

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115521.D
 Acq On : 12 Jul 2019 10:54
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 12:35:23 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 12:28:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184739	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	765331	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	370780	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	691173	20.00	ng	0.00
76) Chrysene-d12	14.05	240	416362	20.00	ng	0.00
87) Perylene-d12	15.52	264	367922	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1125799	94.15	ng	0.00
7) Phenol-d6	6.52	99	1435698	94.41	ng	0.00
23) Nitrobenzene-d5	7.46	82	1319646	101.88	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	426629	104.07	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2187307	103.52	ng	0.00
79) Terphenyl-d14	13.00	244	2198107	108.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.71	88	281335	47.969	ng	100
3) Pyridine	3.46	79	767703	47.338	ng	99
4) n-Nitrosodimethylamine	3.42	42	278956	42.418	ng	98
6) Aniline	6.55	93	1009981	47.065	ng	100
8) 2-Chlorophenol	6.67	128	655855	48.577	ng	97
9) Benzaldehyde	6.43	77	390970	40.368	ng	100
10) Phenol	6.53	94	841258	46.237	ng	95
11) bis(2-Chloroethyl)ether	6.63	93	631041	46.752	ng	98
12) 1,3-Dichlorobenzene	6.83	146	726761	49.133	ng	96
13) 1,4-Dichlorobenzene	6.90	146	735990	49.674	ng	99
14) 1,2-Dichlorobenzene	7.06	146	662904	48.325	ng	99
15) Benzyl Alcohol	7.03	79	586763	48.085	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	840646	44.542	ng	100
17) 2-Methylphenol	7.14	107	570798	49.349	ng	99
18) Hexachloroethane	7.40	117	272603	49.389	ng	100
19) n-Nitroso-di-n-propylamine	7.31	70	465165	45.214	ng	99
20) 3+4-Methylphenols	7.29	107	638802	46.755	ng	93
22) Acetophenone	7.30	105	853030	46.515	ng	# 92
24) Nitrobenzene	7.47	77	717367	49.037	ng	96
25) Isophorone	7.72	82	1309273	46.632	ng	98
26) 2-Nitrophenol	7.79	139	375927	62.505	ng	95
27) 2,4-Dimethylphenol	7.82	122	555797	48.464	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	807906	46.664	ng	99
29) 2,4-Dichlorophenol	8.03	162	575687	50.399	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	645370	50.751	ng	99
31) Naphthalene	8.19	128	1831340	48.175	ng	99
32) Benzoic acid	7.96	122	474772	60.586	ng	96
33) 4-Chloroaniline	8.24	127	817652	48.208	ng	98
34) Hexachlorobutadiene	8.32	225	367892	51.014	ng	99
35) Caprolactam	8.63	113	175659	47.217	ng	91
36) 4-Chloro-3-methylphenol	8.72	107	580482	48.045	ng	98
37) 2-Methylnaphthalene	8.89	142	1209314	47.594	ng	98
38) 1-Methylnaphthalene	8.99	142	1155291	47.654	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	563653	52.842	ng	100

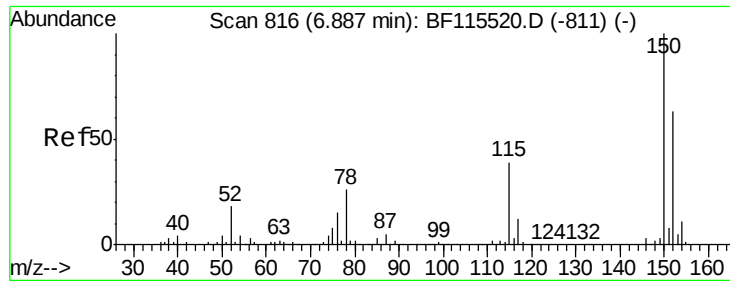
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
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 QLast Update : Fri Jul 12 12:28:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	329279	53.261	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	417632	53.779	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	416225	51.689	ng	96
46) 1,1'-Biphenyl	9.35	154	1439438	49.382	ng	99
47) 2-Chloronaphthalene	9.37	162	1203977	49.976	ng	100
48) 2-Nitroaniline	9.46	65	375926	53.112	ng	98
49) Acenaphthylene	9.79	152	1765963	48.416	ng	99
50) Dimethylphthalate	9.65	163	1361343	48.917	ng	99
51) 2,6-Dinitrotoluene	9.71	165	315275	52.236	ng	95
52) Acenaphthene	9.96	154	1143665	49.821	ng	99
53) 3-Nitroaniline	9.88	138	362946	51.775	ng	94
54) 2,4-Dinitrophenol	9.98	184	170994	80.965	ng	# 91
55) Dibenzofuran	10.13	168	1571763	48.606	ng	99
56) 4-Nitrophenol	10.03	139	278219	51.298	ng	94
57) 2,4-Dinitrotoluene	10.12	165	417718	54.458	ng	91
58) Fluorene	10.48	166	1141053	44.763	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	349019	50.173	ng	99
60) Diethylphthalate	10.35	149	1289228	47.065	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	595374	47.854	ng	97
62) 4-Nitroaniline	10.49	138	350606	50.953	ng	95
63) Azobenzene	10.63	77	1266866	44.866	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	222229	74.010	ng	90
66) n-Nitrosodiphenylamine	10.59	169	1065434	48.923	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	391849	50.525	ng	97
68) Hexachlorobenzene	11.03	284	451856	51.922	ng	98
69) Atrazine	11.11	200	321346	47.680	ng	99
70) Pentachlorophenol	11.22	266	285576	53.845	ng	98
71) Phenanthrene	11.44	178	1723489	47.413	ng	99
72) Anthracene	11.49	178	1724332	47.305	ng	100
73) Carbazole	11.64	167	1582794	47.464	ng	100
74) Di-n-butylphthalate	11.97	149	1864157	46.255	ng	99
75) Fluoranthene	12.63	202	1754455	45.839	ng	99
77) Benzidine	12.74	184	653057	40.221	ng	98
78) Pyrene	12.86	202	1736620	53.635	ng	99
80) Butylbenzylphthalate	13.47	149	760582	53.764	ng	99
81) Benzo(a)anthracene	14.04	228	1348173	50.535	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	488207	50.434	ng	98
83) Chrysene	14.08	228	1363313	49.736	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	938021	53.542	ng	100
85) Di-n-octyl phthalate	14.64	149	1488080	47.713	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1127259	47.518	ng	100
88) Benzo(b)fluoranthene	15.09	252	1137359	47.479	ng	99
89) Benzo(k)fluoranthene	15.12	252	1125257	52.819	ng	99
90) Benzo(a)pyrene	15.46	252	1026295	49.672	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	910237	51.555	ng	98
92) Benzo(g,h,i)perylene	17.46	276	912649	54.613	ng	99

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

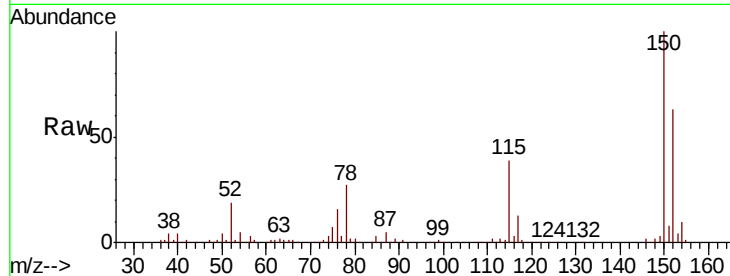


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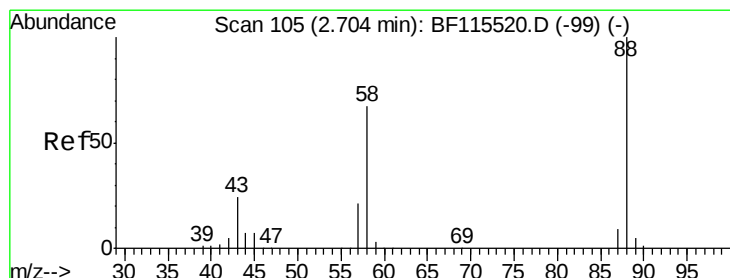
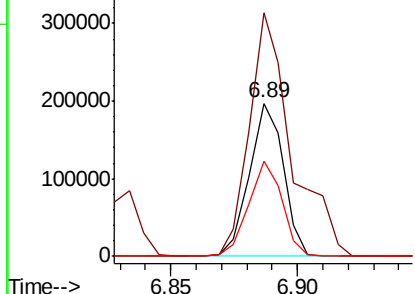
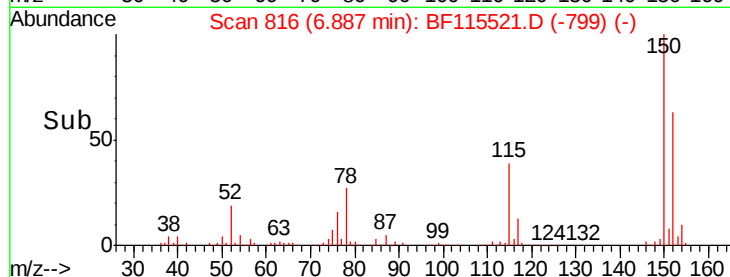
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 184739
Ion Ratio Lower Upper
152 100
150 158.9 126.4 189.6
115 62.2 49.6 74.4



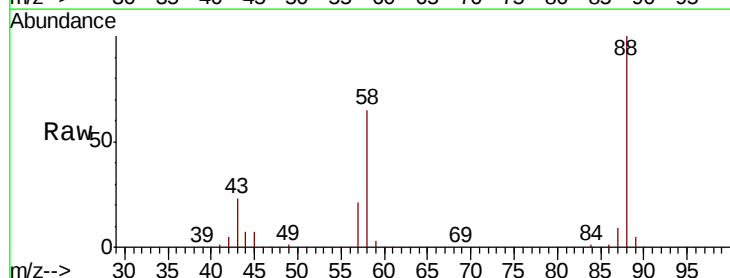
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



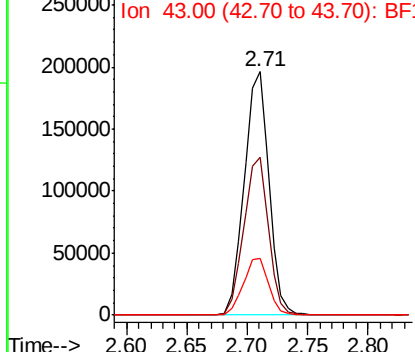
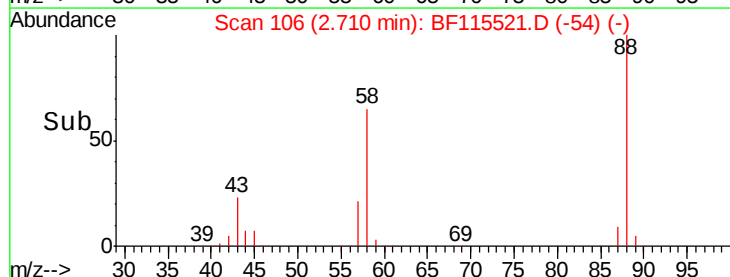
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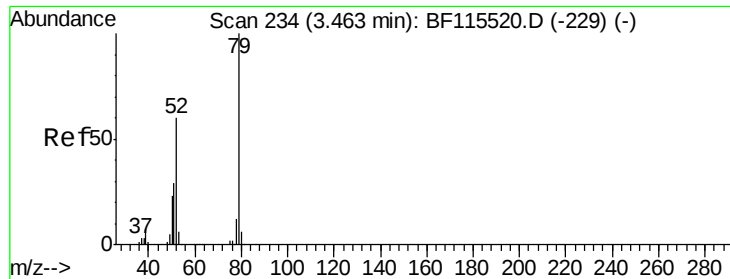
1,4-Dioxane
Concen: 47.969 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion: 88 Resp: 281335
Ion Ratio Lower Upper
88 100
58 64.9 52.2 78.4
43 23.8 19.0 28.4



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

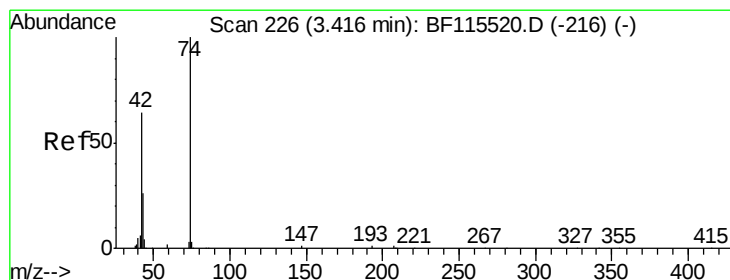
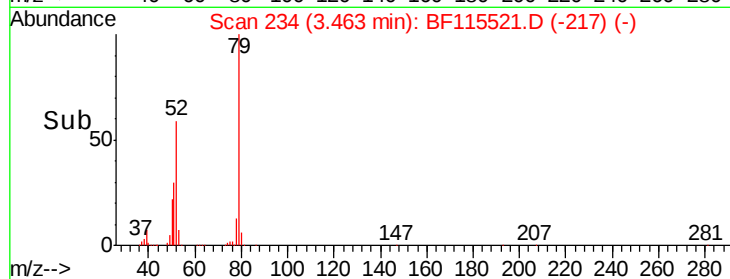
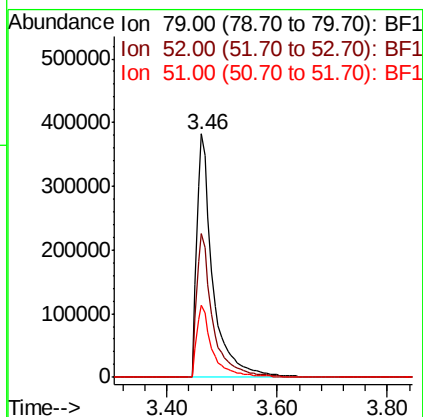
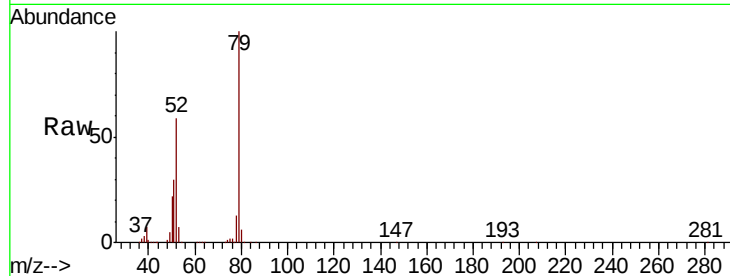




#3
 Pvridine
 Concen: 47.338 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

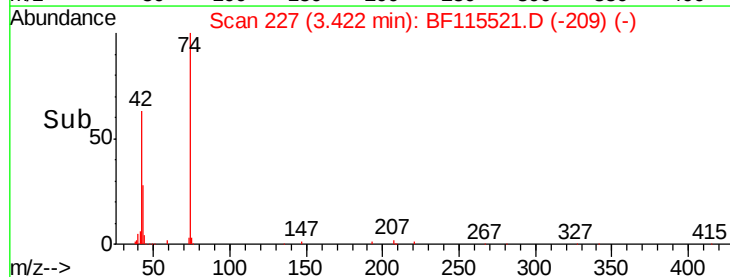
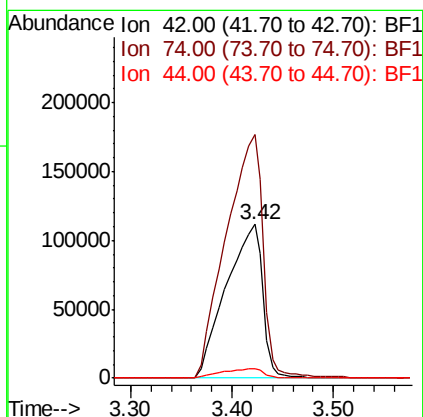
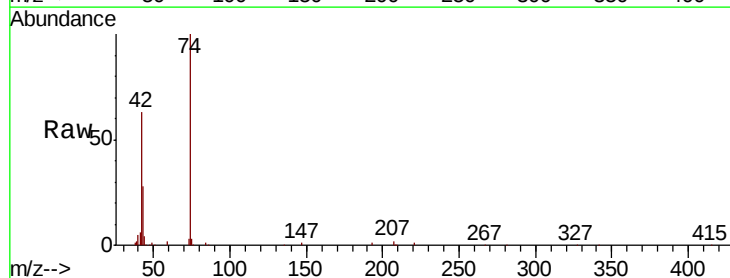
Instrument :
 BNA_F
 ClientSampled :

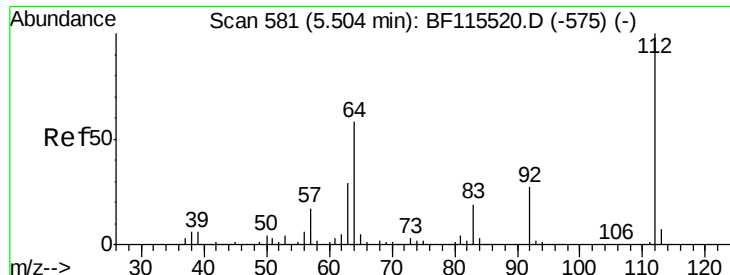
Tot Ion: 79 Resp: 767703
 Ion Ratio Lower Upper
 79 100
 52 59.2 47.6 71.4
 51 29.9 23.4 35.0



#4
 n-Nitrosodimethylamine
 Concen: 42.418 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.01 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion: 42 Resp: 278956
 Ion Ratio Lower Upper
 42 100
 74 158.1 124.8 187.2
 44 6.4 5.6 8.4





#5

2-Fluorophenol

Concen: 94.154 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

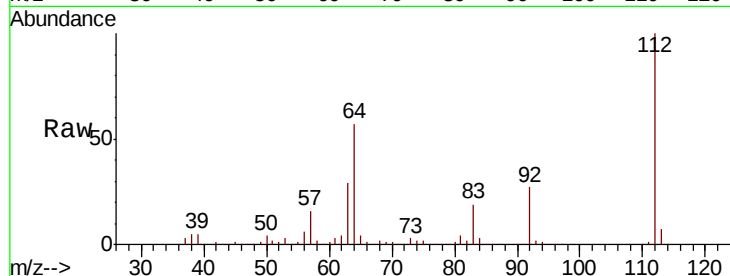
Instrument :

BNA_F

ClientSampled :

Tot Ion: 112 Resp: 1125799

Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.2	69.4
63	29.0	23.4	35.2

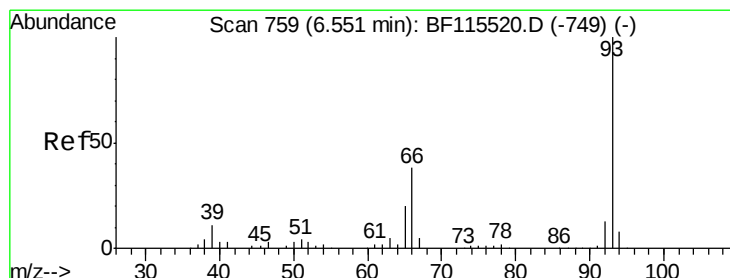
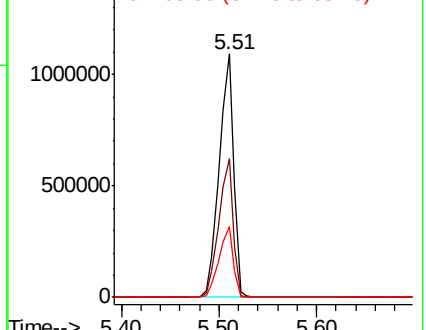
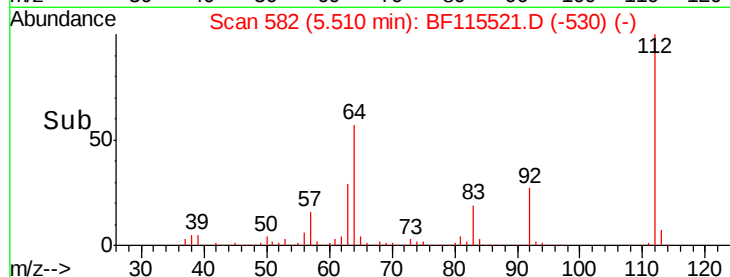


Abundance

Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 47.065 ng

RT: 6.55 min Scan# 759

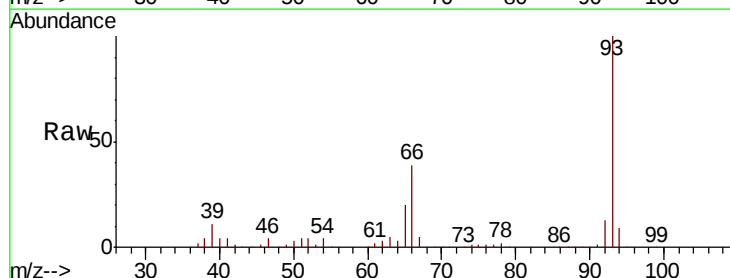
Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Tgt Ion: 93 Resp: 1009981

Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.2	46.8
65	19.7	15.8	23.8

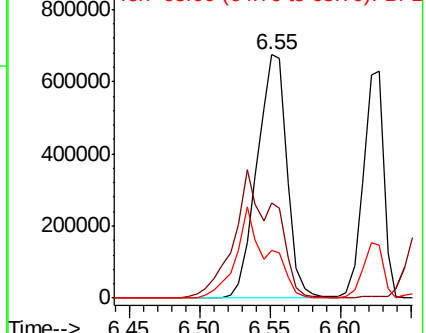
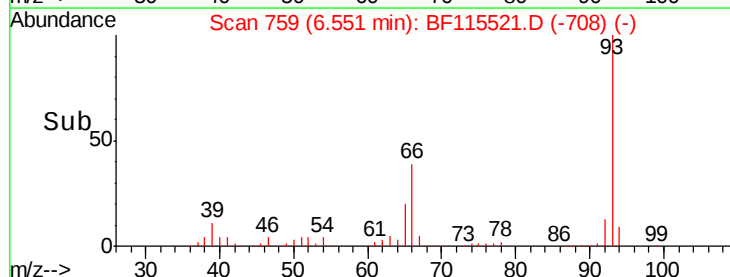


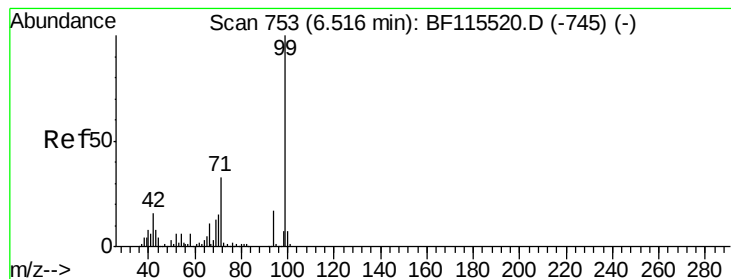
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.412 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampled :

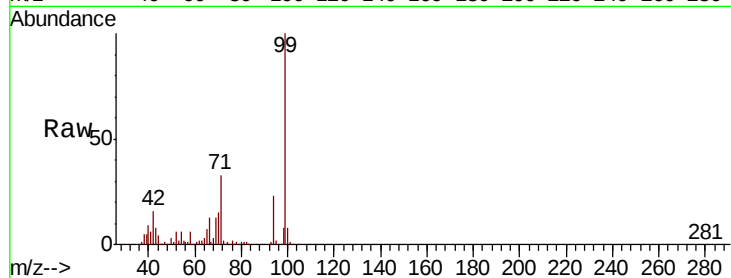
Tot Ion: 99 Resp: 1435698

Ion Ratio Lower Upper

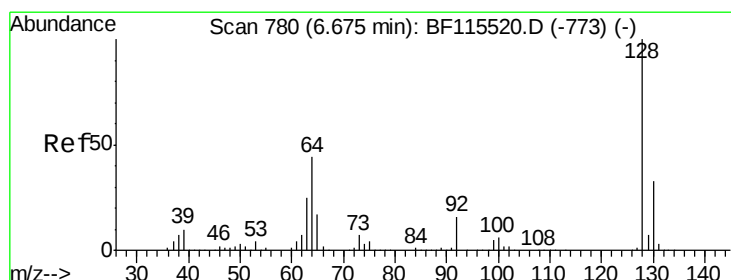
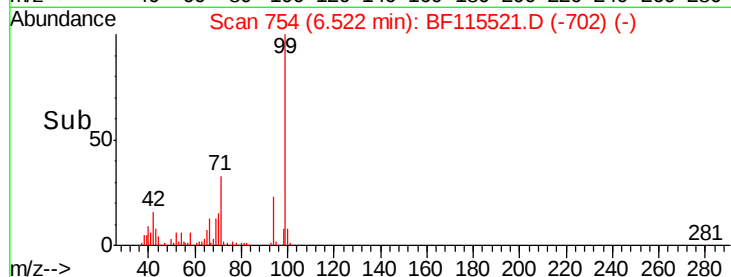
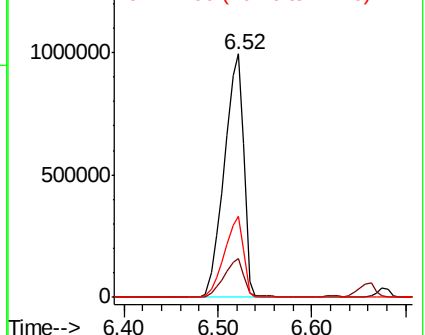
99 100

42 16.0 12.6 18.8

71 33.5 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.577 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

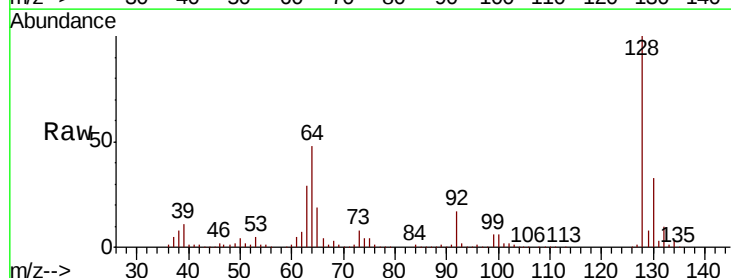
Tgt Ion: 128 Resp: 655855

Ion Ratio Lower Upper

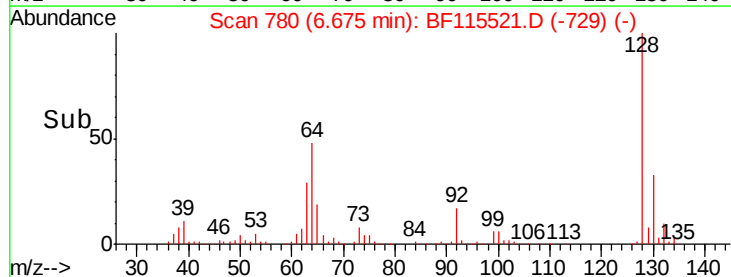
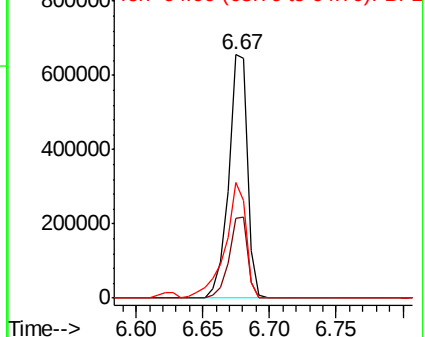
128 100

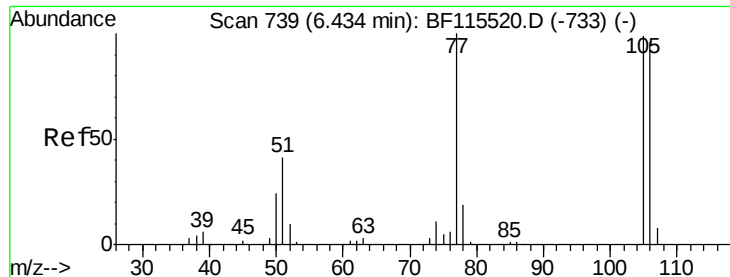
130 32.6 12.8 52.8

64 47.5 23.9 63.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

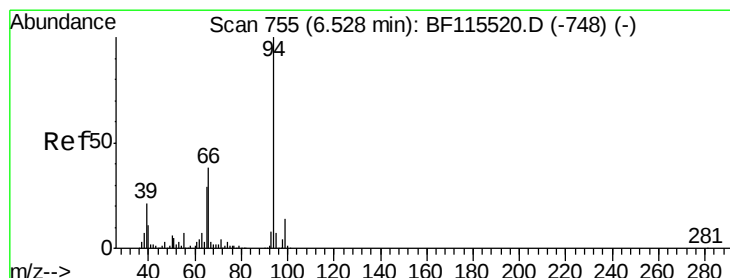
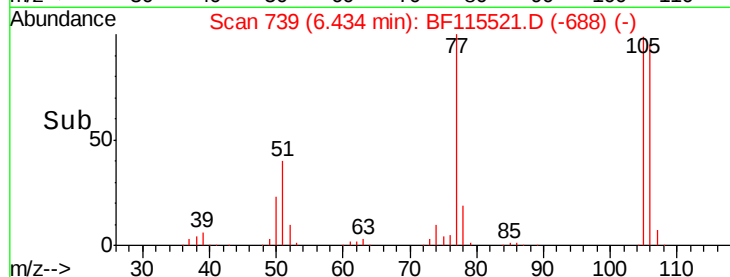
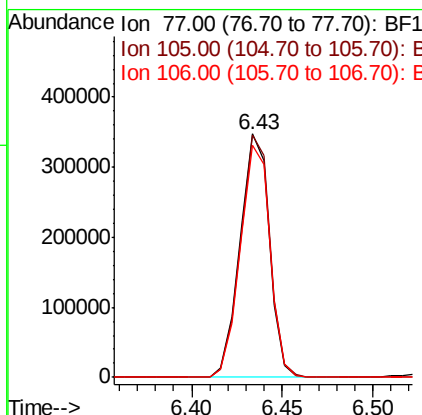
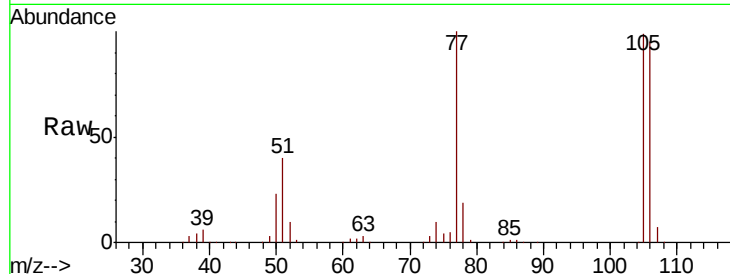




#9
Benzaldehyde
Concen: 40.368 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

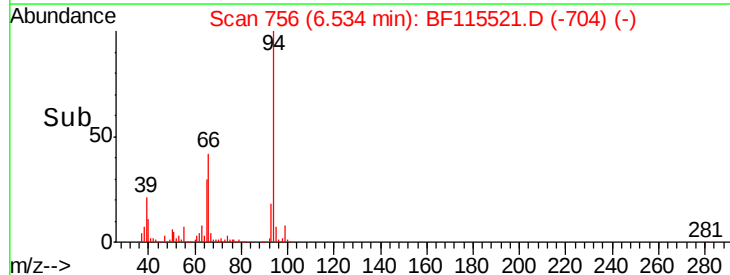
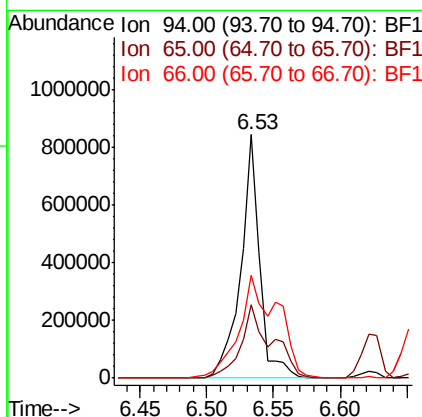
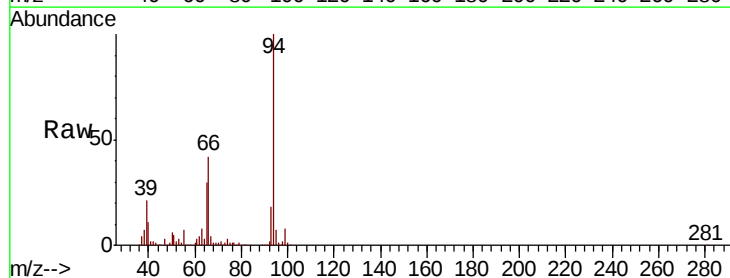
Instrument :
BNA_F
ClientSampleId :

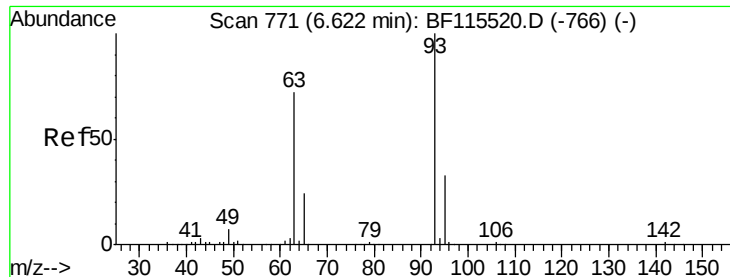
Tot Ion	Ratio	Lower	Upper
77	100		
105	99.3	78.8	118.8
106	95.4	75.6	115.6



#10
Phenol
Concen: 46.237 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	8.6	48.6
66	42.3	18.7	58.7



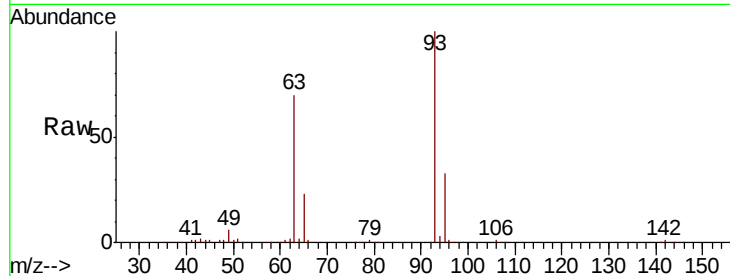


#11

bis(2-Chloroethyl)ether
Concen: 46.752 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	93	Resp	631041
Ion	Ratio	Lower	Upper
93	100		
63	69.8	52.0	92.0
95	33.4	13.1	53.1

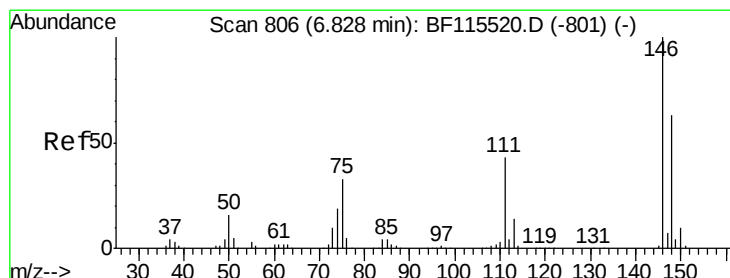
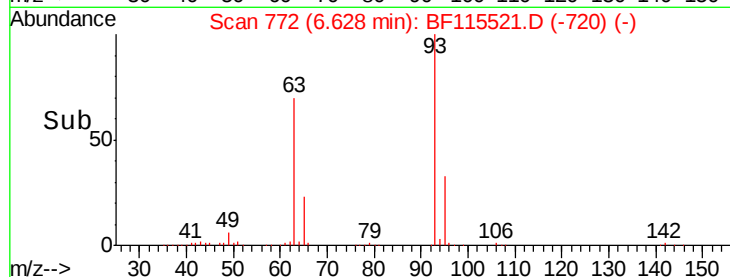
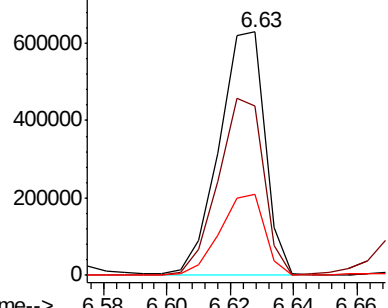


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

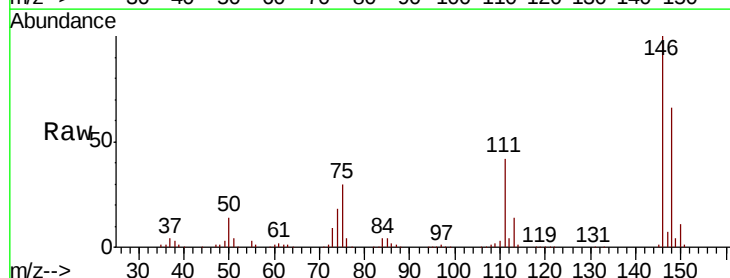
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene
Concen: 49.133 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion	146	Resp	726761
Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.6	76.0
75	29.9	26.1	39.1

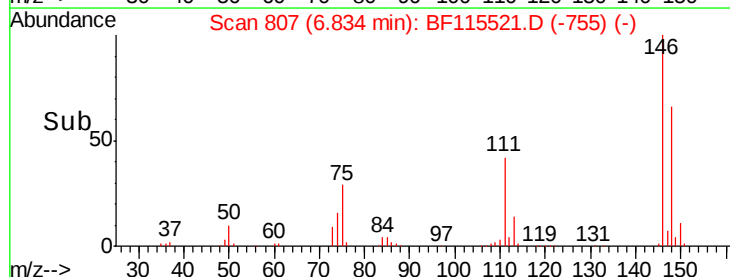
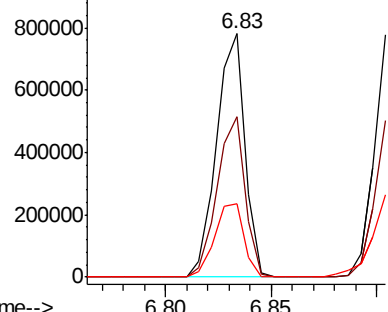


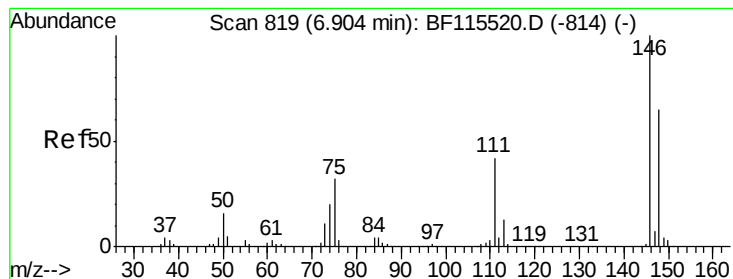
Abundance

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: 49.674 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

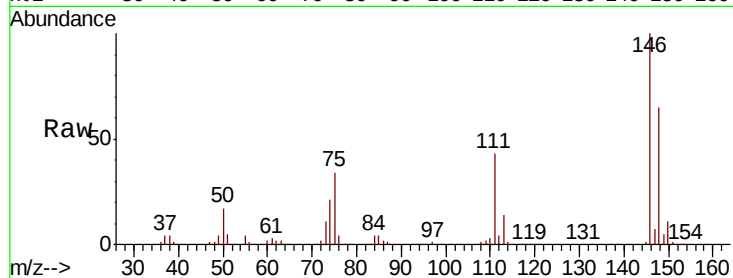
Tot Ion:146 Resp: 735990

Ion Ratio Lower Upper

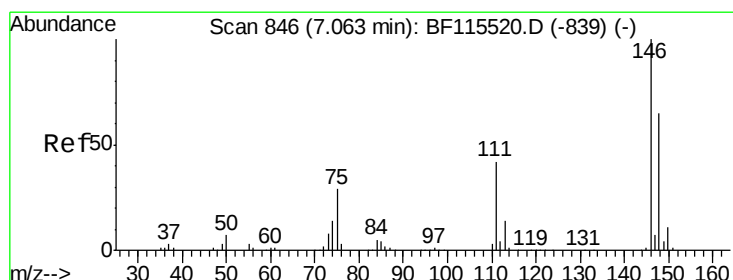
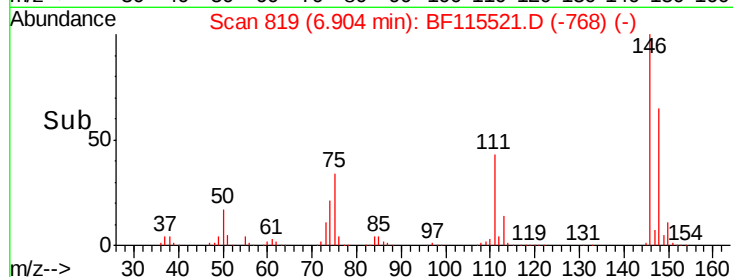
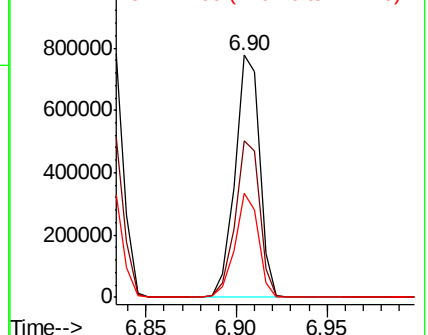
146 100

148 64.8 51.8 77.8

111 43.1 33.6 50.4



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



#14

1,2-Dichlorobenzene

Concen: 48.325 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

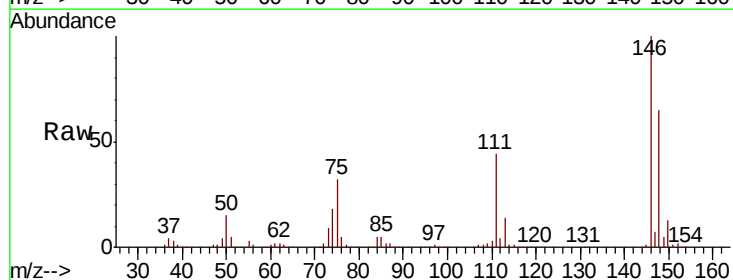
Tgt Ion:146 Resp: 662904

Ion Ratio Lower Upper

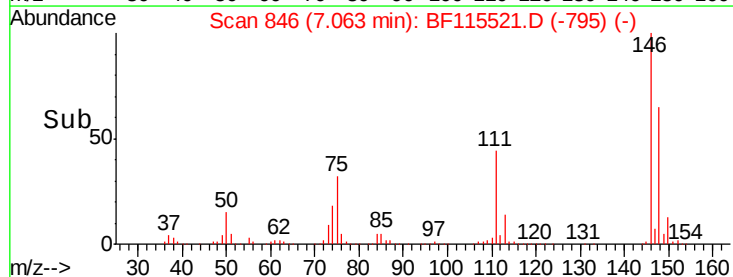
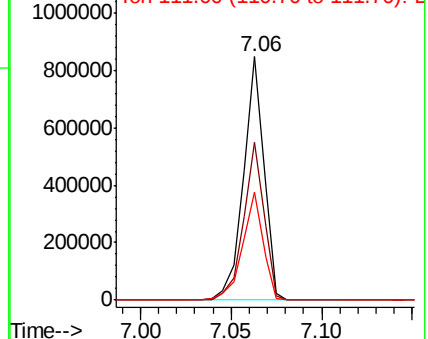
146 100

148 64.9 52.1 78.1

111 44.3 33.8 50.8



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





#15

Benzyl Alcohol

Concen: 48.085 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

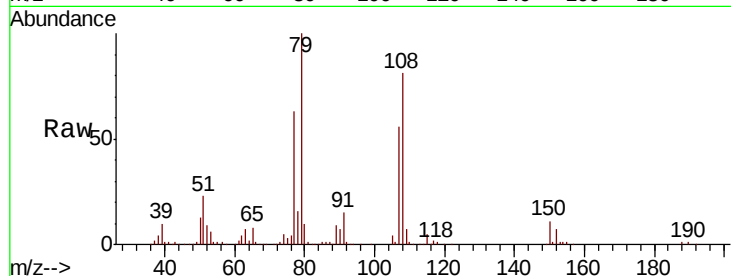
Tot Ion: 79 Resp: 586763

Ion Ratio Lower Upper

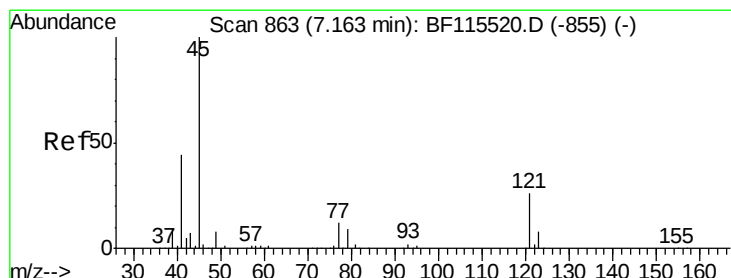
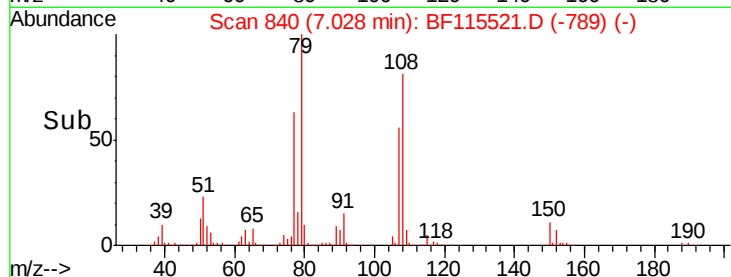
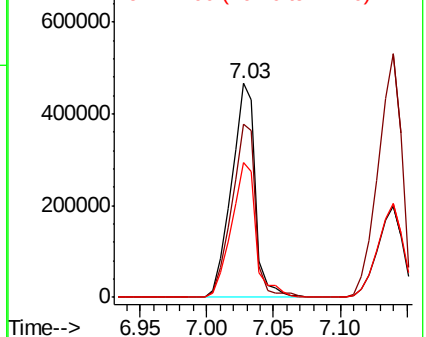
79 100

108 80.8 65.3 97.9

77 62.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.542 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

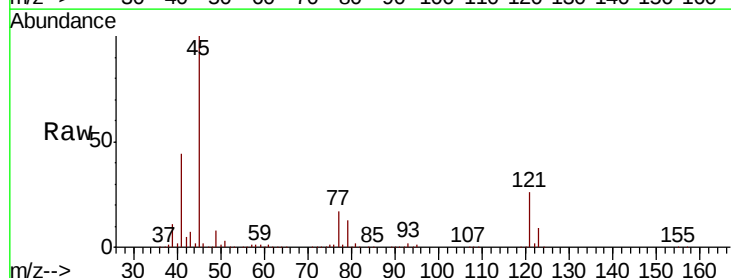
Tgt Ion: 45 Resp: 840646

Ion Ratio Lower Upper

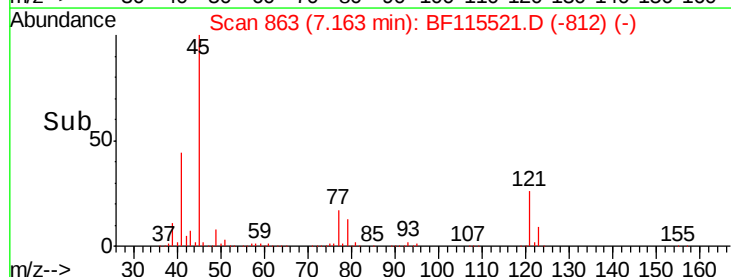
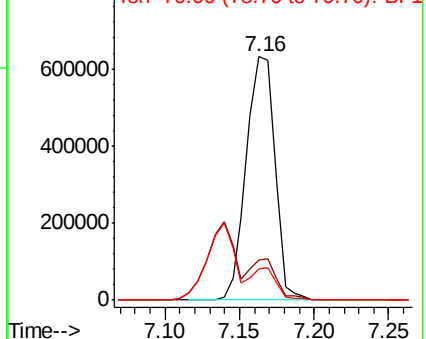
45 100

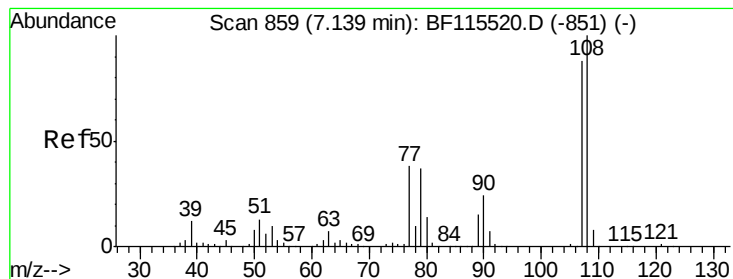
77 16.6 0.0 36.7

79 12.5 0.0 32.8



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

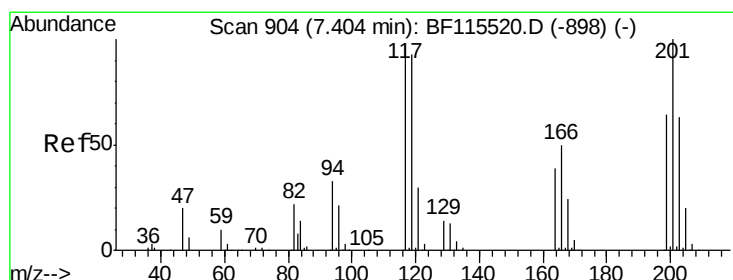
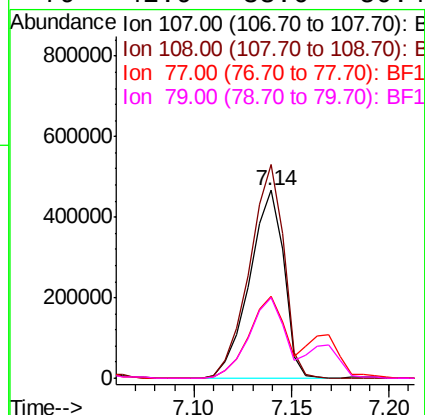
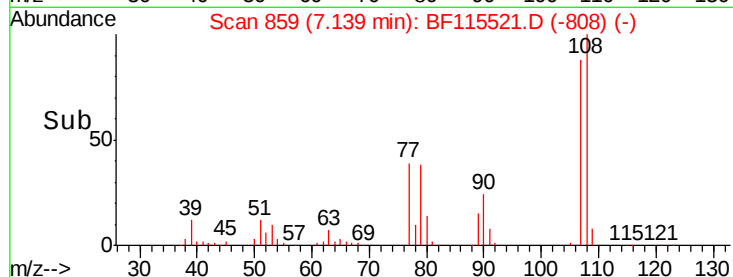
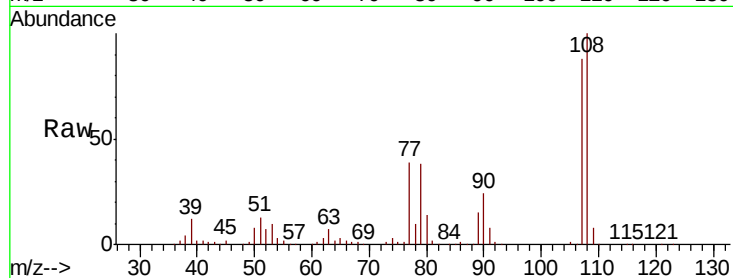




#17
2-Methylphenol
Concen: 49.349 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

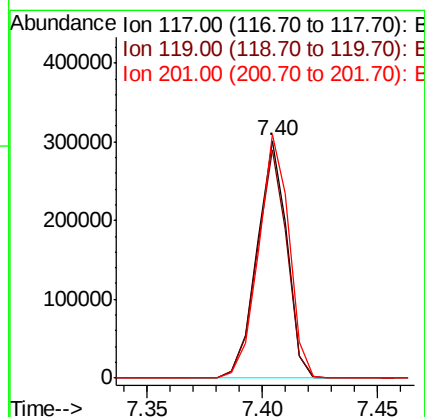
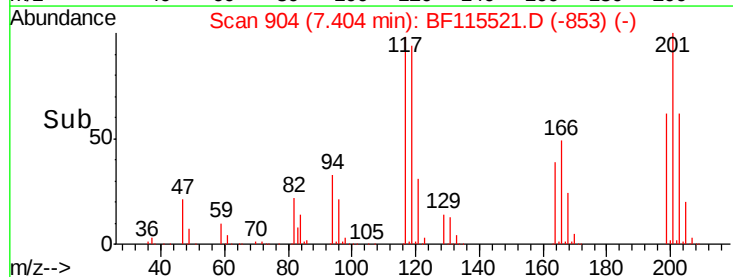
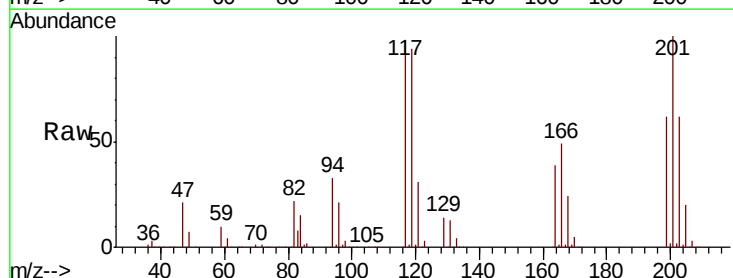
Instrument :
BNA_F
ClientSampleId :

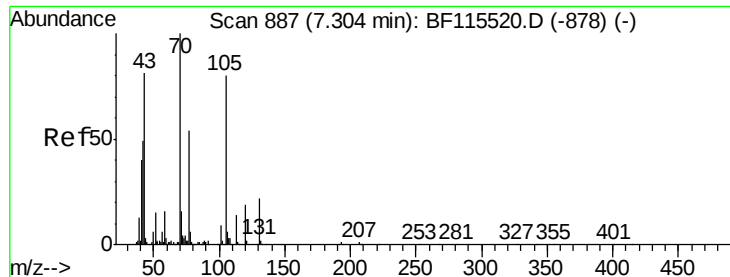
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.5	135.7
77	44.0	34.9	52.3
79	42.9	33.6	50.4



#18
Hexachloroethane
Concen: 49.389 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.8	115.2
201	102.4	82.2	123.4

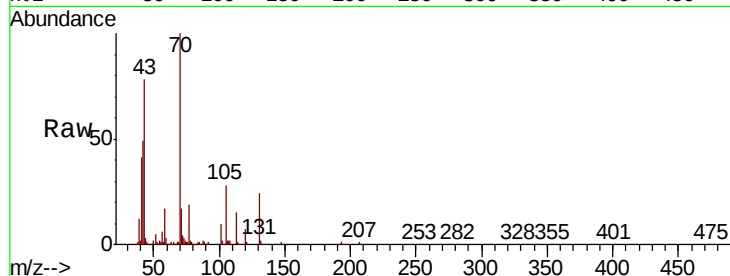




#19
n-Nitroso-di-n-propylamine
Concen: 45.214 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	465165
Ion	Ratio	Lower	Upper
70	100		
42	49.0	39.4	59.0
101	9.9	7.4	11.2
130	23.7	17.4	26.2



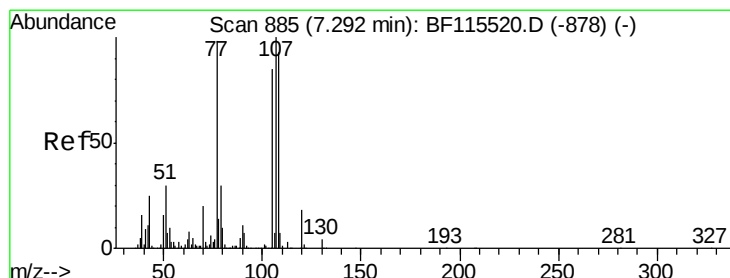
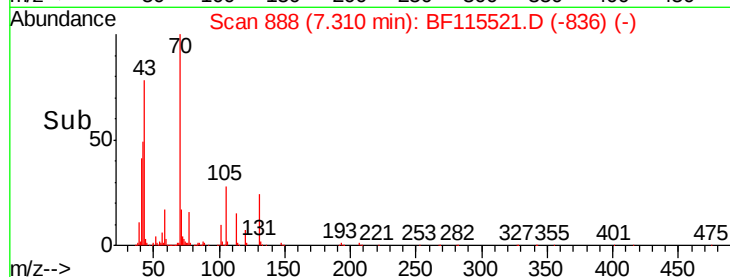
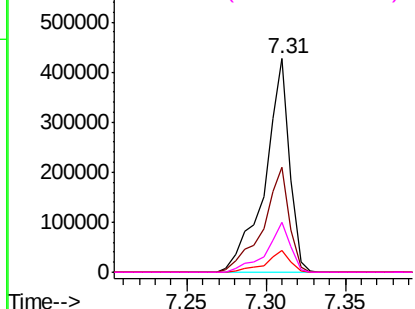
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

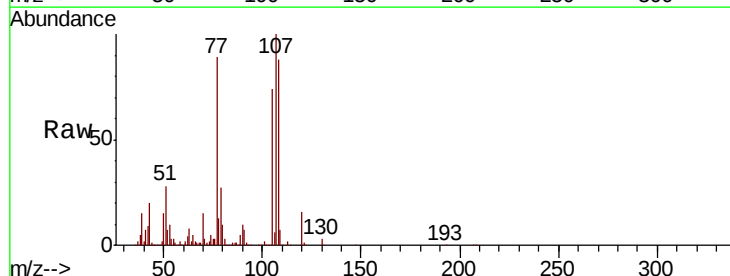
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 46.755 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:	107	Resp:	638802
Ion	Ratio	Lower	Upper
107	100		
108	87.9	72.9	112.9
77	88.7	77.6	117.6
79	27.2	10.5	50.5



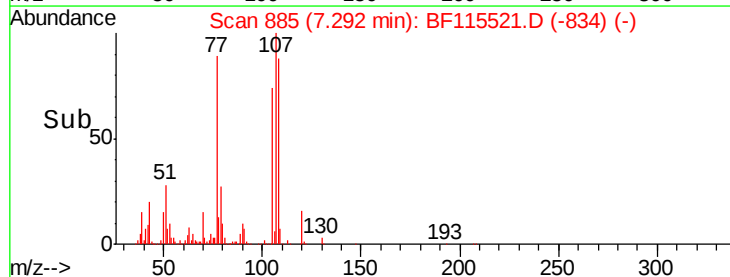
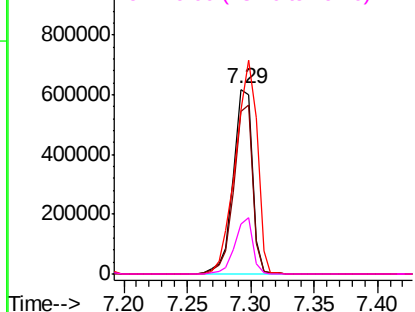
Abundance

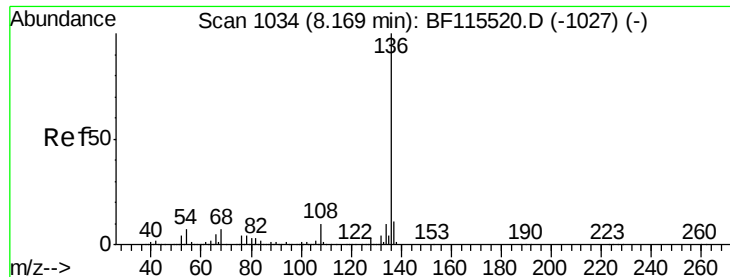
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

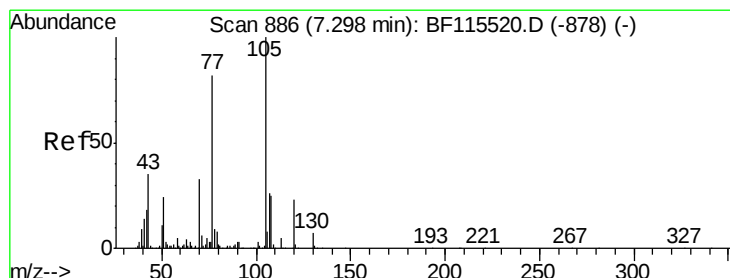
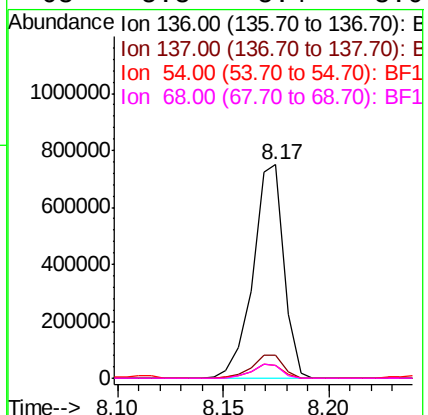
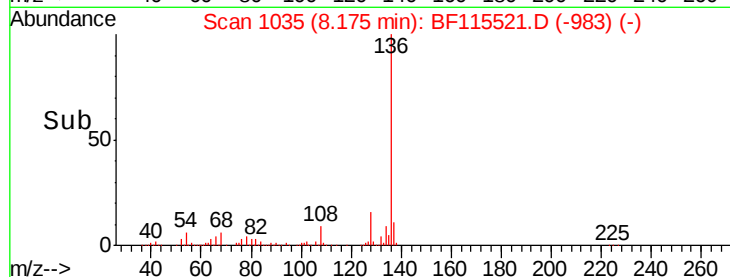
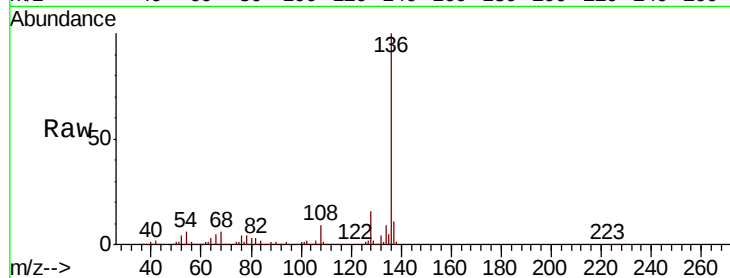




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

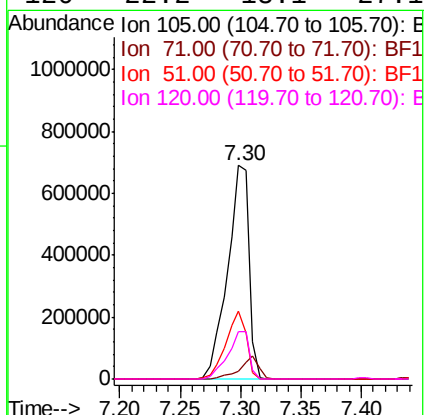
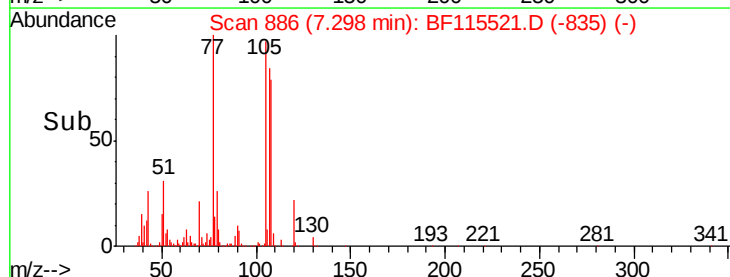
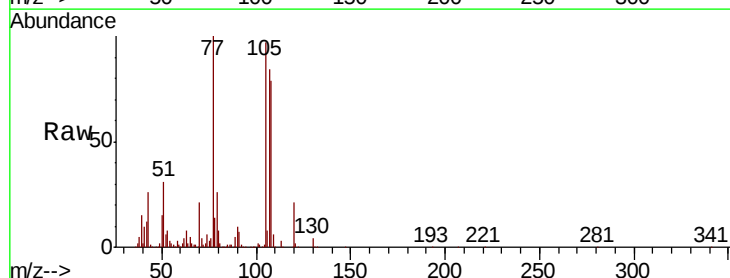
Instrument :
BNA_F
ClientSampled :

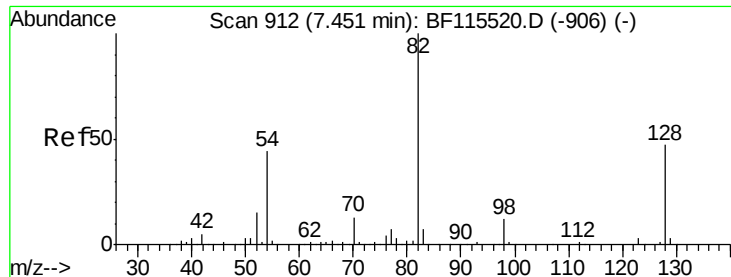
Tot Ion:136	Resp: 765331
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 6.1	5.9 8.9
68 5.8	5.4 8.0



#22
Acetophenone
Concen: 46.515 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt	Ion:105	Resp:	853030
Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.5	6.7#
51	31.7	19.5	29.3#
120	22.2	18.1	27.1

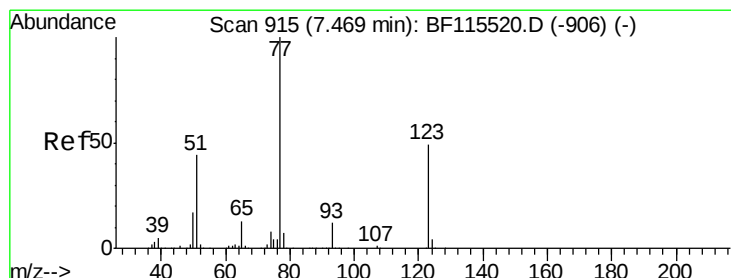
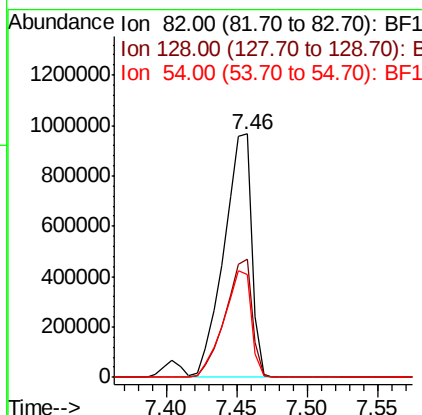
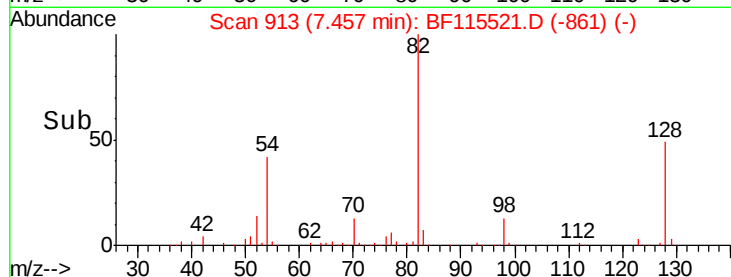
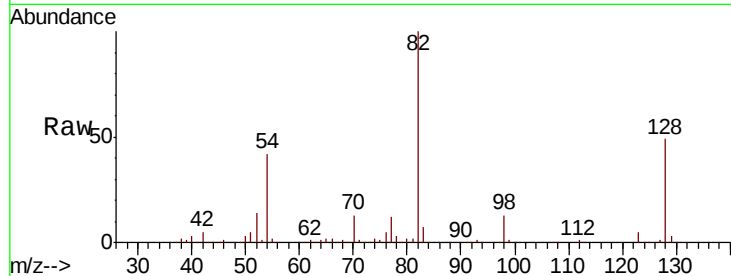




#23
Nitrobenzene-d5
Concen: 101.876 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

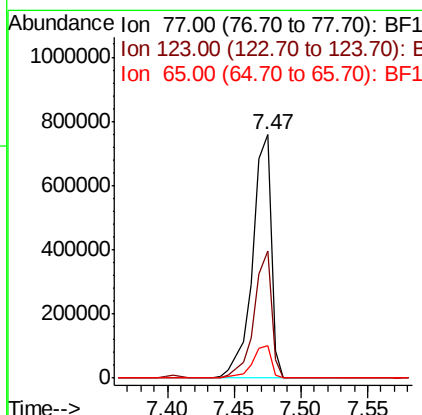
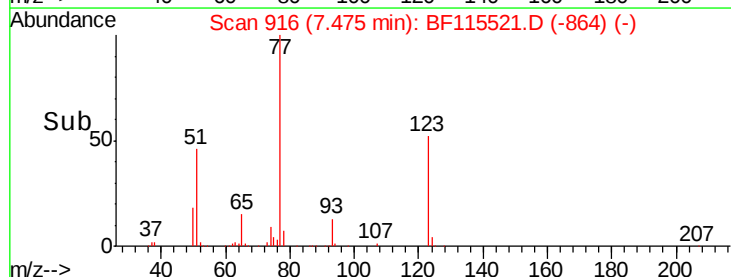
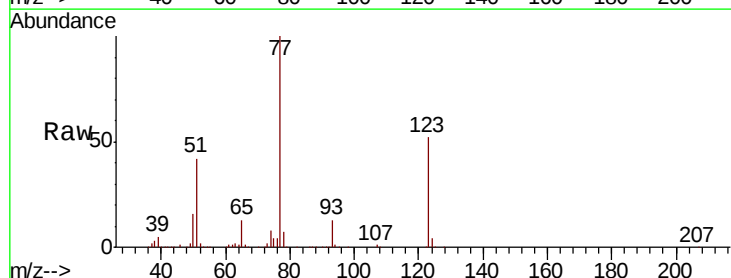
Instrument :
BNA_F
ClientSampleId :

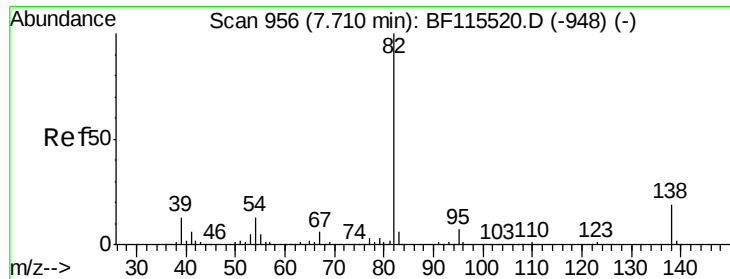
Tot Ion: 82 Resp: 1319646
Ion Ratio Lower Upper
82 100
128 48.5 37.8 56.8
54 42.3 35.0 52.6



#24
Nitrobenzene
Concen: 49.037 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion: 77 Resp: 717367
Ion Ratio Lower Upper
77 100
123 52.0 39.2 58.8
65 13.1 10.4 15.6





#25

Isophorone

Concen: 46.632 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

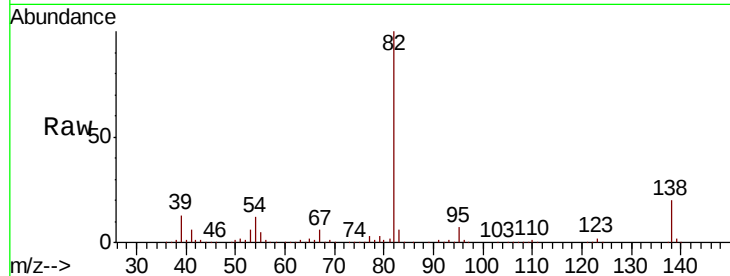
Tot Ion: 82 Resp: 1309273

Ion Ratio Lower Upper

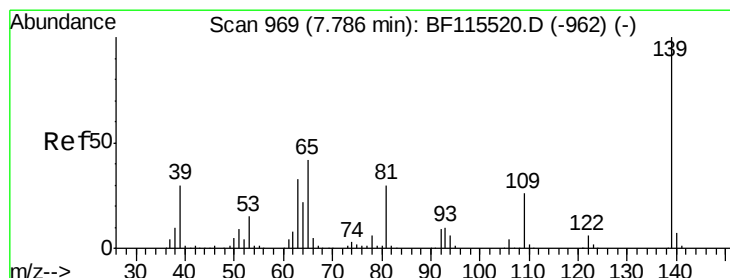
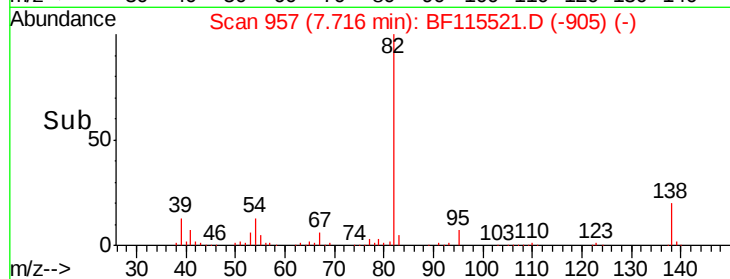
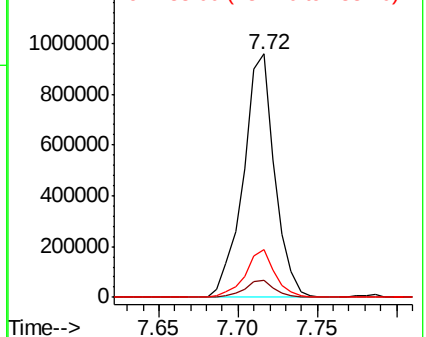
82 100

95 7.0 5.4 8.2

138 19.6 15.0 22.4



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



#26

2-Nitrophenol

Concen: 62.505 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

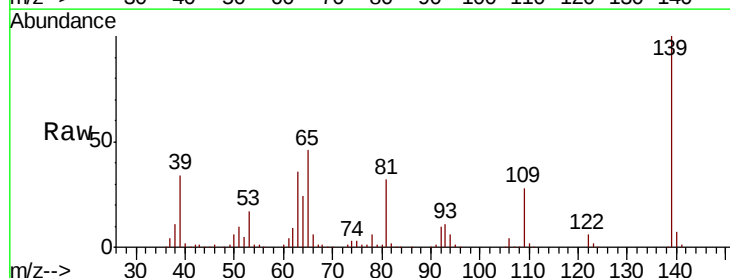
Tgt Ion: 139 Resp: 375927

Ion Ratio Lower Upper

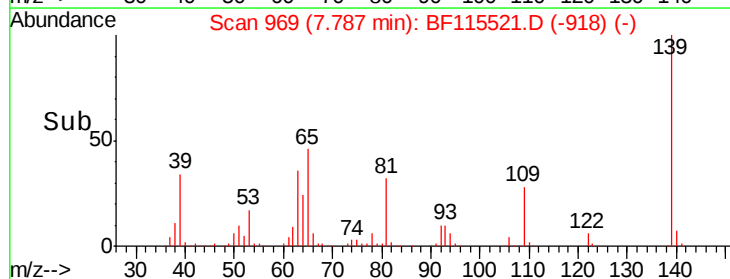
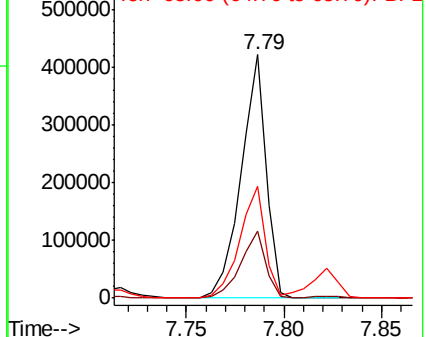
139 100

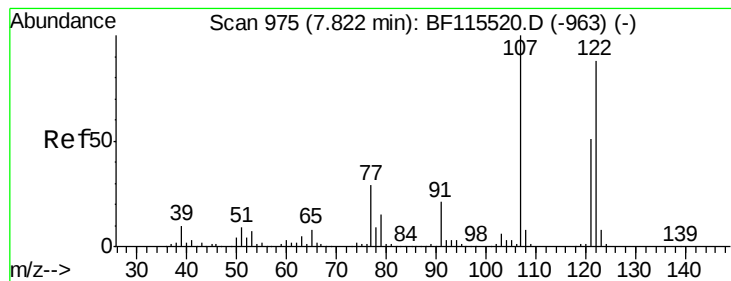
109 27.6 21.0 31.4

65 45.8 33.3 49.9



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

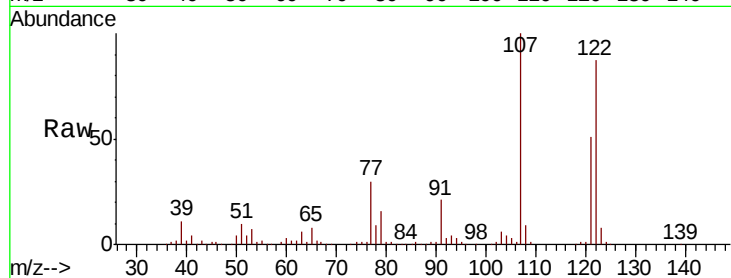




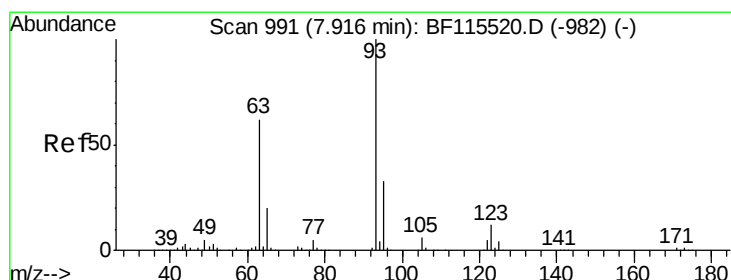
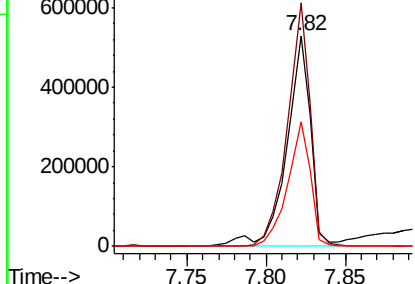
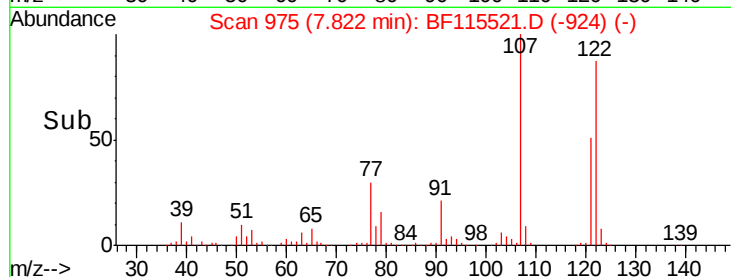
#27
 2,4-Dimethylphenol
 Concen: 48.464 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	90.9	136.3
121	59.0	46.7	70.1

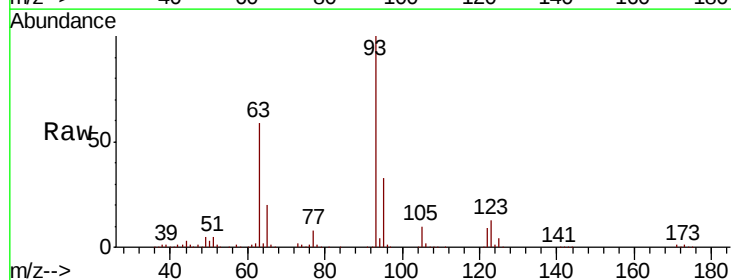


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

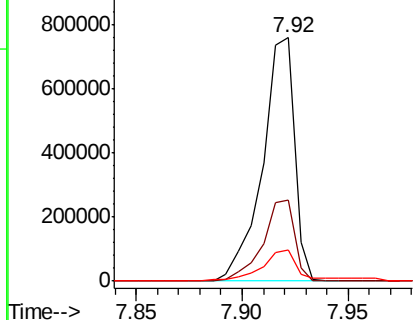
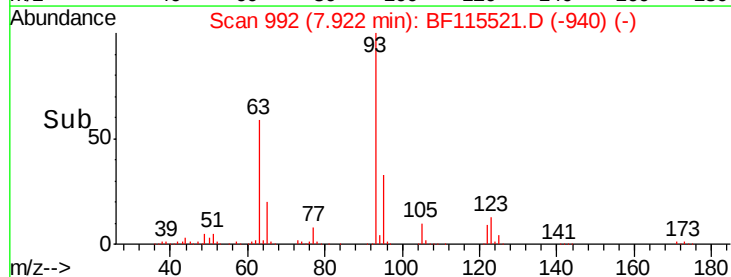


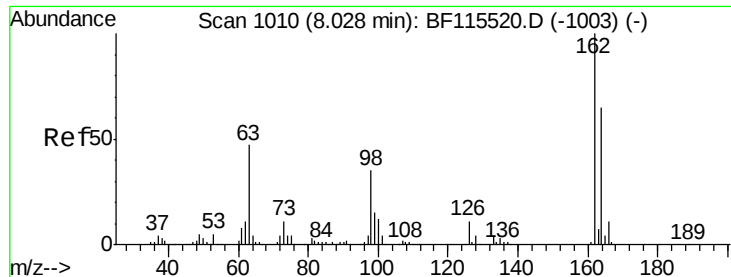
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.664 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	13.0	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

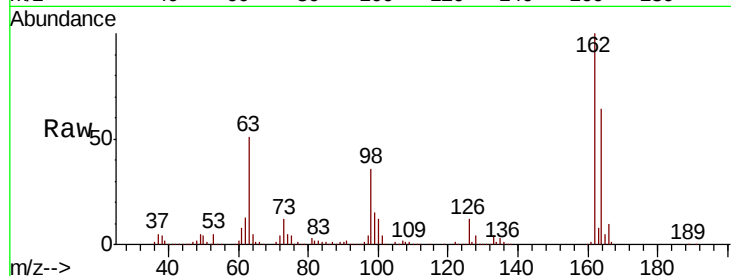




#29
 2,4-Dichlorophenol
 Concen: 50.399 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.4	85.4
98	36.2	14.5	54.5

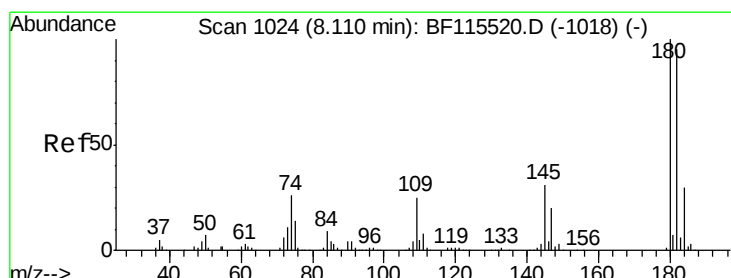
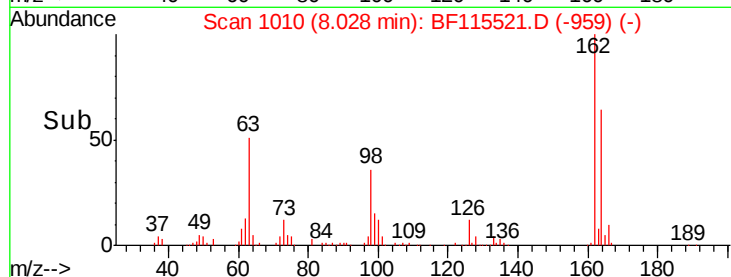
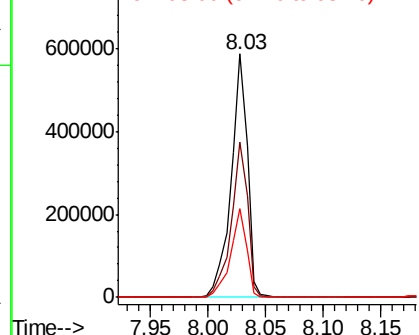


Abundance

Ion 162.00 (161.70 to 162.70): E

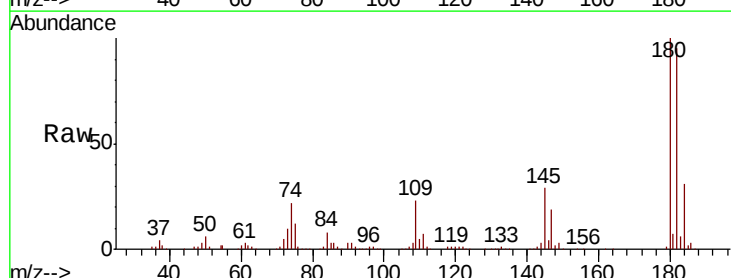
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 50.751 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.8
145	29.1	24.7	37.1

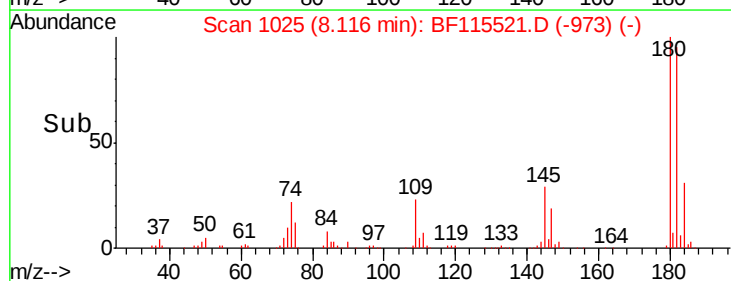
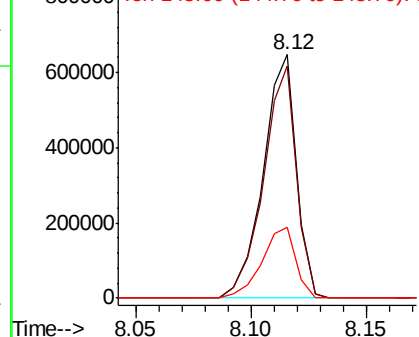


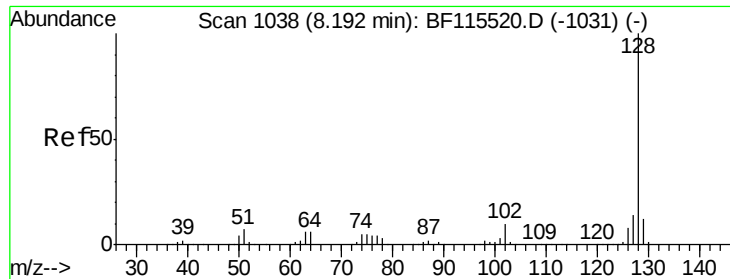
Abundance

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

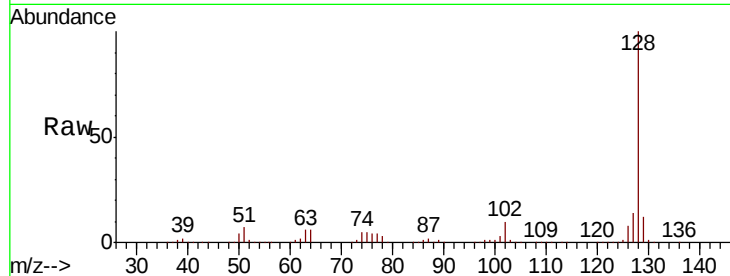




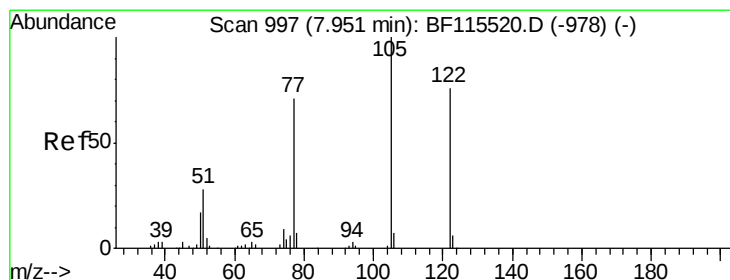
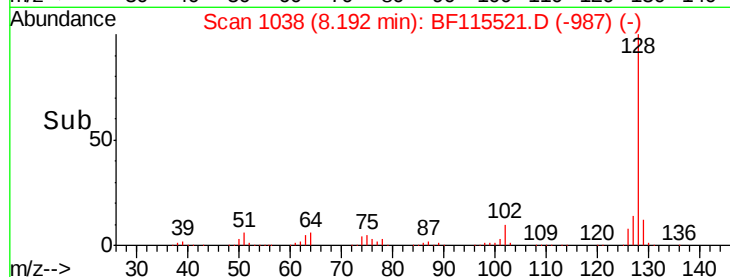
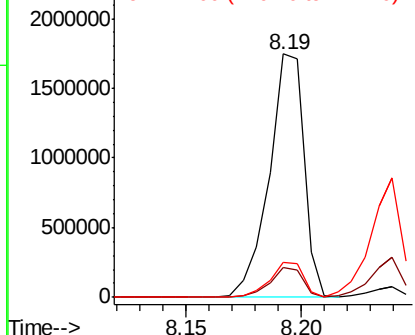
#31
Naphthalene
Concen: 48.175 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1831340
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.2
127 14.2 11.2 16.8

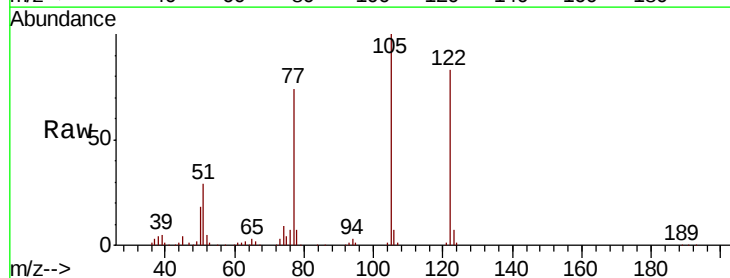


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

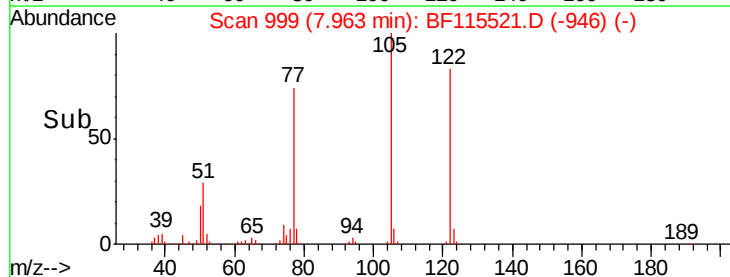
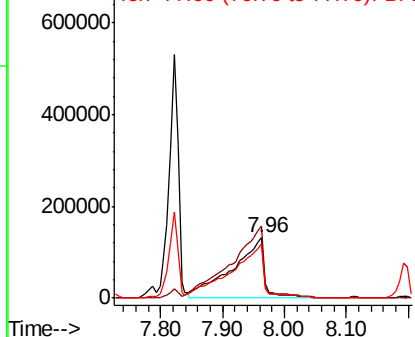


#32
Benzoic acid
Concen: 60.586 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:122 Resp: 474772
Ion Ratio Lower Upper
122 100
105 120.2 106.8 146.8
77 89.2 71.7 111.7



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

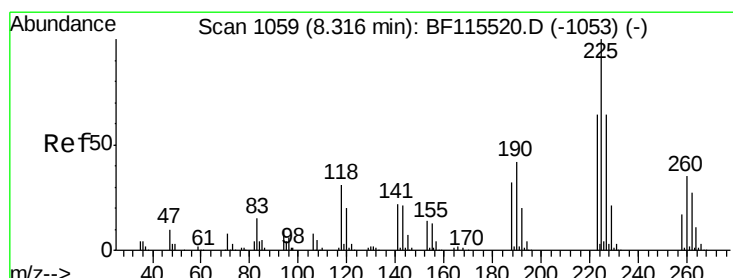
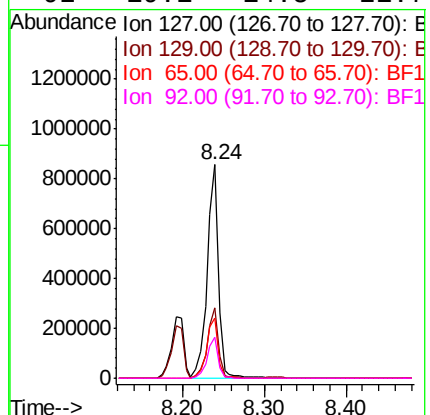
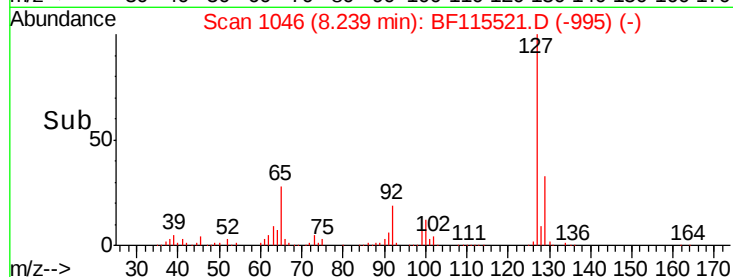
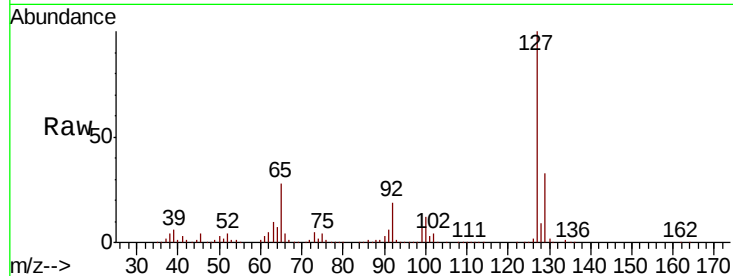




#33
4-Chloroaniline
Concen: 48.208 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

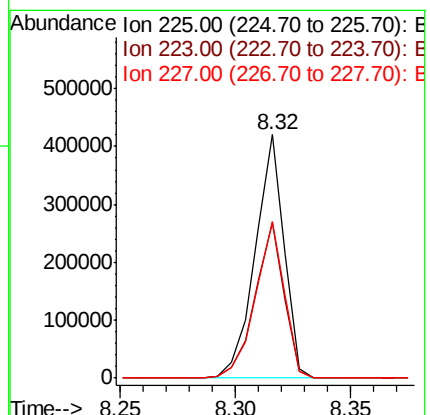
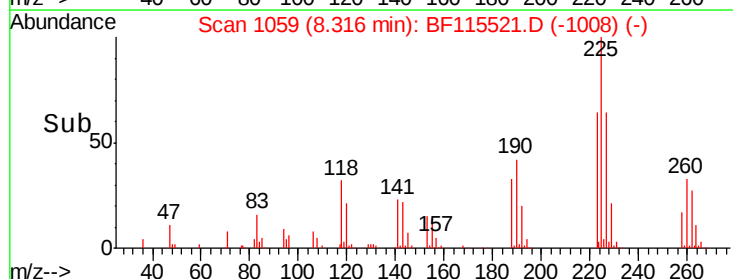
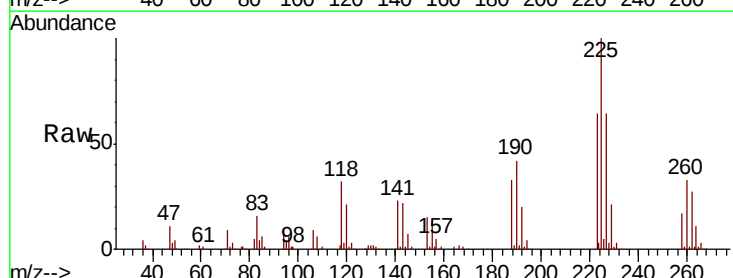
Instrument :
BNA_F
ClientSampleId :

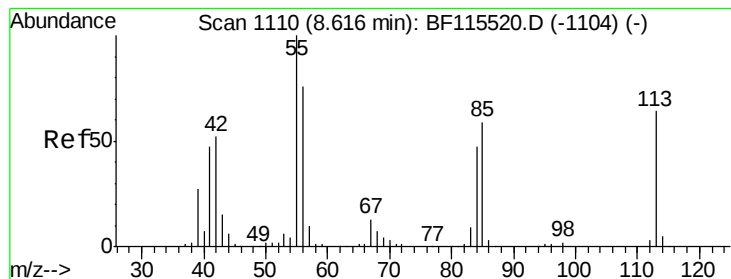
Tot Ion:	127	Resp:	817652
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.4	39.6
65	28.1	21.2	31.8
92	19.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 51.014 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:	225	Resp:	367892
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.9	76.3
227	64.4	51.3	76.9





#35

Caprolactam

Concen: 47.217 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

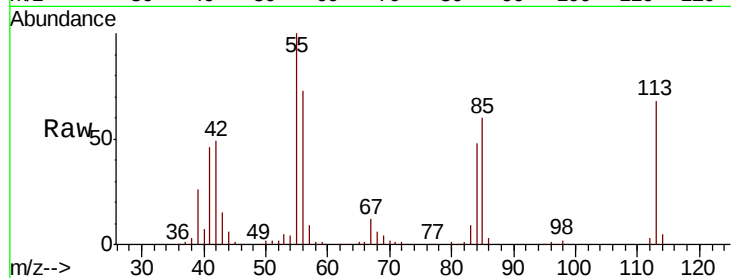
Tot Ion:113 Resp: 175659

Ion Ratio Lower Upper

113 100

55 146.2 136.8 176.8

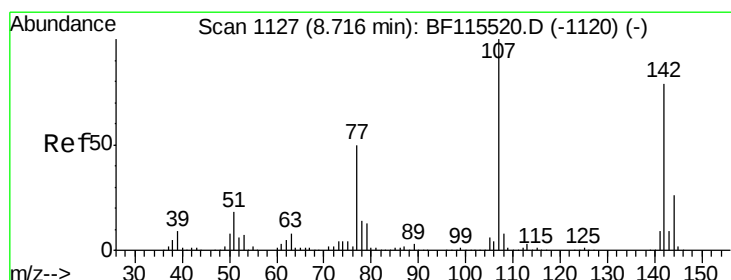
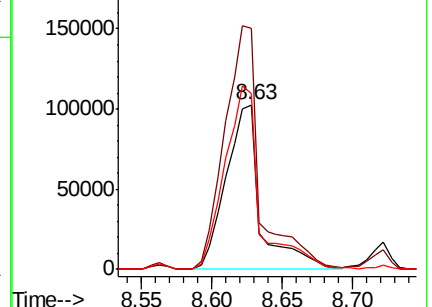
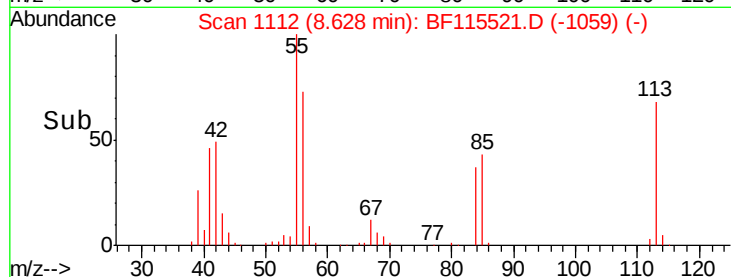
56 106.7 98.7 138.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.045 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

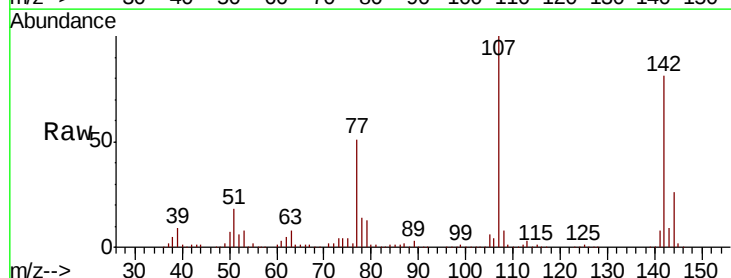
Tgt Ion:107 Resp: 580482

Ion Ratio Lower Upper

107 100

144 26.5 20.4 30.6

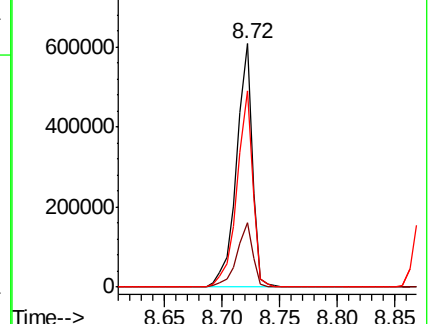
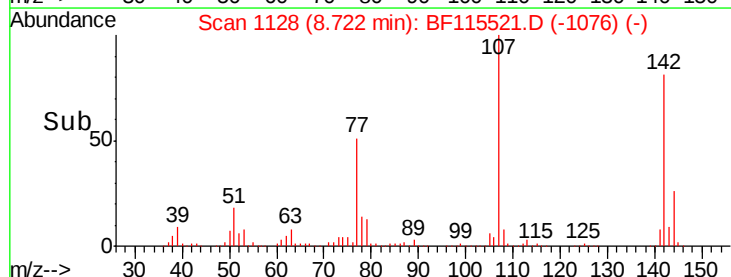
142 80.6 63.5 95.3

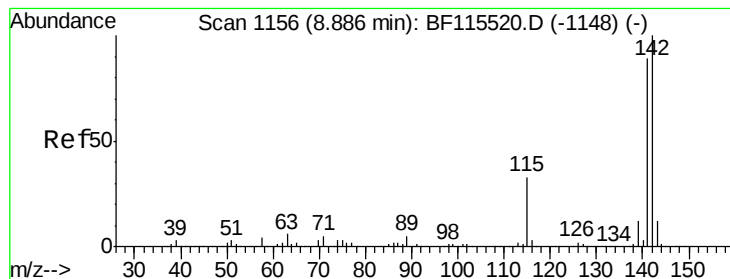


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.594 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

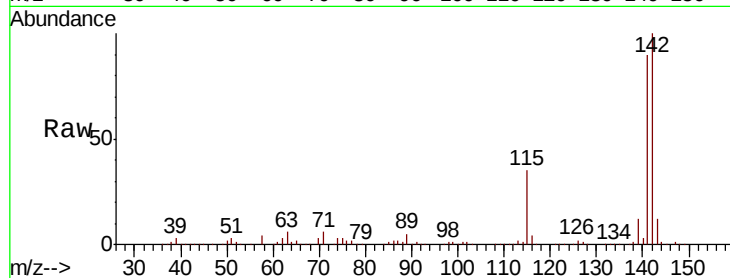
Tot Ion:142 Resp: 1209314

Ion Ratio Lower Upper

142 100

141 89.6 71.0 106.4

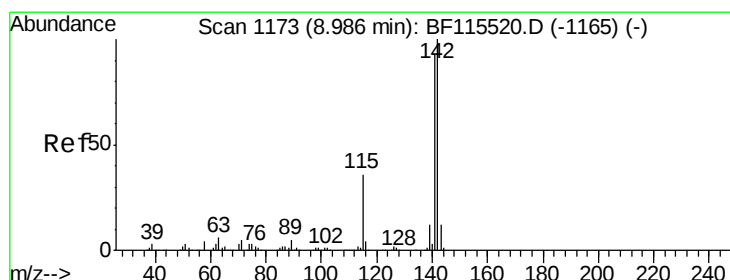
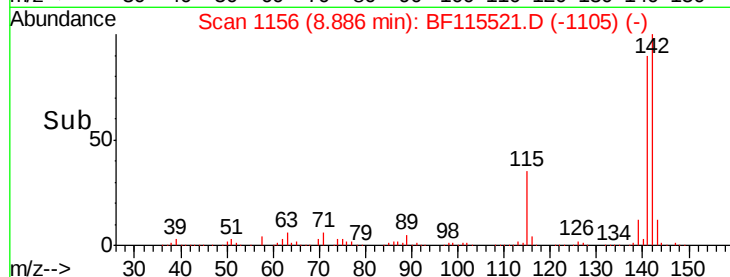
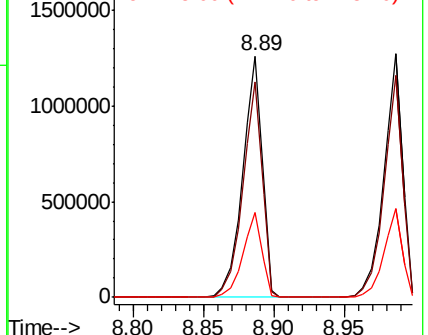
115 35.0 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.654 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

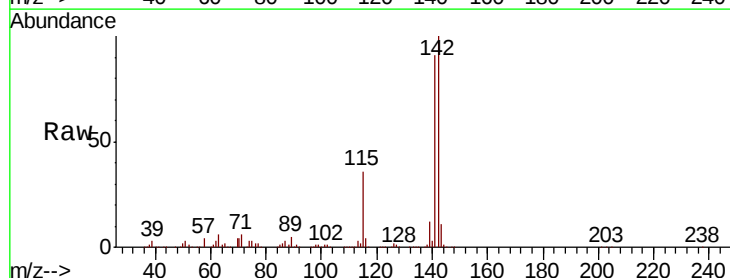
Tgt Ion:142 Resp: 1155291

Ion Ratio Lower Upper

142 100

141 91.1 74.6 112.0

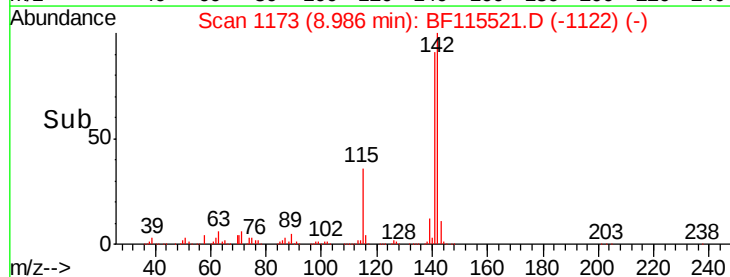
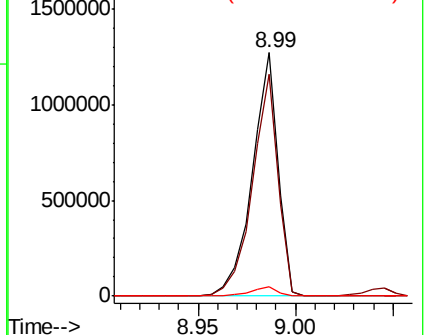
116 3.7 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampled :

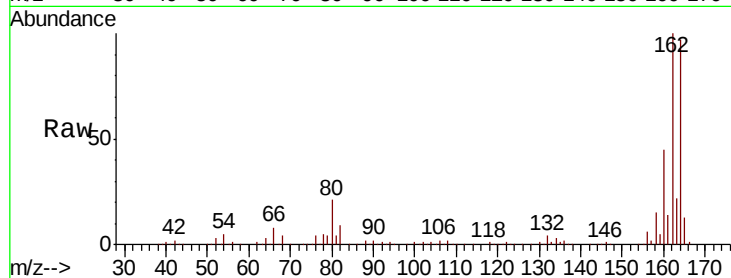
Tot Ion:164 Resp: 370780

Ion Ratio Lower Upper

164 100

162 103.3 80.7 121.1

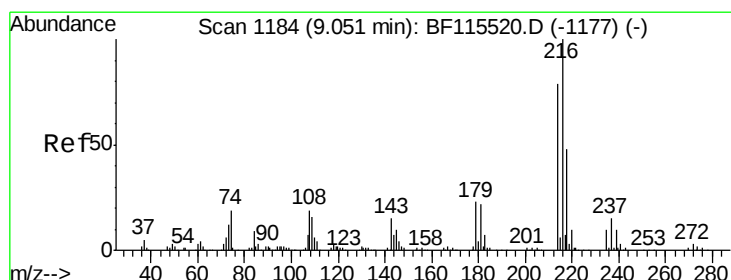
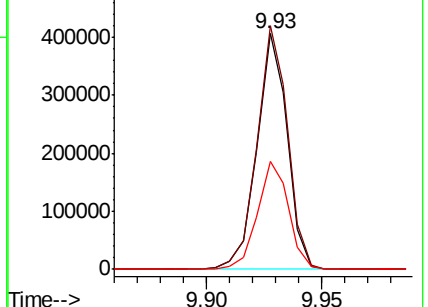
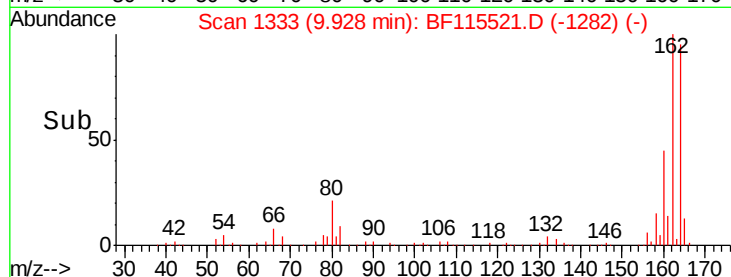
160 46.0 35.4 53.2



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: 52.842 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Tgt Ion:216 Resp: 563653

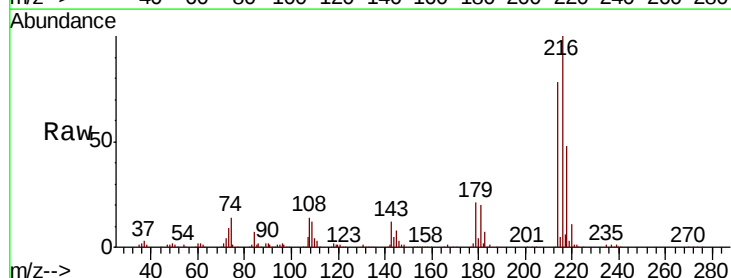
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 22.1 17.5 26.3

108 19.0 15.4 23.2

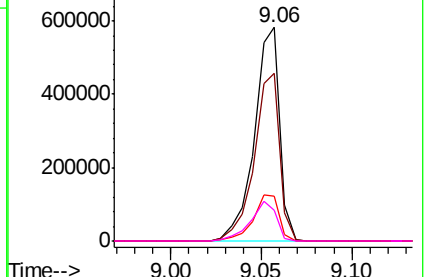
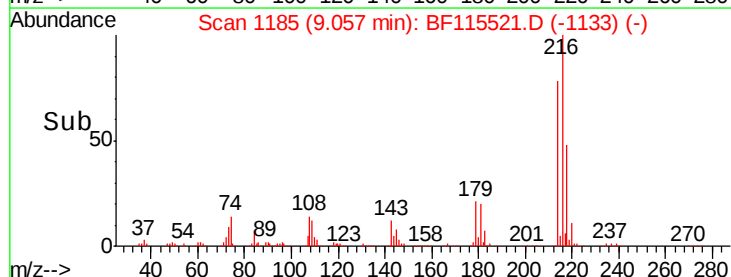


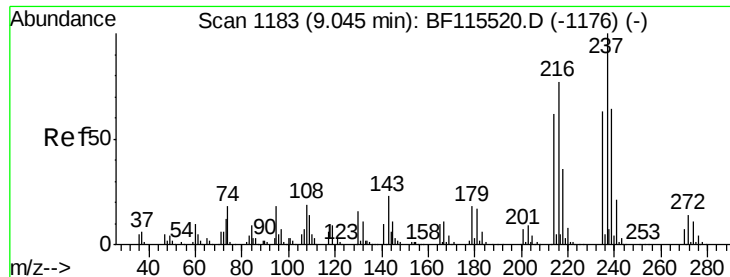
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.261 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

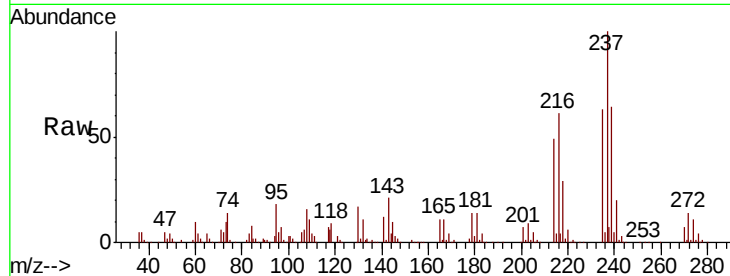
Tot Ion:237 Resp: 329279

Ion Ratio Lower Upper

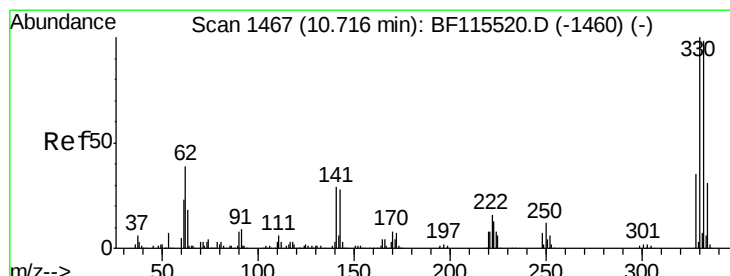
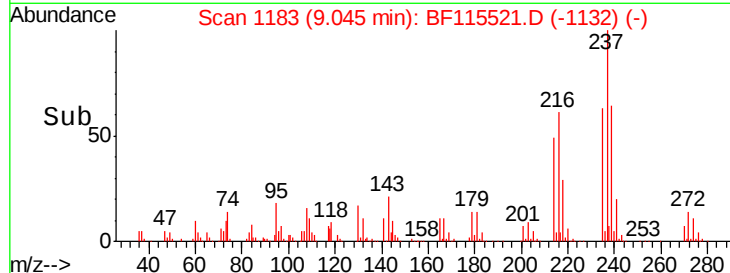
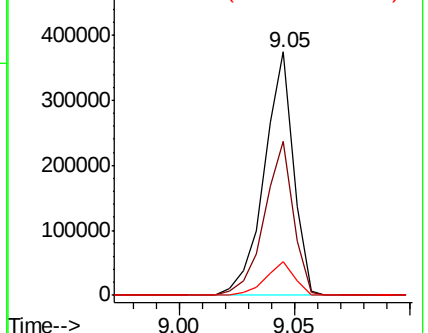
237 100

235 63.1 42.9 82.9

272 13.7 0.0 33.8



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: 104.066 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

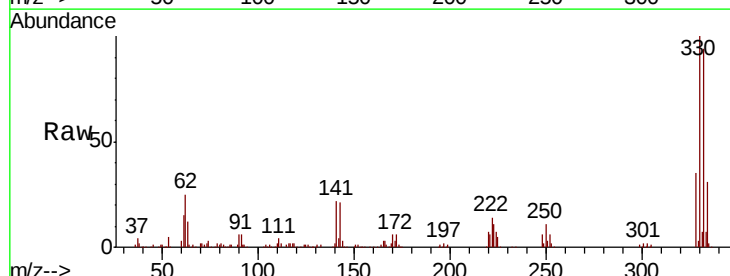
Tgt Ion:330 Resp: 426629

Ion Ratio Lower Upper

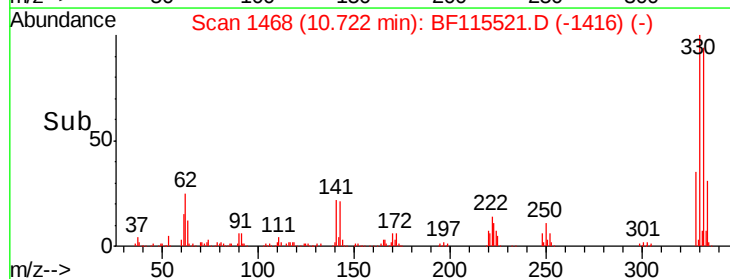
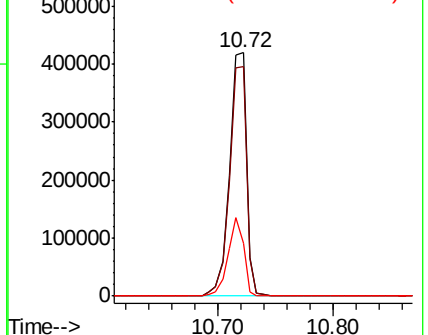
330 100

332 94.8 77.8 116.8

141 29.9 24.6 37.0



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

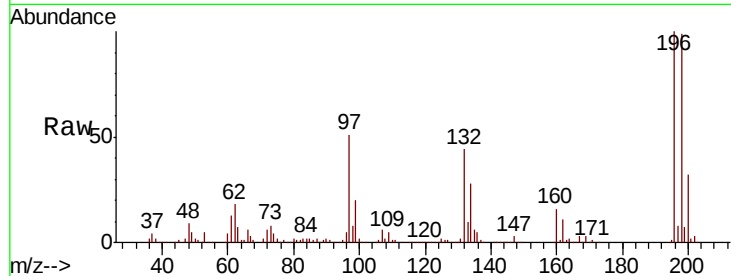




#43
 2,4,6-Trichlorophenol
 Concen: 53.779 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.3	80.3	120.5
200	31.6	26.0	39.0

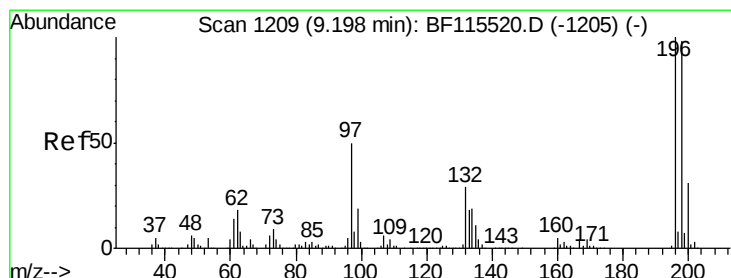
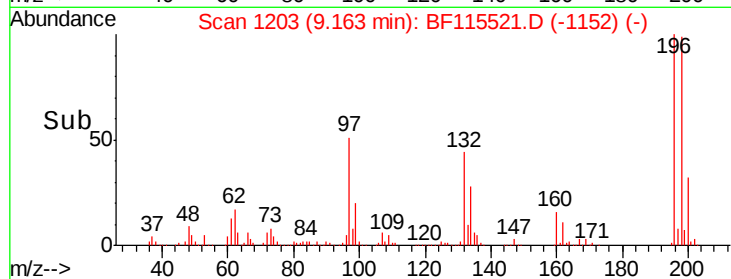
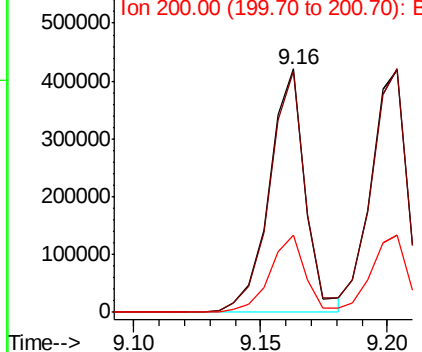


Abundance

Ion 196.00 (195.70 to 196.70): E

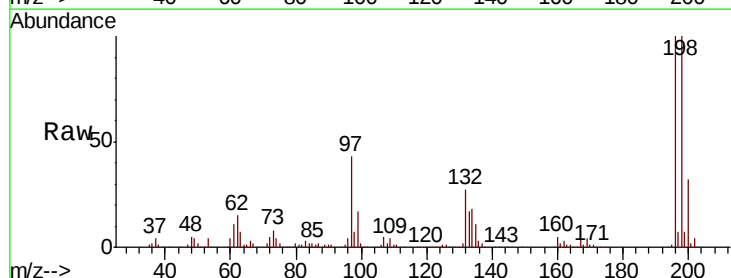
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 51.689 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	78.8	118.2
97	43.1	39.8	59.6
132	27.3	23.0	34.6



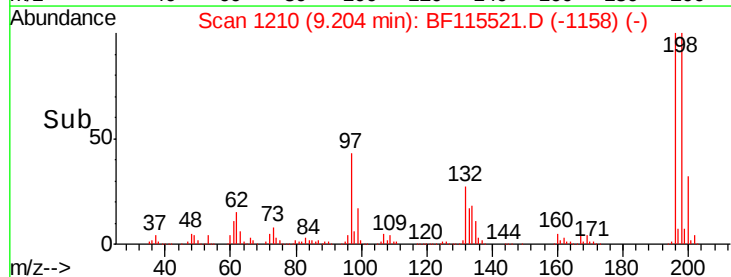
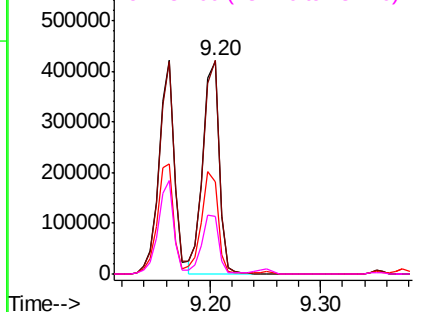
Abundance

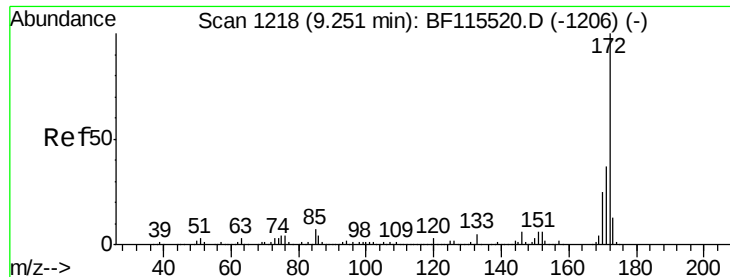
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

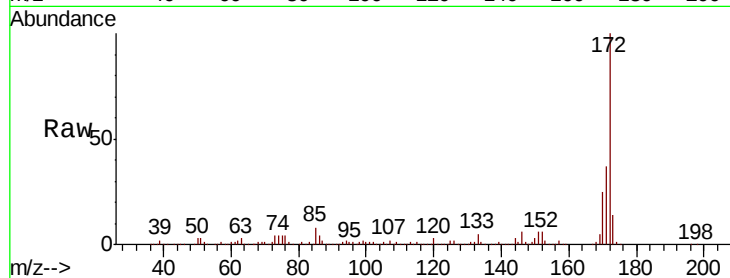




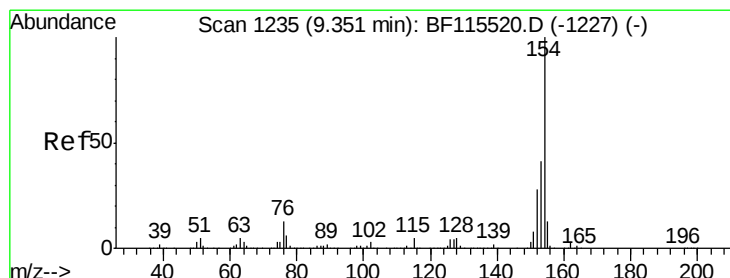
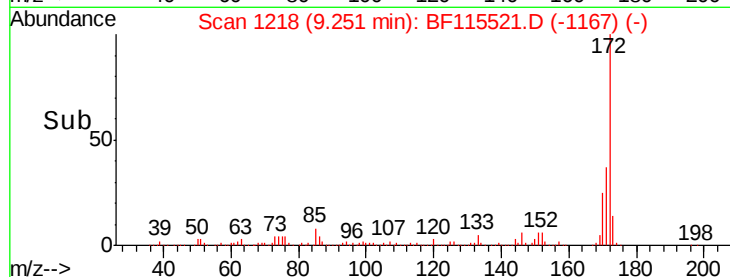
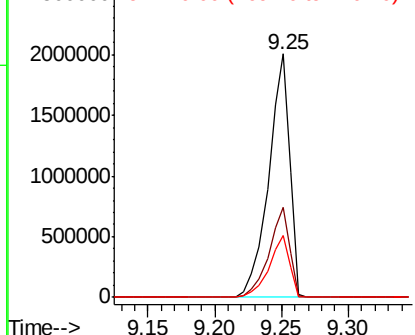
#45
2-Fluorobiphenyl
Concen: 103.516 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2187307
Ion Ratio Lower Upper
172 100
171 37.2 29.3 43.9
170 25.2 20.2 30.4

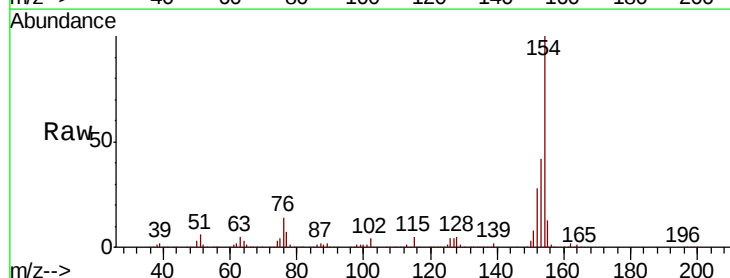


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

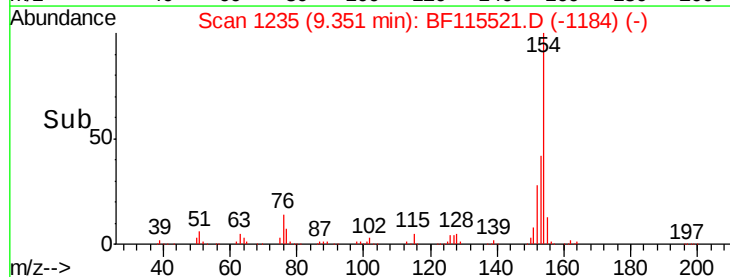
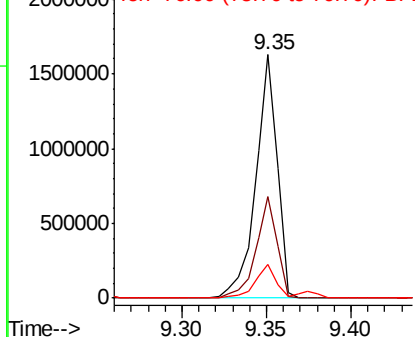


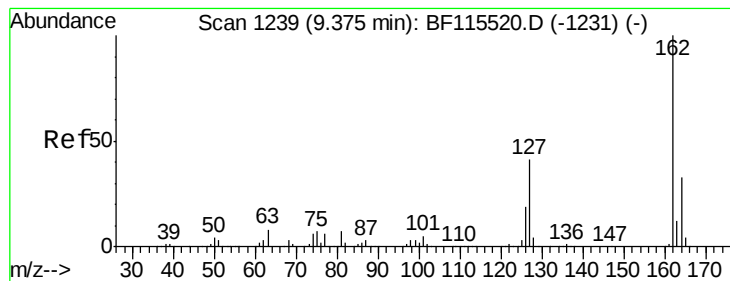
#46
1,1'-Biphenyl
Concen: 49.382 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:154 Resp: 1439438
Ion Ratio Lower Upper
154 100
153 41.8 21.5 61.5
76 14.1 0.0 32.9



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: 49.976 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

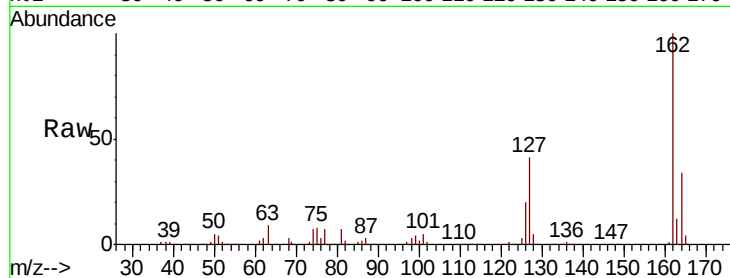
Tot Ion:162 Resp: 1203977

Ion Ratio Lower Upper

162 100

127 41.2 33.0 49.4

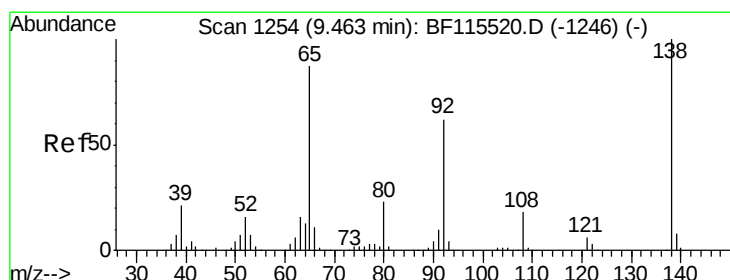
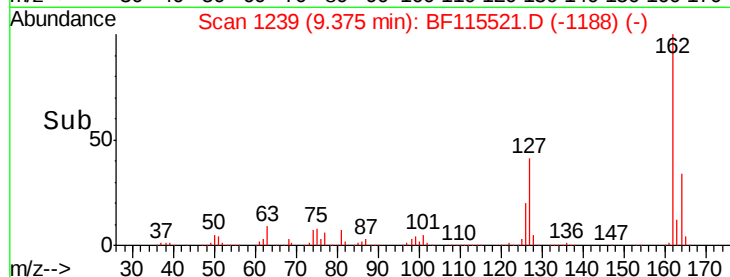
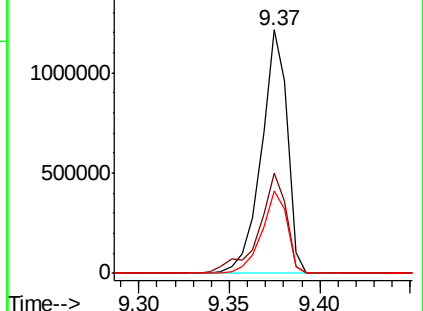
164 33.7 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 53.112 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

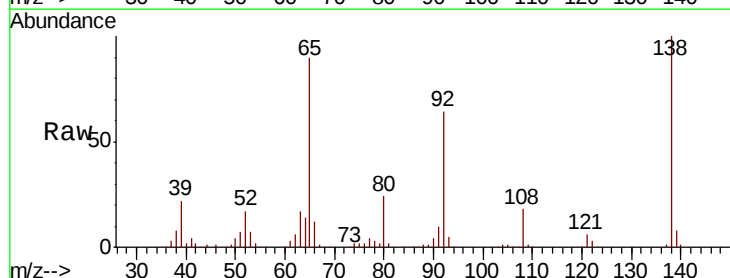
Tgt Ion: 65 Resp: 375926

Ion Ratio Lower Upper

65 100

92 71.2 56.8 85.2

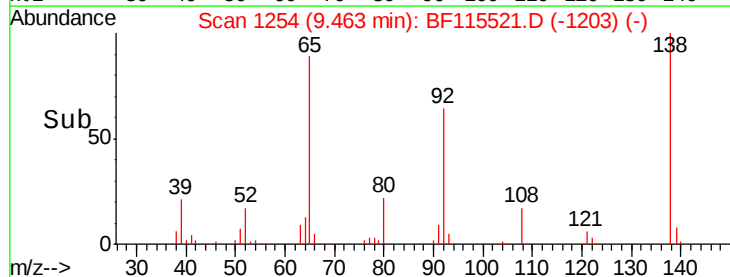
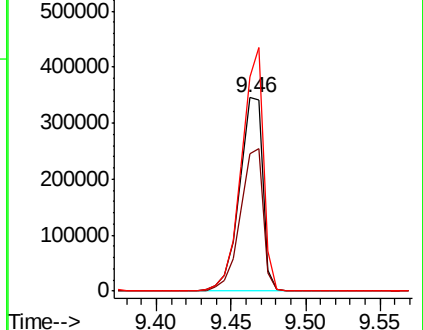
138 110.6 91.6 137.4

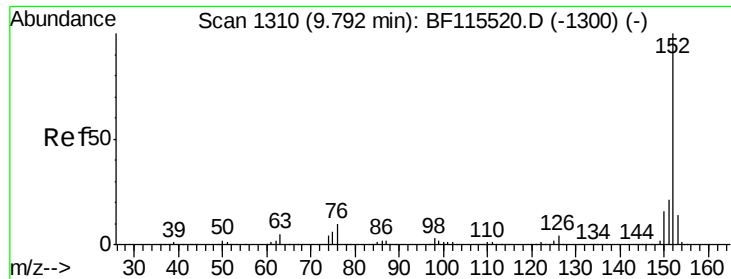


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.416 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

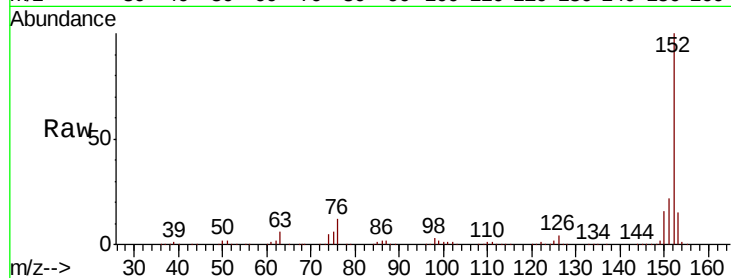
Tot Ion:152 Resp: 1765963

Ion Ratio Lower Upper

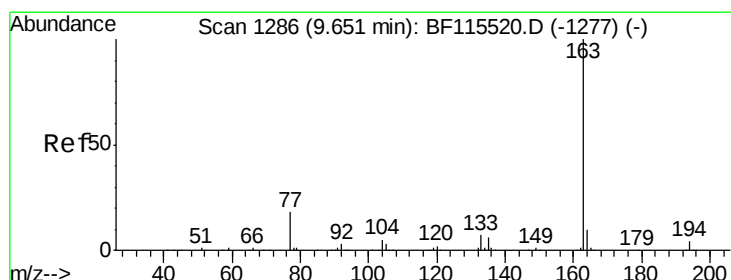
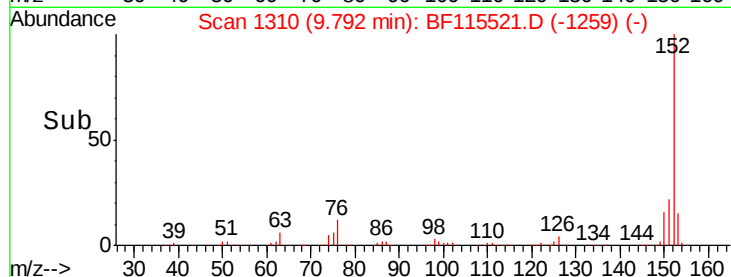
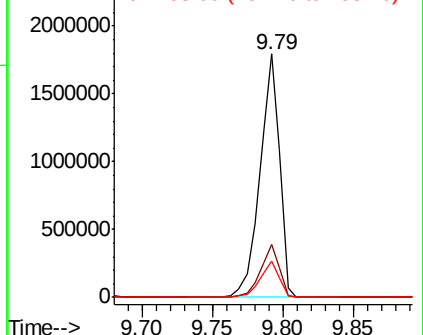
152 100

151 21.7 17.1 25.7

153 14.6 11.4 17.0



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



#50

Dimethylphthalate

Concen: 48.917 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

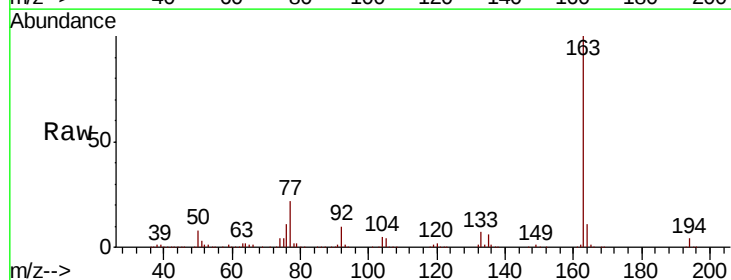
Tgt Ion:163 Resp: 1361343

Ion Ratio Lower Upper

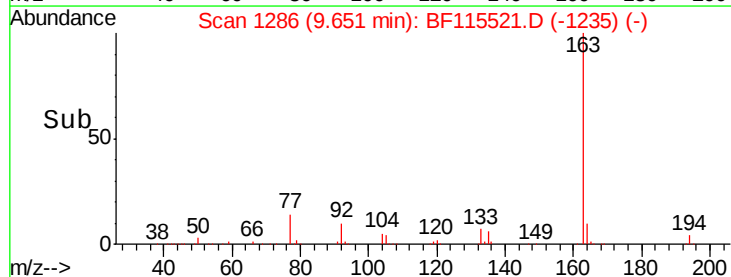
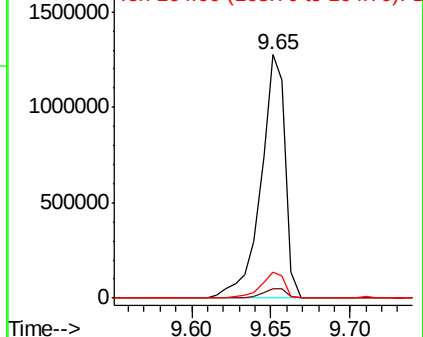
163 100

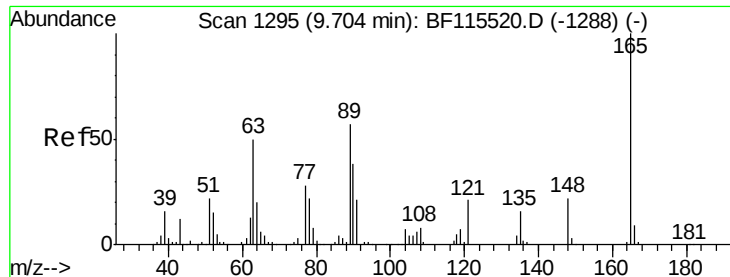
194 3.9 3.4 5.0

164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

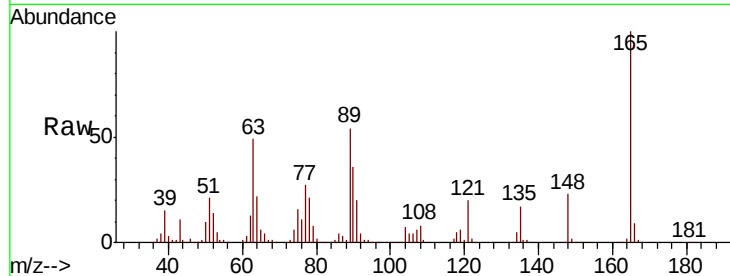




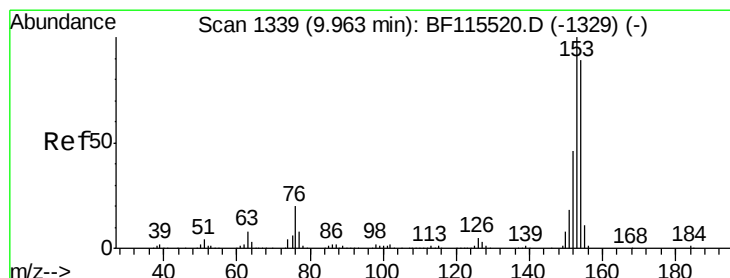
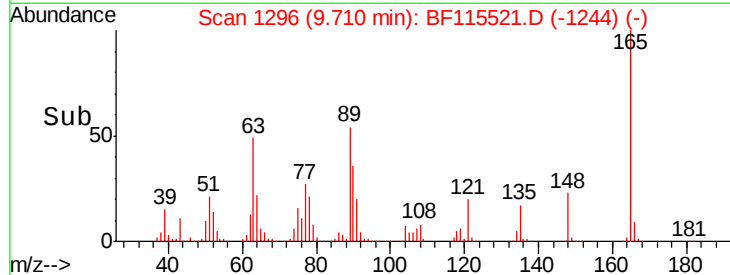
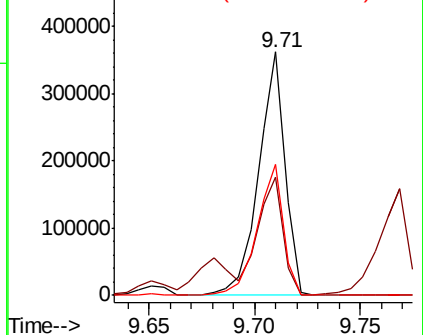
#51
 2,6-Dinitrotoluene
 Concen: 52.236 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	42.6	63.8
89	53.7	45.2	67.8

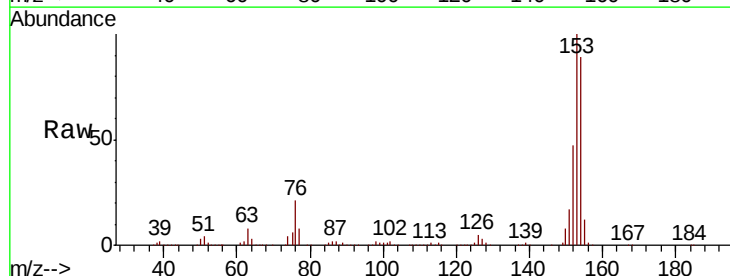


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

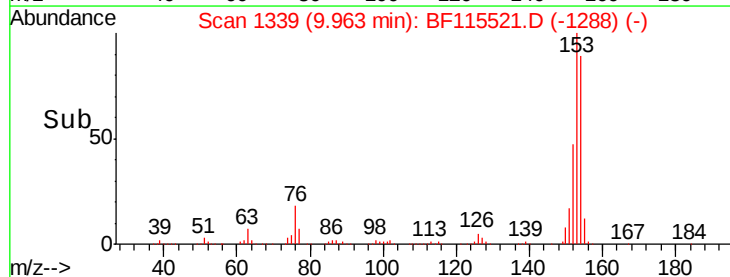
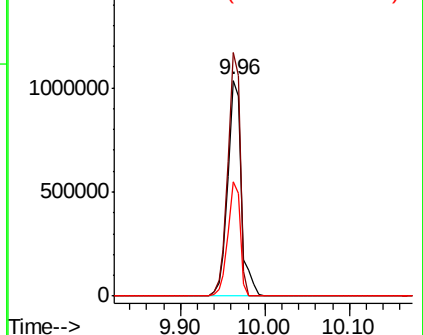


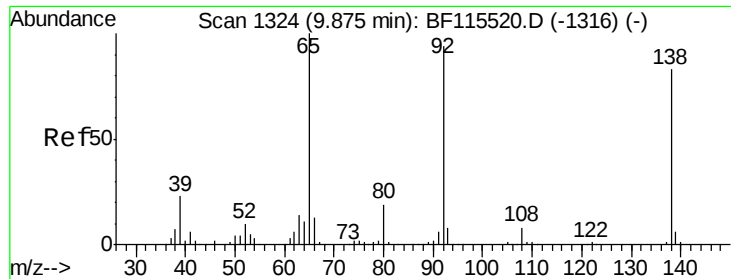
#52
 Acenaphthene
 Concen: 49.821 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.8	134.8
152	52.8	41.7	62.5



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

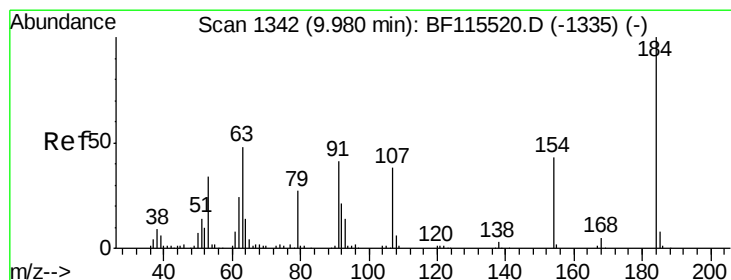
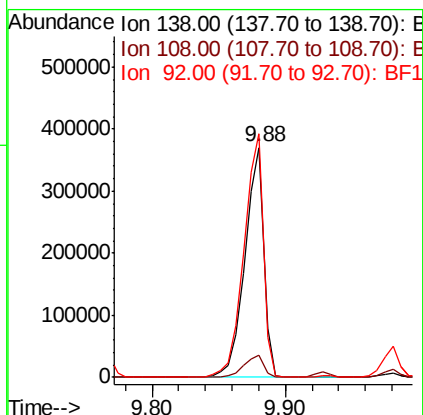
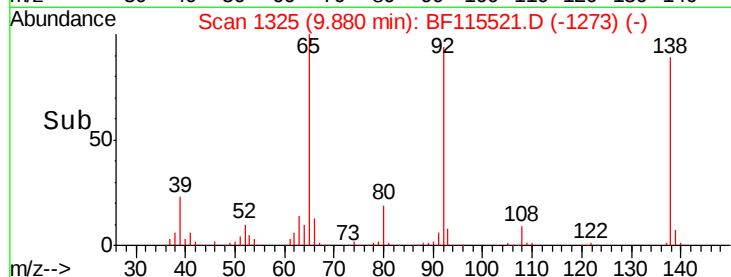
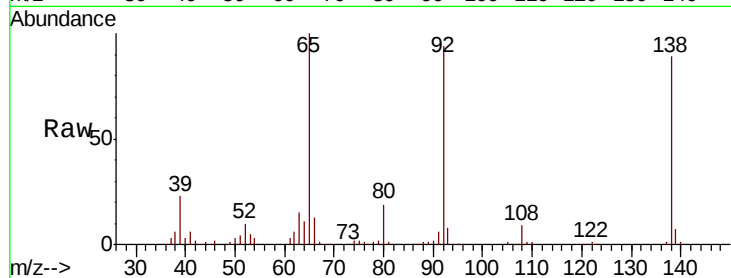




#53
3-Nitroaniline
Concen: 51.775 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

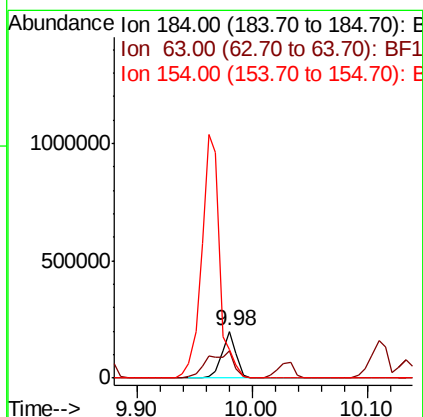
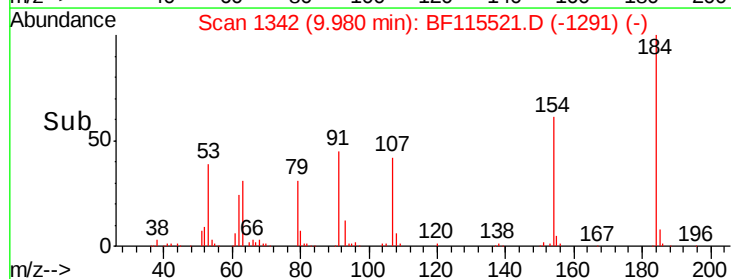
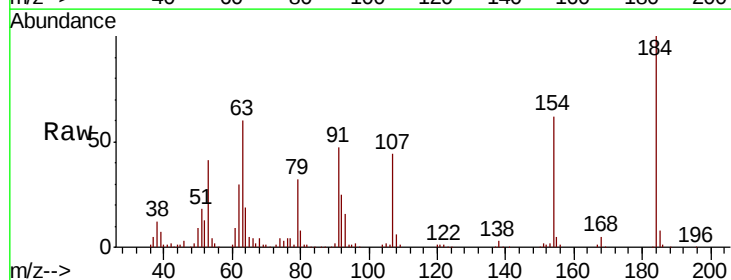
Instrument :
BNA_F
ClientSampleId :

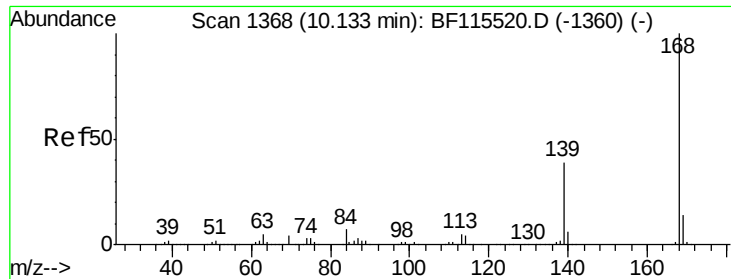
Tot Ion:138 Resp: 362946
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 105.9 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 80.965 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:184 Resp: 170994
Ion Ratio Lower Upper
184 100
63 59.7 39.8 59.6#
154 61.5 46.8 70.2

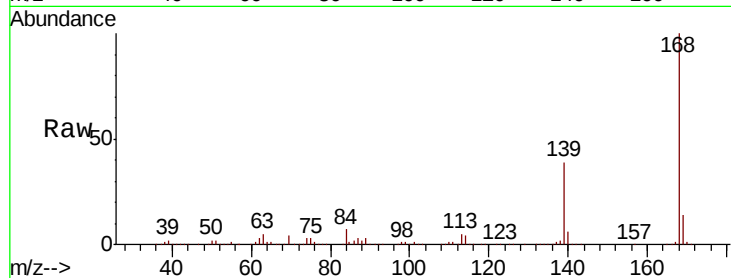




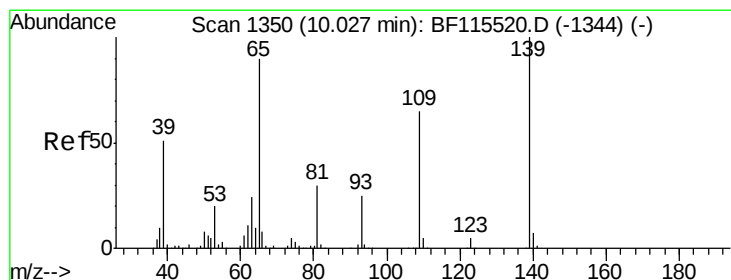
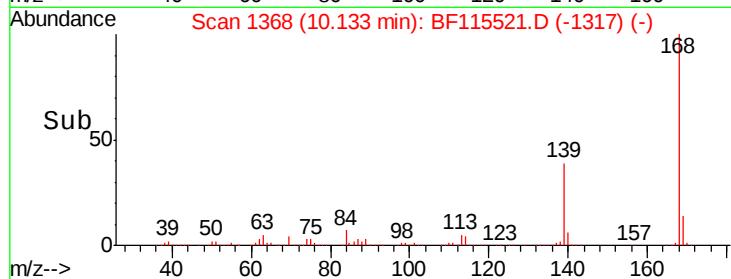
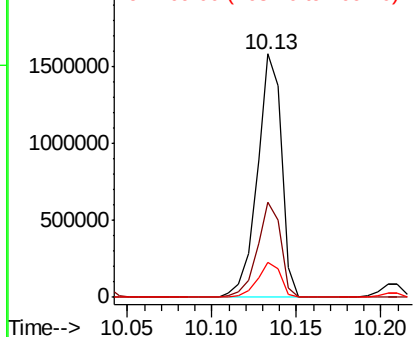
#55
Dibenzenofuran
Concen: 48.606 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1571763
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 14.2 11.1 16.7

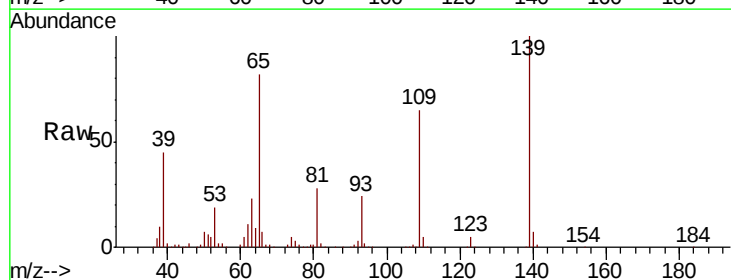


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

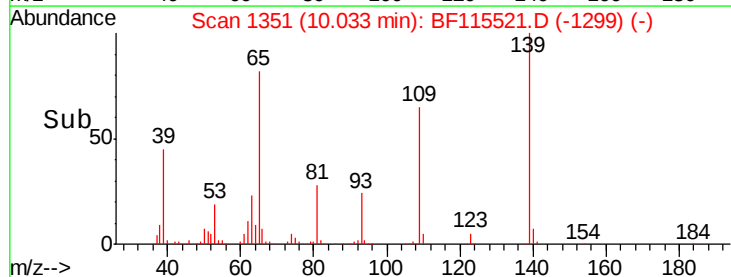
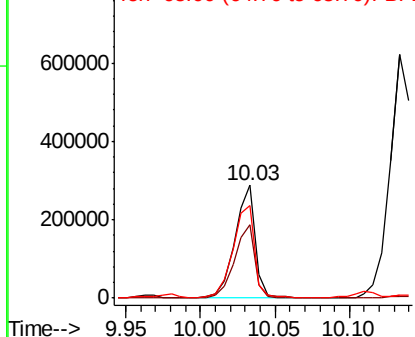


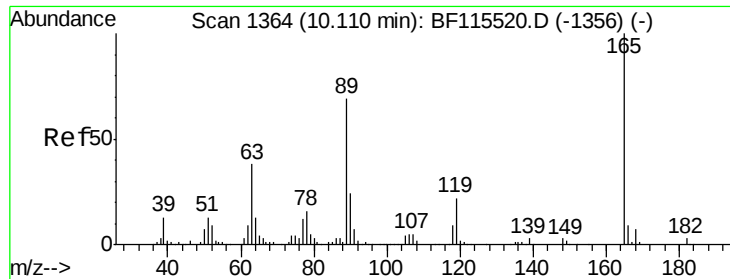
#56
4-Nitrophenol
Concen: 51.298 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:139 Resp: 278219
Ion Ratio Lower Upper
139 100
109 64.5 45.5 85.5
65 82.4 70.7 110.7



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

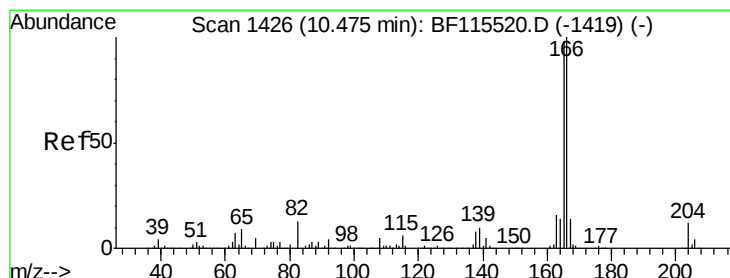
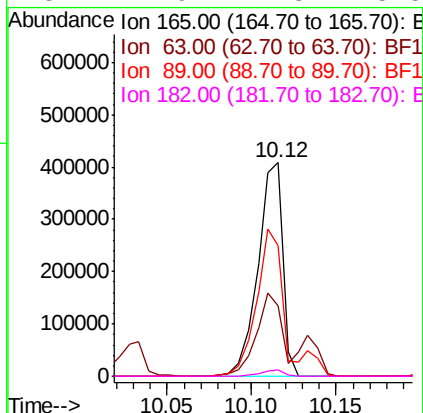
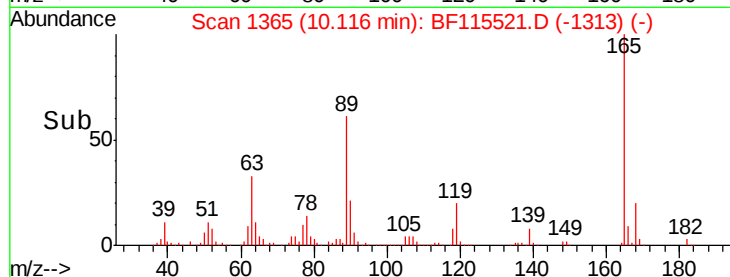
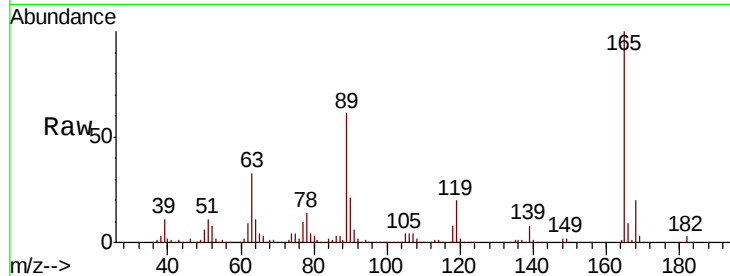




#57
2,4-Dinitrotoluene
Concen: 54.458 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

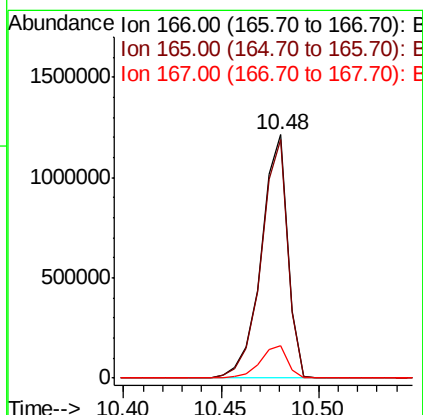
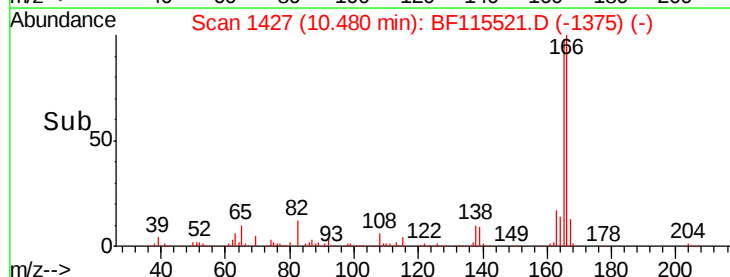
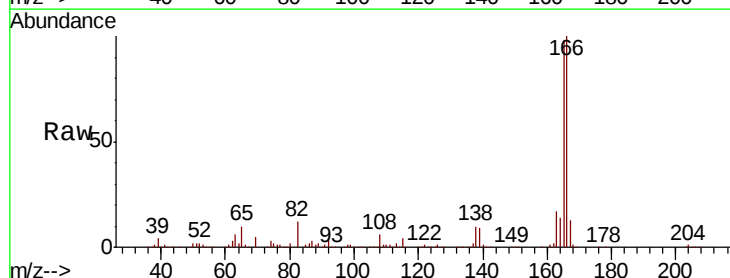
Instrument :
BNA_F
ClientSampleId :

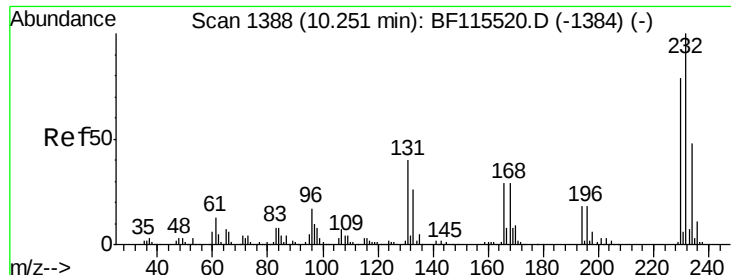
Tot Ion:165 Resp: 417718
Ion Ratio Lower Upper
165 100
63 33.1 31.0 46.4
89 61.4 55.3 82.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 44.763 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:166 Resp: 1141053
Ion Ratio Lower Upper
166 100
165 97.9 78.7 118.1
167 13.2 11.2 16.8

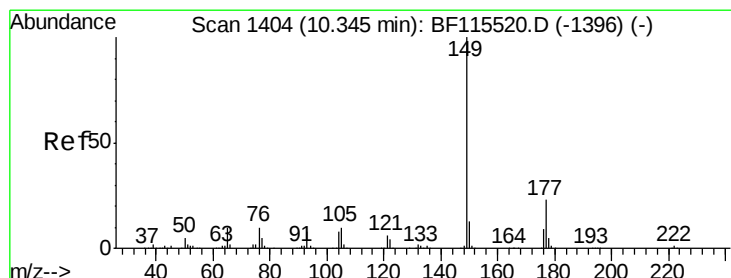
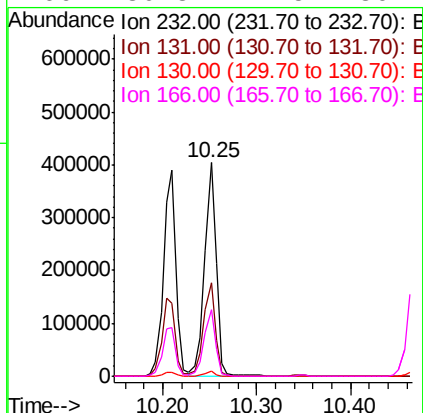
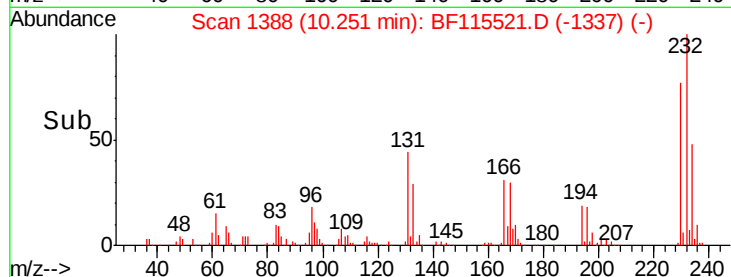
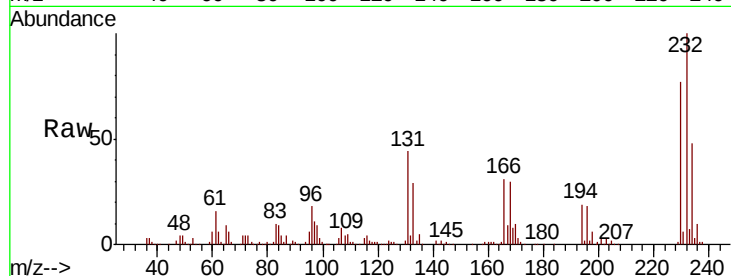




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.173 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

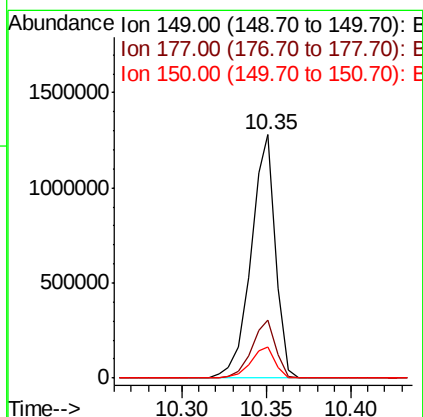
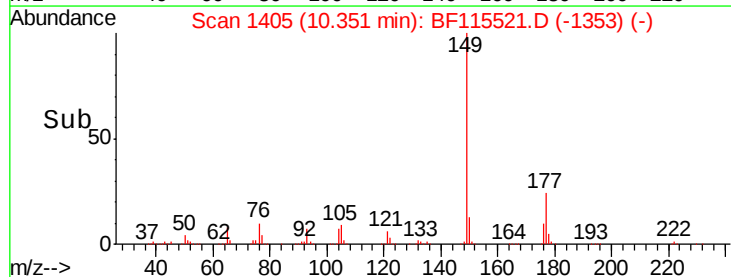
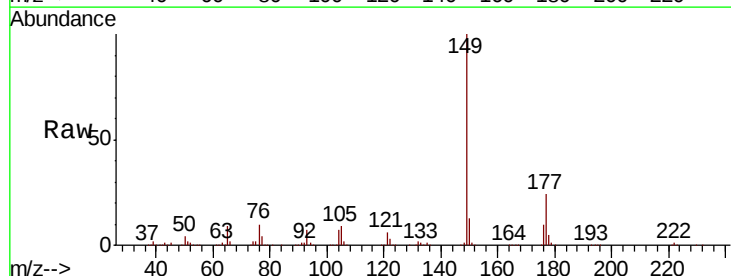
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	349019
Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.6	53.4
130	2.1	1.7	2.5
166	30.8	24.5	36.7



#60
 Diethylphthalate
 Concen: 47.065 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion:	149	Resp:	1289228
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.7	28.1
150	12.7	10.3	15.5

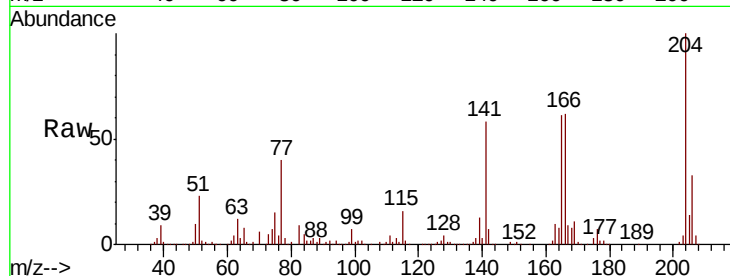




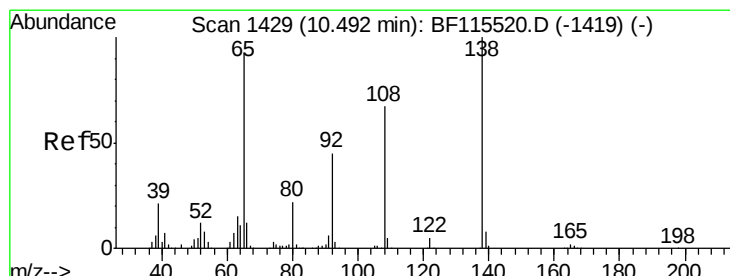
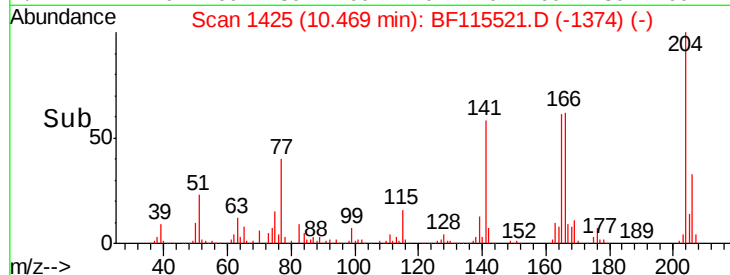
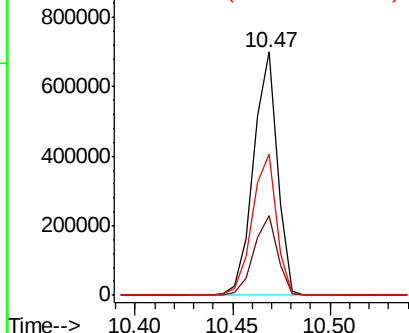
#61
 4-Chlorophenyl-phenylether
 Concen: 47.854 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	57.8	44.2	66.2

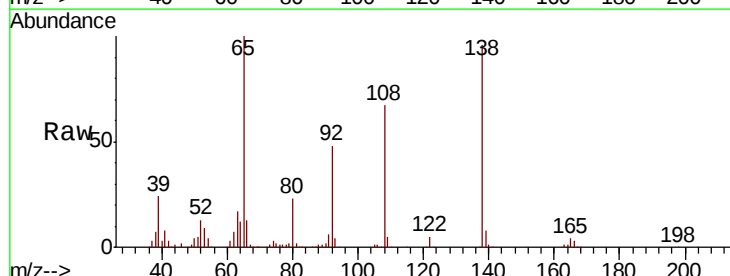


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

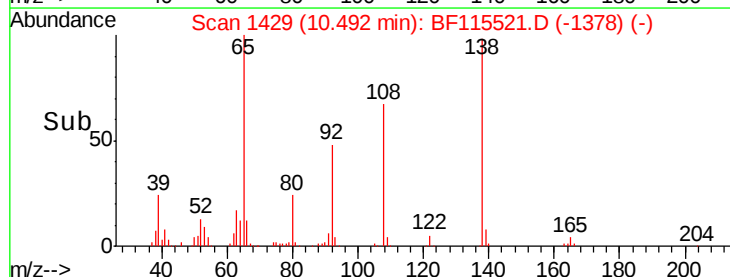
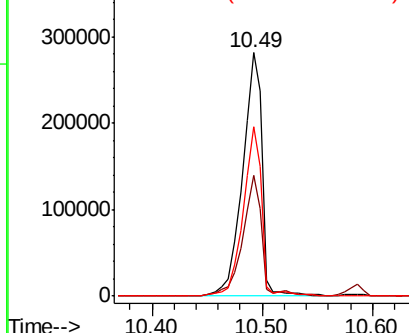


#62
 4-Nitroaniline
 Concen: 50.953 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	25.1	65.1
108	69.3	46.7	86.7



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: 44.866 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

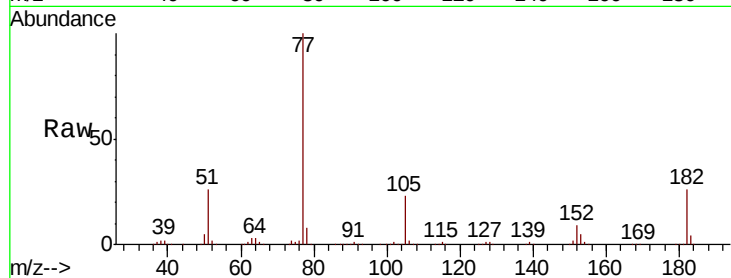
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1266866

Ion	Ratio	Lower	Upper
77	100		
182	25.9	6.6	46.6
105	23.1	3.2	43.2
51	26.2	5.4	45.4

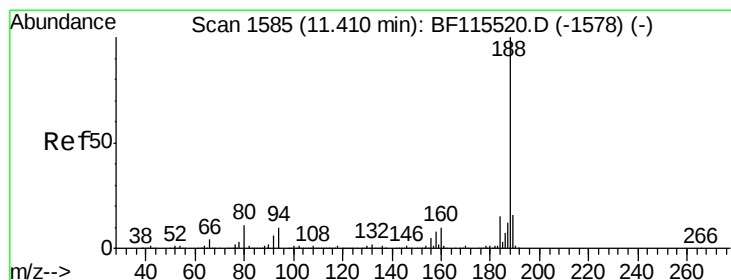
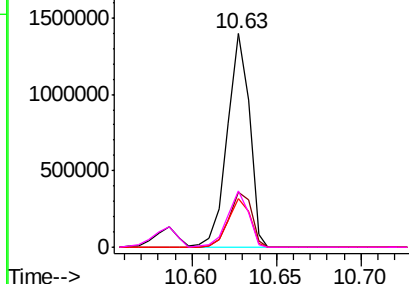
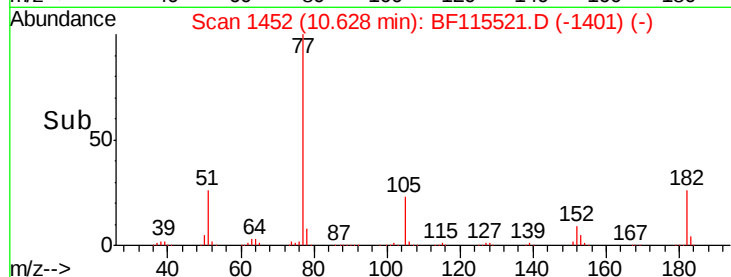


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

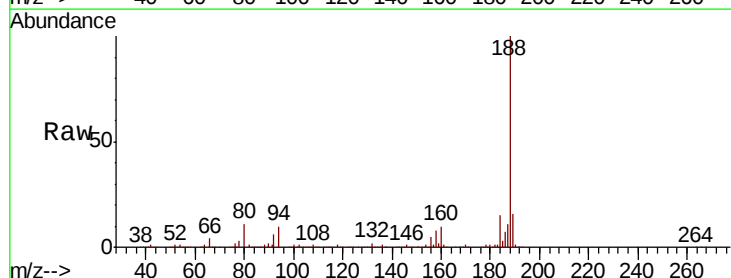
Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Tgt Ion: 188 Resp: 691173

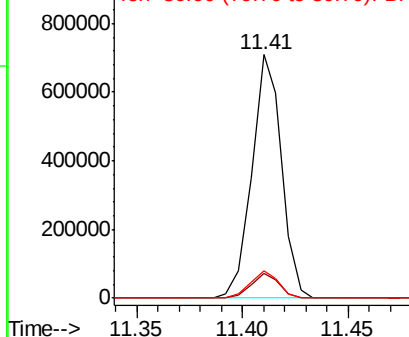
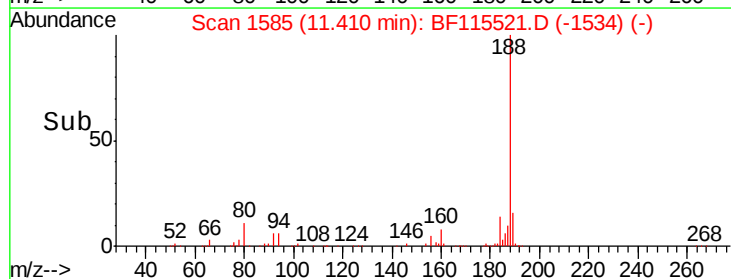
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	11.0	9.0	13.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

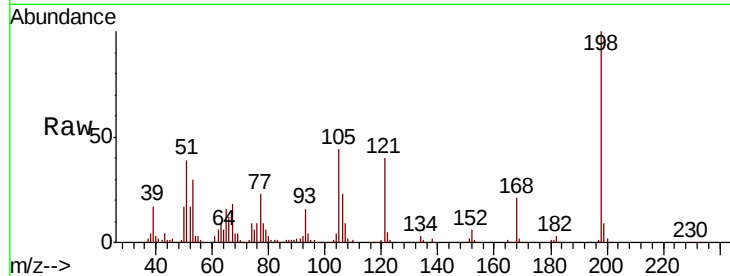




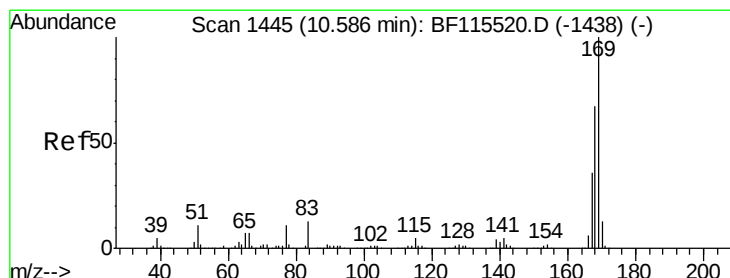
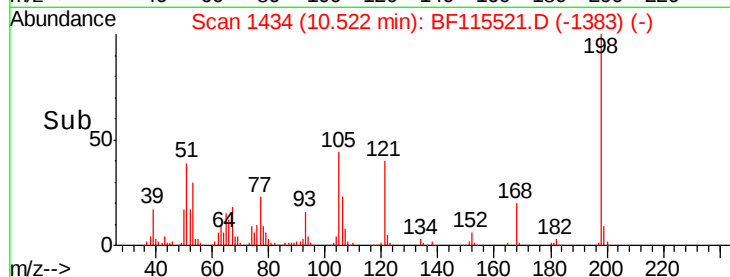
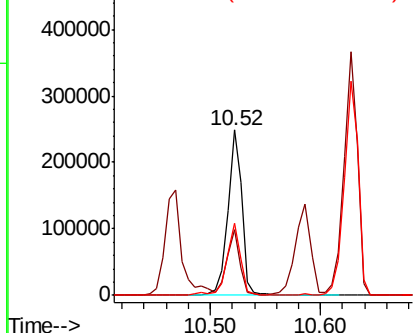
#65
 4,6-Dinitro-2-methylphenol
 Concen: 74.010 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 222229
 Ion Ratio Lower Upper
 198 100
 51 39.3 12.0 52.0
 105 43.8 19.5 59.5

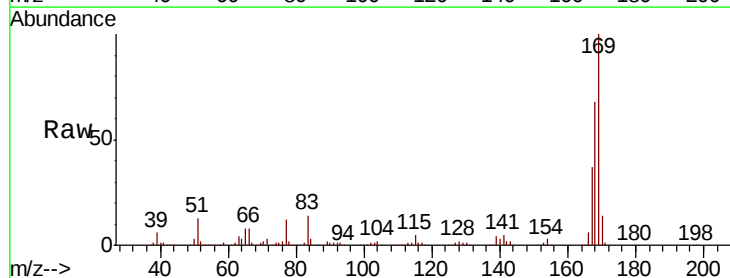


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

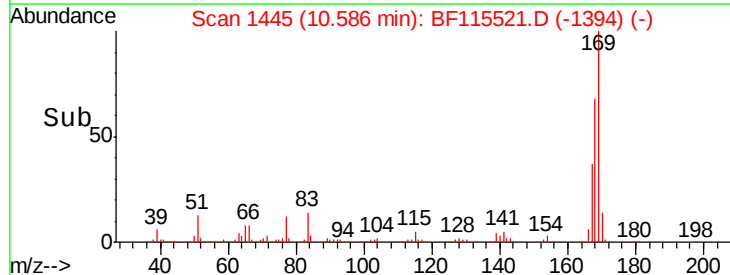
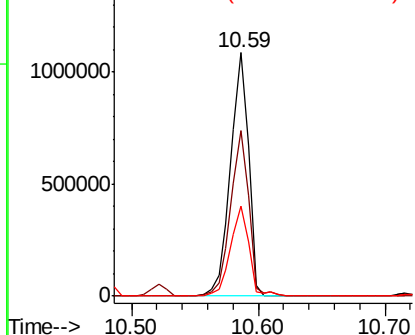


#66
 n-Nitrosodiphenylamine
 Concen: 48.923 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion:169 Resp: 1065434
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.5 80.3
 167 37.1 28.9 43.3



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

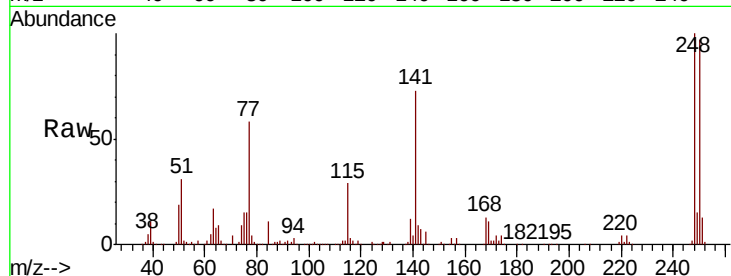




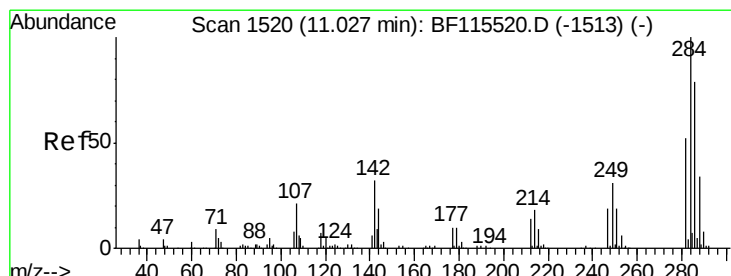
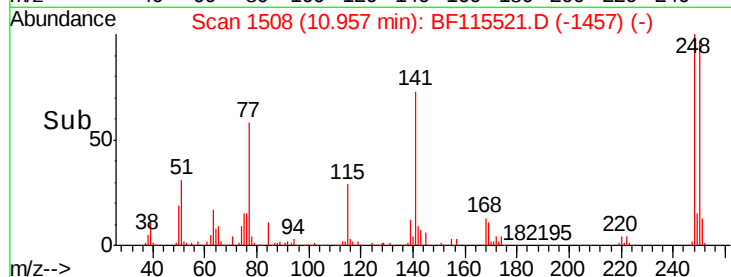
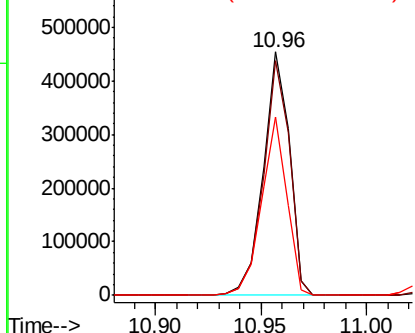
#67
4-Bromophenyl-phenylether
Concen: 50.525 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 391849
Ion Ratio Lower Upper
248 100
250 96.5 76.6 115.0
141 73.0 53.7 80.5

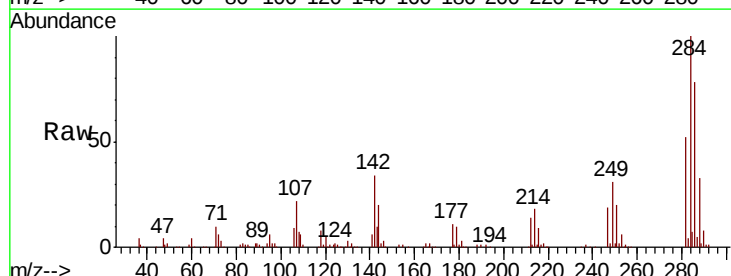


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

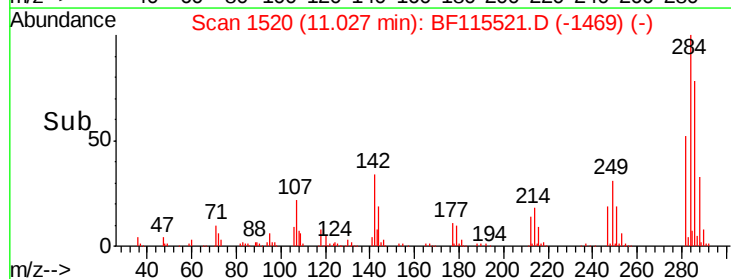
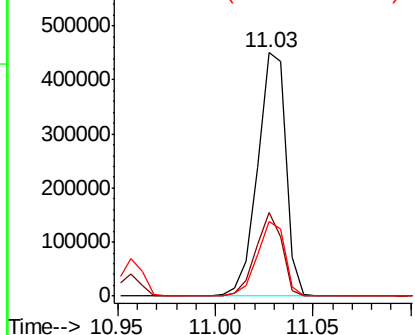


#68
Hexachlorobenzene
Concen: 51.922 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:284 Resp: 451856
Ion Ratio Lower Upper
284 100
142 34.3 25.8 38.8
249 30.7 24.4 36.6



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

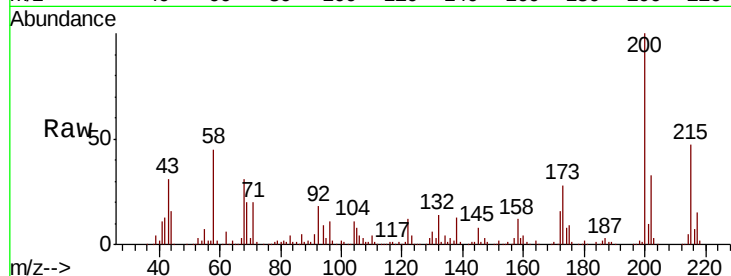




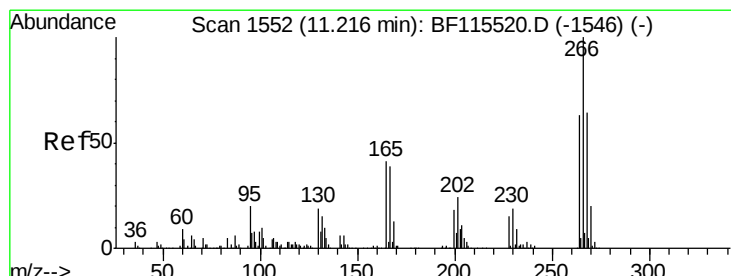
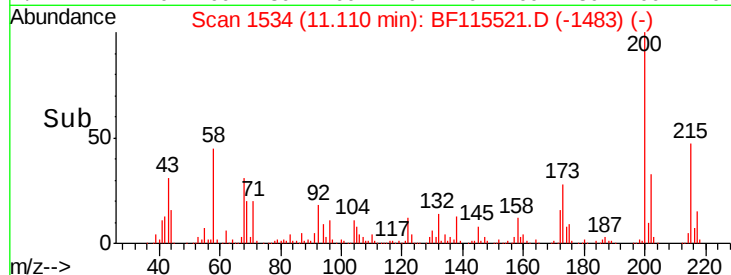
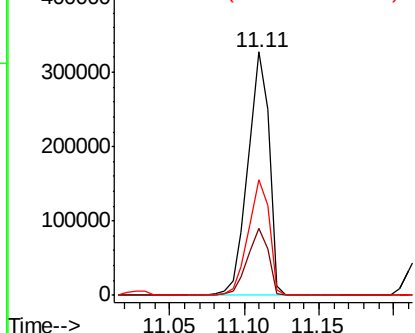
#69
Atrazine
Concen: 47.680 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 321346
Ion Ratio Lower Upper
200 100
173 27.7 6.9 46.9
215 47.4 27.9 67.9

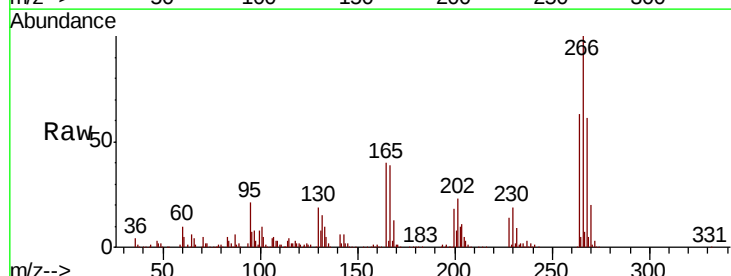


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

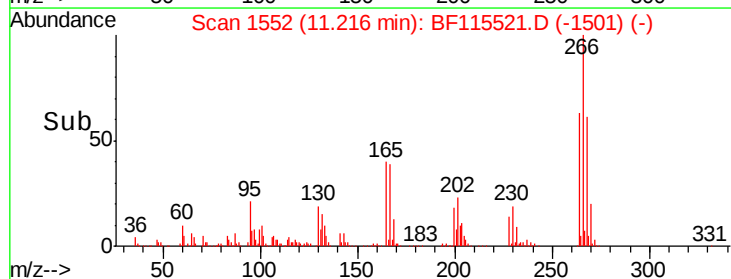
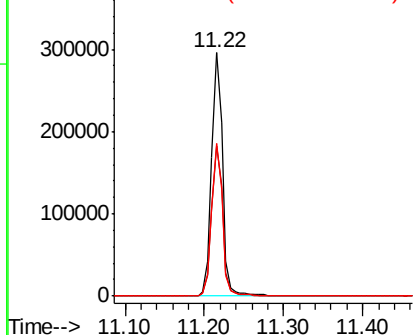


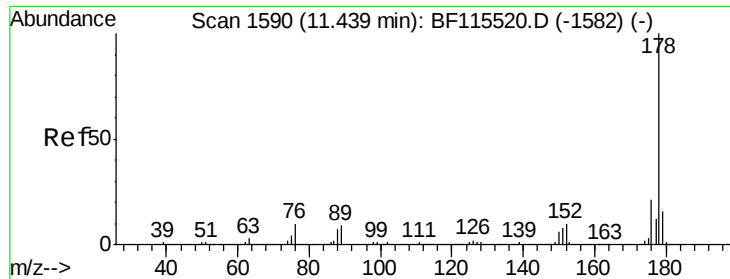
#70
Pentachlorophenol
Concen: 53.845 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:266 Resp: 285576
Ion Ratio Lower Upper
266 100
268 61.4 51.0 76.6
264 62.7 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

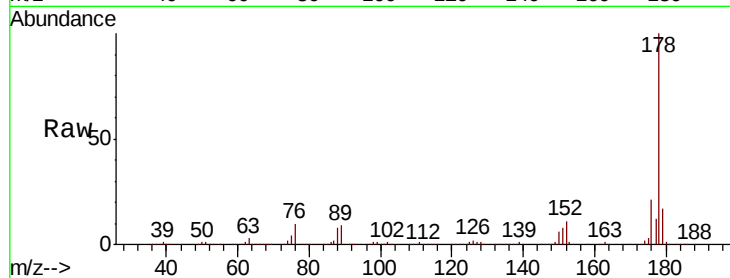




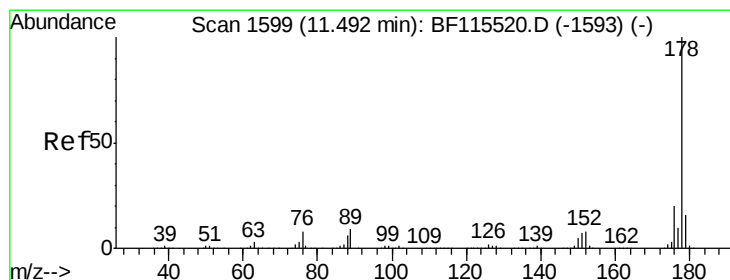
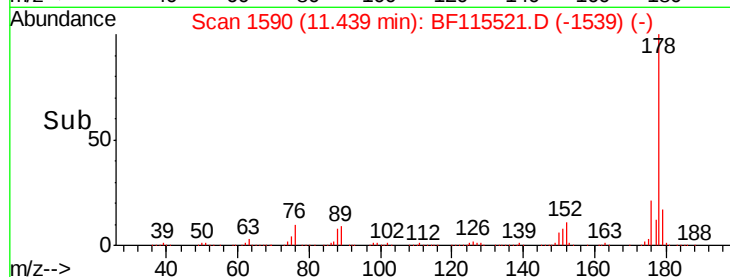
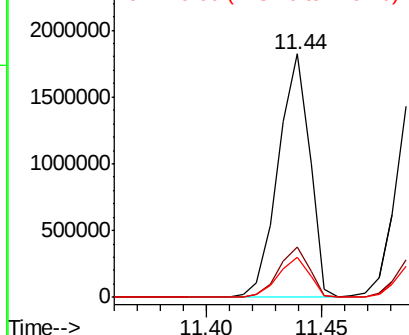
#71
Phenanthrene
Concen: 47.413 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1723489
Ion Ratio Lower Upper
178 100
176 20.7 16.5 24.7
179 16.6 12.8 19.2

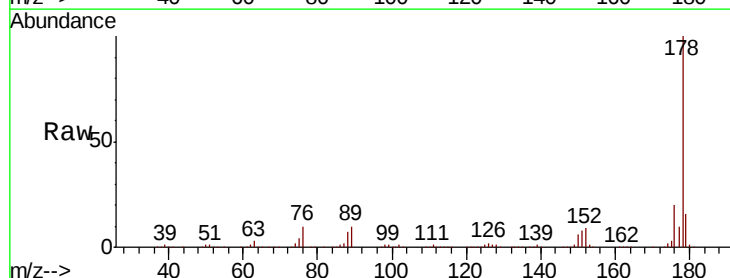


Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

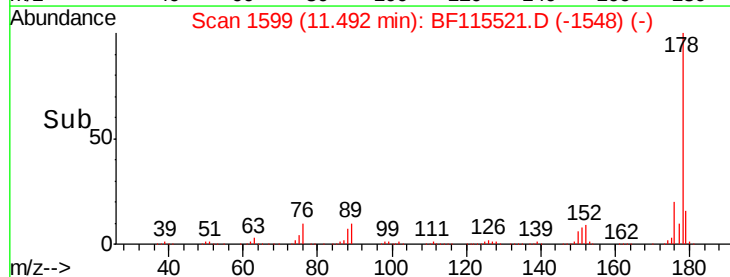
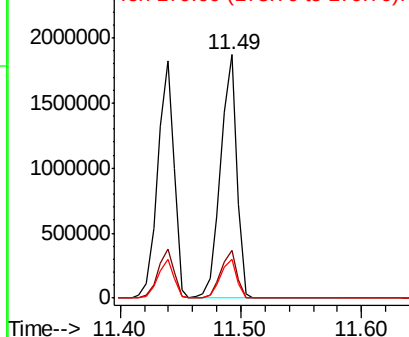


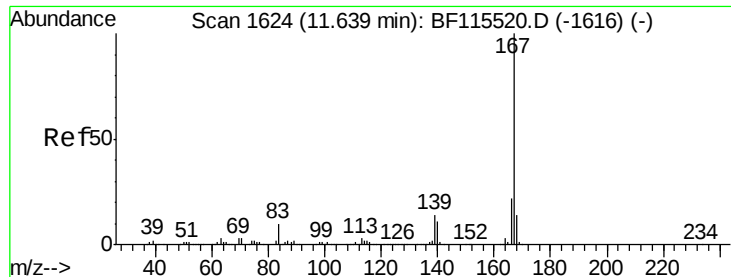
#72
Anthracene
Concen: 47.305 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:178 Resp: 1724332
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

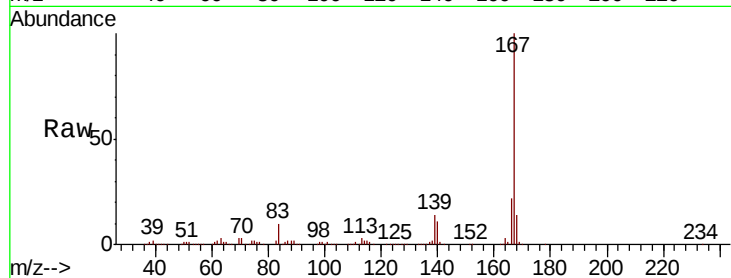




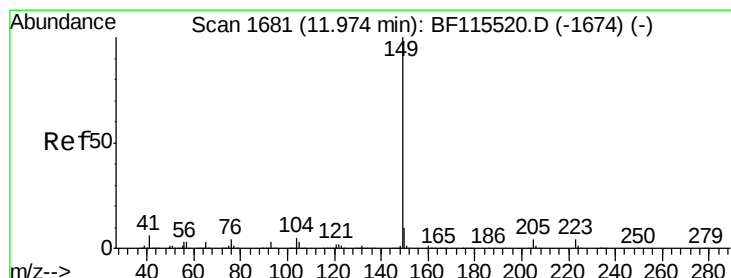
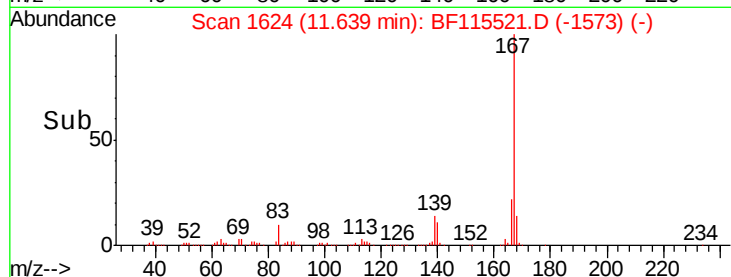
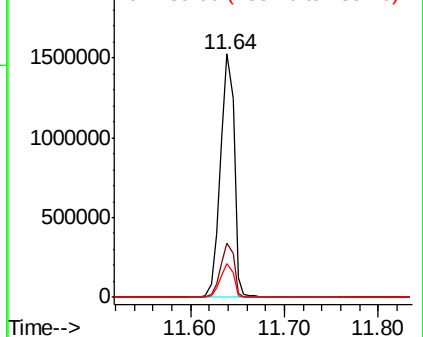
#73
 Carbazole
 Concen: 47.464 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1582794
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 14.0 11.0 16.6

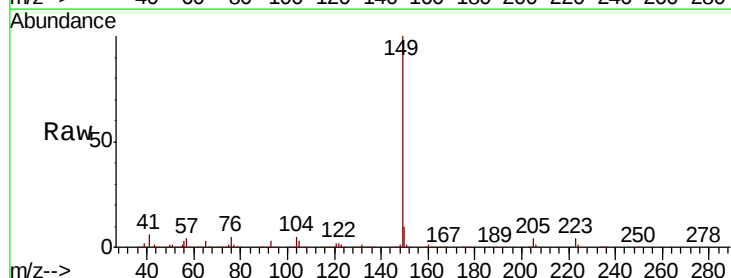


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

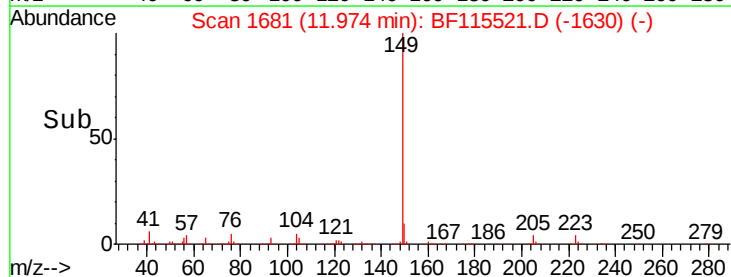
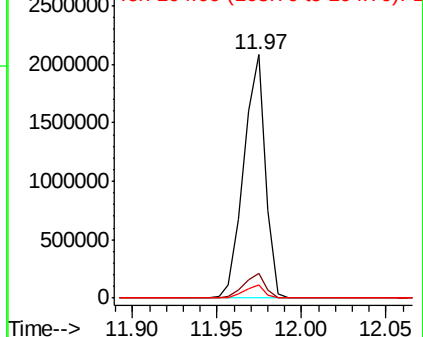


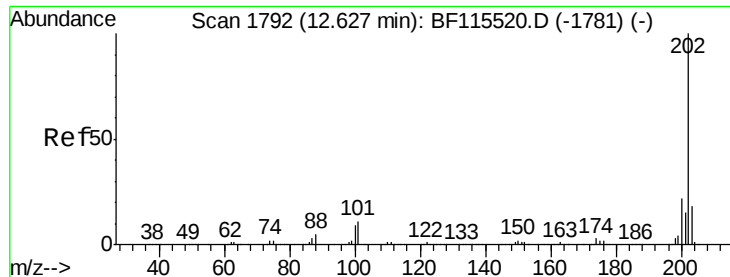
#74
 Di-n-butylphthalate
 Concen: 46.255 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion:149 Resp: 1864157
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

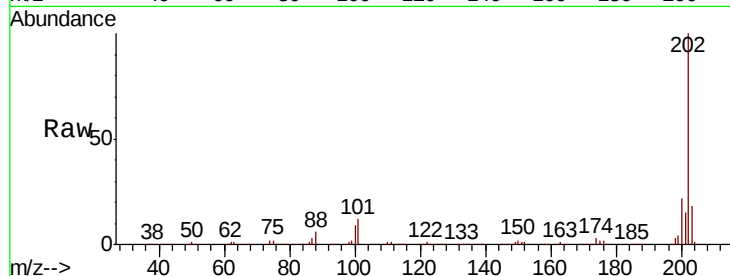




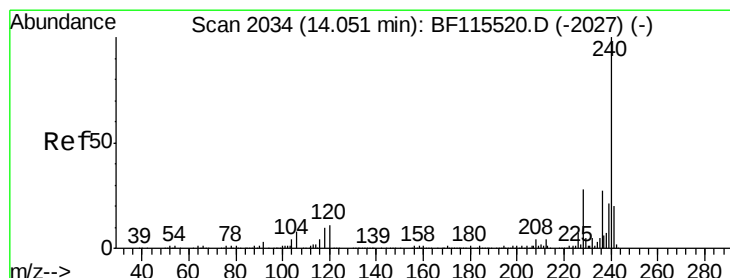
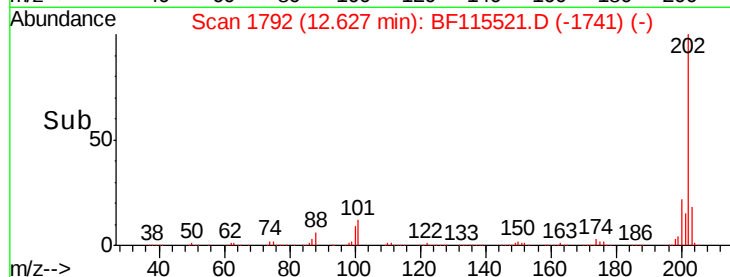
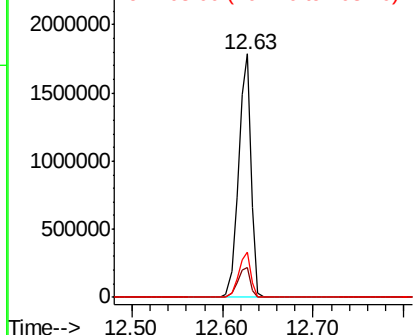
#75
 Fluoranthene
 Concen: 45.839 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1754455
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 31.4
 203 18.4 0.0 38.1

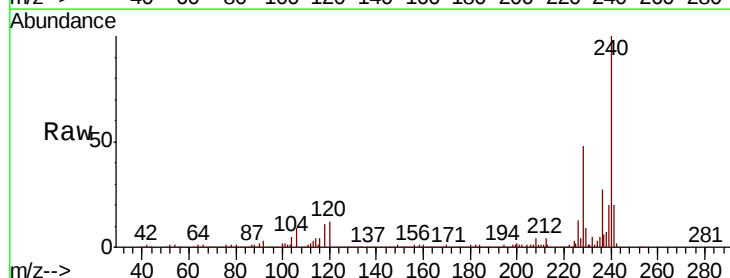


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

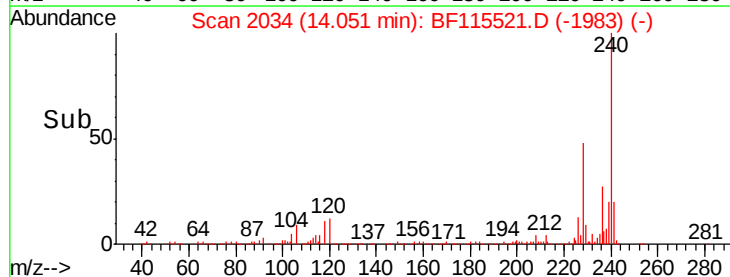
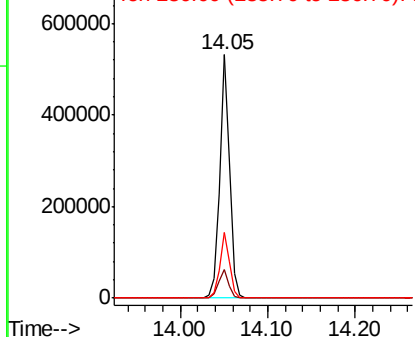


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion:240 Resp: 416362
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.1 13.7
 236 27.0 21.4 32.2



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





#77

Benzidine

Concen: 40.221 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

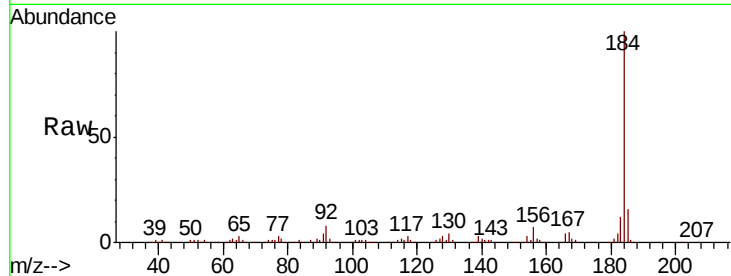
Tot Ion:184 Resp: 653057

Ion Ratio Lower Upper

184 100

185 15.8 12.0 18.0

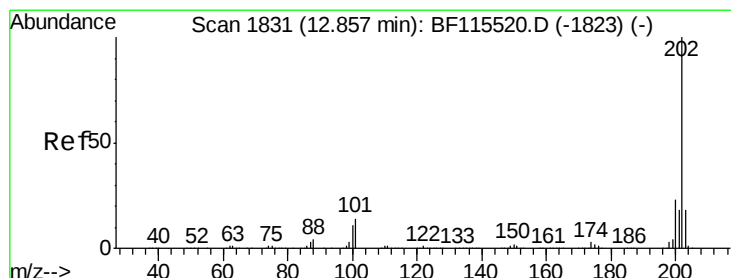
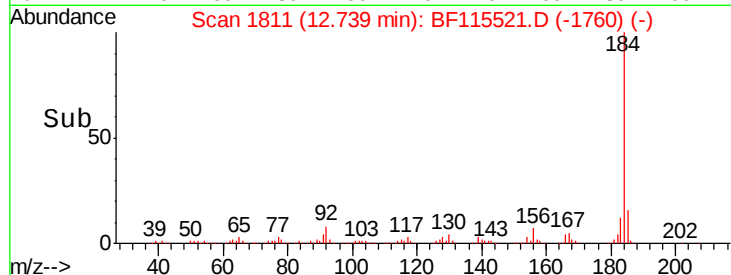
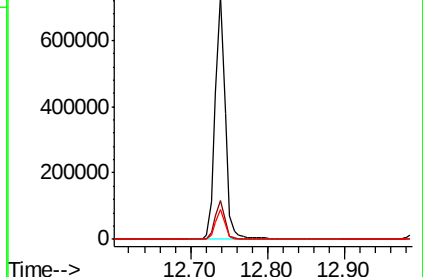
183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.635 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

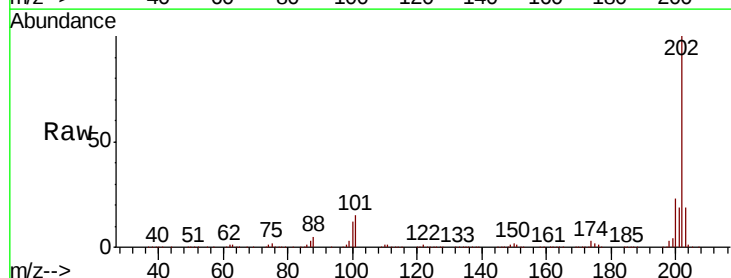
Tgt Ion:202 Resp: 1736620

Ion Ratio Lower Upper

202 100

200 22.8 18.0 27.0

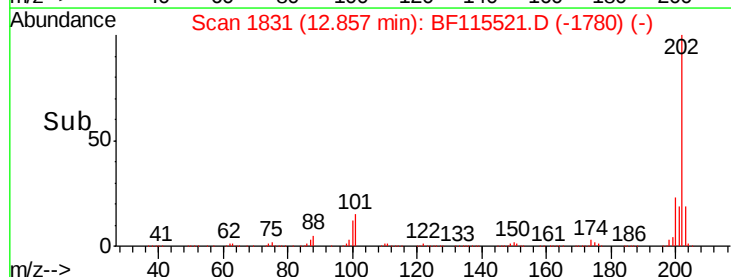
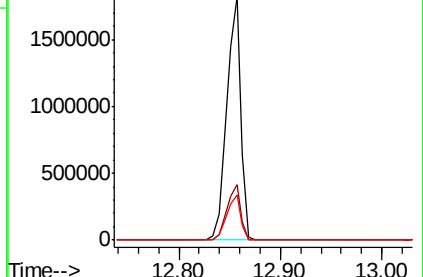
203 18.5 14.6 21.8

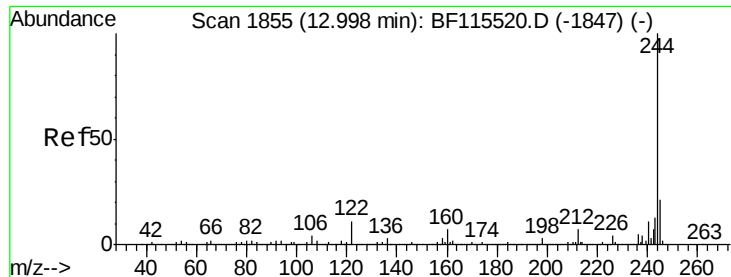


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



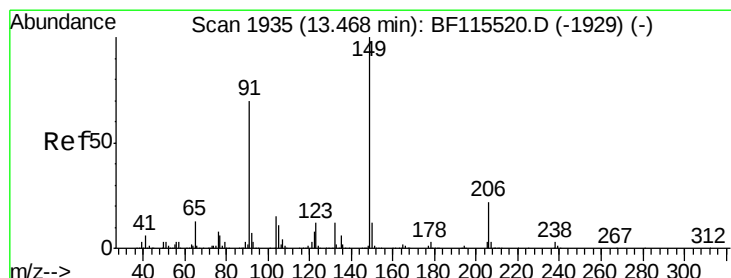
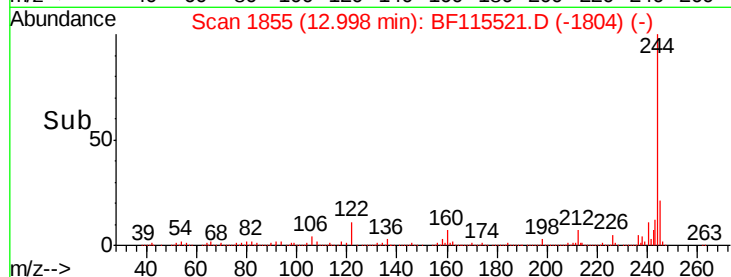
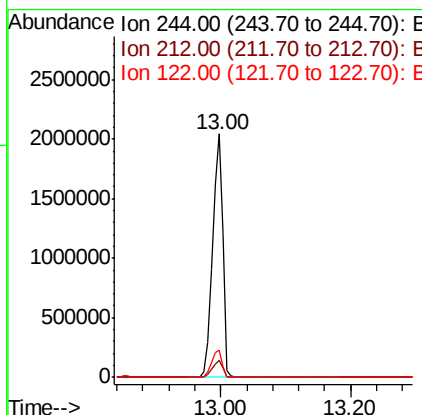
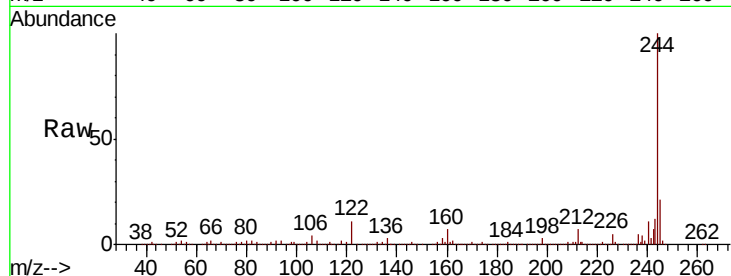


#79
 Terphenyl-d14
 Concen: 108.094 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2198107

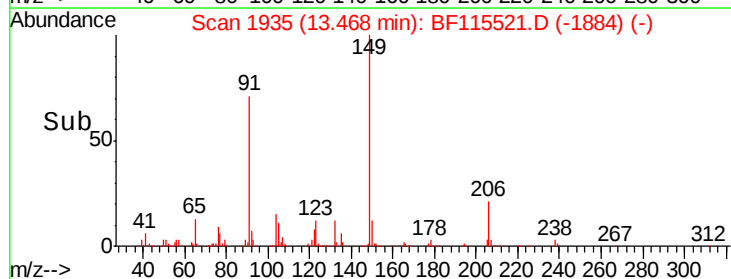
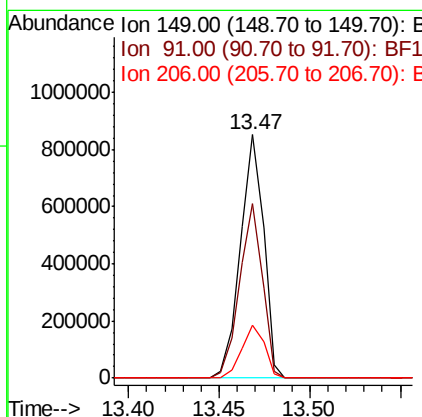
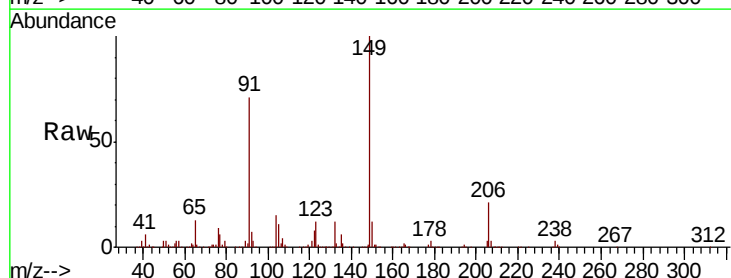
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.4	9.0	13.4

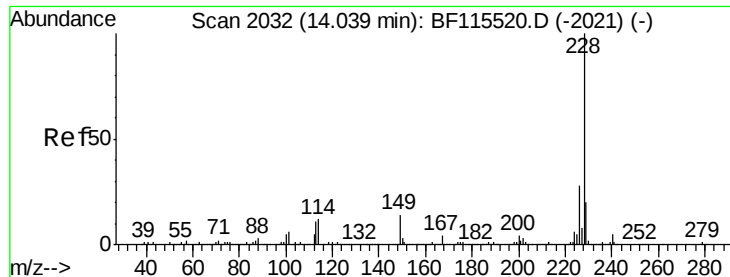


#80
 Butylbenzylphthalate
 Concen: 53.764 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BF115521.D
 Acq: 12 Jul 2019 10:54

Tgt Ion:149 Resp: 760582

Ion	Ratio	Lower	Upper
149	100		
91	71.5	56.1	84.1
206	21.5	17.4	26.2

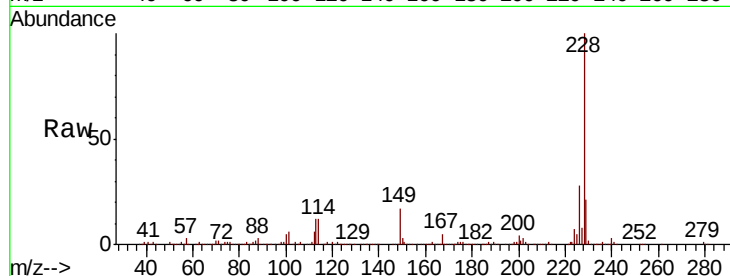




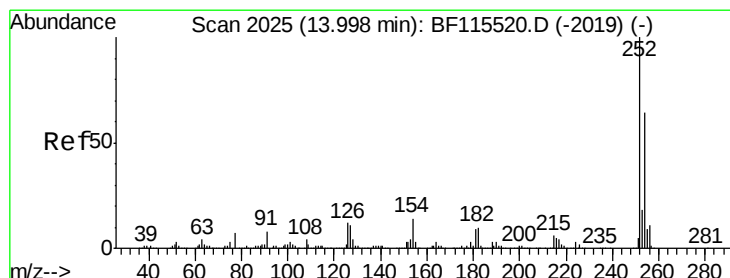
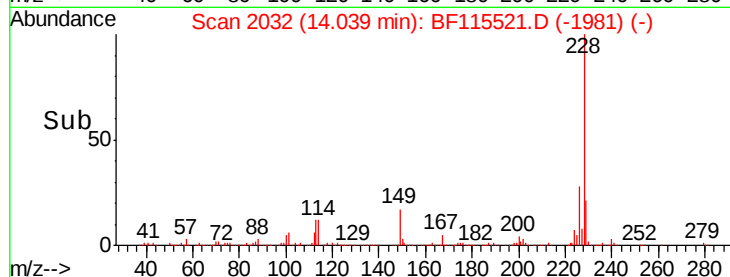
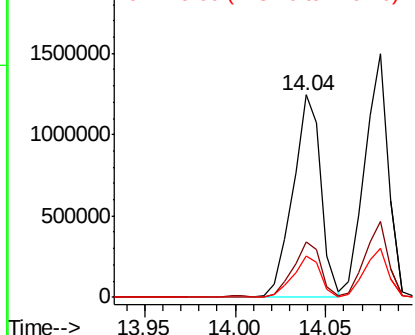
#81
Benzo(a)anthracene
Concen: 50.535 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1348173
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.5 16.1 24.1

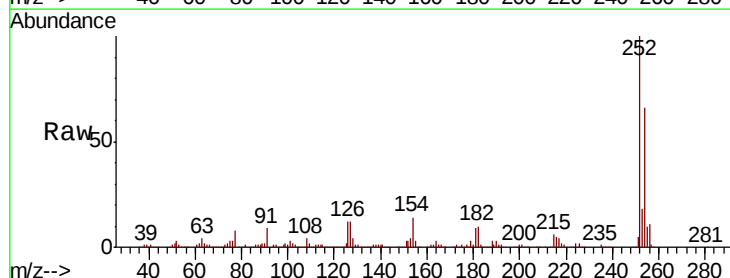


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

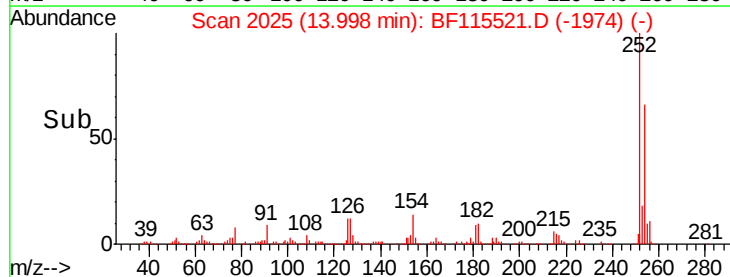
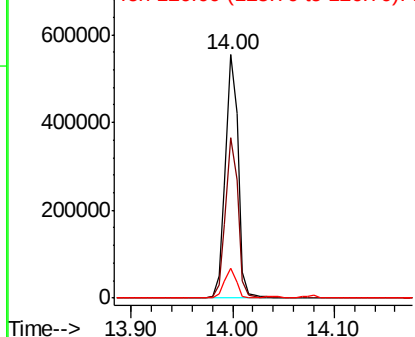


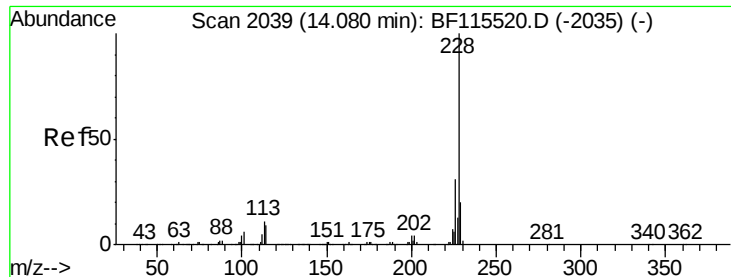
#82
3,3'-Dichlorobenzidine
Concen: 50.434 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:252 Resp: 488207
Ion Ratio Lower Upper
252 100
254 65.8 51.1 76.7
126 12.5 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 49.736 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

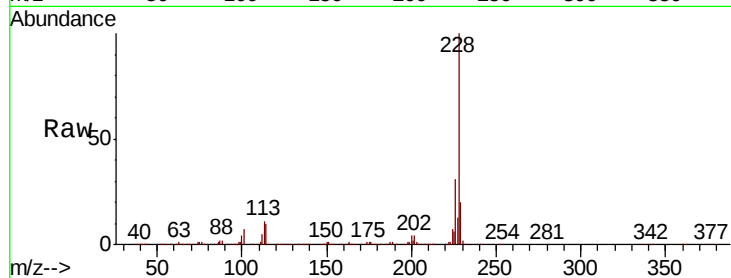
Tot Ion:228 Resp: 1363313

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

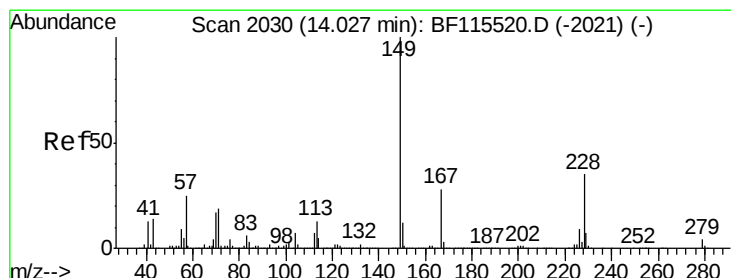
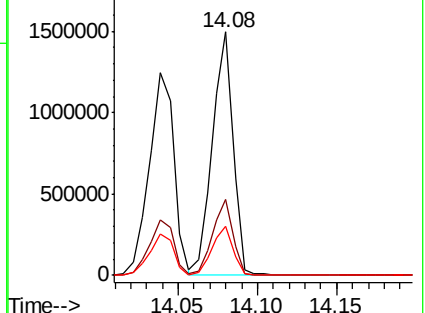
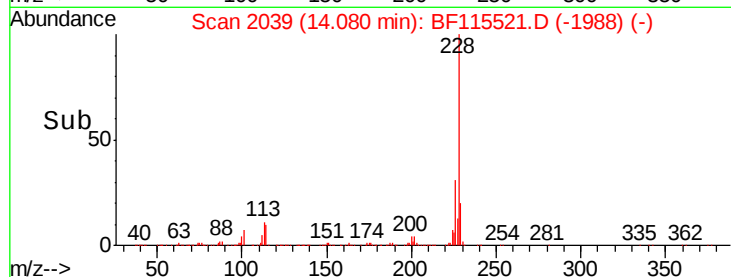
229 20.2 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.542 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

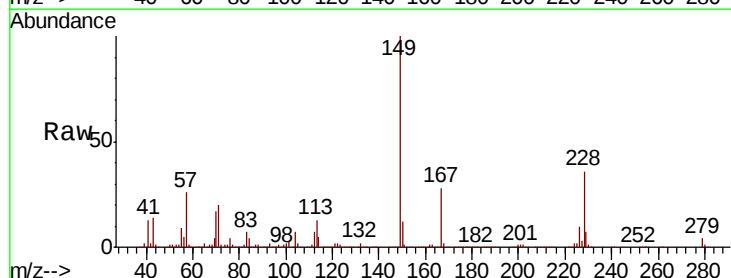
Tgt Ion:149 Resp: 938021

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

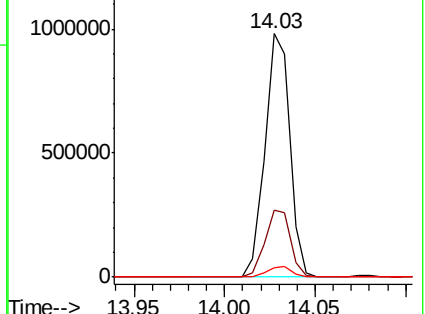
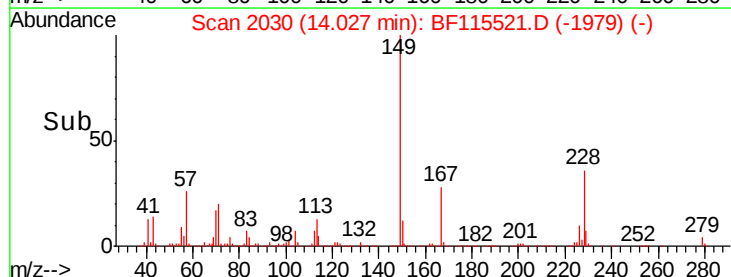
279 4.1 3.1 4.7

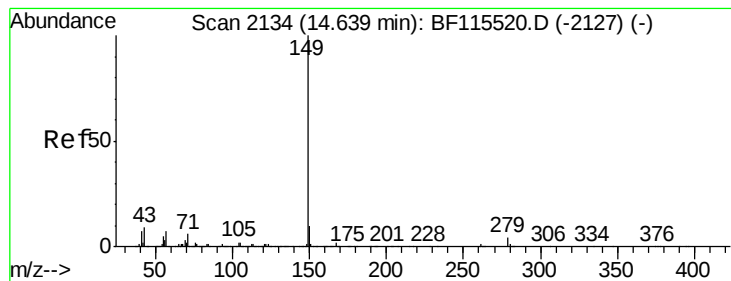


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.713 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

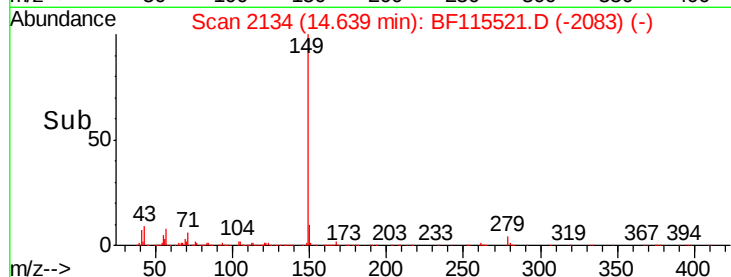
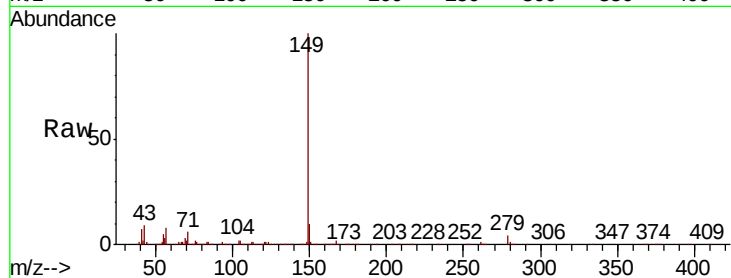
Tot Ion:149 Resp: 1488080

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

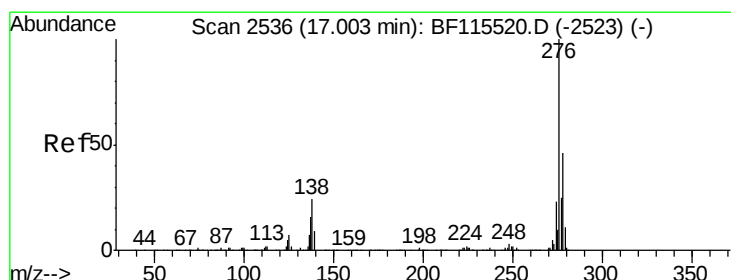
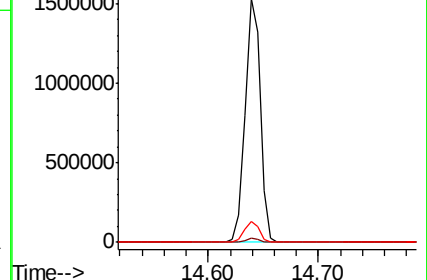
43 8.4 6.8 10.2



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: 47.518 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

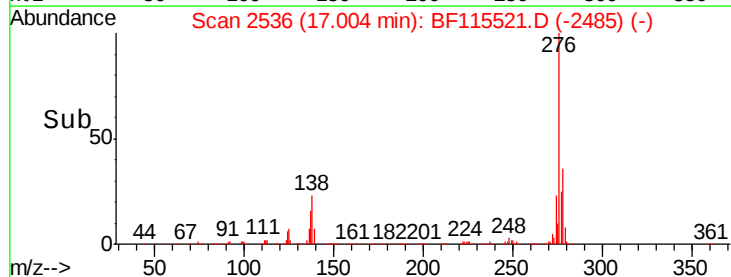
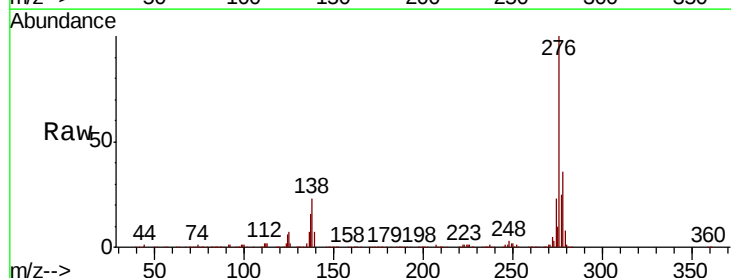
Tgt Ion:276 Resp: 1127259

Ion Ratio Lower Upper

276 100

138 25.3 20.0 30.0

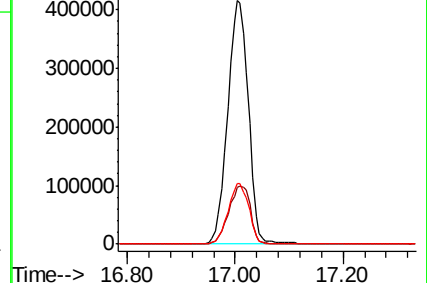
277 25.1 20.1 30.1

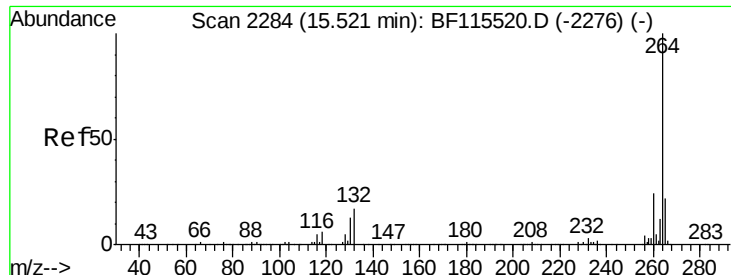


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



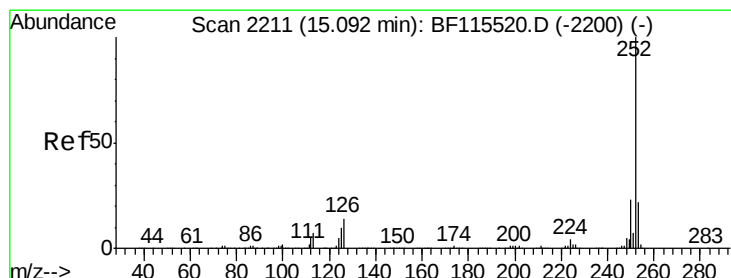
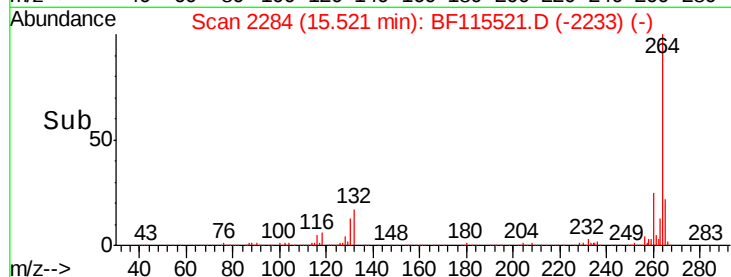
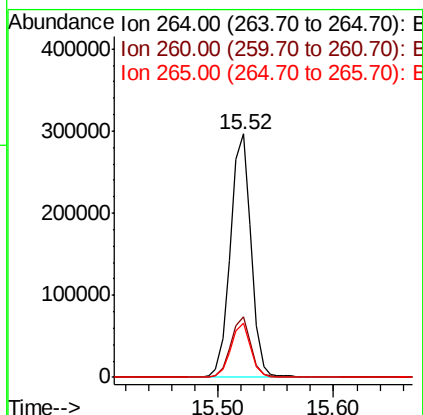
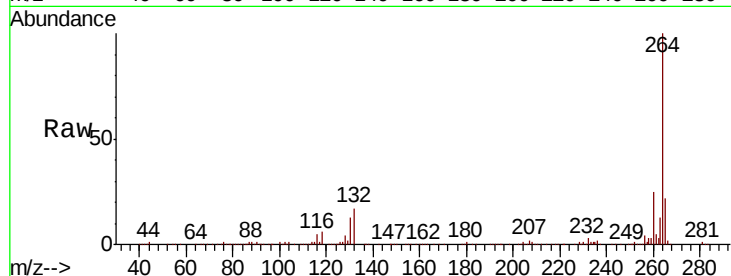


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 367922

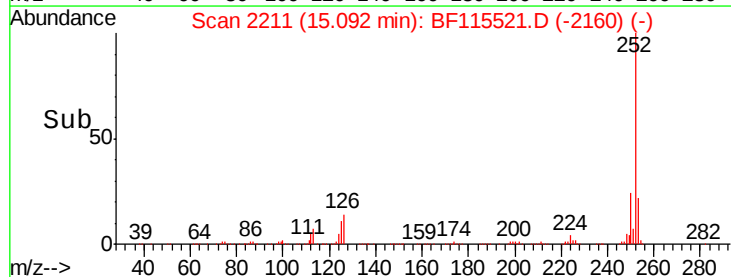
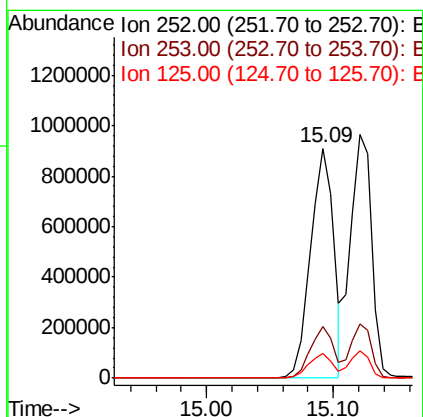
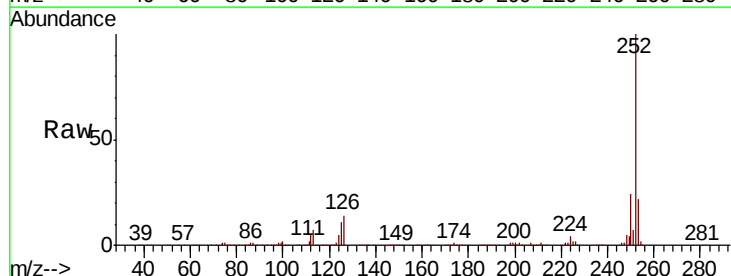
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.0	17.2	25.8

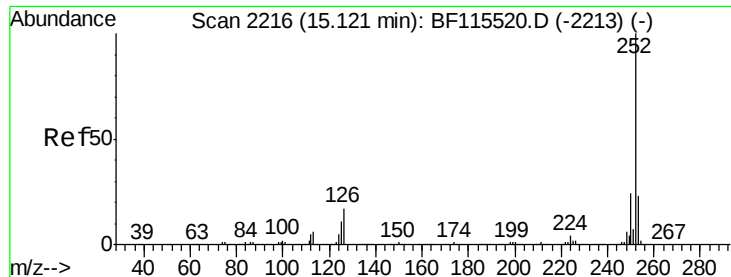


#88
Benzo(b)fluoranthene
Concen: 47.479 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:252 Resp: 1137359

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.7	8.3	12.5

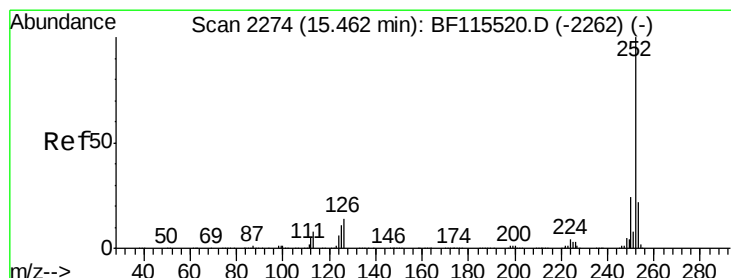
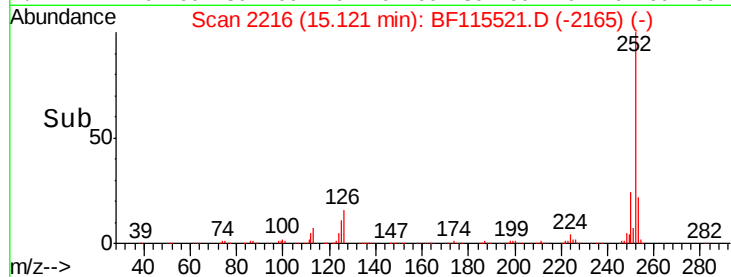
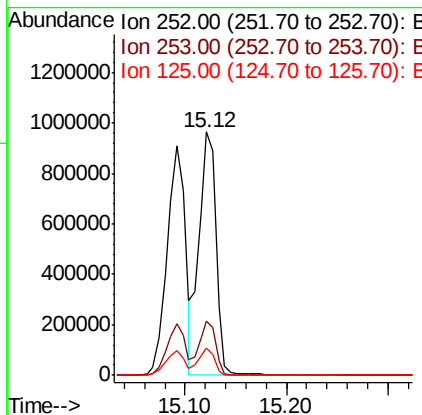
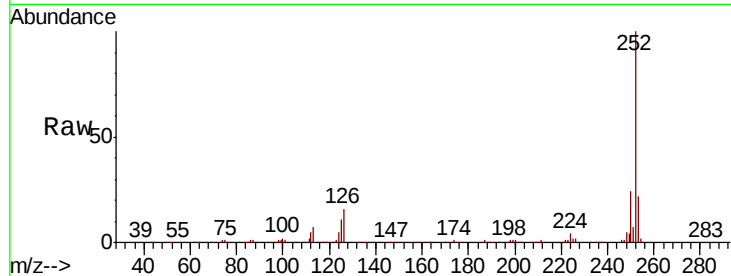




#89
Benzo(k)fluoranthene
Concen: 52.819 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

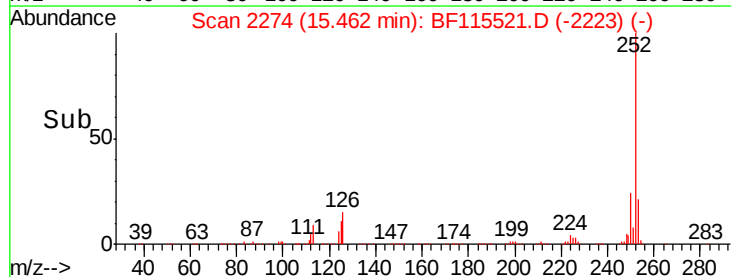
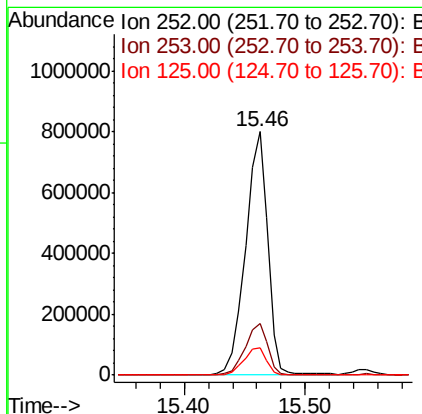
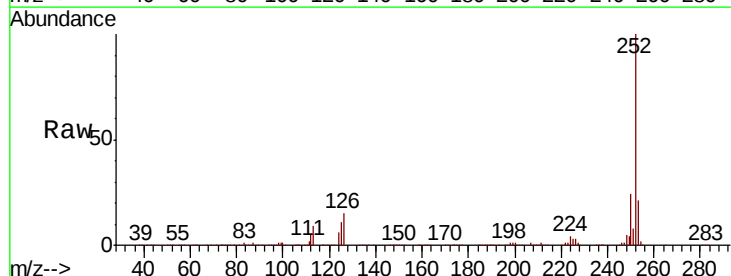
Instrument :
BNA_F
ClientSampleId :

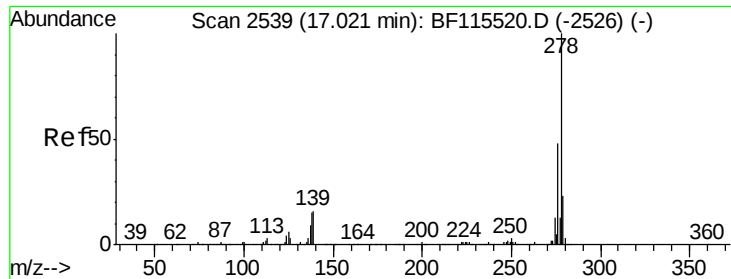
Tot Ion:252 Resp: 1125257
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.2 8.7 13.1



#90
Benzo(a)pyrene
Concen: 49.672 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115521.D
Acq: 12 Jul 2019 10:54

Tgt Ion:252 Resp: 1026295
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 11.2 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 51.555 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

Instrument :

BNA_F

ClientSampleId :

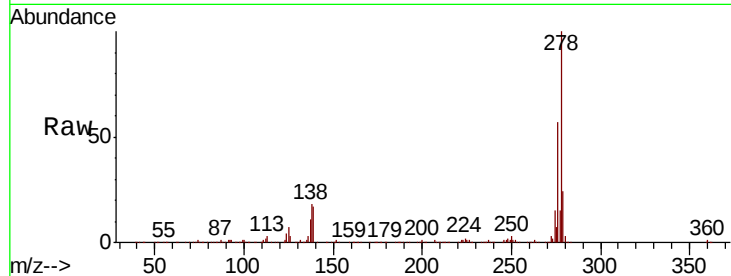
Tot Ion:278 Resp: 910237

Ion Ratio Lower Upper

278 100

139 17.0 12.8 19.2

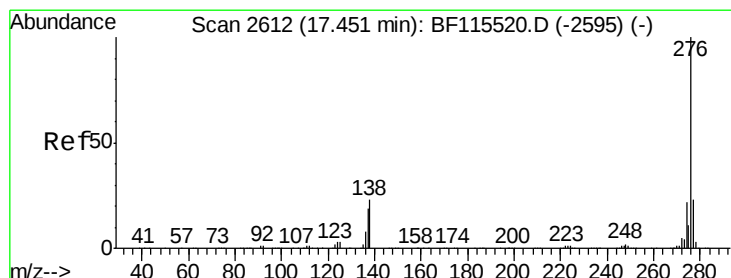
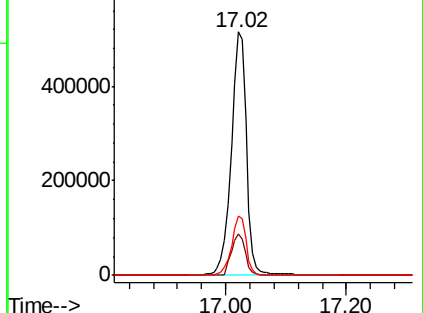
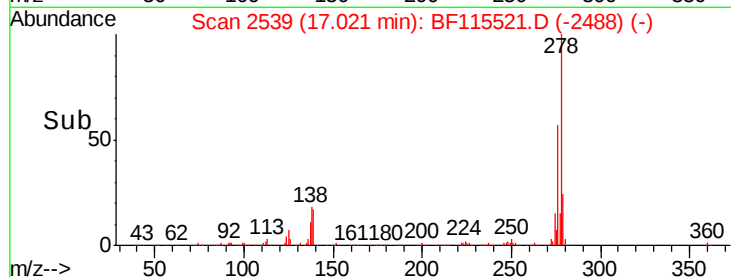
279 24.1 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.613 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF115521.D

Acq: 12 Jul 2019 10:54

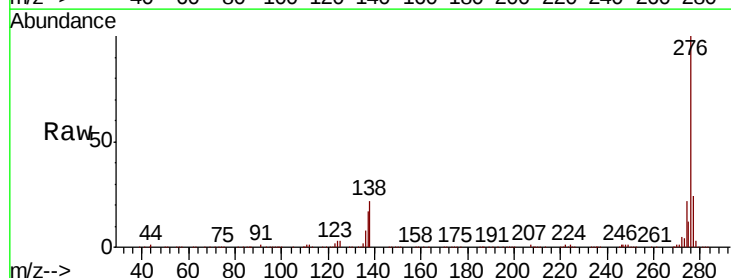
Tgt Ion:276 Resp: 912649

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 21.9 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

