

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115554.D
 Acq On : 15 Jul 2019 9:54
 Operator : HP/JU
 Sample : PB121170BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:34:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	275358	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1060618	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	520845	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	978669	20.00	ng	0.00
76) Chrysene-d12	14.05	240	607649	20.00	ng	0.00
87) Perylene-d12	15.51	264	516490	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	2073085	123.15	ng	0.02
7) Phenol-d6	6.53	99	2589828	121.24	ng	0.01
23) Nitrobenzene-d5	7.45	82	1686042	92.43	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	813245	133.77	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2877164	96.69	ng	0.00
79) Terphenyl-d14	12.99	244	2803656	85.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	227521	27.095	ng	98
3) Pyridine	3.57	79	575196	25.247	ng	99
4) n-Nitrosodimethylamine	3.51	42	224011	27.104	ng	95
6) Aniline	6.55	93	606060	20.388	ng	98
8) 2-Chlorophenol	6.67	128	531967	27.485	ng	99
9) Benzaldehyde	6.43	77	377794	28.303	ng	96
10) Phenol	6.54	94	649996	26.213	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	520160	27.552	ng	100
12) 1,3-Dichlorobenzene	6.83	146	602012	27.665	ng	100
13) 1,4-Dichlorobenzene	6.90	146	611949	28.185	ng	96
14) 1,2-Dichlorobenzene	7.06	146	545457	27.482	ng	97
15) Benzyl Alcohol	7.02	79	502631	29.663	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	684727	27.549	ng	97
17) 2-Methylphenol	7.13	107	488204	29.270	ng	100
18) Hexachloroethane	7.40	117	221391	27.472	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	389446	27.955	ng	98
20) 3+4-Methylphenols	7.29	107	570039	28.772	ng	95
22) Acetophenone	7.29	105	770295	32.148	ng	97
24) Nitrobenzene	7.46	77	601214	30.559	ng	95
25) Isophorone	7.70	82	1096260	30.035	ng	100
26) 2-Nitrophenol	7.78	139	312573	30.867	ng	96
27) 2,4-Dimethylphenol	7.82	122	532818	35.166	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	679825	30.361	ng	99
29) 2,4-Dichlorophenol	8.02	162	492811	31.274	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	542629	30.464	ng	97
31) Naphthalene	8.19	128	1603605	31.219	ng	98
32) Benzoic acid	7.95	122	378786	30.463	ng	98
33) 4-Chloroaniline	8.23	127	389098	17.101	ng	99
34) Hexachlorobutadiene	8.31	225	305478	29.907	ng	98
35) Caprolactam	8.61	113	94462	19.399	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	508148	31.088	ng	98
37) 2-Methylnaphthalene	8.88	142	1090740	32.035	ng	98
38) 1-Methylnaphthalene	8.98	142	1016500	31.431	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	492099	31.375	ng	98

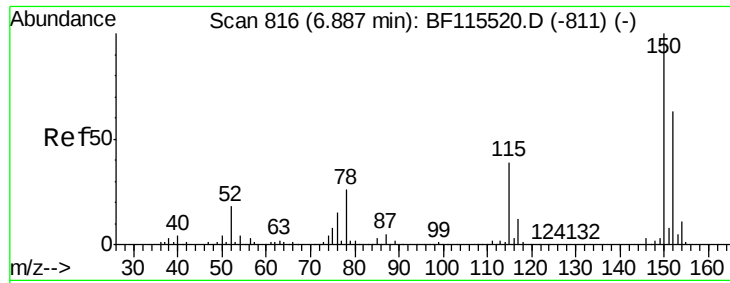
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	520940	58.225	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	368064	32.089	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	360630	30.701	ng	99
46) 1,1'-Biphenyl	9.35	154	1314199	32.275	ng	98
47) 2-Chloronaphthalene	9.37	162	1042932	30.761	ng	98
48) 2-Nitroaniline	9.46	65	307643	29.316	ng	99
49) Acenaphthylene	9.79	152	1569389	31.239	ng	98
50) Dimethylphthalate	9.65	163	1189745	30.361	ng	100
51) 2,6-Dinitrotoluene	9.70	165	277232	31.131	ng	90
52) Acenaphthene	9.96	154	1095750	33.783	ng	99
53) 3-Nitroaniline	9.87	138	202287	19.877	ng	97
54) 2,4-Dinitrophenol	9.98	184	272798	59.664	ng	# 90
55) Dibenzofuran	10.13	168	1398314	30.358	ng	99
56) 4-Nitrophenol	10.03	139	440540	56.768	ng	100
57) 2,4-Dinitrotoluene	10.11	165	364868	31.625	ng	# 86
58) Fluorene	10.47	166	1041366	31.625	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	307299	31.295	ng	99
60) Diethylphthalate	10.35	149	1131891	30.828	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	532548	29.164	ng	98
62) 4-Nitroaniline	10.49	138	284556	29.150	ng	97
63) Azobenzene	10.62	77	1098460	30.844	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	184500	30.856	ng	97
66) n-Nitrosodiphenylamine	10.58	169	966951	31.763	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	343168	30.684	ng	97
68) Hexachlorobenzene	11.02	284	381581	29.876	ng	93
69) Atrazine	11.10	200	315403	31.581	ng	98
70) Pentachlorophenol	11.22	266	452764	57.960	ng	99
71) Phenanthrene	11.43	178	1533619	30.571	ng	98
72) Anthracene	11.49	178	1569082	30.265	ng	99
73) Carbazole	11.63	167	1375560	30.256	ng	100
74) Di-n-butylphthalate	11.96	149	1664481	29.722	ng	99
75) Fluoranthene	12.62	202	1592804	30.046	ng	98
77) Benzidine	12.73	184	521411	24.222	ng	100
78) Pyrene	12.85	202	1587712	30.840	ng	98
80) Butylbenzylphthalate	13.46	149	677627	30.876	ng	98
81) Benzo(a)anthracene	14.03	228	1213105	30.303	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	358487	25.190	ng	99
83) Chrysene	14.07	228	1243517	30.944	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	861710	31.698	ng	99
85) Di-n-octyl phthalate	14.63	149	1409664	32.591	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	954070	27.944	ng	100
88) Benzo(b)fluoranthene	15.08	252	1043740	31.383	ng	99
89) Benzo(k)fluoranthene	15.11	252	1057824	35.676	ng	99
90) Benzo(a)pyrene	15.45	252	951152	33.275	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	805748	32.108	ng	98
92) Benzo(g,h,i)perylene	17.43	276	775346	30.980	ng	98

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

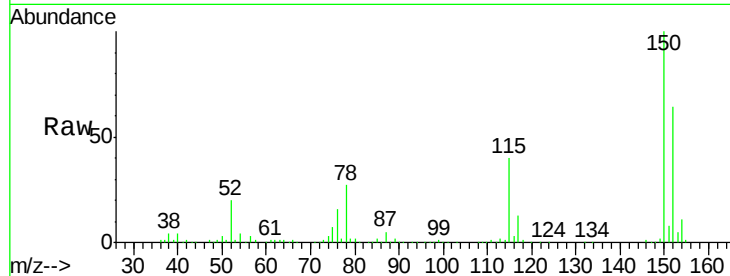


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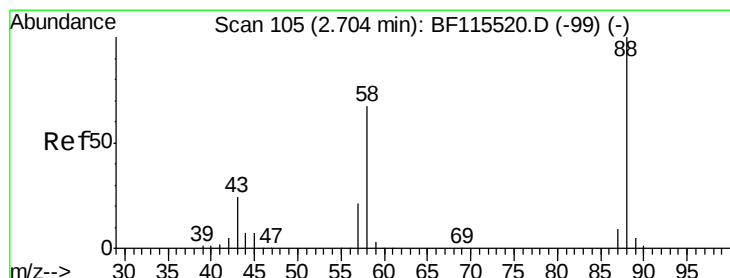
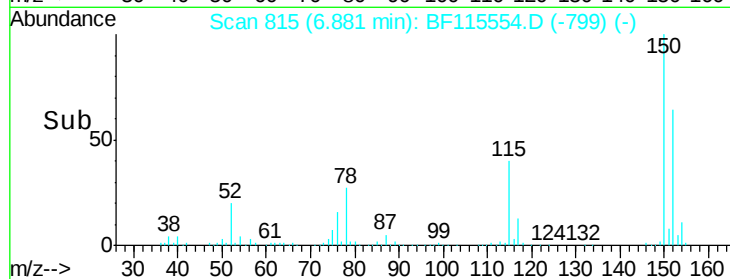
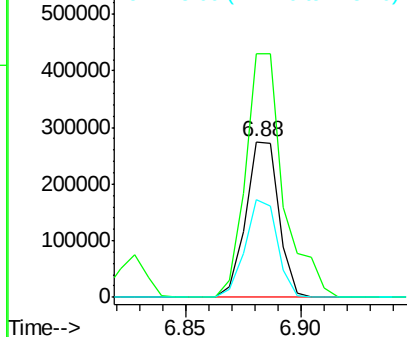
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	129.7	194.5
115	63.0	48.2	72.4



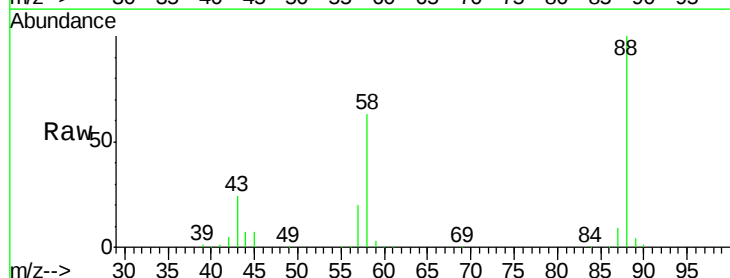
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



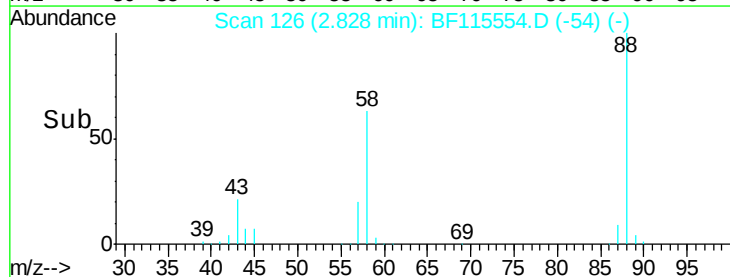
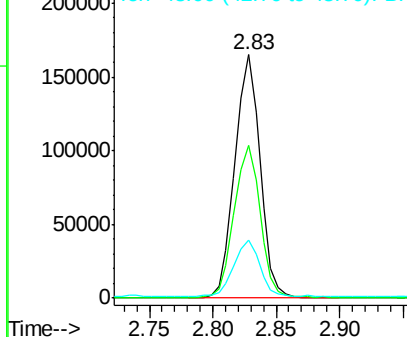
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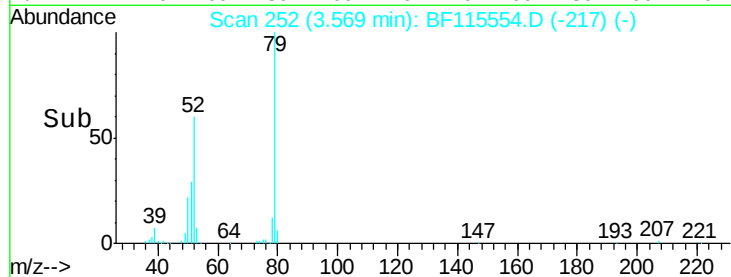
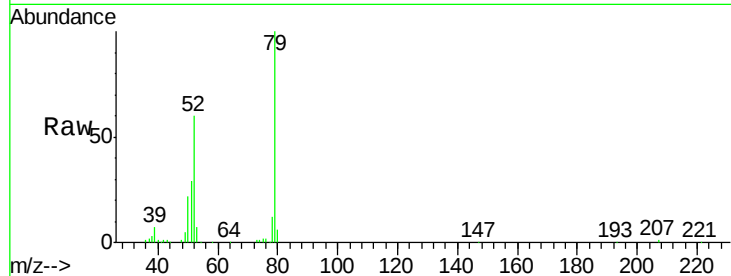
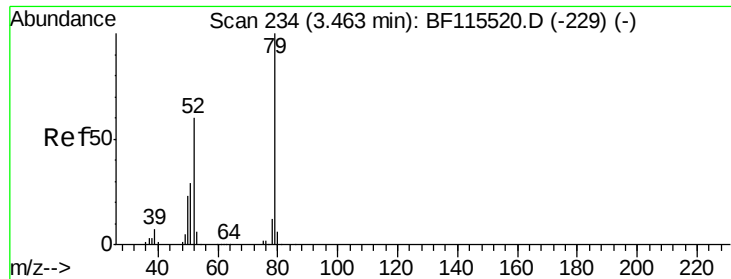
1,4-Dioxane
Concen: 27.095 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.12 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	52.6	79.0
43	23.5	19.1	28.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

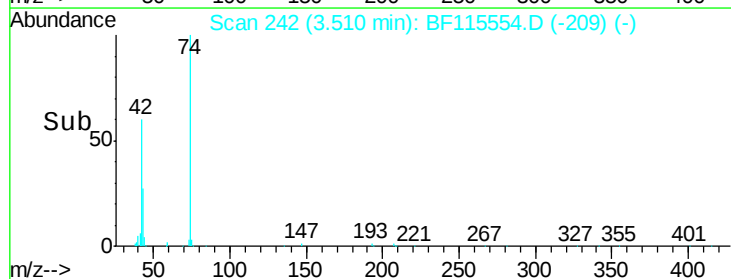
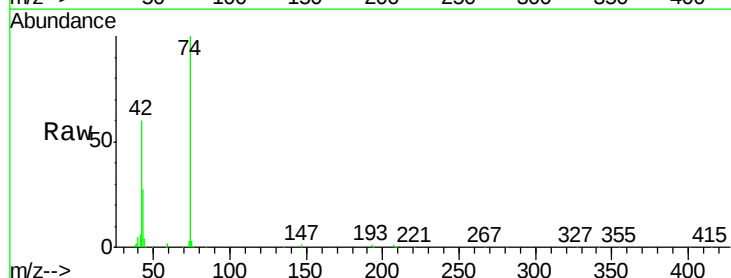
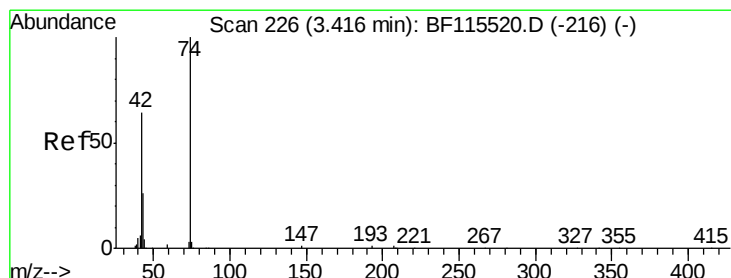
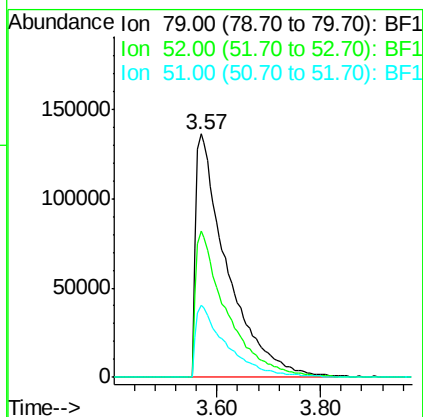




#3
 Pvrindine
 Concen: 25.247 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.11 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

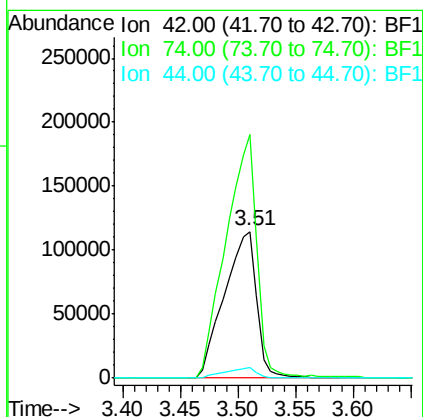
Instrument :
 BNA_F
 ClientSampleId :

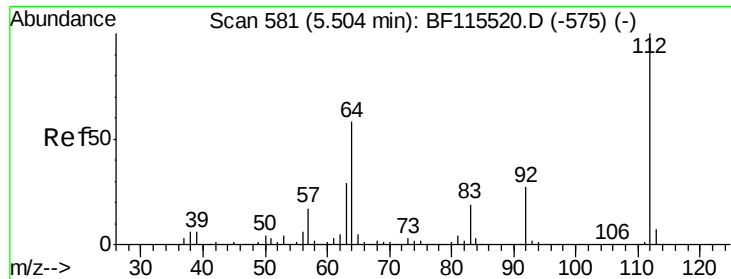
Tot Ion	Ratio	Lower	Upper
79	100		
52	60.1	47.8	71.6
51	29.4	23.8	35.8



#4
 n-Nitrosodimethylamine
 Concen: 27.104 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.09 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	165.9	127.5	191.3
44	7.3	5.0	7.6





#5

2-Fluorophenol

Concen: 123.148 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampled :

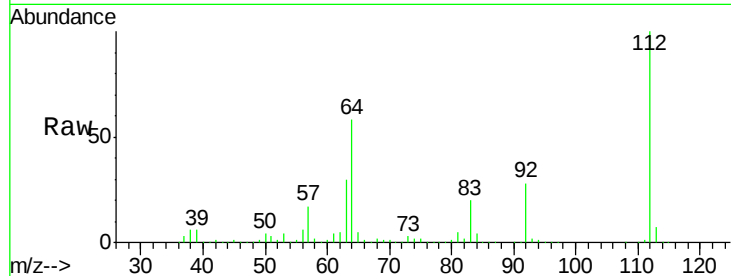
Tot Ion:112 Resp: 2073085

Ion Ratio Lower Upper

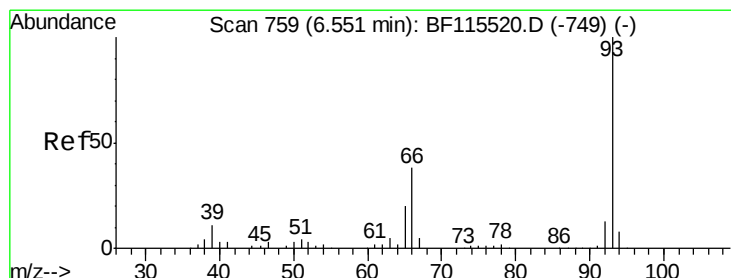
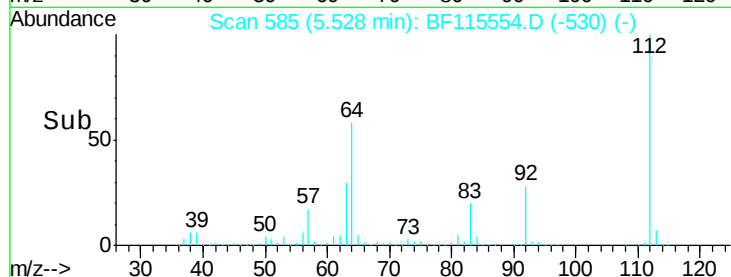
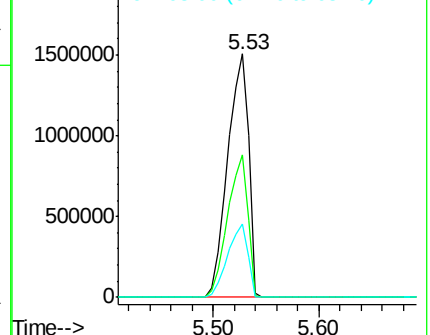
112 100

64 58.3 46.8 70.2

63 30.0 24.1 36.1



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: 20.388 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

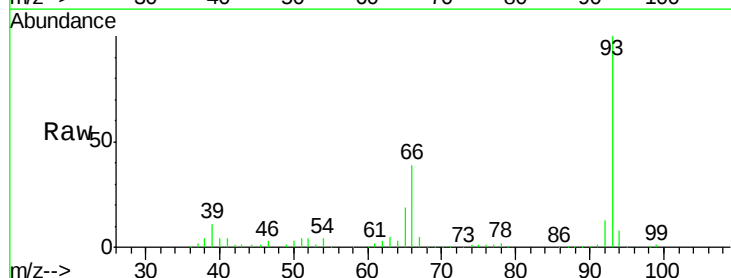
Tgt Ion: 93 Resp: 606060

Ion Ratio Lower Upper

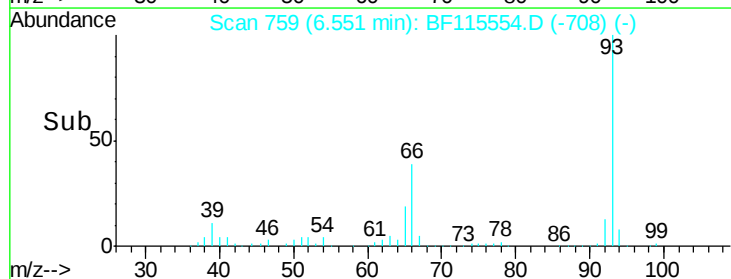
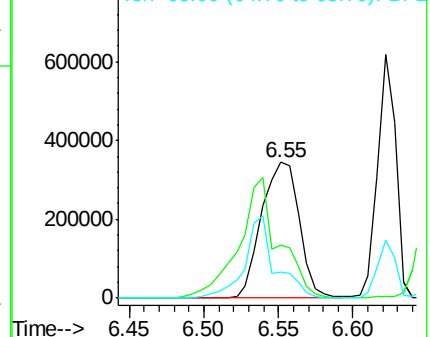
93 100

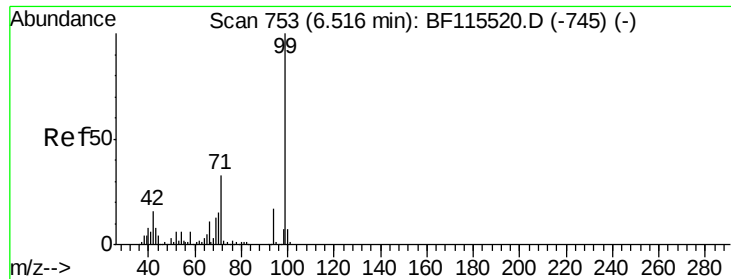
66 38.7 31.7 47.5

65 19.4 16.2 24.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.243 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

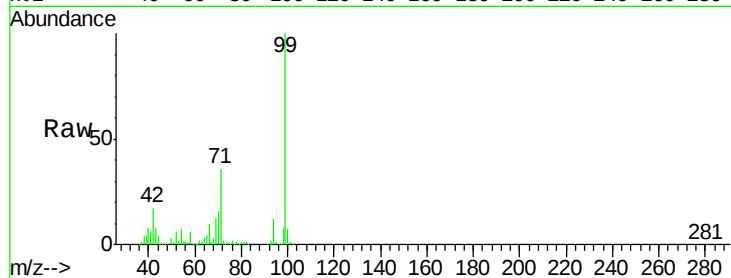
Tot Ion: 99 Resp: 2589828

Ion Ratio Lower Upper

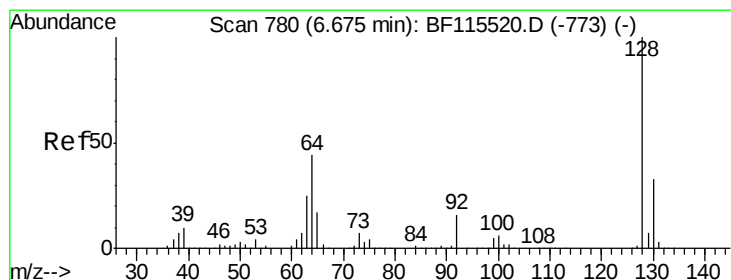
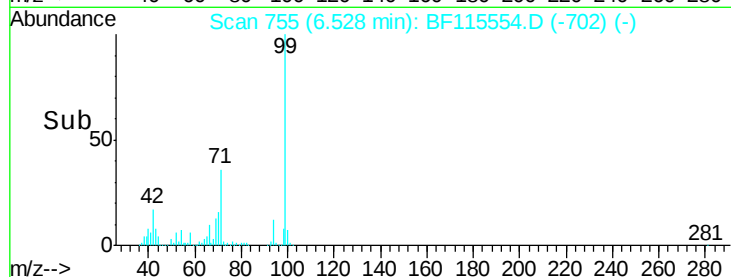
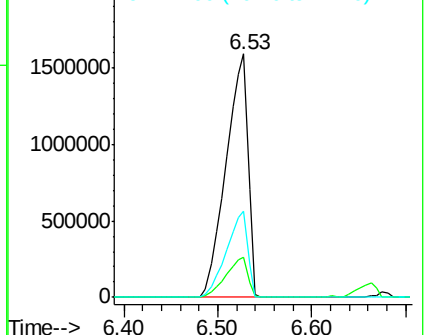
99 100

42 16.7 13.6 20.4

71 35.5 28.5 42.7



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: 27.485 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

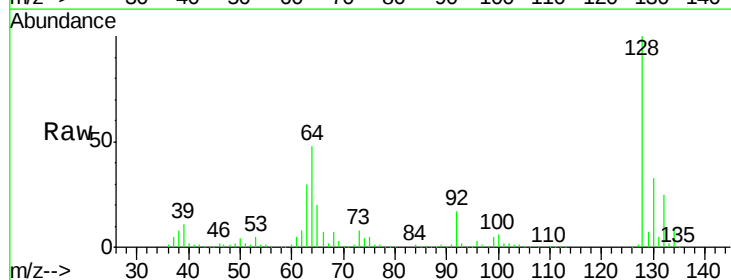
Tgt Ion:128 Resp: 531967

Ion Ratio Lower Upper

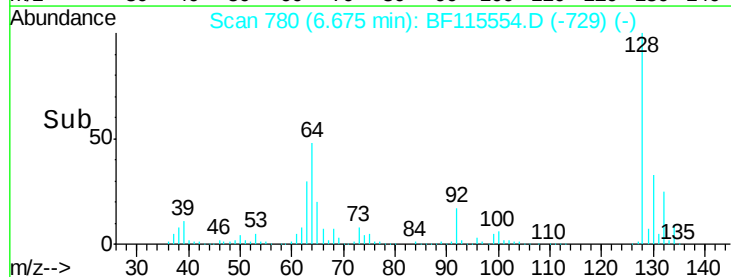
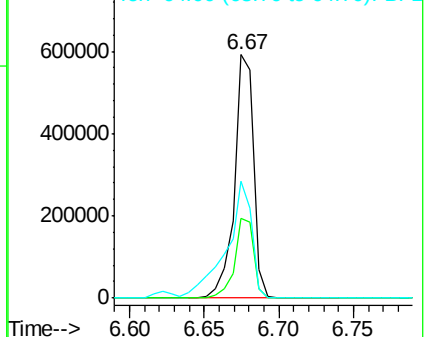
128 100

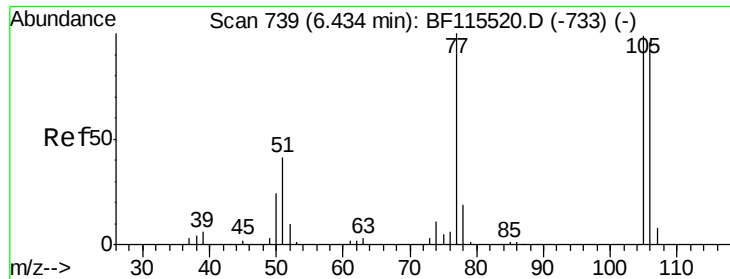
130 32.7 12.8 52.8

64 48.0 26.8 66.8



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





#9

Benzaldehyde

Concen: 28.303 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampled :

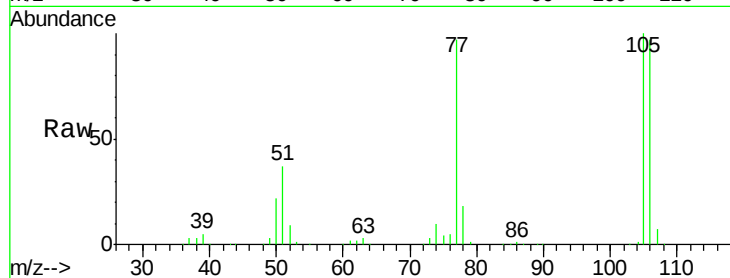
Tot Ion: 77 Resp: 377794

Ion Ratio Lower Upper

77 100

105 103.4 78.8 118.8

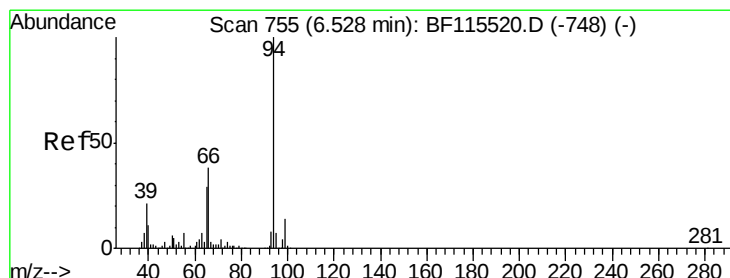
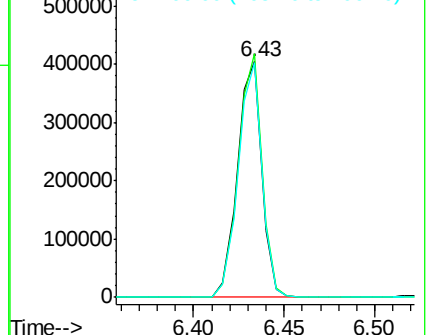
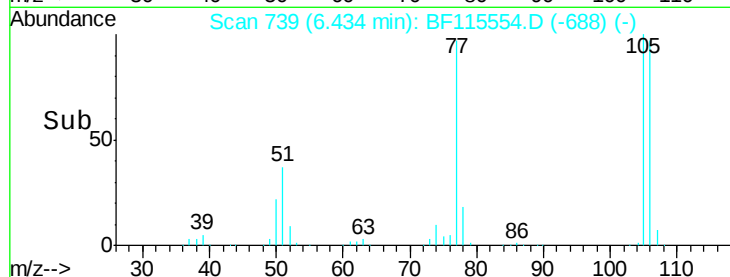
106 99.8 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.213 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

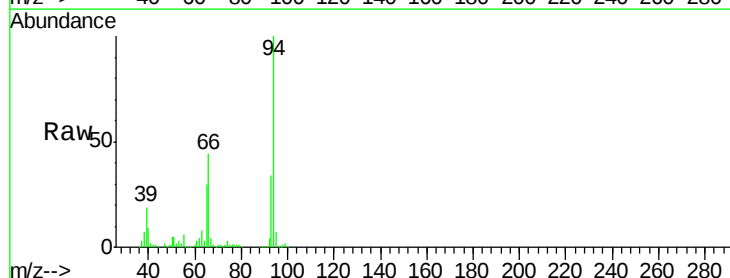
Tgt Ion: 94 Resp: 649996

Ion Ratio Lower Upper

94 100

65 29.9 14.5 54.5

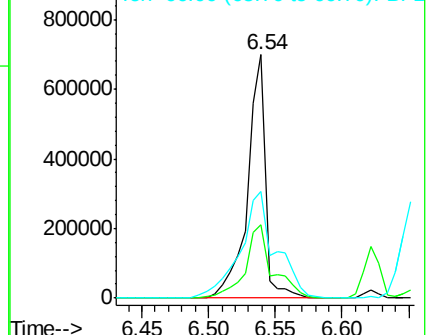
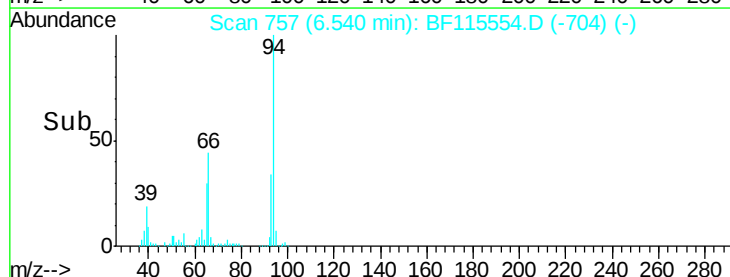
66 44.0 31.3 71.3

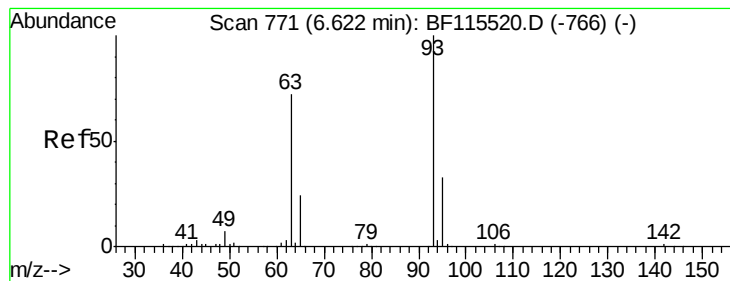


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

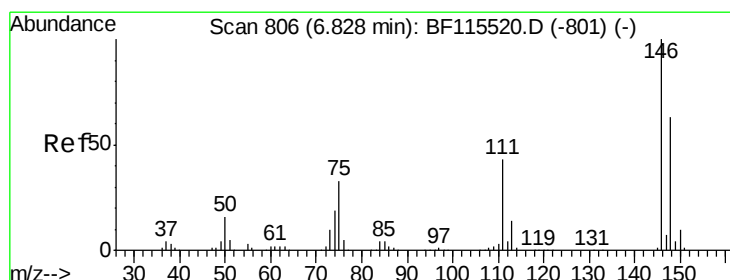
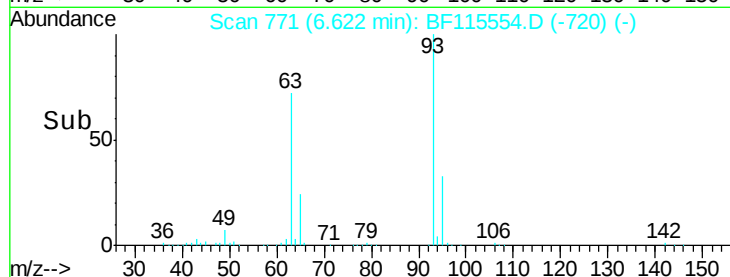
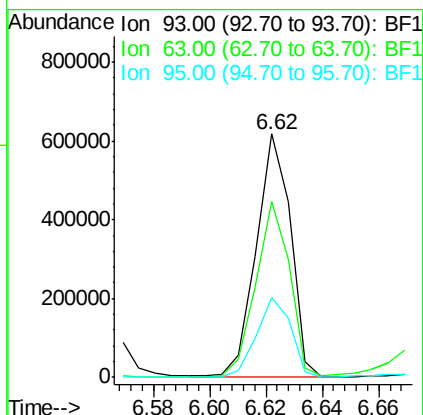
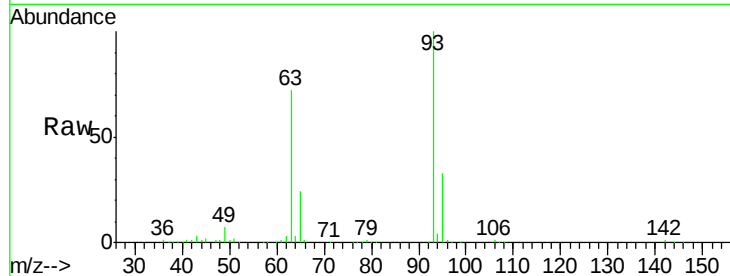




#11
bis(2-Chloroethyl)ether
Concen: 27.552 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

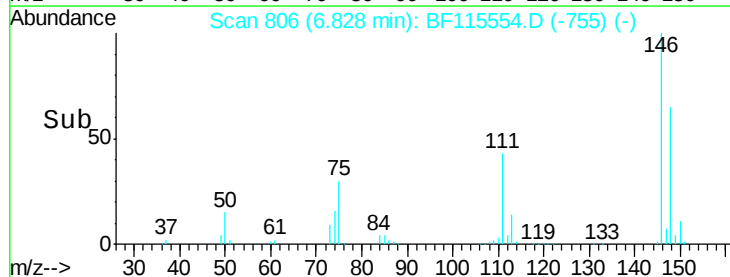
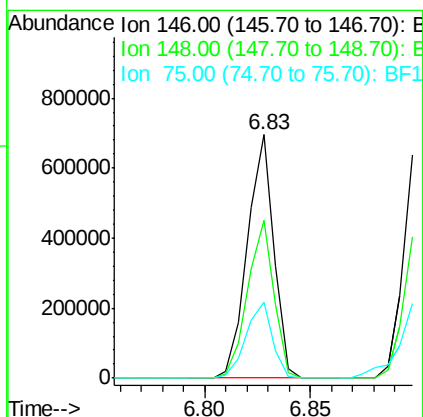
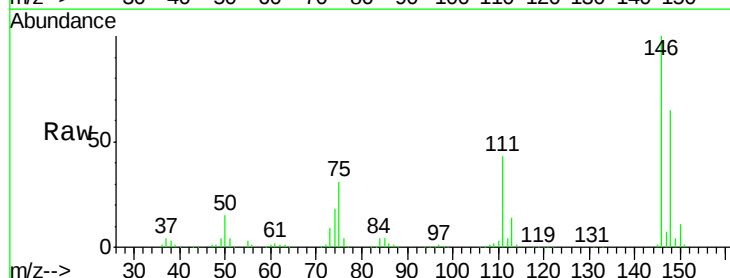
Instrument :
BNA_F
ClientSampleId :

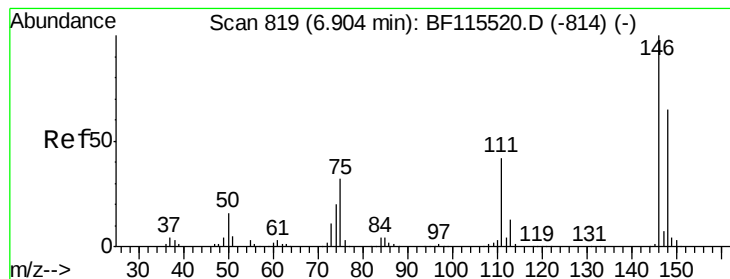
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.4	52.2	92.2
95	32.8	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 27.665 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
75	31.0	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 28.185 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampled :

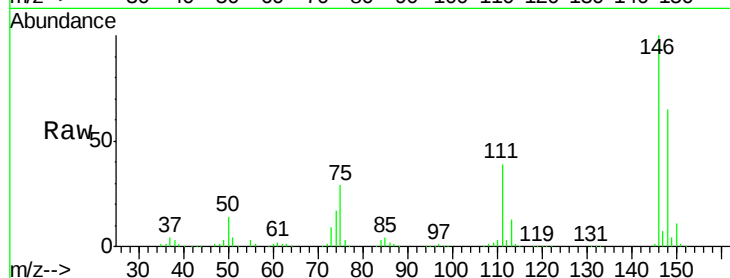
Tot Ion:146 Resp: 611949

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

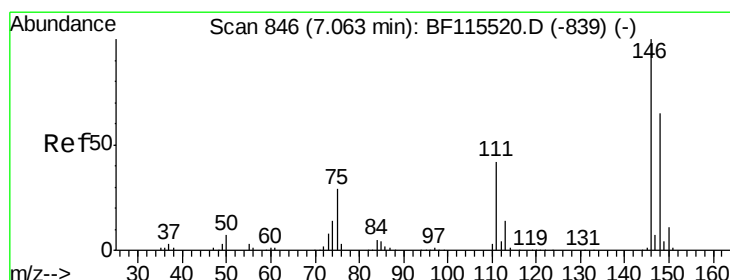
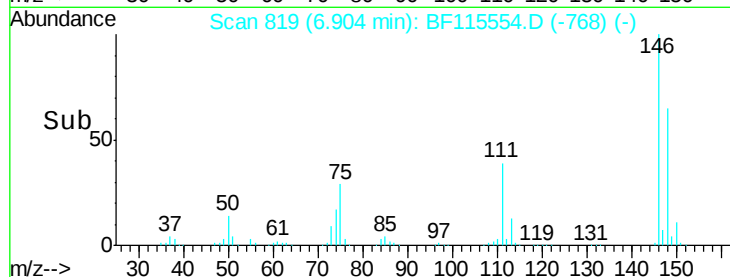
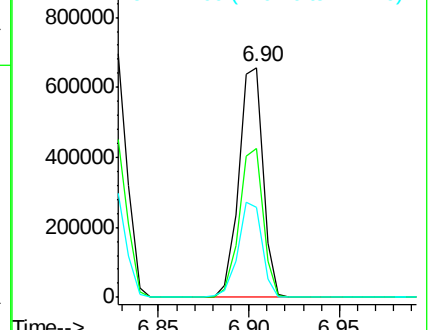
111 39.0 35.5 53.3



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: 27.482 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

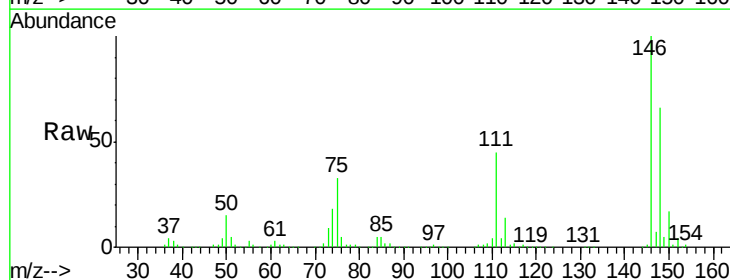
Tgt Ion:146 Resp: 545457

Ion Ratio Lower Upper

146 100

148 65.6 51.1 76.7

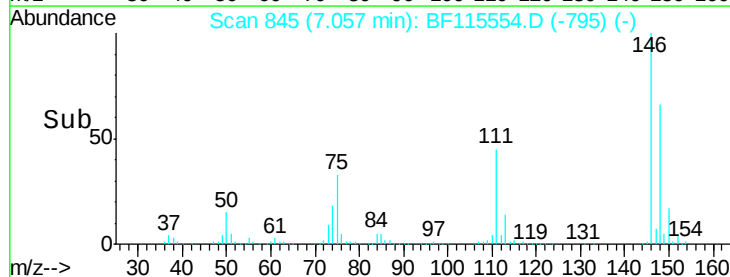
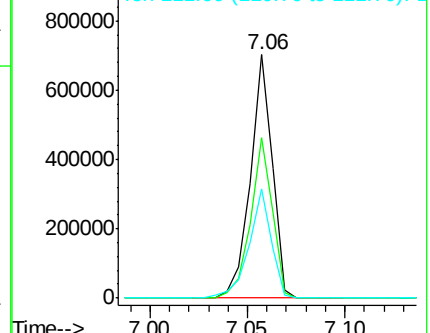
111 44.8 37.6 56.4

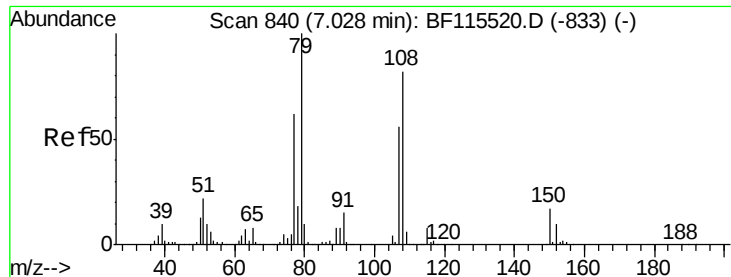


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.663 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

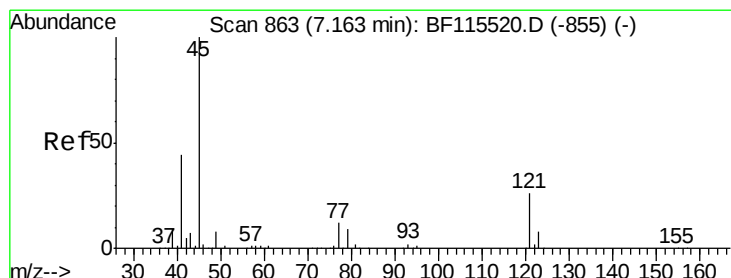
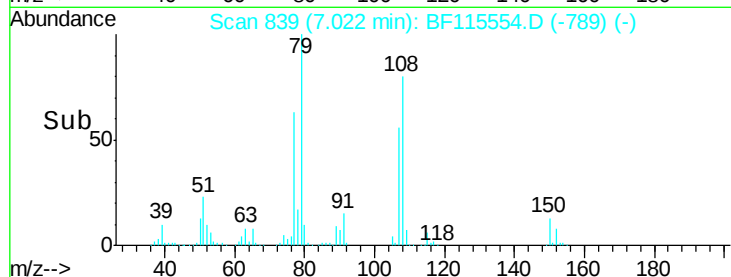
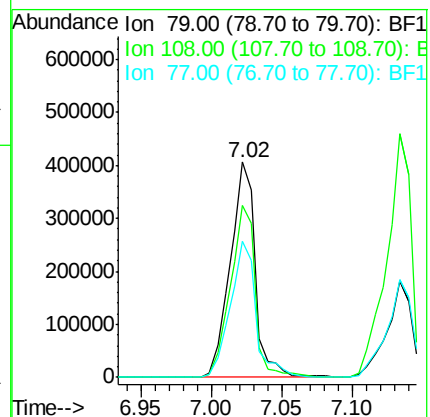
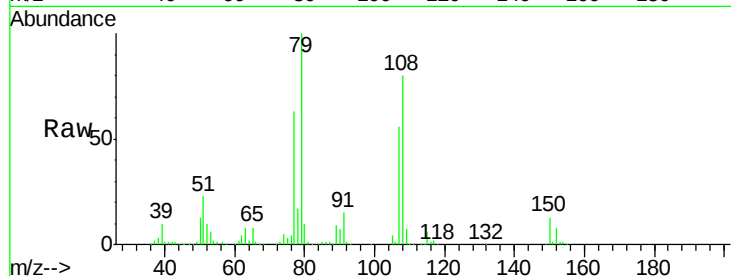
Tot Ion: 79 Resp: 502631

Ion Ratio Lower Upper

79 100

108 80.1 64.2 96.4

77 63.2 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.549 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

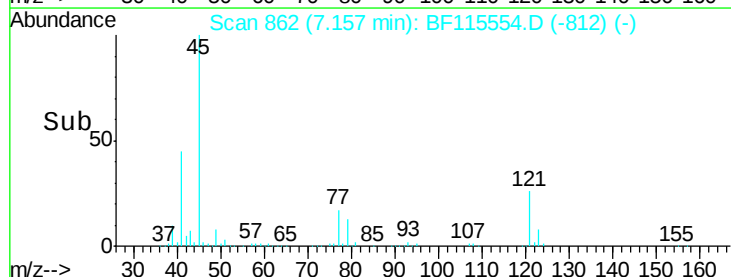
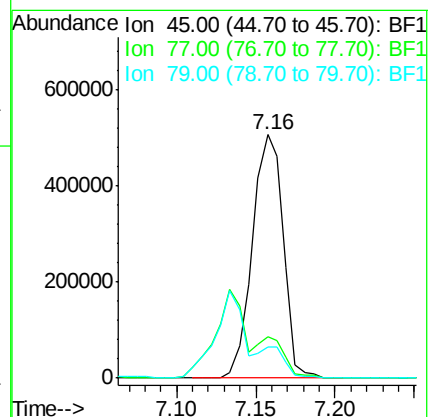
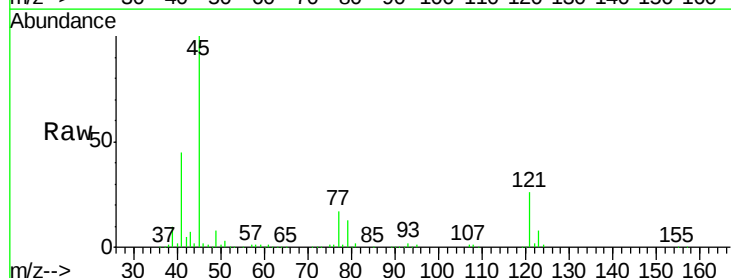
Tgt Ion: 45 Resp: 684727

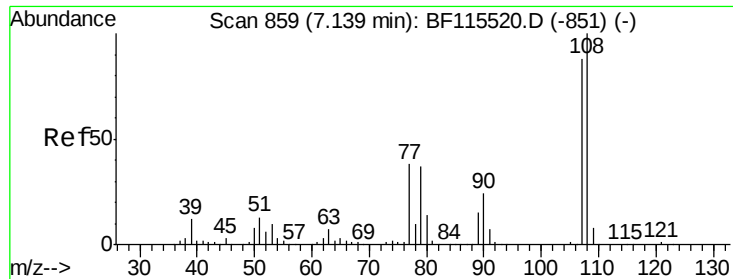
Ion Ratio Lower Upper

45 100

77 17.0 0.0 38.1

79 12.7 0.0 34.1

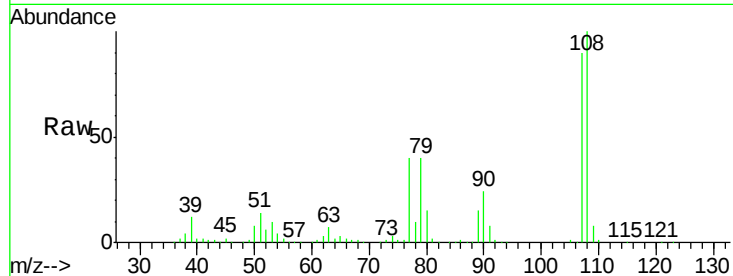




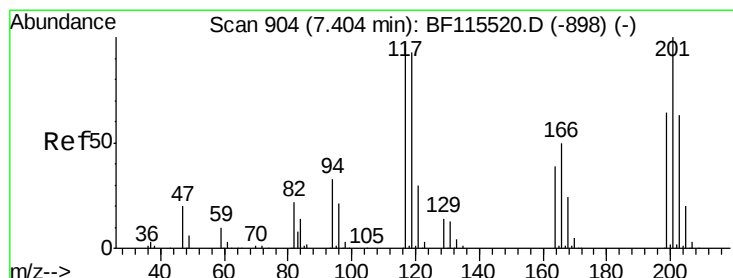
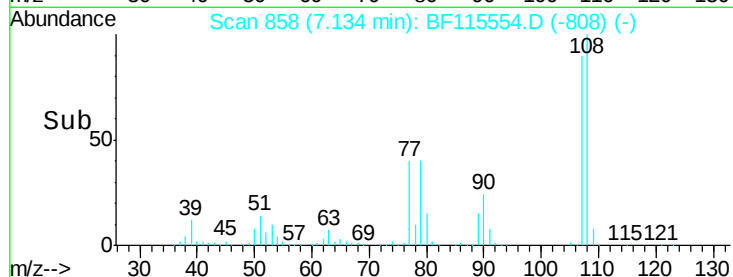
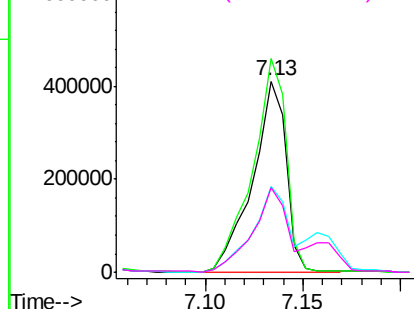
#17
2-Methylphenol
Concen: 29.270 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 488204
Ion Ratio Lower Upper
107 100
108 111.6 89.4 134.2
77 44.6 35.7 53.5
79 44.2 35.0 52.4

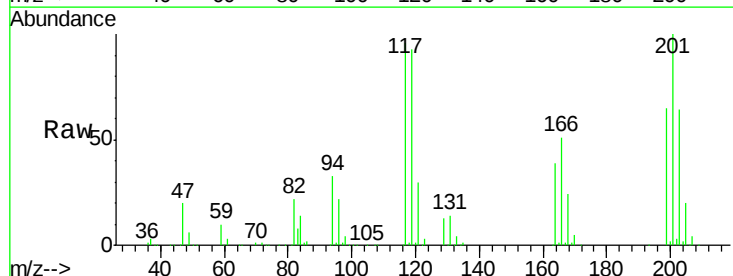


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

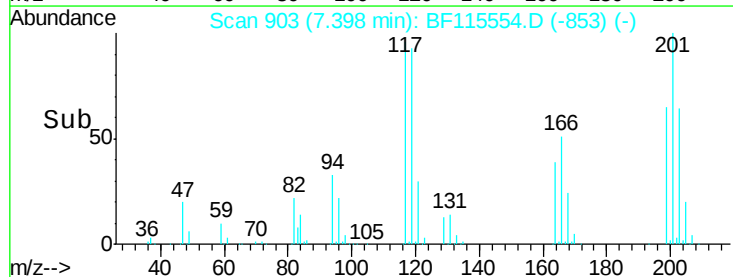
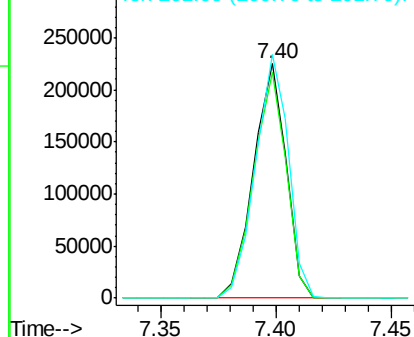


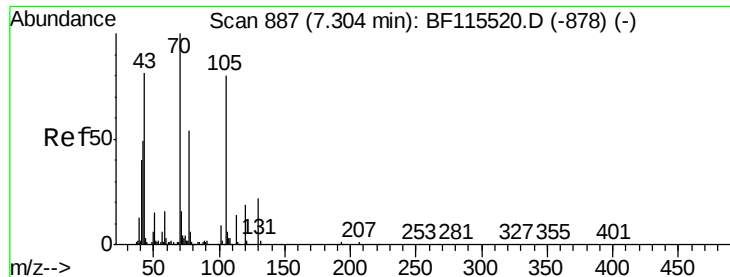
#18
Hexachloroethane
Concen: 27.472 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:117 Resp: 221391
Ion Ratio Lower Upper
117 100
119 96.5 77.7 116.5
201 103.8 86.0 129.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

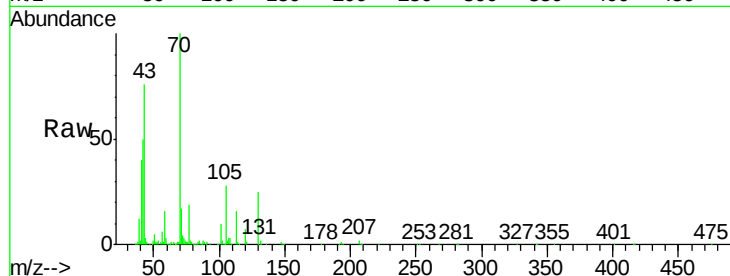




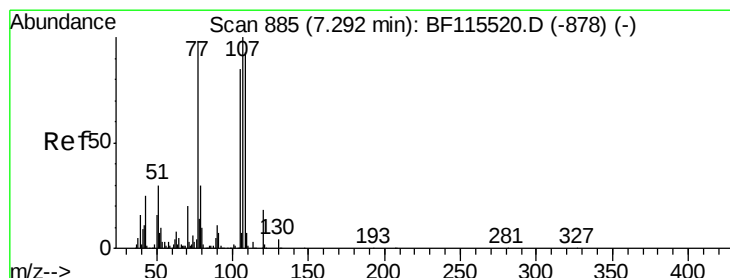
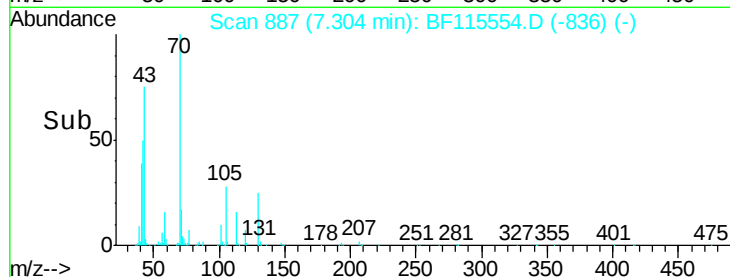
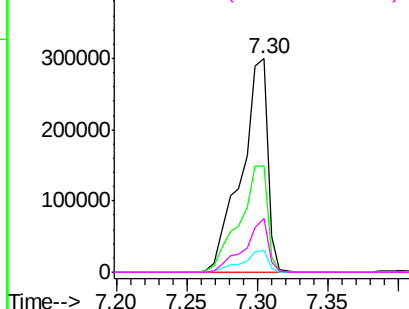
#19
n-Nitroso-di-n-propylamine
Concen: 27.955 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	389446
Ion	Ratio	Lower	Upper
70	100		
42	49.6	39.6	59.4
101	10.1	8.1	12.1
130	25.1	18.2	27.2

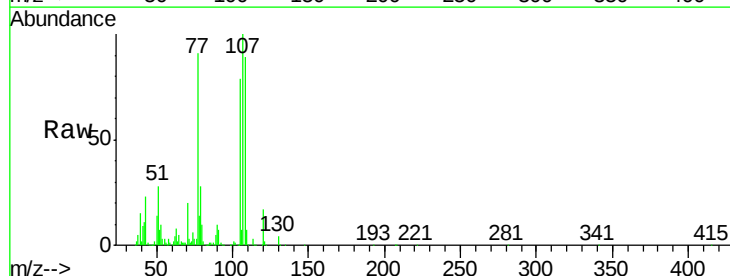


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

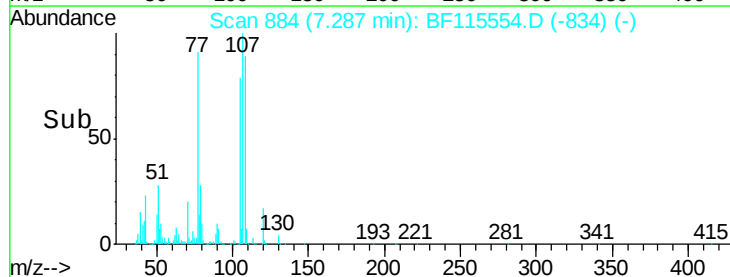
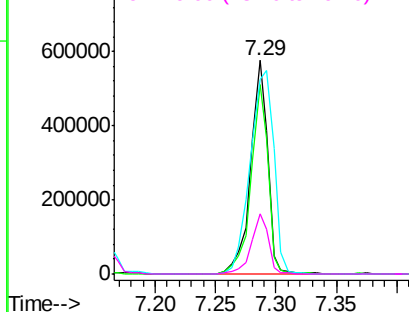


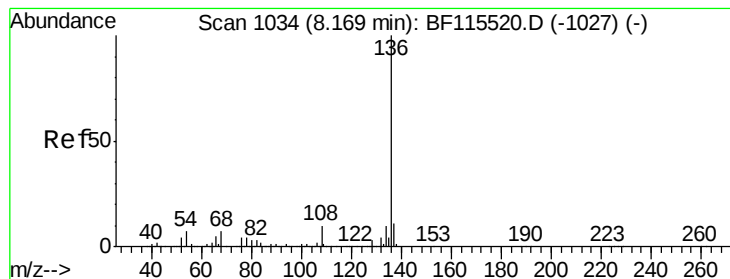
#20
3+4-Methylphenols
Concen: 28.772 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:	107	Resp:	570039
Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.9	112.9
77	91.1	77.6	117.6
79	28.3	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# 1034

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1060618

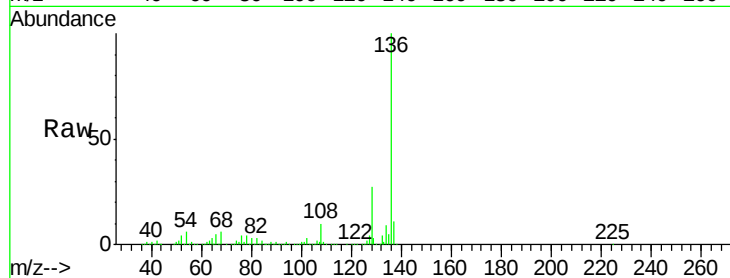
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.3 5.6 8.4

68 5.8 5.0 7.6

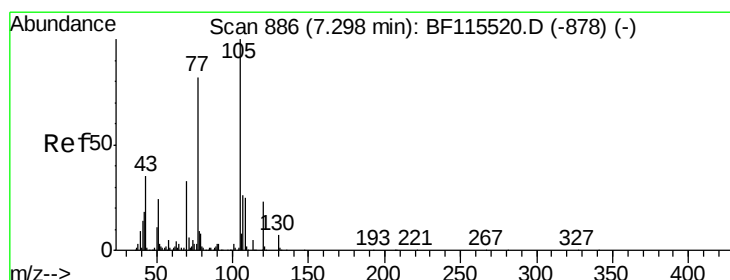
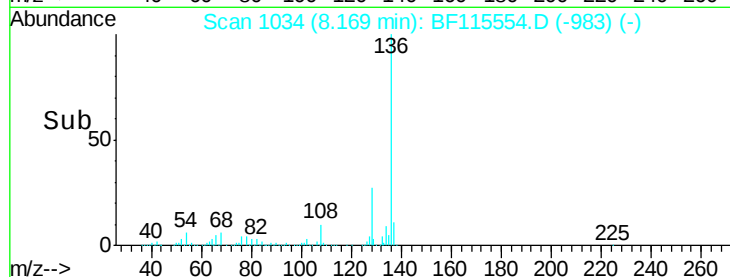
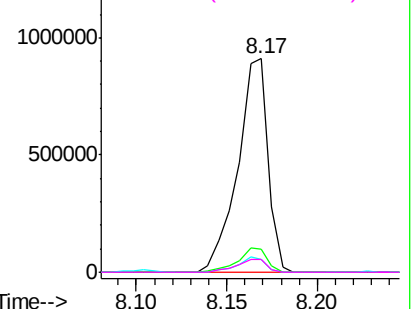


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.148 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Tgt Ion:105 Resp: 770295

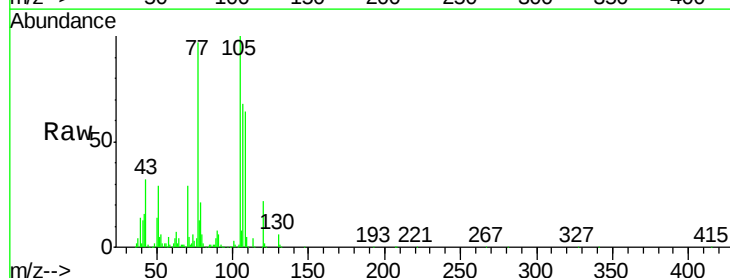
Ion Ratio Lower Upper

105 100

71 5.1 3.5 5.3

51 29.1 25.6 38.4

120 22.3 17.9 26.9

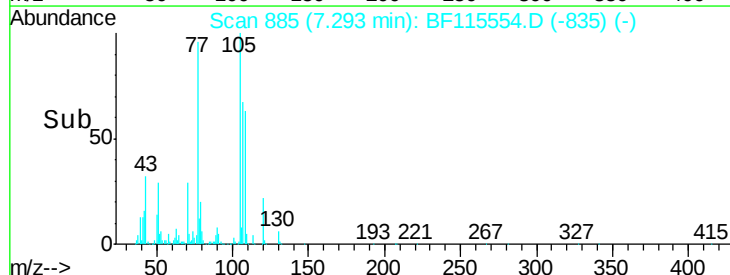
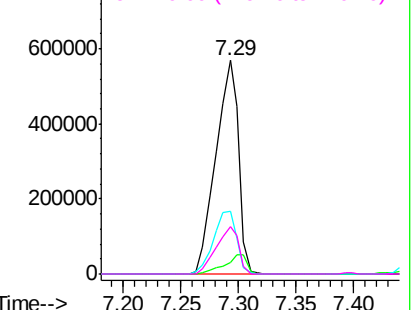


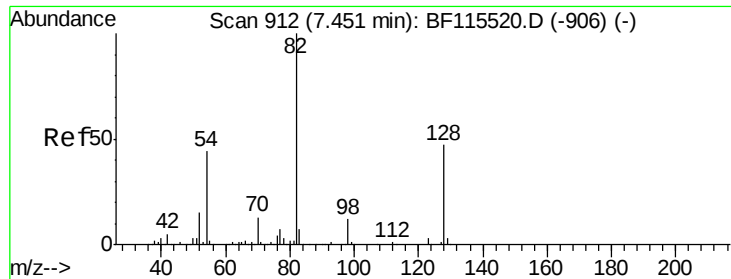
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

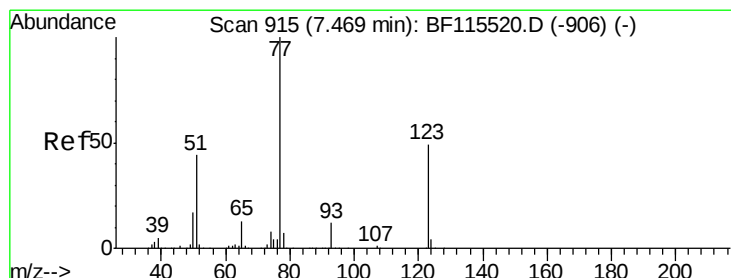
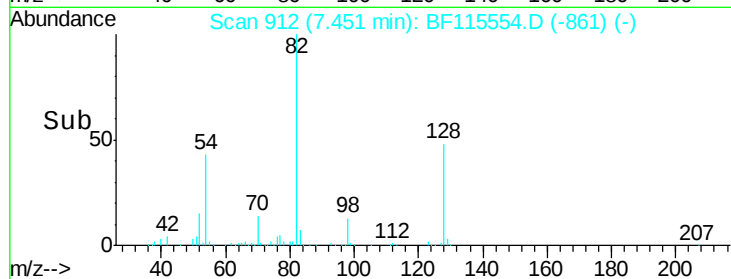
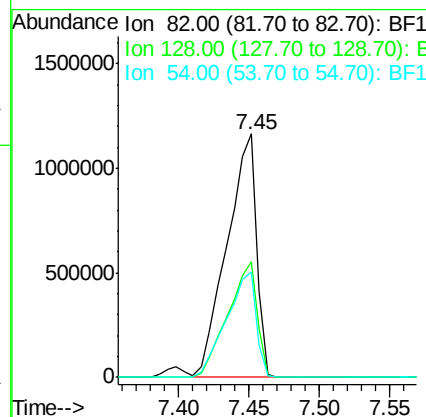
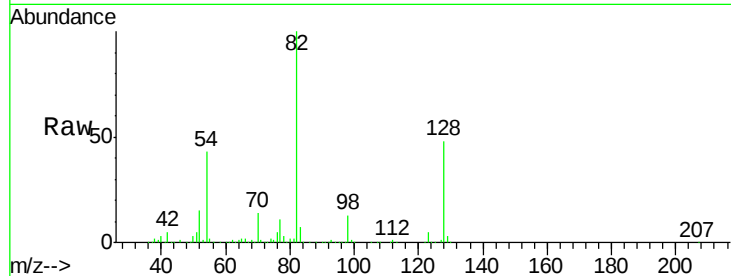




#23
 Nitrobenzene-d5
 Concen: 92.434 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

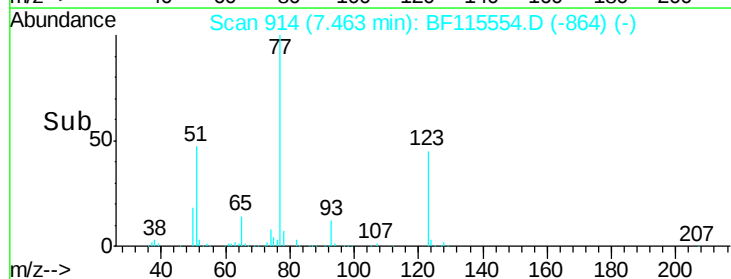
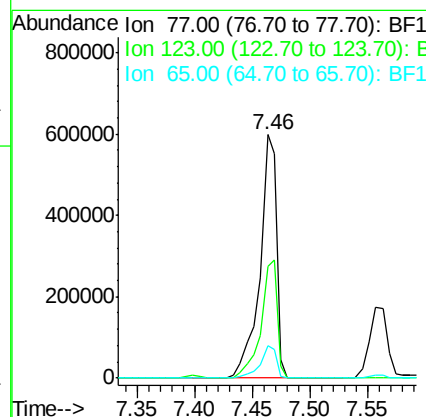
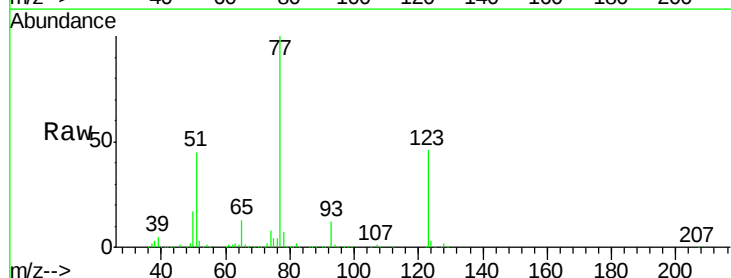
Instrument :
 BNA_F
 ClientSampleId :

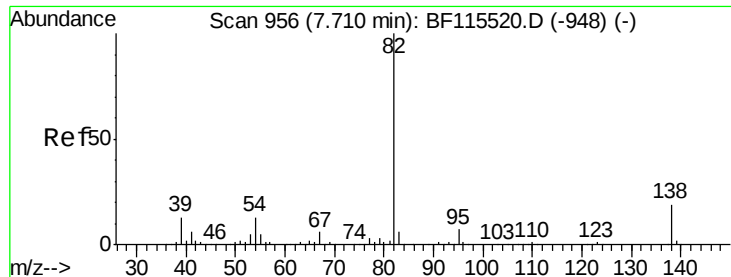
Tot Ion: 82 Resp: 1686042
 Ion Ratio Lower Upper
 82 100
 128 47.6 38.6 57.8
 54 43.1 35.6 53.4



#24
 Nitrobenzene
 Concen: 30.559 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion: 77 Resp: 601214
 Ion Ratio Lower Upper
 77 100
 123 45.9 40.0 60.0
 65 13.3 11.0 16.4





#25

Isophorone

Concen: 30.035 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

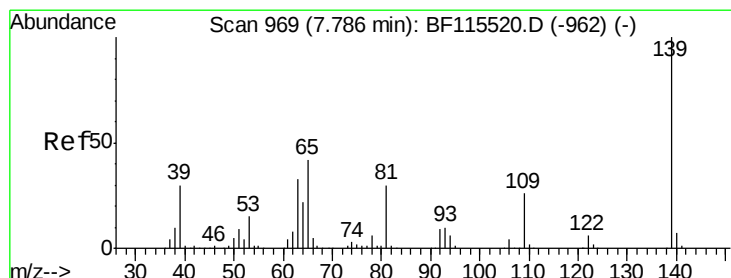
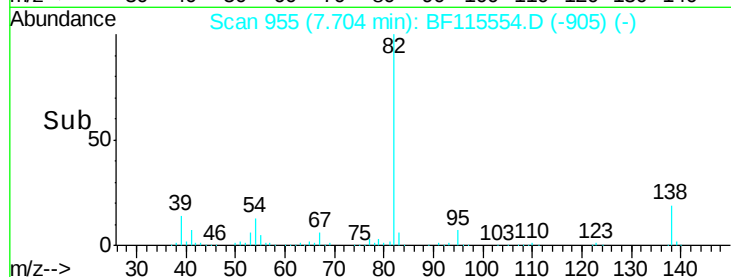
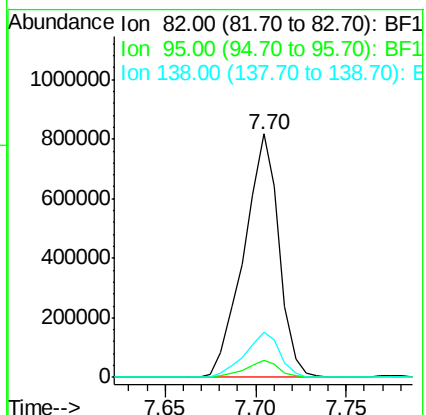
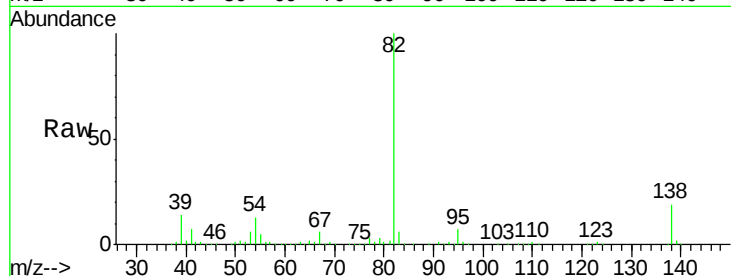
Tot Ion: 82 Resp: 1096260

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 30.867 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

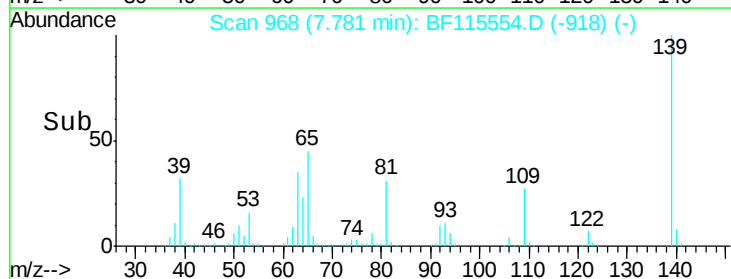
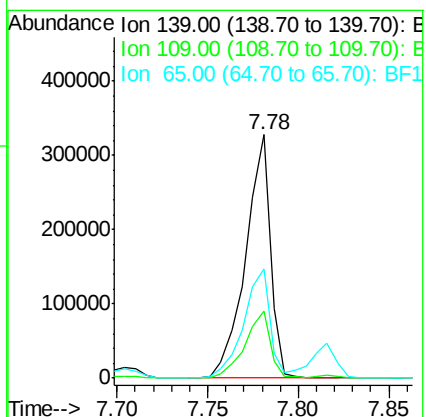
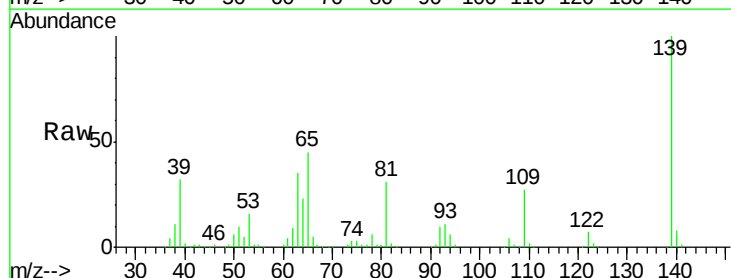
Tgt Ion: 139 Resp: 312573

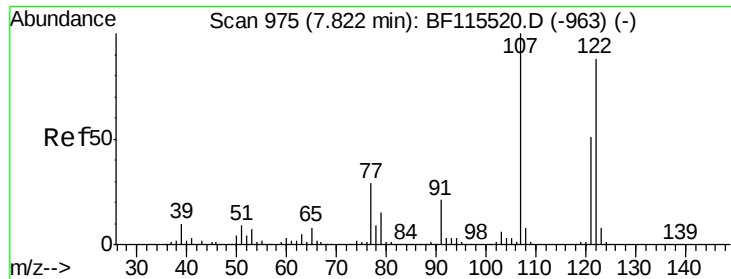
Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

65 44.9 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 35.166 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

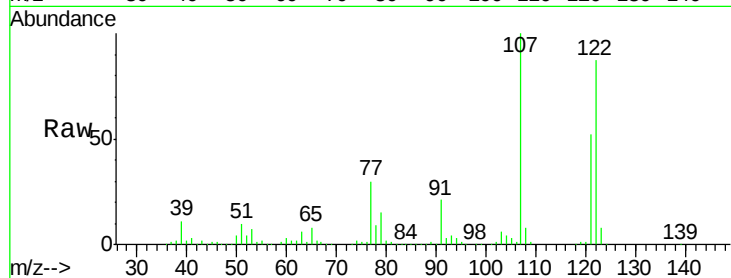
Tot Ion:122 Resp: 532818

Ion Ratio Lower Upper

122 100

107 114.5 92.9 139.3

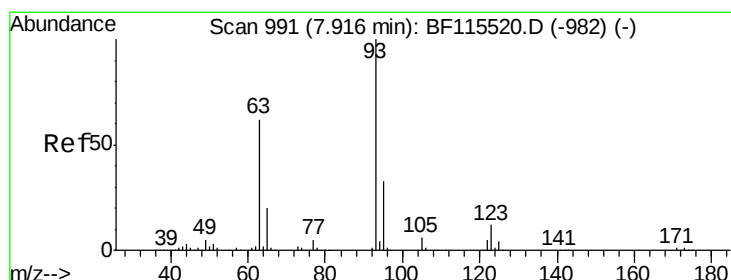
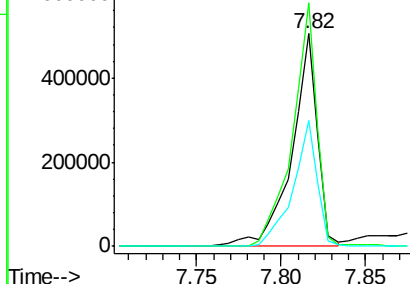
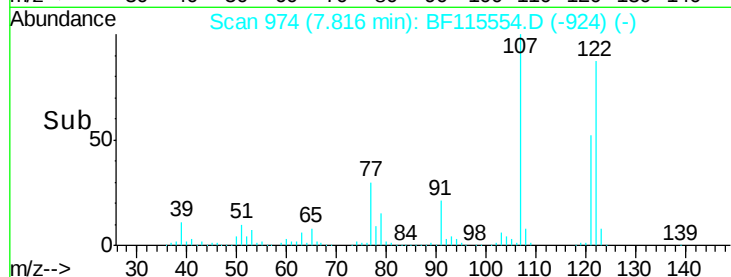
121 59.2 46.9 70.3



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: 30.361 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

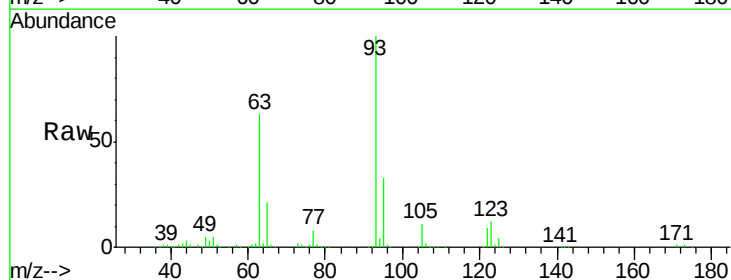
Tgt Ion: 93 Resp: 679825

Ion Ratio Lower Upper

93 100

95 33.0 27.0 40.4

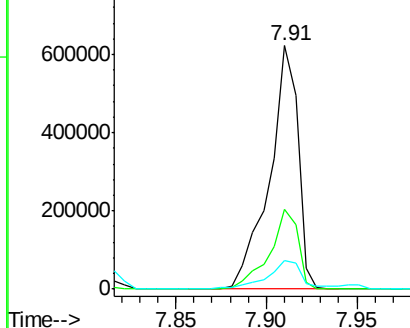
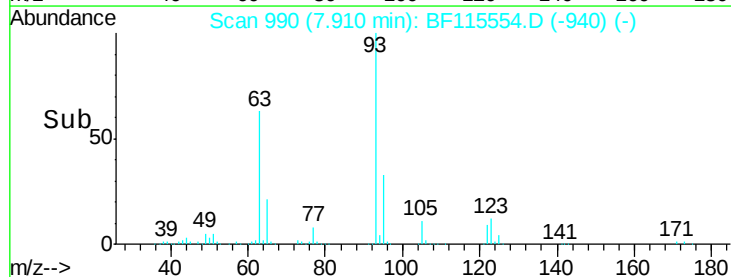
123 12.0 9.9 14.9

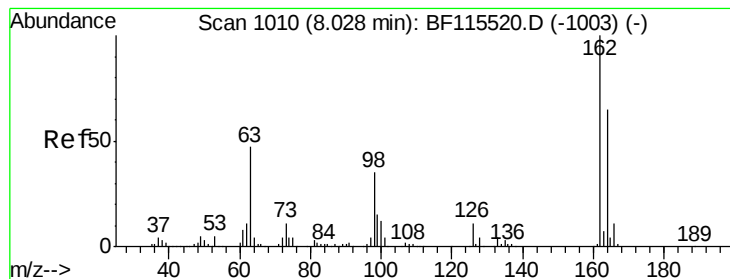


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 31.274 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

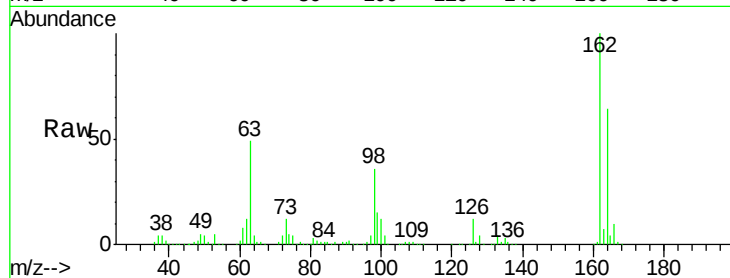
Tot Ion:162 Resp: 492811

Ion Ratio Lower Upper

162 100

164 63.9 44.9 84.9

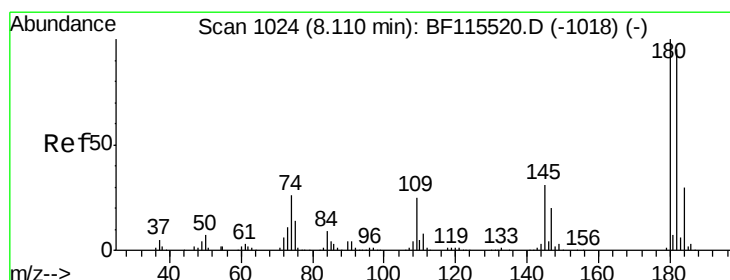
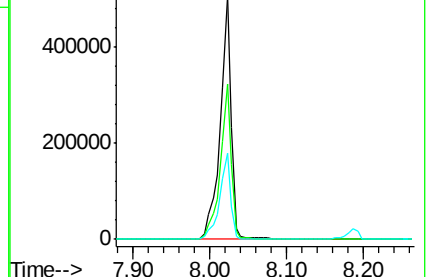
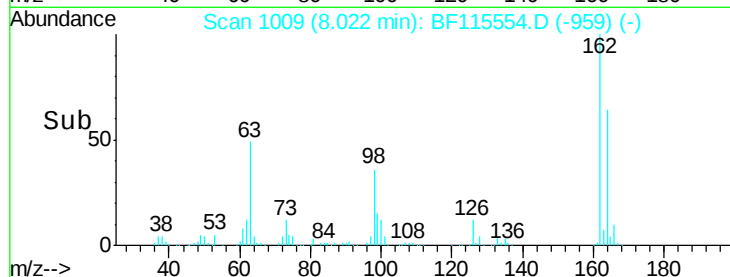
98 35.5 17.7 57.7



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: 30.464 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

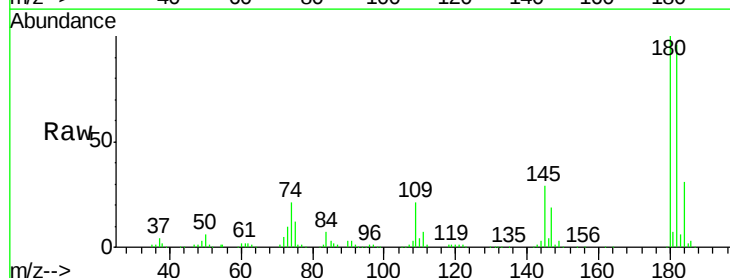
Tgt Ion:180 Resp: 542629

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

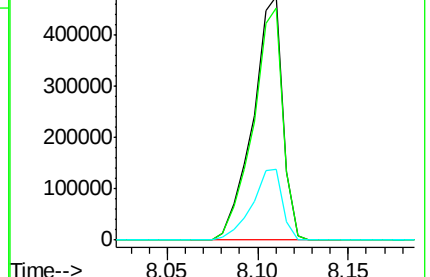
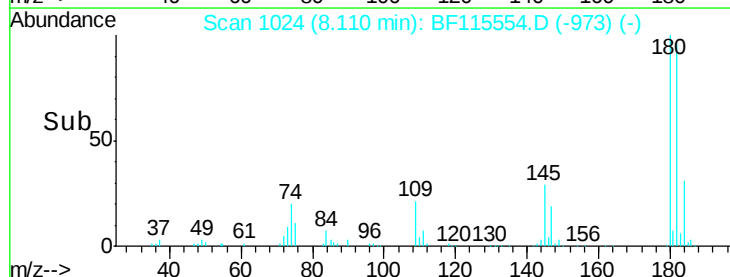
145 28.9 25.1 37.7

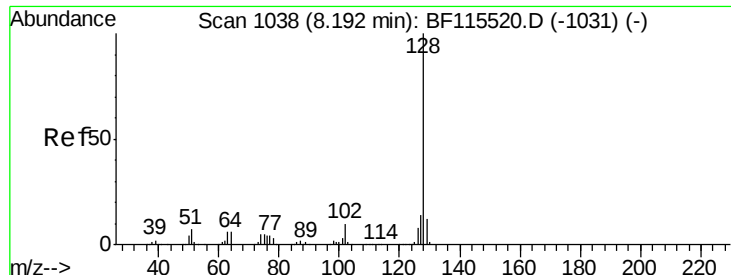


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

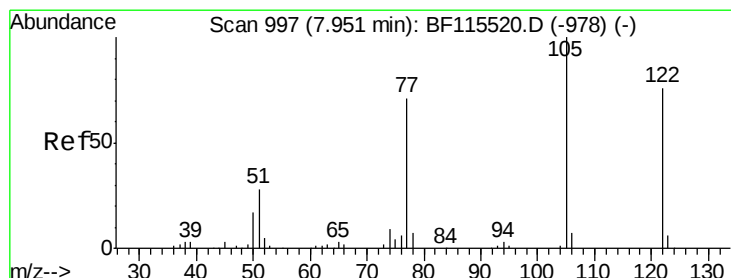
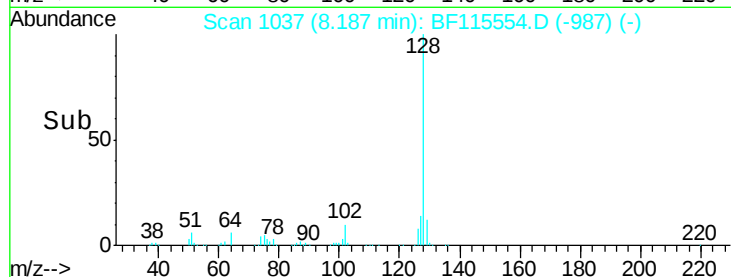
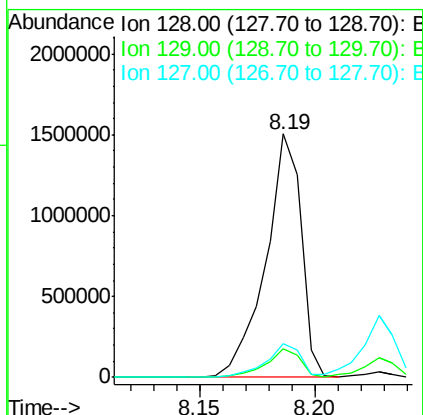
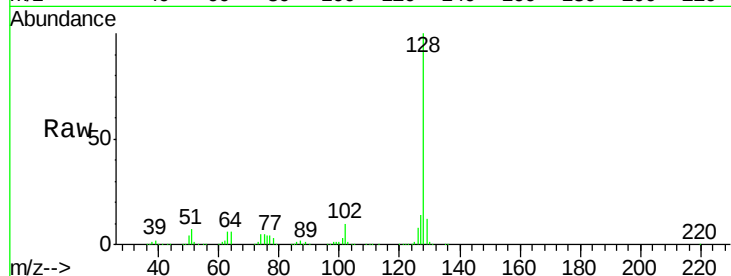




#31
Naphthalene
Concen: 31.219 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

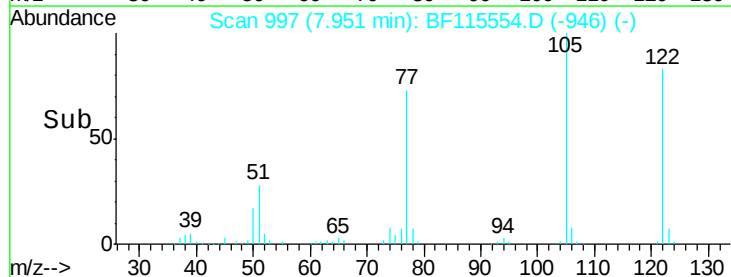
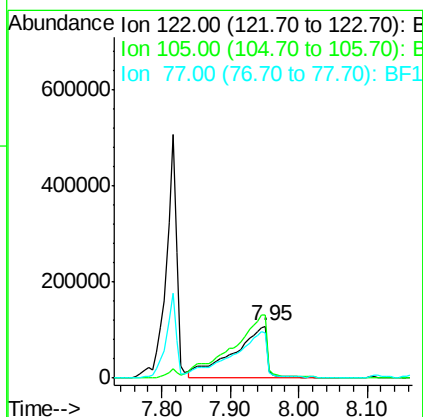
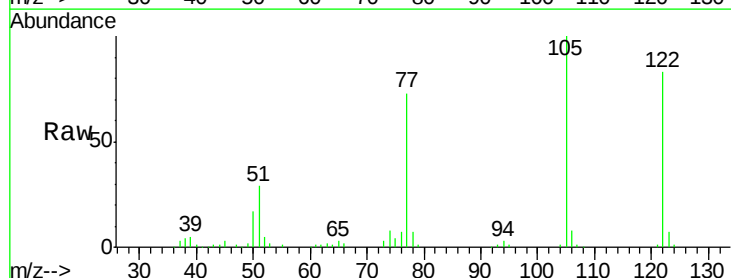
Instrument :
BNA_F
ClientSampleId :

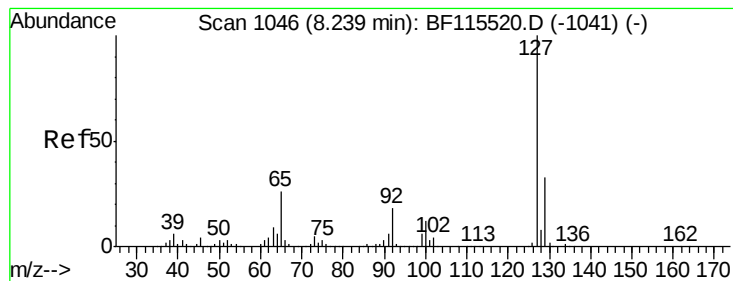
Tot Ion:128 Resp: 1603605
Ion Ratio Lower Upper
128 100
129 11.8 9.9 14.9
127 13.8 12.1 18.1



#32
Benzoic acid
Concen: 30.463 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:122 Resp: 378786
Ion Ratio Lower Upper
122 100
105 119.9 102.5 142.5
77 88.0 70.2 110.2





#33

4-Chloroaniline

Concen: 17.101 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 389098

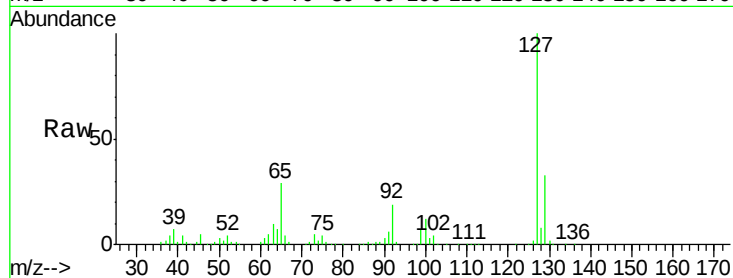
Ion Ratio Lower Upper

127 100

129 32.5 26.6 39.8

65 29.5 23.7 35.5

92 19.3 15.8 23.8

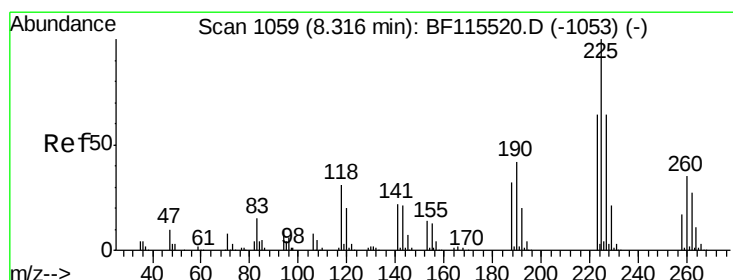
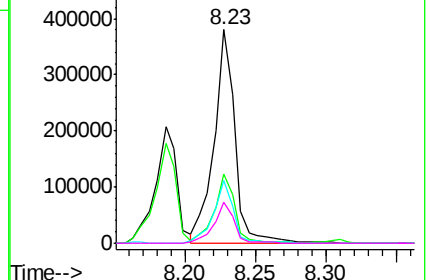
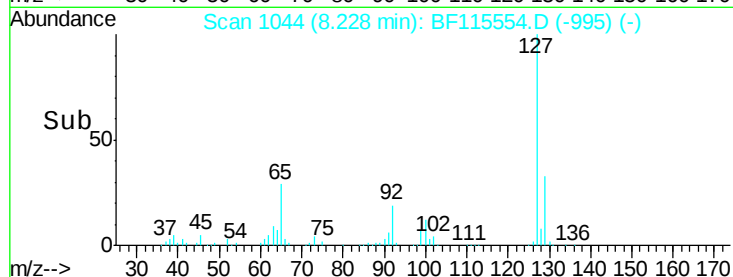


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 29.907 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

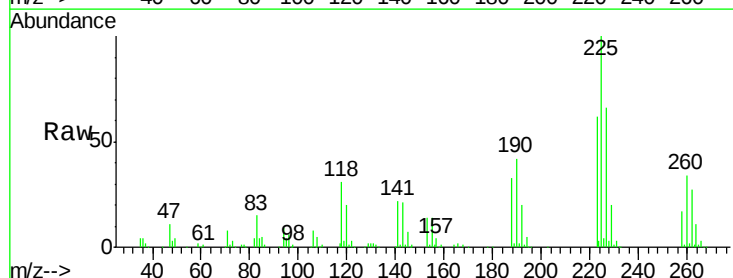
Tgt Ion:225 Resp: 305478

Ion Ratio Lower Upper

225 100

223 62.1 50.9 76.3

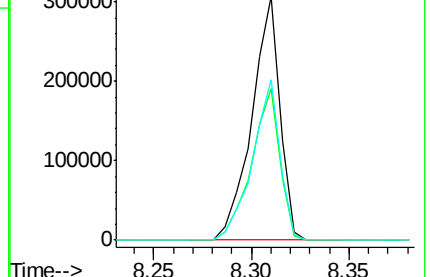
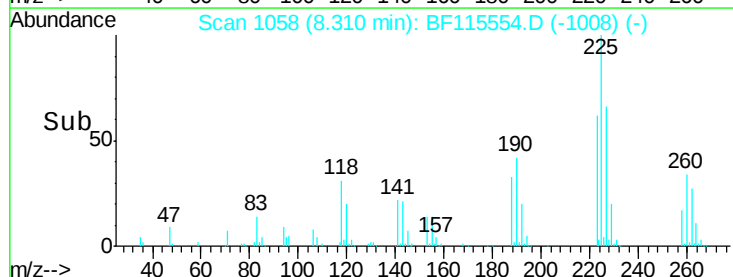
227 65.7 50.7 76.1

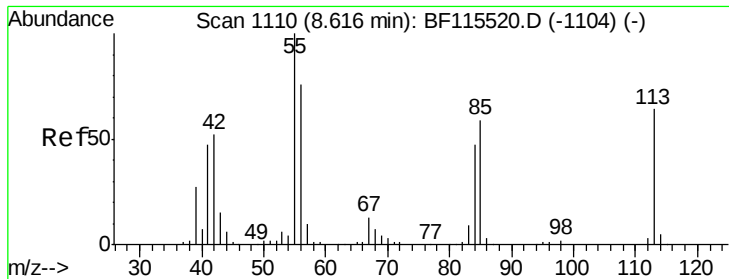


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

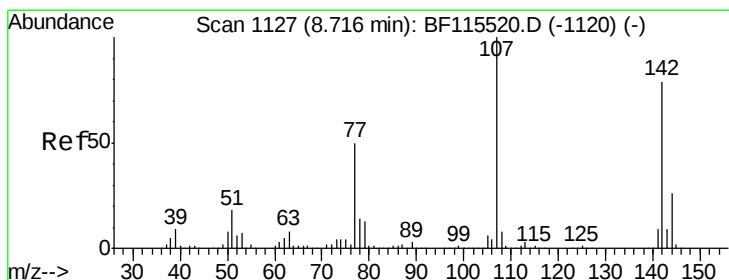
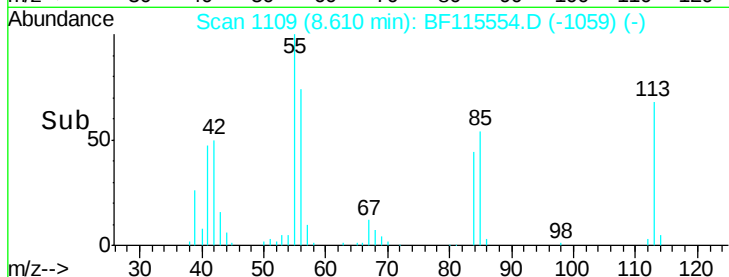
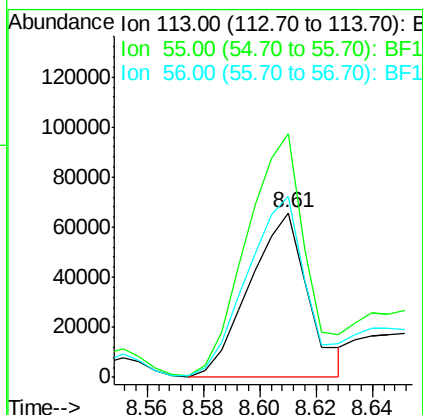
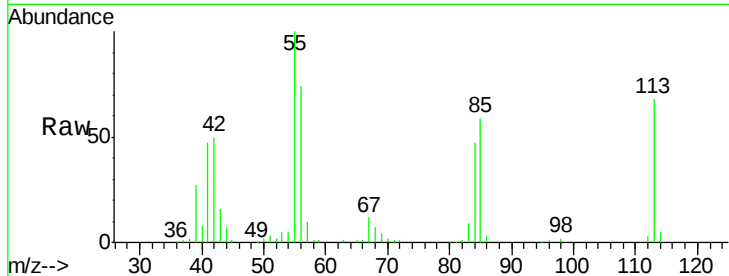




#35
Caprolactam
Concen: 19.399 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

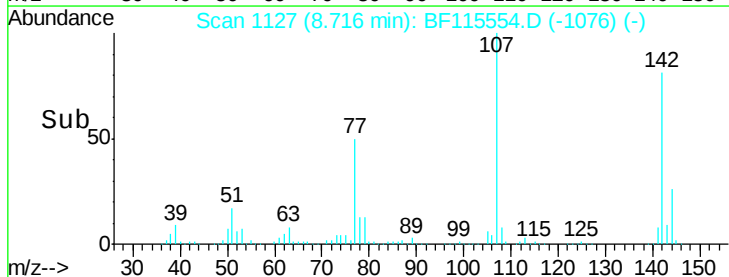
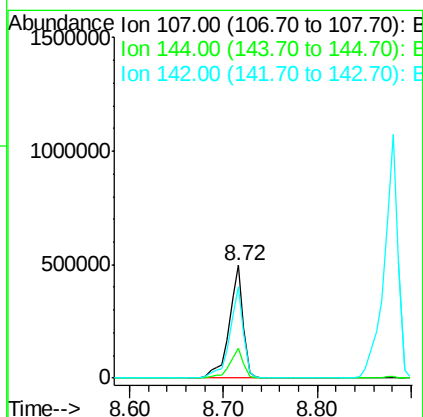
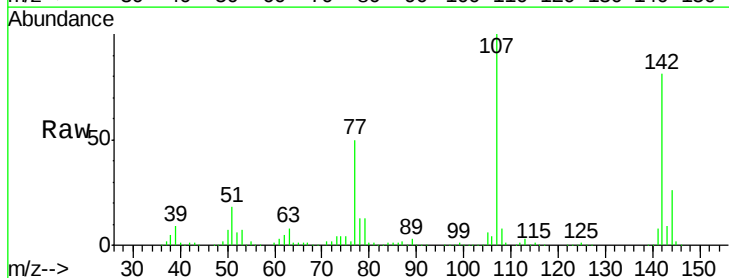
Instrument :
BNA_F
ClientSampleId :

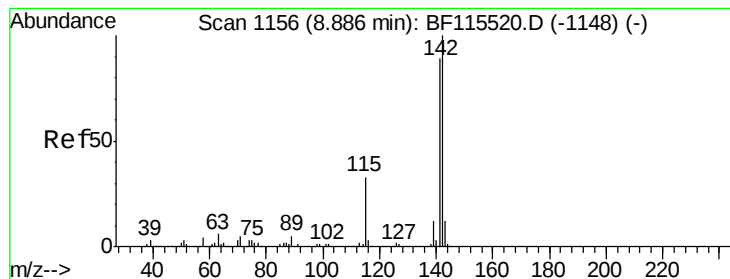
Tot Ion:113 Resp: 94462
Ion Ratio Lower Upper
113 100
55 147.9 126.9 166.9
56 109.8 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 31.088 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:107 Resp: 508148
Ion Ratio Lower Upper
107 100
144 26.2 20.6 30.8
142 81.3 63.1 94.7

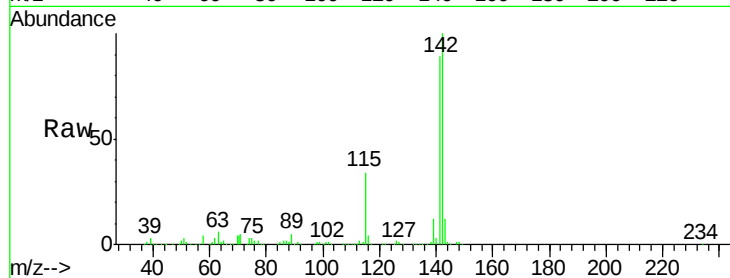




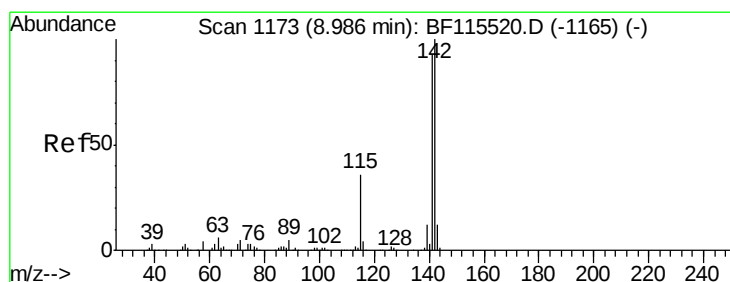
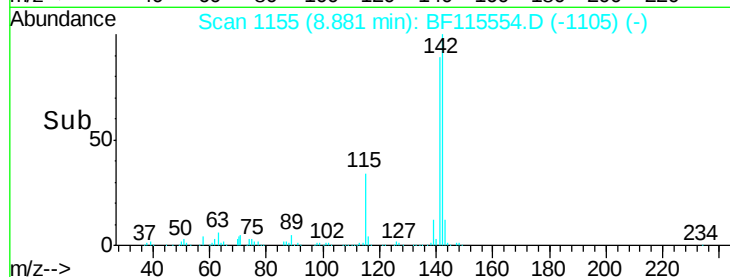
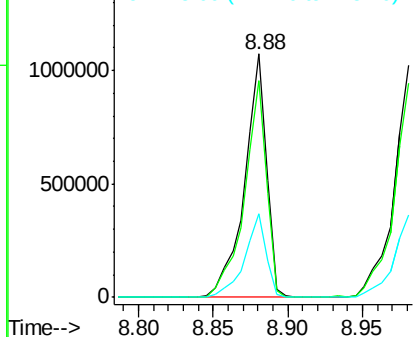
#37
2-Methylnaphthalene
Concen: 32.035 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1090740
Ion Ratio Lower Upper
142 100
141 89.0 72.0 108.0
115 34.2 29.9 44.9

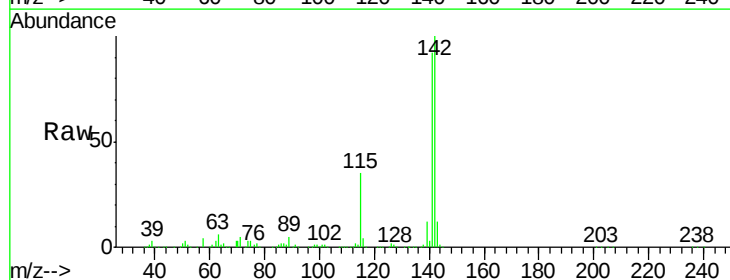


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

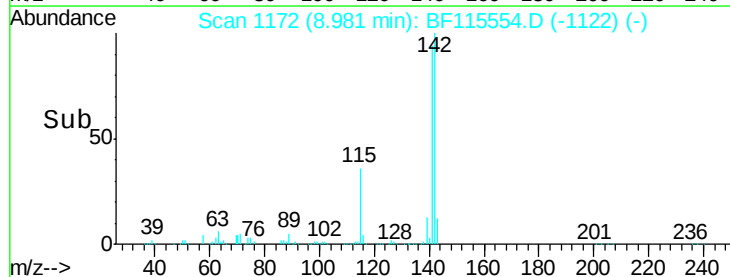
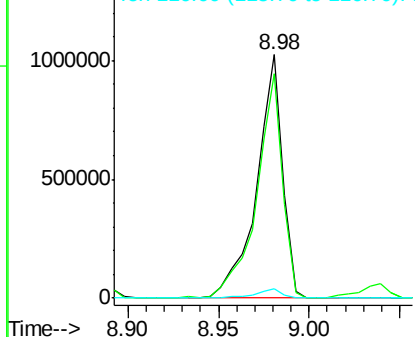


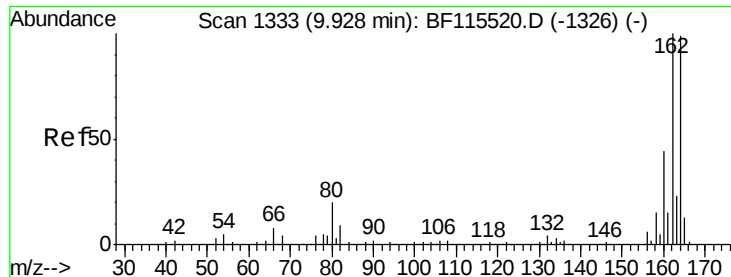
#38
1-Methylnaphthalene
Concen: 31.431 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:142 Resp: 1016500
Ion Ratio Lower Upper
142 100
141 91.9 75.3 112.9
116 3.8 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

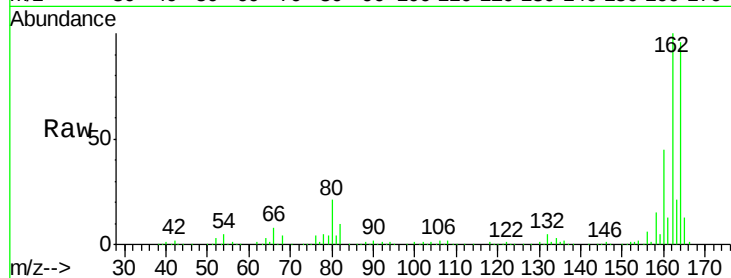
Tot Ion:164 Resp: 520845

Ion Ratio Lower Upper

164 100

162 103.9 82.9 124.3

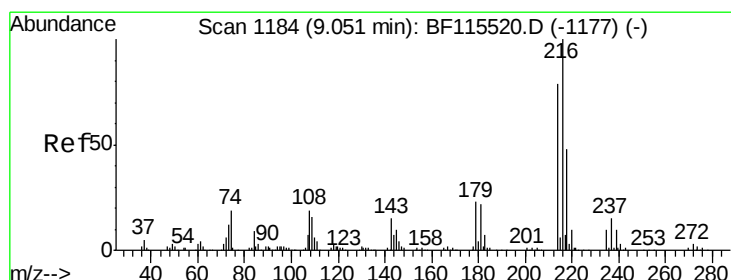
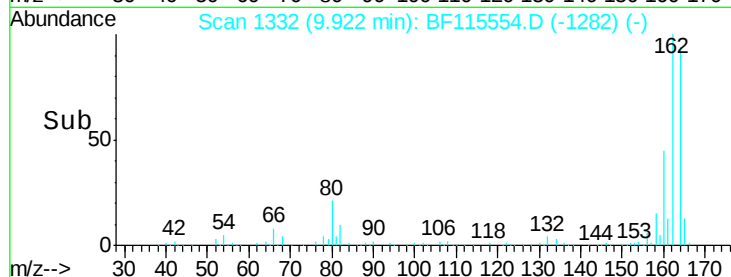
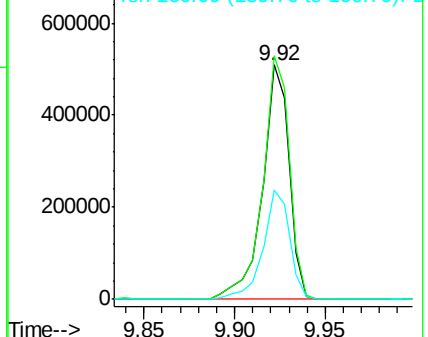
160 46.4 36.8 55.2



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: 31.375 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Tgt Ion:216 Resp: 492099

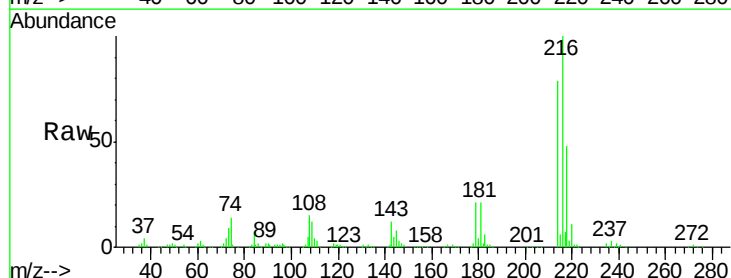
Ion Ratio Lower Upper

216 100

214 79.9 65.1 97.7

179 21.8 18.3 27.5

108 20.8 15.7 23.5

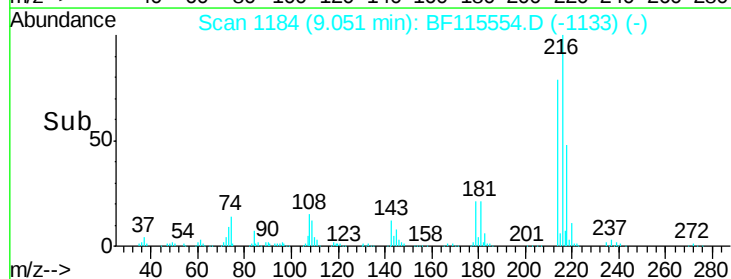
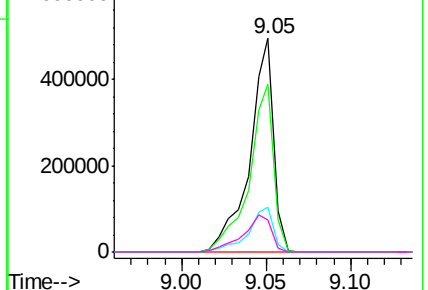


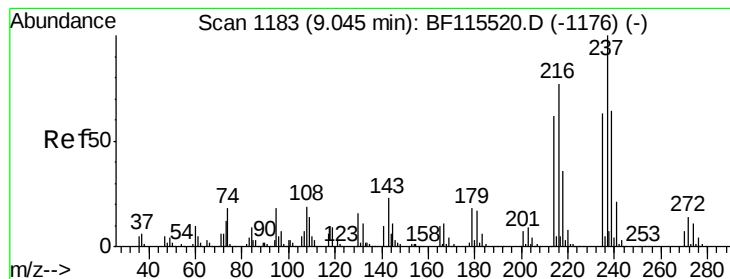
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 58.225 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

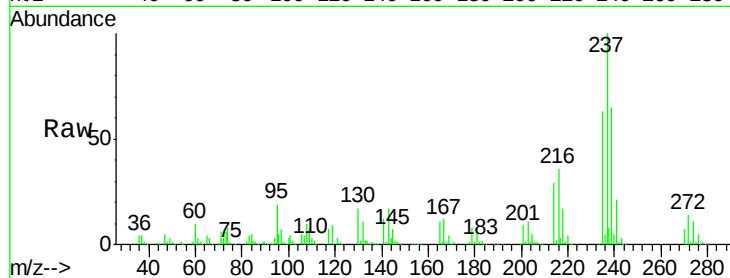
Tot Ion:237 Resp: 520940

Ion Ratio Lower Upper

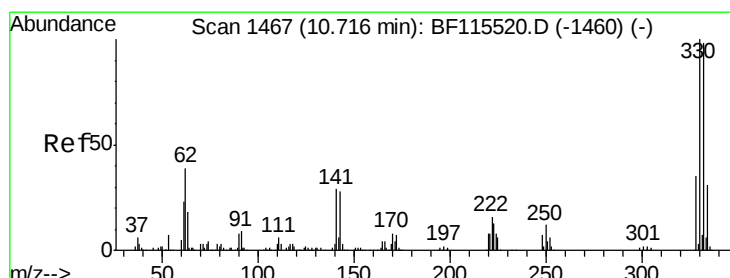
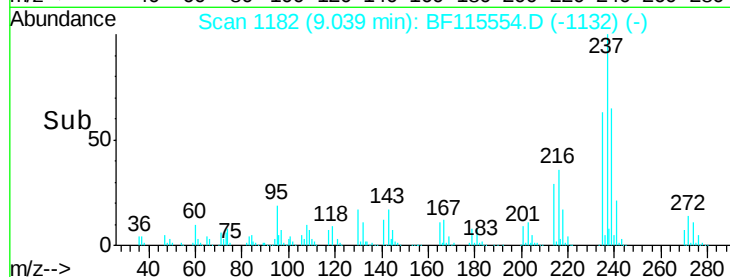
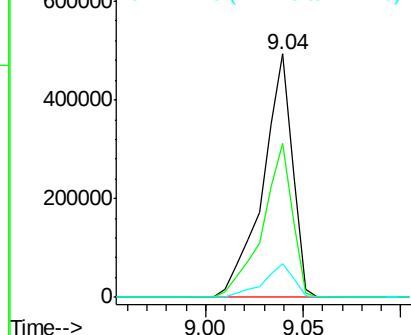
237 100

235 63.5 43.6 83.6

272 13.8 0.0 33.9



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: 133.768 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

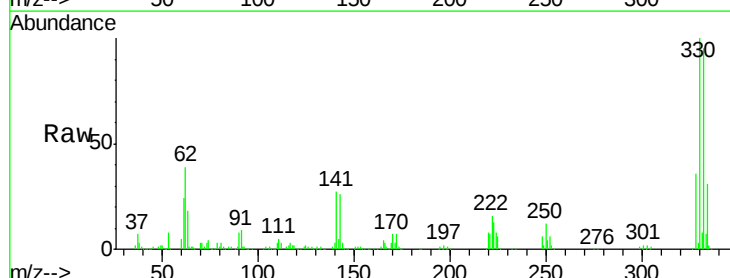
Tgt Ion:330 Resp: 813245

Ion Ratio Lower Upper

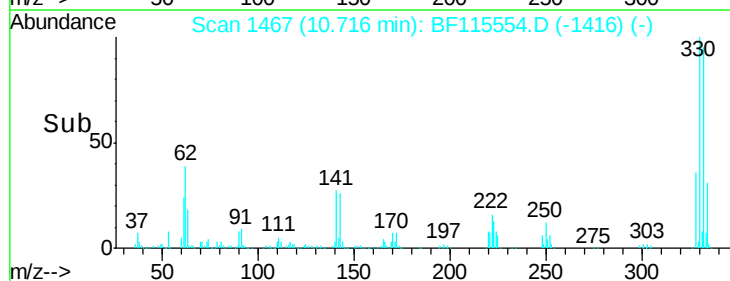
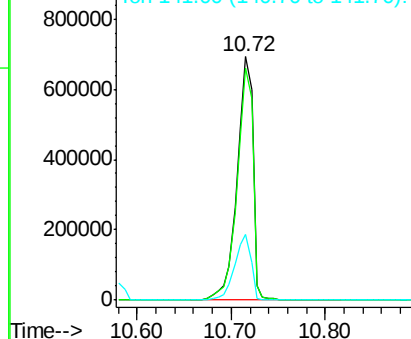
330 100

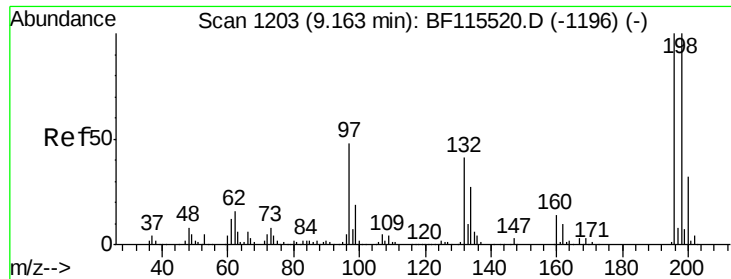
332 95.4 77.4 116.2

141 27.9 22.4 33.6



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

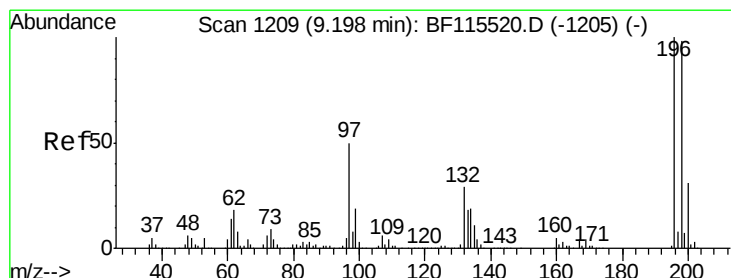
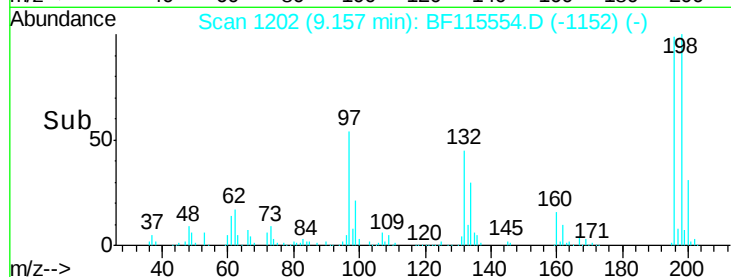
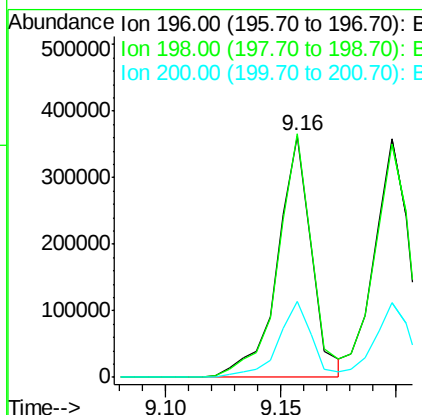
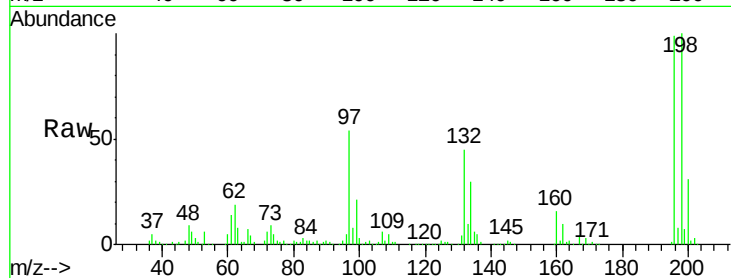




#43
 2,4,6-Trichlorophenol
 Concen: 32.089 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

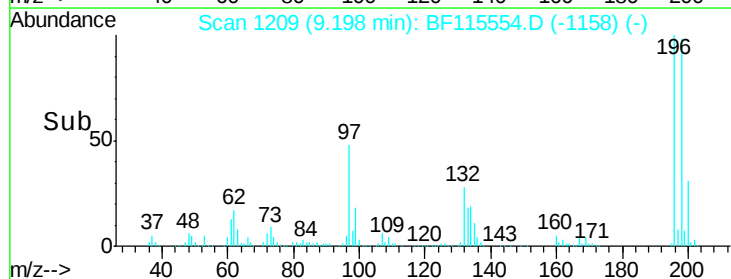
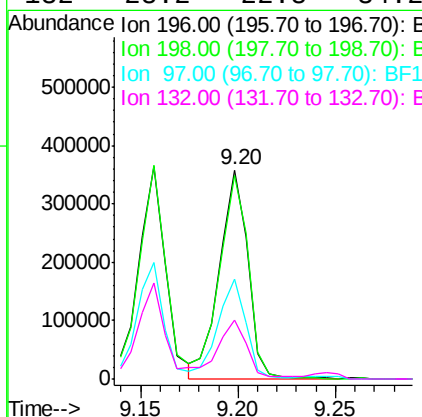
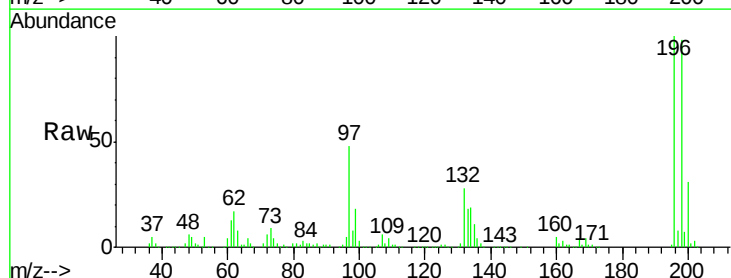
Instrument :
 BNA_F
 ClientSampled :

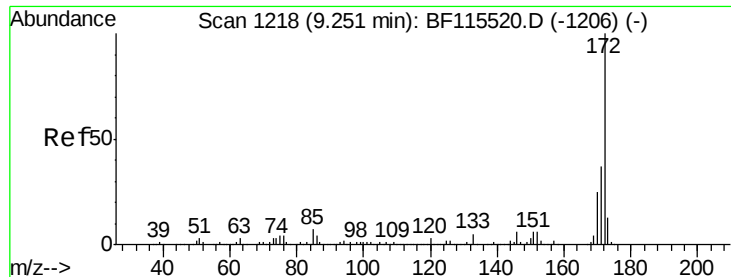
Tot Ion	196	Resp	368064
Ion Ratio	Lower	Upper	
196	100		
198	100.8	80.6	121.0
200	31.6	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 30.701 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion	196	Resp	360630
Ion Ratio	Lower	Upper	
196	100		
198	97.7	79.6	119.4
97	47.9	37.8	56.6
132	28.2	22.8	34.2

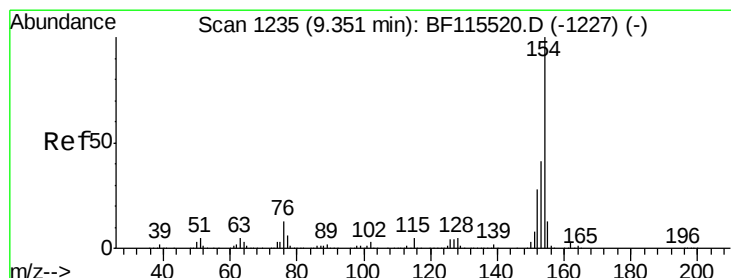
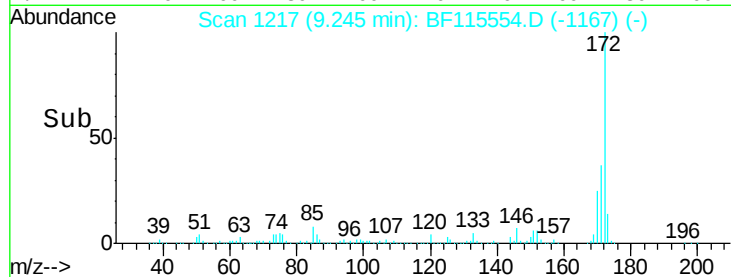
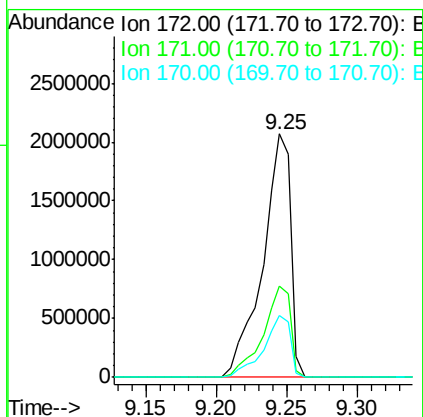
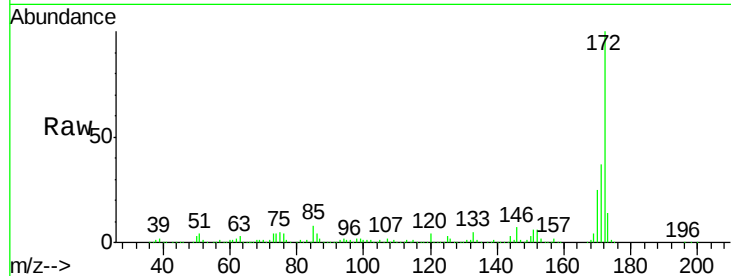




#45
2-Fluorobiphenyl
Concen: 96.686 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

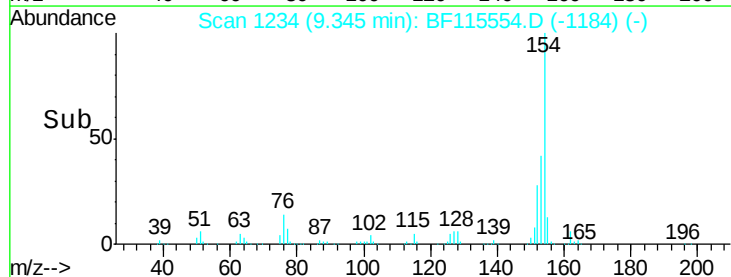
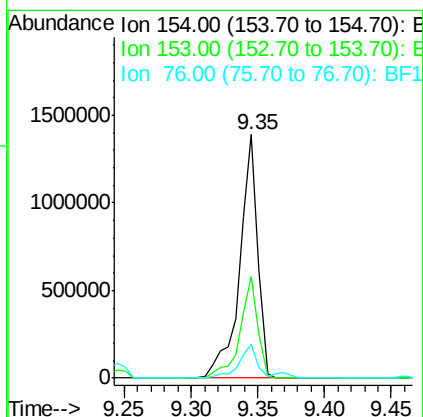
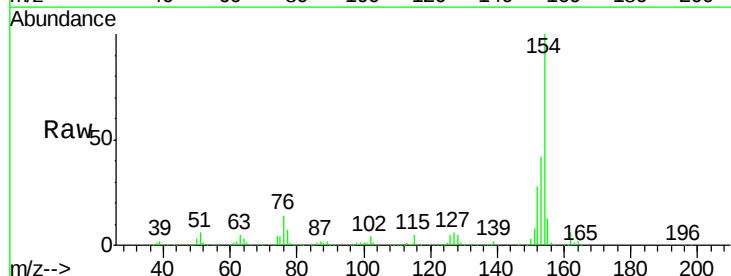
Instrument :
BNA_F
ClientSampleId :

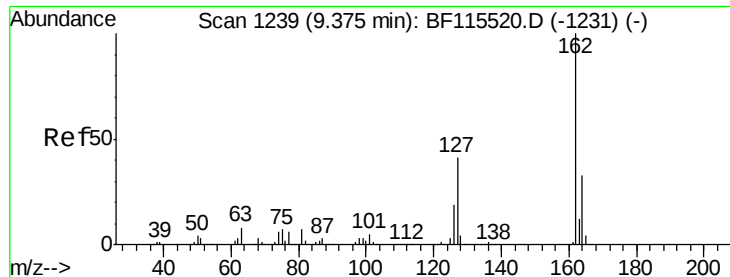
Tot Ion:172 Resp: 2877164
Ion Ratio Lower Upper
172 100
171 37.5 30.6 46.0
170 25.3 20.5 30.7



#46
1,1'-Biphenyl
Concen: 32.275 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:154 Resp: 1314199
Ion Ratio Lower Upper
154 100
153 41.6 22.6 62.6
76 13.9 0.0 33.4

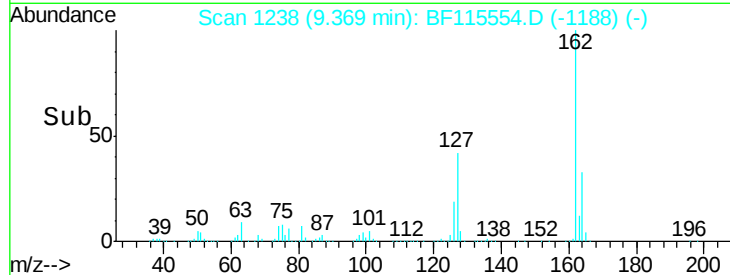
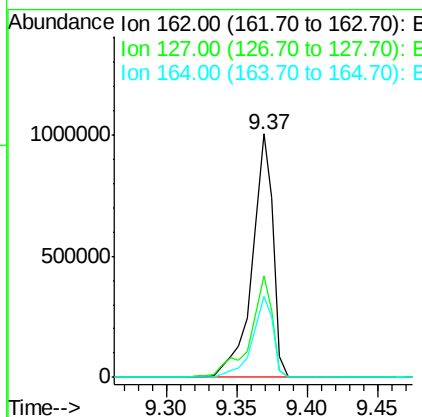
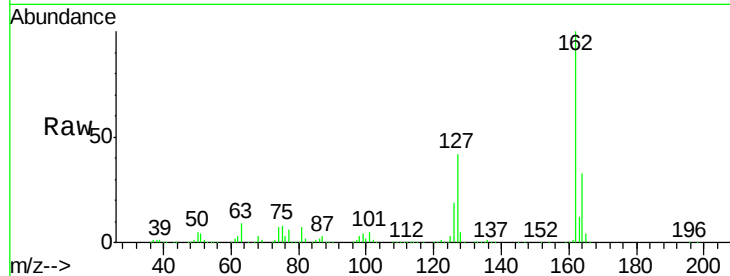




#47
 2-Chloronaphthalene
 Concen: 30.761 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

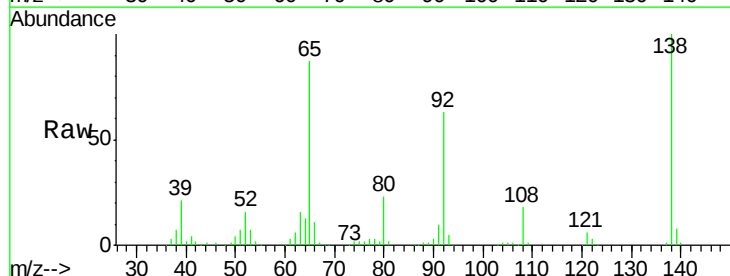
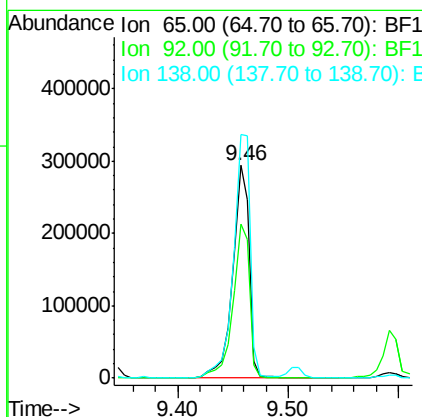
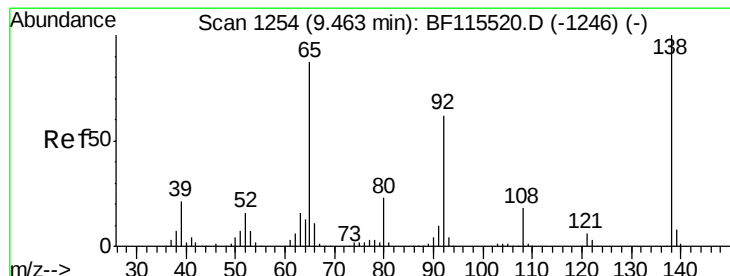
Instrument :
 BNA_F
 ClientSampleId :

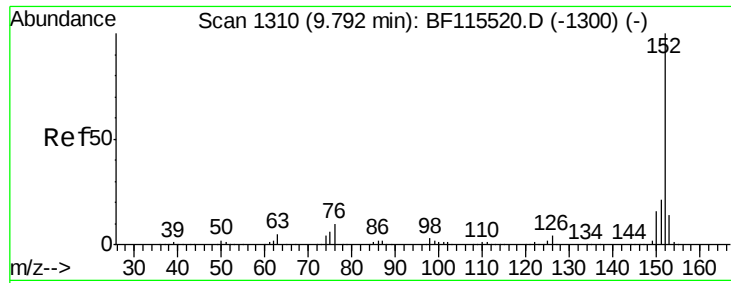
Tot Ion:162 Resp: 1042932
 Ion Ratio Lower Upper
 162 100
 127 41.7 34.1 51.1
 164 33.2 27.4 41.2



#48
 2-Nitroaniline
 Concen: 29.316 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion: 65 Resp: 307643
 Ion Ratio Lower Upper
 65 100
 92 72.6 57.8 86.6
 138 114.6 91.2 136.8





#49

Acenaphthylene

Concen: 31.239 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

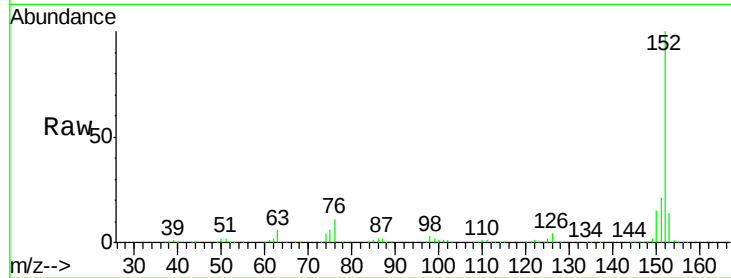
Tot Ion:152 Resp: 1569389

Ion Ratio Lower Upper

152 100

151 21.1 17.7 26.5

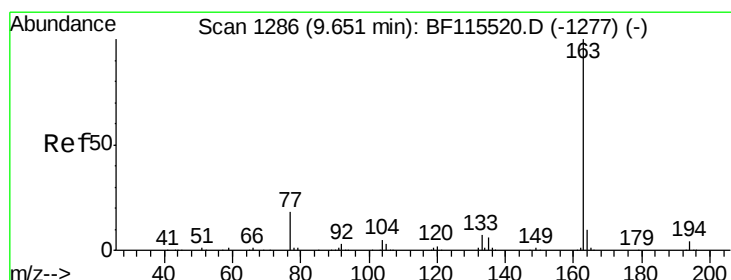
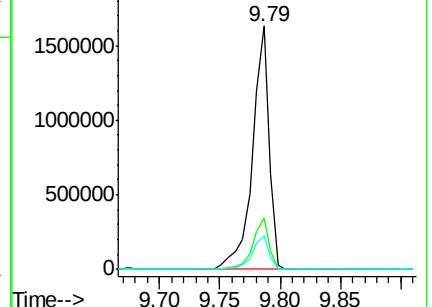
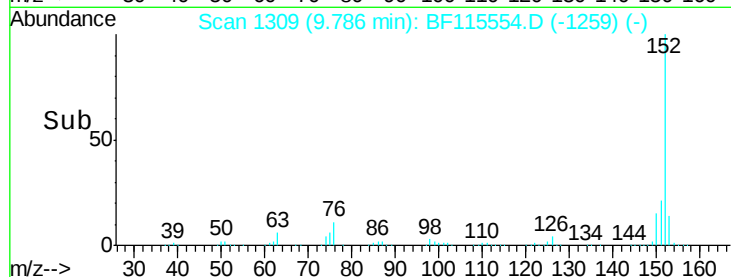
153 14.0 12.0 18.0



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: 30.361 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

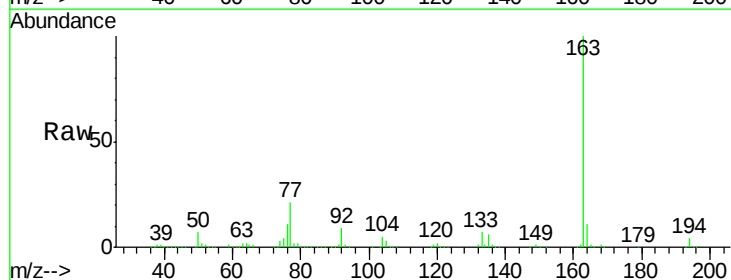
Tgt Ion:163 Resp: 1189745

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

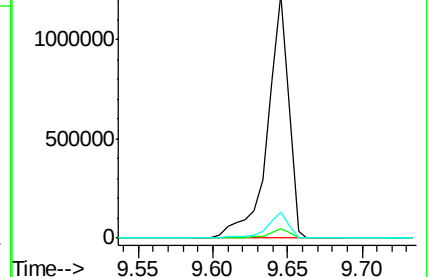
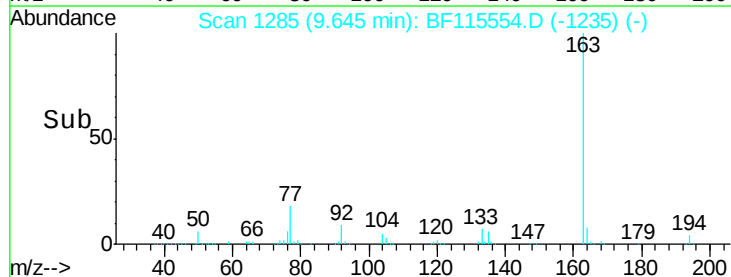
164 10.9 8.7 13.1

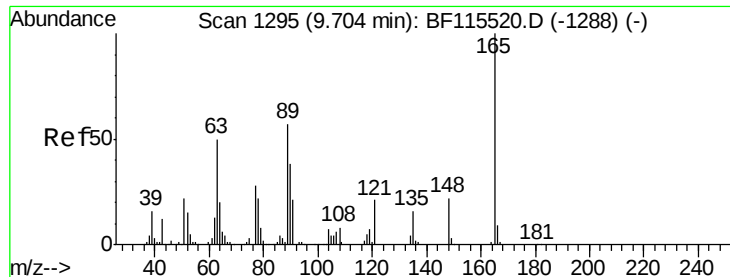


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

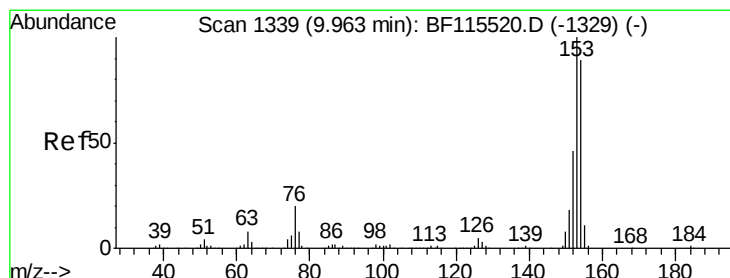
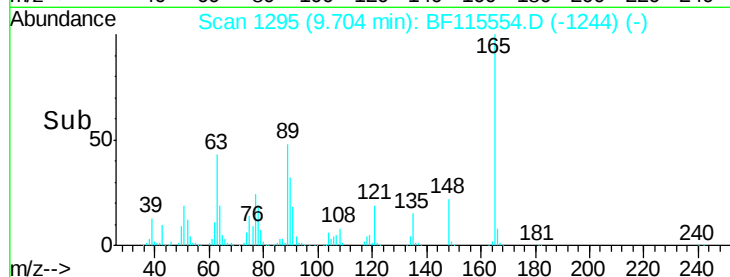
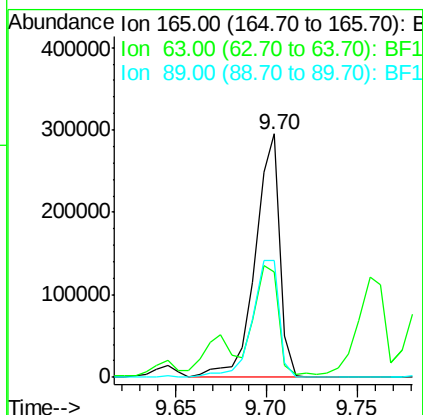
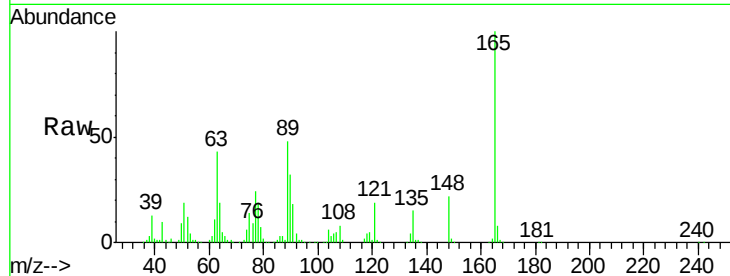




#51
 2,6-Dinitrotoluene
 Concen: 31.131 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

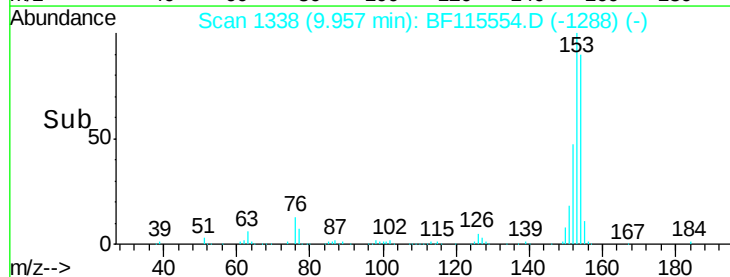
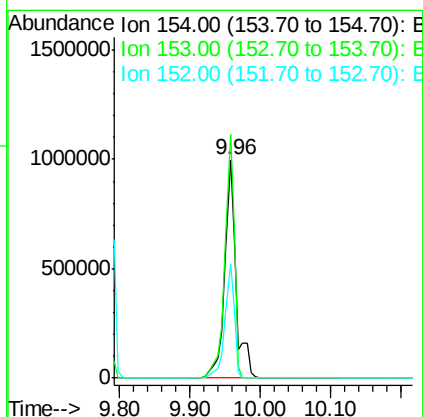
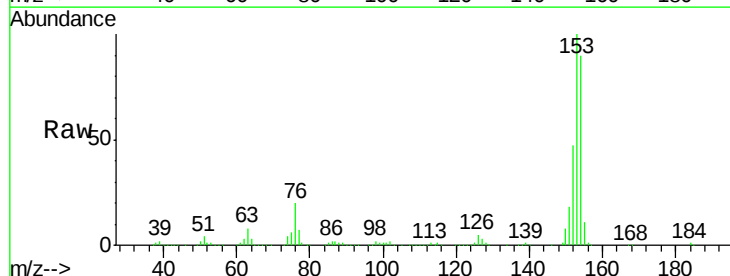
Instrument :
 BNA_F
 ClientSampleId :

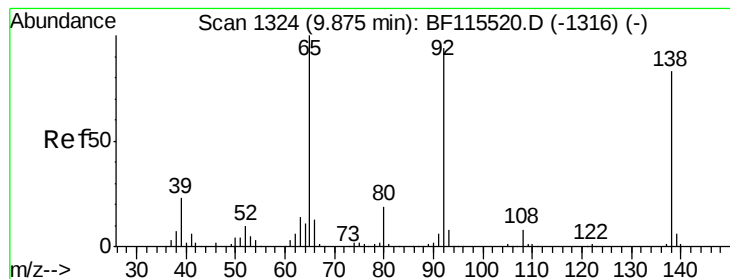
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	40.6	61.0
89	48.1	43.9	65.9



#52
 Acenaphthene
 Concen: 33.783 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.6	133.0
152	52.3	42.3	63.5





#53

3-Nitroaniline

Concen: 19.877 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

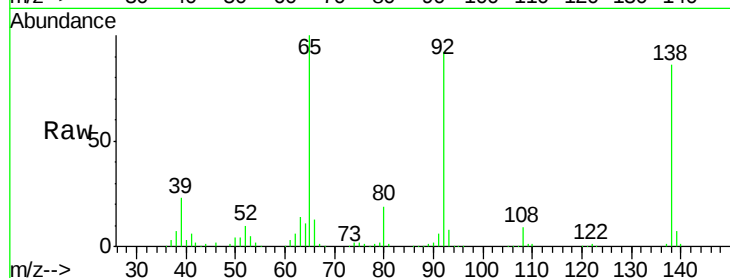
Tot Ion:138 Resp: 202287

Ion Ratio Lower Upper

138 100

108 10.1 8.4 12.6

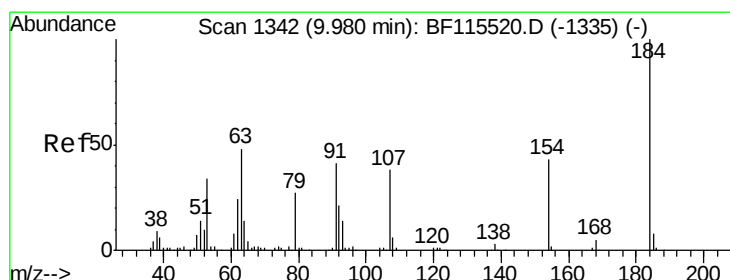
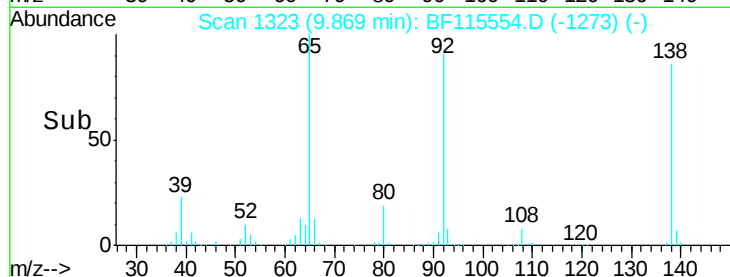
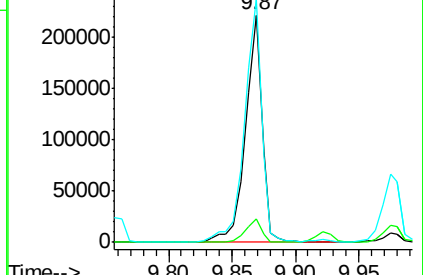
92 107.2 88.0 132.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 59.664 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

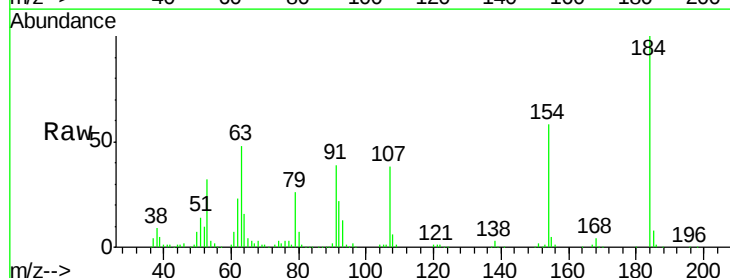
Tgt Ion:184 Resp: 272798

Ion Ratio Lower Upper

184 100

63 47.9 48.7 73.1#

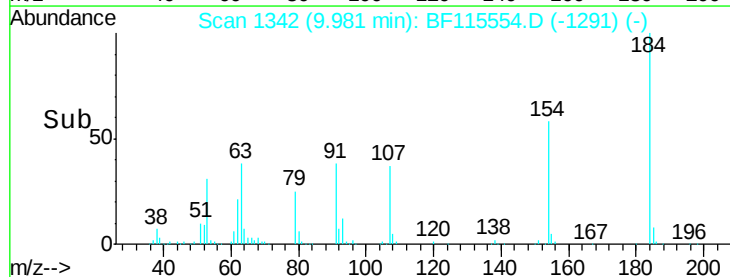
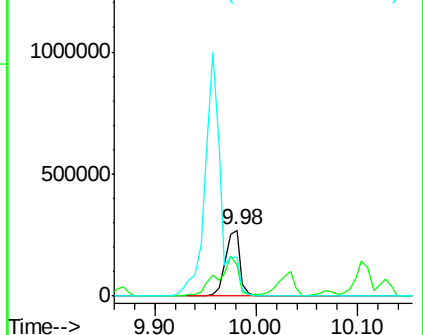
154 58.2 48.6 73.0

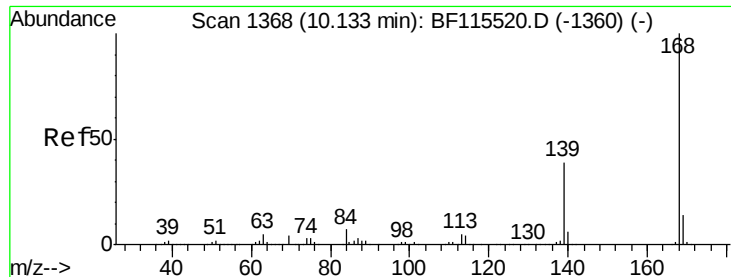


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 30.358 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

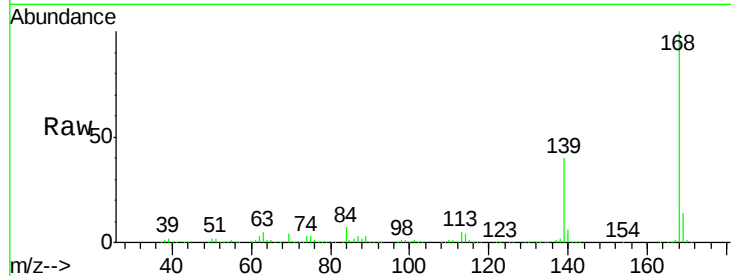
Tot Ion:168 Resp: 1398314

Ion Ratio Lower Upper

168 100

139 39.7 31.1 46.7

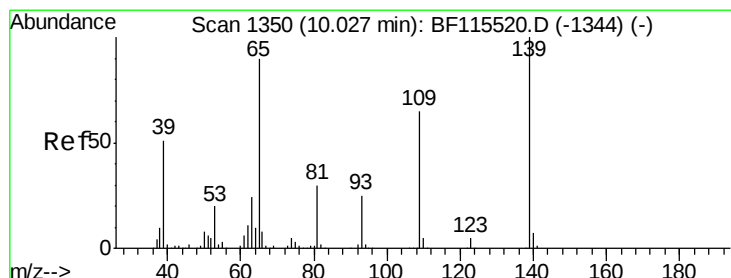
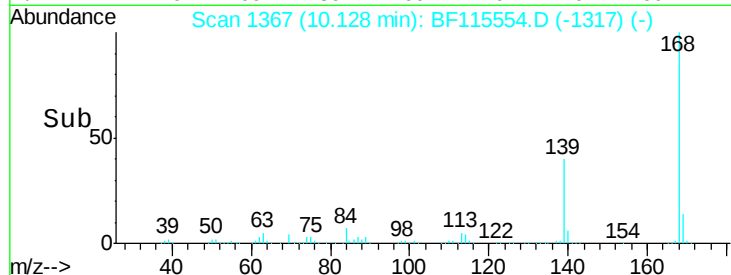
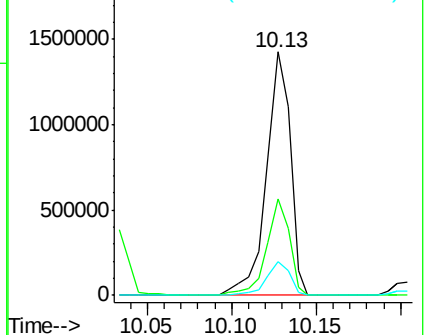
169 14.1 11.1 16.7



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: 56.768 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

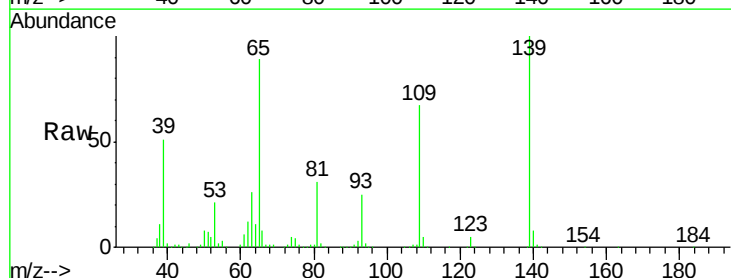
Tgt Ion:139 Resp: 440540

Ion Ratio Lower Upper

139 100

109 66.7 46.4 86.4

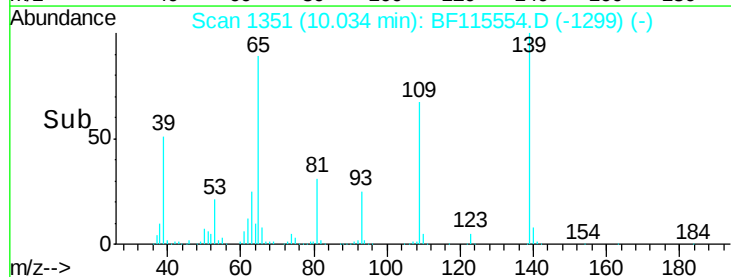
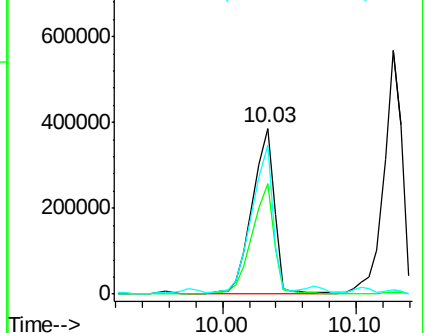
65 89.3 68.9 108.9

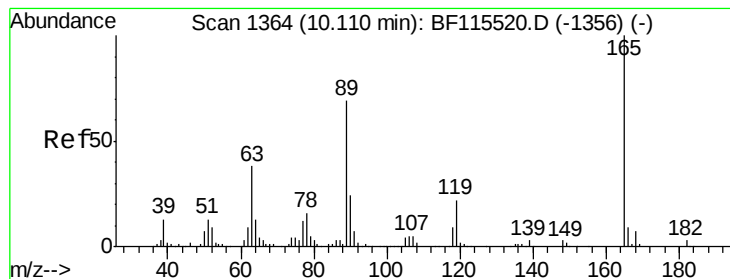


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

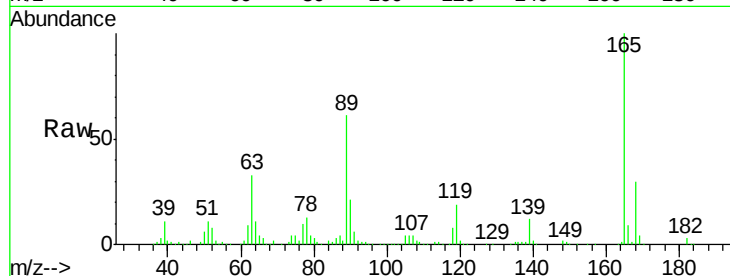




#57
 2,4-Dinitrotoluene
 Concen: 31.625 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	165	Resp	364868
Ion	Ratio	Lower	Upper
165	100		
63	33.5	34.9	52.3#
89	60.6	57.5	86.3
182	2.8	2.2	3.4

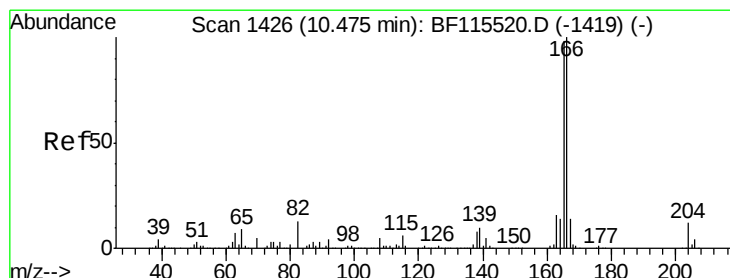
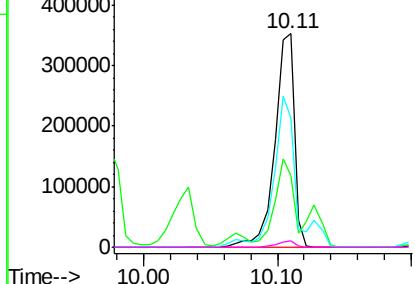
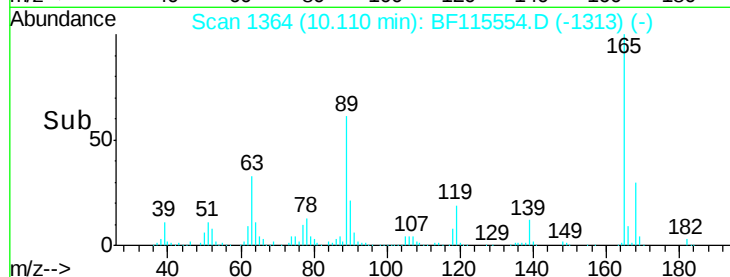


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

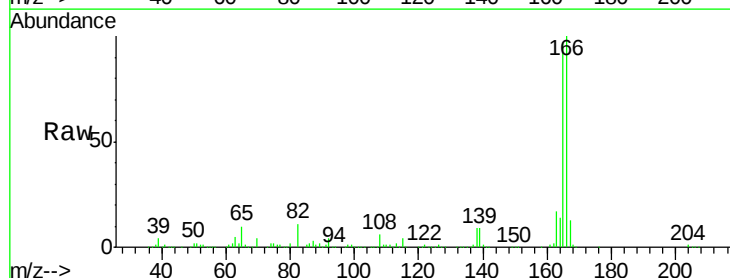
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 31.625 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

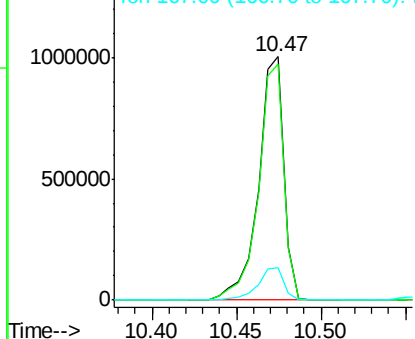
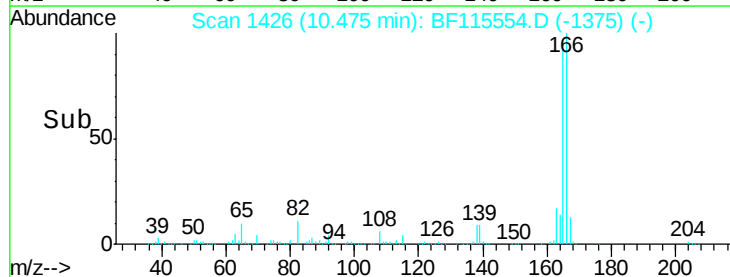
Tgt Ion	166	Resp	1041366
Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.6
167	13.5	11.2	16.8

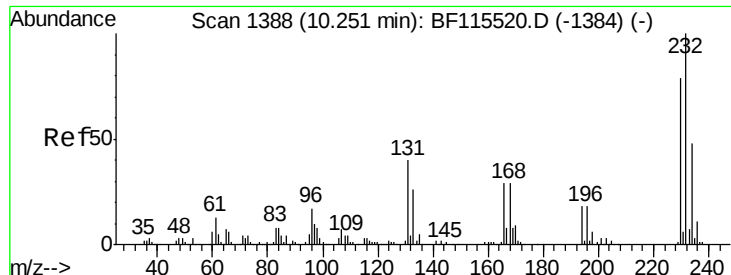


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

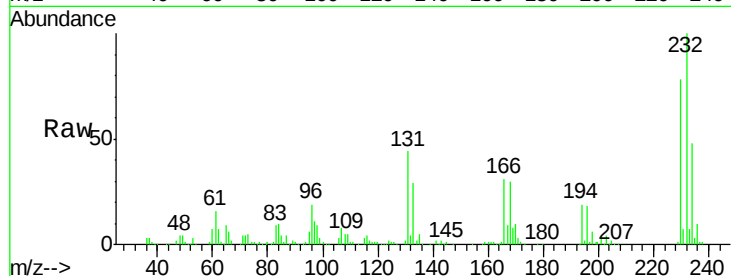




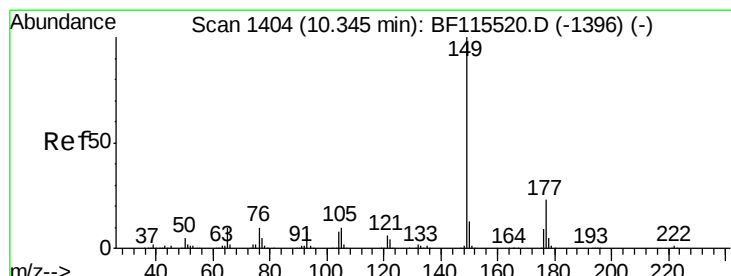
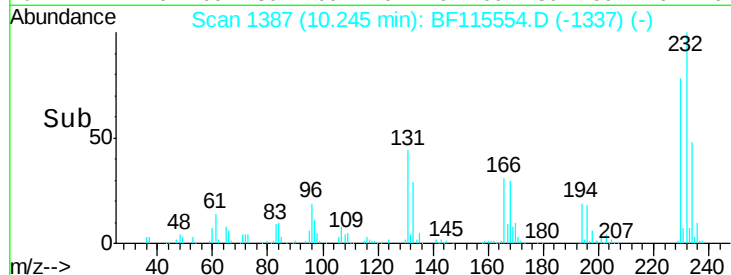
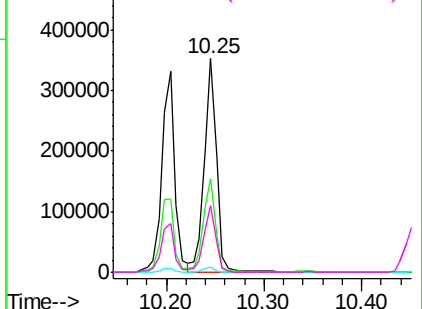
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.295 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 307299
Ion Ratio Lower Upper
232 100
131 44.3 35.9 53.9
130 2.2 1.8 2.6
166 30.8 24.8 37.2

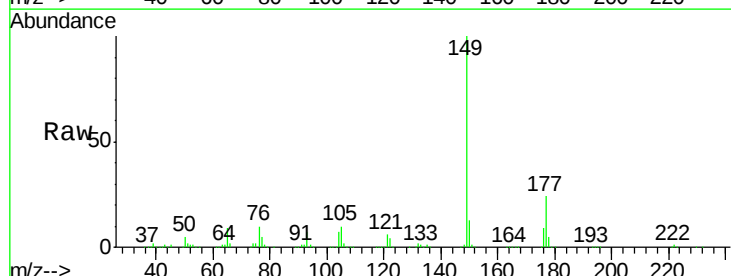


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

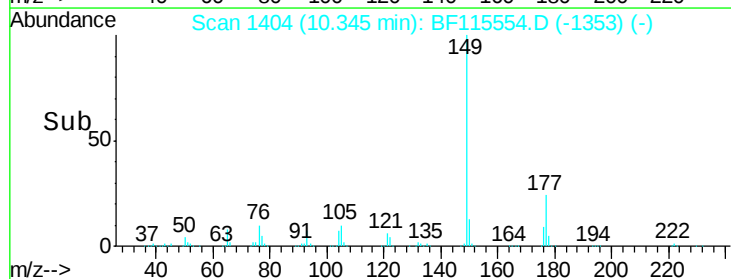
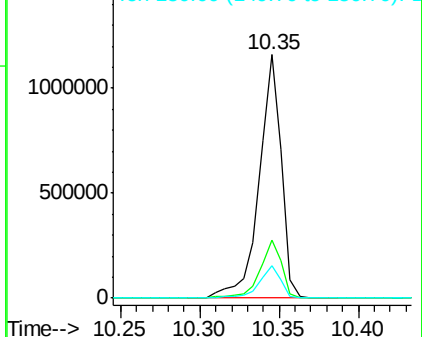


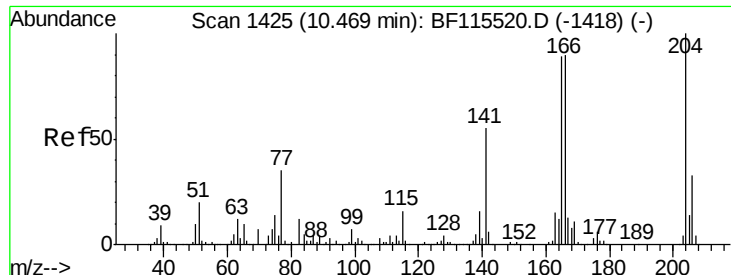
#60
Diethylphthalate
Concen: 30.828 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:149 Resp: 1131891
Ion Ratio Lower Upper
149 100
177 23.9 19.5 29.3
150 13.3 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

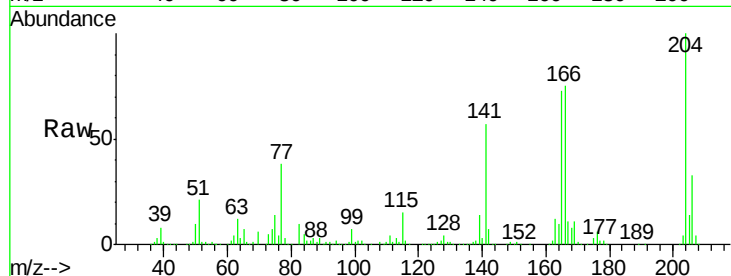




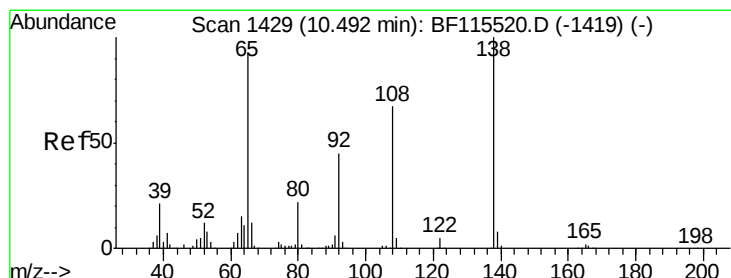
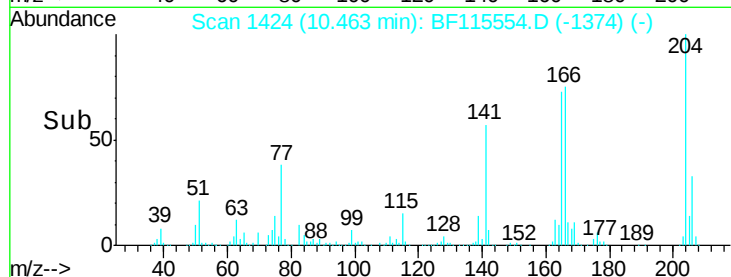
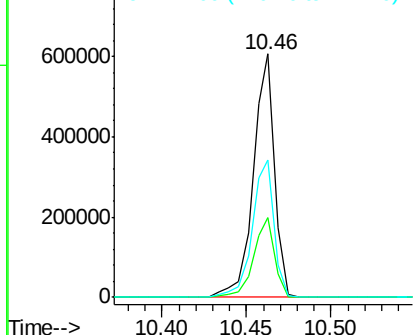
#61
 4-Chlorophenyl-phenylether
 Concen: 29.164 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 532548
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.7 40.1
 141 56.6 44.2 66.2

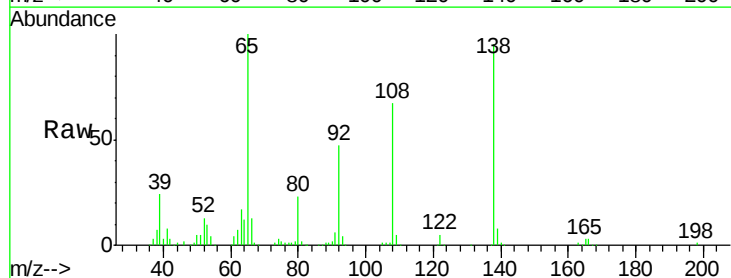


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

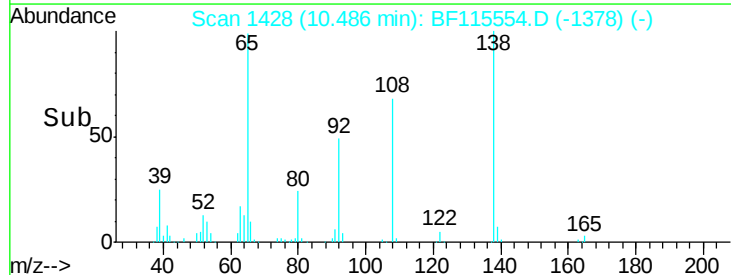
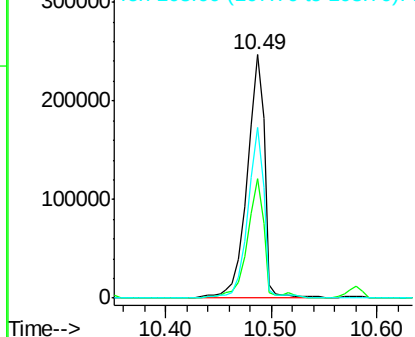


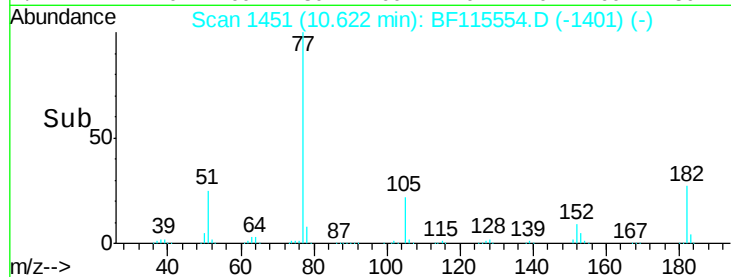
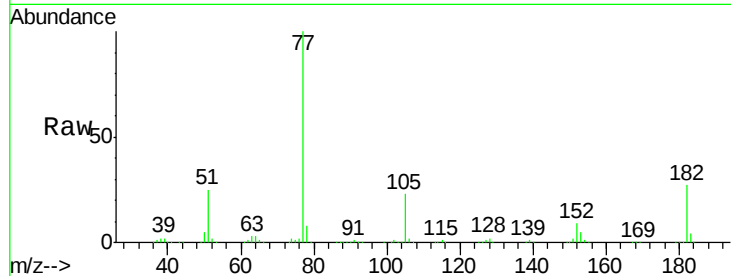
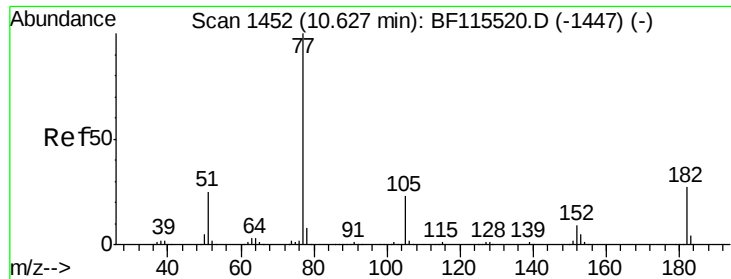
#62
 4-Nitroaniline
 Concen: 29.150 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion:138 Resp: 284556
 Ion Ratio Lower Upper
 138 100
 92 49.1 27.1 67.1
 108 69.9 48.0 88.0



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





#63

Azobenzene

Concen: 30.844 ng

RT: 10.62 min Scan# 1451

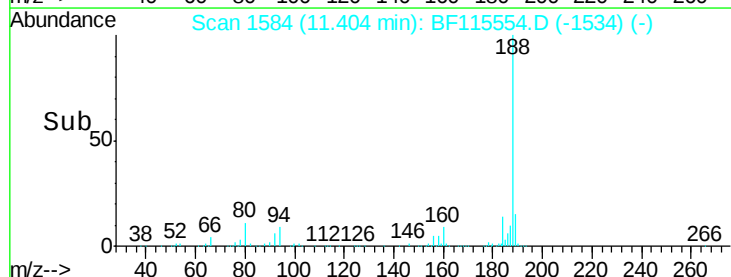
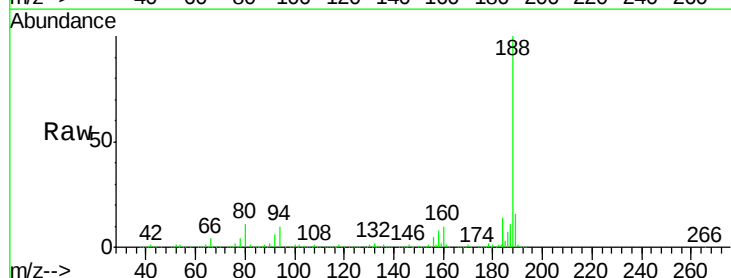
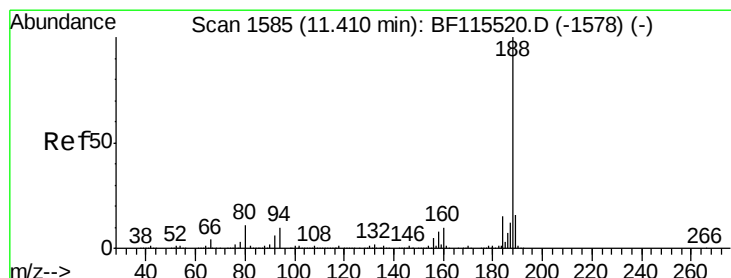
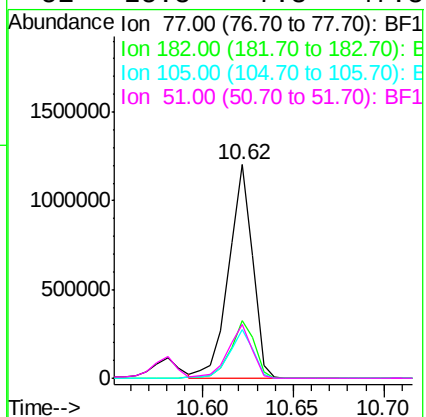
Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Tot Ion: 77 Resp: 1098460

Ion	Ratio	Lower	Upper
77	100		
182	26.7	6.9	46.9
105	23.0	3.9	43.9
51	25.3	7.3	47.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

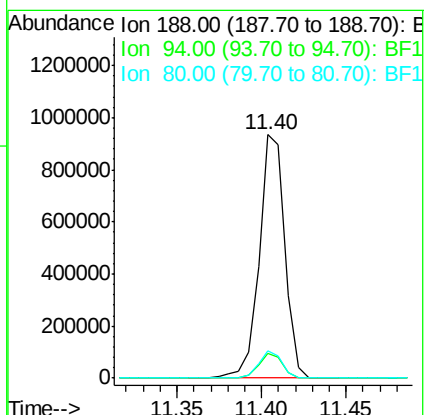
Delta R.T. -0.01 min

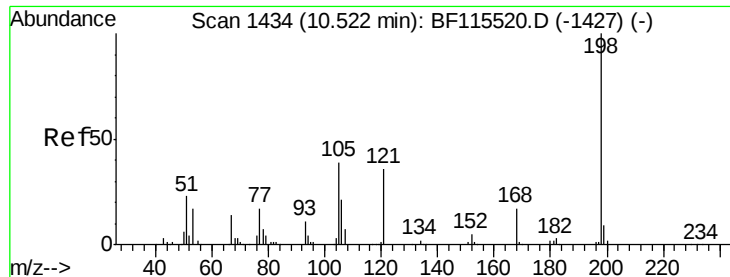
Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Tgt Ion: 188 Resp: 978669

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.6
80	11.5	8.6	13.0

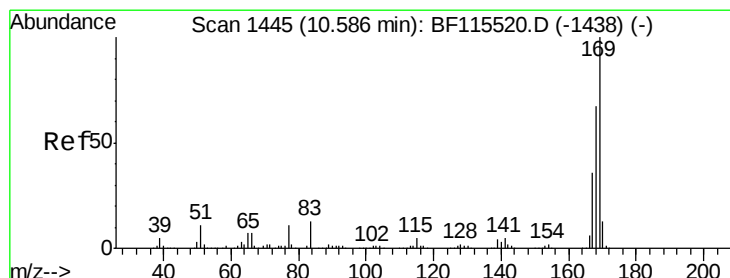
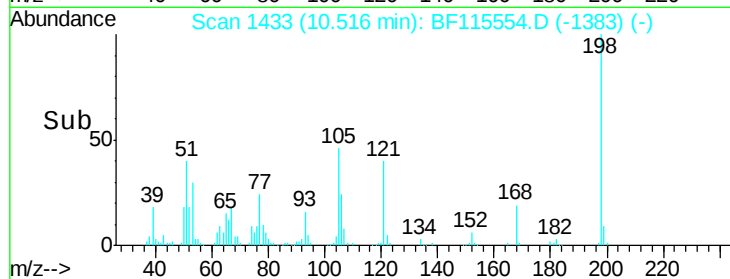
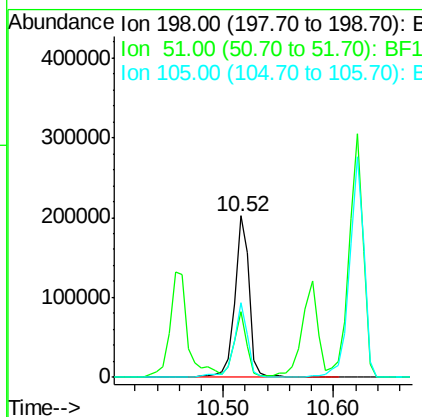
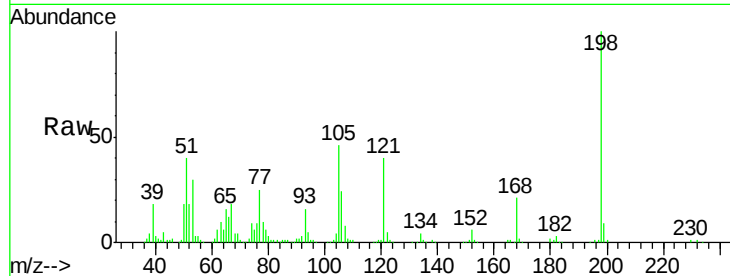




#65
 4,6-Dinitro-2-methylphenol
 Concen: 30.856 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

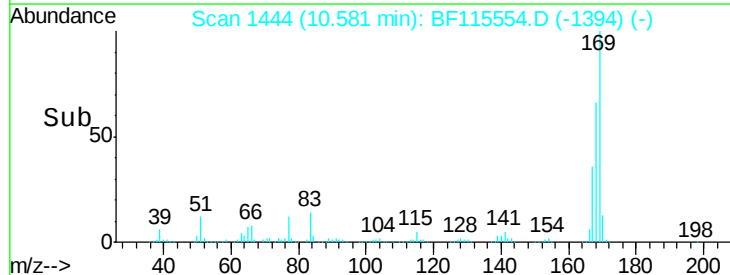
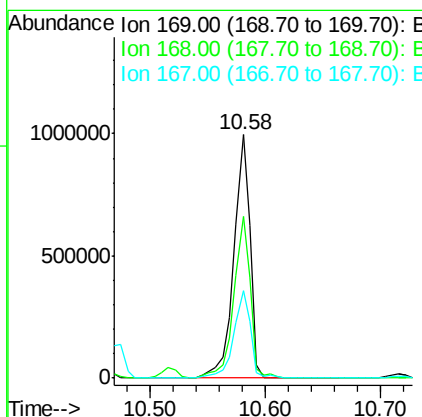
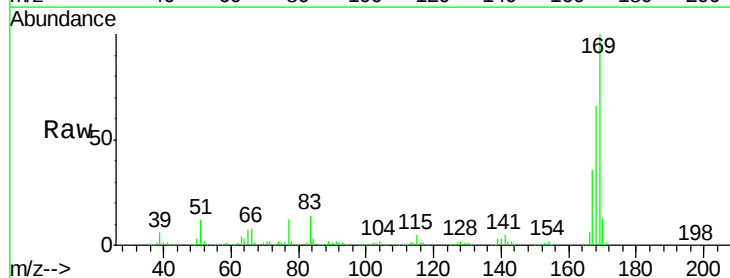
Instrument :
 BNA_F
 ClientSampleId :

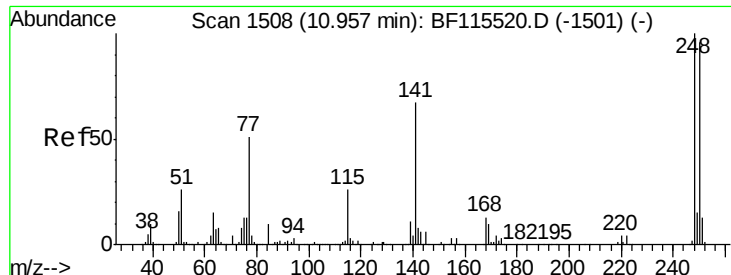
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.3	19.1	59.1
105	45.9	23.6	63.6



#66
 n-Nitrosodiphenylamine
 Concen: 31.763 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.3	81.5
167	36.1	30.2	45.2

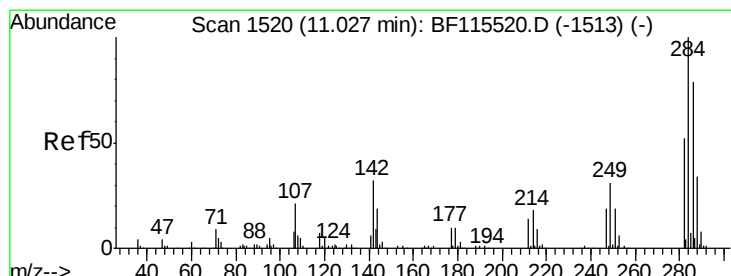
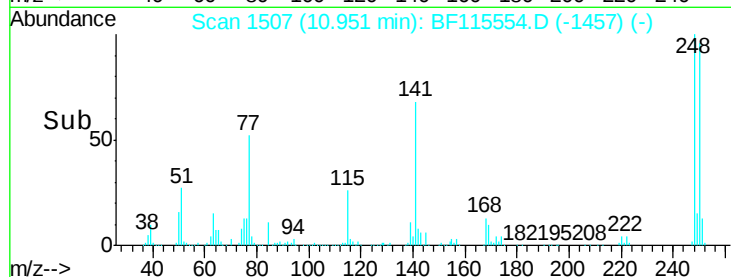
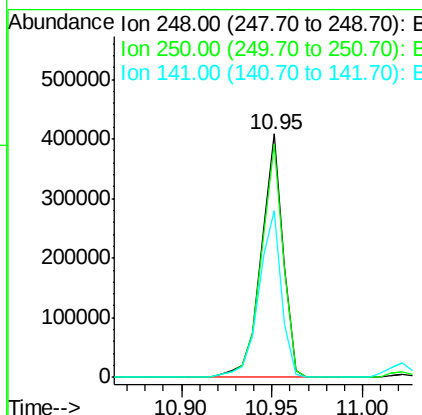
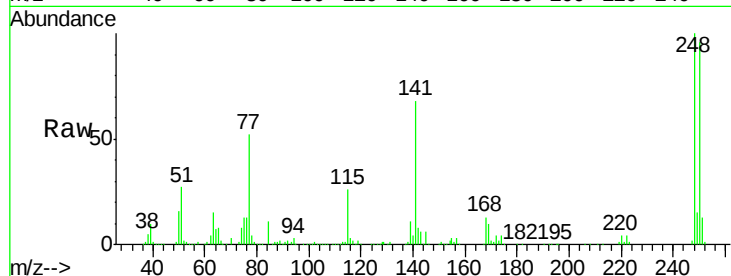




#67
4-Bromophenyl-phenylether
Concen: 30.684 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

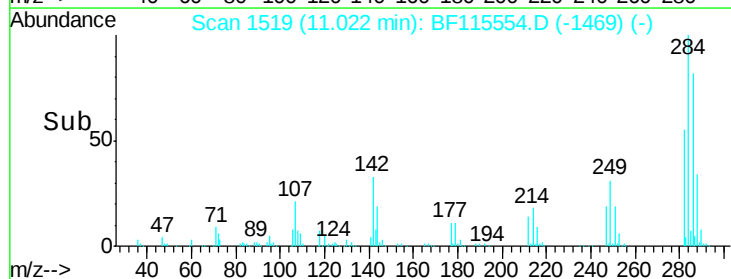
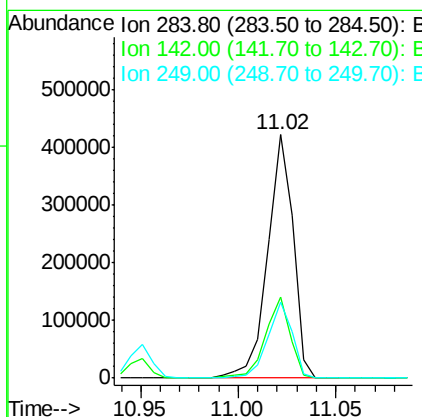
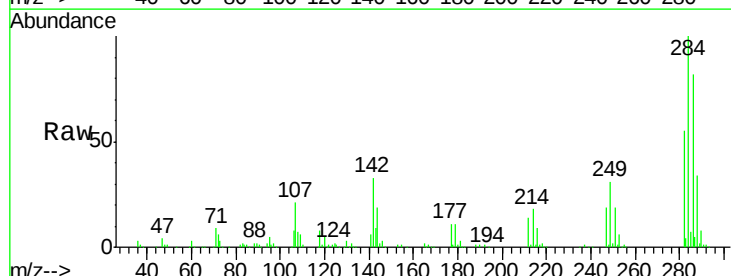
Instrument :
BNA_F
ClientSampleId :

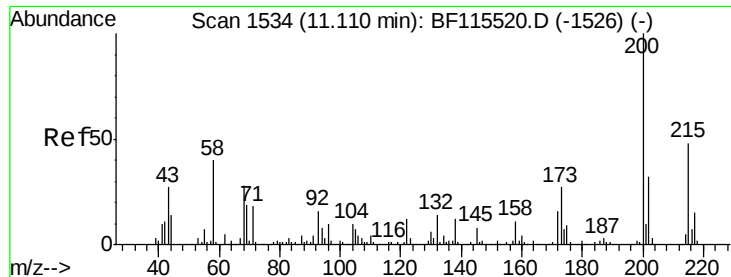
Tot Ion:248 Resp: 343168
Ion Ratio Lower Upper
248 100
250 95.7 78.0 117.0
141 68.5 57.7 86.5



#68
Hexachlorobenzene
Concen: 29.876 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:284 Resp: 381581
Ion Ratio Lower Upper
284 100
142 33.2 22.2 33.2
249 31.2 23.4 35.2





#69

Atrazine

Concen: 31.581 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampled :

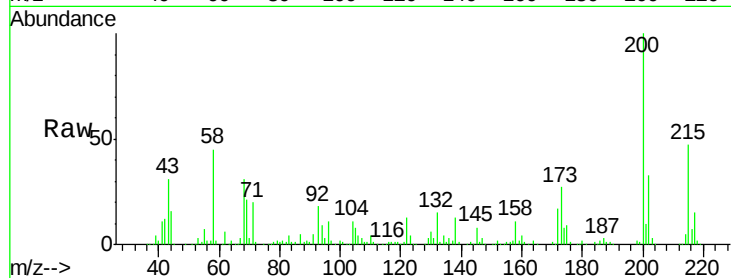
Tot Ion:200 Resp: 315403

Ion Ratio Lower Upper

200 100

173 27.3 6.9 46.9

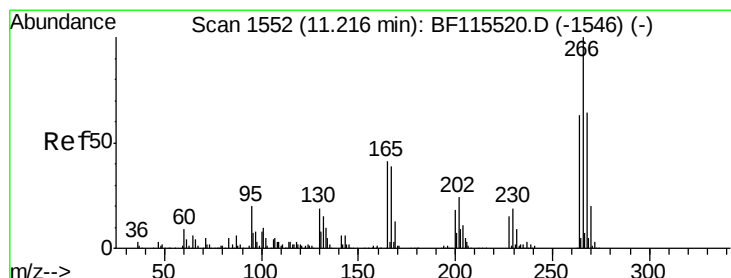
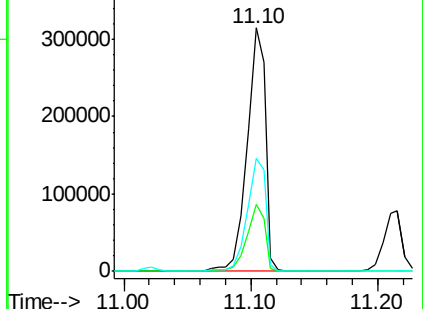
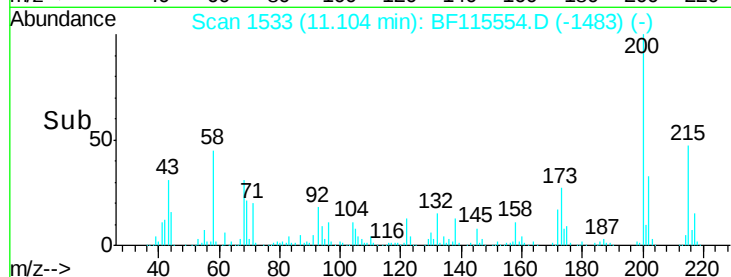
215 46.6 27.9 67.9



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: 57.960 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

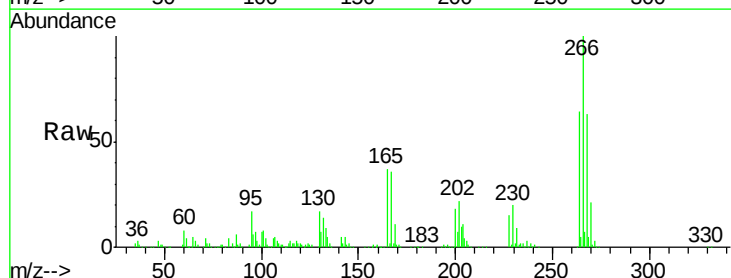
Tgt Ion:266 Resp: 452764

Ion Ratio Lower Upper

266 100

268 63.0 51.6 77.4

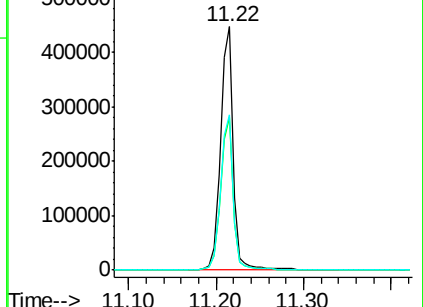
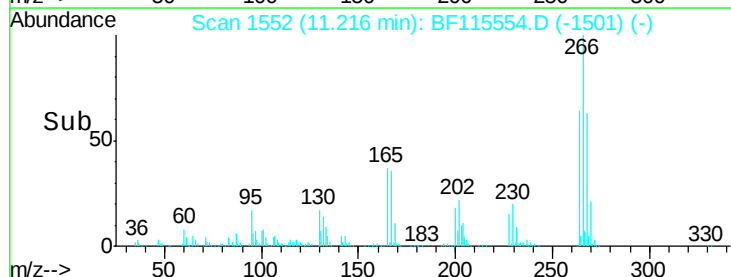
264 63.8 50.6 76.0

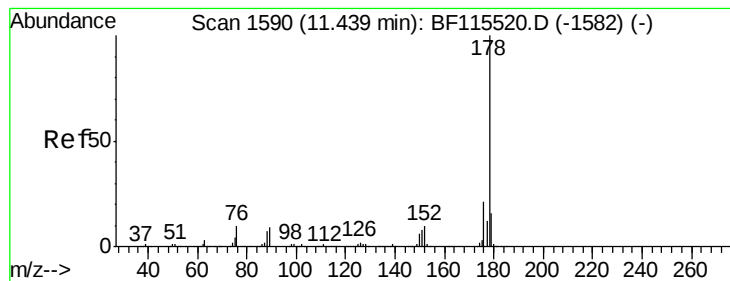


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 30.571 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

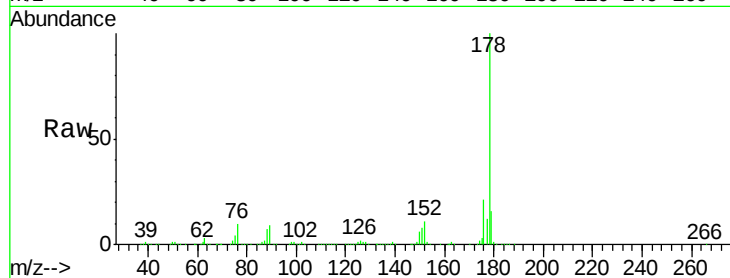
Tot Ion:178 Resp: 1533619

Ion Ratio Lower Upper

178 100

176 20.6 17.2 25.8

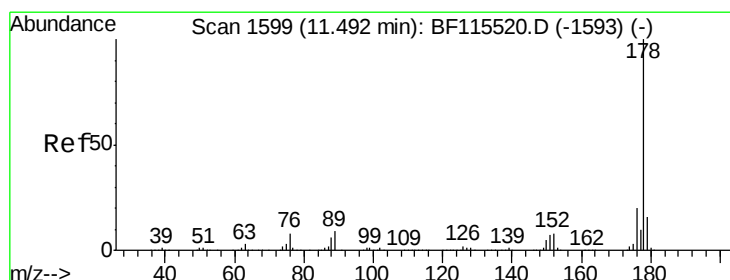
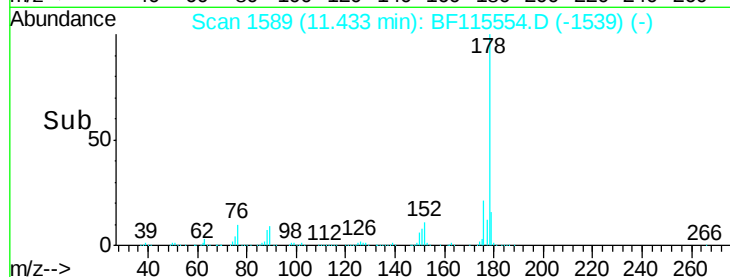
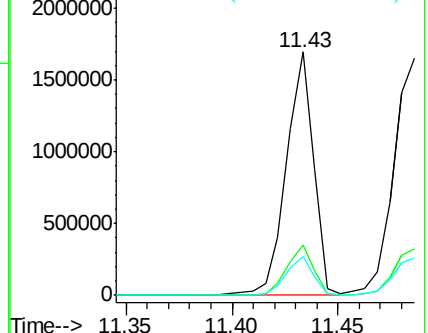
179 15.9 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 30.265 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

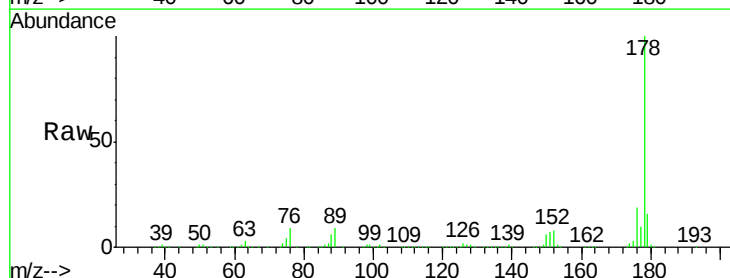
Tgt Ion:178 Resp: 1569082

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

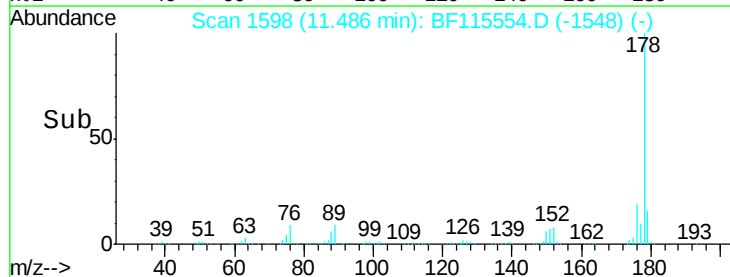
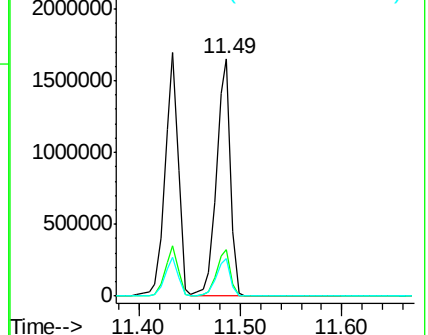
179 15.9 12.7 19.1

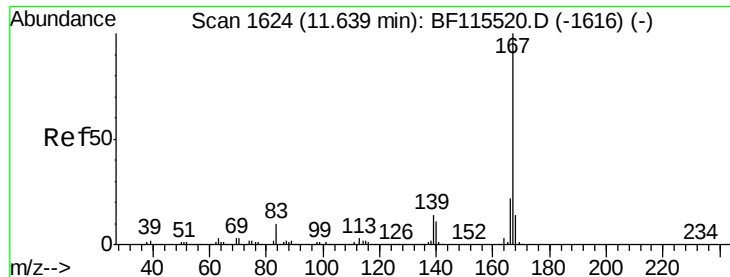


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



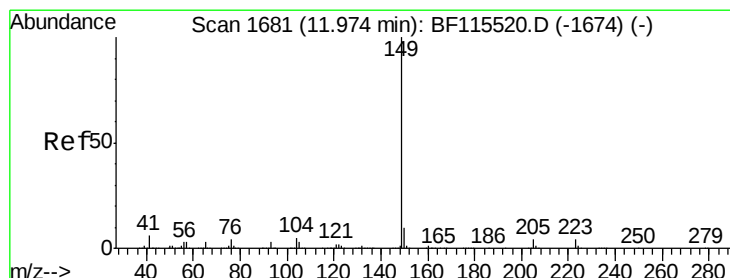
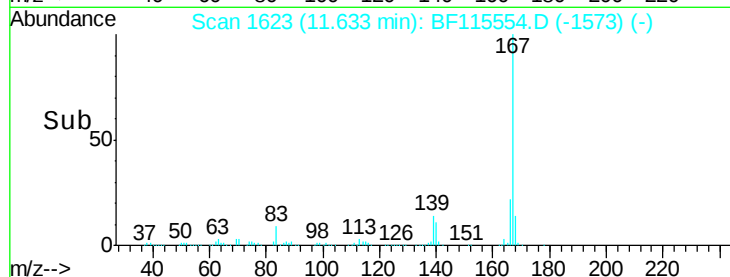
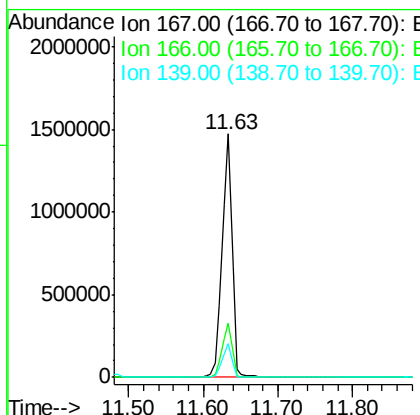
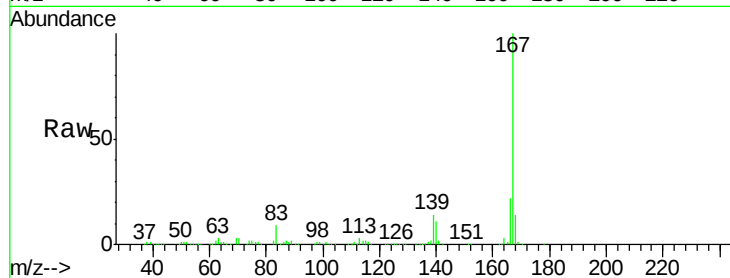


#73
 Carbazole
 Concen: 30.256 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1375560

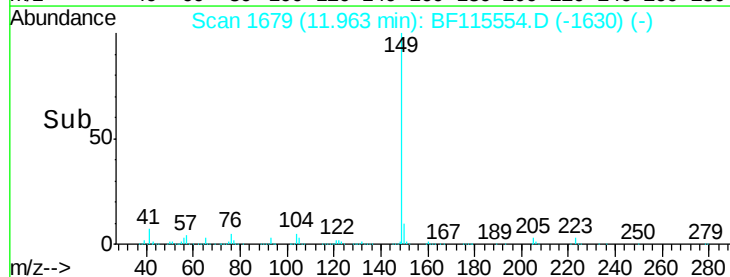
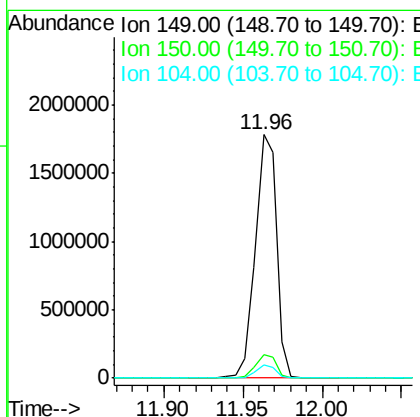
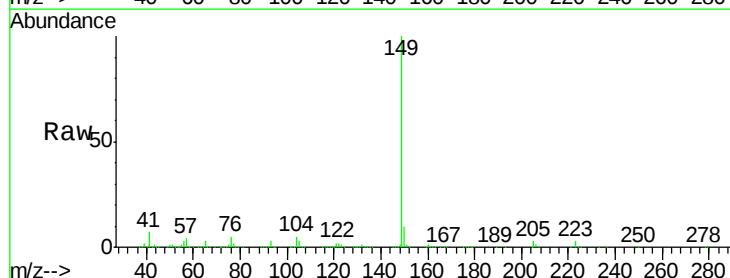
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	14.0	11.3	16.9

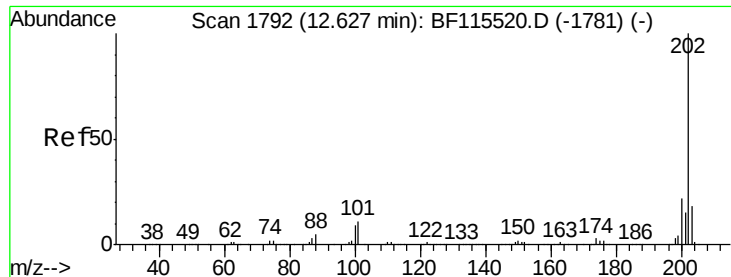


#74
 Di-n-butylphthalate
 Concen: 29.722 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion:149 Resp: 1664481

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.3	3.8	5.8

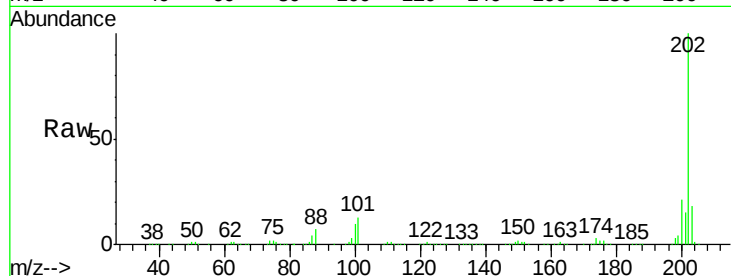




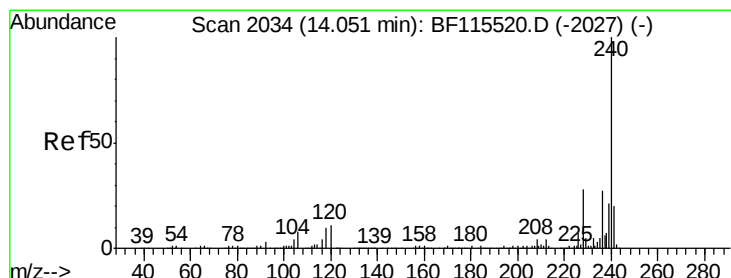
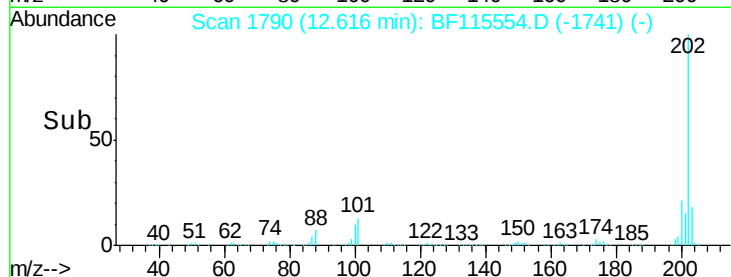
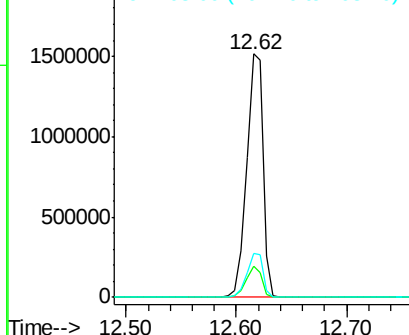
#75
 Fluoranthene
 Concen: 30.046 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1592804
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 31.4
 203 18.0 0.0 38.1

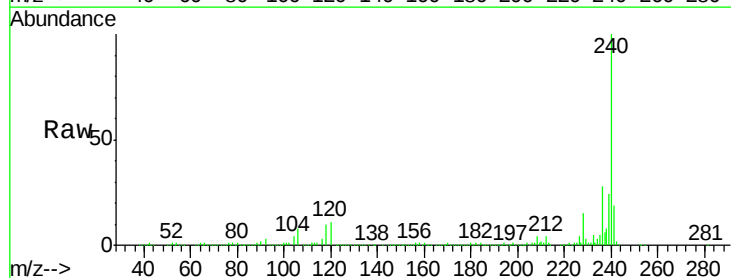


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

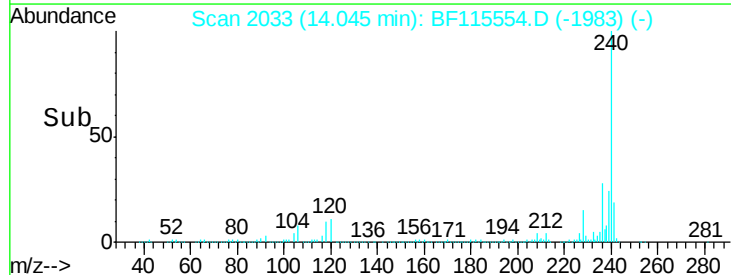
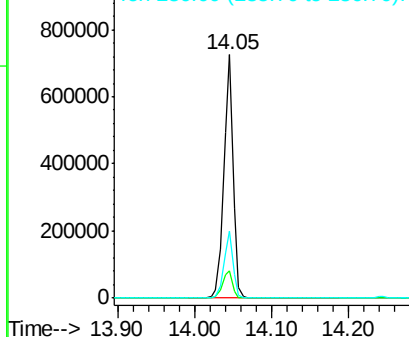


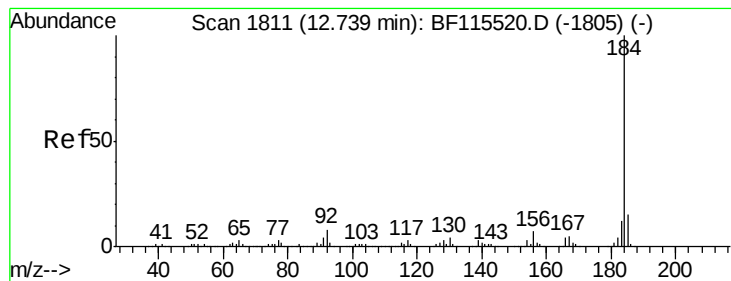
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion:240 Resp: 607649
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.6 13.0
 236 27.6 21.3 31.9



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





#77

Benzidine

Concen: 24.222 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

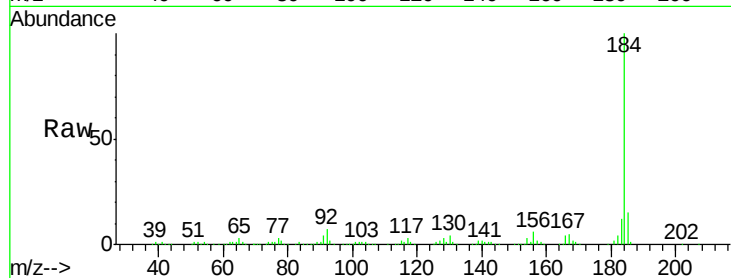
Tot Ion:184 Resp: 521411

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

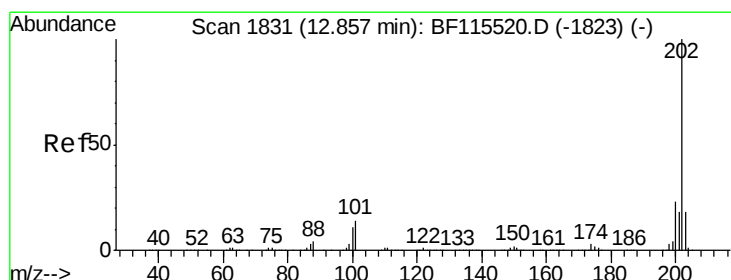
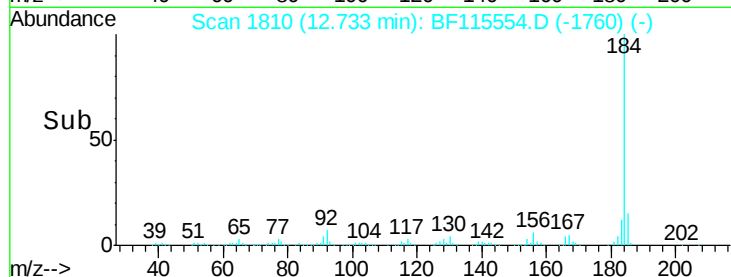
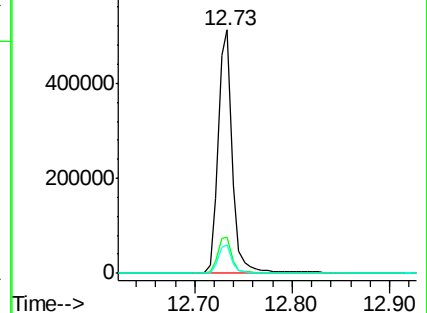
183 11.6 9.3 13.9



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: 30.840 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

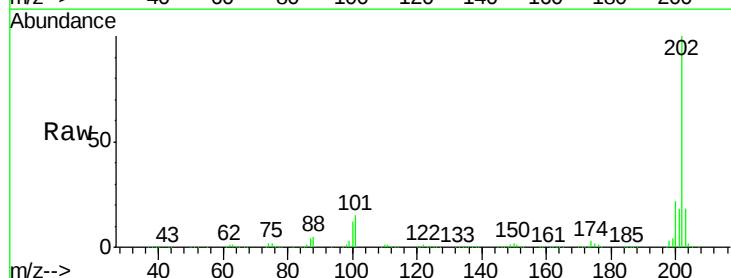
Tgt Ion:202 Resp: 1587712

Ion Ratio Lower Upper

202 100

200 22.5 18.7 28.1

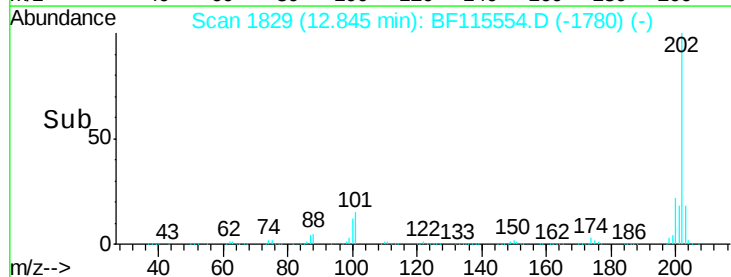
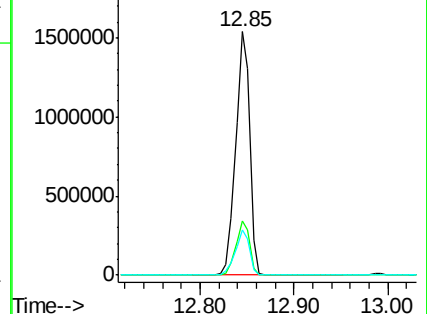
203 18.5 15.2 22.8

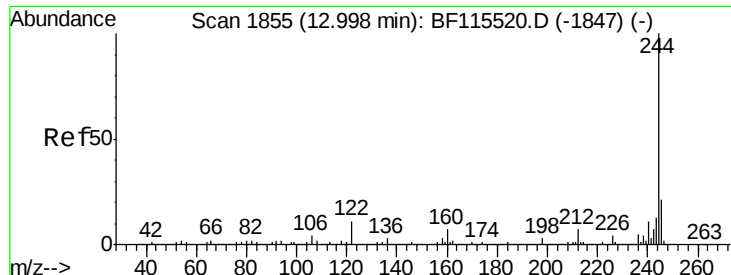


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.135 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

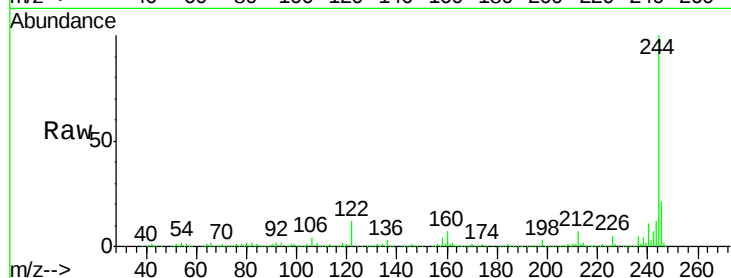
Tot Ion:244 Resp: 2803656

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

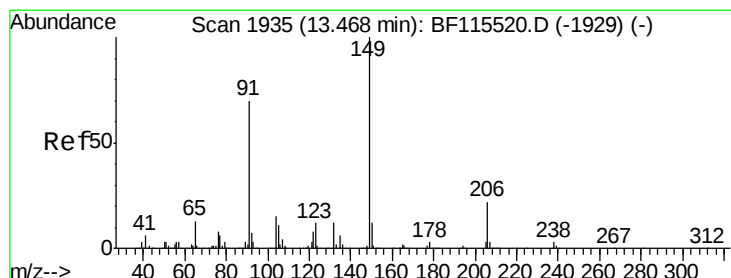
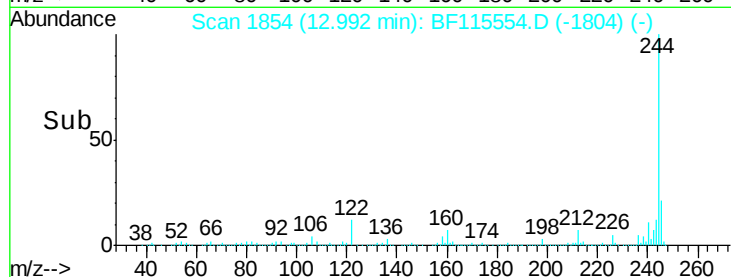
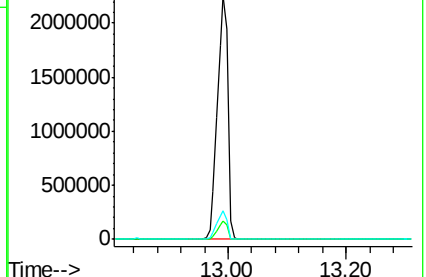
122 11.5 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 30.876 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

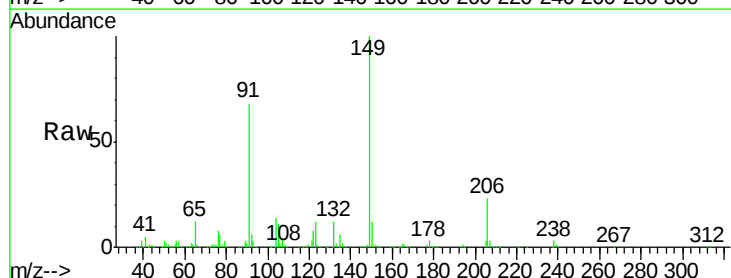
Tgt Ion:149 Resp: 677627

Ion Ratio Lower Upper

149 100

91 67.6 55.8 83.8

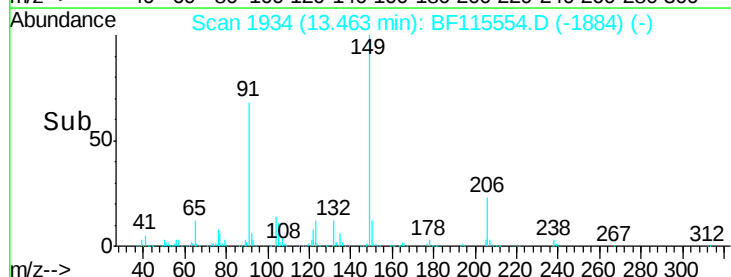
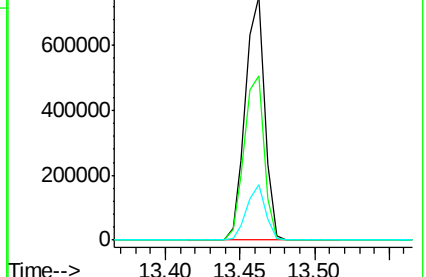
206 22.9 18.2 27.2

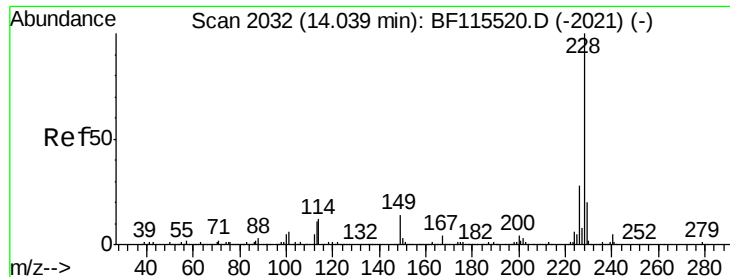


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

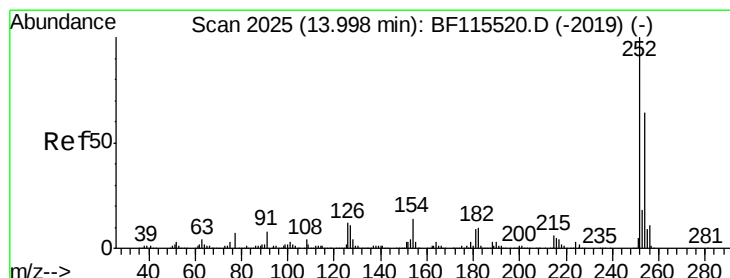
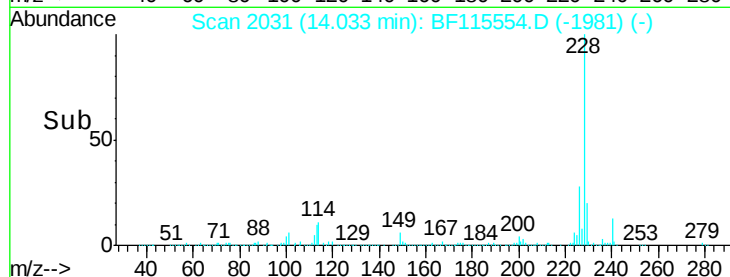
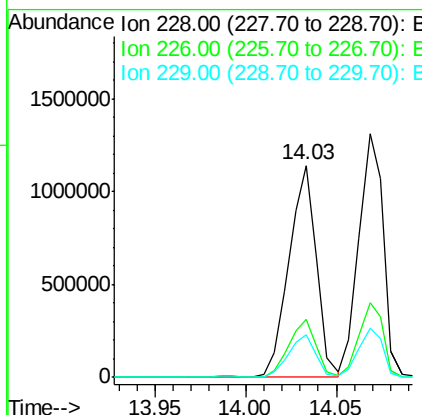
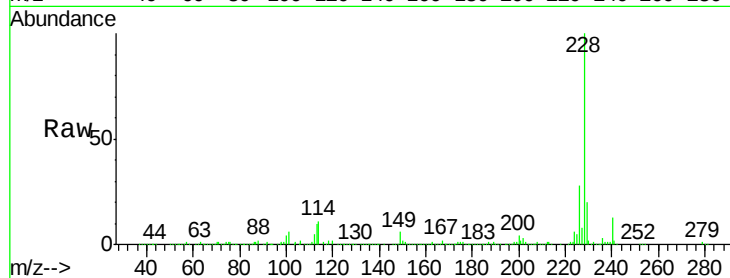




#81
Benzo(a)anthracene
Concen: 30.303 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

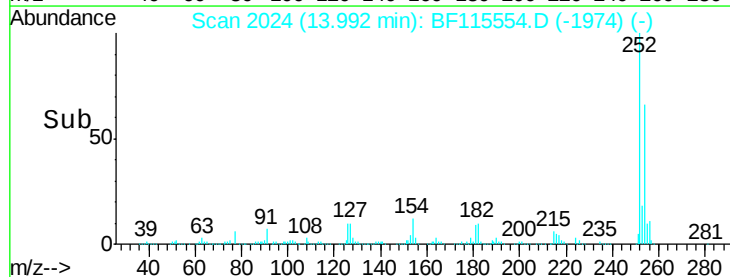
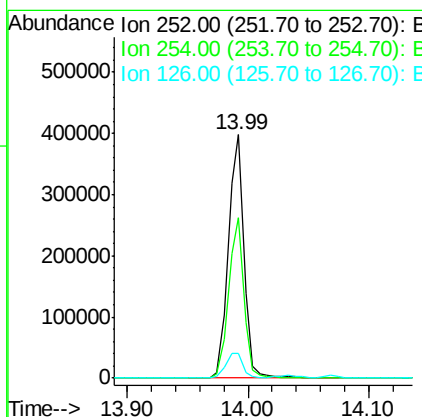
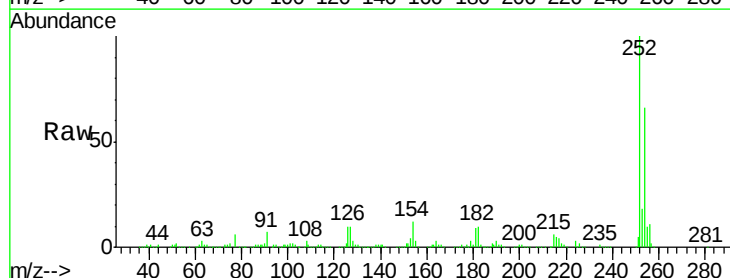
Instrument :
BNA_F
ClientSampleId :

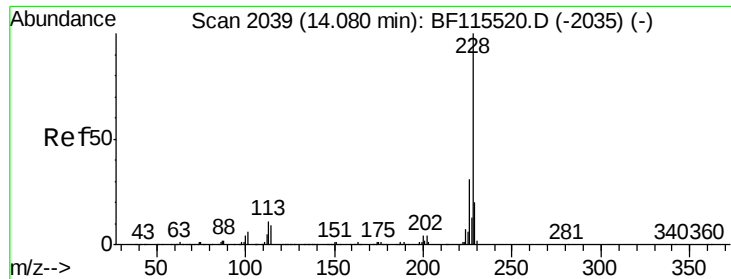
Tot Ion:228 Resp: 1213105
Ion Ratio Lower Upper
228 100
226 27.6 23.4 35.0
229 20.2 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 25.190 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:252 Resp: 358487
Ion Ratio Lower Upper
252 100
254 65.9 52.9 79.3
126 10.2 9.9 14.9





#83

Chrvsene

Concen: 30.944 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

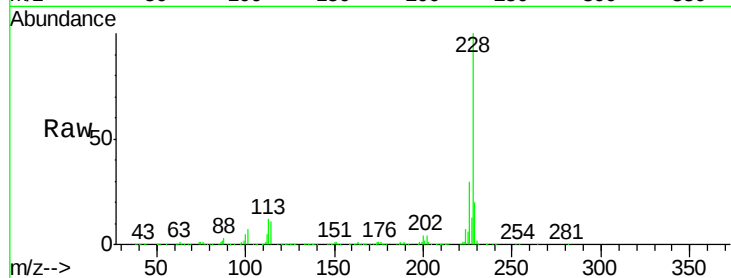
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1243517

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	20.2	16.6	25.0

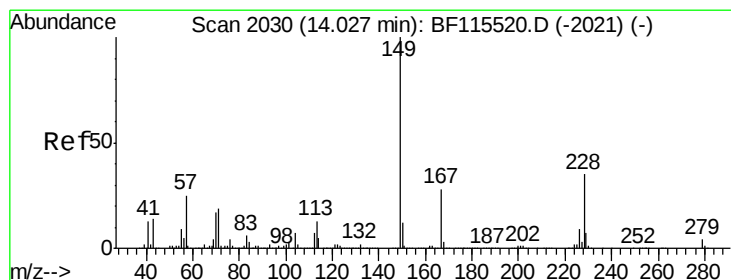
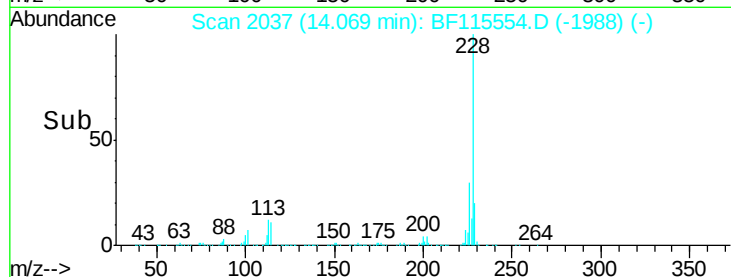
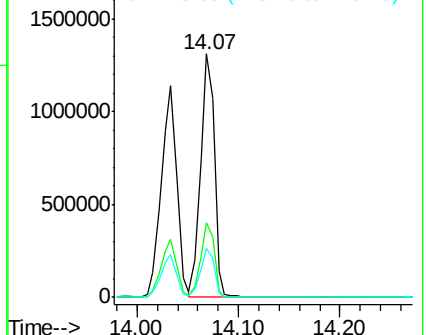


Abundance

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: 31.698 ng

RT: 14.02 min Scan# 2029

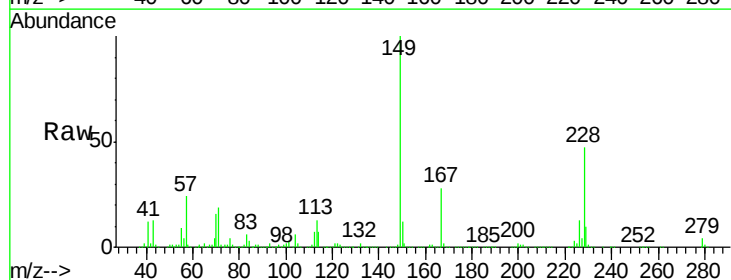
Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Tgt Ion:149 Resp: 861710

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.0	34.4
279	4.5	4.2	6.2

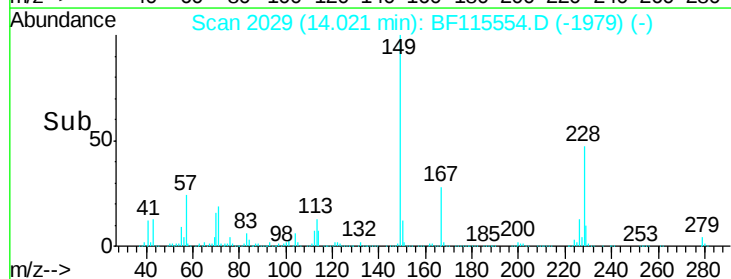
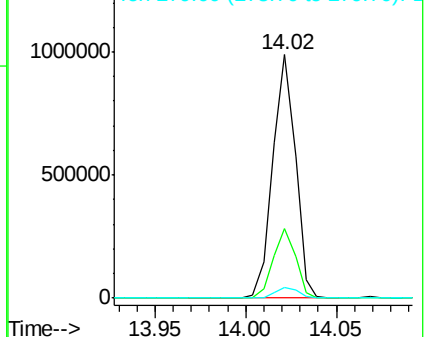


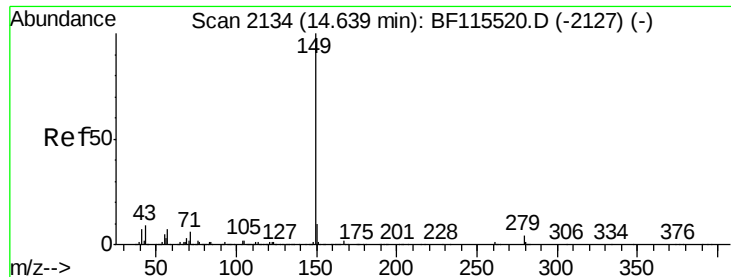
Abundance

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: 32.591 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

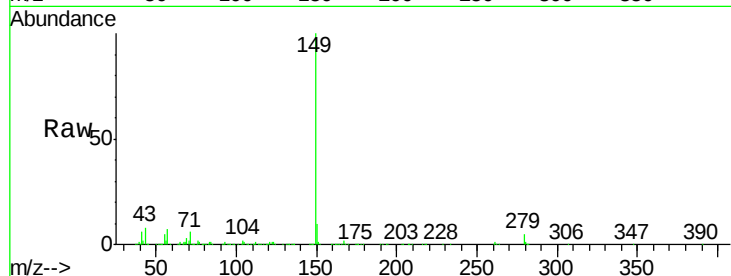
Tot Ion:149 Resp: 1409664

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

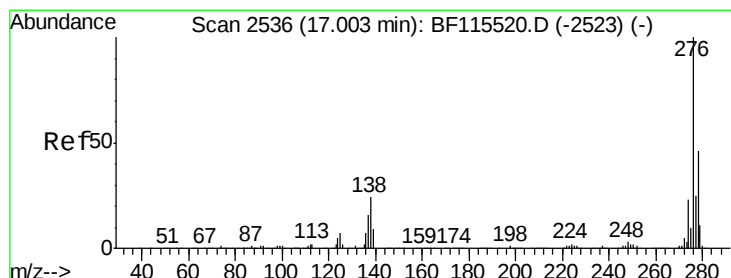
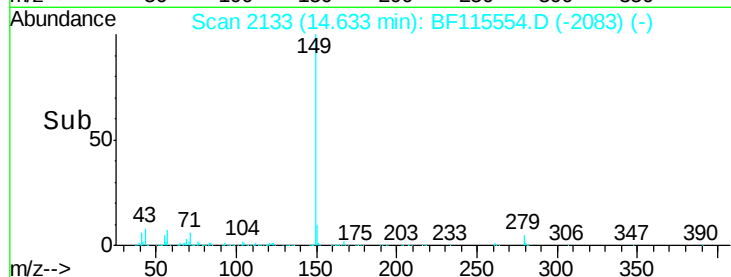
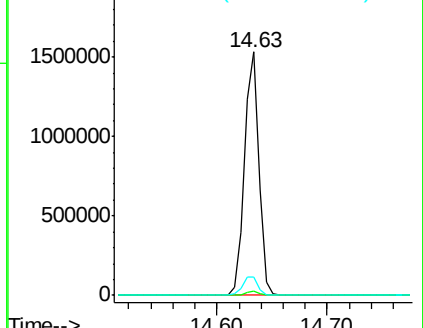
43 8.3 7.2 10.8



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: 27.944 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

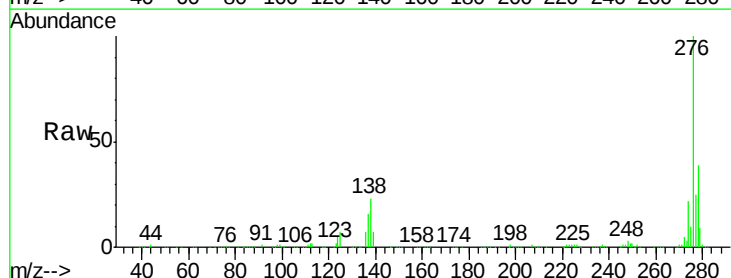
Tgt Ion:276 Resp: 954070

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.2

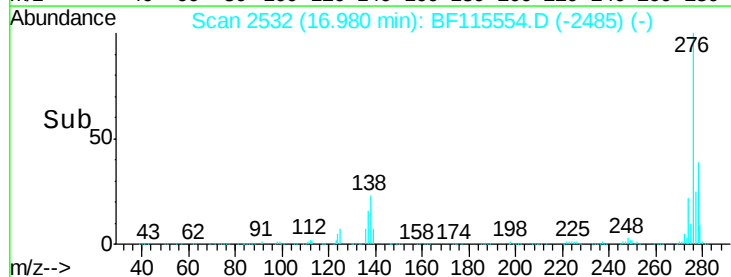
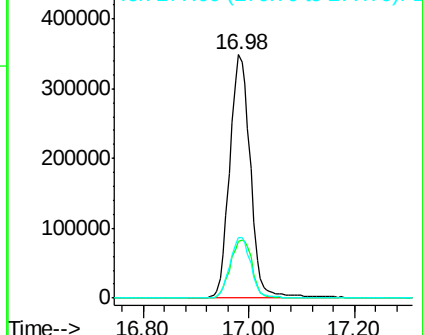
277 25.1 20.4 30.6

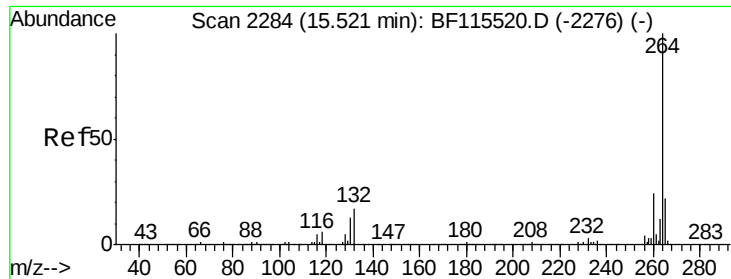


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



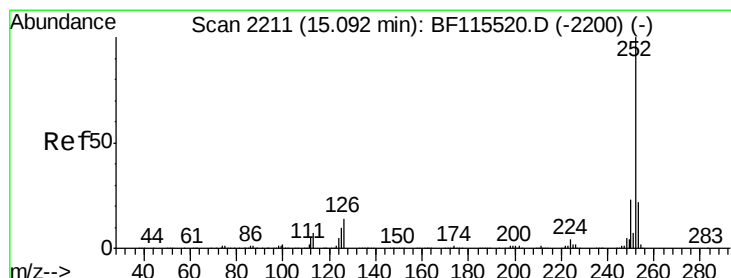
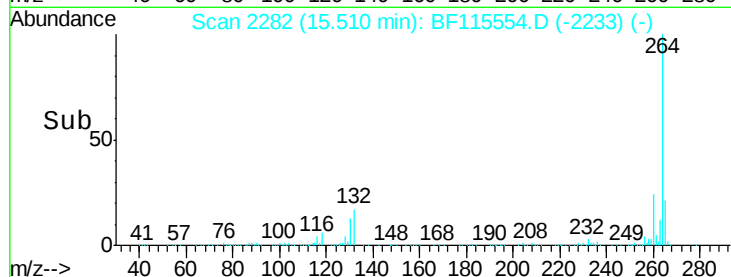
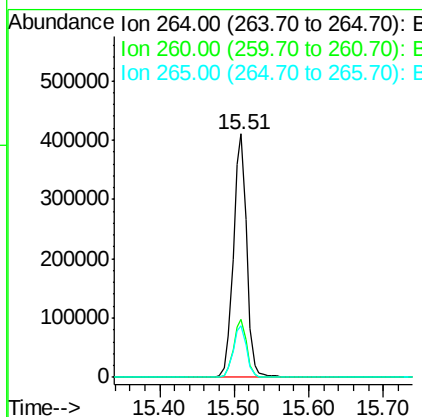
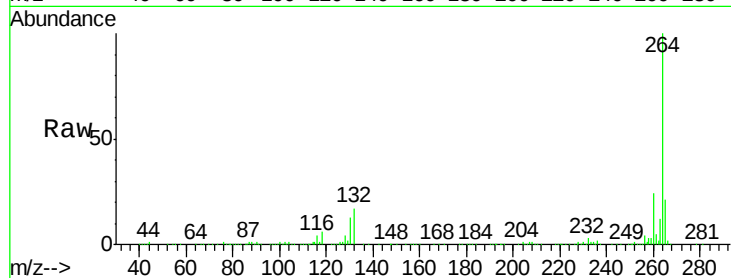


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 516490

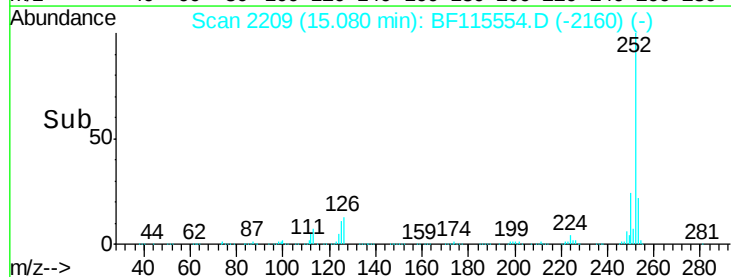
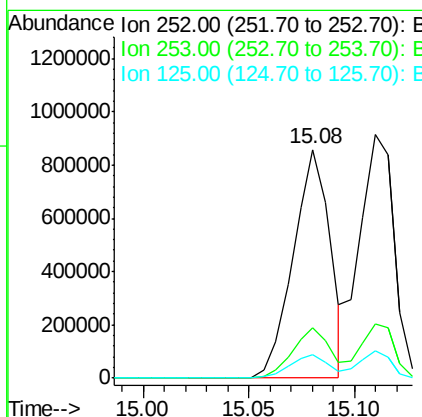
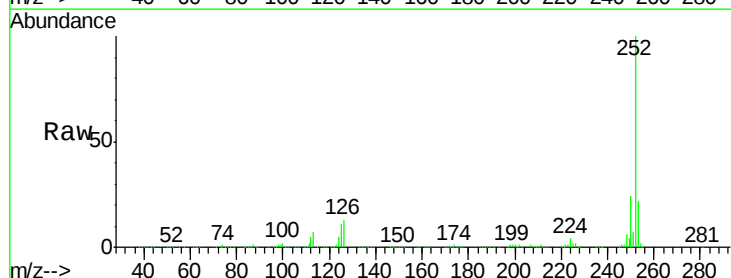
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.4	17.7	26.5

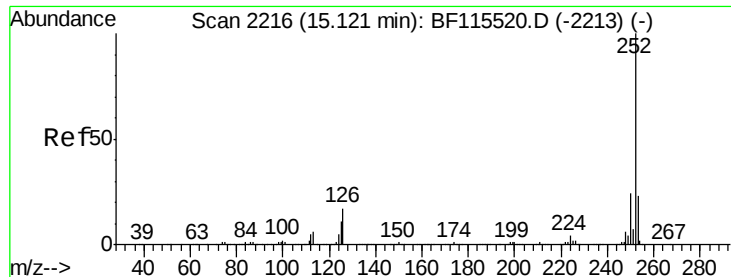


#88
Benzo(b)fluoranthene
Concen: 31.383 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:252 Resp: 1043740

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.5	9.0	13.4

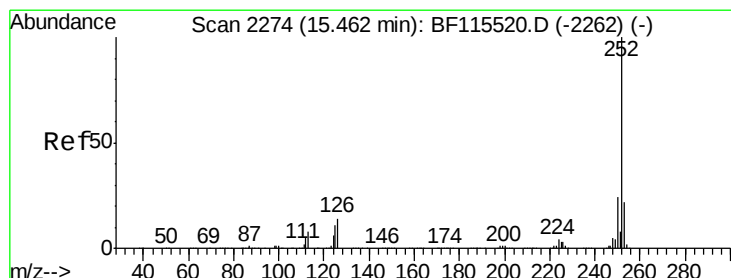
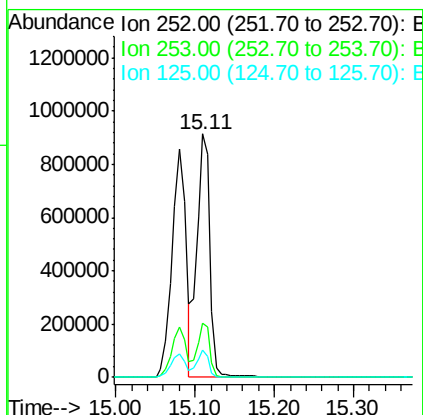
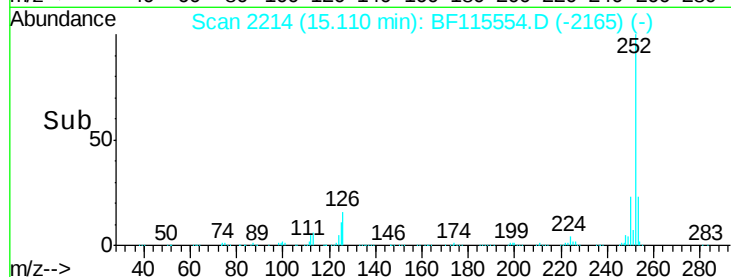
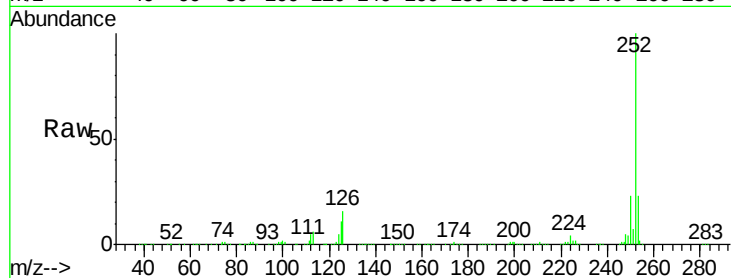




#89
Benzo(k)fluoranthene
Concen: 35.676 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

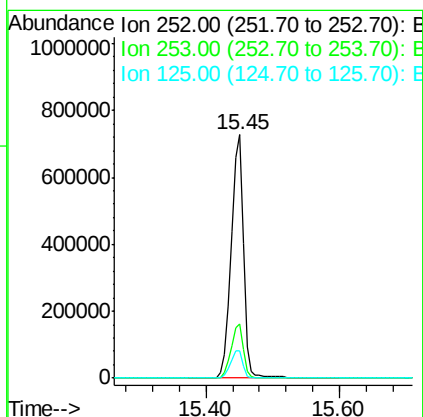
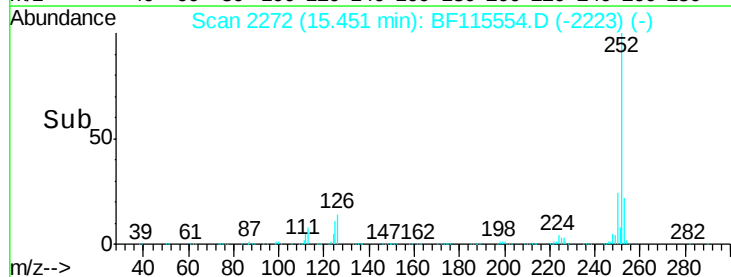
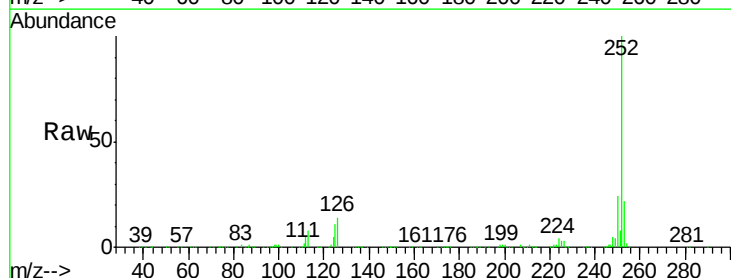
Instrument :
BNA_F
ClientSampleId :

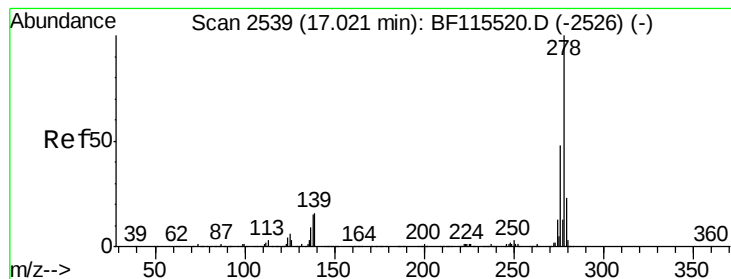
Tot Ion:252 Resp: 1057824
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 11.2 9.0 13.6



#90
Benzo(a)pyrene
Concen: 33.275 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:252 Resp: 951152
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.1 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 32.108 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

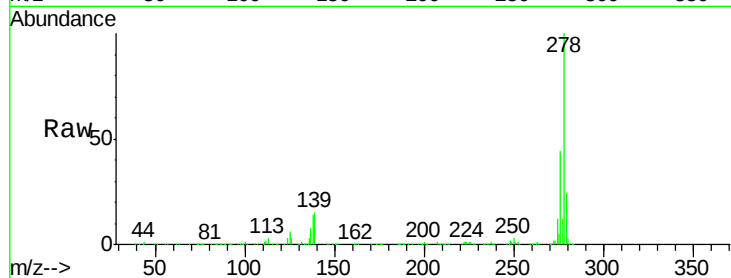
Tot Ion:278 Resp: 805748

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

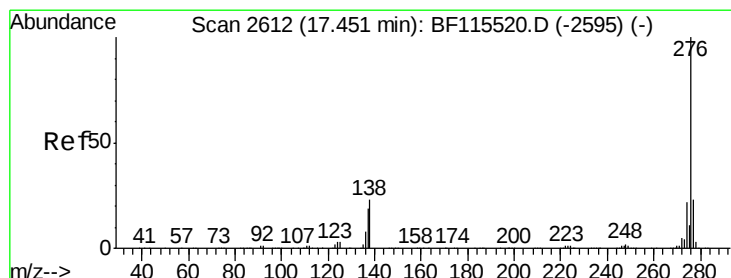
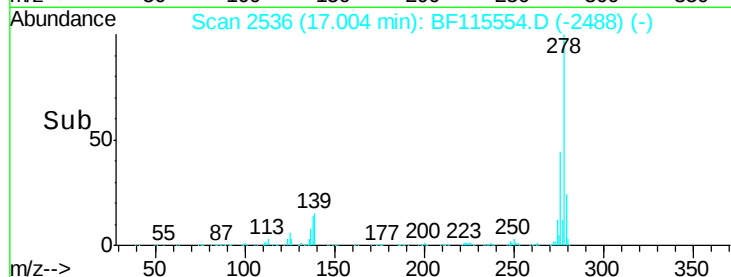
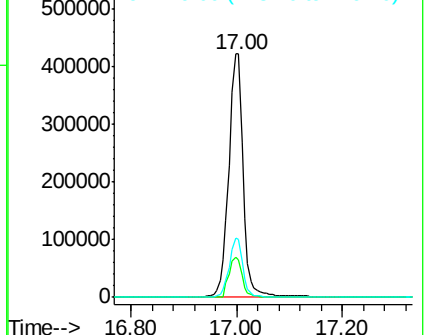
279 23.6 19.6 29.4



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: 30.980 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

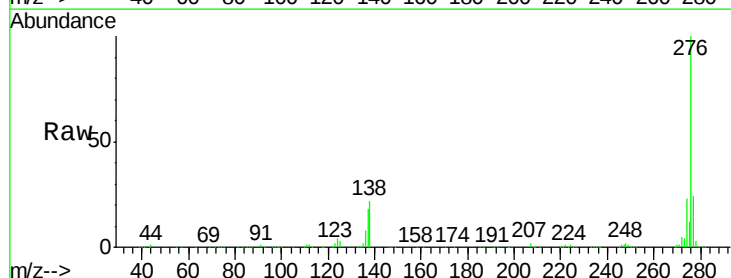
Tgt Ion:276 Resp: 775346

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.4

138 22.3 17.2 25.8



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

