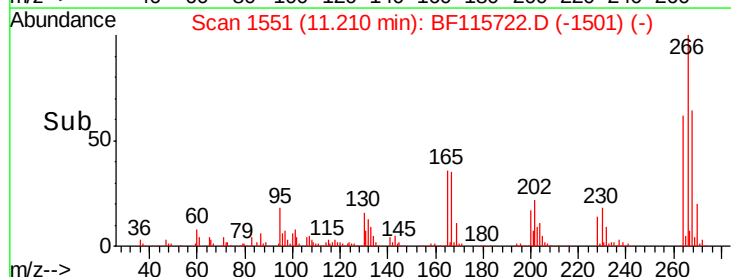
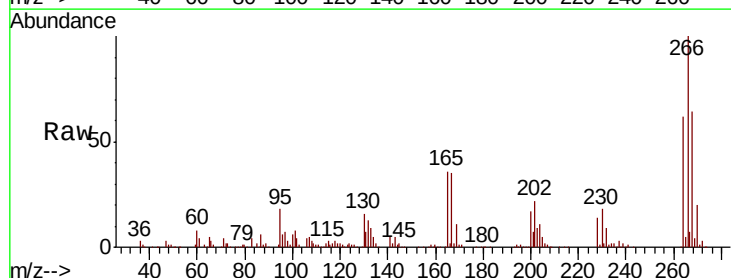
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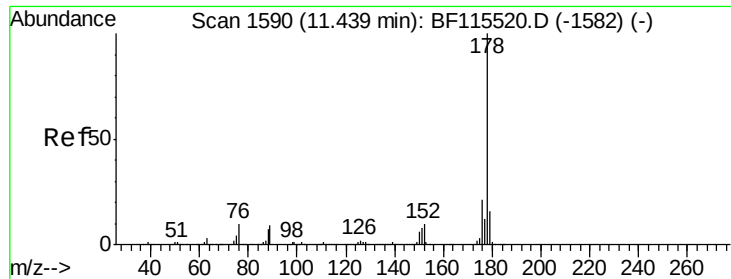
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#70
 Pentachlorophenol
 Concen: 68.842 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.6	77.4
264	61.7	50.6	76.0





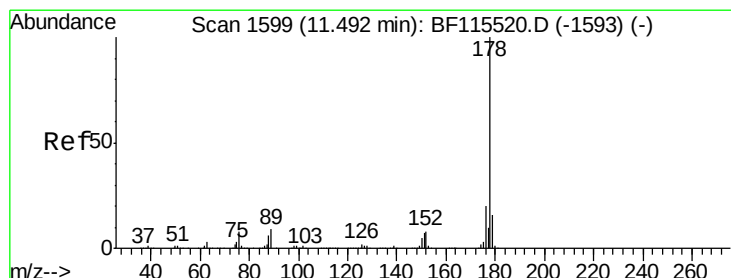
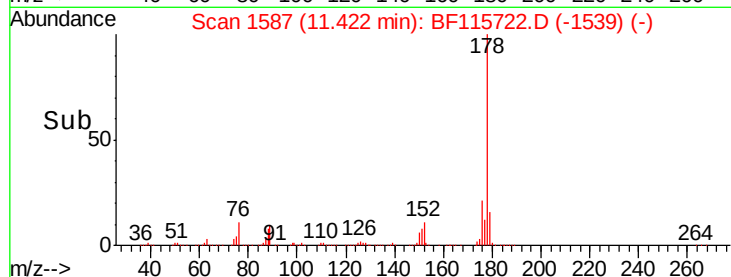
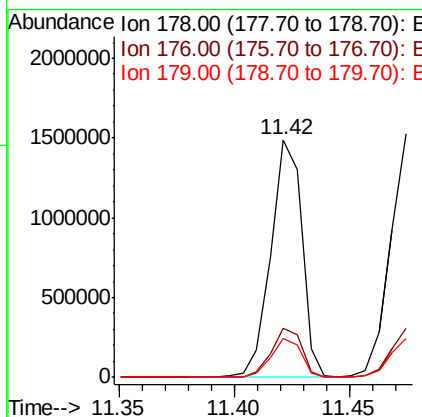
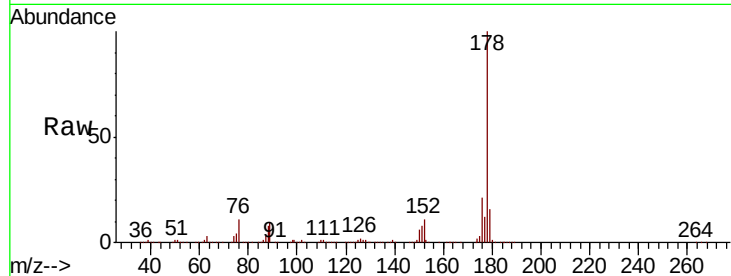
#71
Phenanthrene
Concen: 39.082 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion:178 Resp: 1389388
Ion Ratio Lower Upper
178 100
176 20.8 17.2 25.8
179 16.3 13.5 20.3

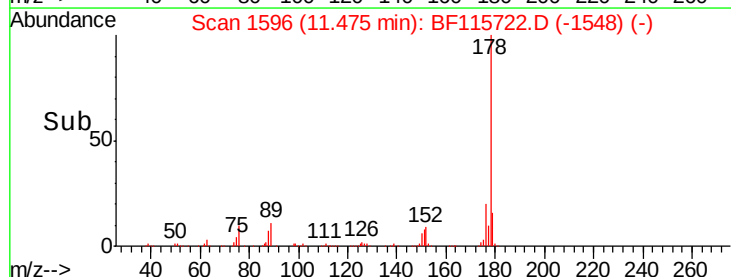
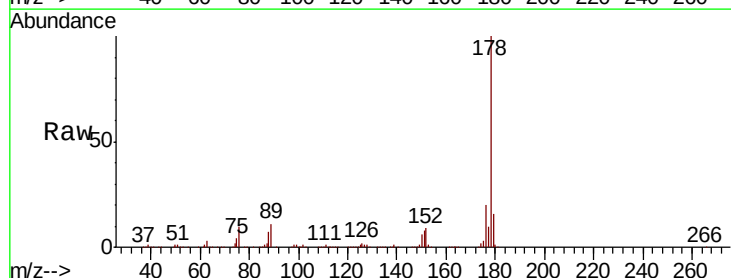
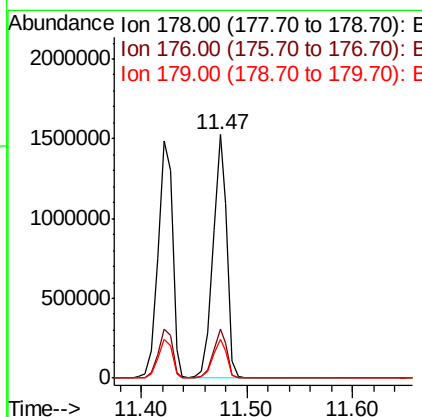
Manual Integrations
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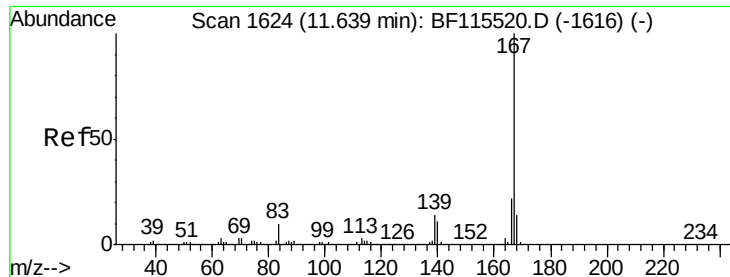
mohammad
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#72
Anthracene
Concen: 38.512 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion:178 Resp: 1414934
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.0 12.7 19.1





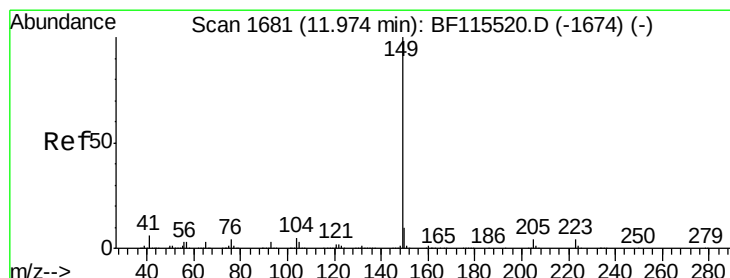
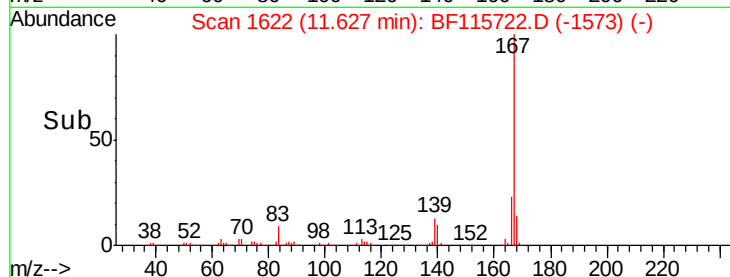
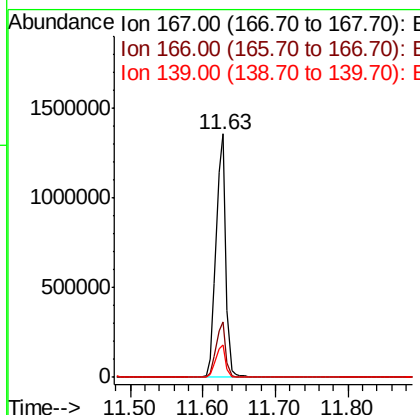
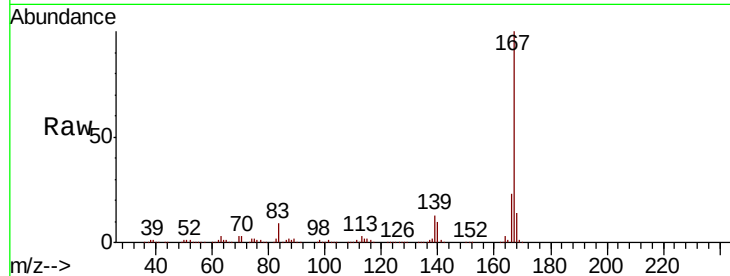
#73
 Carbazole
 Concen: 39.635 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.4	11.3	16.9

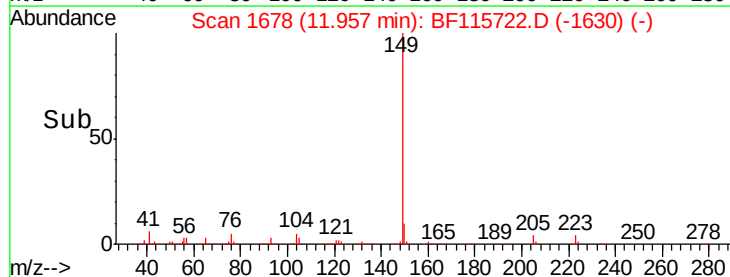
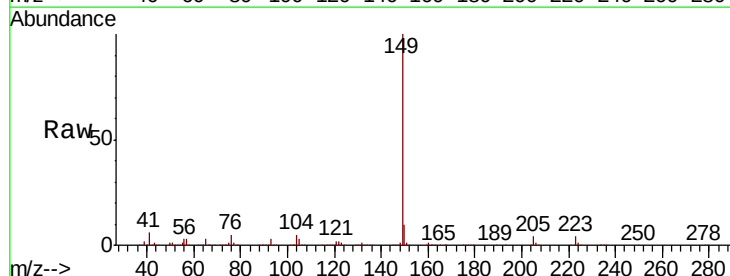
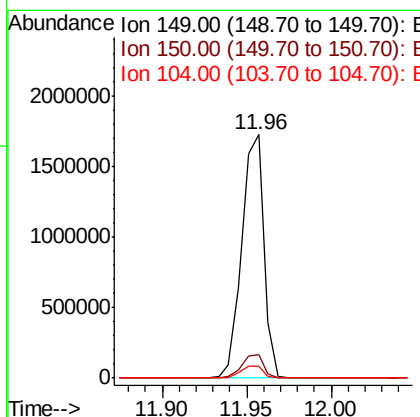
Manual Integrations
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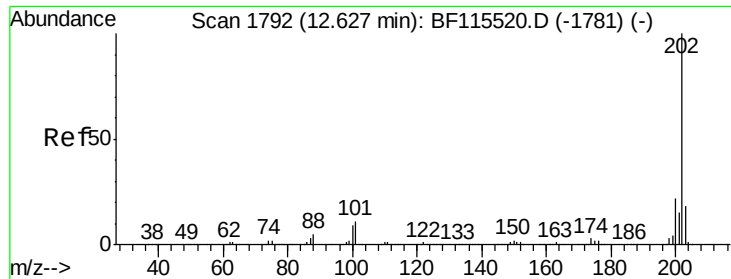
mohammad
 7/24/2019 11:34:54 AM



#74
 Di-n-butylphthalate
 Concen: 39.725 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.0	3.8	5.8





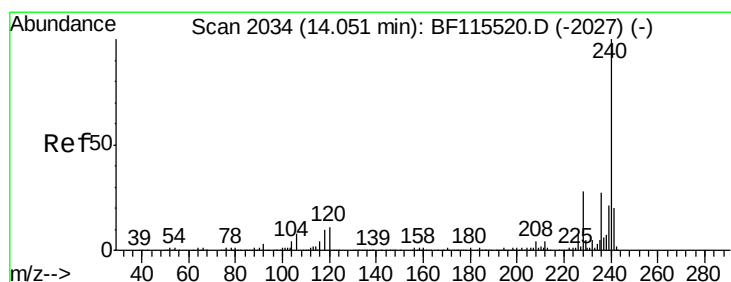
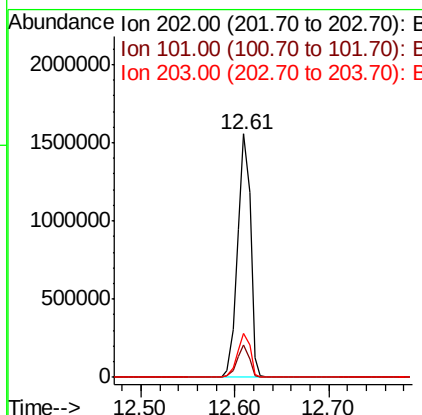
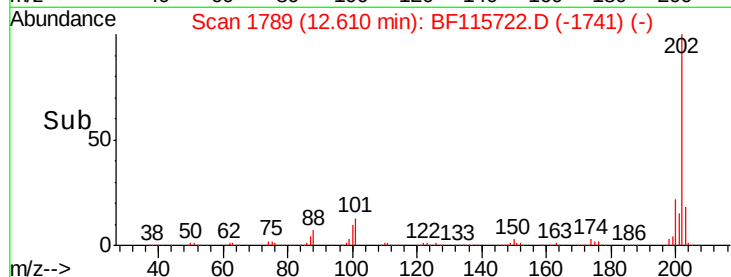
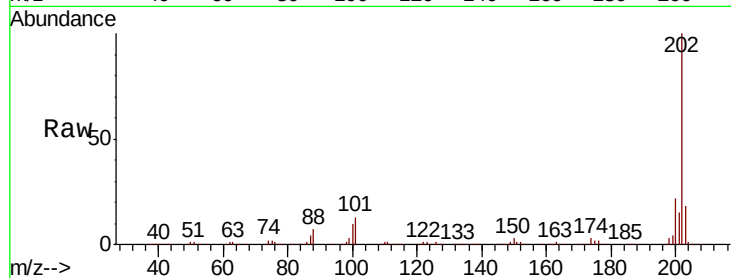
#75
Fluoranthene
Concen: 39.424 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.4
203	18.3	0.0	38.1

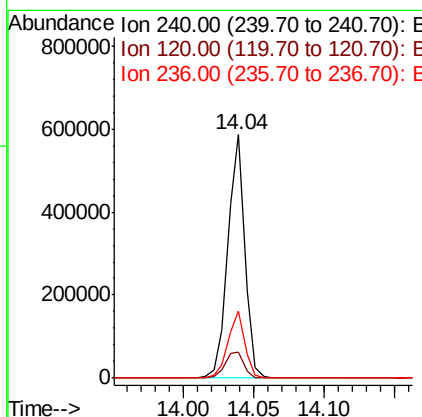
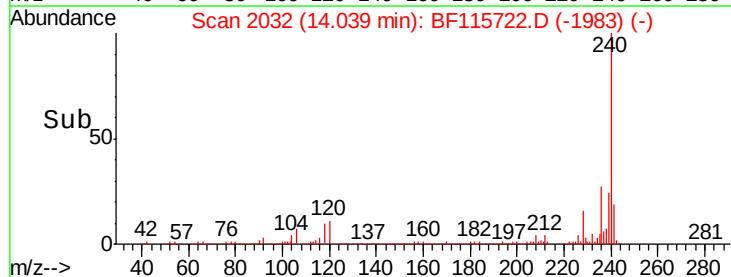
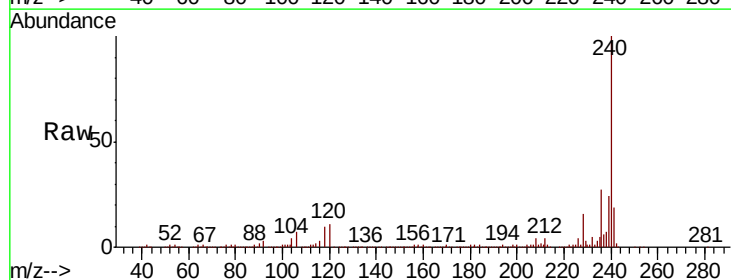
Manual Integrations
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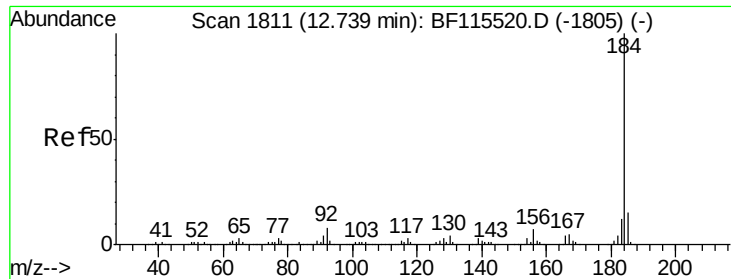
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	13.0
236	27.3	21.3	31.9





#77

Benzidine

Concen: 15.534 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

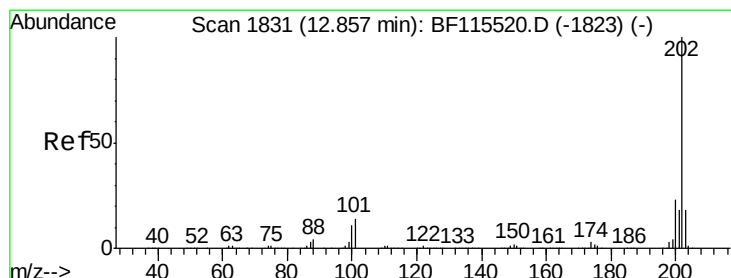
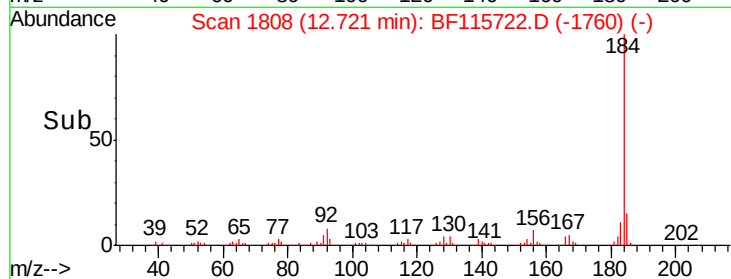
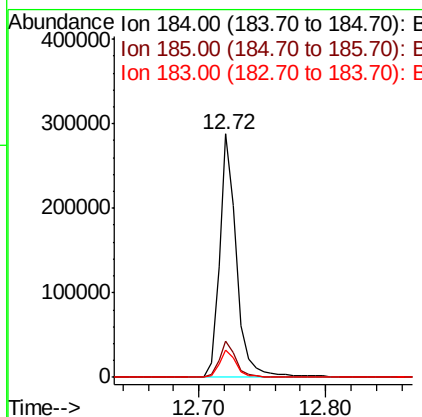
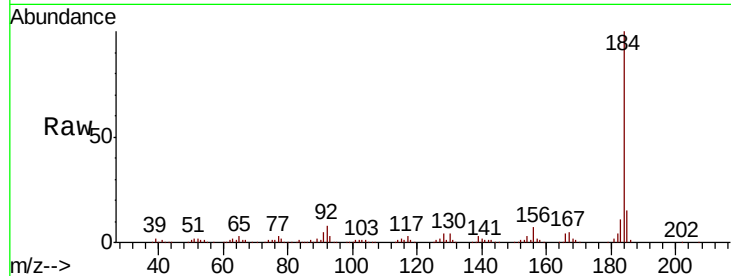
ClientSampleId :

PB121645BS

Tot Ion:	184	Resp:	269705
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.0	18.0
183	11.4	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 36.345 ng

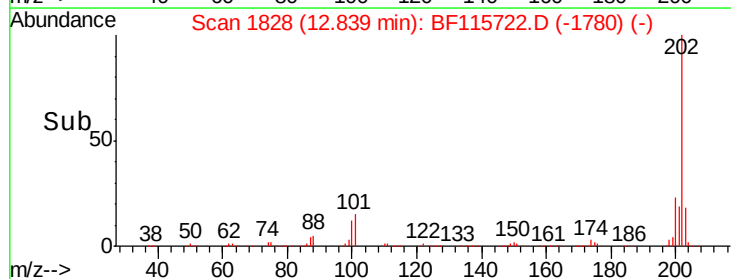
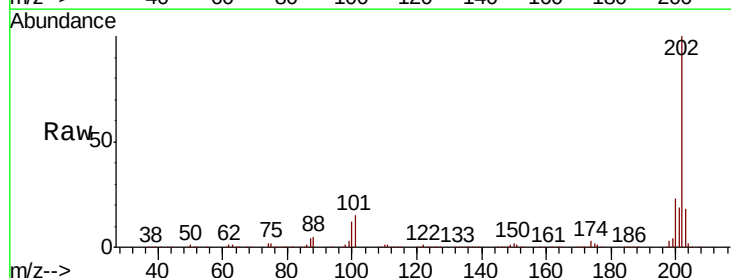
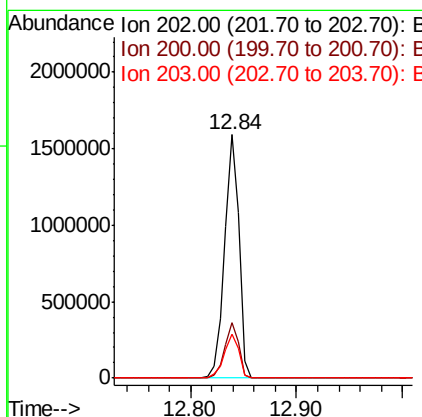
RT: 12.84 min Scan# 1828

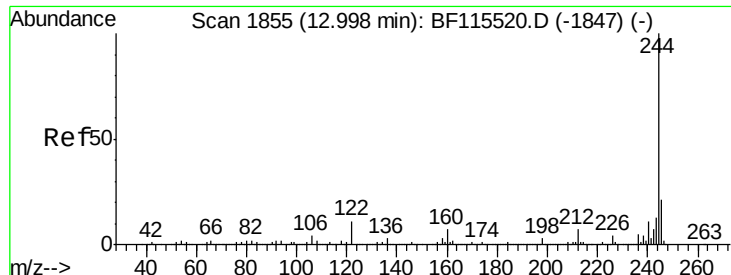
Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Tgt Ion:	202	Resp:	1509200
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.7	28.1
203	18.3	15.2	22.8





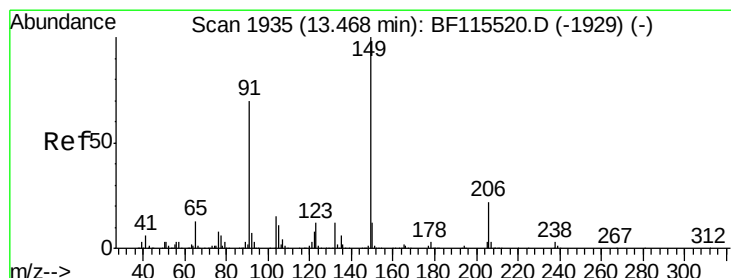
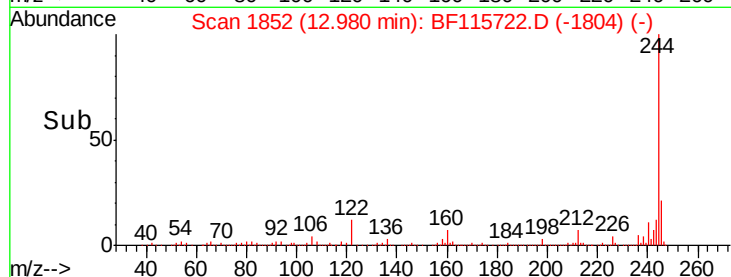
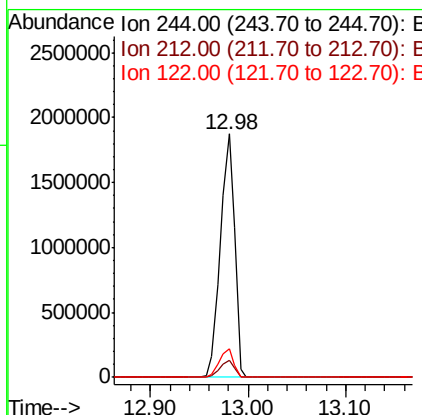
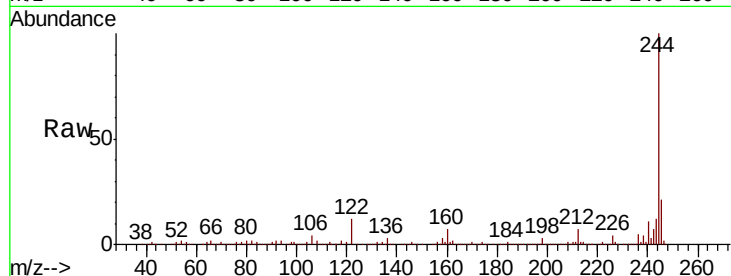
#79
 Terphenyl-d14
 Concen: 72.021 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.7	8.6	12.8

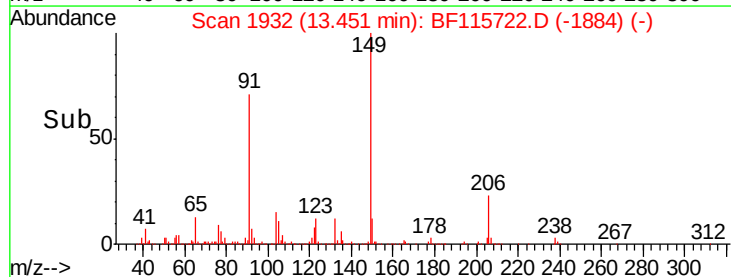
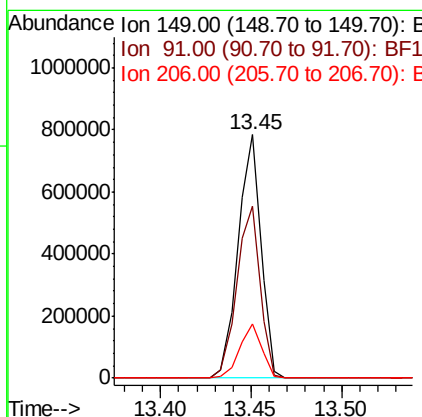
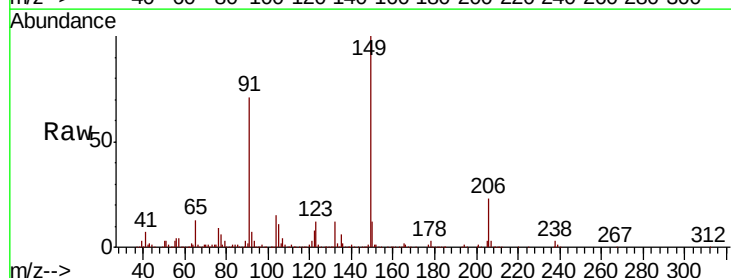
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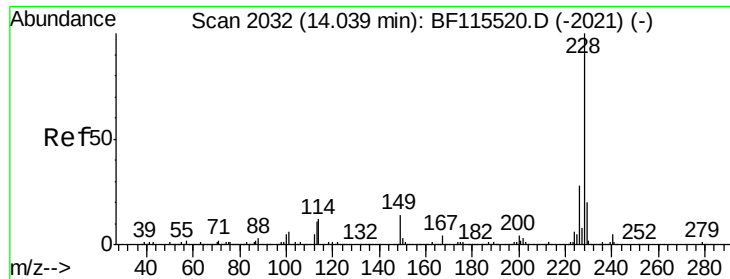
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#80
 Butylbenzylphthalate
 Concen: 38.812 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF115722.D
 Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	55.8	83.8
206	22.5	18.2	27.2





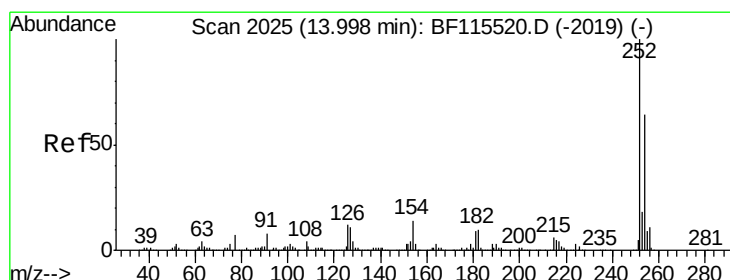
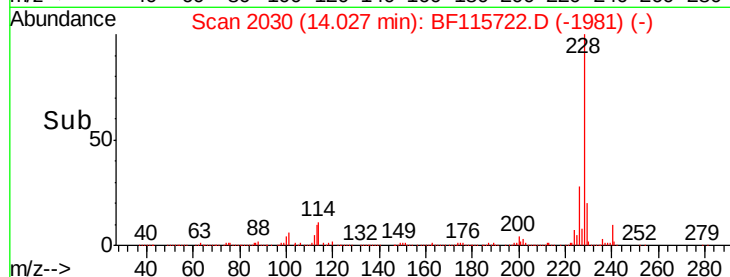
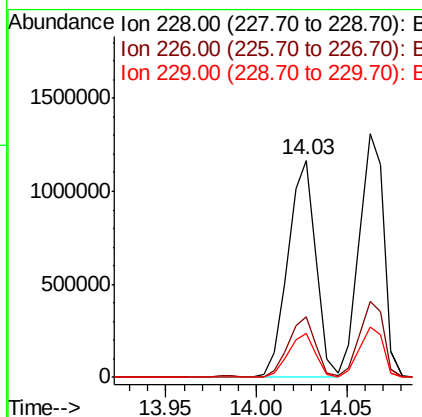
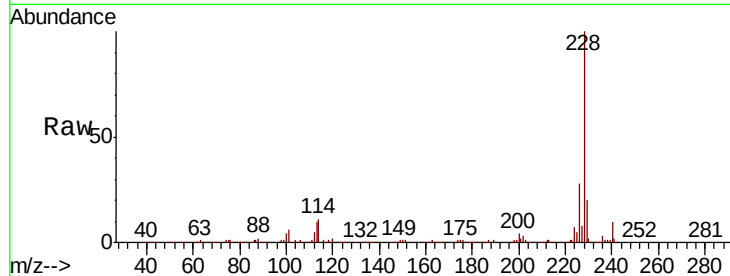
#81
Benzo(a)anthracene
Concen: 39.048 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.0
229	20.1	17.2	25.8

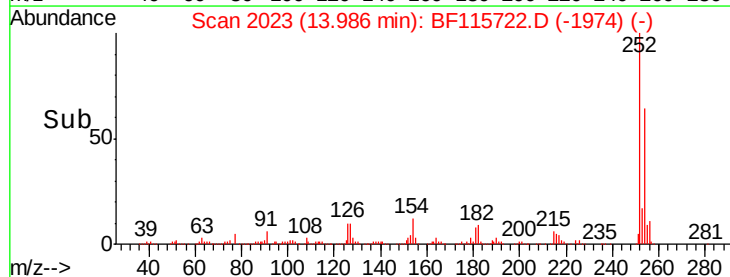
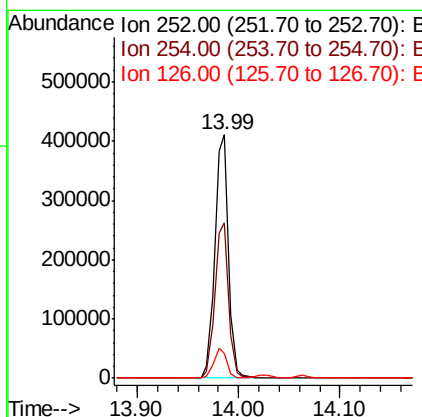
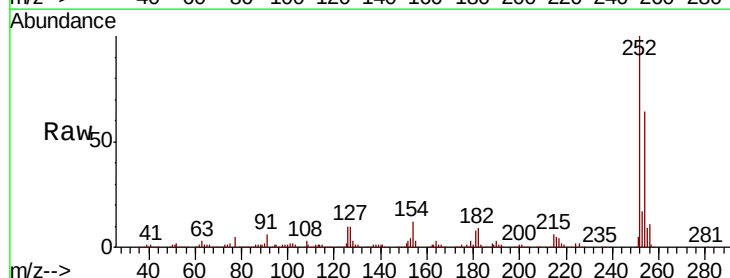
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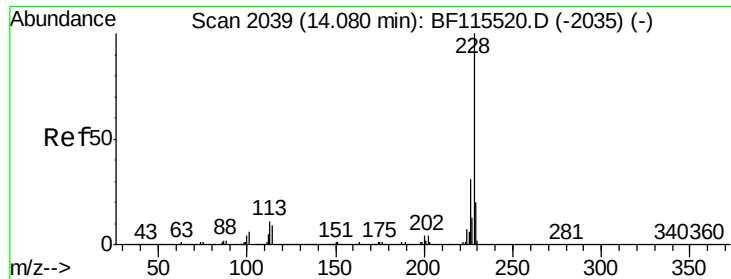
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.558 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.9	79.3
126	10.0	9.9	14.9





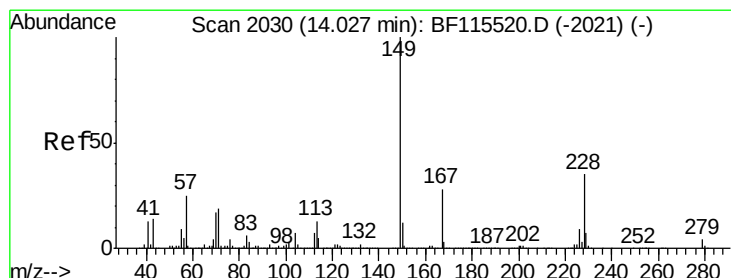
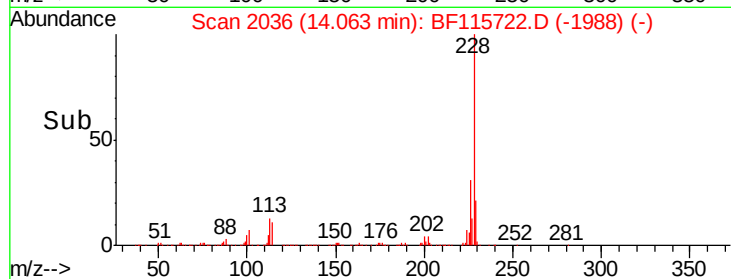
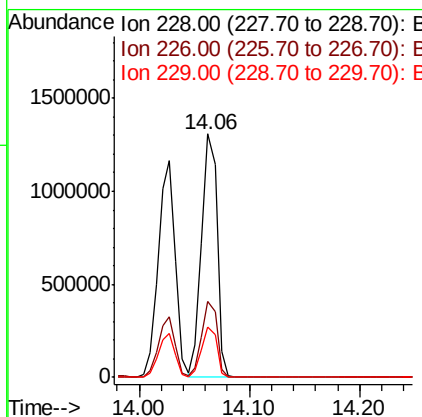
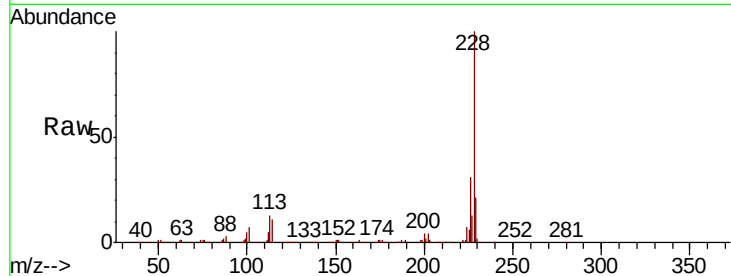
#83
Chrysene
Concen: 38.259 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.7	16.6	25.0

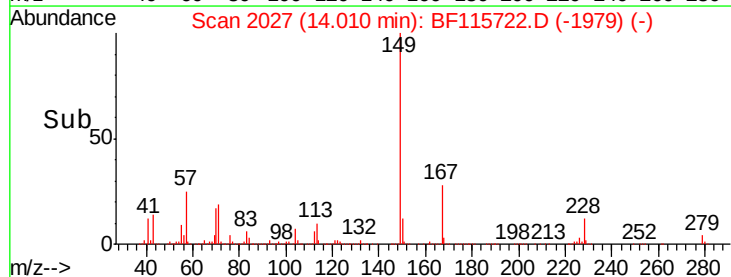
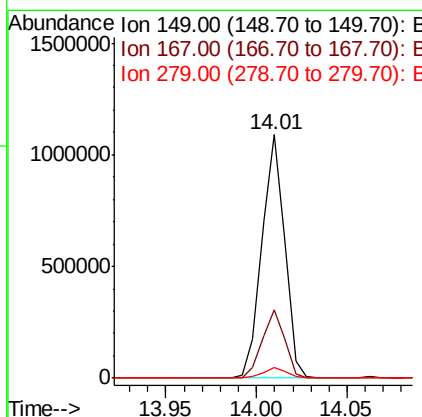
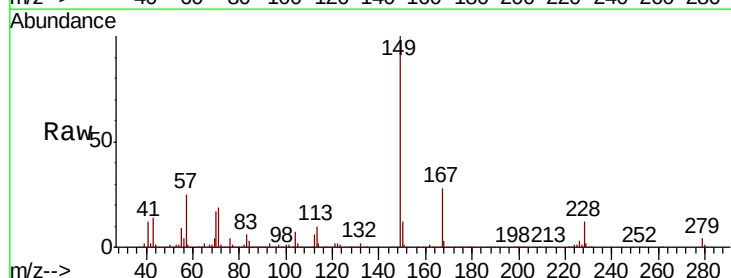
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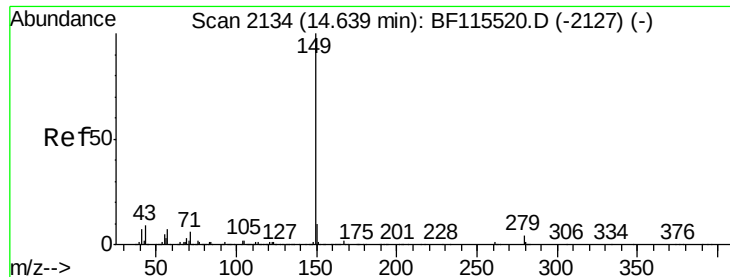
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.592 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.4
279	4.3	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 43.382 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

ClientSampleId :

PB121645BS

Tot Ion:149 Resp: 1513464

Ion Ratio Lower Upper

149 100

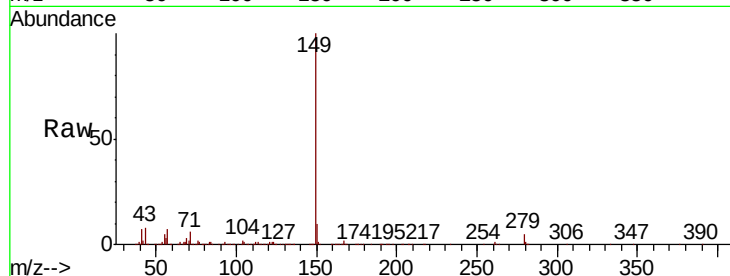
167 1.6 1.4 2.0

43 9.0 7.2 10.8

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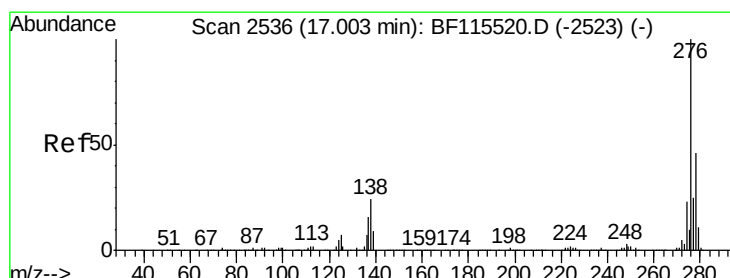
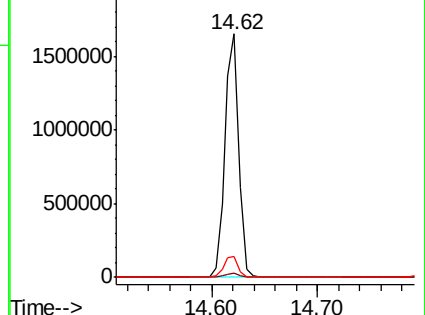
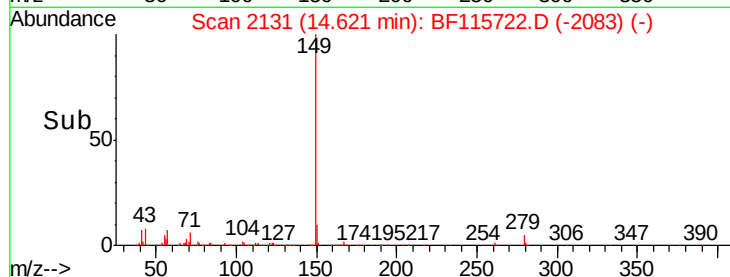
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 37.916 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

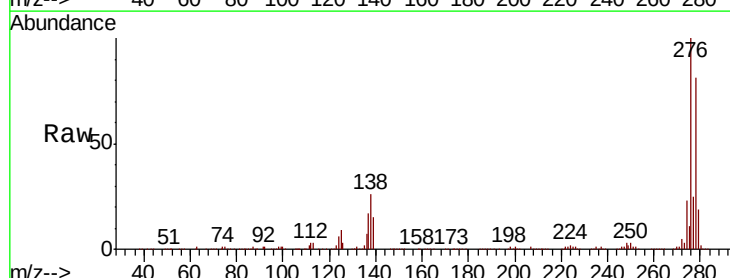
Tgt Ion:276 Resp: 1044114

Ion Ratio Lower Upper

276 100

138 25.5 20.2 30.2

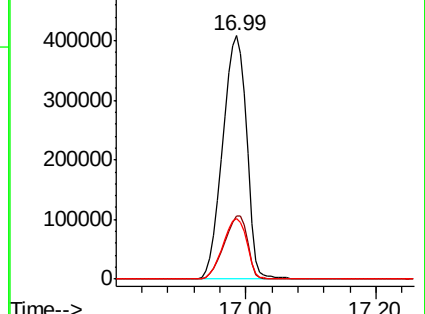
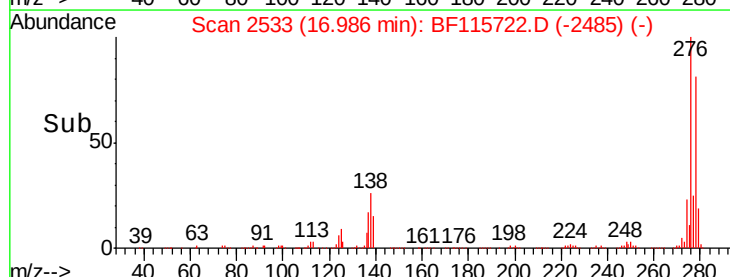
277 25.2 20.4 30.6

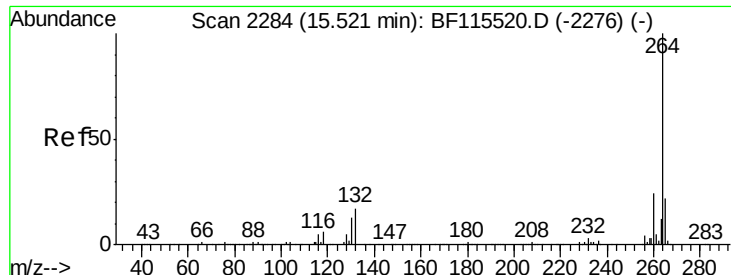


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Instrument :

BNA_F

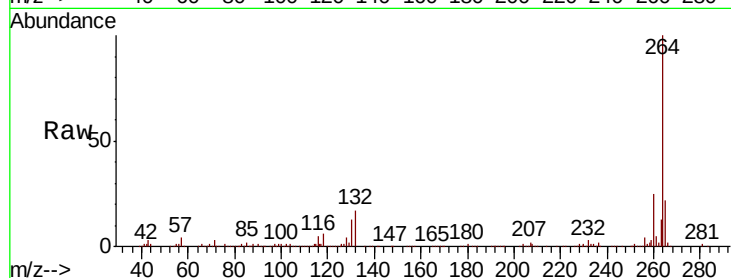
ClientSampleId :

PB121645BS

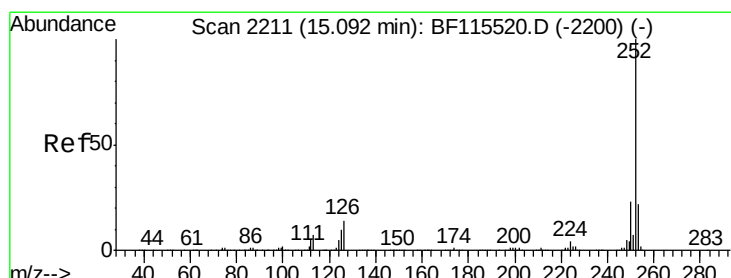
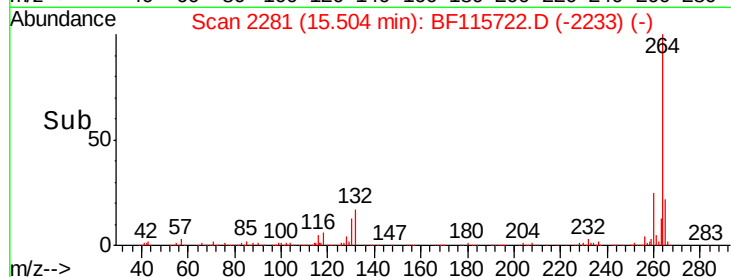
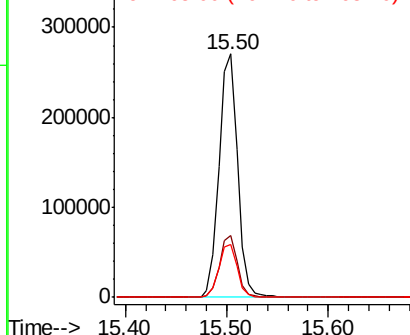
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.8
265	21.8	17.7	26.5

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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: 54.212 ng

RT: 15.07 min Scan# 2208

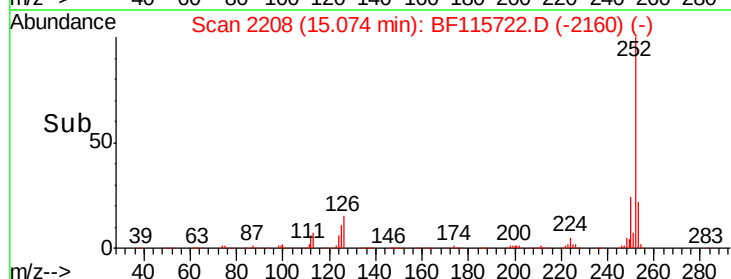
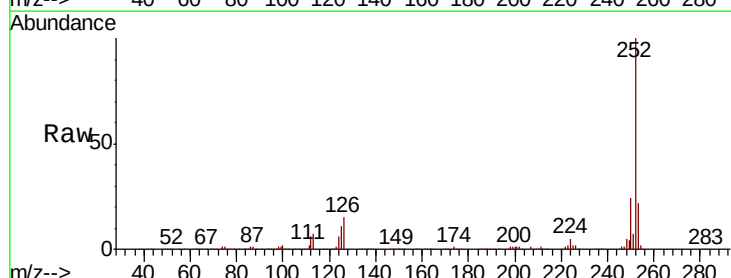
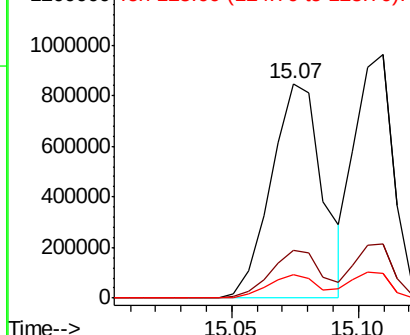
Delta R.T. -0.02 min

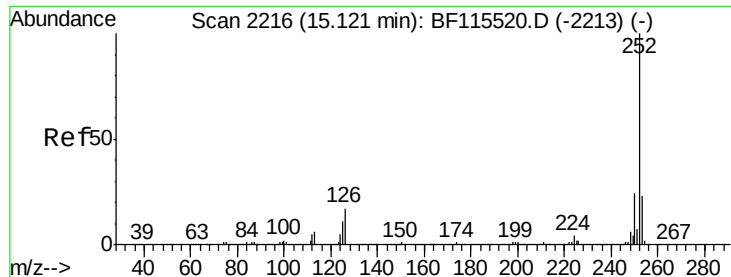
Lab File: BF115722.D

Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.2	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





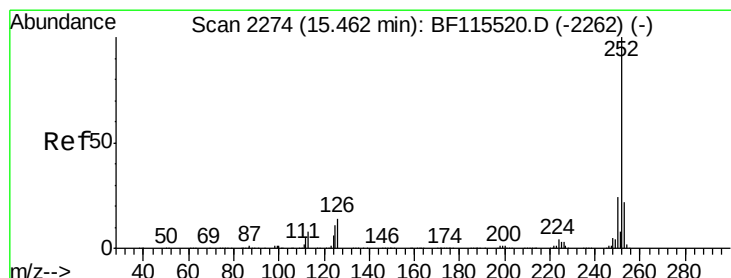
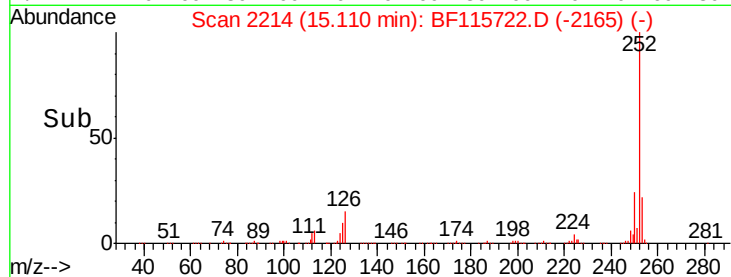
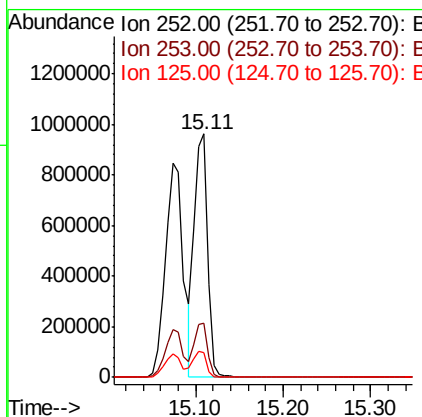
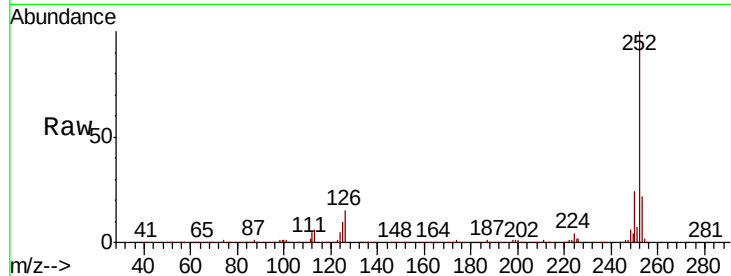
#89
Benzo(k)fluoranthene
Concen: 51.955 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion:252 Resp: 1026514
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 10.0 9.0 13.6

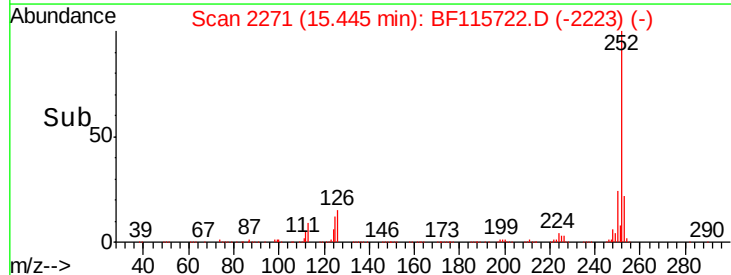
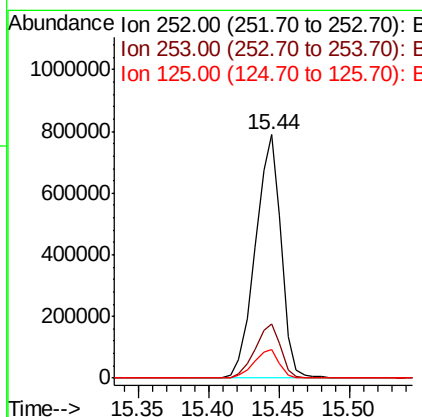
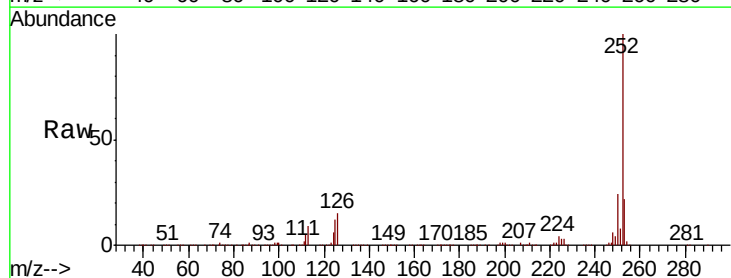
Manual Integrations
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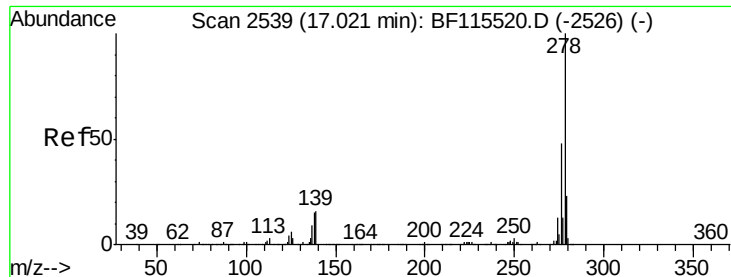
mohammad
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#90
Benzo(a)pyrene
Concen: 53.090 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion:252 Resp: 1011208
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.7 9.1 13.7





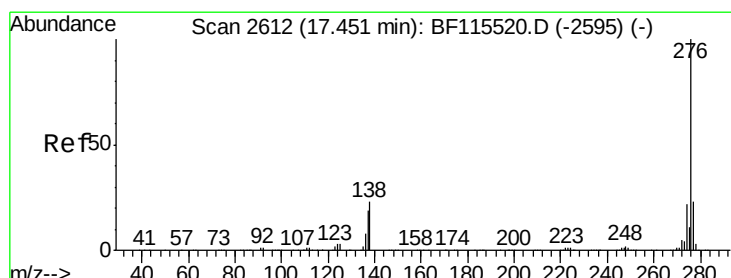
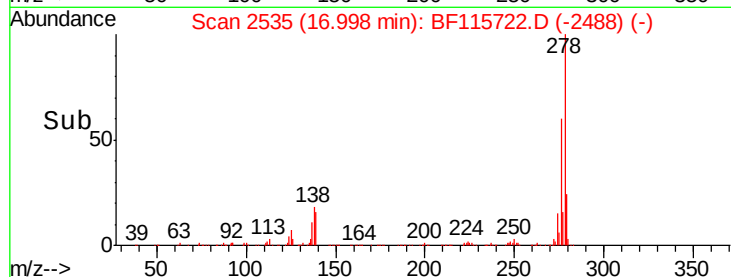
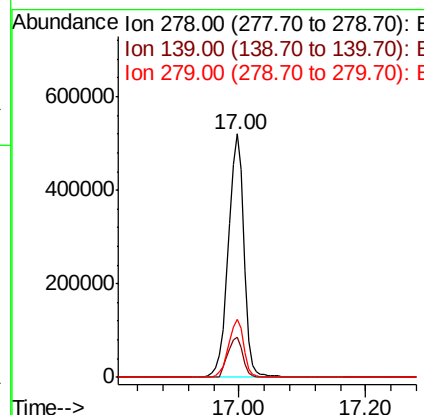
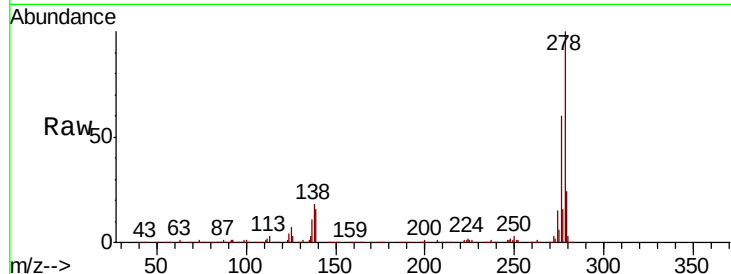
#91
Dibenzo(a,h)anthracene
Concen: 53.055 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.1	19.7
279	23.9	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/24/2019 11:34:54 AM



#92
Benzo(g,h,i)perylene
Concen: 52.712 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.02 min
Lab File: BF115722.D
Acq: 23 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	21.6	17.2	25.8

