

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115572.D
 Acq On : 15 Jul 2019 22:20
 Operator : HP/JU
 Sample : K3768-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:45:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	222587	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	888928	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	446295	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	861674	20.00	ng	0.00
76) Chrysene-d12	14.04	240	578433	20.00	ng	-0.01
87) Perylene-d12	15.50	264	552234	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1262543	92.78	ng	0.01
7) Phenol-d6	6.52	99	1722456	99.75	ng	0.00
23) Nitrobenzene-d5	7.45	82	1082200	70.79	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	524598	100.70	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1952173	76.56	ng	-0.01
79) Terphenyl-d14	12.99	244	2062614	65.80	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.76	88	191854	28.264	ng	99
4) n-Nitrosodimethylamine	3.45	42	223232	33.413	ng	95
6) Aniline	6.55	93	274675	11.431	ng	97
8) 2-Chlorophenol	6.67	128	491750	31.431	ng	100
9) Benzaldehyde	6.43	77	296293	27.459	ng	100
10) Phenol	6.53	94	605215	30.193	ng	83
11) bis(2-Chloroethyl)ether	6.62	93	470719	30.845	ng	100
12) 1,3-Dichlorobenzene	6.83	146	525323	29.864	ng	98
13) 1,4-Dichlorobenzene	6.90	146	537214	30.609	ng	97
14) 1,2-Dichlorobenzene	7.06	146	492099	30.672	ng	96
15) Benzyl Alcohol	7.02	79	436676	31.880	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	600100	29.868	ng	97
17) 2-Methylphenol	7.13	107	421474	31.260	ng	98
18) Hexachloroethane	7.40	117	188201	28.890	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	340054	30.197	ng	99
20) 3+4-Methylphenols	7.28	107	497561	31.068	ng	92
22) Acetophenone	7.29	105	673093	33.517	ng	# 90
24) Nitrobenzene	7.46	77	536512	32.537	ng	98
25) Isophorone	7.70	82	1000570	32.708	ng	99
26) 2-Nitrophenol	7.77	139	287621	33.889	ng	98
27) 2,4-Dimethylphenol	7.81	122	447303	35.224	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	614743	32.757	ng	99
29) 2,4-Dichlorophenol	8.02	162	449175	34.011	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	484735	32.470	ng	99
31) Naphthalene	8.19	128	1450433	33.691	ng	97
32) Benzoic acid	7.89	122	66826	6.412	ng	97
33) 4-Chloroaniline	8.23	127	289060	15.158	ng	97
34) Hexachlorobutadiene	8.31	225	270782	31.630	ng	100
35) Caprolactam	8.60	113	61913	15.171	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	466604	34.060	ng	99
37) 2-Methylnaphthalene	8.87	142	988483	34.638	ng	98
38) 1-Methylnaphthalene	8.97	142	920014	33.942	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	437800	32.576	ng	97
41) Hexachlorocyclopentadiene	9.04	237	502707	65.573	ng	99

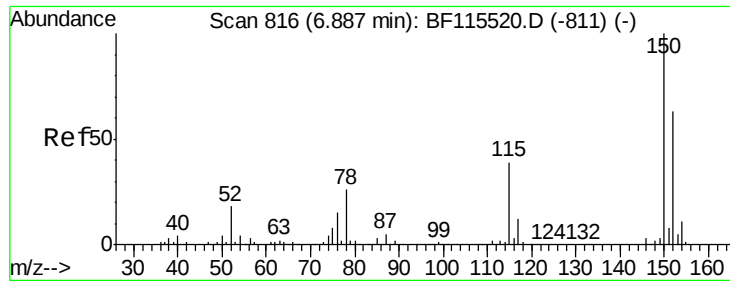
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115572.D
 Acq On : 15 Jul 2019 22:20
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 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:45:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	325184	33.087	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	343392	34.117	nq	99
46) 1,1'-Biphenyl	9.34	154	1204297	34.516	nq	98
47) 2-Chloronaphthalene	9.37	162	964377	33.195	nq	96
48) 2-Nitroaniline	9.46	65	289843	32.233	nq	97
49) Acenaphthylene	9.78	152	1449298	33.667	nq	98
50) Dimethylphthalate	9.65	163	1528948	45.534	nq	99
51) 2,6-Dinitrotoluene	9.70	165	264086	34.608	nq	98
52) Acenaphthene	9.96	154	963755	34.677	nq	99
53) 3-Nitroaniline	9.86	138	197137	22.607	nq	95
54) 2,4-Dinitrophenol	9.97	184	182593	46.606	nq	90
55) Dibenzofuran	10.13	168	1296664	32.853	nq	99
56) 4-Nitrophenol	10.03	139	445933	67.062	nq	99
57) 2,4-Dinitrotoluene	10.10	165	344006	34.797	nq	91
58) Fluorene	10.47	166	955754	33.873	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	291870	34.689	nq	99
60) Diethylphthalate	10.34	149	1059841	33.687	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	492260	31.460	nq	95
62) 4-Nitroaniline	10.48	138	267801	32.016	nq	97
63) Azobenzene	10.62	77	1032364	33.830	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	175278	33.294	nq	96
66) n-Nitrosodiphenylamine	10.57	169	880833	32.862	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	318066	32.301	nq	94
68) Hexachlorobenzene	11.02	284	361397	32.138	nq	98
69) Atrazine	11.10	200	292674	33.285	nq	100
70) Pentachlorophenol	11.21	266	424334	61.696	nq	100
71) Phenanthrene	11.43	178	1465377	33.177	nq	98
72) Anthracene	11.48	178	1518156	33.259	nq	99
73) Carbazole	11.63	167	1339307	33.459	nq	99
74) Di-n-butylphthalate	11.96	149	1591864	32.285	nq	99
75) Fluoranthene	12.62	202	1548588	33.178	nq	99
78) Pyrene	12.85	202	1529214	31.204	nq	98
80) Butylbenzylphthalate	13.46	149	663834	31.775	nq	97
81) Benzo(a)anthracene	14.03	228	1205097	31.624	nq	96
82) 3,3'-Dichlorobenzidine	13.99	252	311371	22.985	nq	98
83) Chrysene	14.07	228	1252444	32.740	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	831493	32.132	nq	100
85) Di-n-octyl phthalate	14.63	149	1403956	34.098	nq	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1035744	31.869	nq	99
88) Benzo(b)fluoranthene	15.08	252	1146074	32.230	nq	98
89) Benzo(k)fluoranthene	15.11	252	1103842	34.818	nq	99
90) Benzo(a)pyrene	15.44	252	1039200	34.002	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	879293	32.771	nq	99
92) Benzo(g,h,i)perylene	17.42	276	807075	30.160	nq	98

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

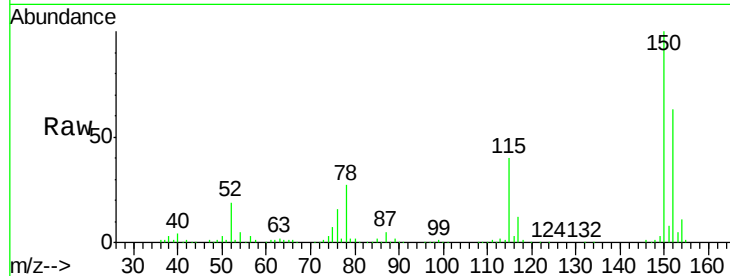


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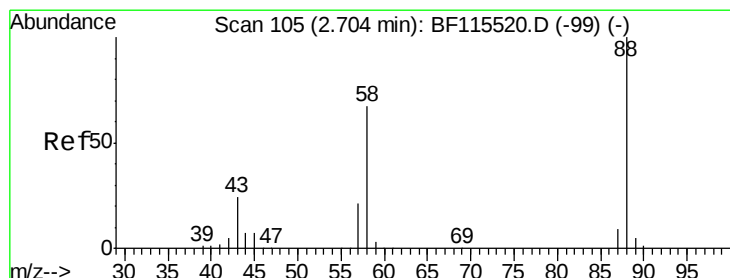
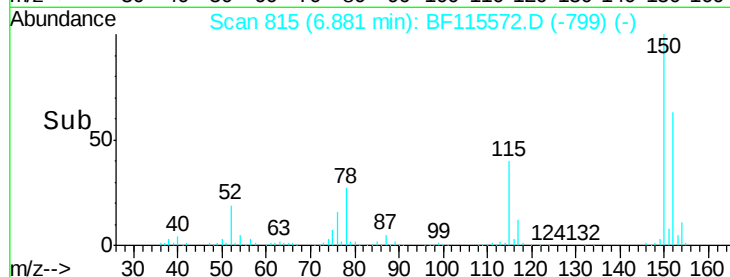
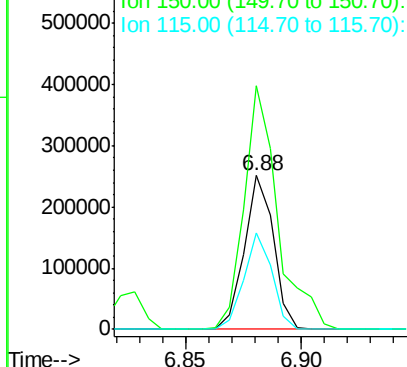
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 222587
Ion Ratio Lower Upper
152 100
150 158.6 129.7 194.5
115 62.9 48.2 72.4



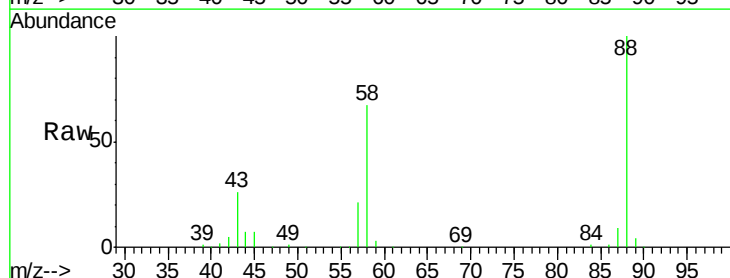
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



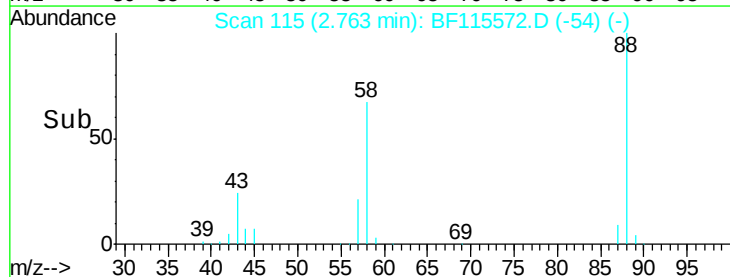
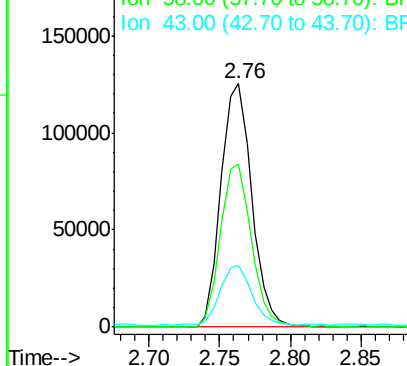
#2

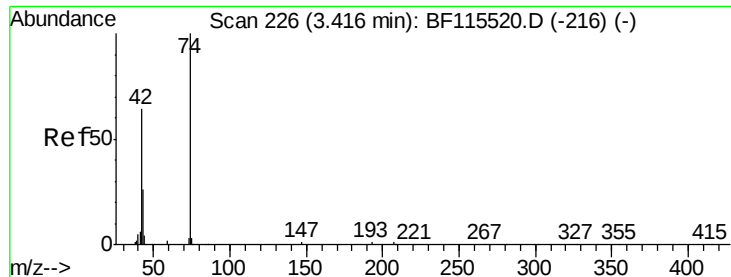
1,4-Dioxane
Concen: 28.264 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.06 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion: 88 Resp: 191854
Ion Ratio Lower Upper
88 100
58 66.2 52.6 79.0
43 24.7 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



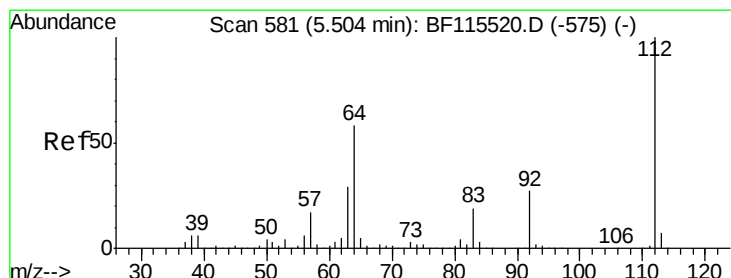
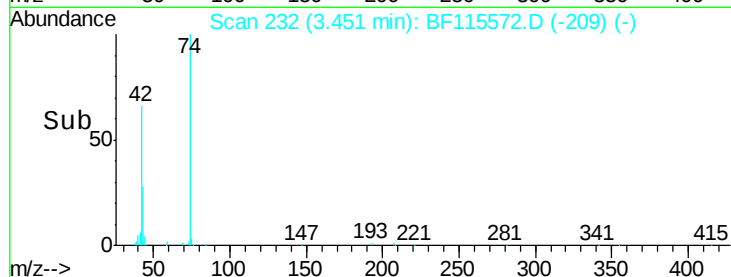
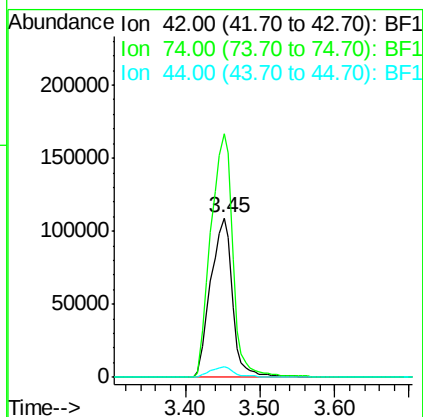
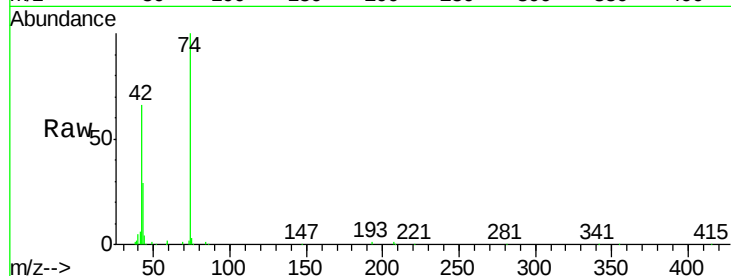


#4

n-Nitrosodimethylamine
Concen: 33.413 ng
RT: 3.45 min Scan# 232
Delta R.T. 0.04 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :

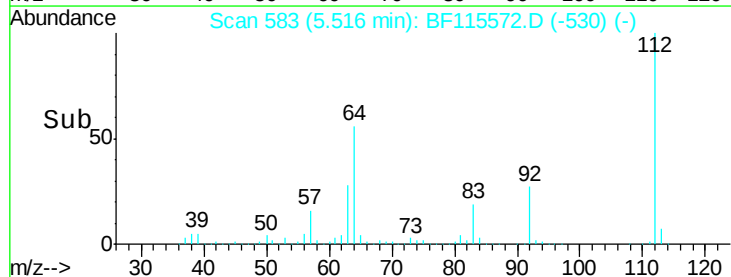
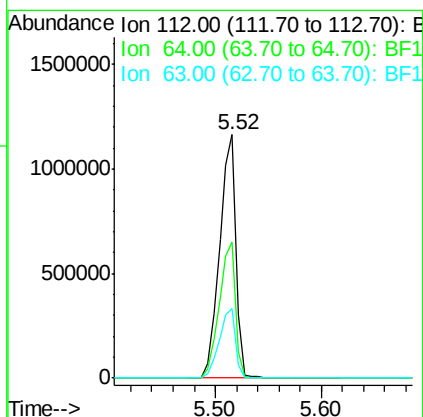
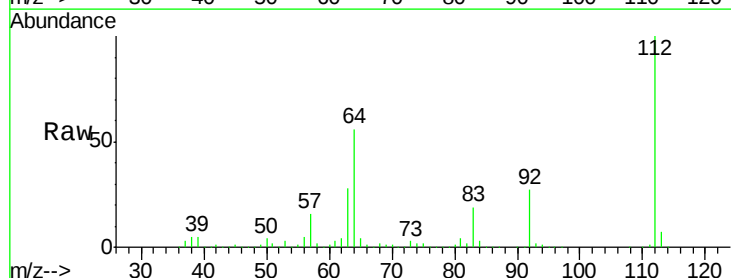
Tot Ion: 42 Resp: 223232
Ion Ratio Lower Upper
42 100
74 152.4 127.5 191.3
44 6.7 5.0 7.6

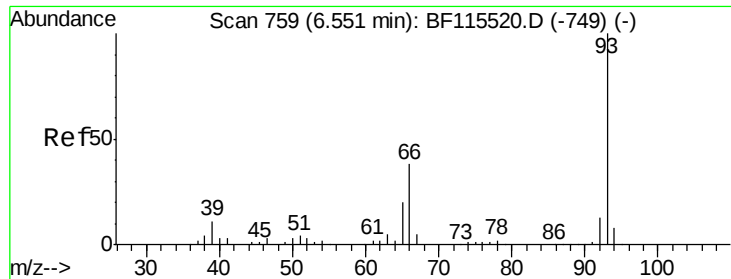


#5

2-Fluorophenol
Concen: 92.780 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion: 112 Resp: 1262543
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 28.3 24.1 36.1





#6

Aniline

Concen: 11.431 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

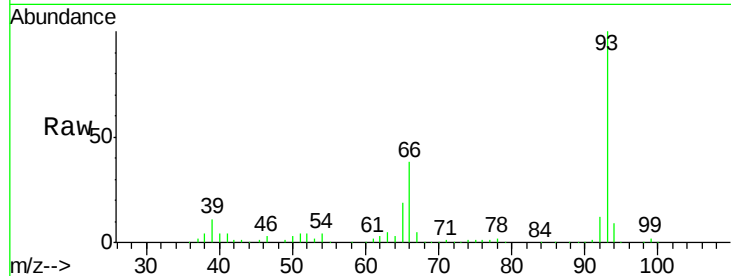
Tot Ion: 93 Resp: 274675

Ion Ratio Lower Upper

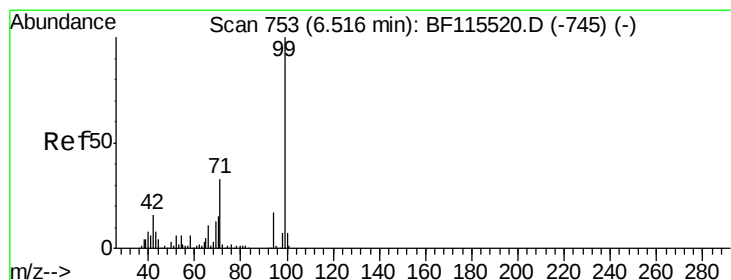
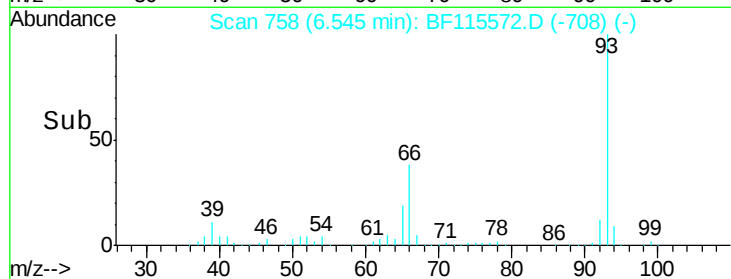
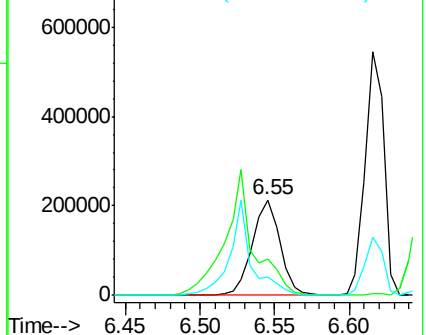
93 100

66 38.0 31.7 47.5

65 18.8 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: 99.755 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

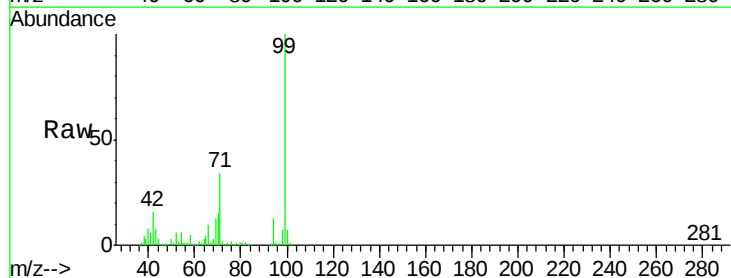
Tgt Ion: 99 Resp: 1722456

Ion Ratio Lower Upper

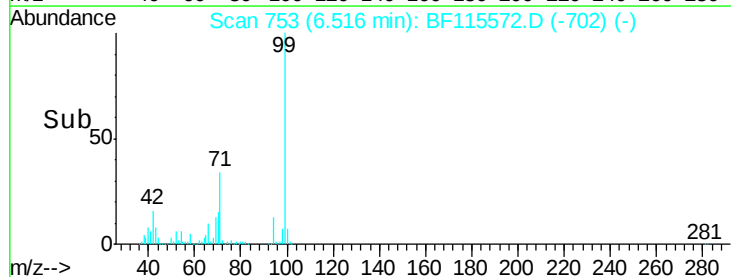
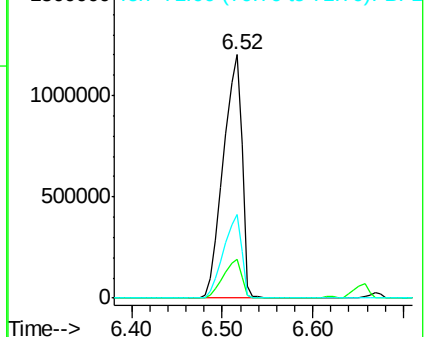
99 100

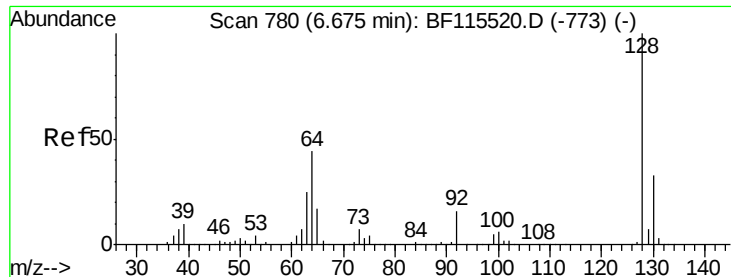
42 15.8 13.6 20.4

71 34.3 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: 31.431 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

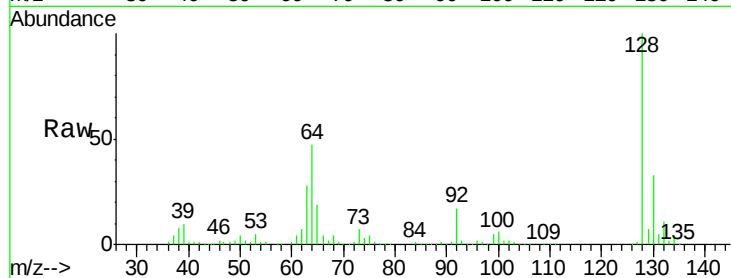
Tot Ion:128 Resp: 491750

Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

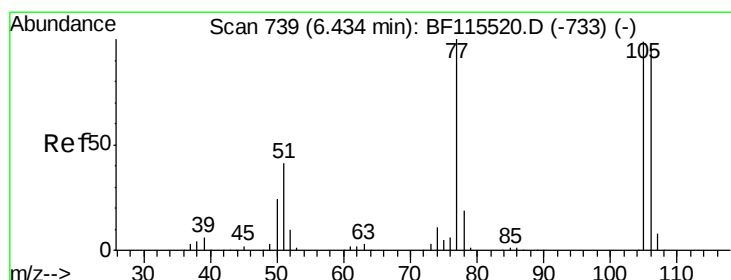
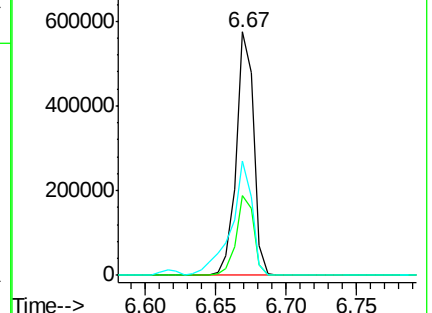
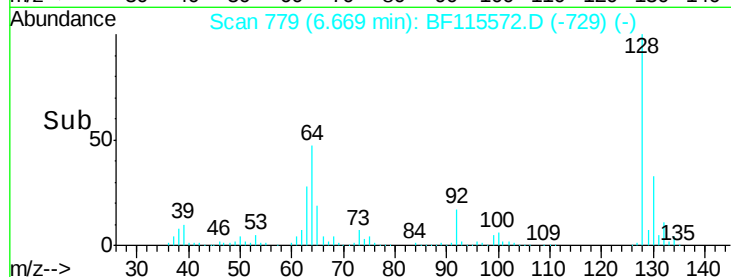
64 47.0 26.8 66.8



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: 27.459 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

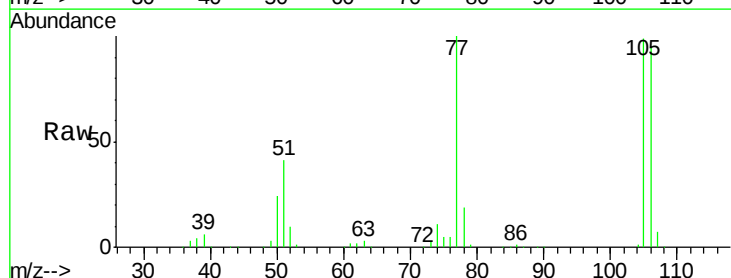
Tgt Ion: 77 Resp: 296293

Ion Ratio Lower Upper

77 100

105 98.8 78.8 118.8

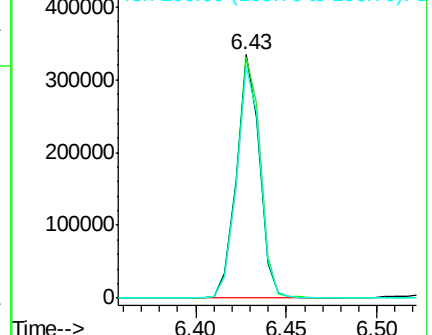
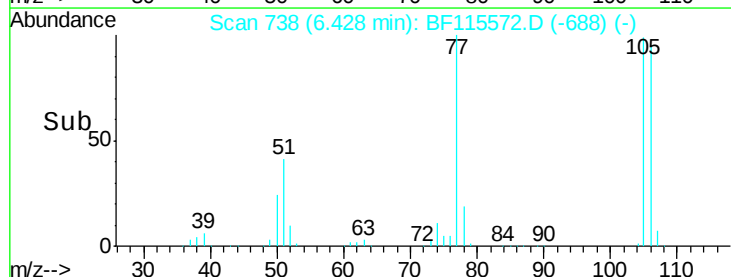
106 95.1 75.6 115.6

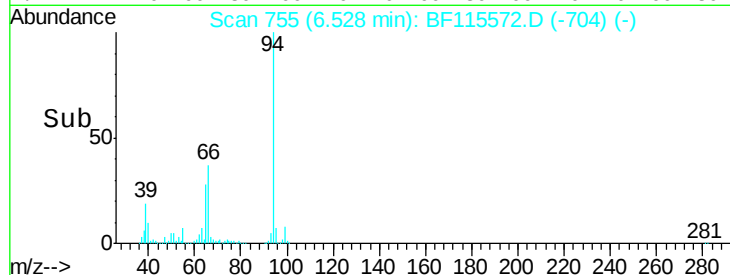
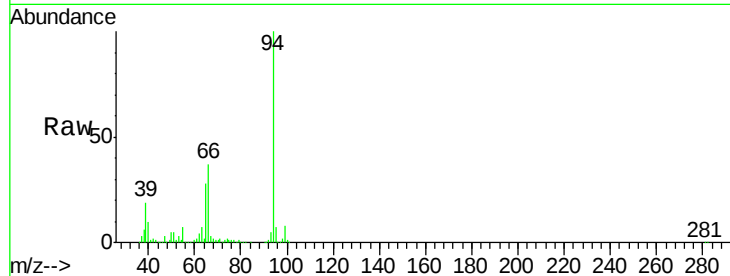
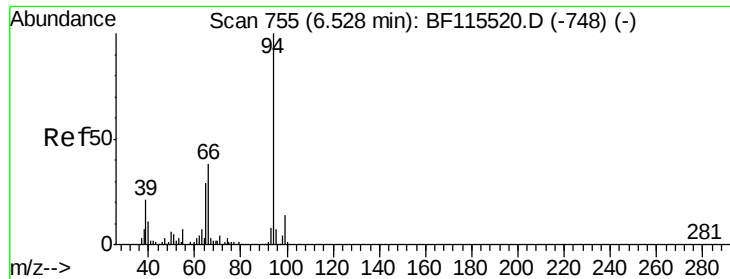


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 30.193 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

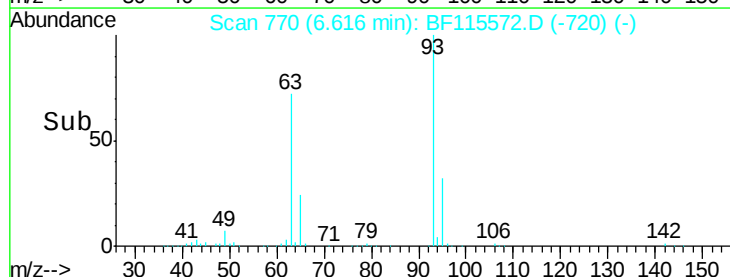
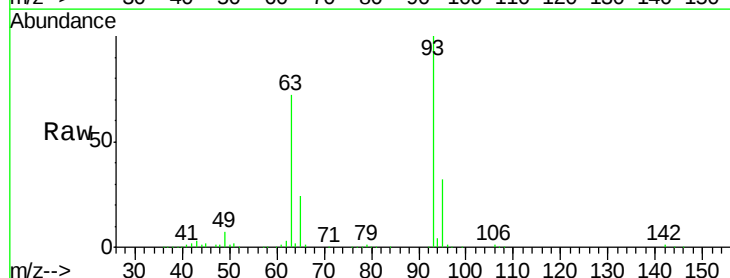
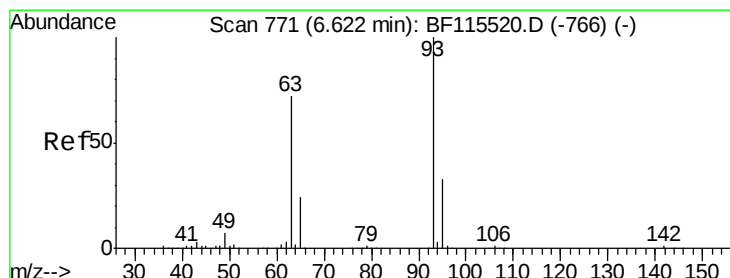
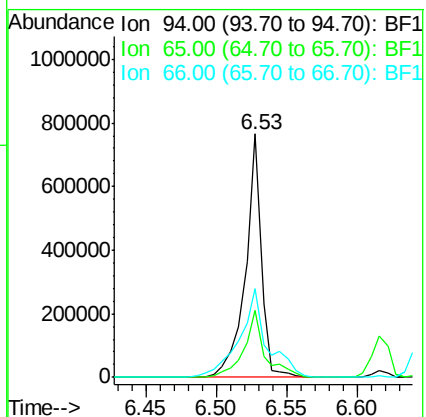
Tot Ion: 94 Resp: 605215

Ion Ratio Lower Upper

94 100

65 27.6 14.5 54.5

66 36.7 31.3 71.3



#11

bis(2-Chloroethyl)ether

Concen: 30.845 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

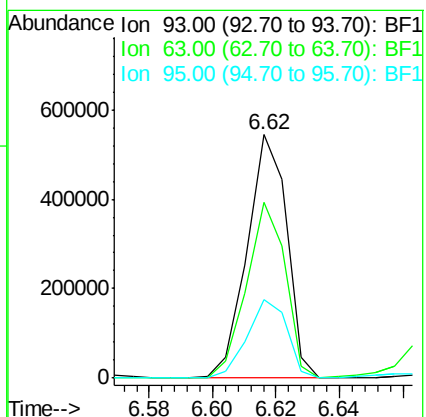
Tgt Ion: 93 Resp: 470719

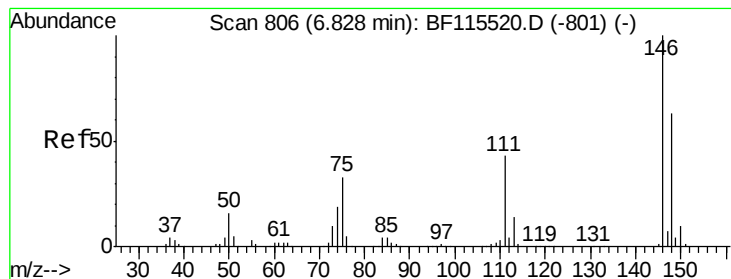
Ion Ratio Lower Upper

93 100

63 72.1 52.2 92.2

95 32.4 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 29.864 ng

RT: 6.83 min Scan# 806

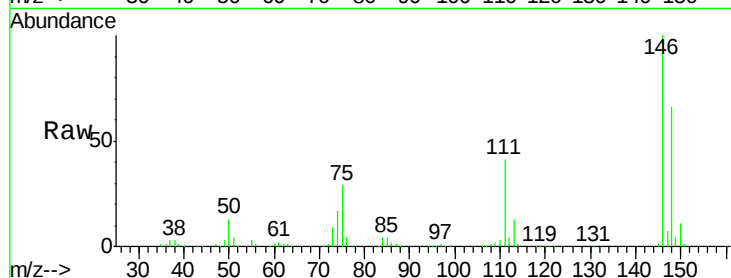
Delta R.T. 0.00 min

Lab File: BF115572.D

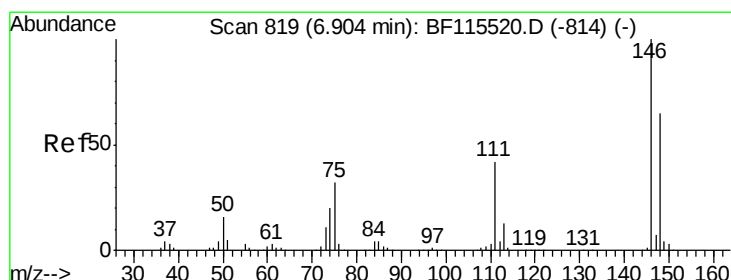
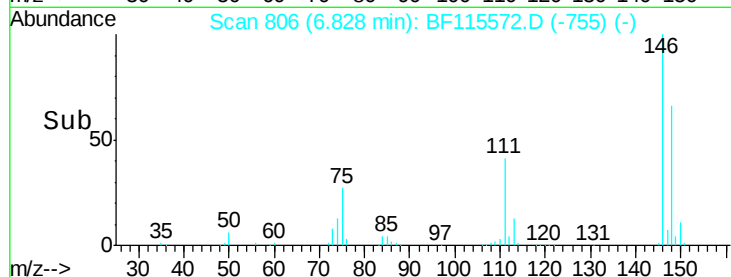
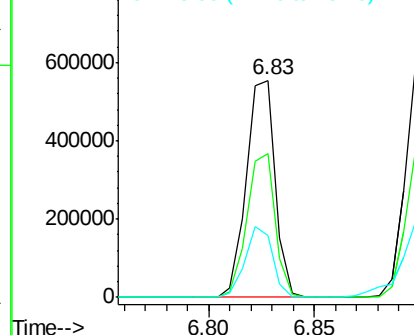
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146	Resp:	525323
Ion Ratio	Lower	Upper
146	100	
148	66.3	52.1 78.1
75	28.8	24.9 37.3



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



#13

1,4-Dichlorobenzene

Concen: 30.609 ng

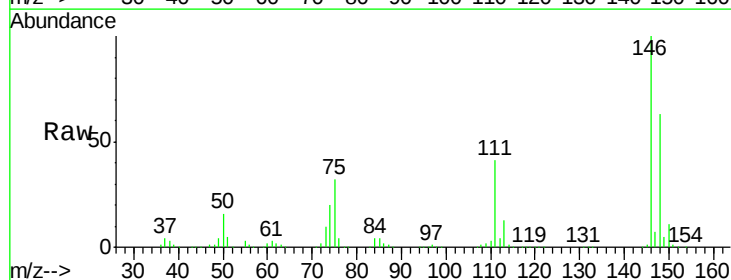
RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

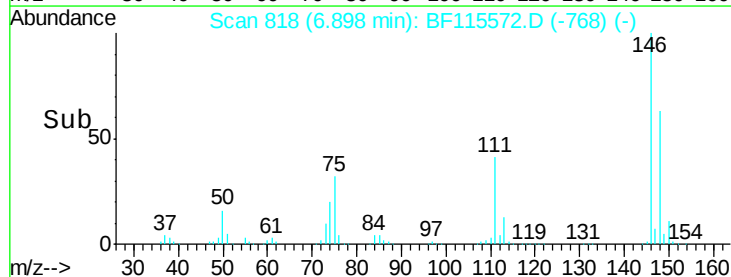
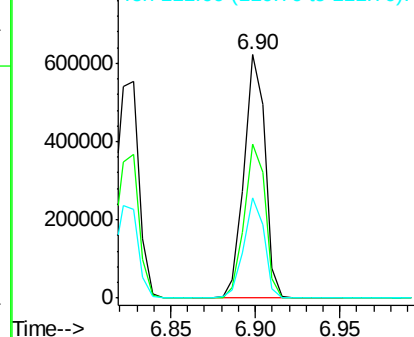
Lab File: BF115572.D

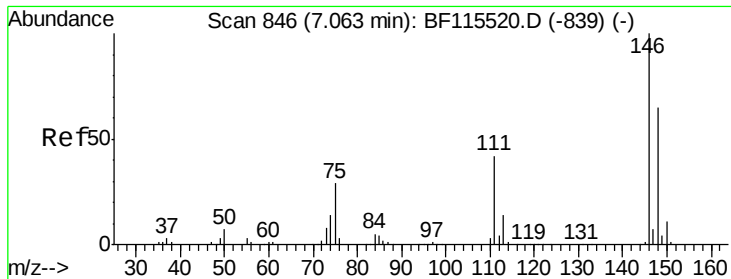
Acq: 15 Jul 2019 22:20

Tgt Ion:146	Resp:	537214
Ion Ratio	Lower	Upper
146	100	
148	63.3	51.8 77.6
111	41.0	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: 30.672 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

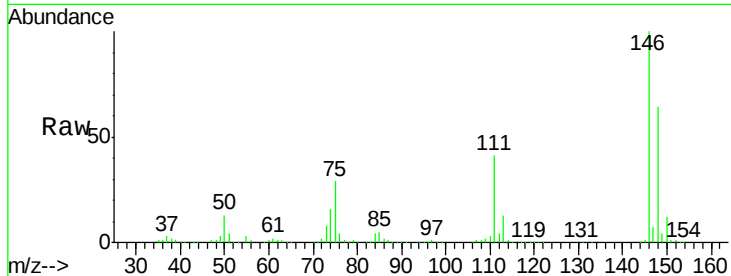
Tot Ion:146 Resp: 492099

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

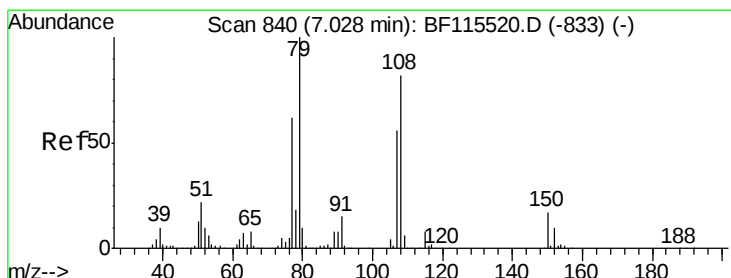
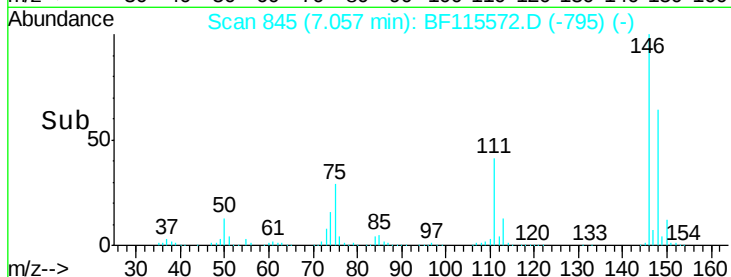
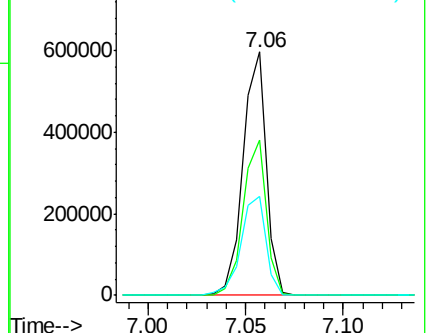
111 40.7 37.6 56.4



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: 31.880 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

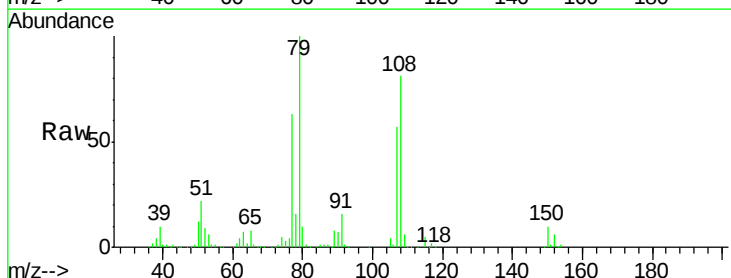
Tgt Ion: 79 Resp: 436676

Ion Ratio Lower Upper

79 100

108 80.7 64.2 96.4

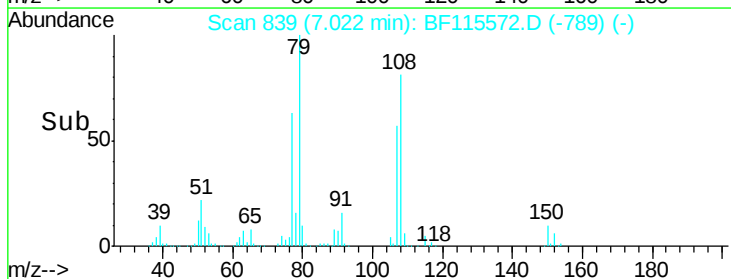
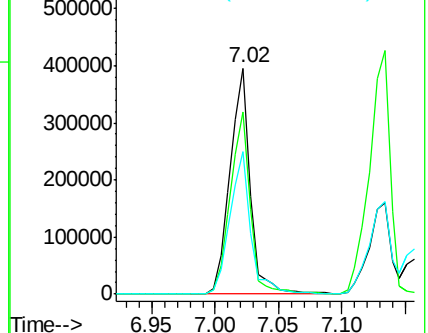
77 63.3 51.8 77.8

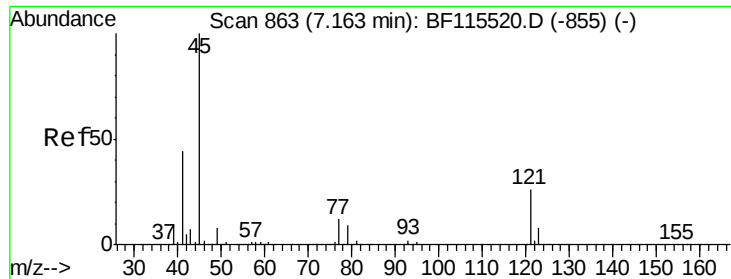


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

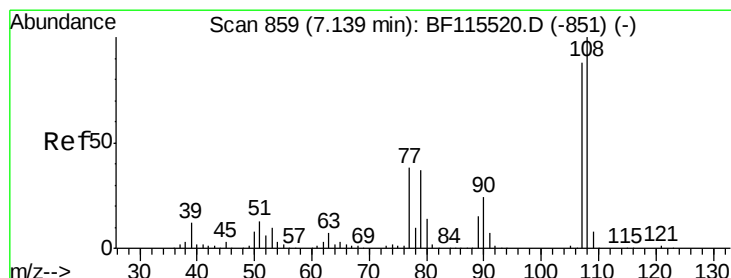
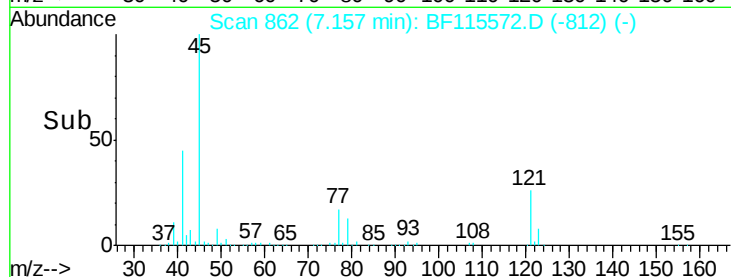
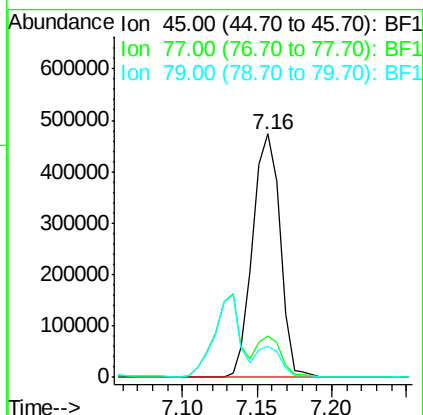
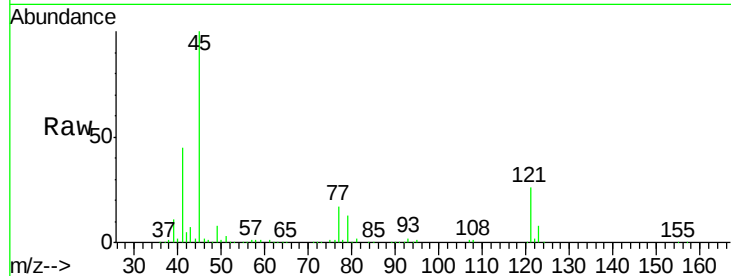




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 29.868 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

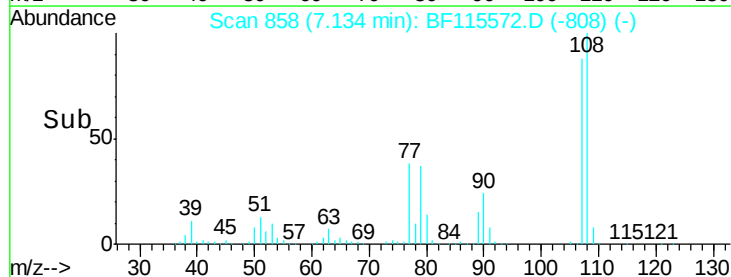
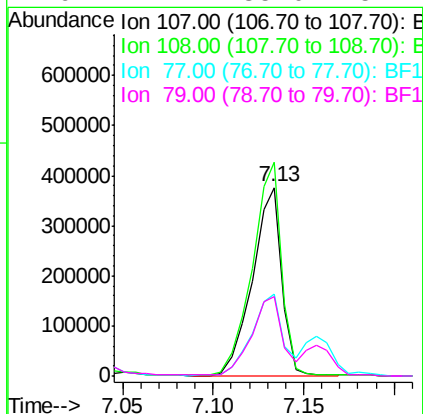
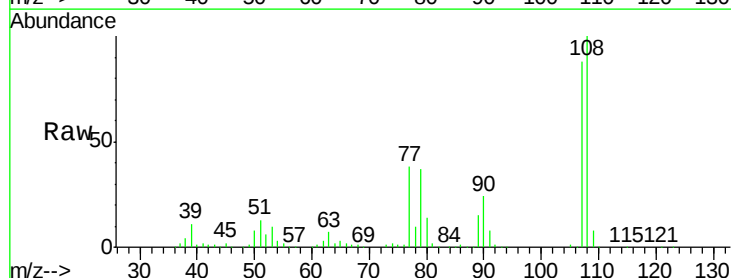
Instrument :
BNA_F
ClientSampleId :

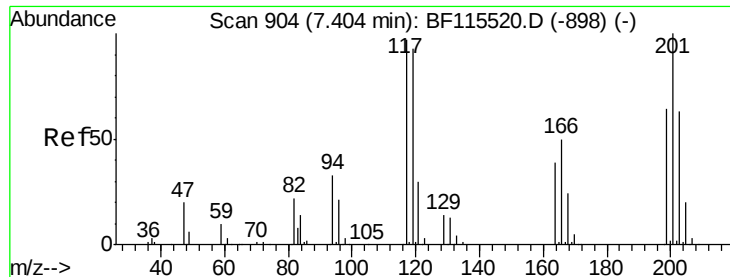
Tot Ion	45	Resp	600100
Ion Ratio	100	Lower	Upper
77	16.8	0.0	38.1
79	12.9	0.0	34.1



#17
2-Methylphenol
Concen: 31.260 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion	107	Resp	421474
Ion Ratio	100	Lower	Upper
108	113.4	89.4	134.2
77	43.3	35.7	53.5
79	42.4	35.0	52.4

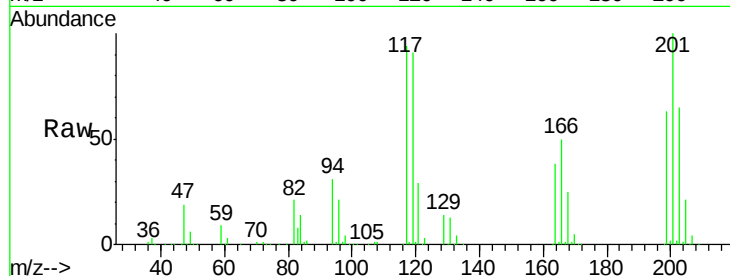




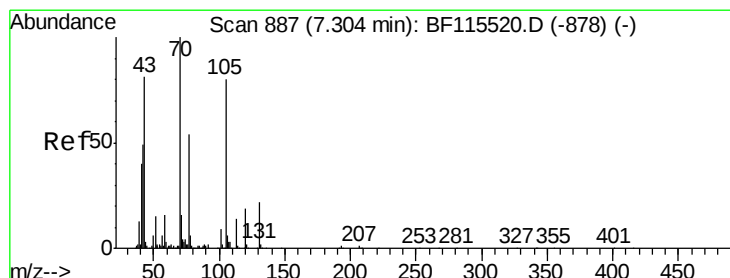
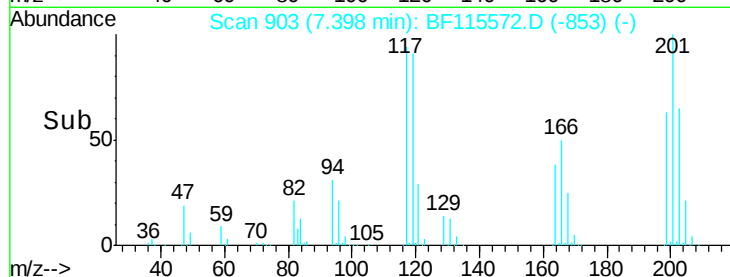
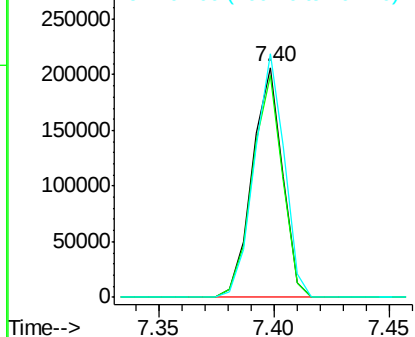
#18
Hexachloroethane
Concen: 28.890 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 188201
Ion Ratio Lower Upper
117 100
119 96.3 77.7 116.5
201 105.9 86.0 129.0

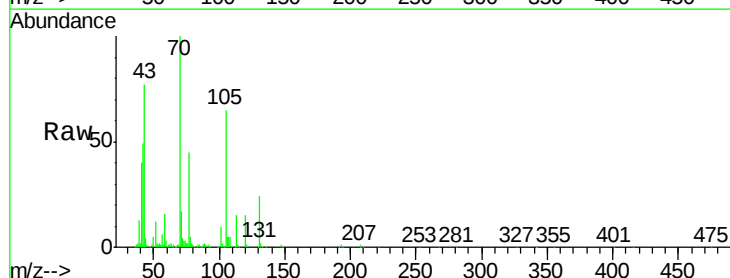


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

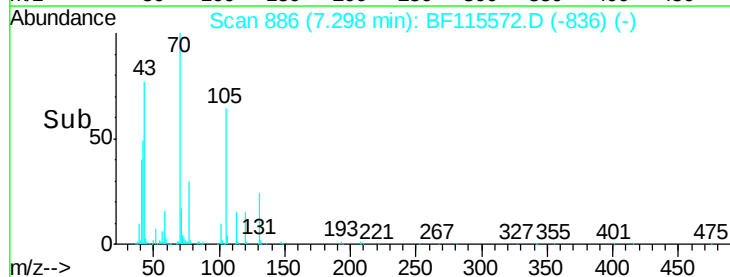
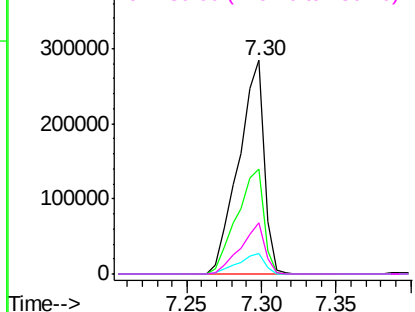


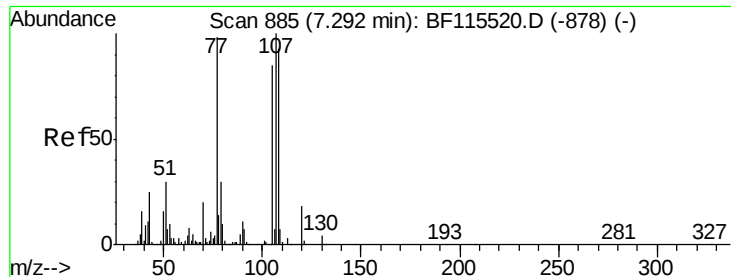
#19
n-Nitroso-di-n-propylamine
Concen: 30.197 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion: 70 Resp: 340054
Ion Ratio Lower Upper
70 100
42 48.9 39.6 59.4
101 9.8 8.1 12.1
130 24.2 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): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 31.068 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 497561

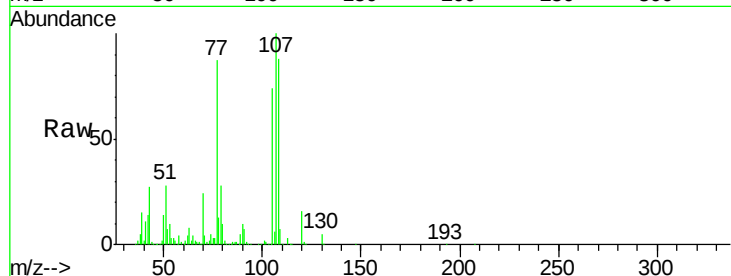
Ion Ratio Lower Upper

107 100

108 87.6 72.9 112.9

77 87.3 77.6 117.6

79 27.7 10.5 50.5

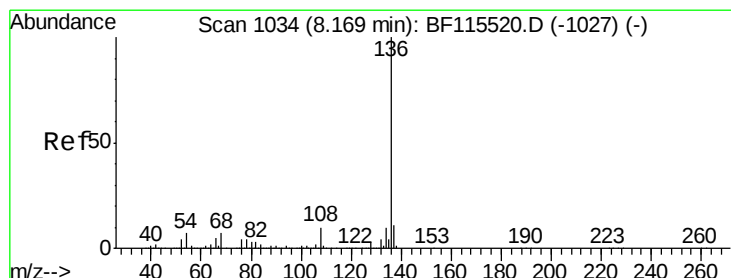
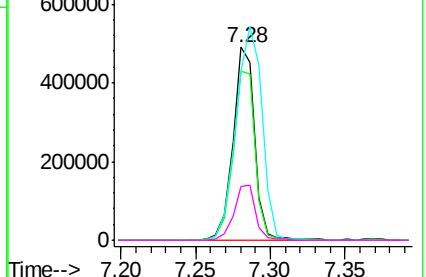
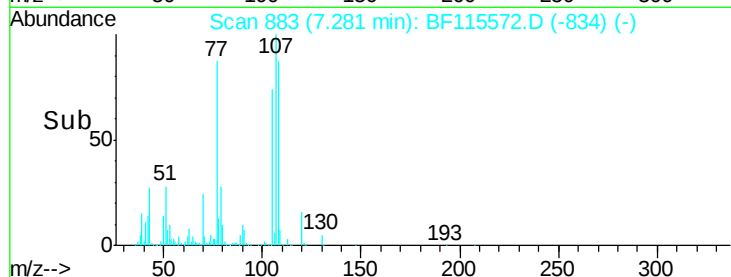


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Tgt Ion:136 Resp: 888928

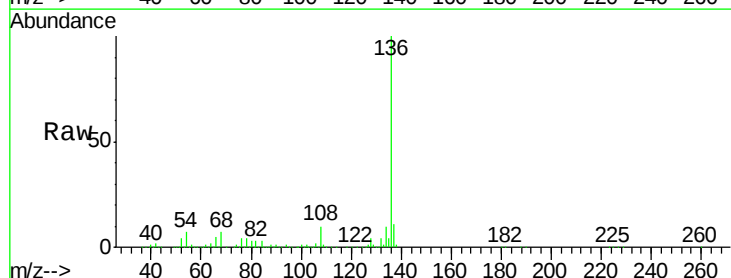
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.6 8.4

68 6.5 5.0 7.6

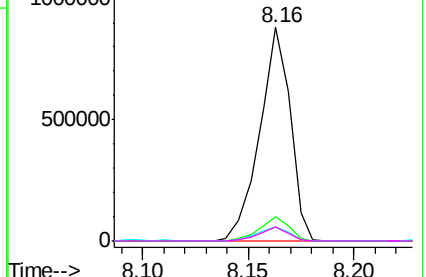
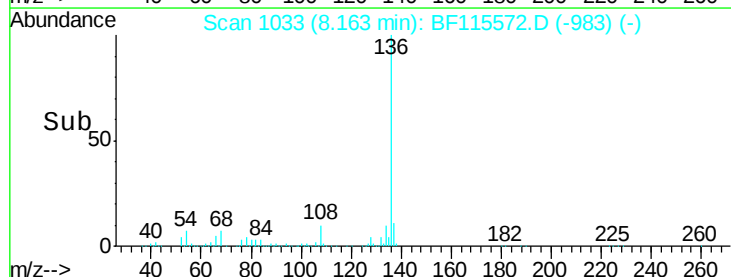


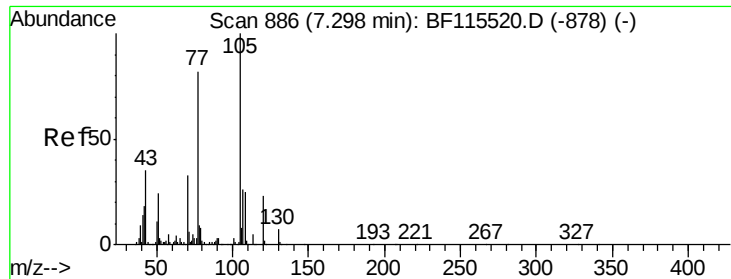
Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.517 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 673093

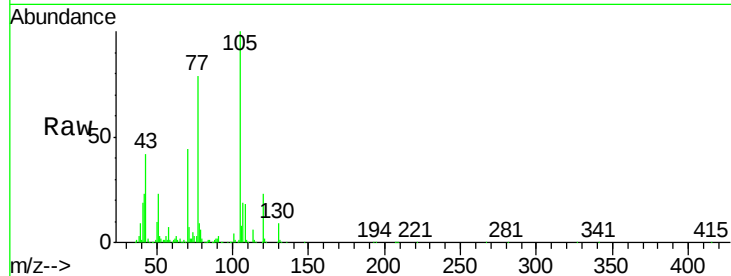
Ion Ratio Lower Upper

105 100

71 7.4 3.5 5.3#

51 23.0 25.6 38.4#

120 22.5 17.9 26.9

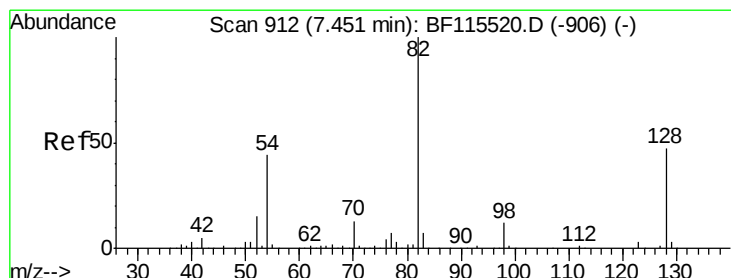
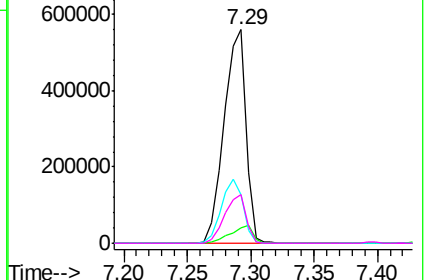
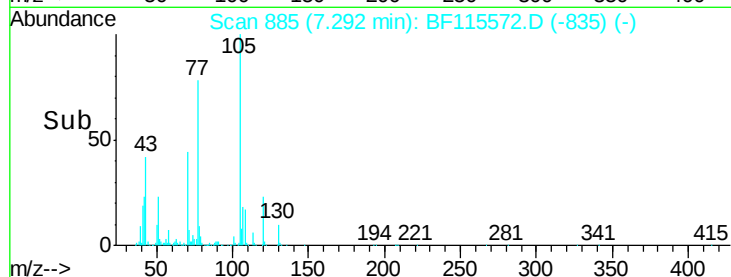


Abundance Ion 105.00 (104.70 to 105.70): E

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: 70.789 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

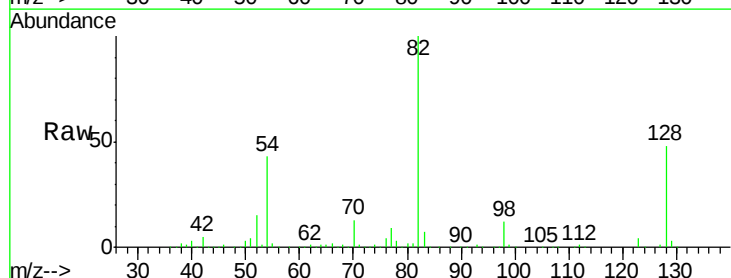
Tgt Ion: 82 Resp: 1082200

Ion Ratio Lower Upper

82 100

128 47.9 38.6 57.8

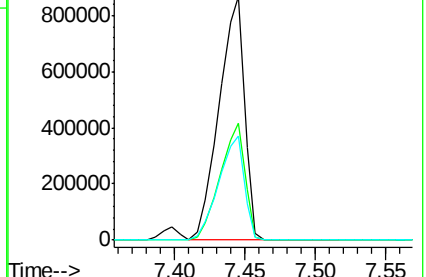
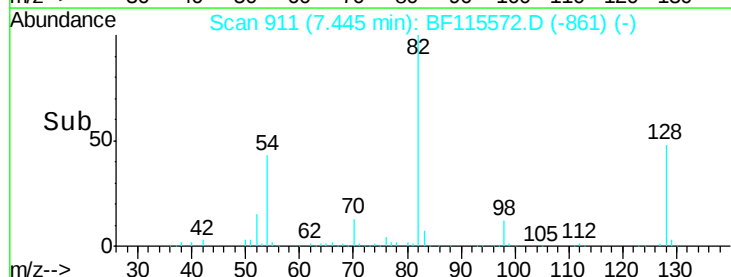
54 42.6 35.6 53.4

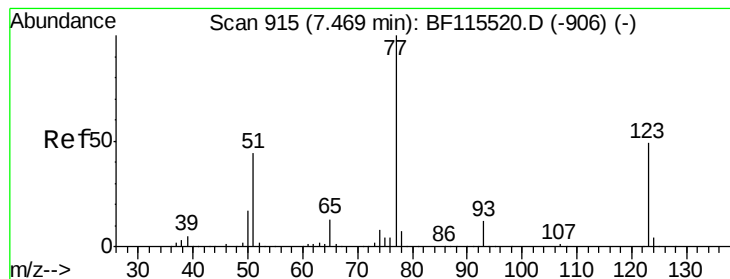


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 32.537 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

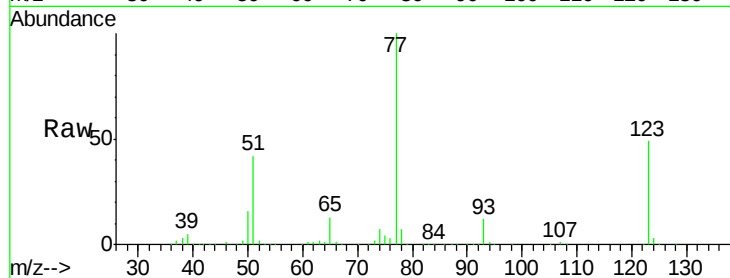
Tot Ion: 77 Resp: 536512

Ion Ratio Lower Upper

77 100

123 48.6 40.0 60.0

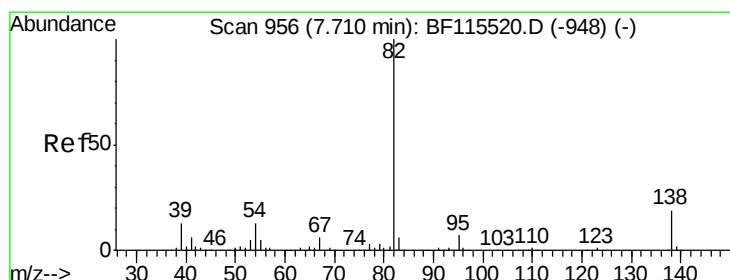
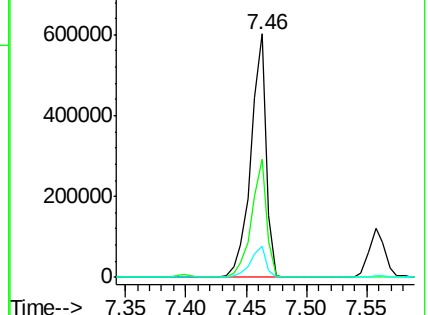
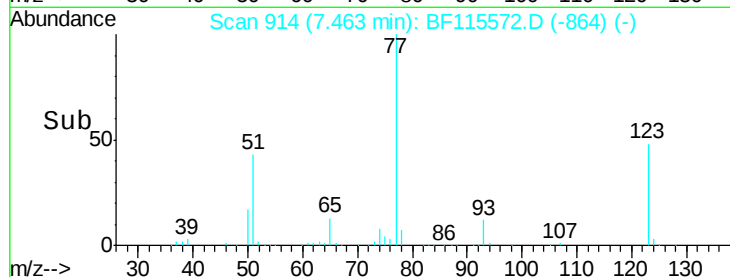
65 12.8 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 32.708 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

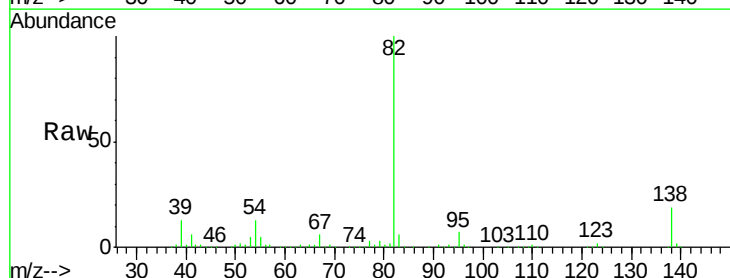
Tgt Ion: 82 Resp: 1000570

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

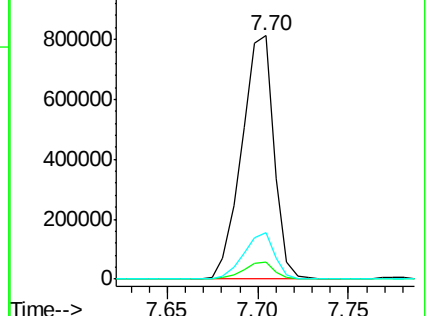
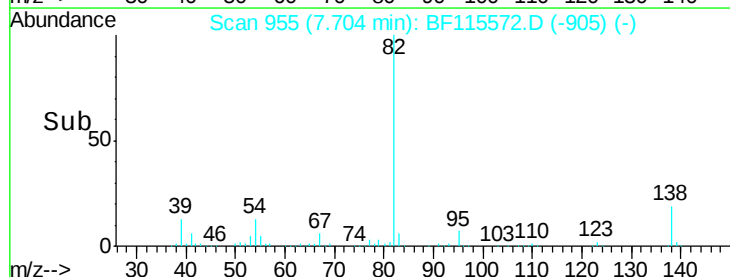
138 19.2 14.9 22.3

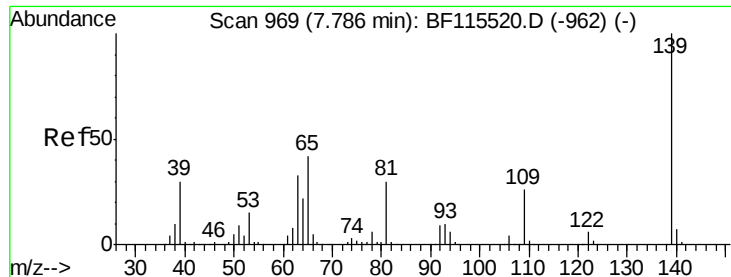


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

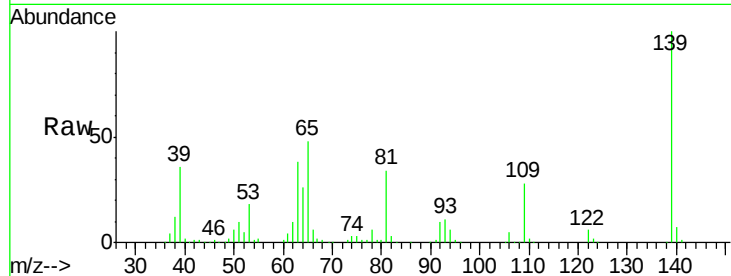




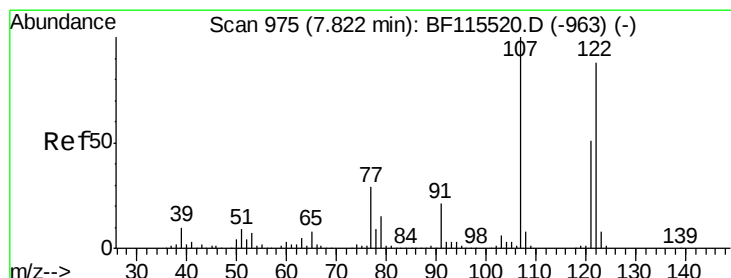
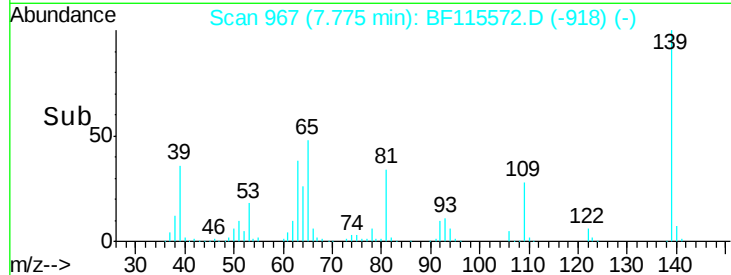
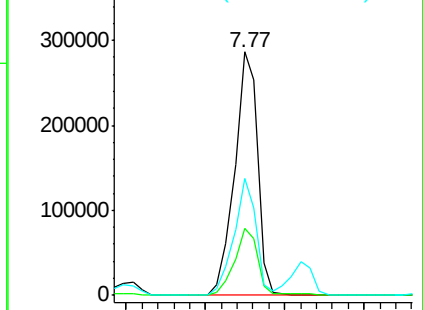
#26
2-Nitrophenol
Concen: 33.889 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.5	23.3	34.9
65	48.0	37.9	56.9

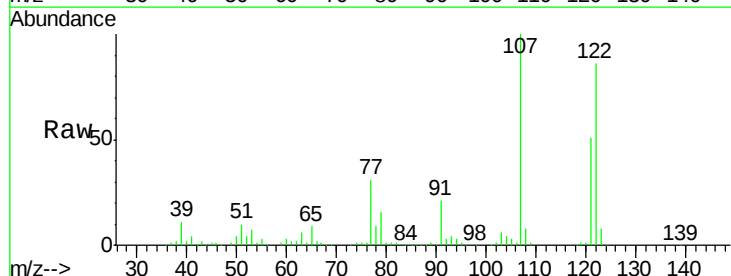


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

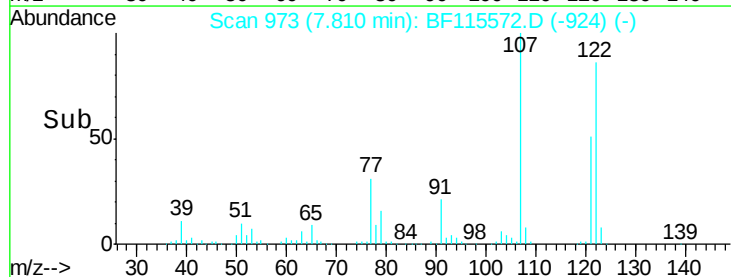
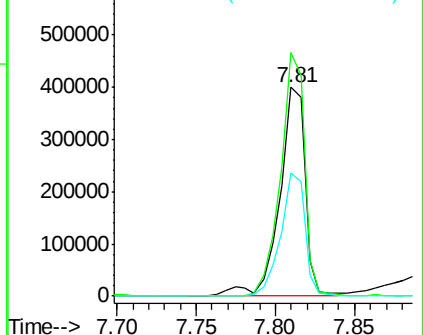


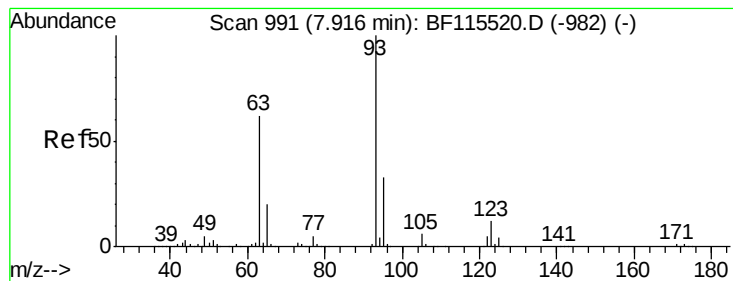
#27
2,4-Dimethylphenol
Concen: 35.224 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.8	92.9	139.3
121	59.4	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: 32.757 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

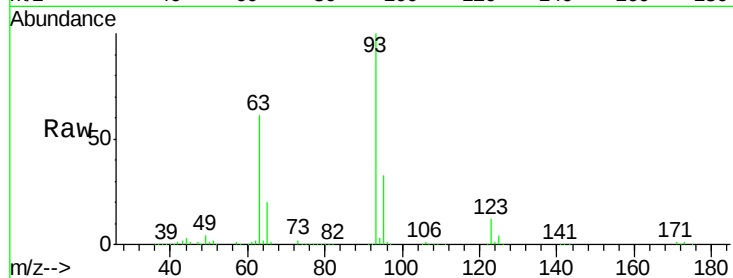
Tot Ion: 93 Resp: 614743

Ion Ratio Lower Upper

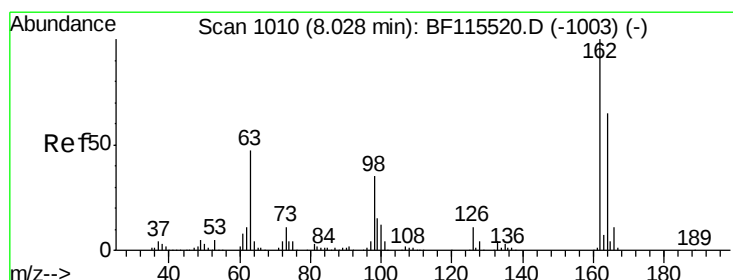
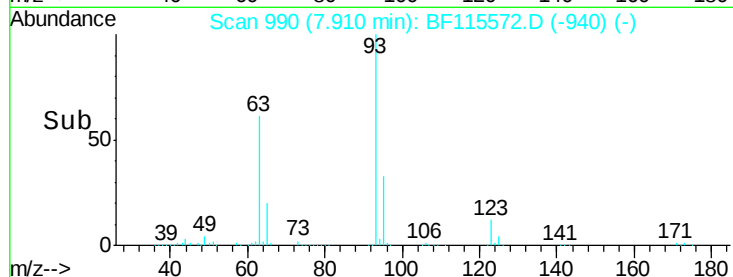
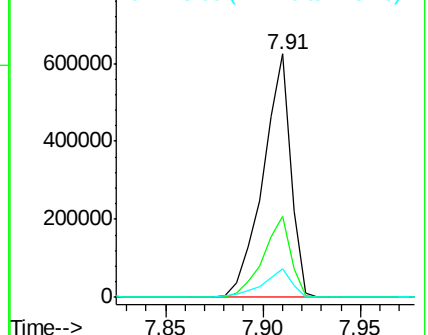
93 100

95 33.2 27.0 40.4

123 11.6 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): BF1



#29

2,4-Dichlorophenol

Concen: 34.011 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

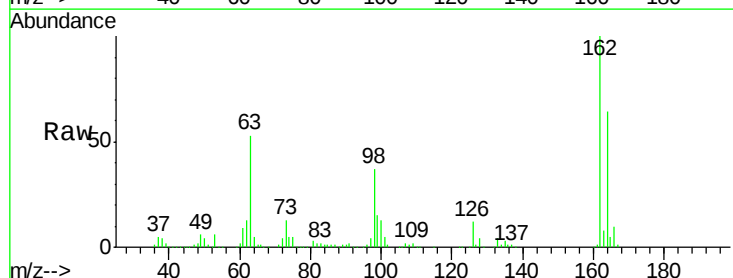
Tgt Ion: 162 Resp: 449175

Ion Ratio Lower Upper

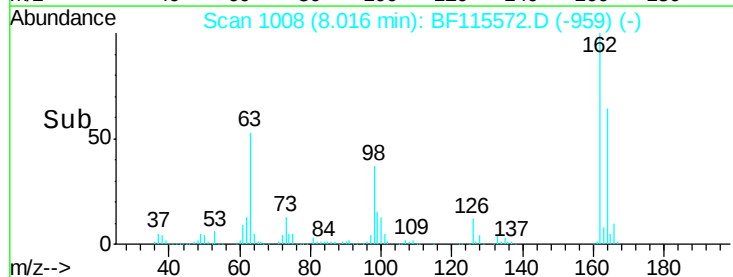
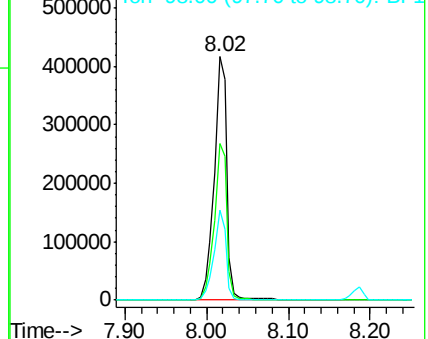
162 100

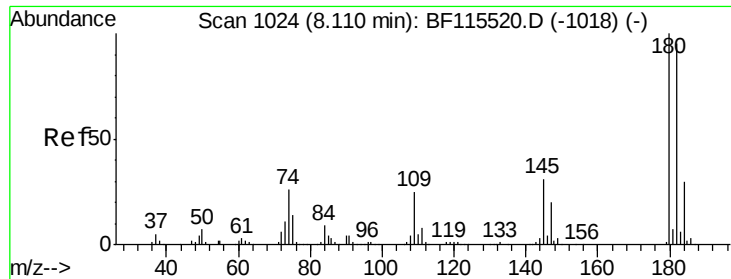
164 64.2 44.9 84.9

98 36.9 17.7 57.7



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

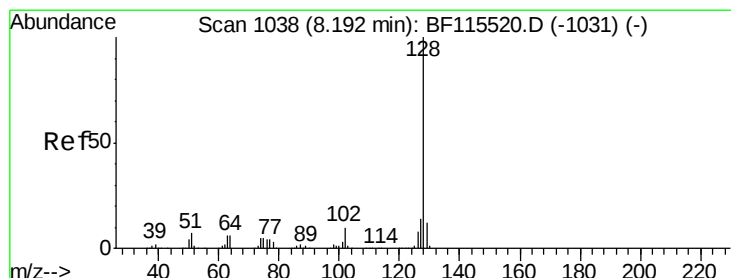
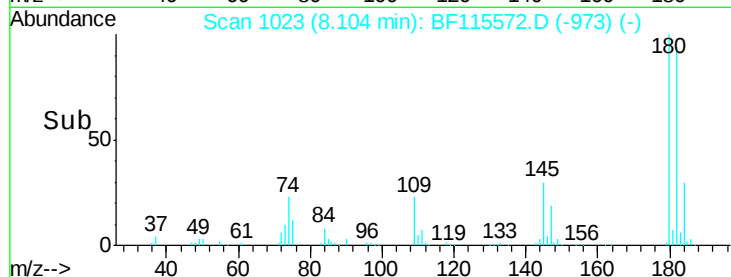
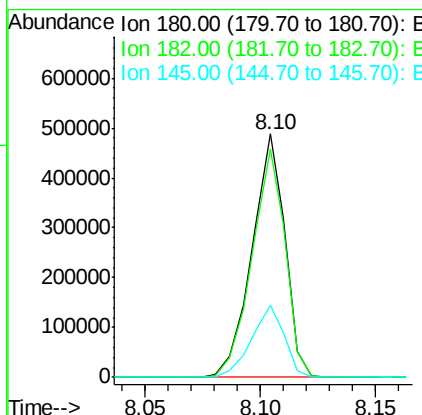
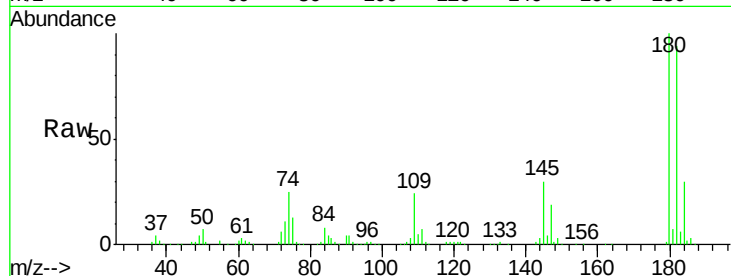




#30
 1,2,4-Trichlorobenzene
 Concen: 32.470 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

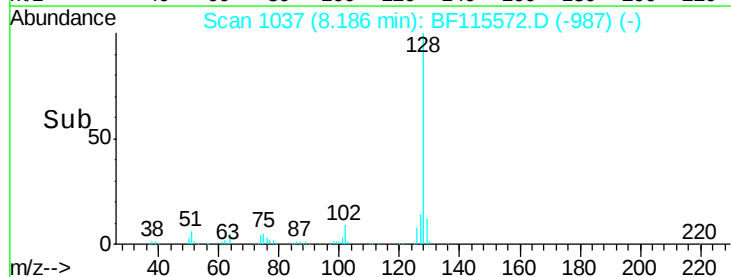
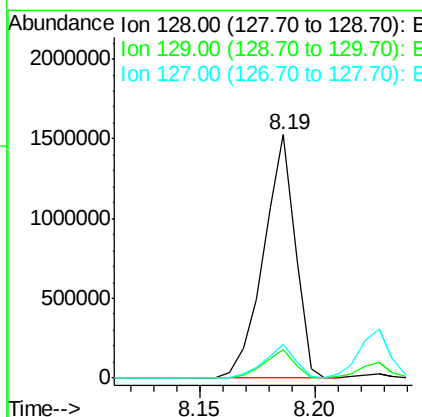
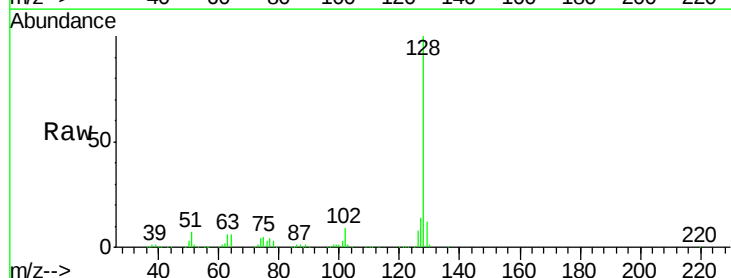
Instrument :
 BNA_F
 ClientSampleId :

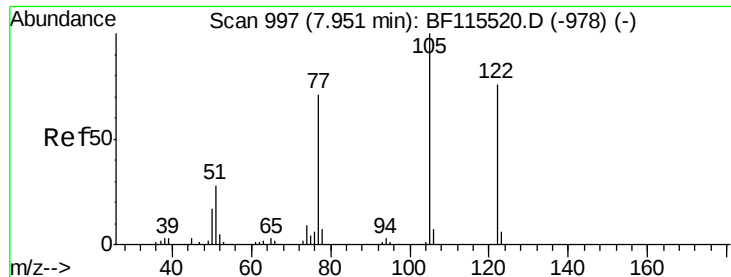
Tot Ion:180 Resp: 484735
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.0 112.6
 145 29.7 25.1 37.7



#31
 Naphthalene
 Concen: 33.691 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:128 Resp: 1450433
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.9 14.9
 127 13.6 12.1 18.1

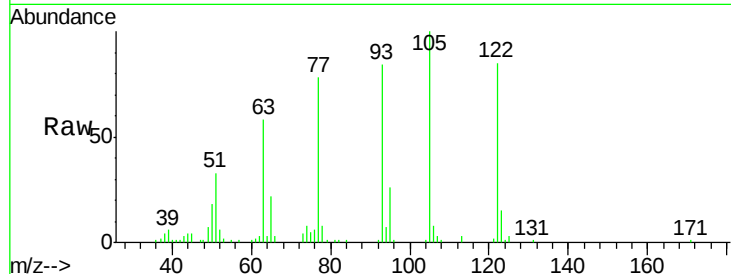




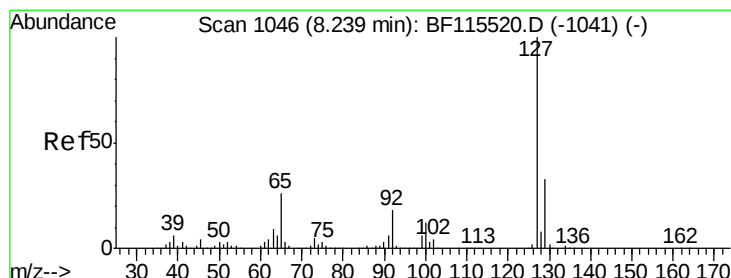
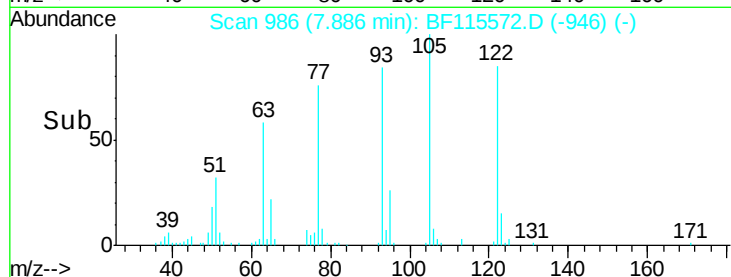
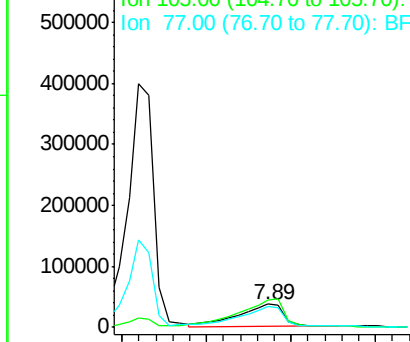
#32
Benzoic acid
Concen: 6.412 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 66826
Ion Ratio Lower Upper
122 100
105 118.3 102.5 142.5
77 91.7 70.2 110.2

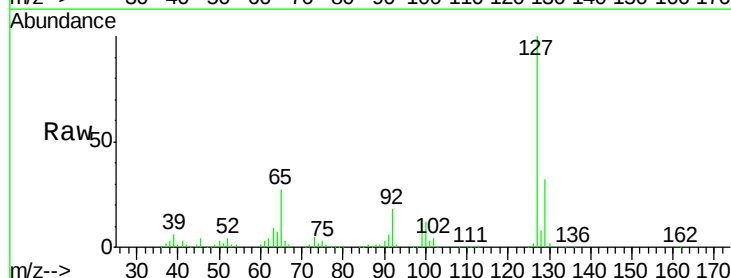


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

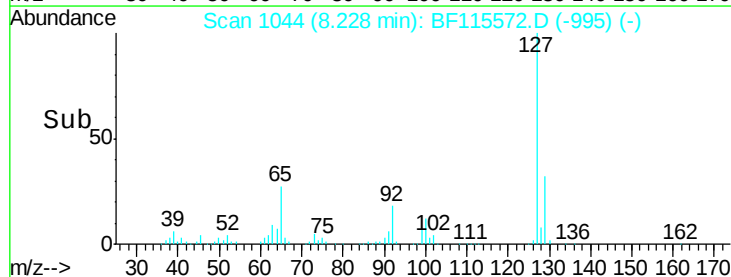
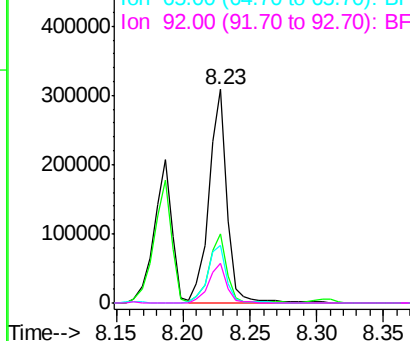


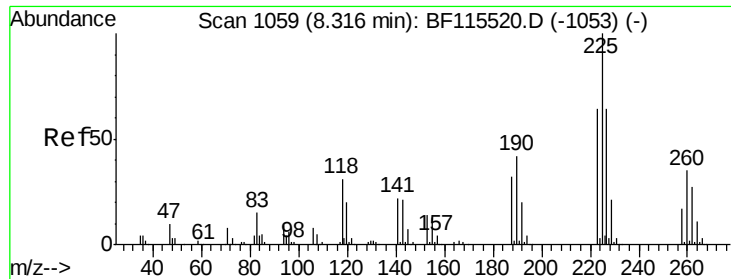
#33
4-Chloroaniline
Concen: 15.158 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:127 Resp: 289060
Ion Ratio Lower Upper
127 100
129 32.3 26.6 39.8
65 27.2 23.7 35.5
92 18.3 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

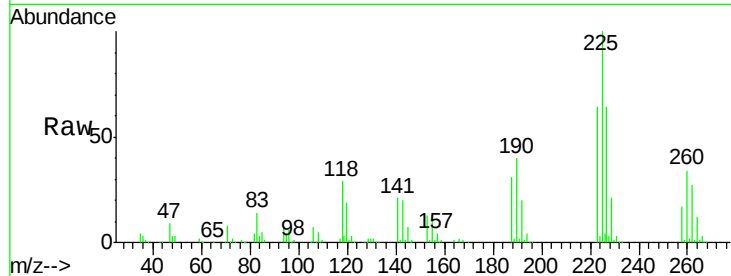




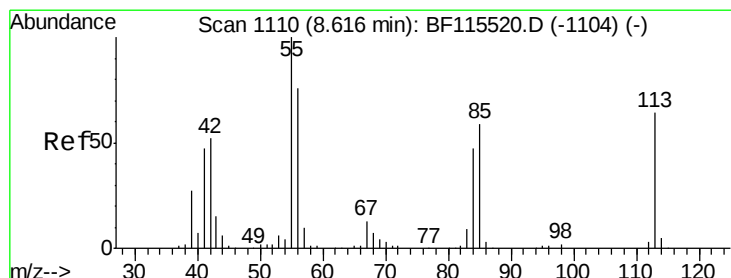
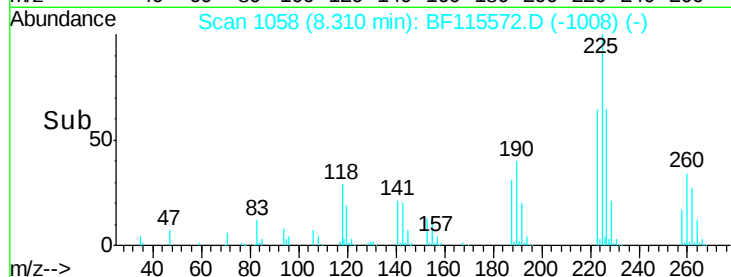
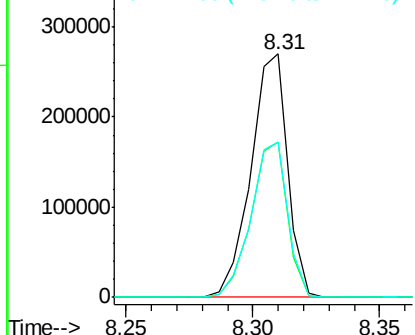
#34
Hexachlorobutadiene
Concen: 31.630 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 270782
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 63.8 50.7 76.1

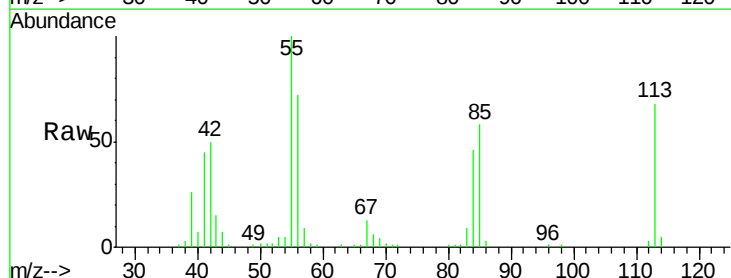


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

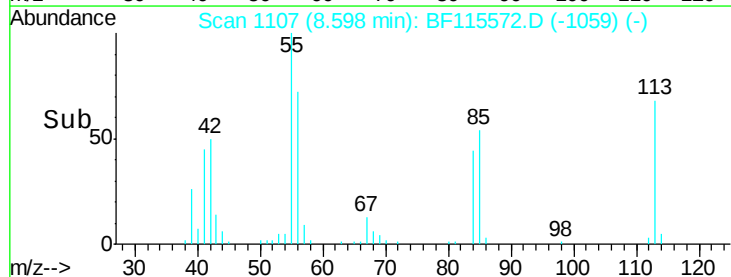
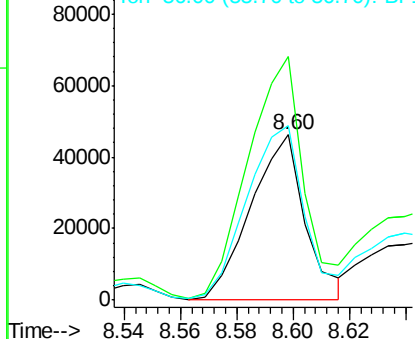


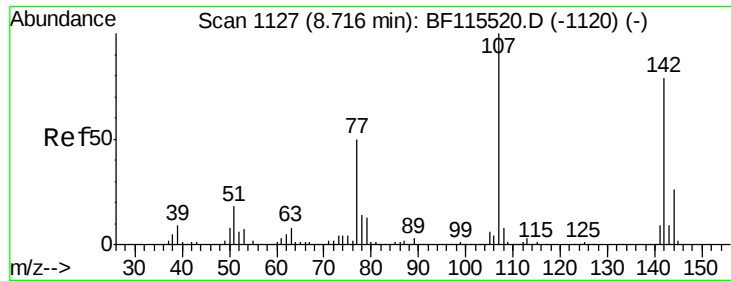
#35
Caprolactam
Concen: 15.171 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:113 Resp: 61913
Ion Ratio Lower Upper
113 100
55 147.4 126.9 166.9
56 105.7 90.3 130.3



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

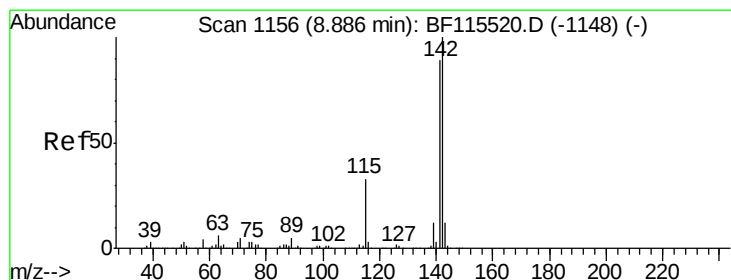
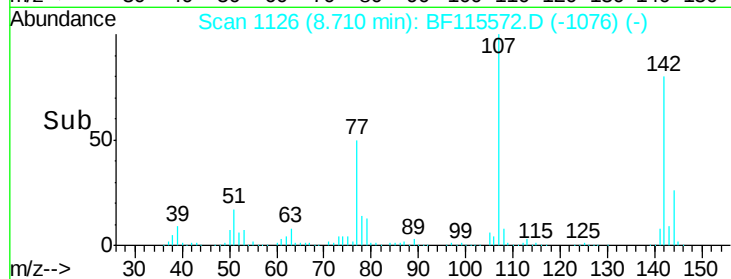
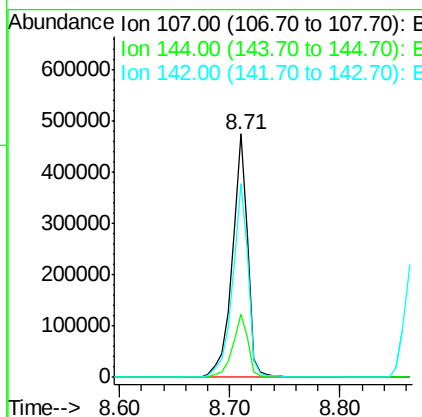
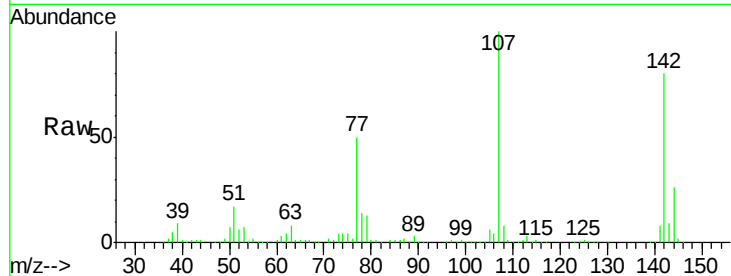




#36
 4-Chloro-3-methylphenol
 Concen: 34.060 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

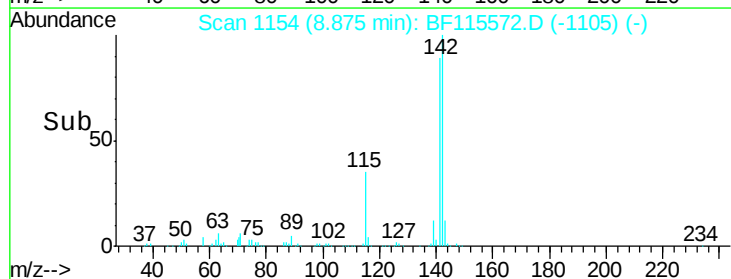
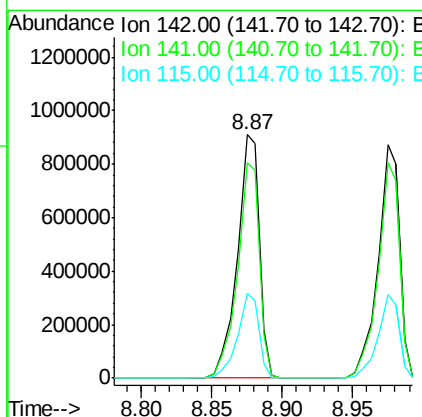
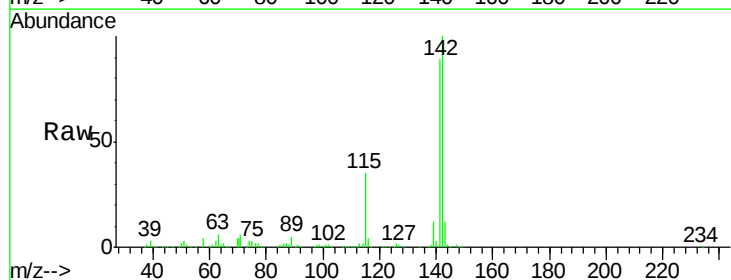
Instrument :
 BNA_F
 ClientSampleId :

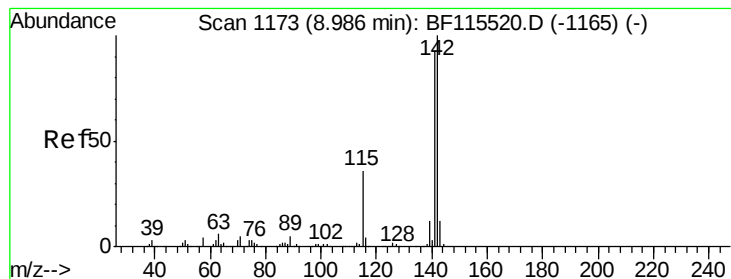
Tot Ion:107 Resp: 466604
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 30.8
 142 79.7 63.1 94.7



#37
 2-Methylnaphthalene
 Concen: 34.638 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:142 Resp: 988483
 Ion Ratio Lower Upper
 142 100
 141 88.5 72.0 108.0
 115 34.7 29.9 44.9





#38

1-Methylnaphthalene

Concen: 33.942 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

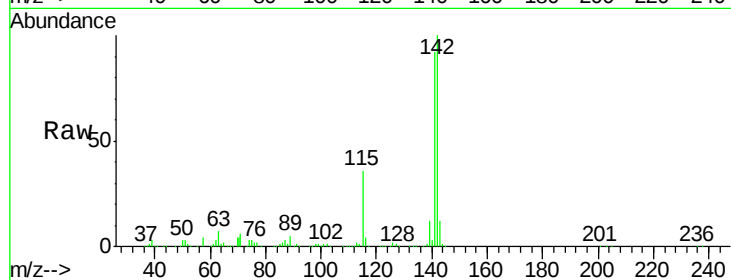
Tot Ion:142 Resp: 920014

Ion Ratio Lower Upper

142 100

141 92.4 75.3 112.9

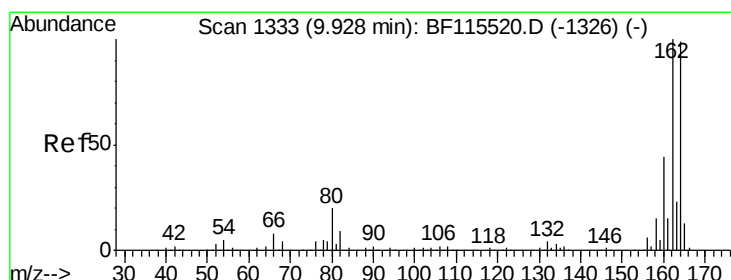
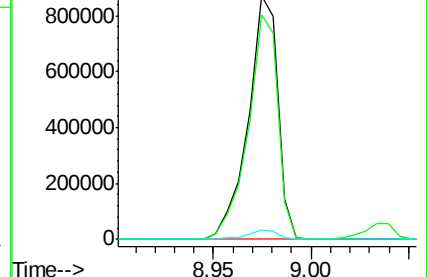
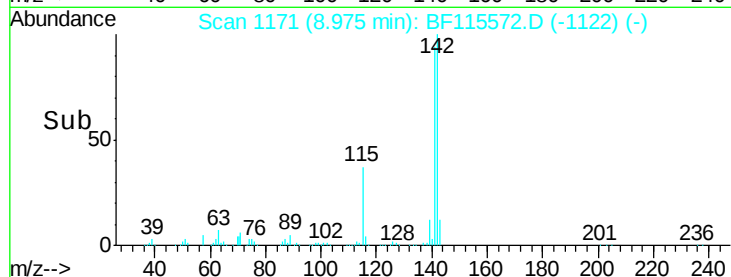
116 3.9 3.3 4.9



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: BF115572.D

Acq: 15 Jul 2019 22:20

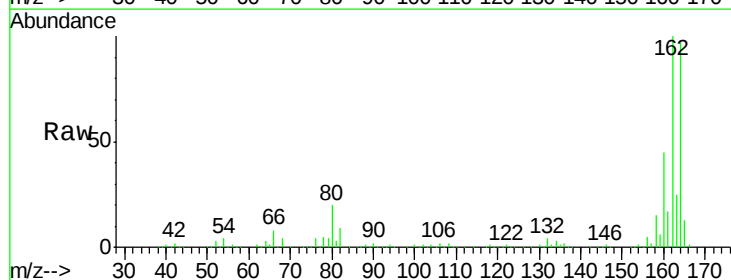
Tgt Ion:164 Resp: 446295

Ion Ratio Lower Upper

164 100

162 103.4 82.9 124.3

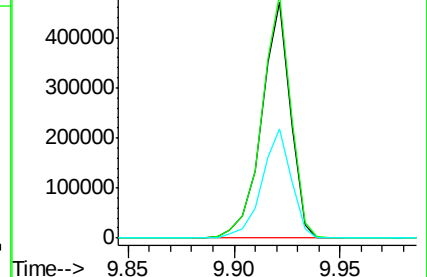
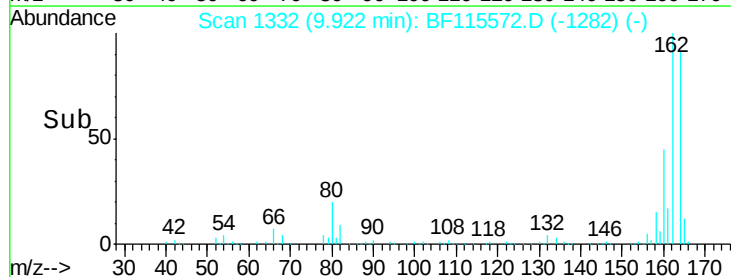
160 46.2 36.8 55.2

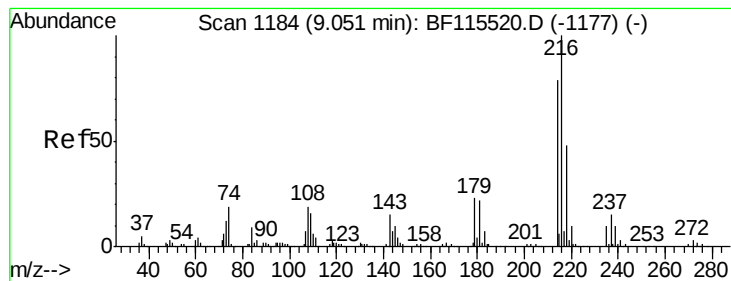


Abundance Ion 164.00 (163.70 to 164.70): E

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: 32.576 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 437800

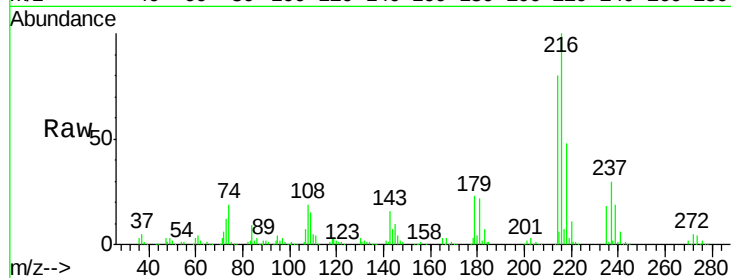
Ion Ratio Lower Upper

216 100

214 78.9 65.1 97.7

179 21.7 18.3 27.5

108 20.8 15.7 23.5

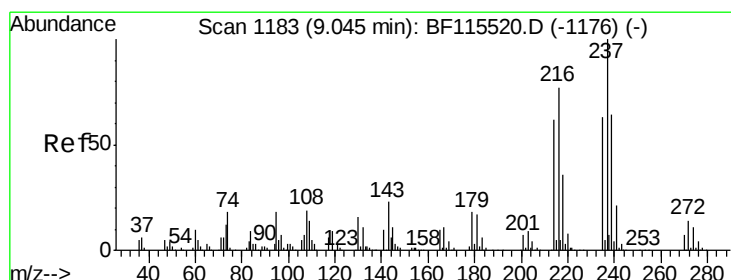
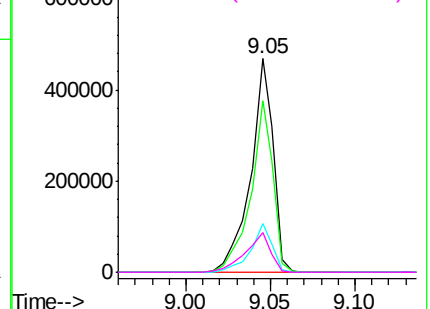
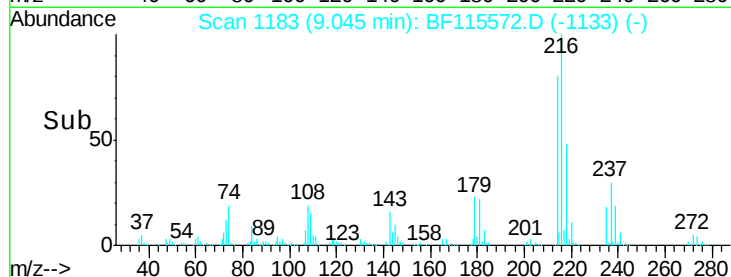


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.573 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

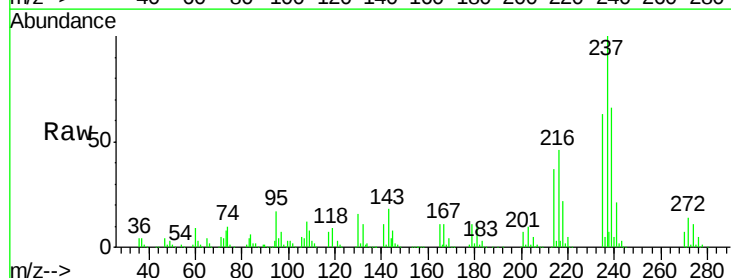
Tgt Ion:237 Resp: 502707

Ion Ratio Lower Upper

237 100

235 62.8 43.6 83.6

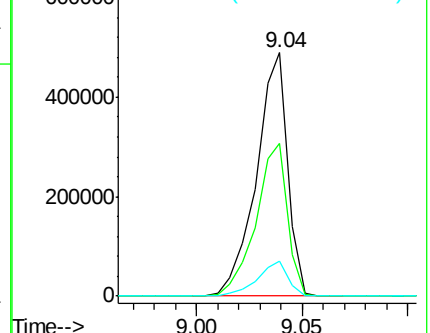
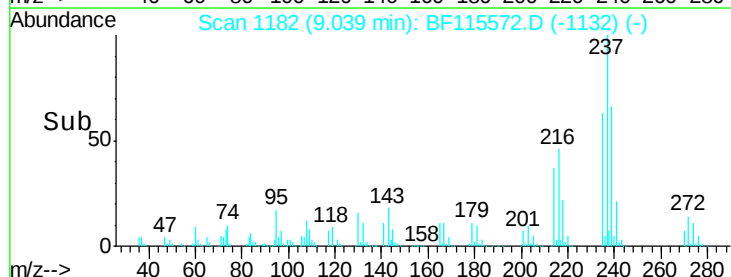
272 14.1 0.0 33.9

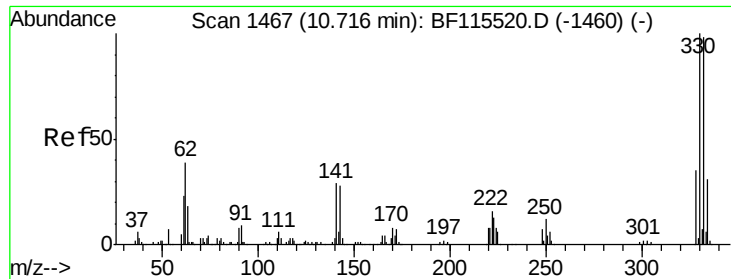


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

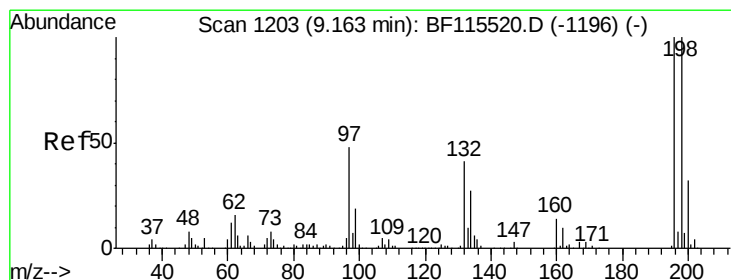
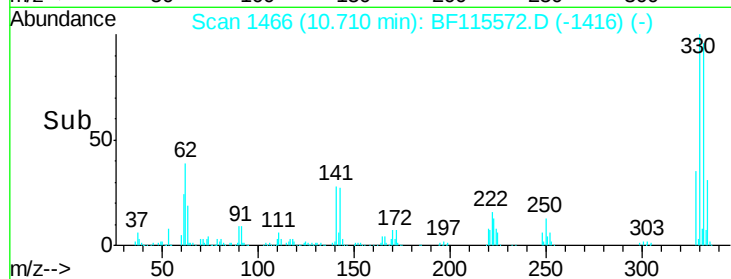
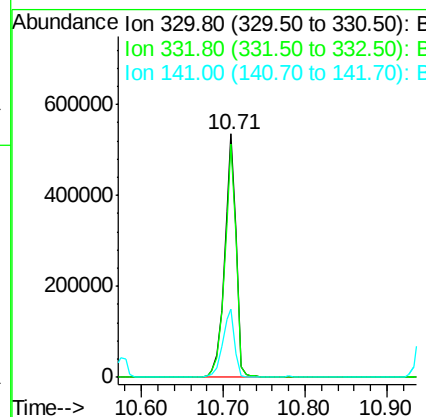
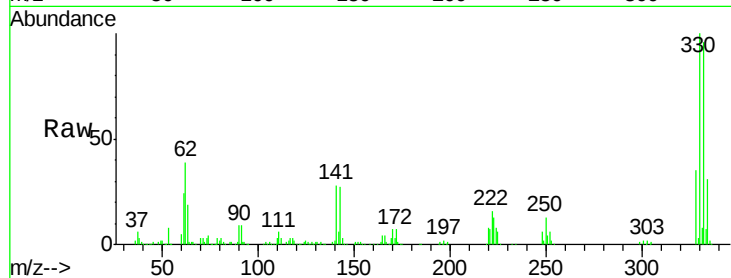




#42
 2,4,6-Tribromophenol
 Concen: 100.703 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

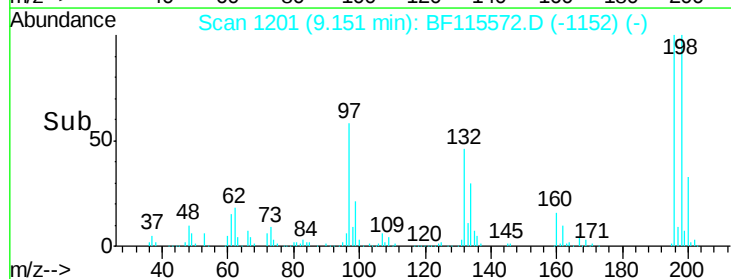
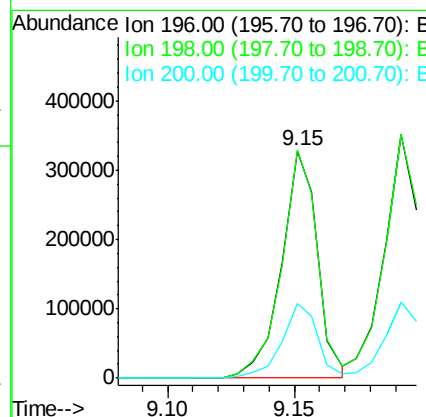
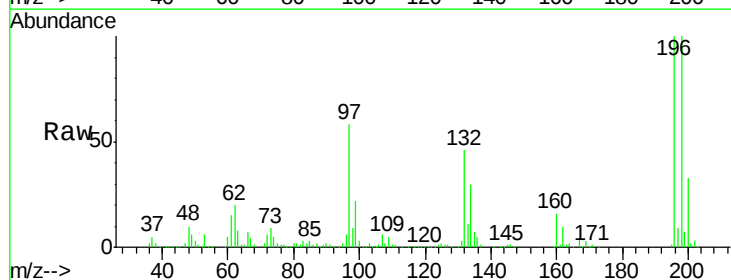
Instrument :
 BNA_F
 ClientSampleId :

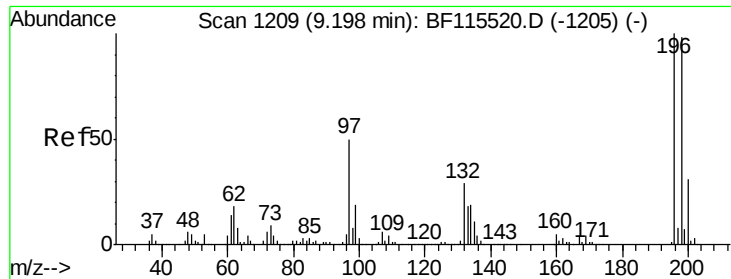
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	29.6	22.4	33.6



#43
 2,4,6-Trichlorophenol
 Concen: 33.087 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	80.6	121.0
200	32.7	25.8	38.6

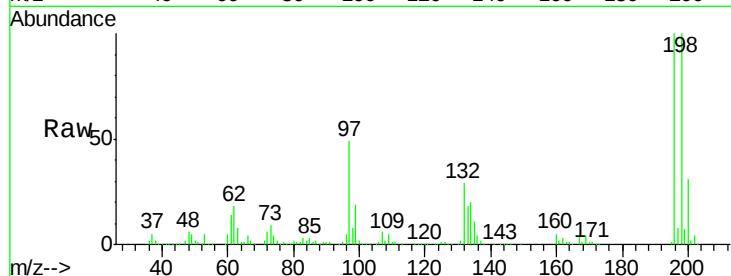




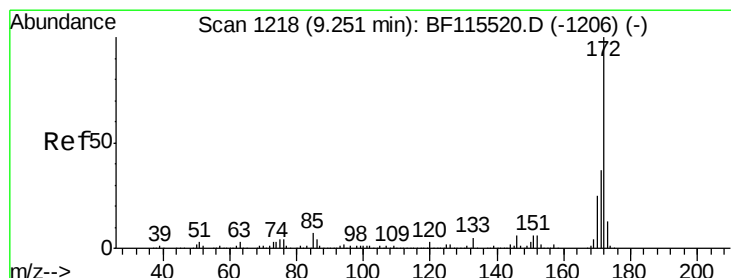
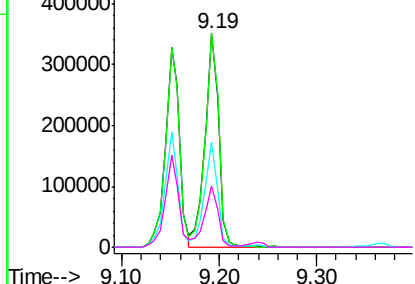
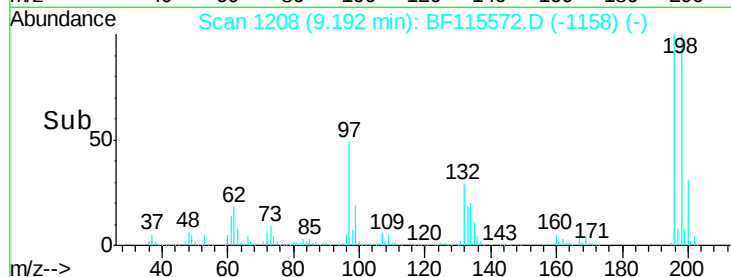
#44
2,4,5-Trichlorophenol
Concen: 34.117 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 343392
Ion Ratio Lower Upper
196 100
198 99.9 79.6 119.4
97 49.4 37.8 56.6
132 28.8 22.8 34.2

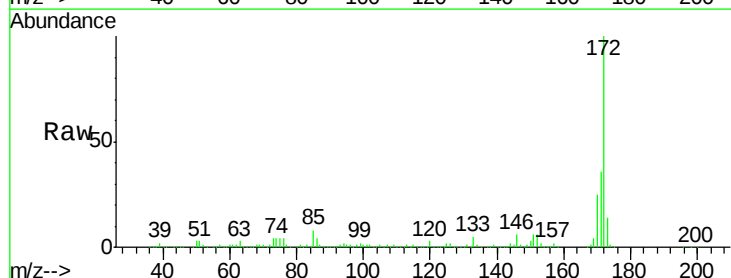


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

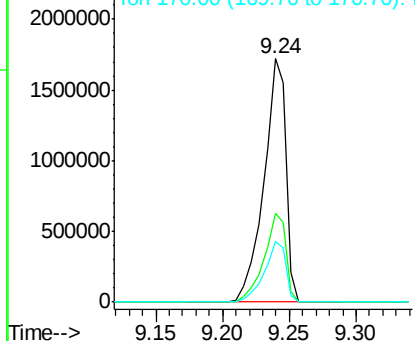
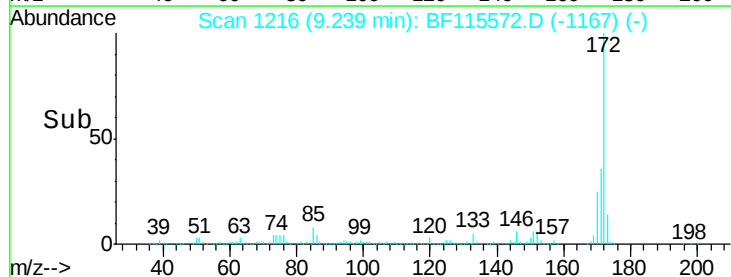


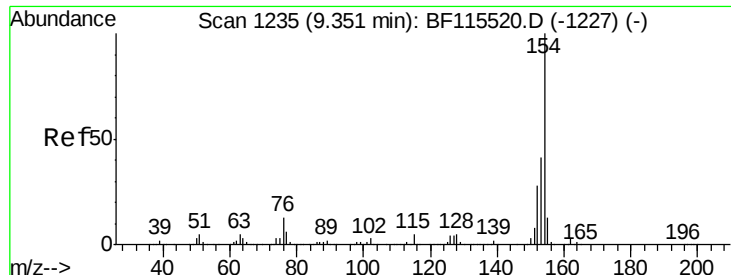
#45
2-Fluorobiphenyl
Concen: 76.560 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:172 Resp: 1952173
Ion Ratio Lower Upper
172 100
171 36.5 30.6 46.0
170 24.7 20.5 30.7



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





#46

1,1'-Biphenyl

Concen: 34.516 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

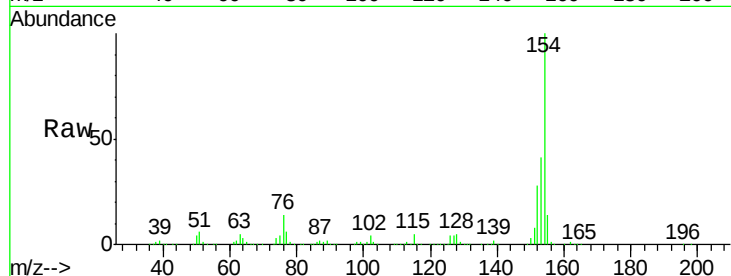
Tot Ion:154 Resp: 1204297

Ion Ratio Lower Upper

154 100

153 41.4 22.6 62.6

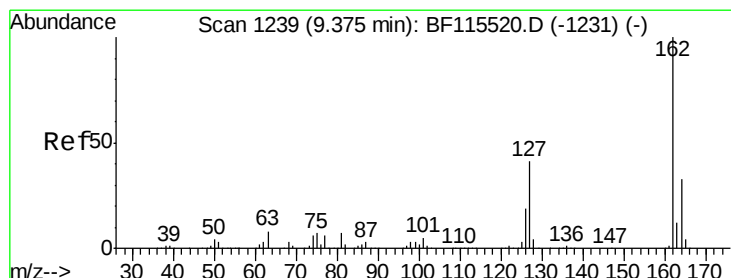
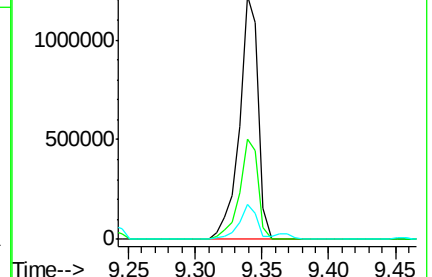
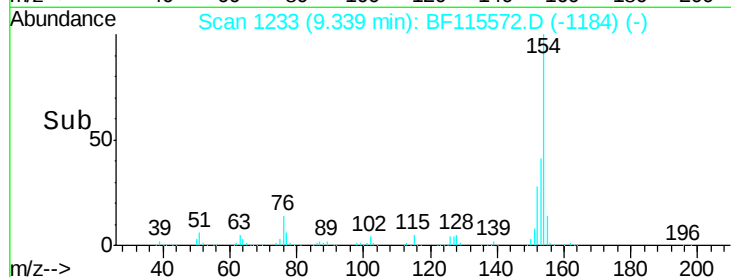
76 14.3 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 33.195 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

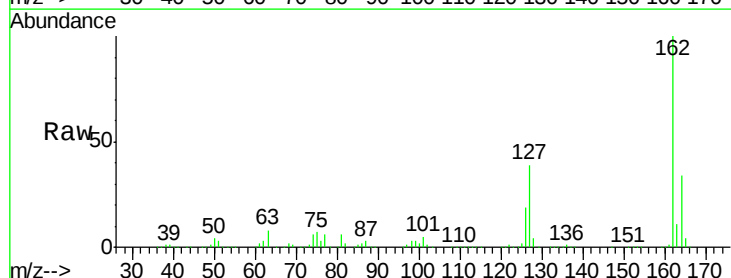
Tgt Ion:162 Resp: 964377

Ion Ratio Lower Upper

162 100

127 38.5 34.1 51.1

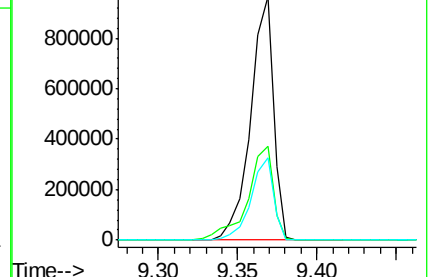
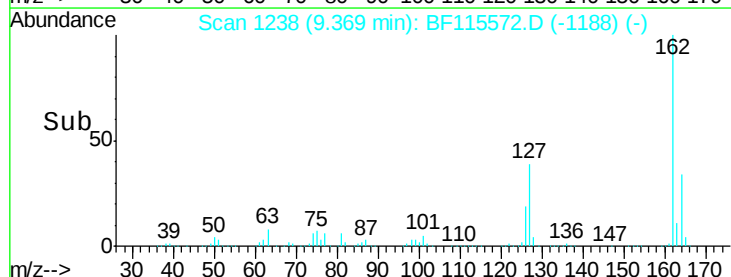
164 33.6 27.4 41.2

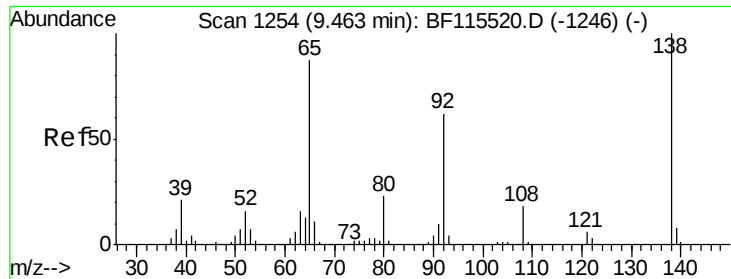


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

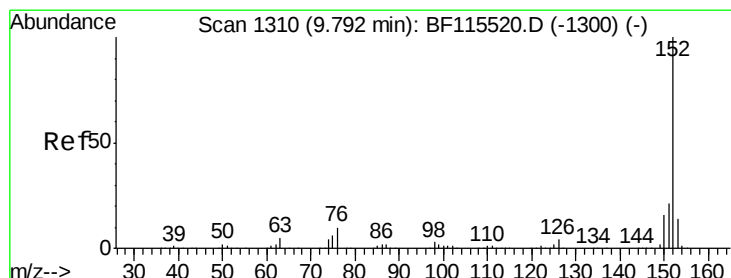
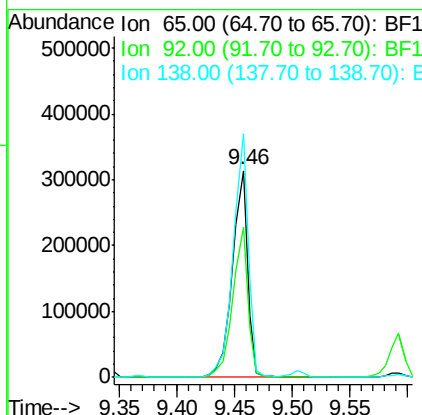
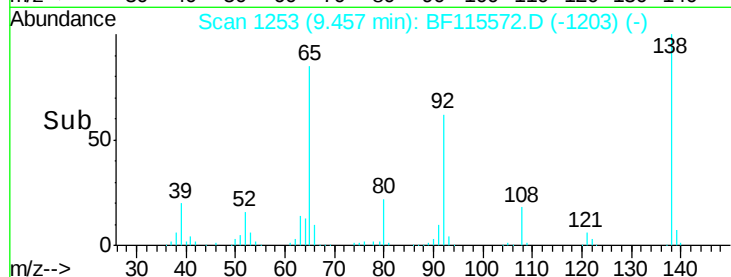
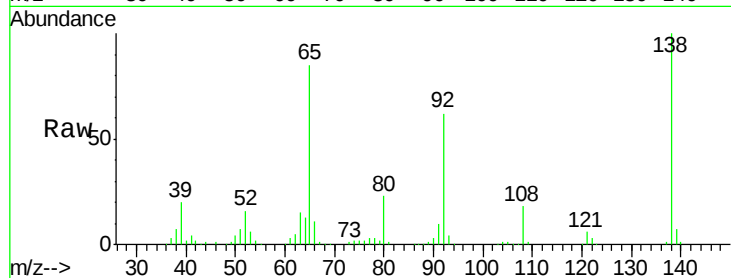




#48
 2-Nitroaniline
 Concen: 32.233 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

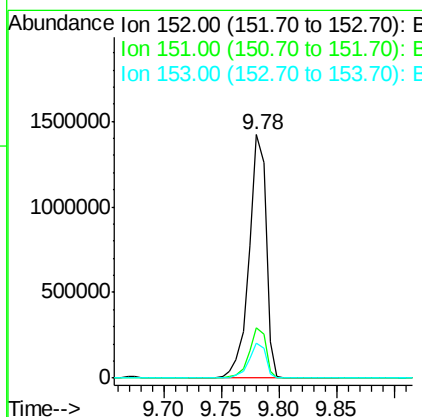
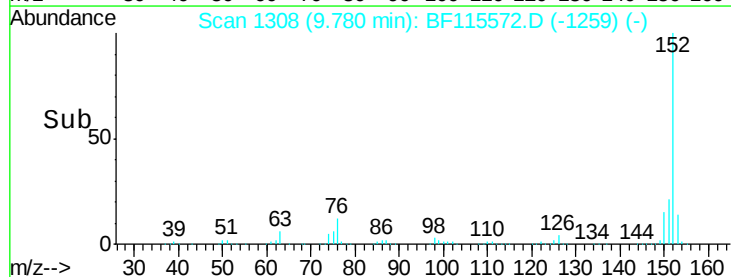
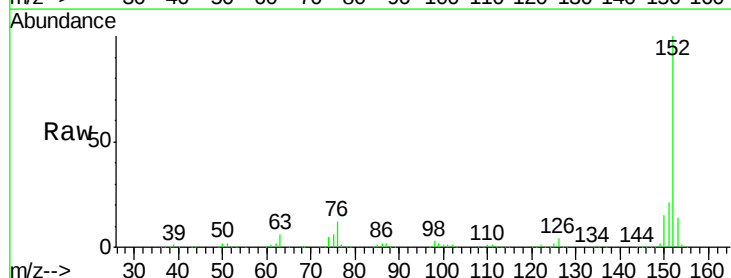
Instrument :
 BNA_F
 ClientSampleId :

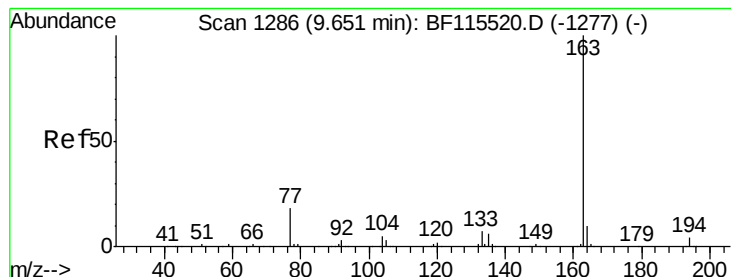
Tot Ion: 65 Resp: 289843
 Ion Ratio Lower Upper
 65 100
 92 73.0 57.8 86.6
 138 117.8 91.2 136.8



#49
 Acenaphthylene
 Concen: 33.667 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion: 152 Resp: 1449298
 Ion Ratio Lower Upper
 152 100
 151 20.8 17.7 26.5
 153 14.4 12.0 18.0





#50

Dimethylphthalate

Concen: 45.534 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

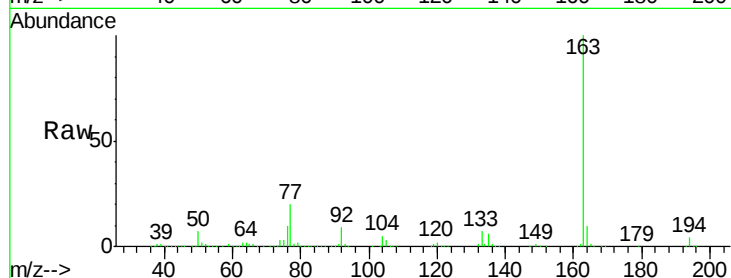
Tot Ion:163 Resp: 1528948

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

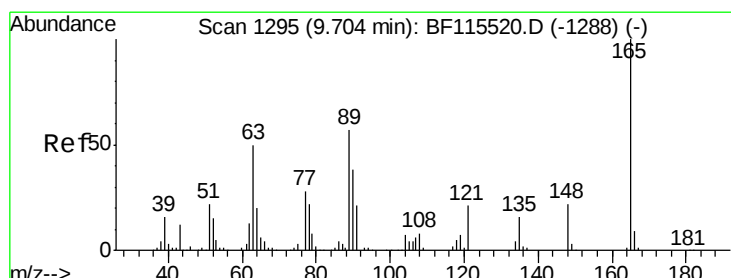
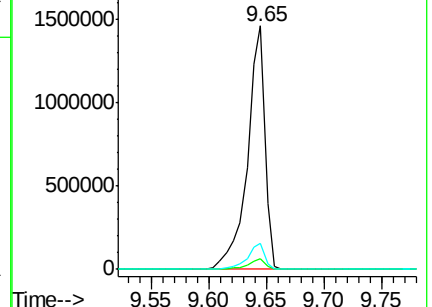
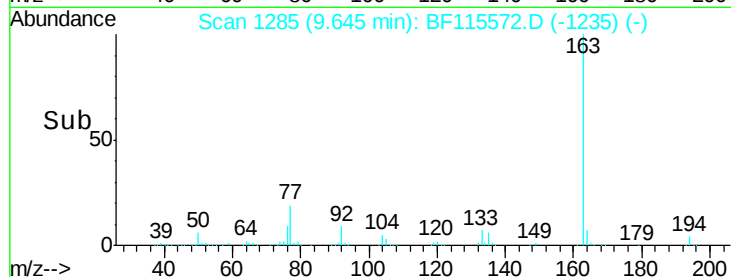
164 10.5 8.7 13.1



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: 34.608 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

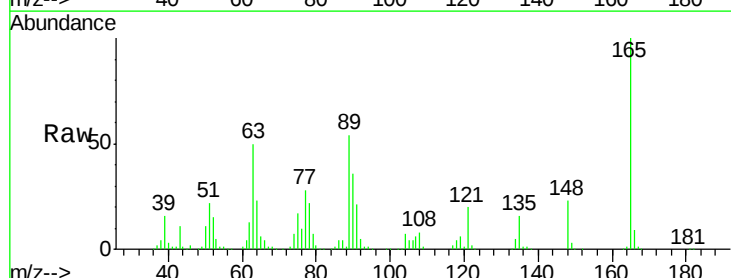
Tgt Ion:165 Resp: 264086

Ion Ratio Lower Upper

165 100

63 49.6 40.6 61.0

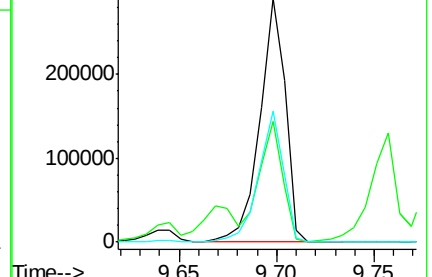
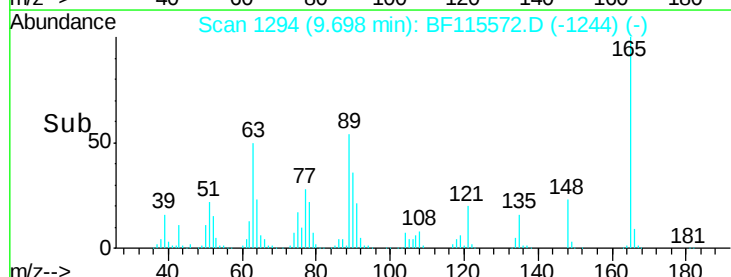
89 53.6 43.9 65.9

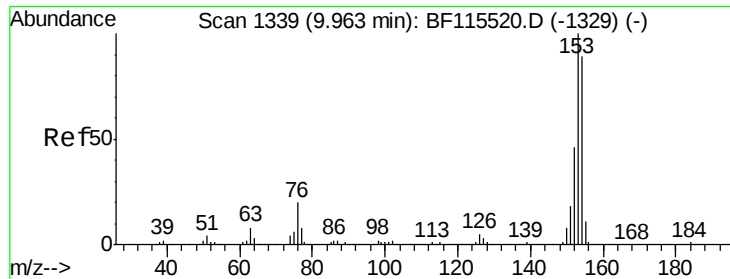


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 34.677 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

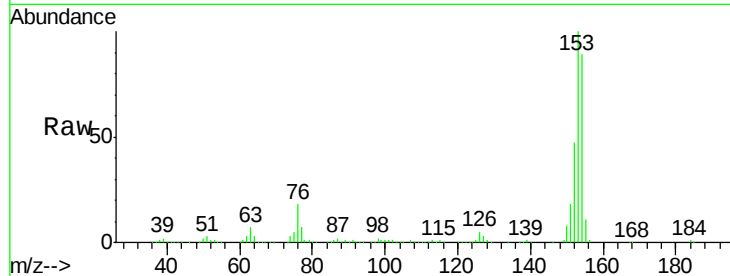
Tot Ion:154 Resp: 963755

Ion Ratio Lower Upper

154 100

153 111.8 88.6 133.0

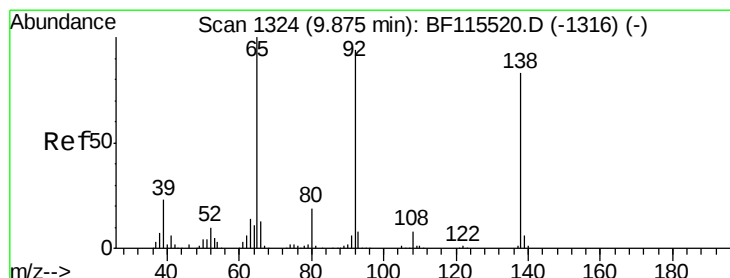
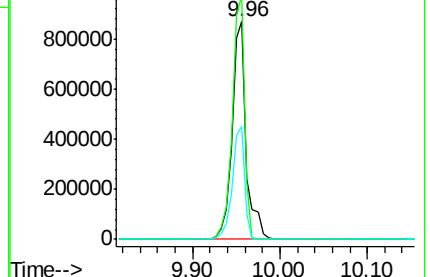
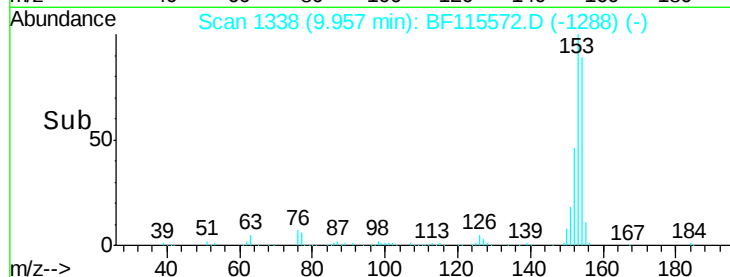
152 52.1 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 22.607 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

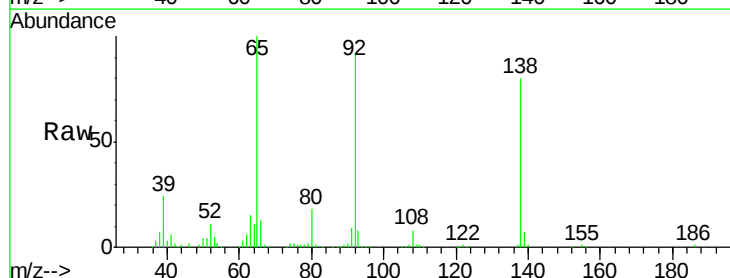
Tgt Ion:138 Resp: 197137

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

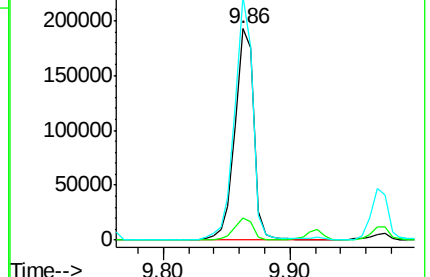
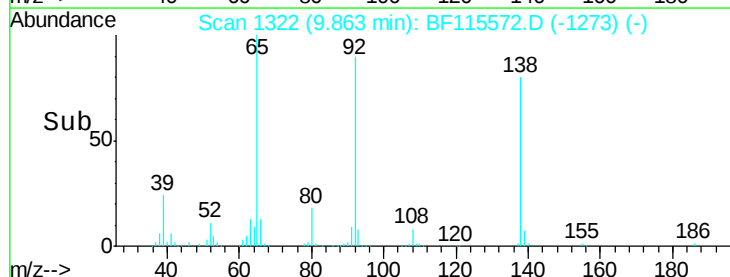
92 115.3 88.0 132.0

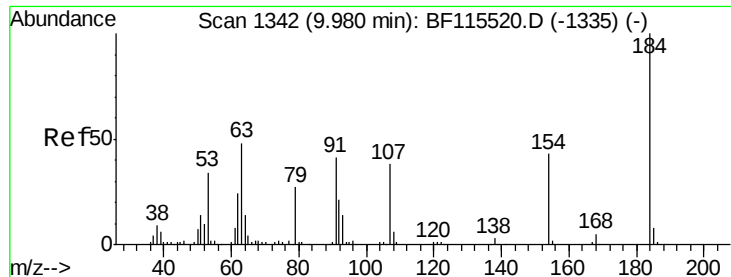


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

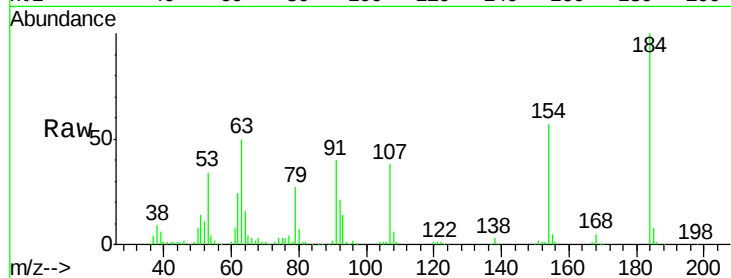




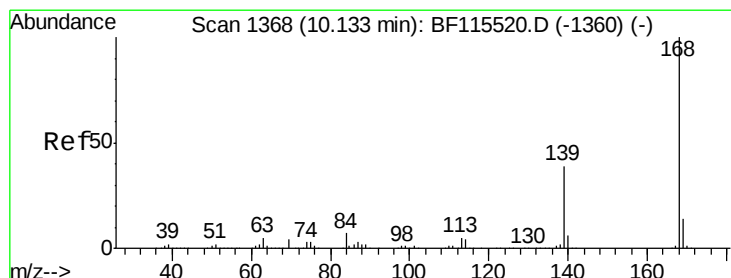
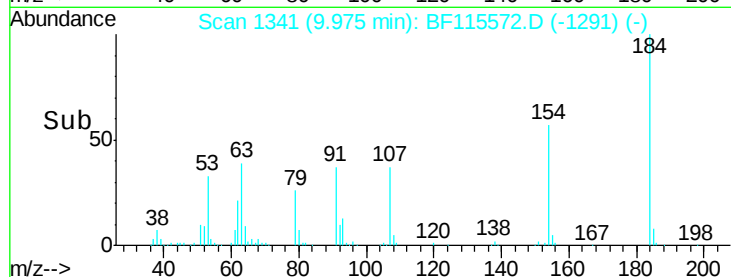
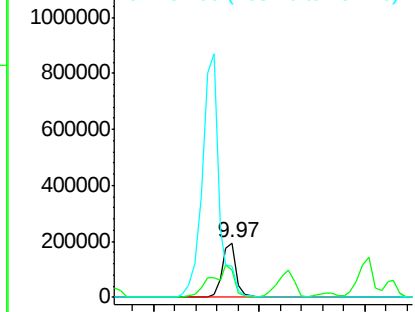
#54
 2,4-Dinitrophenol
 Concen: 46.606 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 182593
 Ion Ratio Lower Upper
 184 100
 63 49.5 48.7 73.1
 154 57.3 48.6 73.0

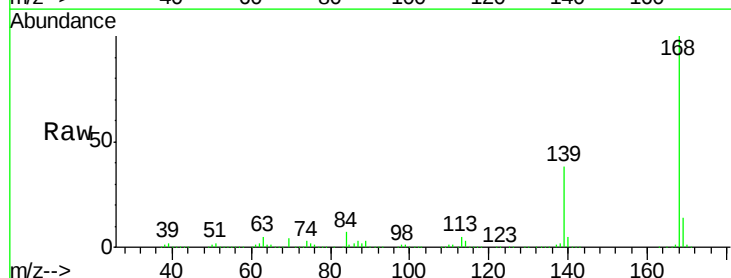


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

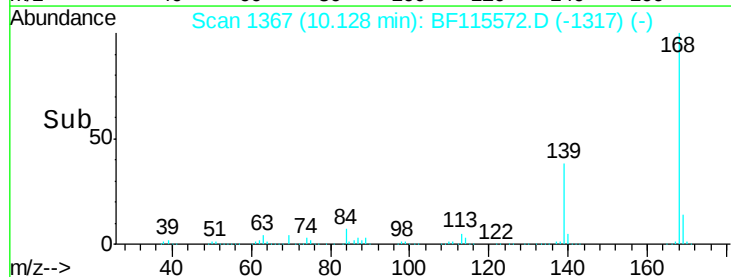
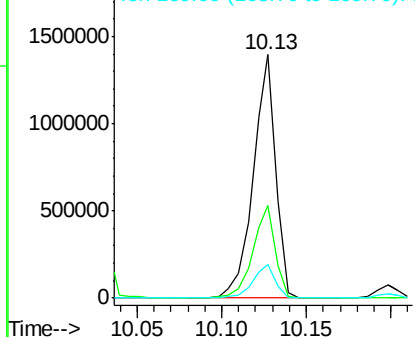


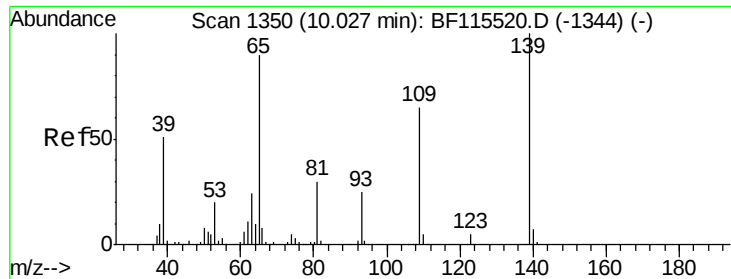
#55
 Dibenzofuran
 Concen: 32.853 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:168 Resp: 1296664
 Ion Ratio Lower Upper
 168 100
 139 37.9 31.1 46.7
 169 13.8 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

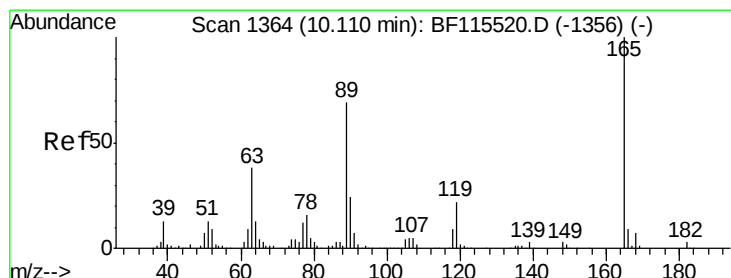
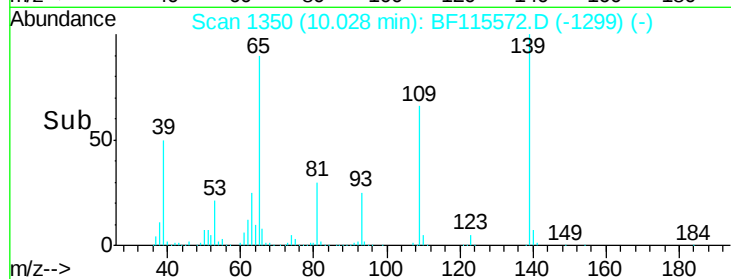
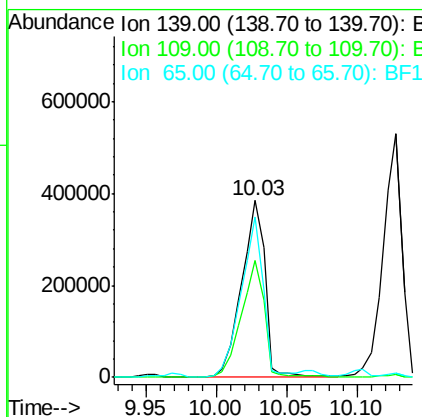
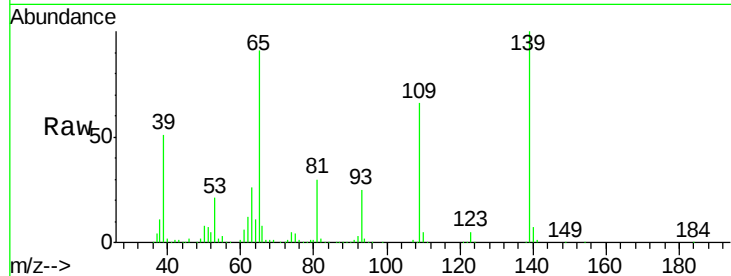




#56
4-Nitrophenol
Concen: 67.062 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

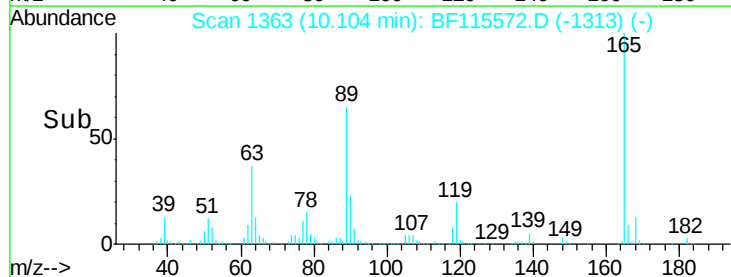
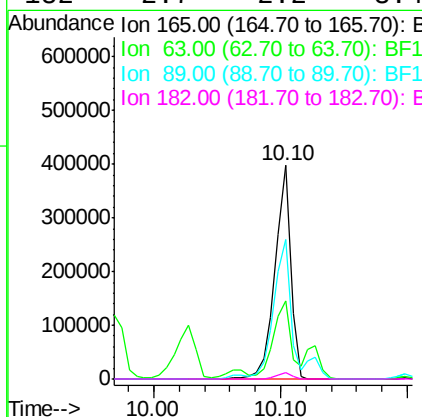
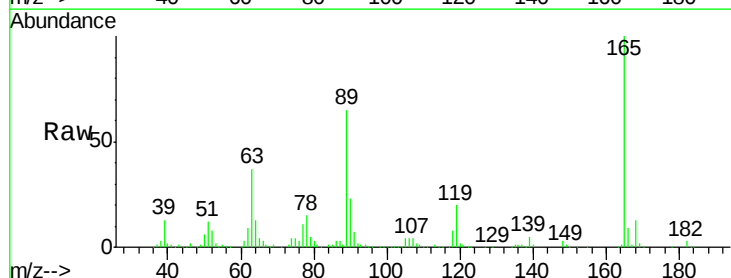
Instrument :
BNA_F
ClientSampleId :

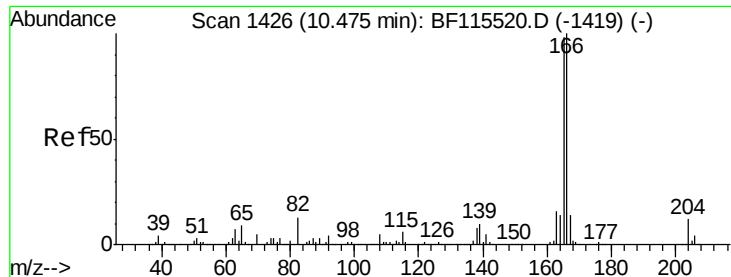
Tot Ion:139 Resp: 445933
Ion Ratio Lower Upper
139 100
109 66.4 46.4 86.4
65 90.6 68.9 108.9



#57
2,4-Dinitrotoluene
Concen: 34.797 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:165 Resp: 344006
Ion Ratio Lower Upper
165 100
63 36.5 34.9 52.3
89 65.2 57.5 86.3
182 2.7 2.2 3.4

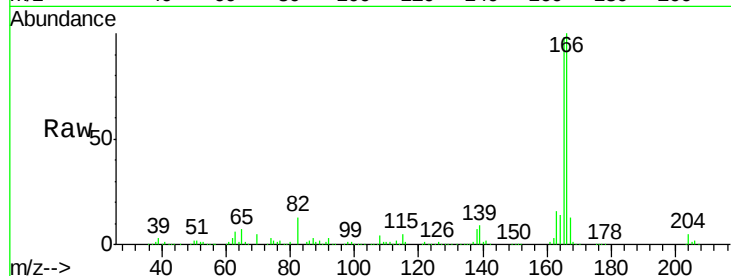




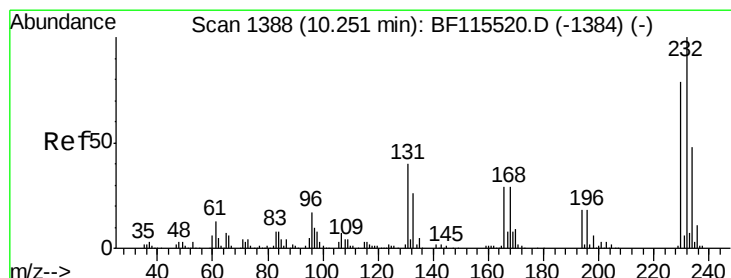
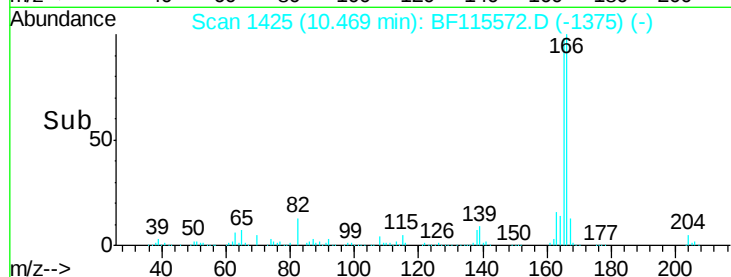
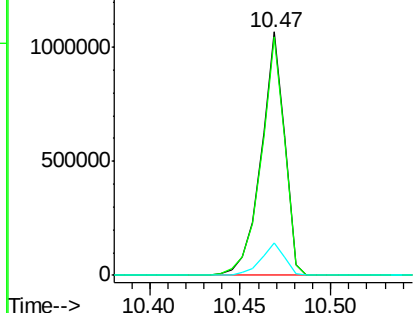
#58
 Fluorene
 Concen: 33.873 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 955754
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.8 119.6
 167 13.5 11.2 16.8

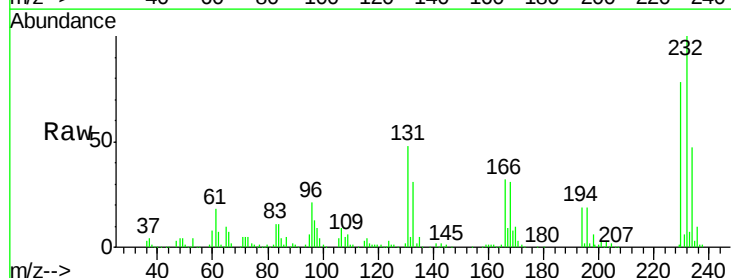


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

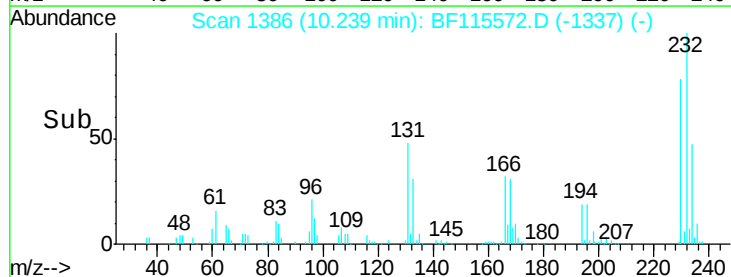
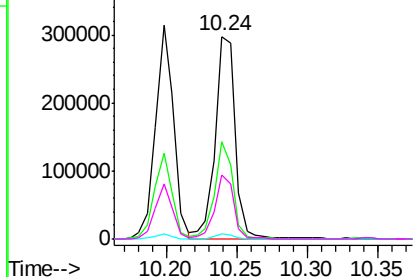


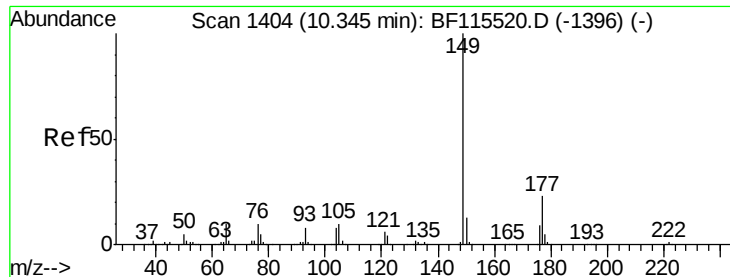
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.689 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:232 Resp: 291870
 Ion Ratio Lower Upper
 232 100
 131 44.4 35.9 53.9
 130 2.2 1.8 2.6
 166 29.7 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

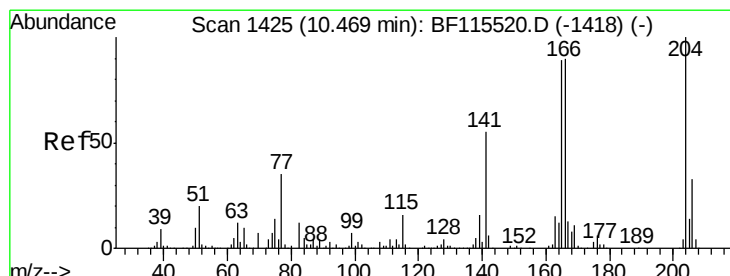
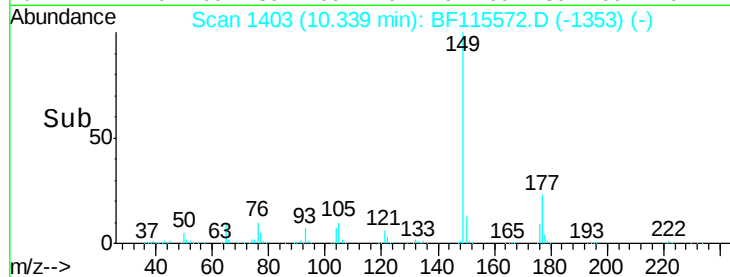
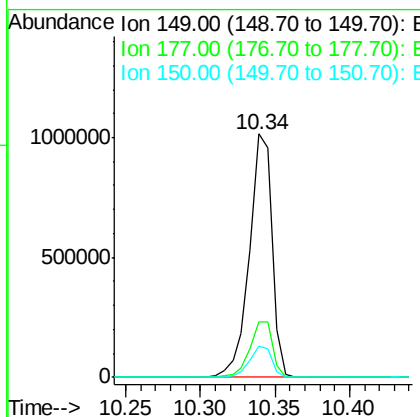
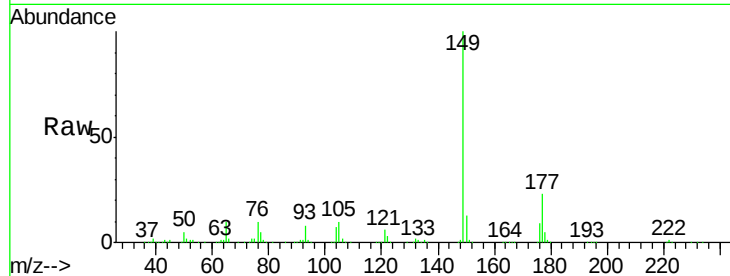




#60
Diethylphthalate
Concen: 33.687 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

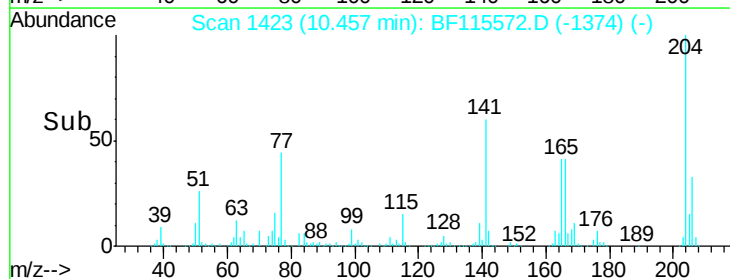
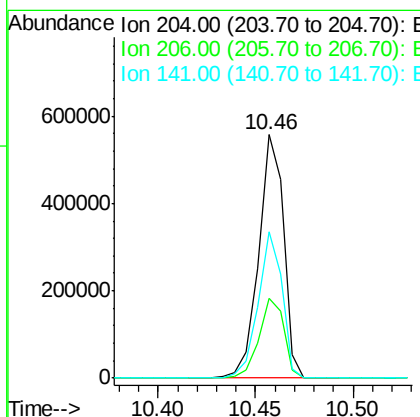
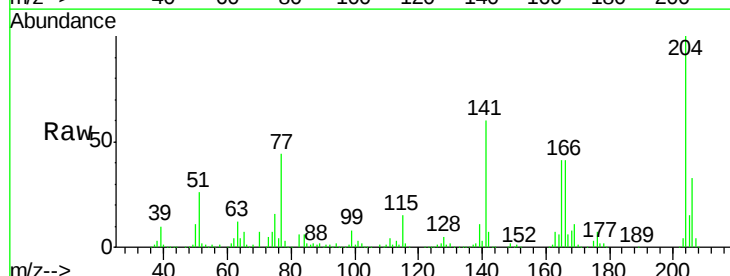
Instrument :
BNA_F
ClientSampleId :

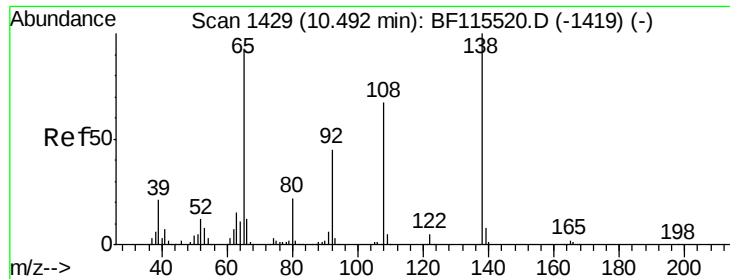
Tot Ion:149 Resp: 1059841
Ion Ratio Lower Upper
149 100
177 22.9 19.5 29.3
150 13.0 10.4 15.6



#61
4-Chlorophenyl-phenylether
Concen: 31.460 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:204 Resp: 492260
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 60.1 44.2 66.2

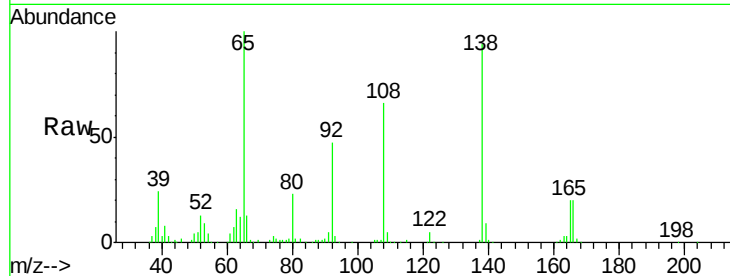




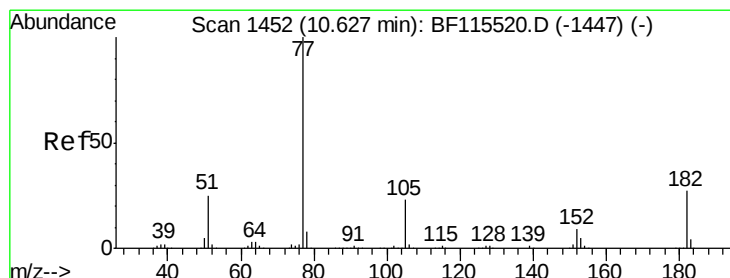
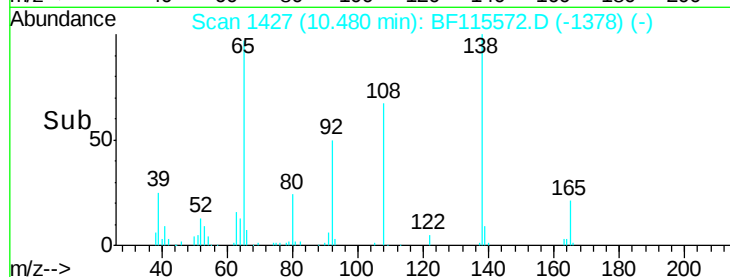
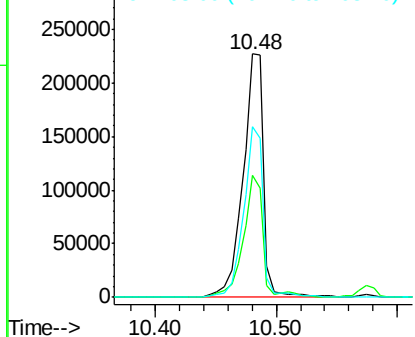
#62
4-Nitroaniline
Concen: 32.016 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 267801
Ion Ratio Lower Upper
138 100
92 50.3 27.1 67.1
108 69.9 48.0 88.0

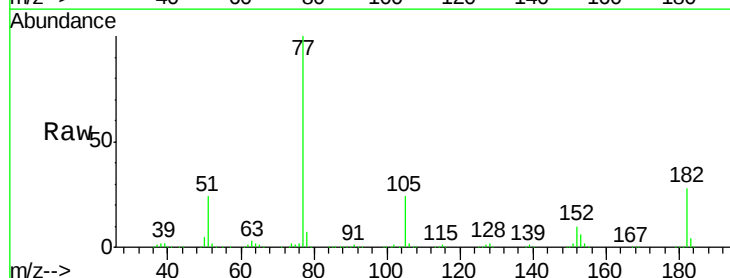


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

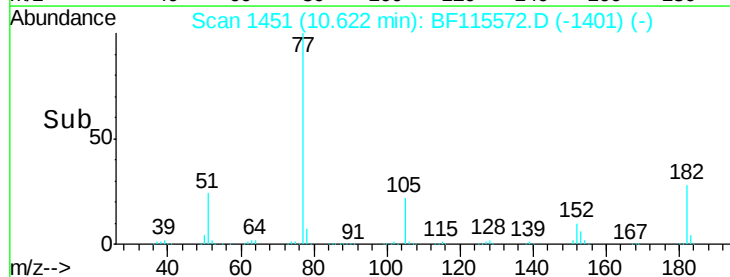
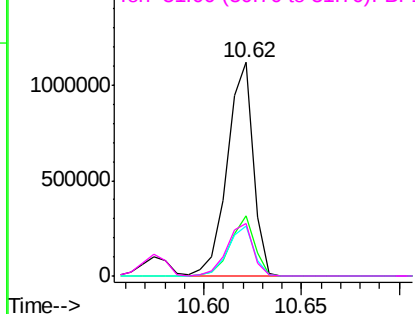


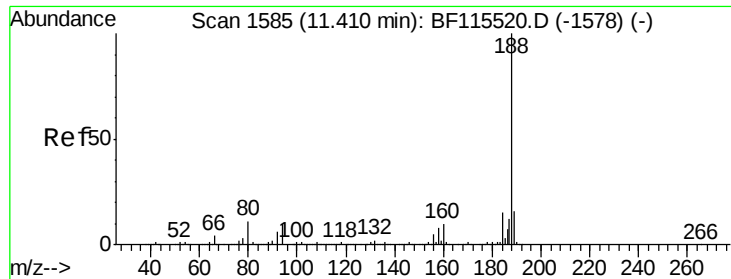
#63
Azobenzene
Concen: 33.830 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion: 77 Resp: 1032364
Ion Ratio Lower Upper
77 100
182 28.2 6.9 46.9
105 23.5 3.9 43.9
51 24.3 7.3 47.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

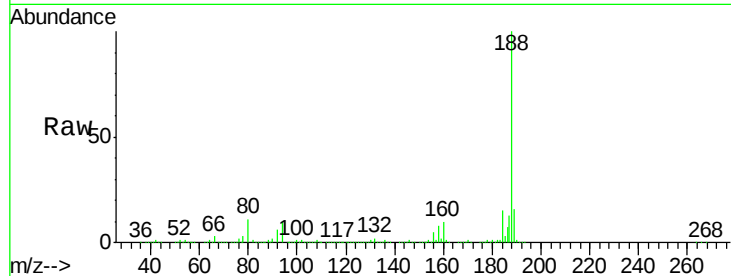
Tot Ion:188 Resp: 861674

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

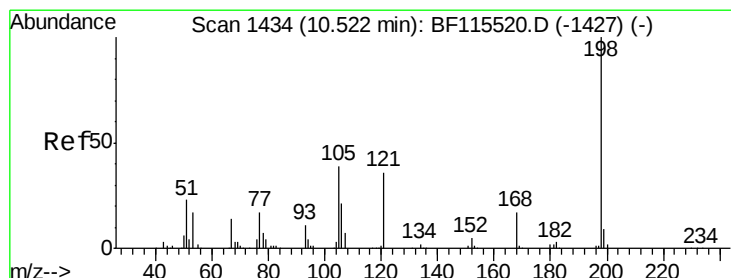
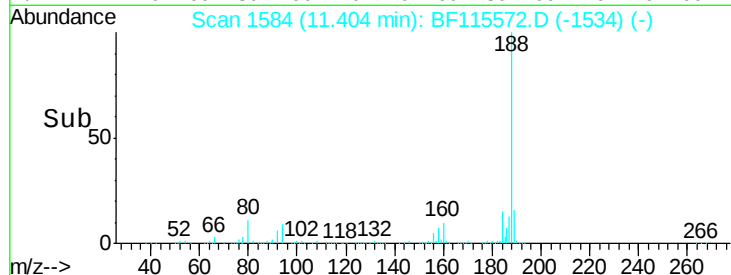
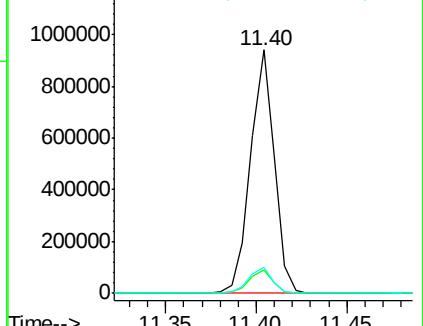
80 10.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 33.294 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

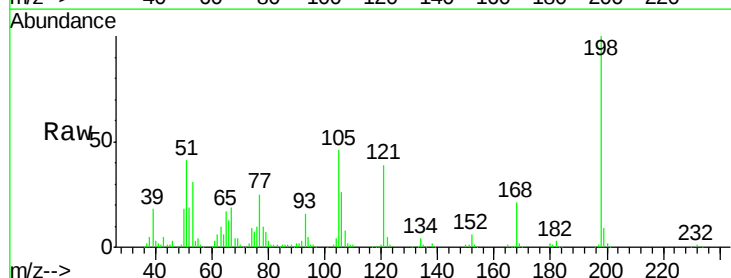
Tgt Ion:198 Resp: 175278

Ion Ratio Lower Upper

198 100

51 41.2 19.1 59.1

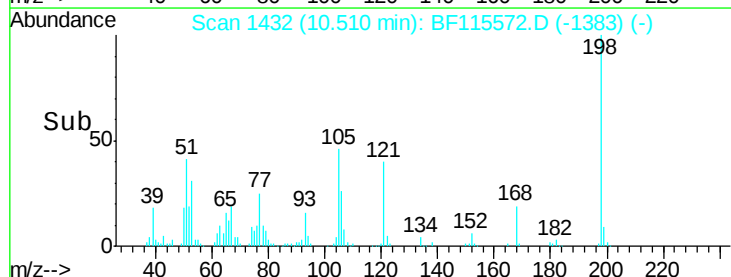
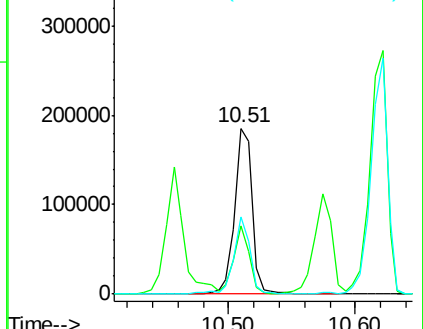
105 46.3 23.6 63.6

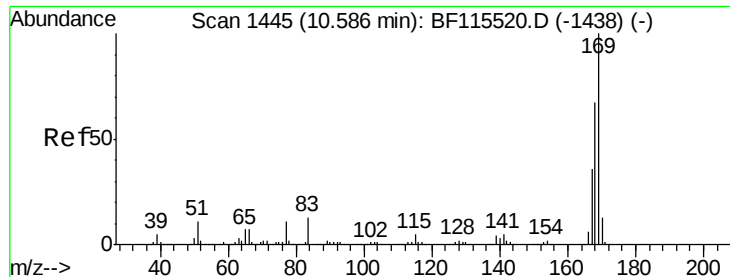


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 32.862 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampled :

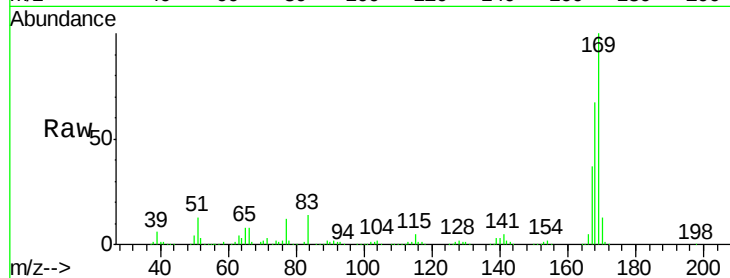
Tot Ion:169 Resp: 880833

Ion Ratio Lower Upper

169 100

168 66.9 54.3 81.5

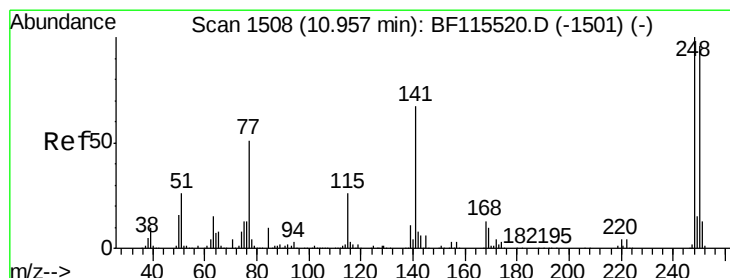
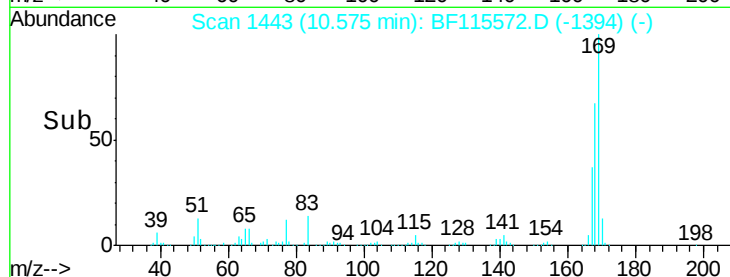
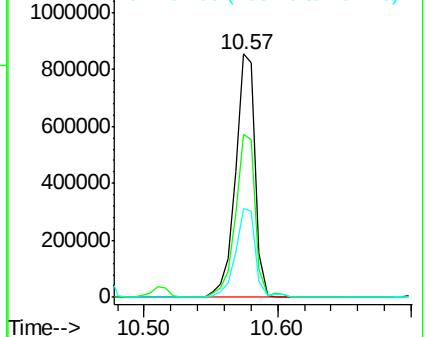
167 36.7 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 32.301 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

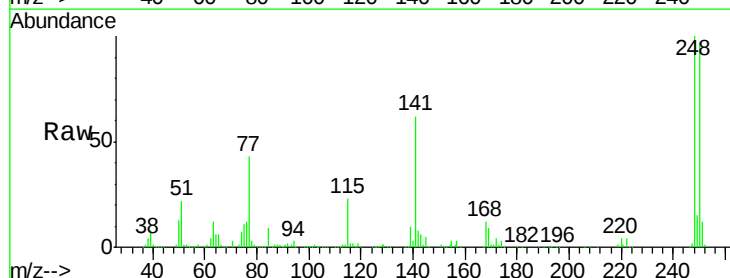
Tgt Ion:248 Resp: 318066

Ion Ratio Lower Upper

248 100

250 96.9 78.0 117.0

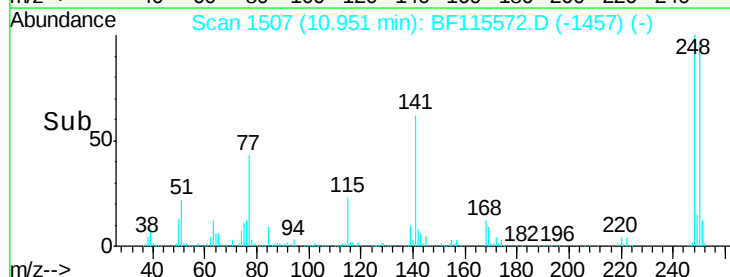
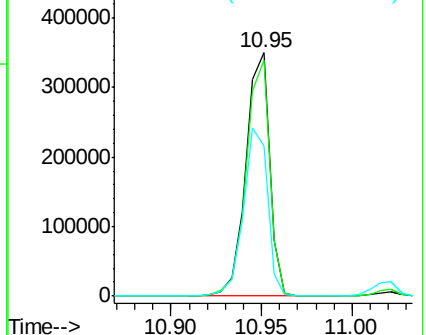
141 61.9 57.7 86.5

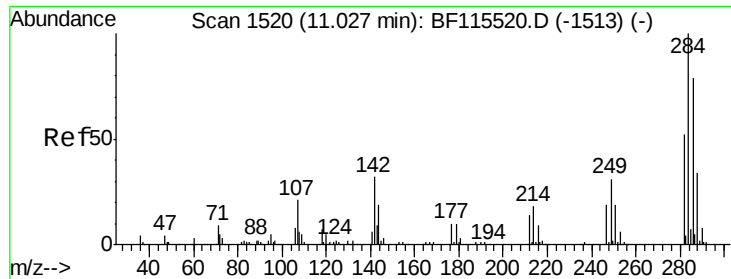


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

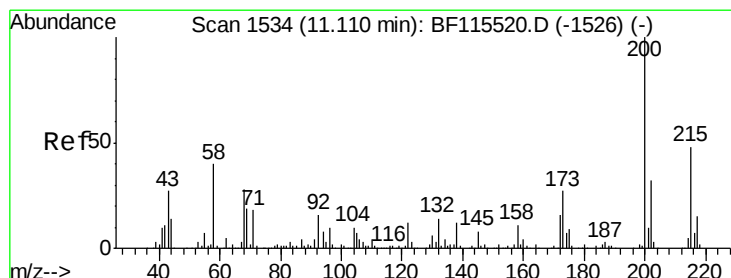
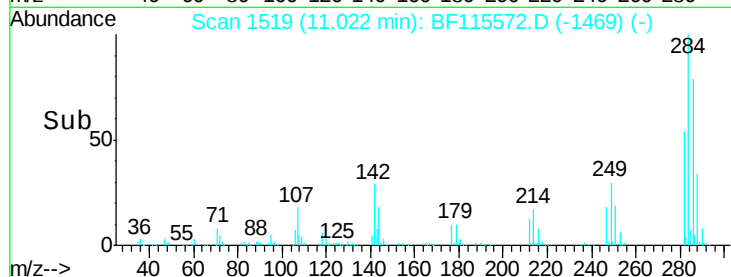
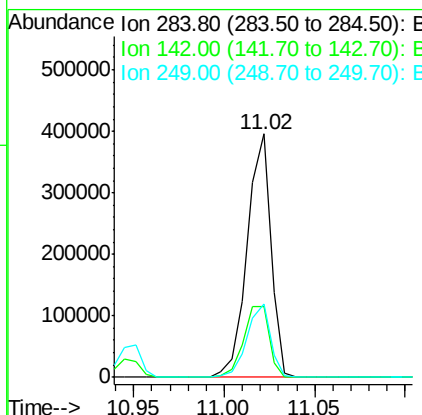
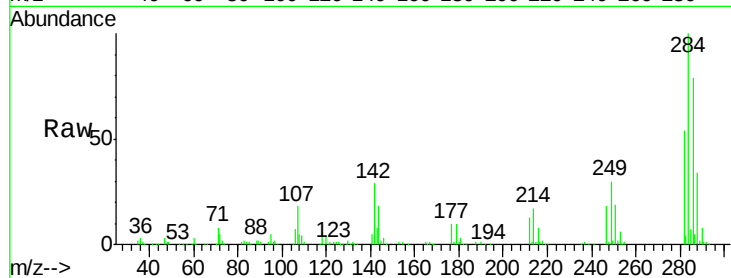




#68
Hexachlorobenzene
Concen: 32.138 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

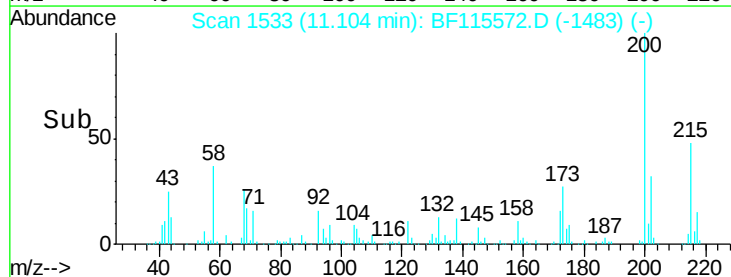
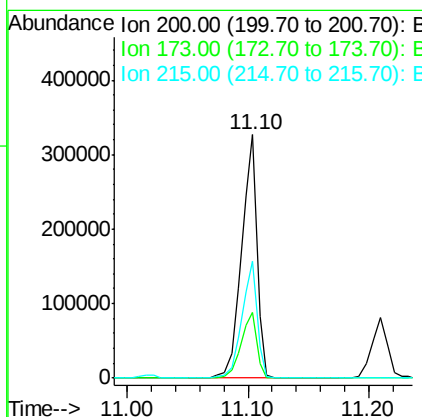
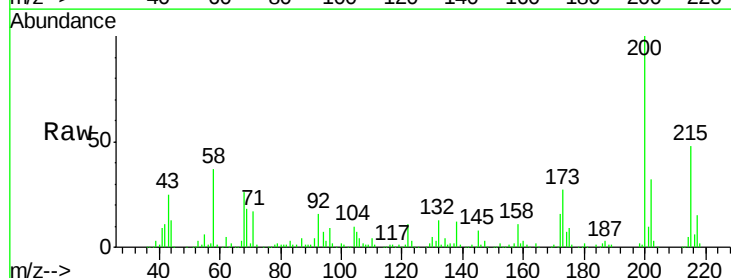
Instrument :
BNA_F
ClientSampled :

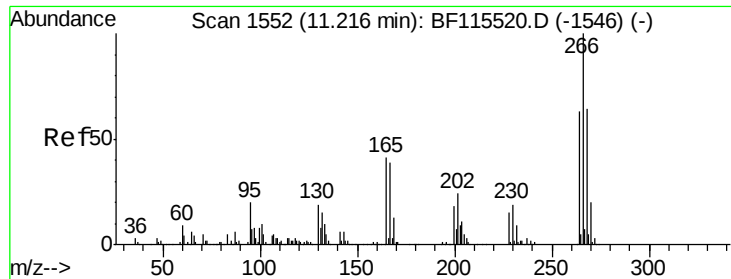
Tot Ion:284 Resp: 361397
Ion Ratio Lower Upper
284 100
142 29.0 22.2 33.2
249 29.9 23.4 35.2



#69
Atrazine
Concen: 33.285 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:200 Resp: 292674
Ion Ratio Lower Upper
200 100
173 27.0 6.9 46.9
215 48.2 27.9 67.9

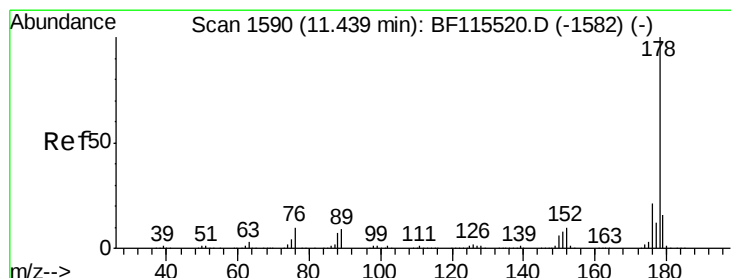
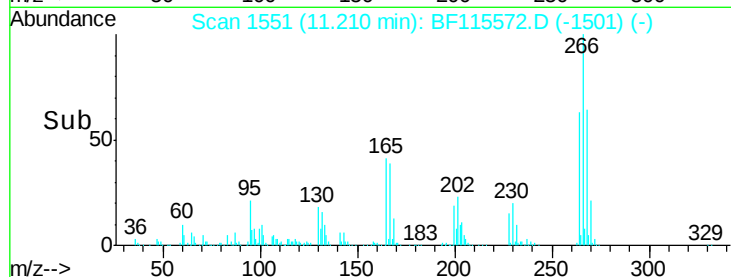
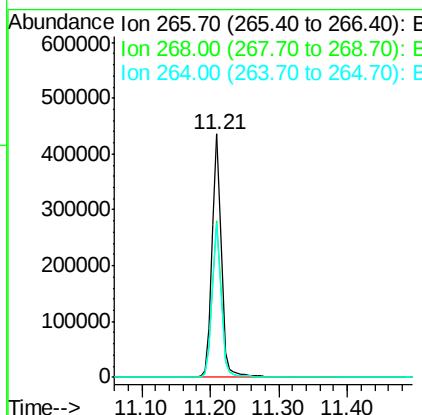
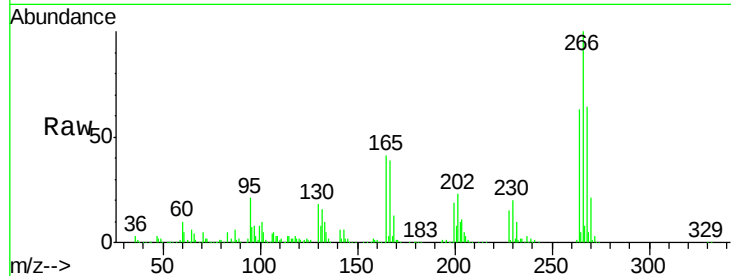




#70
 Pentachlorophenol
 Concen: 61.696 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

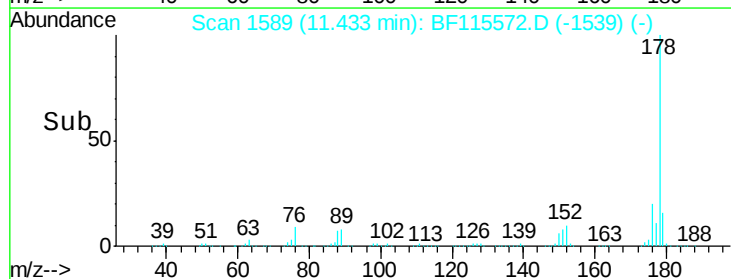
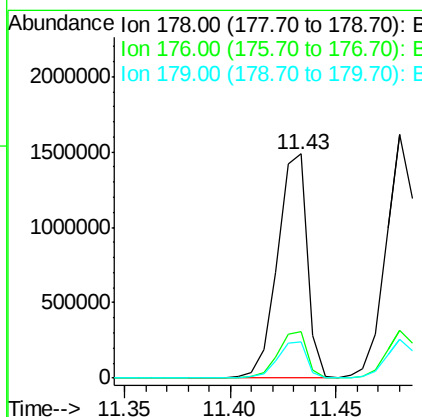
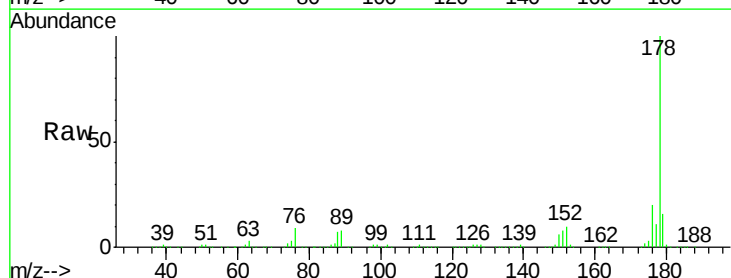
Instrument :
 BNA_F
 ClientSampled :

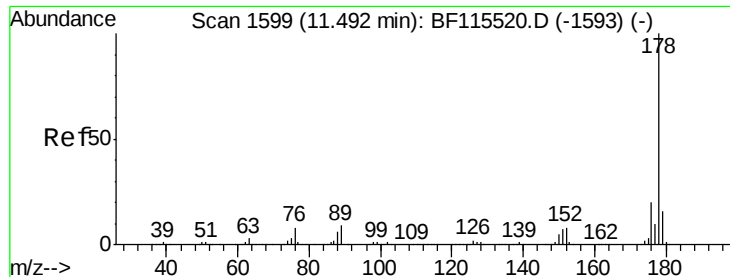
Tot Ion:266 Resp: 424334
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.6 77.4
 264 63.4 50.6 76.0



#71
 Phenanthrene
 Concen: 33.177 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:178 Resp: 1465377
 Ion Ratio Lower Upper
 178 100
 176 20.5 17.2 25.8
 179 16.0 13.5 20.3

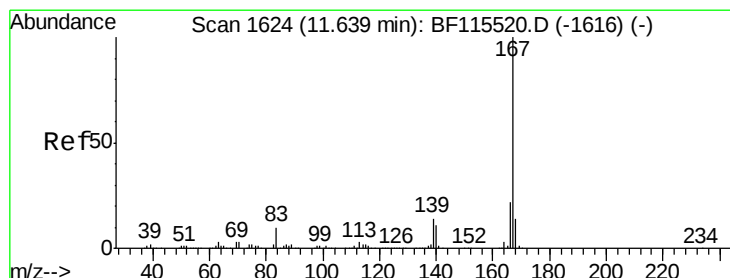
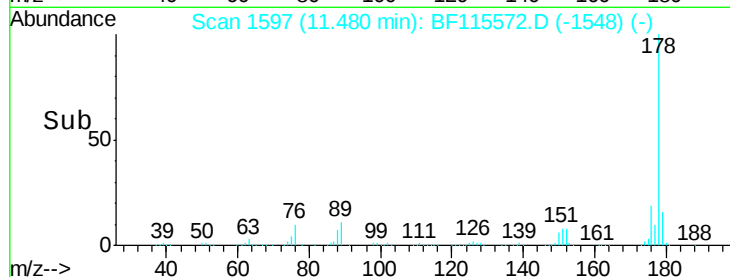
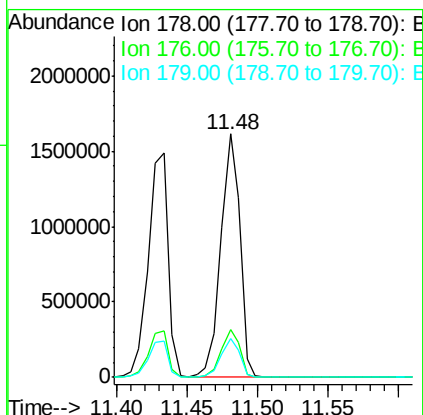
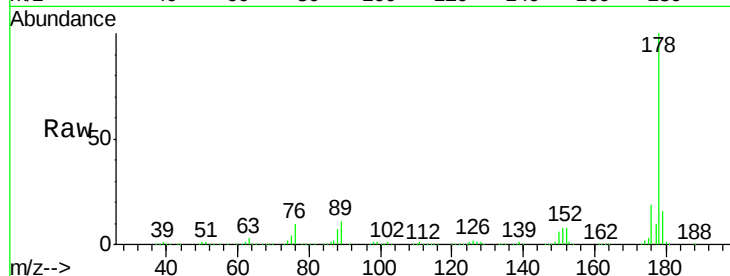




#72
 Anthracene
 Concen: 33.259 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

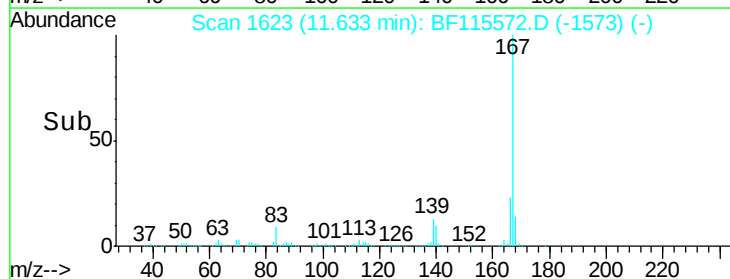
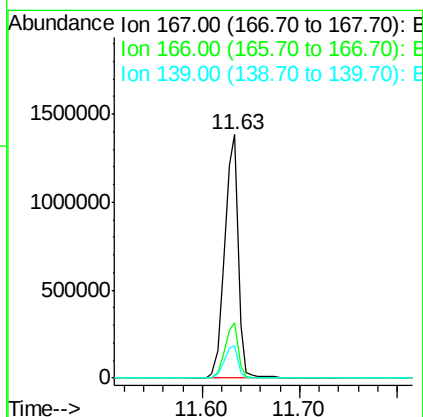
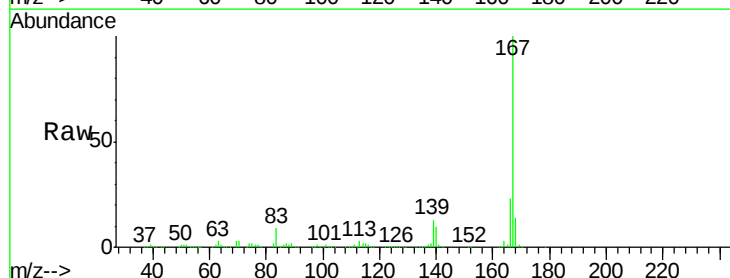
Instrument :
 BNA_F
 ClientSampleId :

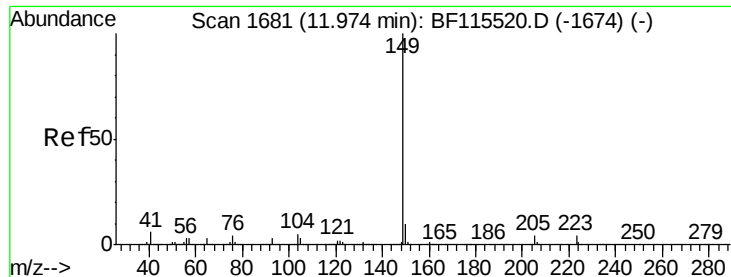
Tot Ion:178 Resp: 1518156
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 16.0 12.7 19.1



#73
 Carbazole
 Concen: 33.459 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:167 Resp: 1339307
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.3 11.3 16.9





#74

Di-n-butylphthalate

Concen: 32.285 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

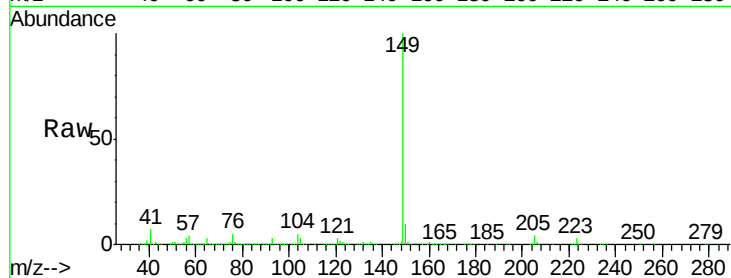
Tot Ion:149 Resp: 1591864

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

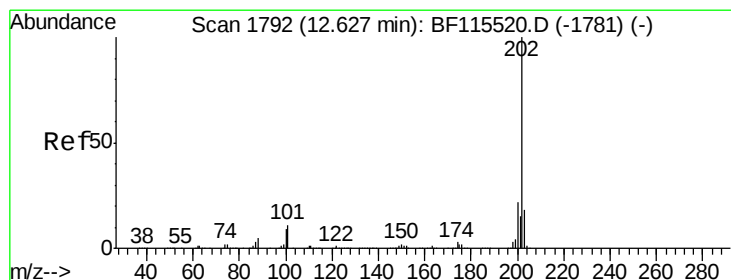
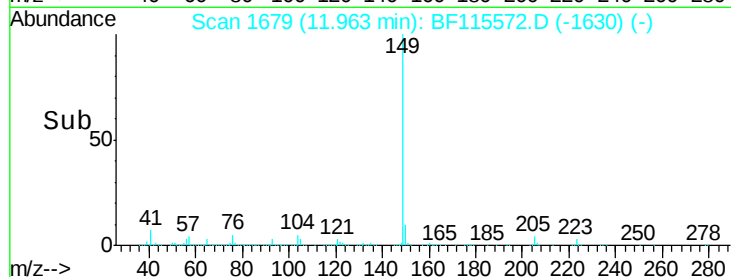
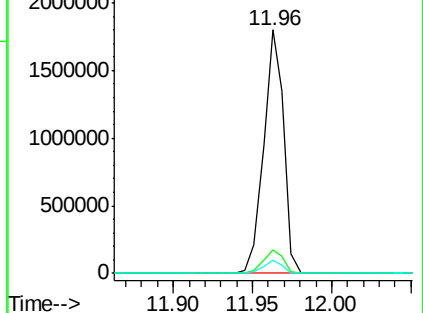
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 33.178 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

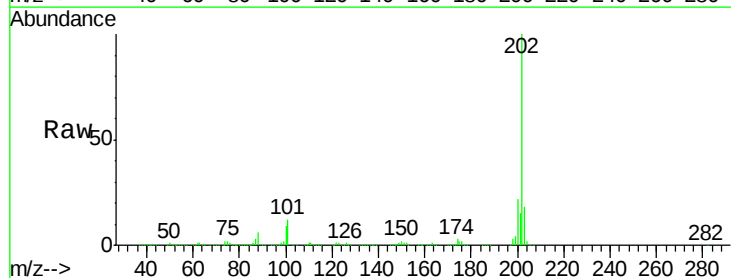
Tgt Ion:202 Resp: 1548588

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.4

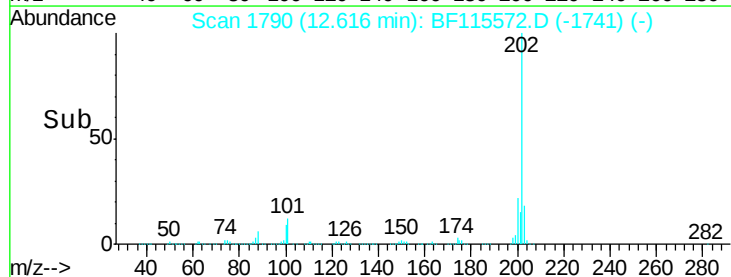
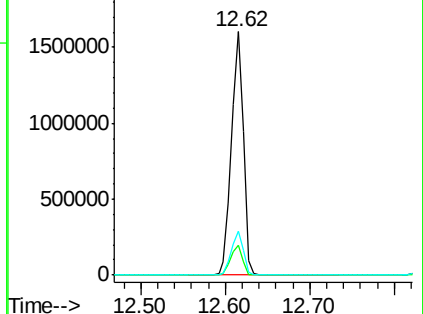
203 18.2 0.0 38.1

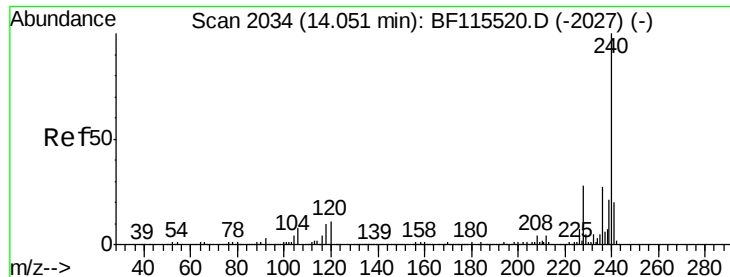


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

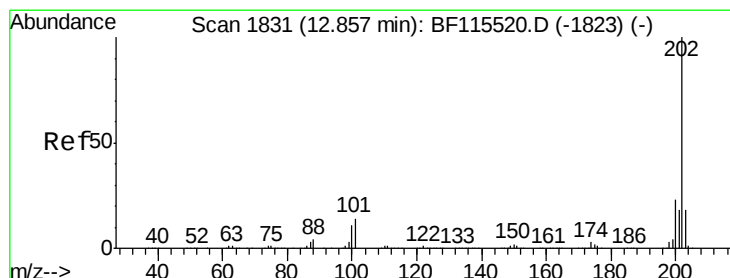
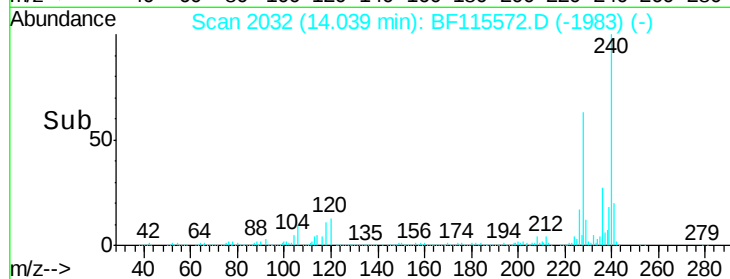
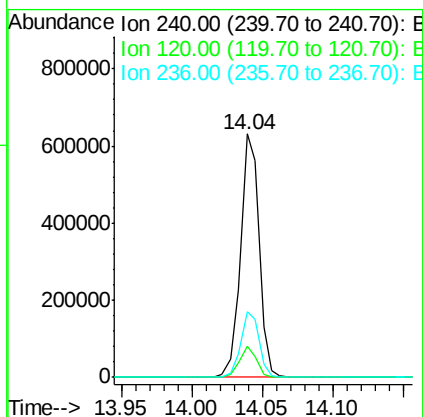
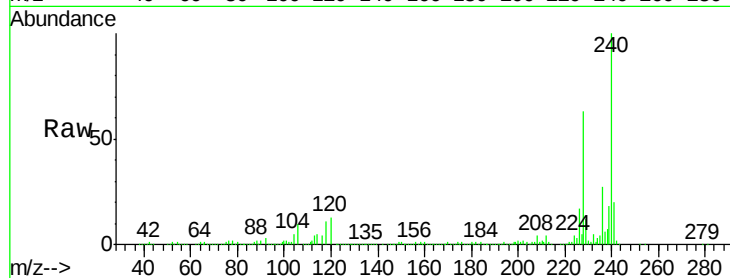




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

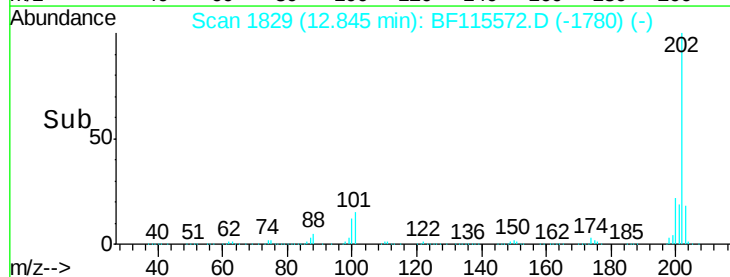
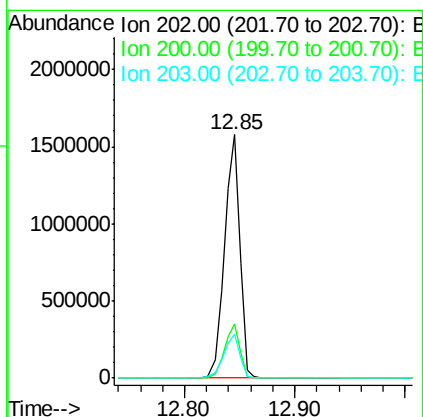
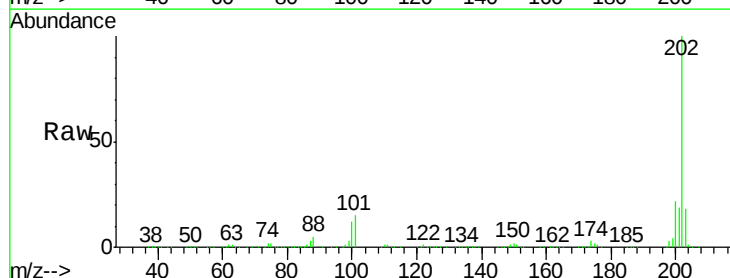
Instrument :
BNA_F
ClientSampleId :

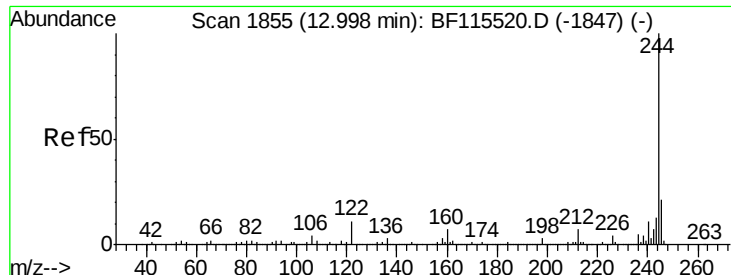
Tot Ion:240 Resp: 578433
Ion Ratio Lower Upper
240 100
120 12.9 8.6 13.0
236 26.9 21.3 31.9



#78
Pyrene
Concen: 31.204 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:202 Resp: 1529214
Ion Ratio Lower Upper
202 100
200 22.2 18.7 28.1
203 18.3 15.2 22.8





#79

Terphenyl-d14

Concen: 65.796 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

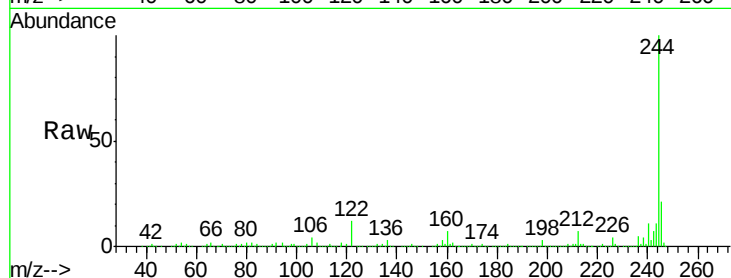
Tot Ion:244 Resp: 2062614

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

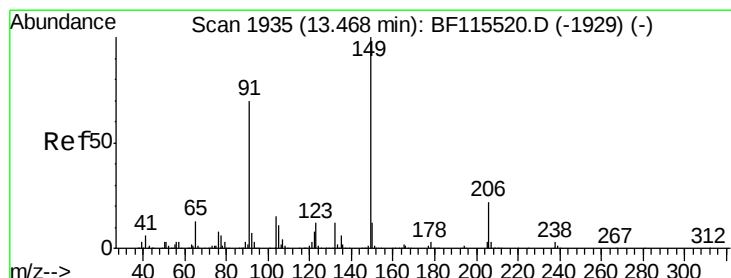
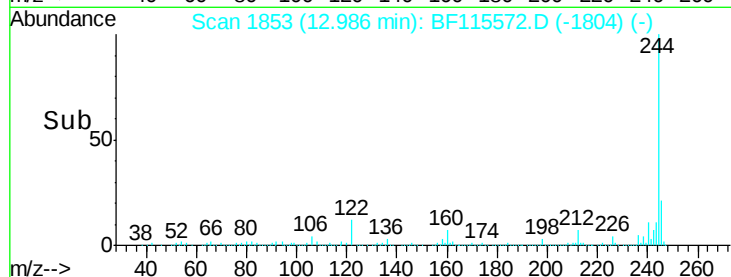
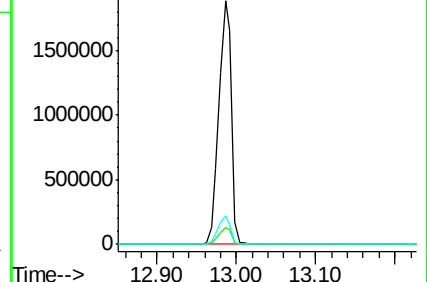
122 11.9 8.6 12.8



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: 31.775 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

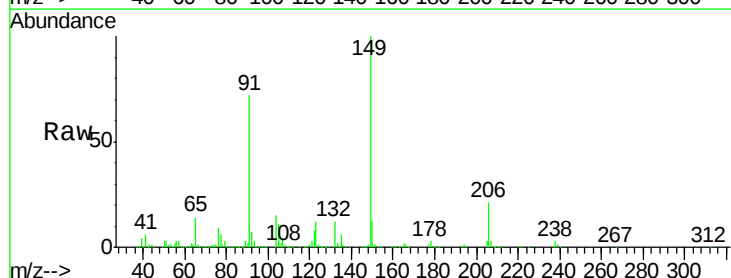
Tgt Ion:149 Resp: 663834

Ion Ratio Lower Upper

149 100

91 72.4 55.8 83.8

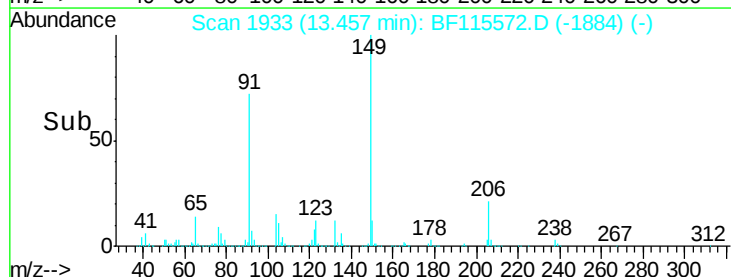
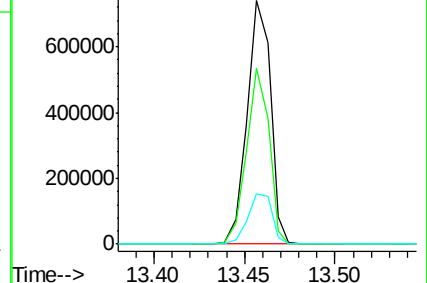
206 20.8 18.2 27.2

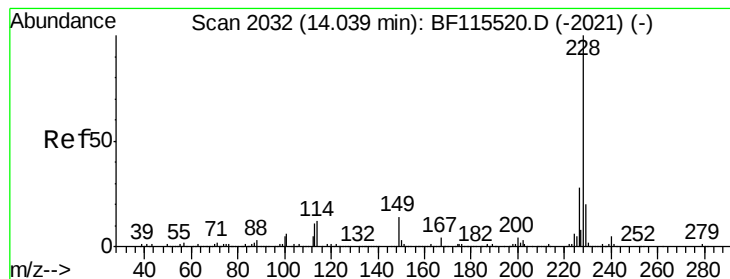


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.624 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

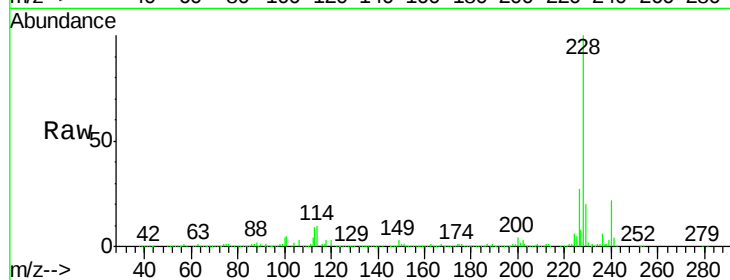
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1205097

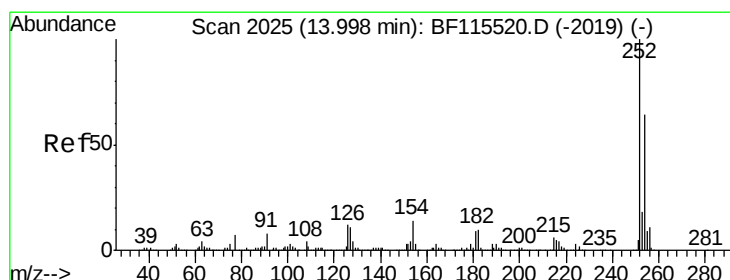
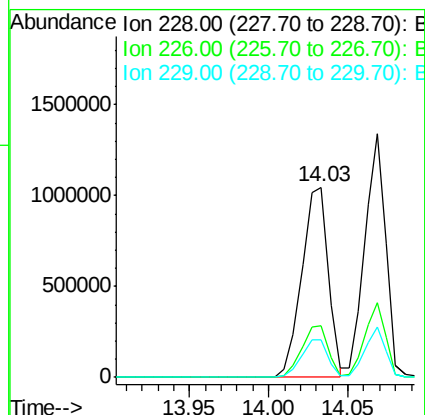
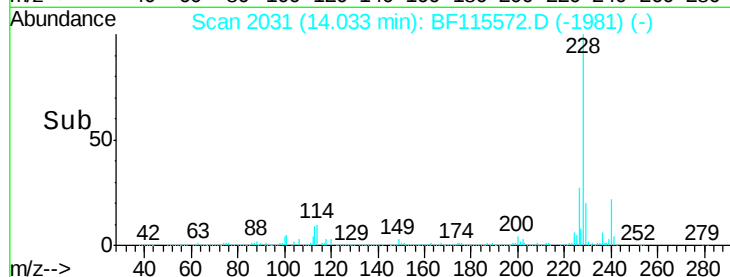
Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.4	35.0
229	19.9	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.985 ng

RT: 13.99 min Scan# 2023

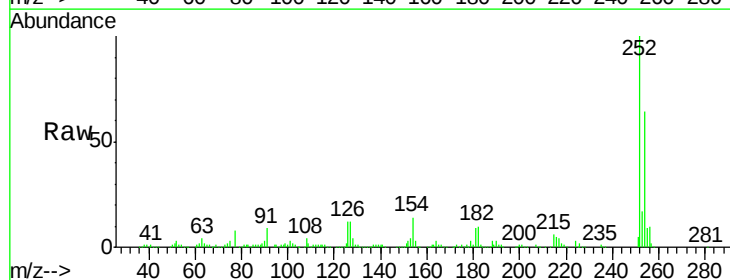
Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Tgt Ion:252 Resp: 311371

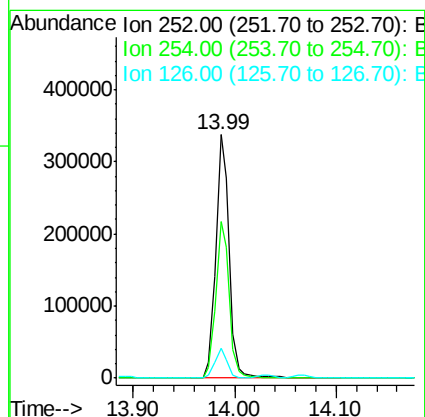
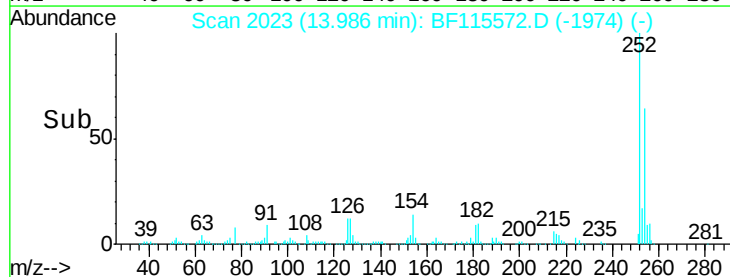
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.9	79.3
126	12.2	9.9	14.9

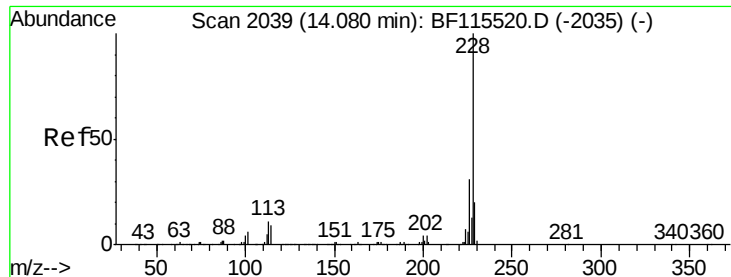


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 32.740 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

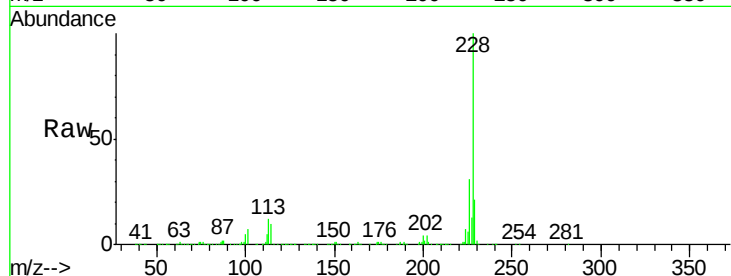
Tot Ion:228 Resp: 1252444

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

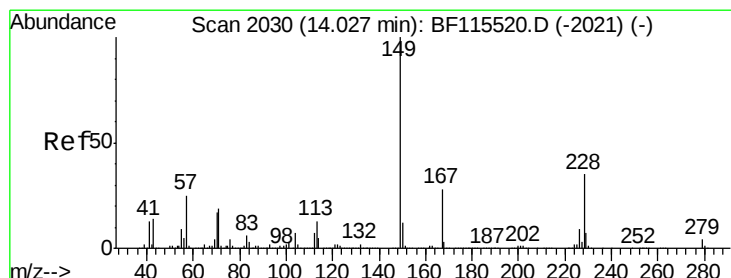
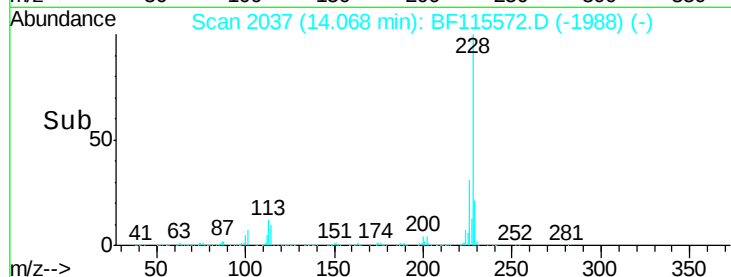
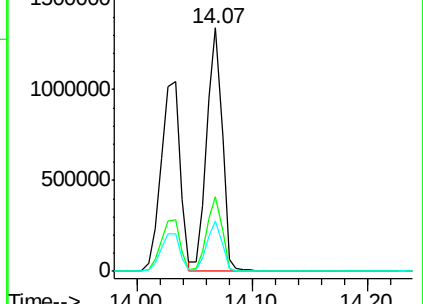
229 20.8 16.6 25.0



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: 32.132 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

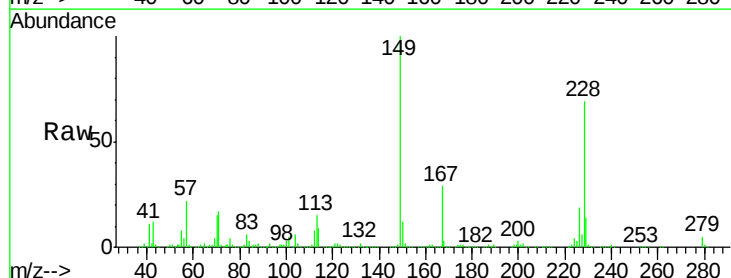
Tgt Ion:149 Resp: 831493

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

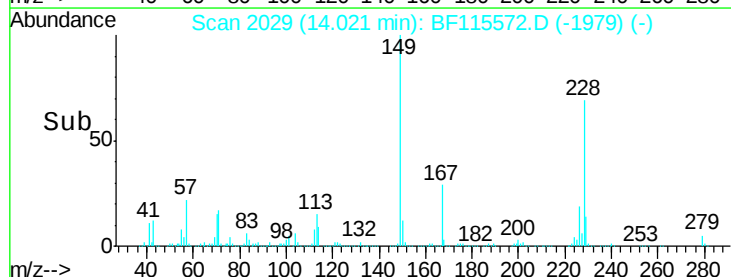
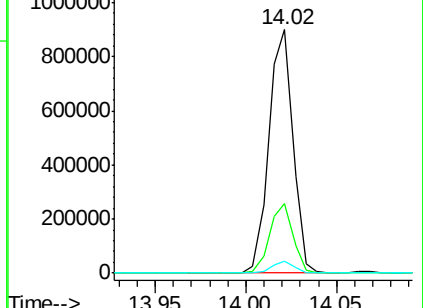
279 4.8 4.2 6.2

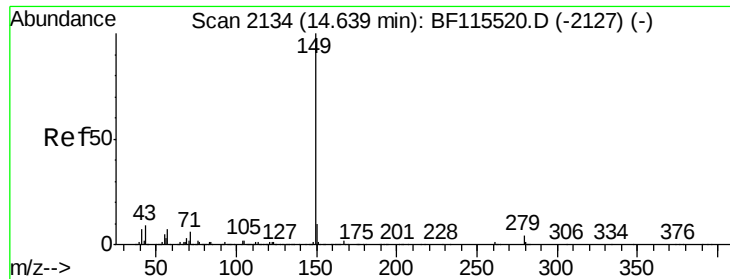


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

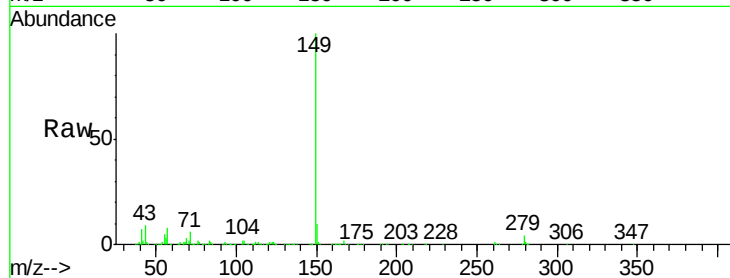




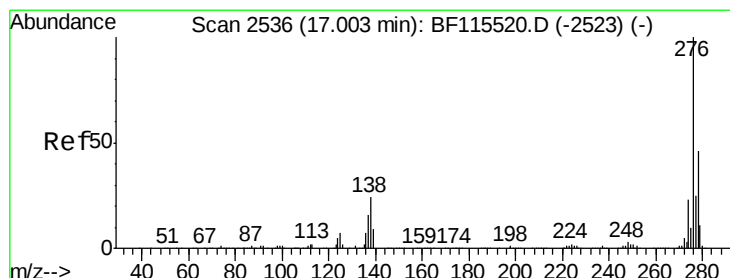
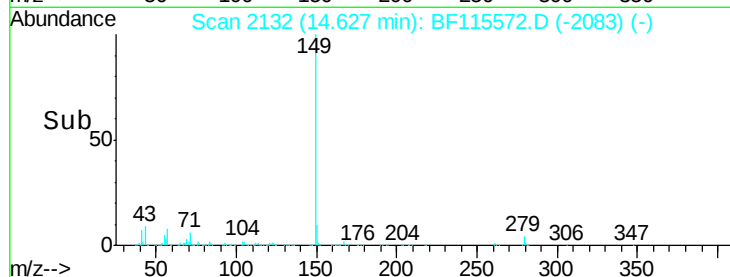
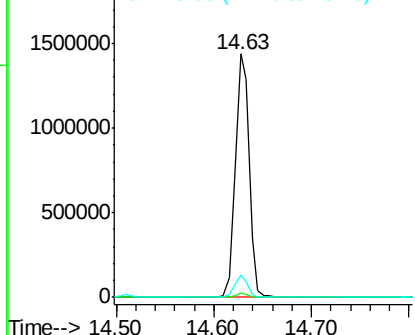
#85
Di-n-octyl phthalate
Concen: 34.098 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1403956
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.3 7.2 10.8

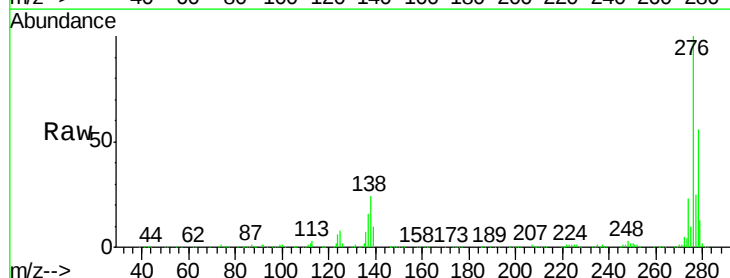


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

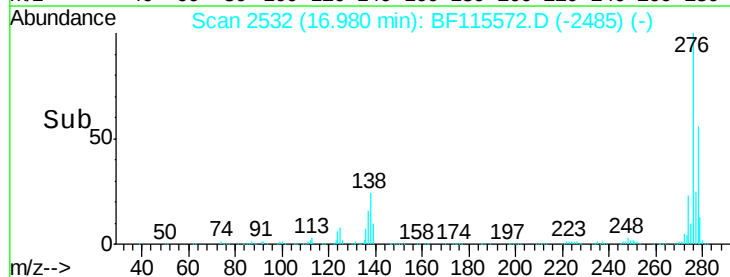
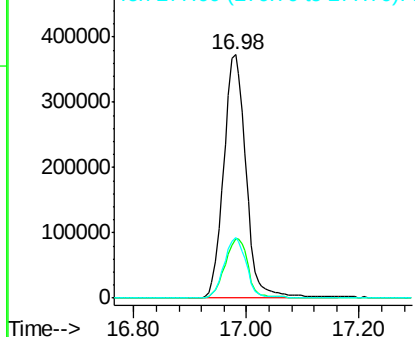


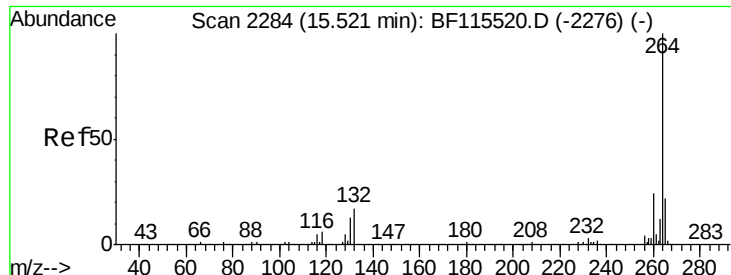
#86
Indeno(1,2,3-cd)pyrene
Concen: 31.869 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:276 Resp: 1035744
Ion Ratio Lower Upper
276 100
138 25.5 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



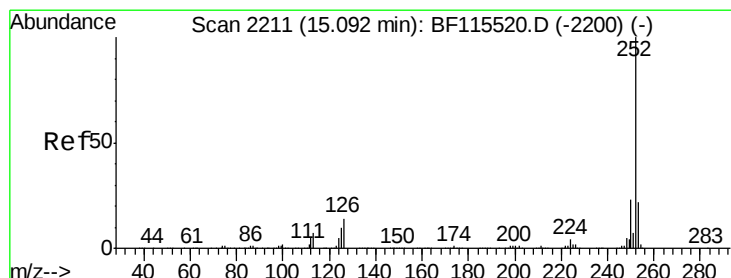
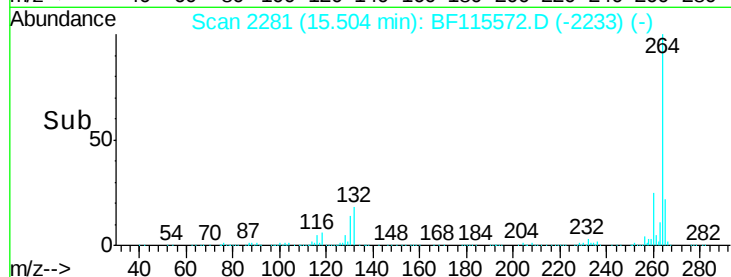
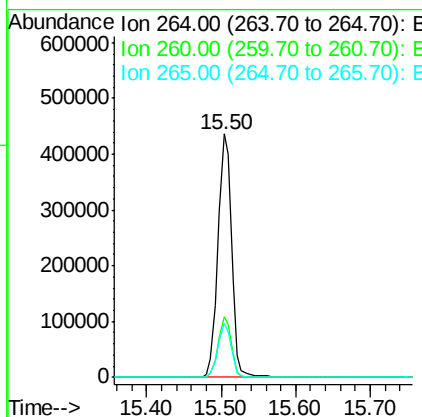
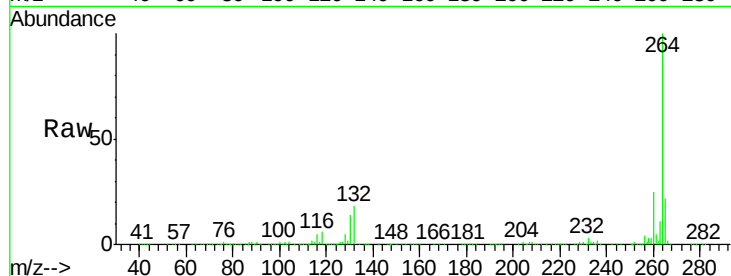


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 552234

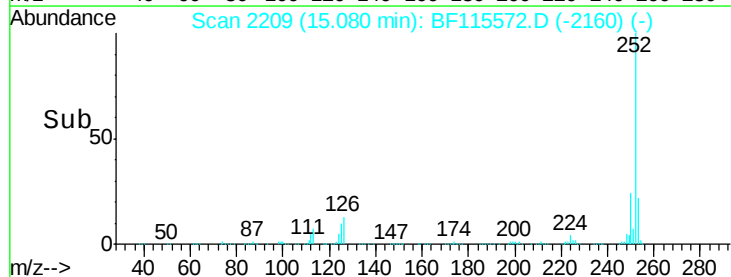
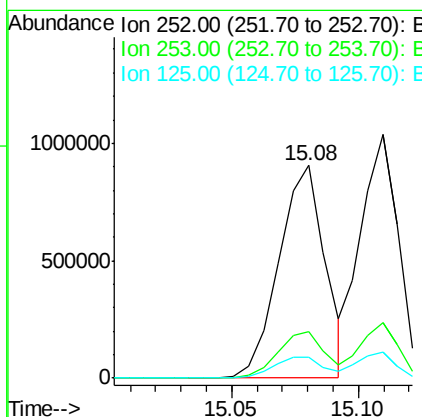
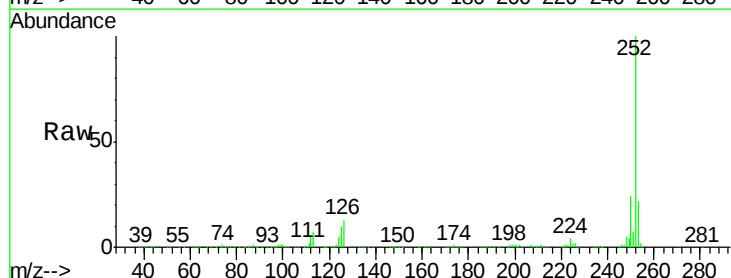
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	22.2	17.7	26.5

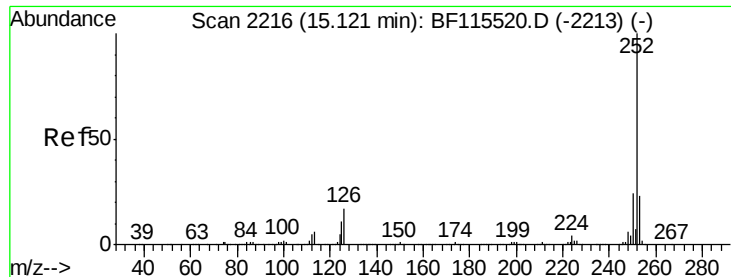


#88
Benzo(b)fluoranthene
Concen: 32.230 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:252 Resp: 1146074

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.8	9.0	13.4

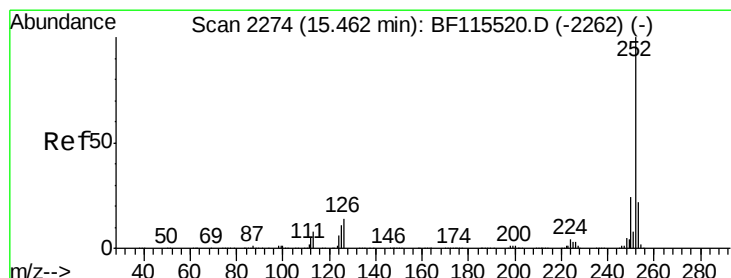
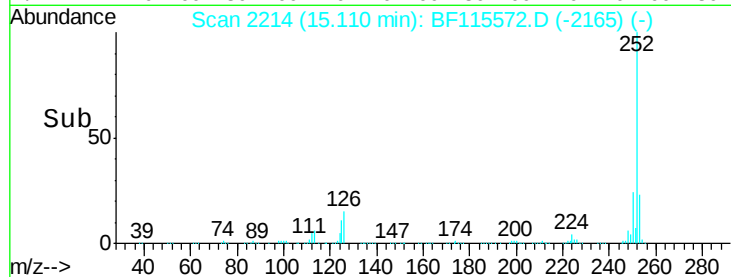
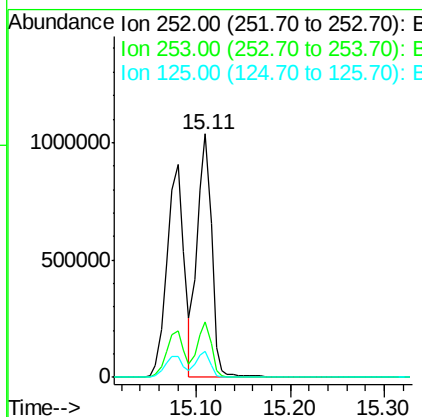
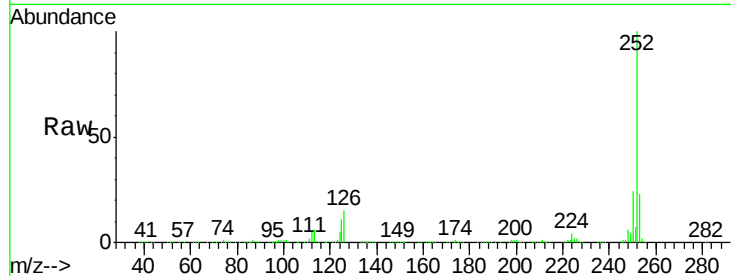




#89
Benzo(k)fluoranthene
Concen: 34.818 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

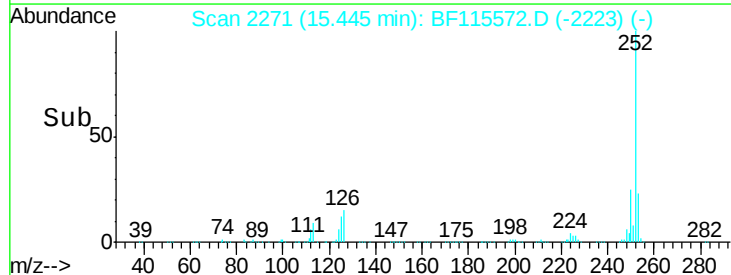
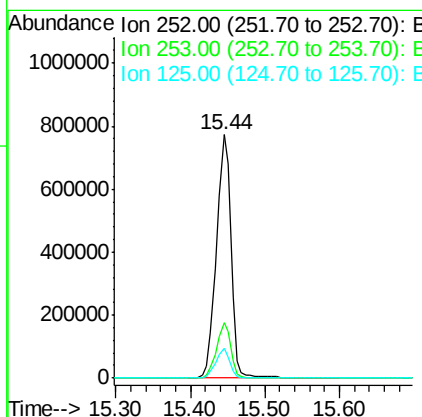
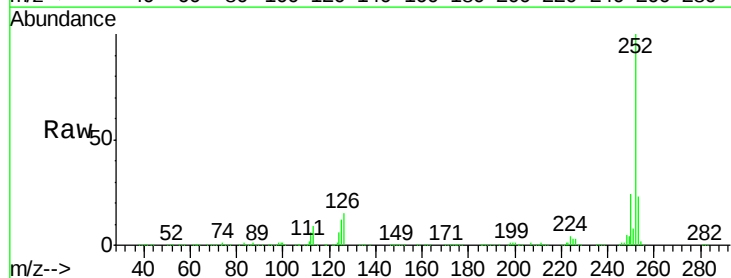
Instrument :
BNA_F
ClientSampled :

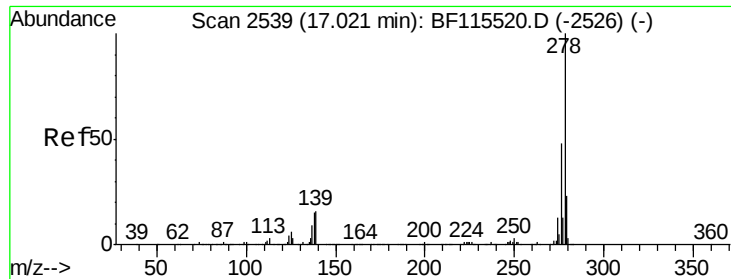
Tot Ion:252 Resp: 1103842
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 10.6 9.0 13.6



#90
Benzo(a)pyrene
Concen: 34.002 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:252 Resp: 1039200
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 12.4 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 32.771 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

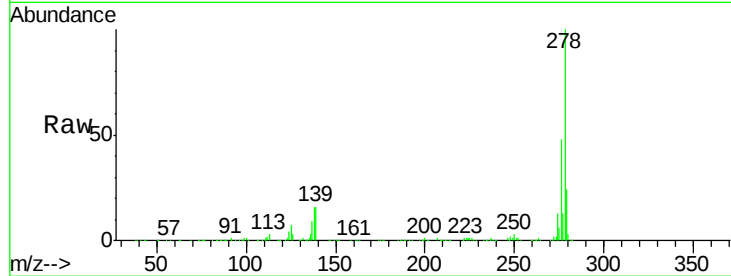
Tot Ion:278 Resp: 879293

Ion Ratio Lower Upper

278 100

139 15.6 13.1 19.7

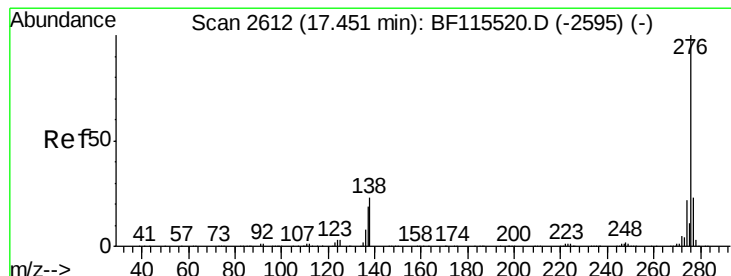
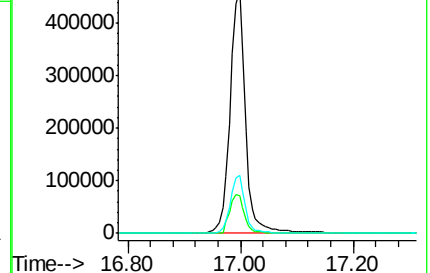
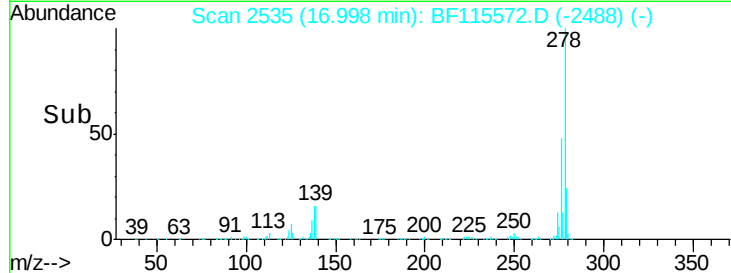
279 24.0 19.6 29.4



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: 30.160 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.03 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

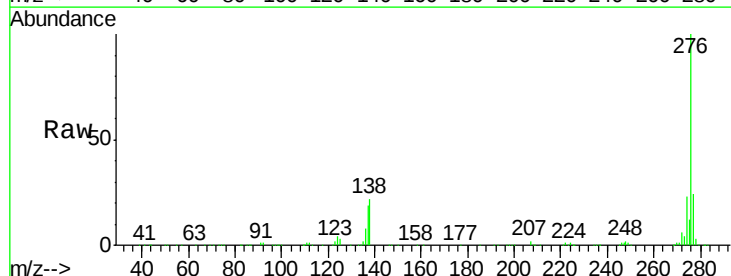
Tgt Ion:276 Resp: 807075

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 22.4 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

