

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115555.D
 Acq On : 15 Jul 2019 10:24
 Operator : HP/JU
 Sample : PB121261BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:35:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	274534	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1063632	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	528331	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	976777	20.00	ng	0.00
76) Chrysene-d12	14.04	240	607224	20.00	ng	0.00
87) Perylene-d12	15.51	264	495920	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	2064370	123.00	ng	0.02
7) Phenol-d6	6.53	99	2603152	122.23	ng	0.01
23) Nitrobenzene-d5	7.45	82	1687961	92.28	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	815669	132.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2899187	96.05	ng	0.00
79) Terphenyl-d14	12.99	244	2772459	84.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	224273	26.788	ng	100
3) Pyridine	3.58	79	576036	25.360	ng	98
4) n-Nitrosodimethylamine	3.51	42	224236	27.212	ng	96
6) Aniline	6.55	93	596082	20.113	ng	99
8) 2-Chlorophenol	6.68	128	538581	27.911	ng	93
9) Benzaldehyde	6.43	77	374869	28.168	ng	96
10) Phenol	6.54	94	656849	26.569	ng	90
11) bis(2-Chloroethyl)ether	6.62	93	525172	27.901	ng	99
12) 1,3-Dichlorobenzene	6.83	146	601030	27.703	ng	99
13) 1,4-Dichlorobenzene	6.90	146	609977	28.179	ng	96
14) 1,2-Dichlorobenzene	7.06	146	550160	27.803	ng	97
15) Benzyl Alcohol	7.02	79	504360	29.854	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	689417	27.821	ng	97
17) 2-Methylphenol	7.13	107	487317	29.304	ng	99
18) Hexachloroethane	7.40	117	226107	28.141	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	392506	28.259	ng	98
20) 3+4-Methylphenols	7.29	107	568872	28.799	ng	95
22) Acetophenone	7.29	105	779585	32.443	ng	97
24) Nitrobenzene	7.46	77	601655	30.495	ng	95
25) Isophorone	7.70	82	1111039	30.354	ng	99
26) 2-Nitrophenol	7.78	139	317337	31.249	ng	98
27) 2,4-Dimethylphenol	7.82	122	542459	35.701	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	684637	30.489	ng	99
29) 2,4-Dichlorophenol	8.02	162	500531	31.674	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	547552	30.654	ng	98
31) Naphthalene	8.19	128	1625591	31.558	ng	98
32) Benzoic acid	7.95	122	369246	29.611	ng	98
33) 4-Chloroaniline	8.23	127	407512	17.860	ng	98
34) Hexachlorobutadiene	8.31	225	310596	30.321	ng	98
35) Caprolactam	8.61	113	94160	19.283	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	519055	31.665	ng	99
37) 2-Methylnaphthalene	8.88	142	1096936	32.125	ng	98
38) 1-Methylnaphthalene	8.98	142	1033628	31.870	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	500901	31.484	ng	98

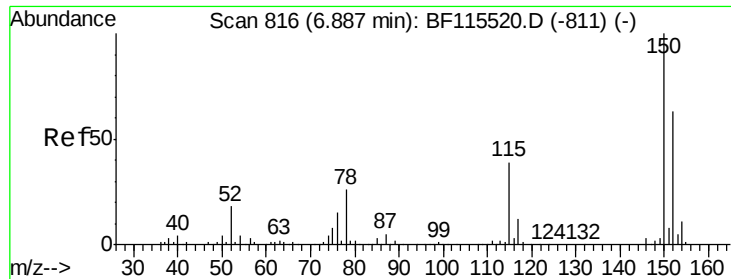
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
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 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	530652	58.470	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	376531	32.362	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	361941	30.376	ng	99
46) 1,1'-Biphenyl	9.35	154	1323413	32.041	ng	99
47) 2-Chloronaphthalene	9.37	162	1058851	30.788	ng	98
48) 2-Nitroaniline	9.46	65	313652	29.465	ng	99
49) Acenaphthylene	9.79	152	1576808	30.942	ng	99
50) Dimethylphthalate	9.65	163	1214107	30.544	ng	99
51) 2,6-Dinitrotoluene	9.70	165	284048	31.444	ng	90
52) Acenaphthene	9.96	154	1106400	33.628	ng	99
53) 3-Nitroaniline	9.87	138	200656	19.438	ng	99
54) 2,4-Dinitrophenol	9.98	184	286082	61.683	ng	93
55) Dibenzofuran	10.13	168	1420891	30.411	ng	99
56) 4-Nitrophenol	10.03	139	453149	57.566	ng	99
57) 2,4-Dinitrotoluene	10.11	165	365067	31.194	ng	90
58) Fluorene	10.47	166	1040855	31.161	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	311223	31.246	ng	99
60) Diethylphthalate	10.35	149	1154931	31.010	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	538818	29.089	ng	98
62) 4-Nitroaniline	10.49	138	283041	28.584	ng	97
63) Azobenzene	10.62	77	1117969	30.947	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	190097	31.854	ng	96
66) n-Nitrosodiphenylamine	10.58	169	974257	32.065	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	342699	30.702	ng	98
68) Hexachlorobenzene	11.02	284	391058	30.678	ng	94
69) Atrazine	11.10	200	318320	31.935	ng	99
70) Pentachlorophenol	11.22	266	460781	59.101	ng	99
71) Phenanthrene	11.43	178	1553679	31.031	ng	98
72) Anthracene	11.49	178	1584823	30.628	ng	99
73) Carbazole	11.63	167	1378220	30.374	ng	100
74) Di-n-butylphthalate	11.97	149	1676867	30.002	ng	100
75) Fluoranthene	12.62	202	1576293	29.792	ng	100
77) Benzidine	12.73	184	532963	24.776	ng	99
78) Pyrene	12.84	202	1600731	31.115	ng	98
80) Butylbenzylphthalate	13.46	149	677470	30.891	ng	97
81) Benzo(a)anthracene	14.03	228	1198489	29.959	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	363559	25.565	ng	99
83) Chrysene	14.07	228	1222603	30.444	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	856850	31.541	ng	# 99
85) Di-n-octyl phthalate	14.63	149	1394463	32.262	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	969647	28.420	ng	99
88) Benzo(b)fluoranthene	15.09	252	1055999	33.069	ng	99
89) Benzo(k)fluoranthene	15.12	252	991556	34.828	ng	98
90) Benzo(a)pyrene	15.45	252	938528	34.195	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	812454	33.719	ng	99
92) Benzo(g,h,i)perylene	17.43	276	755464	31.438	ng	100

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

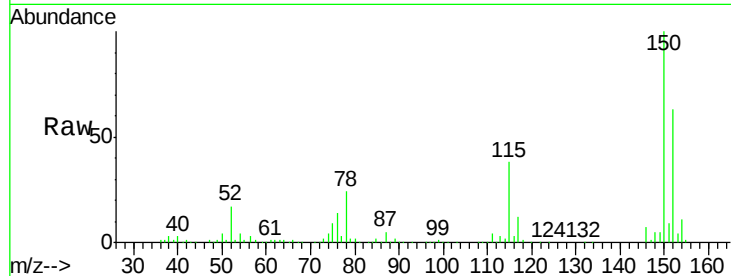


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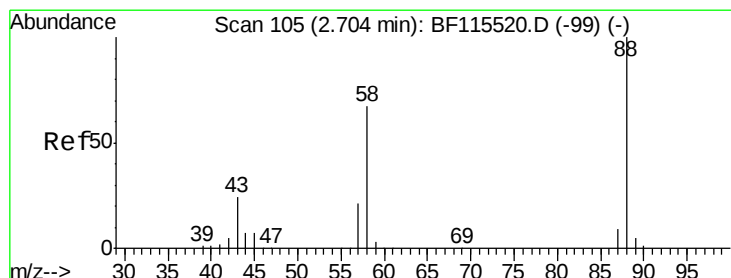
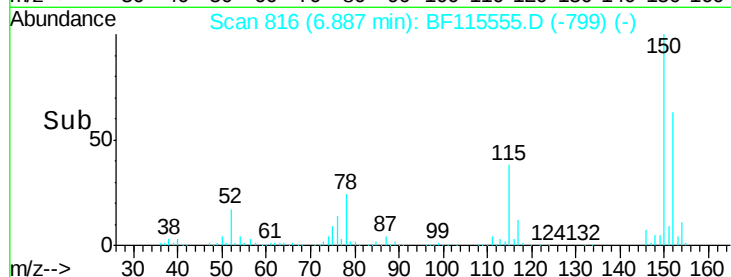
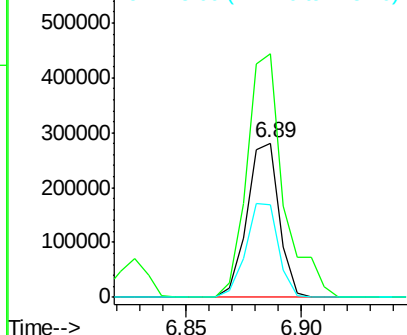
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 274534
Ion Ratio Lower Upper
152 100
150 157.8 129.7 194.5
115 60.1 48.2 72.4



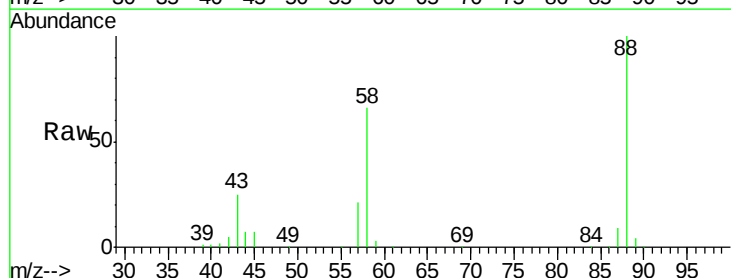
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



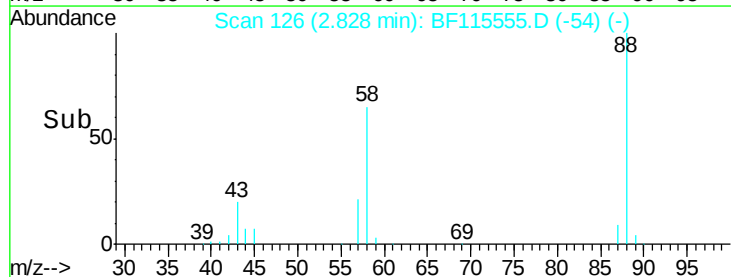
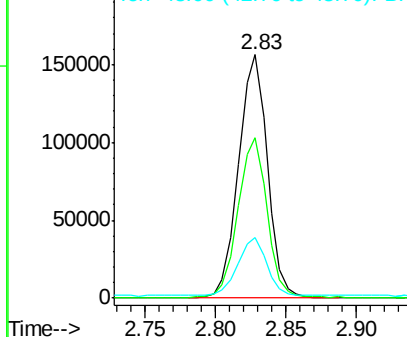
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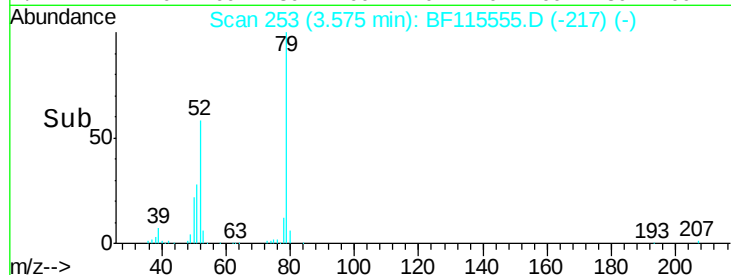
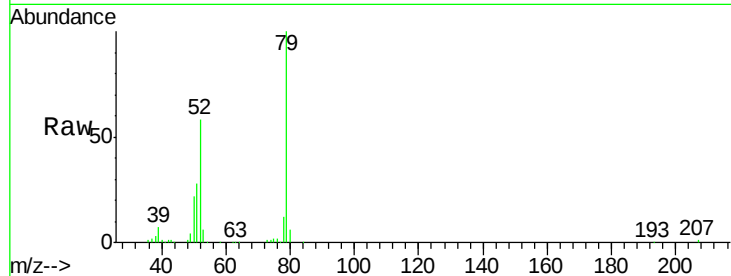
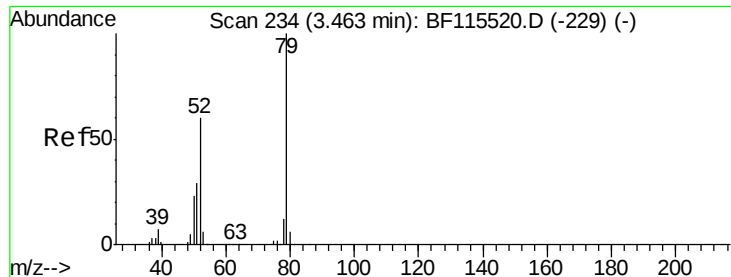
1,4-Dioxane
Concen: 26.788 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.12 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion: 88 Resp: 224273
Ion Ratio Lower Upper
88 100
58 65.9 52.6 79.0
43 24.0 19.1 28.7



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

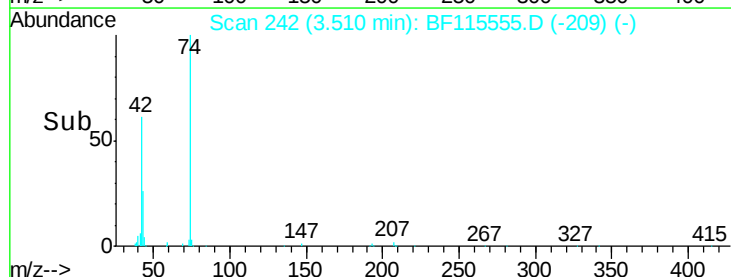
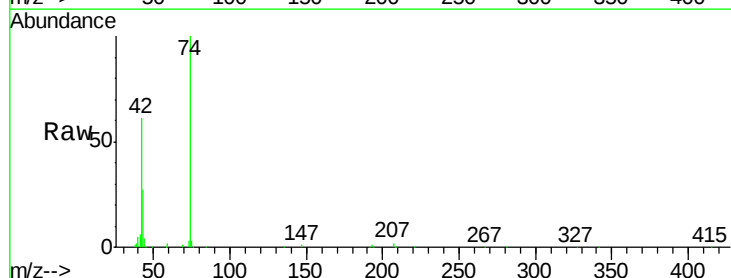
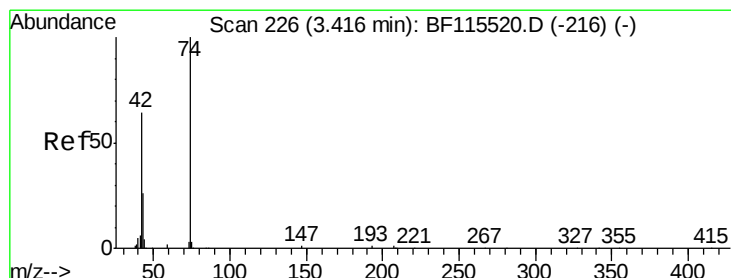
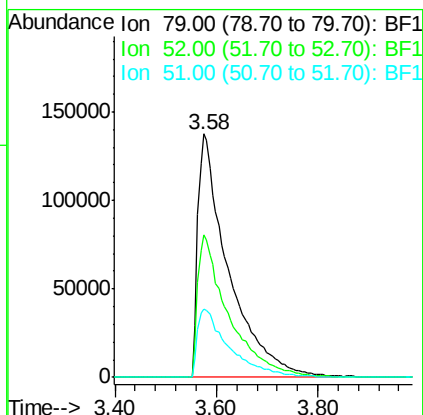




#3
 Pvridine
 Concen: 25.360 ng
 RT: 3.58 min Scan# 253
 Delta R.T. 0.11 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

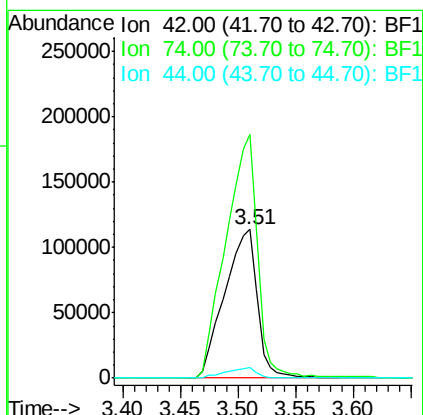
Instrument :
 BNA_F
 ClientSampleId :

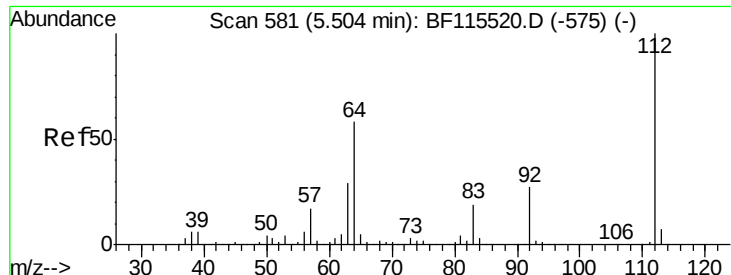
Tot Ion: 79 Resp: 576036
 Ion Ratio Lower Upper
 79 100
 52 58.4 47.8 71.6
 51 28.3 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 27.212 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.09 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion: 42 Resp: 224236
 Ion Ratio Lower Upper
 42 100
 74 164.1 127.5 191.3
 44 6.9 5.0 7.6





#5

2-Fluorophenol

Concen: 122.998 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :
BNA_F
ClientSampleId :

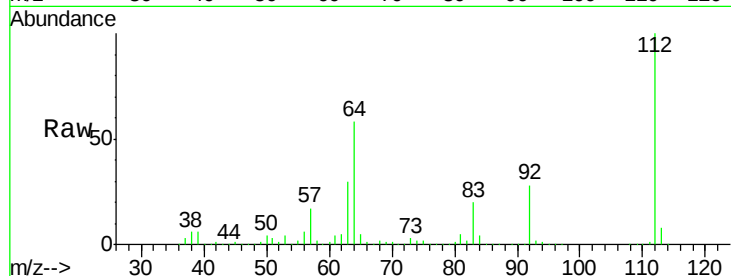
Tot Ion: 112 Resp: 2064370

Ion Ratio Lower Upper

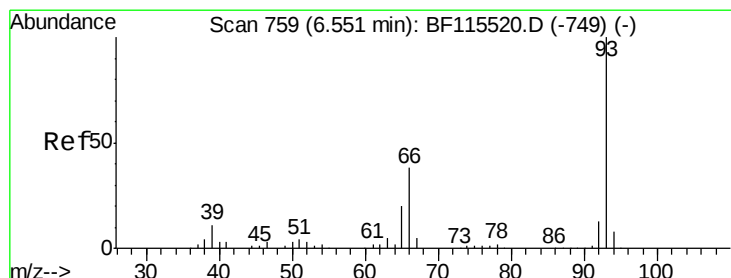
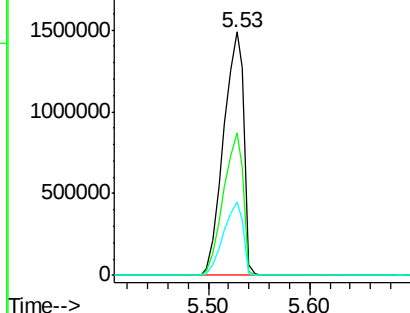
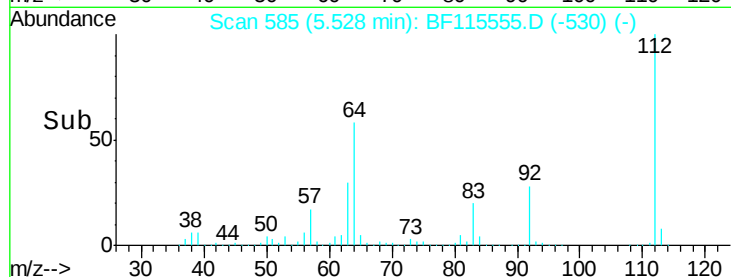
112 100

64 58.4 46.8 70.2

63 30.4 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.113 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

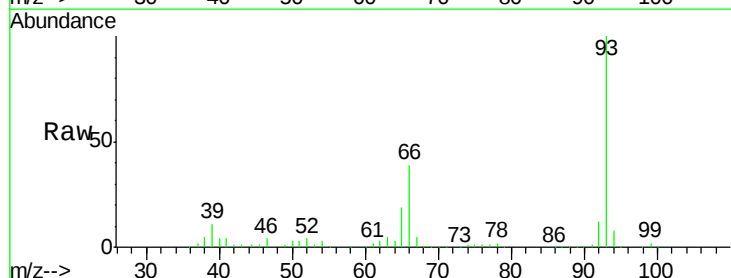
Tgt Ion: 93 Resp: 596082

Ion Ratio Lower Upper

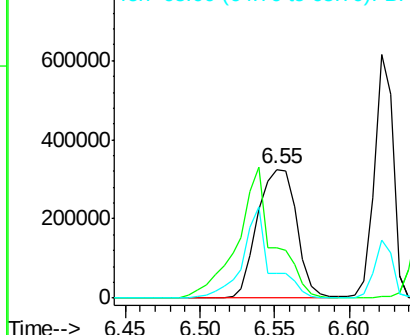
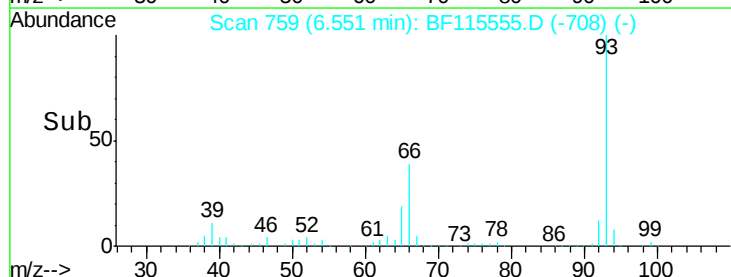
93 100

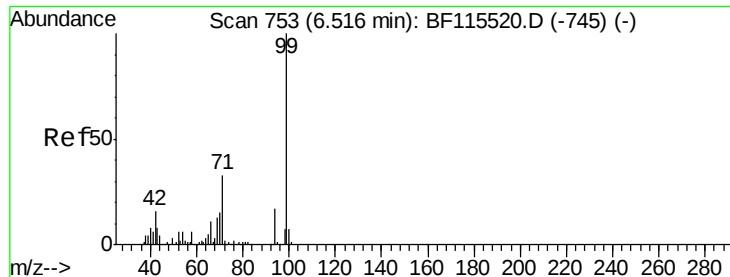
66 39.2 31.7 47.5

65 19.1 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: 122.233 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

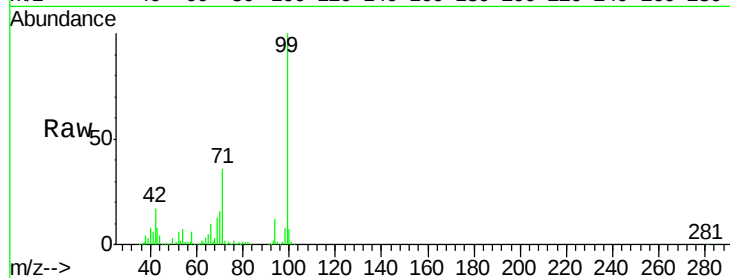
Tot Ion: 99 Resp: 2603152

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

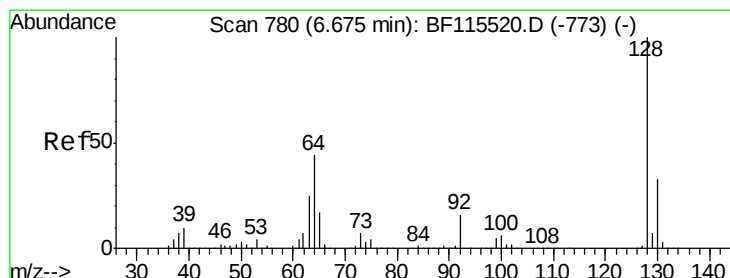
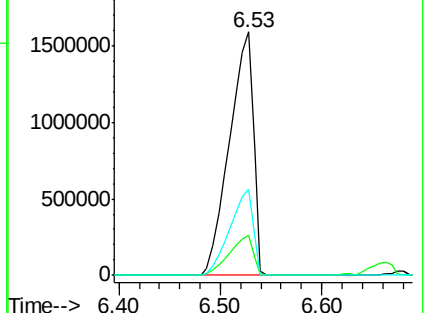
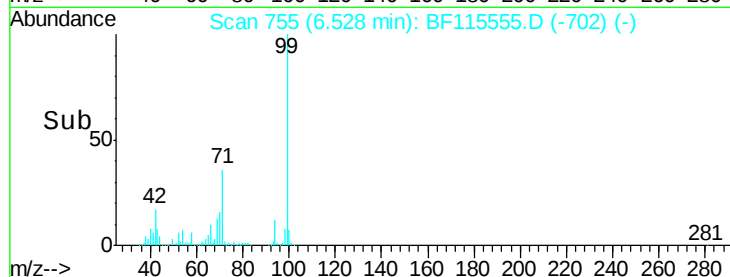
71 35.6 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 27.911 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

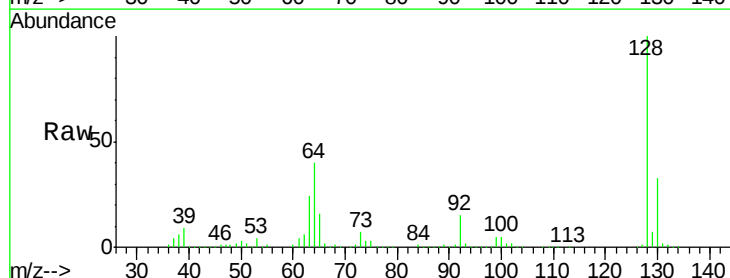
Tgt Ion: 128 Resp: 538581

Ion Ratio Lower Upper

128 100

130 33.3 12.8 52.8

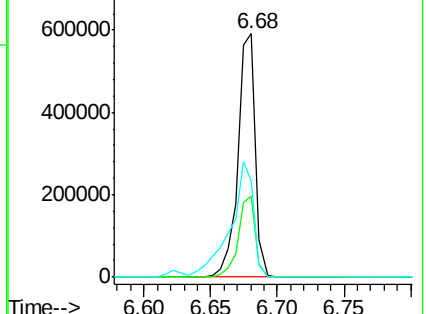
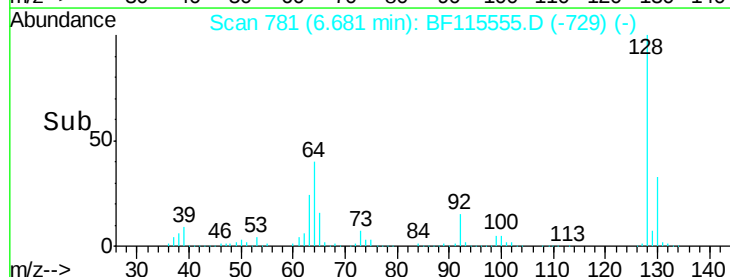
64 39.7 26.8 66.8

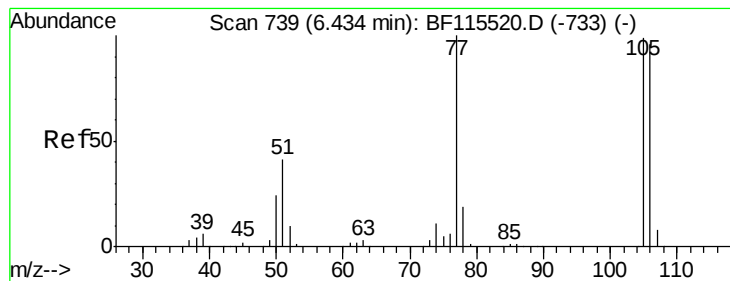


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.168 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

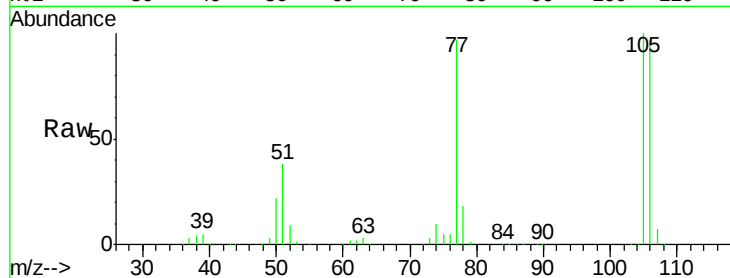
Tot Ion: 77 Resp: 374869

Ion Ratio Lower Upper

77 100

105 103.0 78.8 118.8

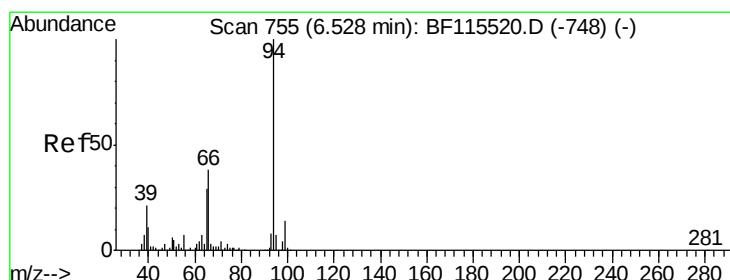
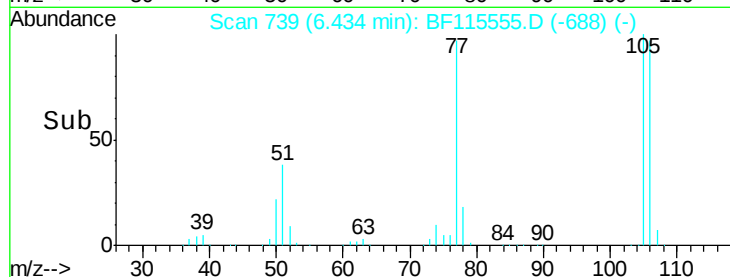
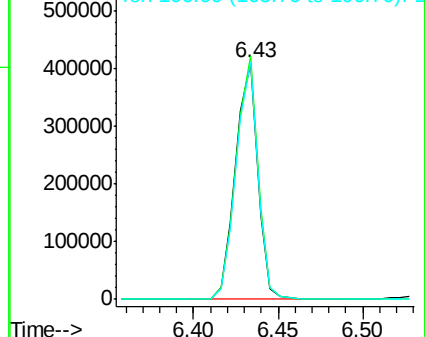
106 100.1 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.569 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

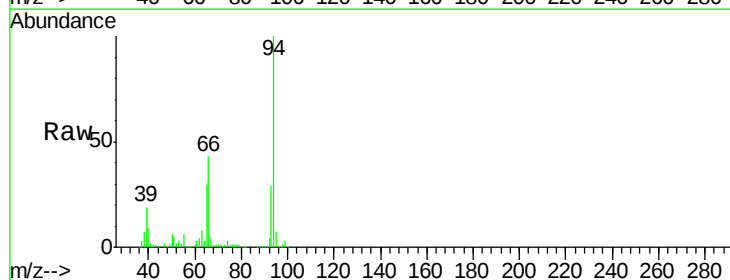
Tgt Ion: 94 Resp: 656849

Ion Ratio Lower Upper

94 100

65 30.1 14.5 54.5

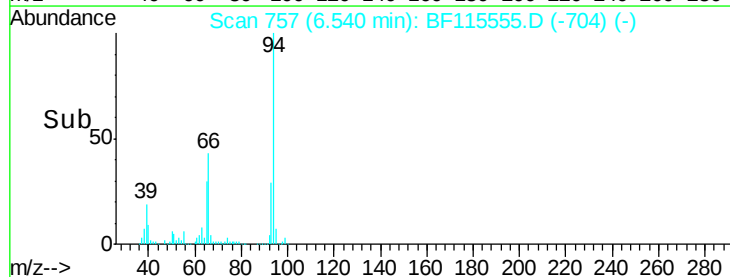
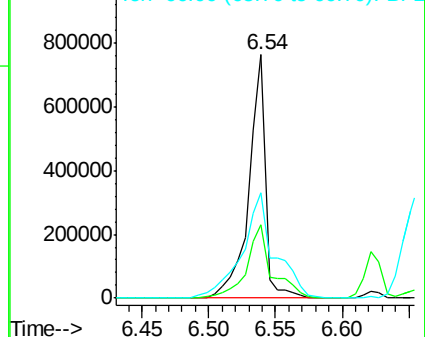
66 43.2 31.3 71.3

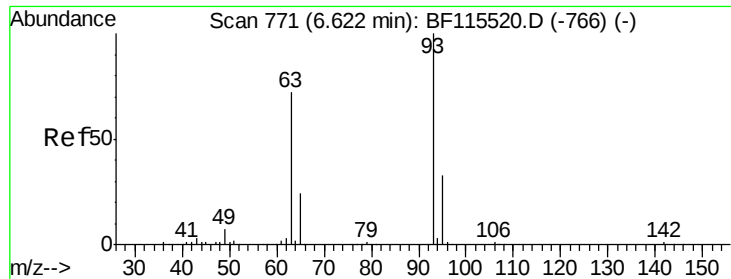


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 27.901 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

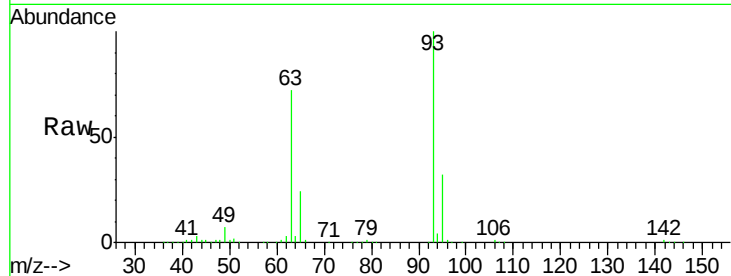
Tot Ion: 93 Resp: 525172

Ion Ratio Lower Upper

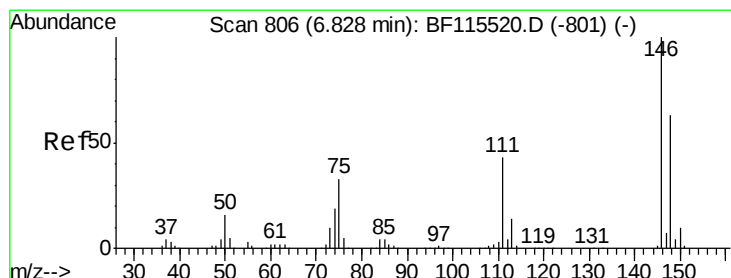
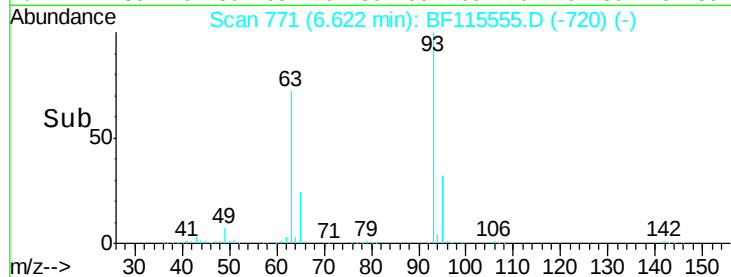
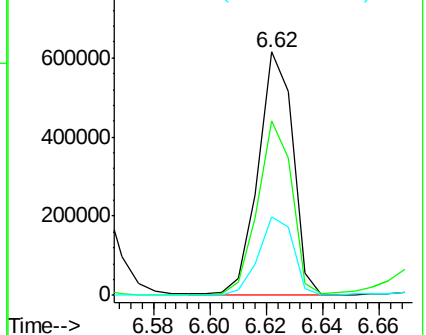
93 100

63 71.7 52.2 92.2

95 32.4 12.9 52.9



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



#12

1,3-Dichlorobenzene

Concen: 27.703 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

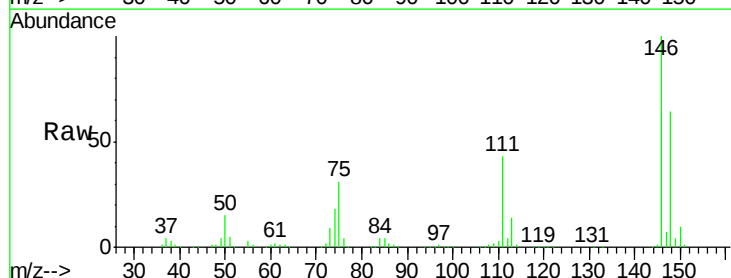
Tgt Ion: 146 Resp: 601030

Ion Ratio Lower Upper

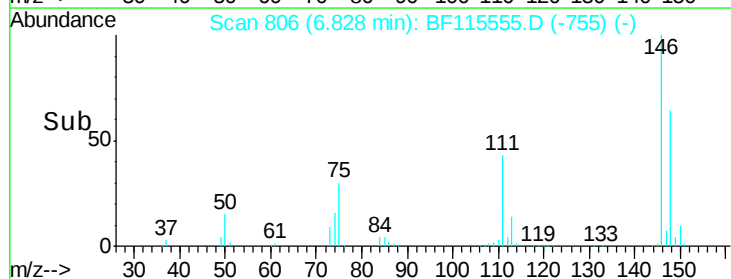
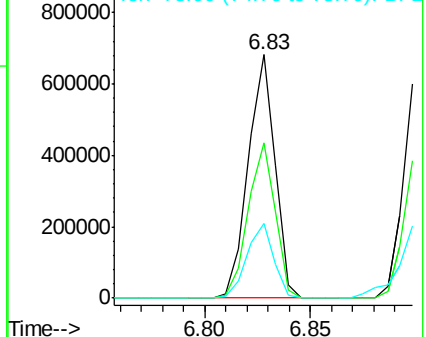
146 100

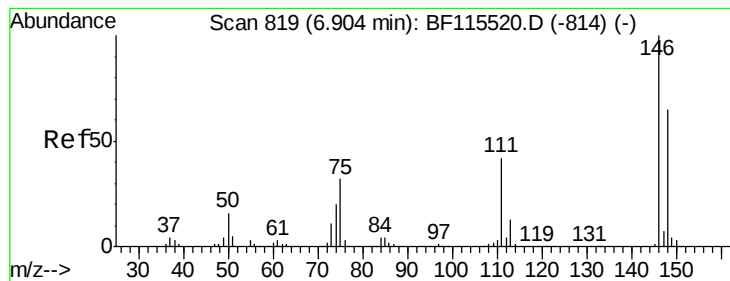
148 64.0 52.1 78.1

75 30.6 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: 28.179 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampled :

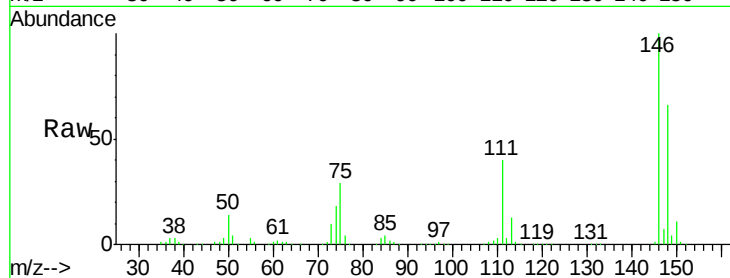
Tot Ion:146 Resp: 609977

Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.6

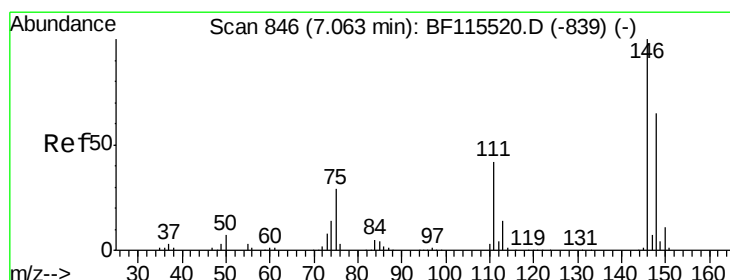
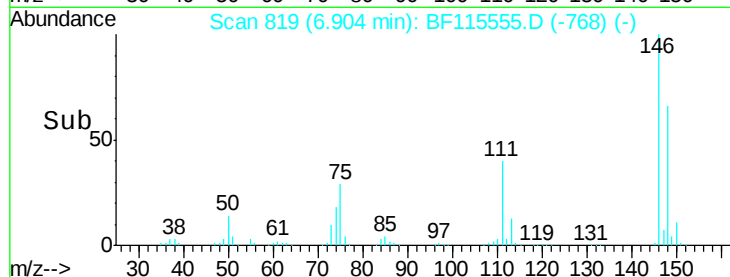
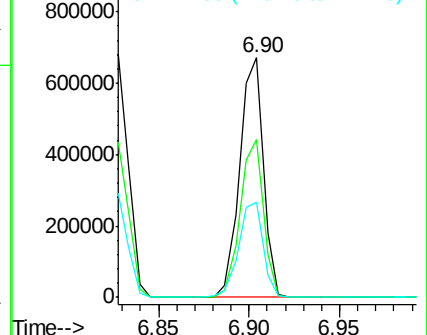
111 39.6 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 27.803 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

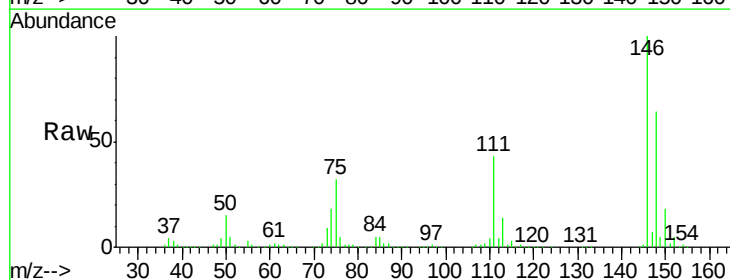
Tgt Ion:146 Resp: 550160

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

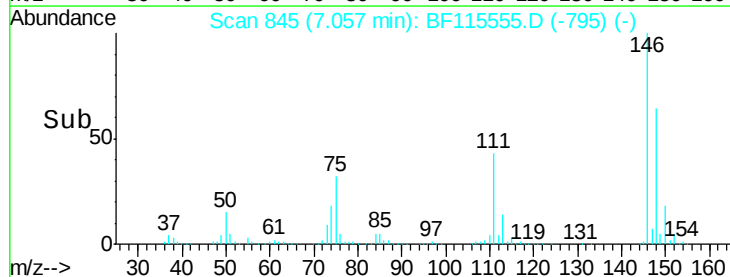
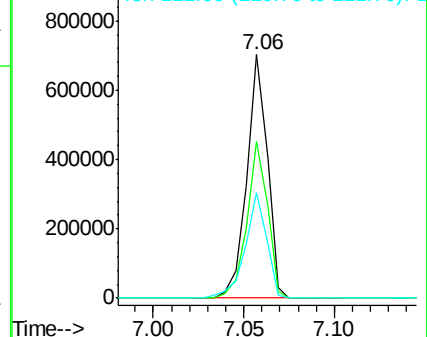
111 43.4 37.6 56.4

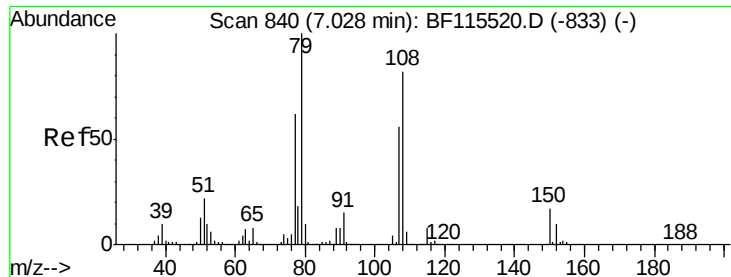


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.854 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampled :

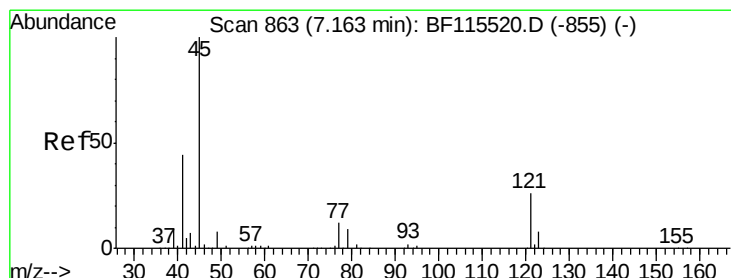
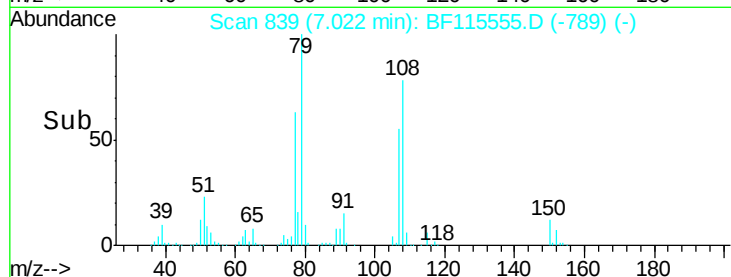
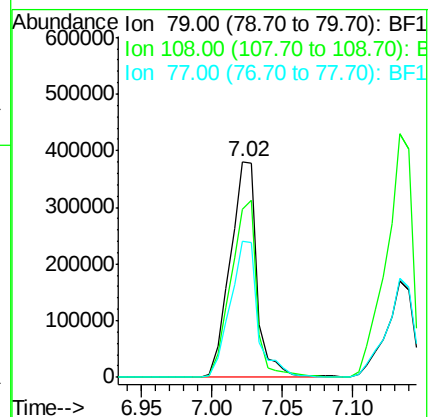
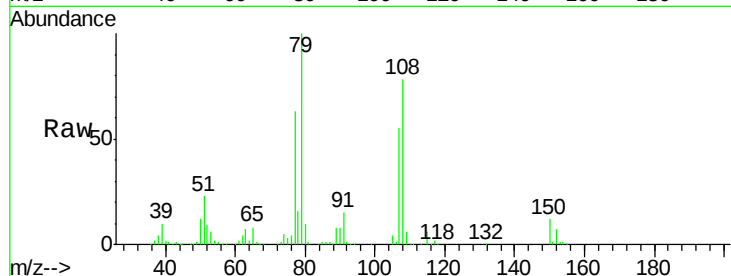
Tot Ion: 79 Resp: 504360

Ion Ratio Lower Upper

79 100

108 77.8 64.2 96.4

77 62.9 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.821 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

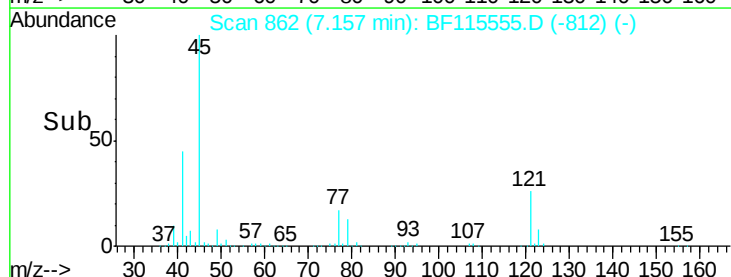
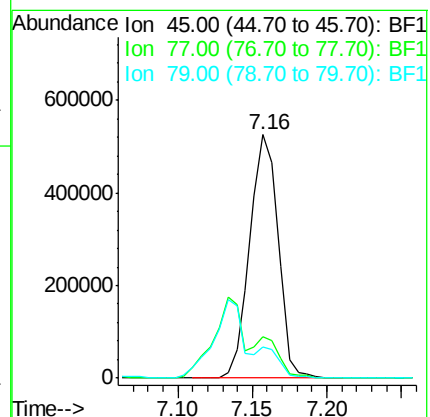
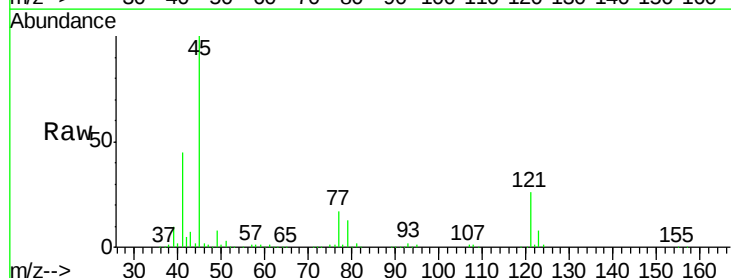
Tgt Ion: 45 Resp: 689417

Ion Ratio Lower Upper

45 100

77 16.9 0.0 38.1

79 12.6 0.0 34.1

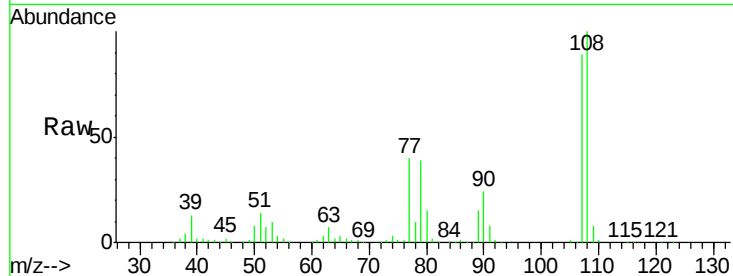




#17
2-Methylphenol
Concen: 29.304 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.4	134.2
77	45.4	35.7	53.5
79	44.3	35.0	52.4



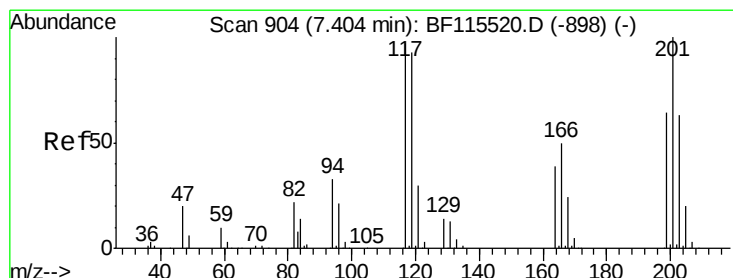
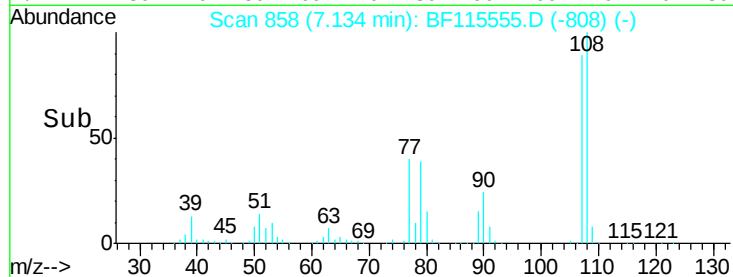
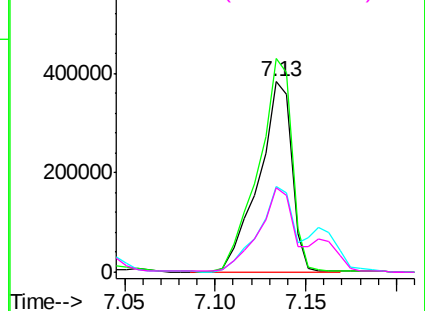
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

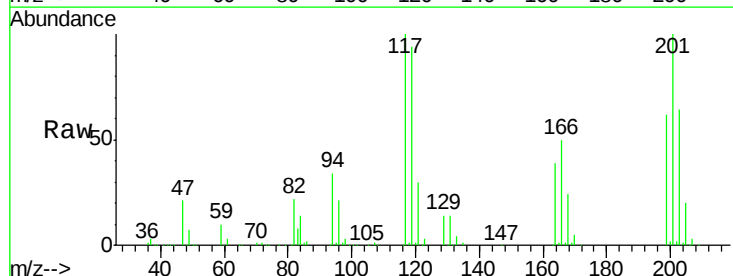
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 28.141 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.7	116.5
201	99.8	86.0	129.0

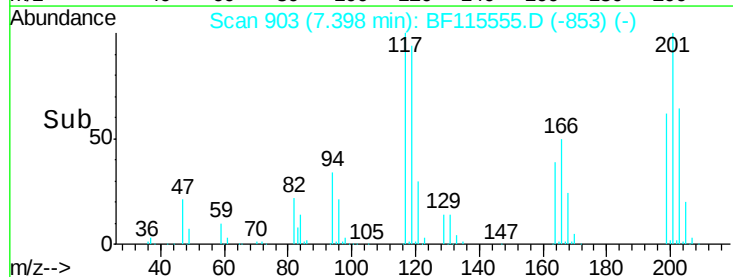
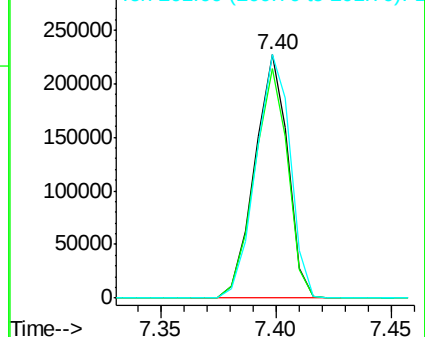


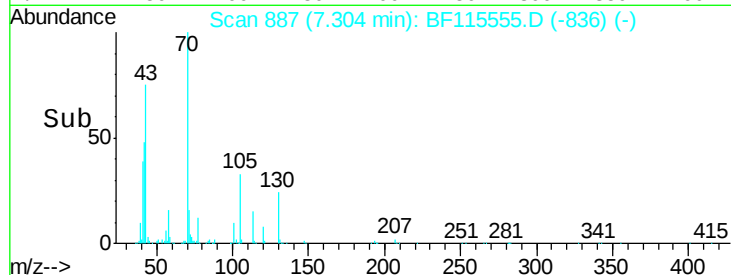
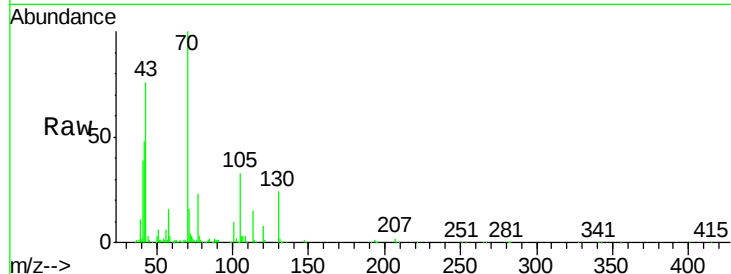
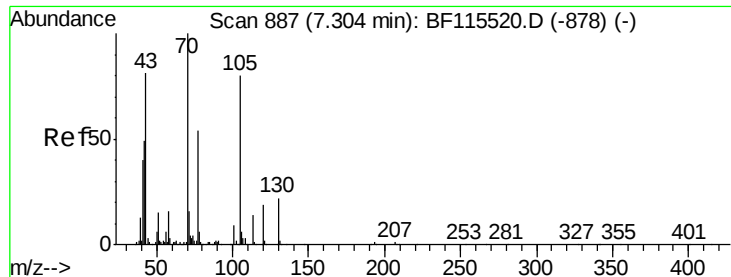
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

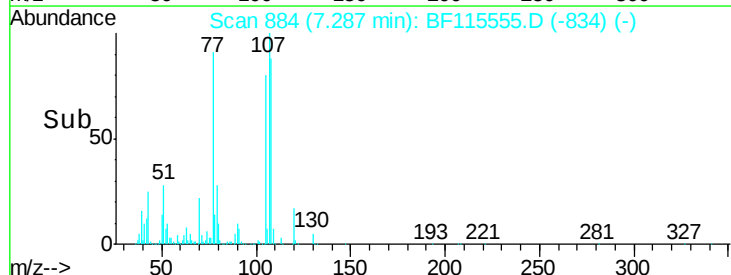
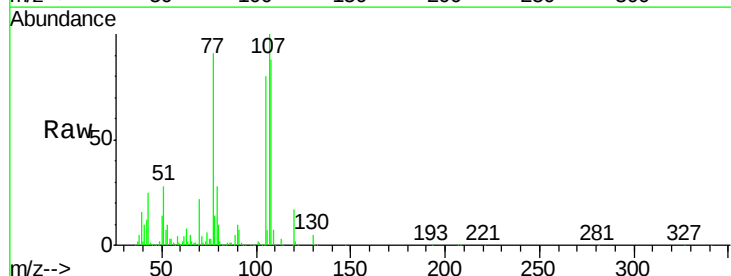
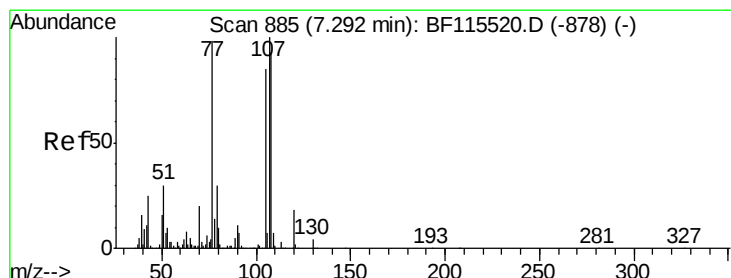
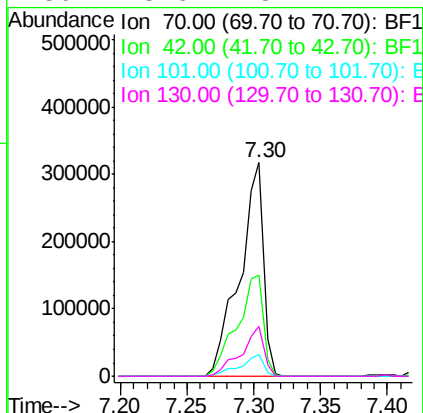




#19
n-Nitroso-di-n-propylamine
Concen: 28.259 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

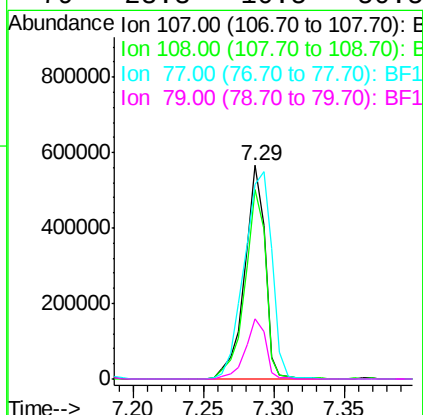
Instrument :
BNA_F
ClientSampleId :

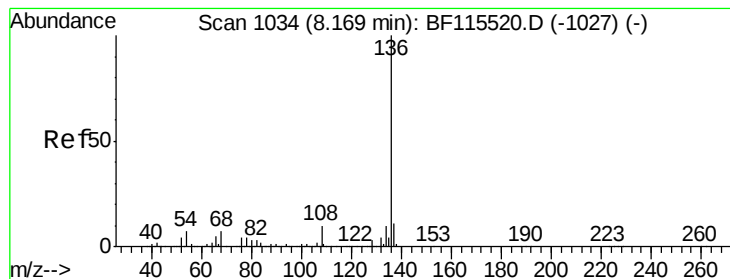
Tot Ion:	70	Resp:	392506
Ion	Ratio	Lower	Upper
70	100		
42	47.6	39.6	59.4
101	10.1	8.1	12.1
130	23.6	18.2	27.2



#20
3+4-Methylphenols
Concen: 28.799 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:	107	Resp:	568872
Ion	Ratio	Lower	Upper
107	100		
108	88.5	72.9	112.9
77	91.3	77.6	117.6
79	28.3	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1063632

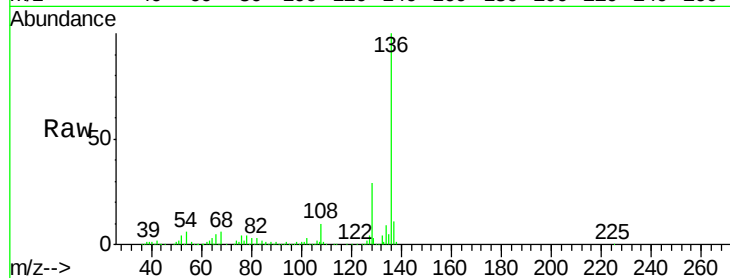
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.2 5.6 8.4

68 5.8 5.0 7.6

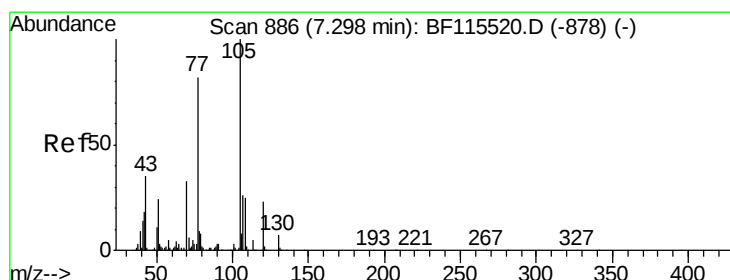
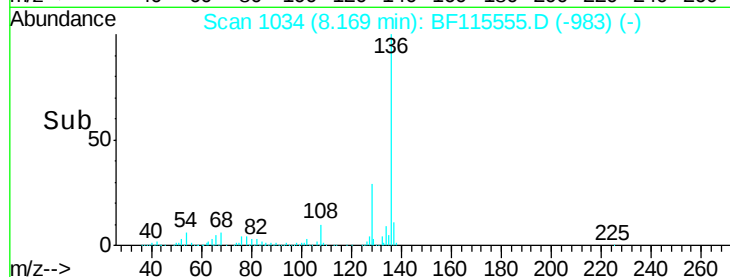
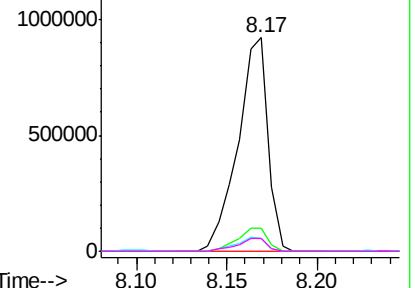


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.443 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Tgt Ion:105 Resp: 779585

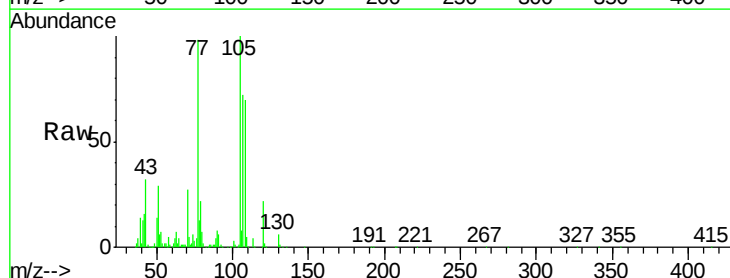
Ion Ratio Lower Upper

105 100

71 4.7 3.5 5.3

51 29.3 25.6 38.4

120 22.2 17.9 26.9

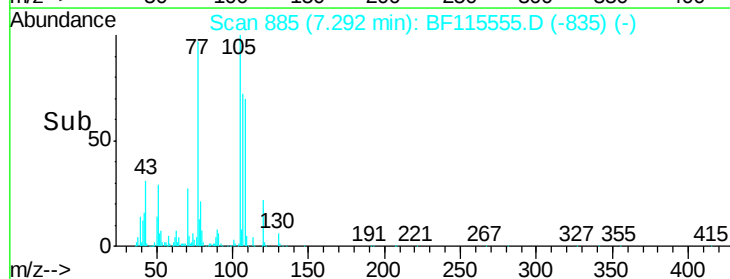
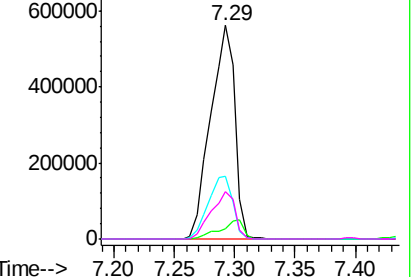


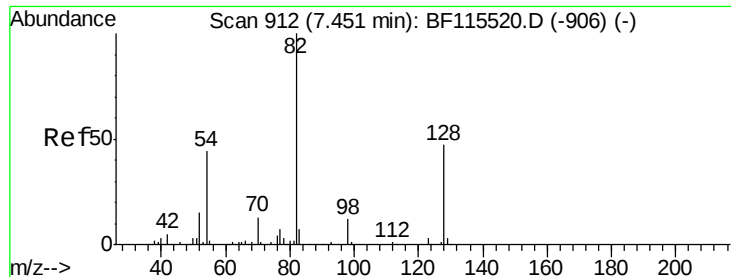
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

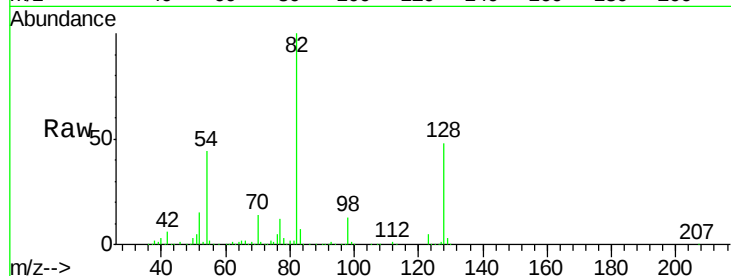




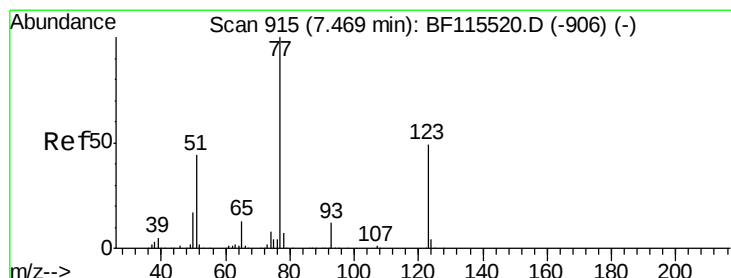
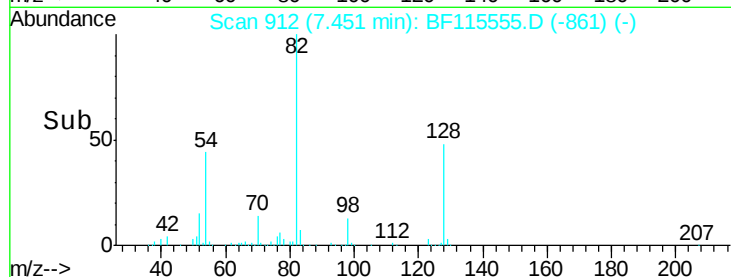
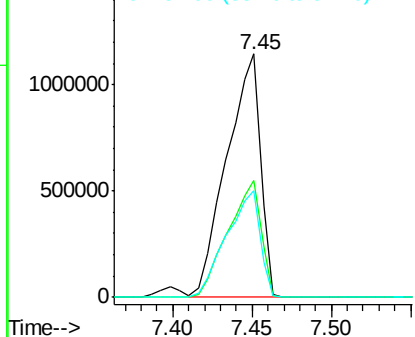
#23
Nitrobenzene-d5
Concen: 92.277 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1687961
Ion Ratio Lower Upper
82 100
128 47.9 38.6 57.8
54 43.8 35.6 53.4

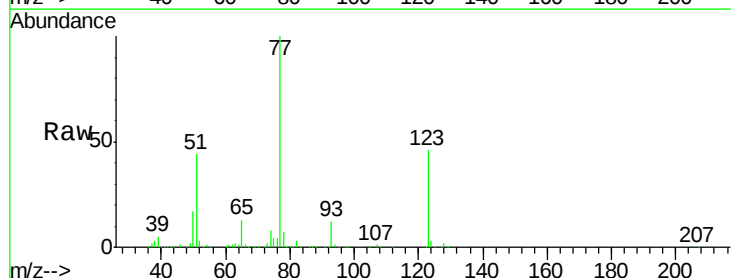


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

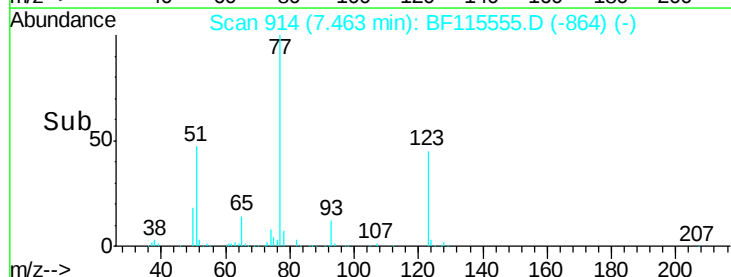
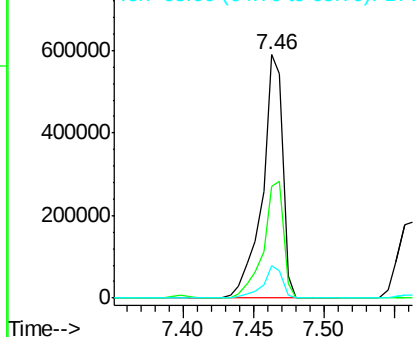


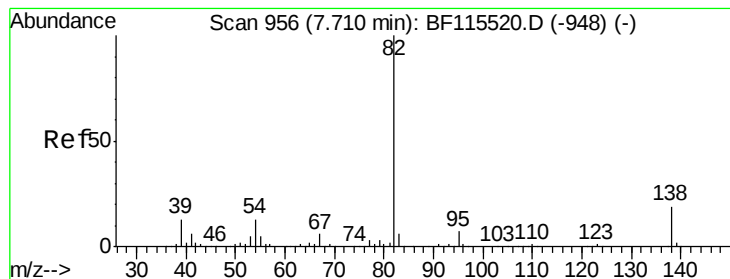
#24
Nitrobenzene
Concen: 30.495 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion: 77 Resp: 601655
Ion Ratio Lower Upper
77 100
123 45.8 40.0 60.0
65 13.2 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: 30.354 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

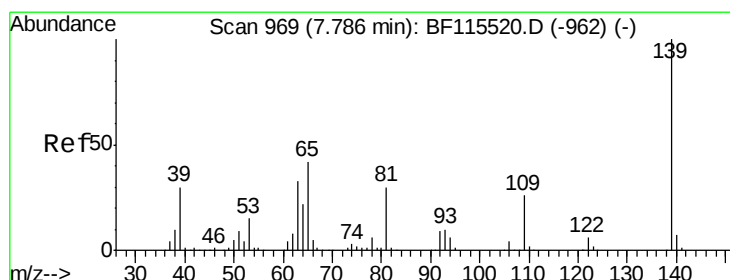
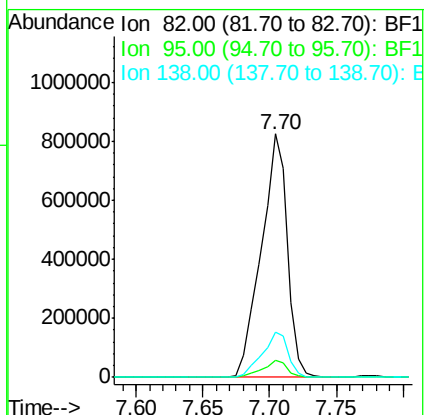
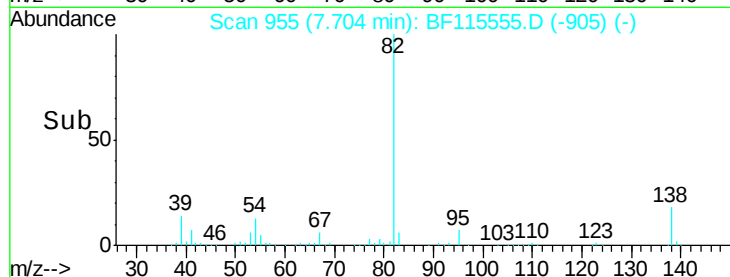
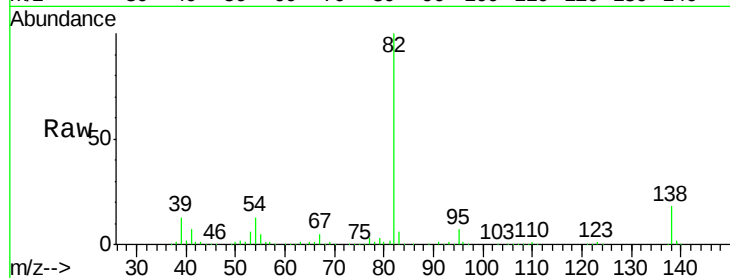
Tot Ion: 82 Resp: 1111039

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 31.249 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

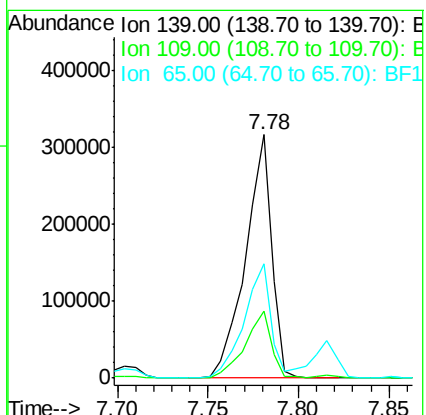
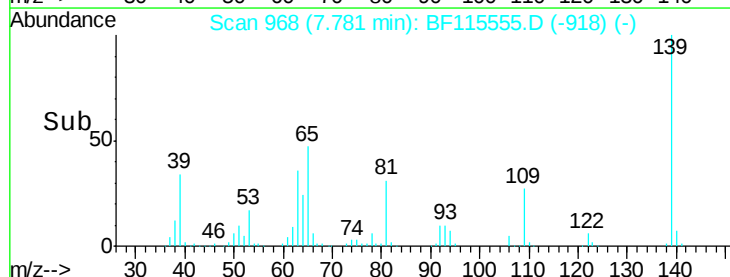
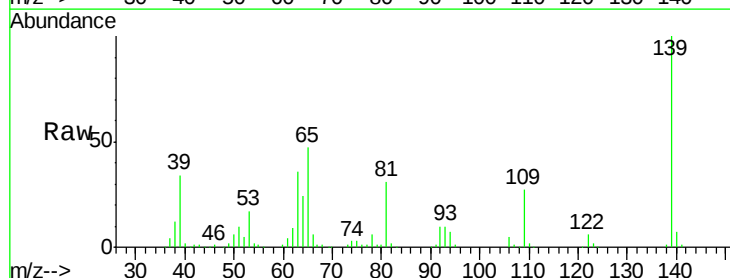
Tgt Ion: 139 Resp: 317337

Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

65 46.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 35.701 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

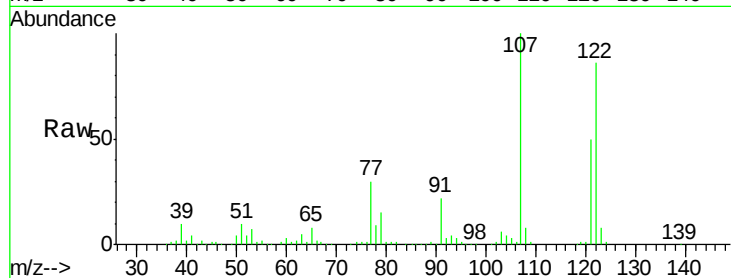
Tot Ion:122 Resp: 542459

Ion Ratio Lower Upper

122 100

107 116.0 92.9 139.3

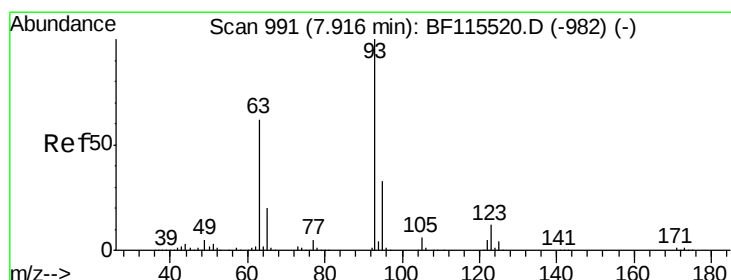
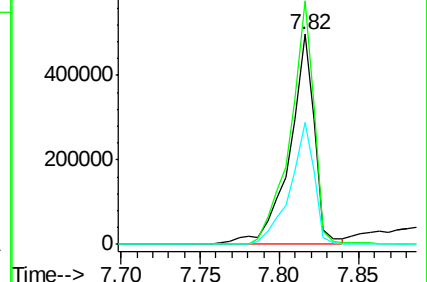
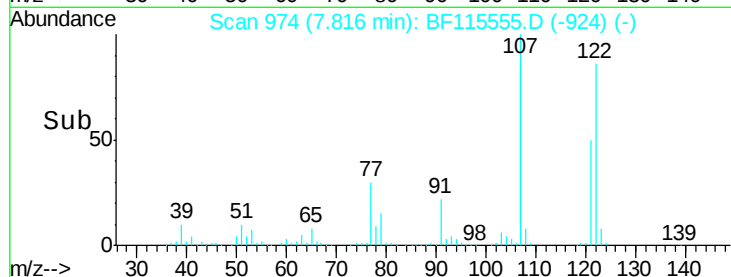
121 58.0 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.489 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

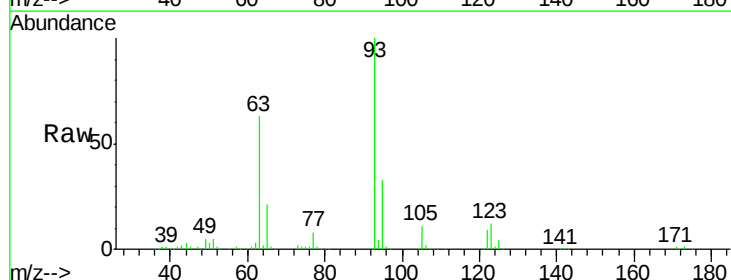
Tgt Ion: 93 Resp: 684637

Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

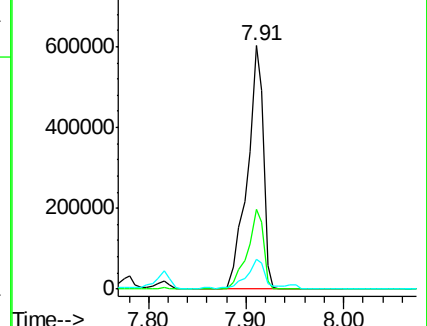
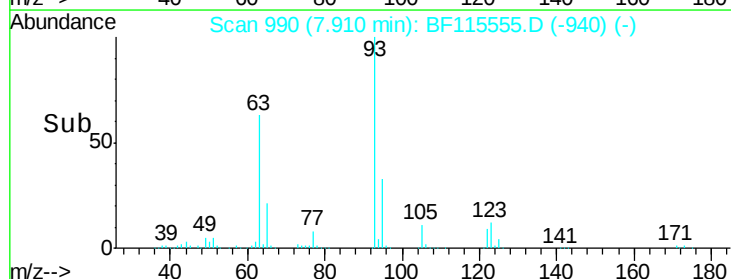
123 12.4 9.9 14.9

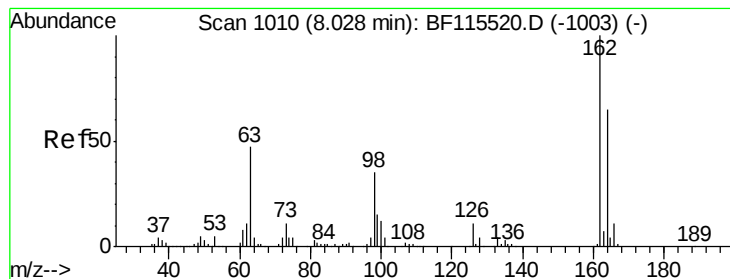


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 31.674 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

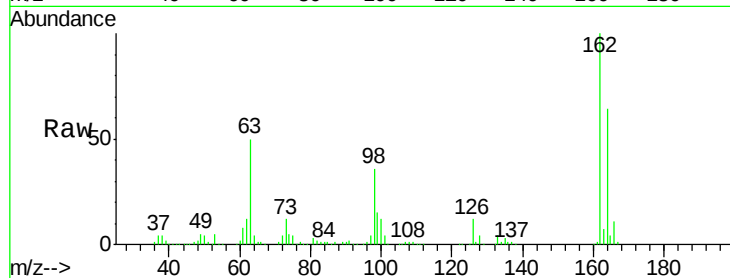
Tot Ion:162 Resp: 500531

Ion Ratio Lower Upper

162 100

164 64.2 44.9 84.9

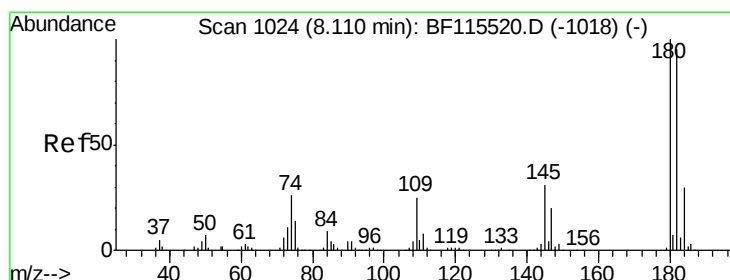
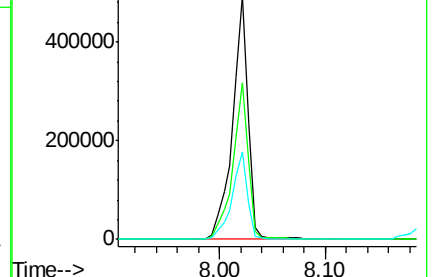
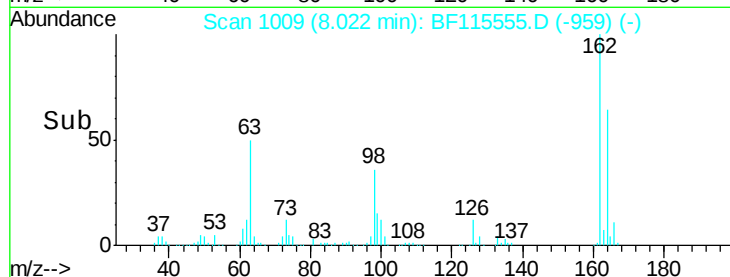
98 35.7 17.7 57.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 30.654 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

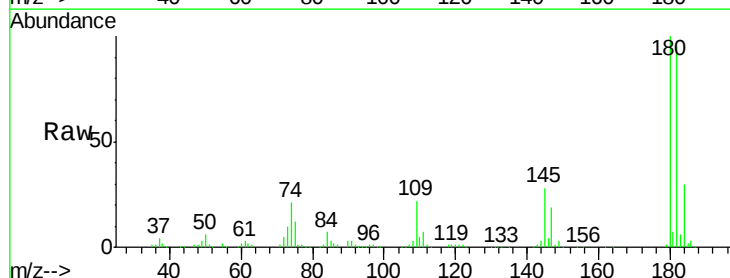
Tgt Ion:180 Resp: 547552

Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.6

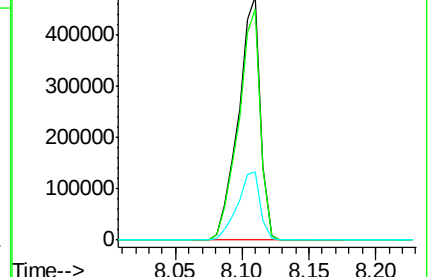
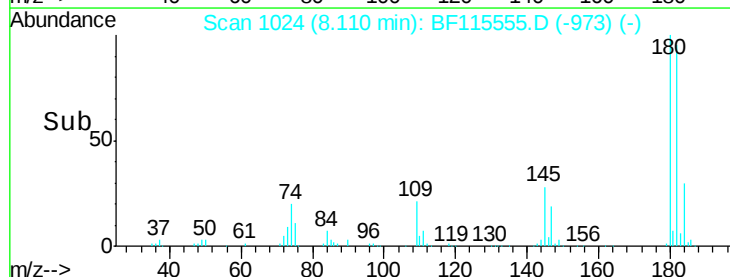
145 28.2 25.1 37.7

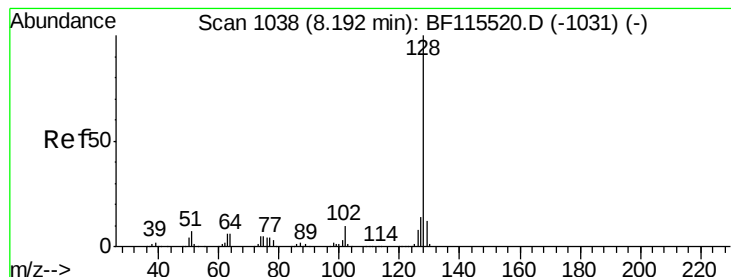


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.558 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

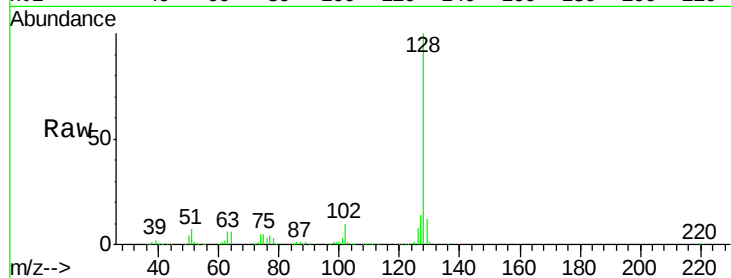
Tot Ion:128 Resp: 1625591

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

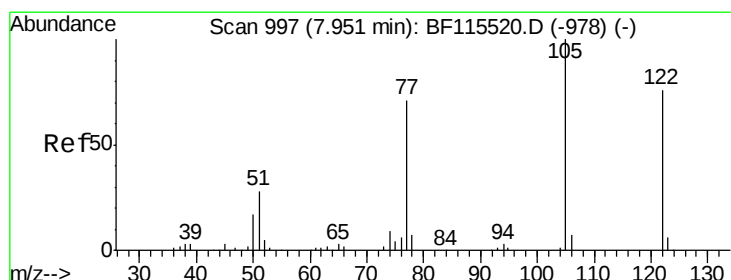
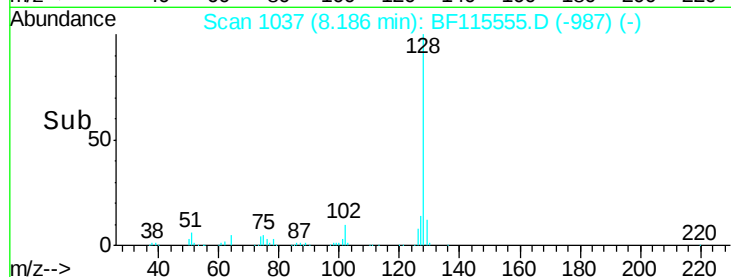
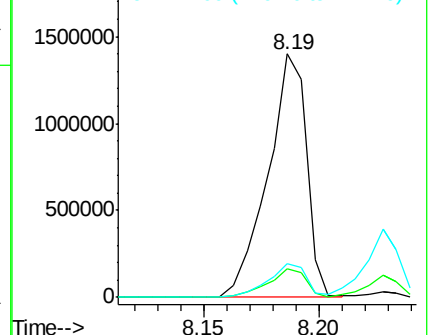
127 14.0 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.611 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

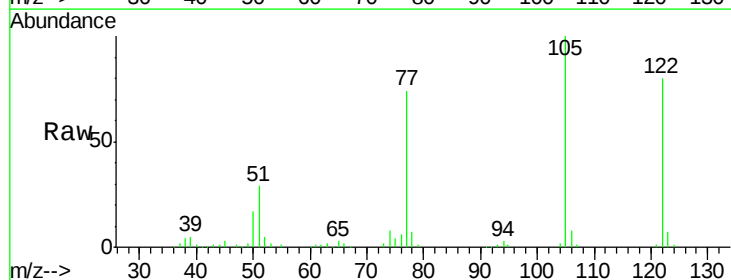
Tgt Ion:122 Resp: 369246

Ion Ratio Lower Upper

122 100

105 124.6 102.5 142.5

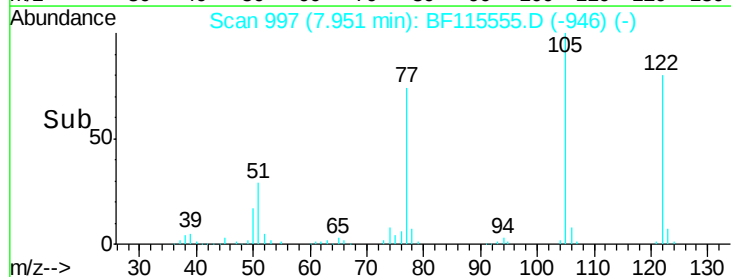
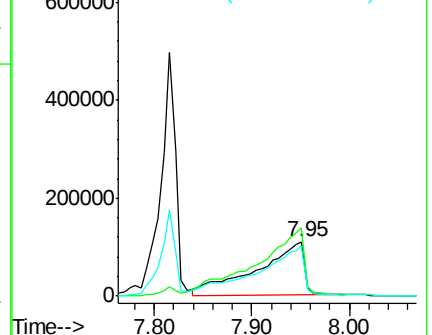
77 92.6 70.2 110.2



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

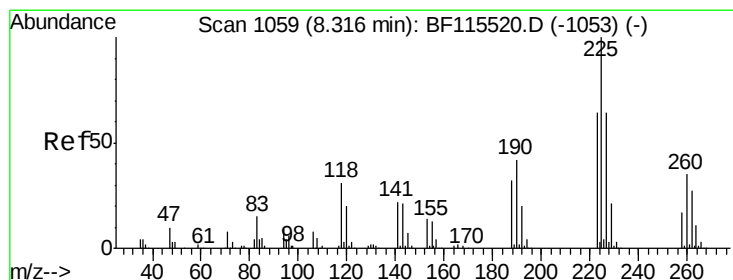
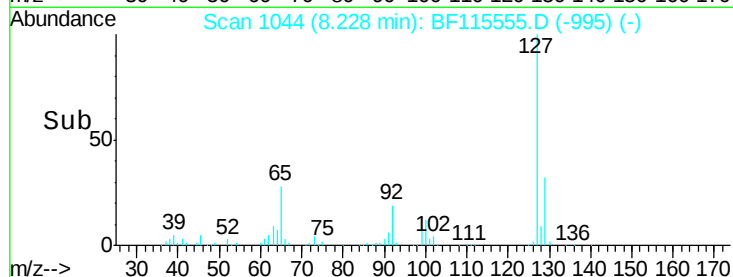
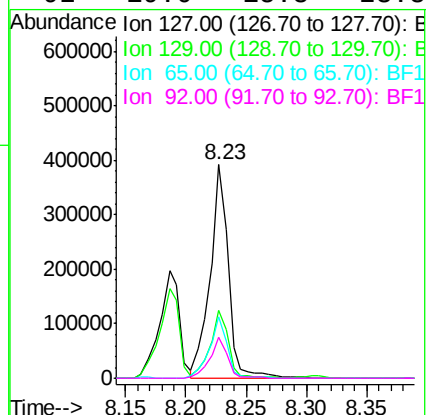
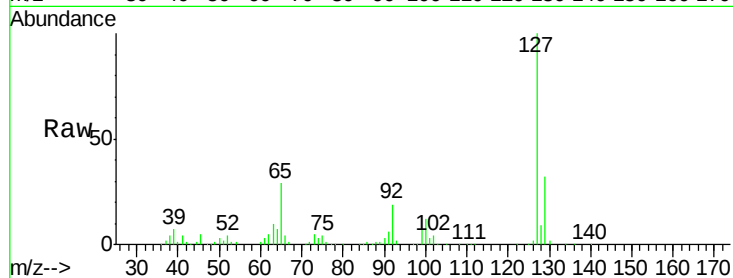




#33
4-Chloroaniline
Concen: 17.860 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

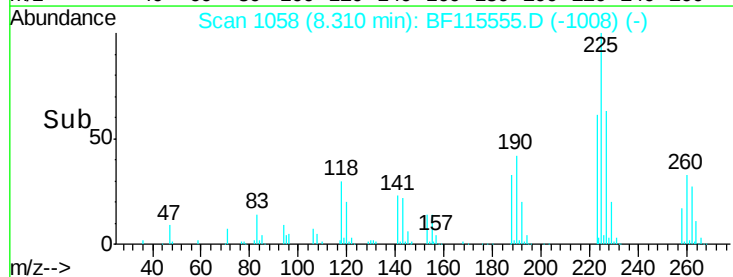
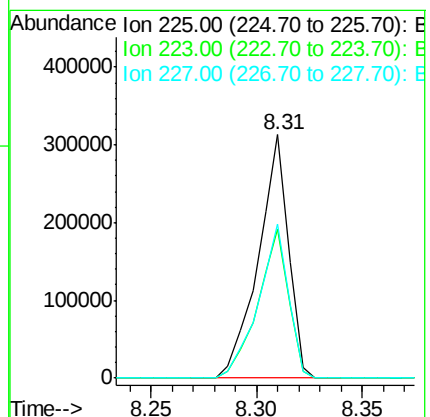
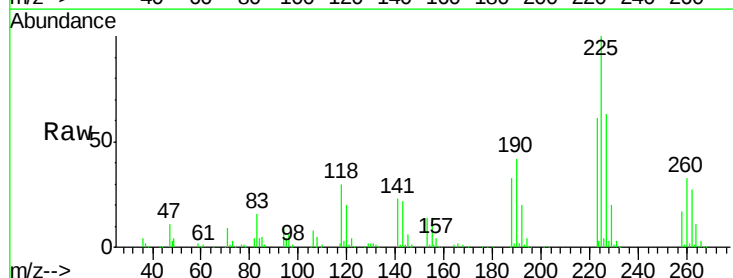
Instrument :
BNA_F
ClientSampleId :

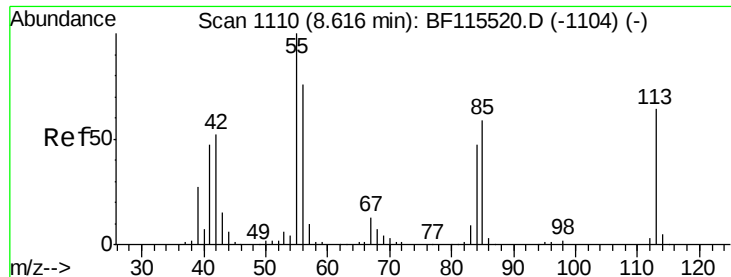
Tot Ion:	127	Resp:	407512
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	29.1	23.7	35.5
92	19.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 30.321 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:	225	Resp:	310596
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.9	76.3
227	63.3	50.7	76.1

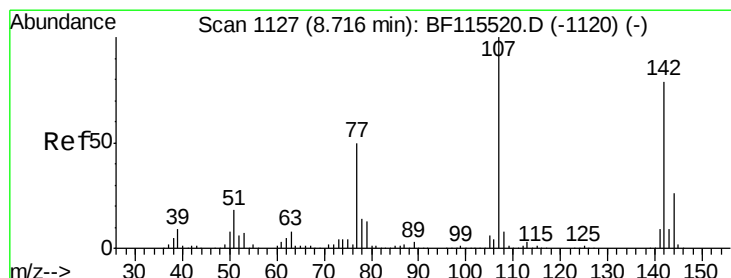
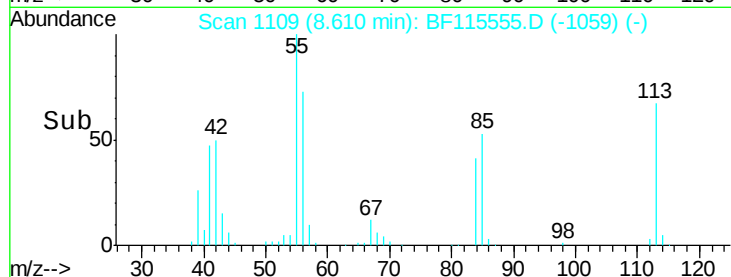
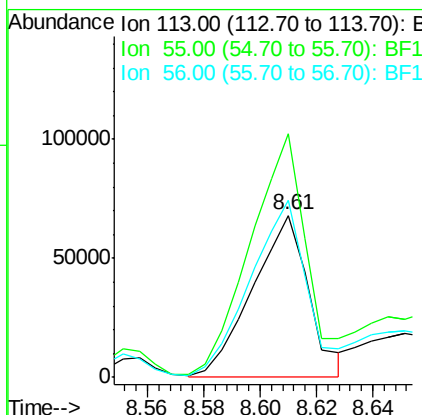
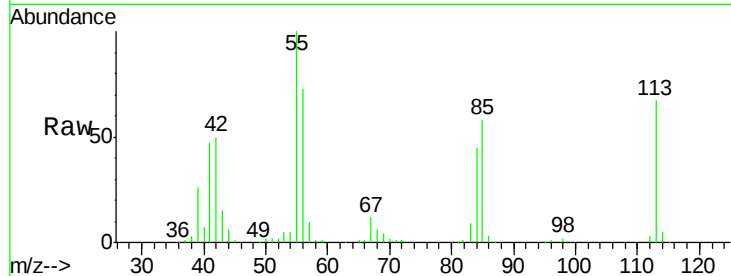




#35
 Caprolactam
 Concen: 19.283 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

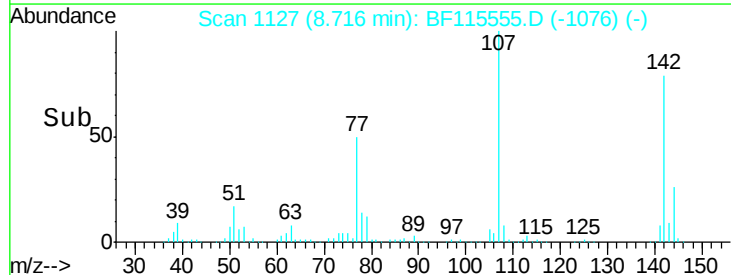
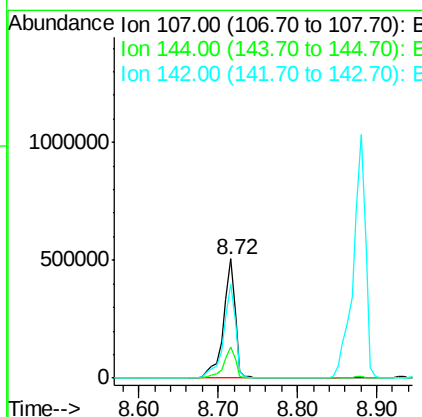
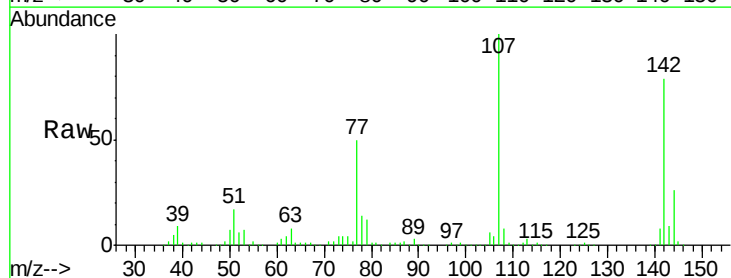
Instrument :
 BNA_F
 ClientSampleId :

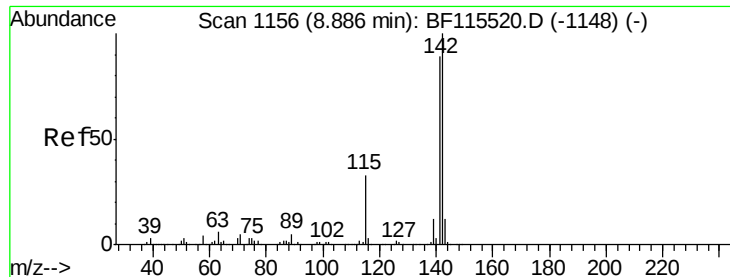
Tot Ion:113 Resp: 94160
 Ion Ratio Lower Upper
 113 100
 55 150.3 126.9 166.9
 56 109.6 90.3 130.3



#36
 4-Chloro-3-methylphenol
 Concen: 31.665 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:107 Resp: 519055
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.6 30.8
 142 79.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 32.125 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

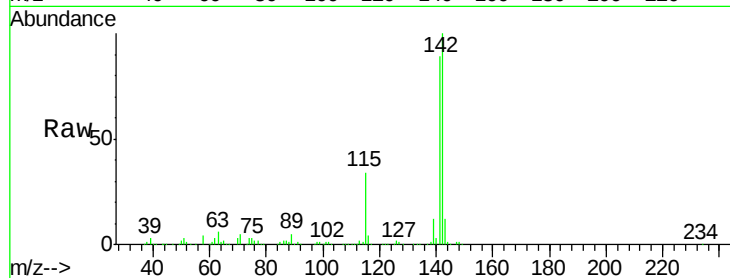
Tot Ion:142 Resp: 1096936

Ion Ratio Lower Upper

142 100

141 89.2 72.0 108.0

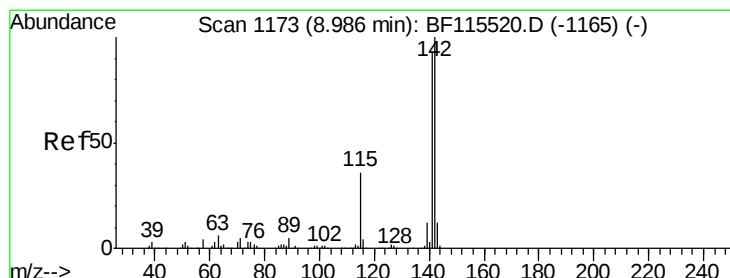
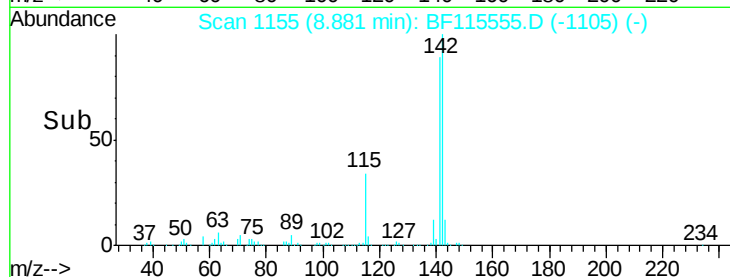
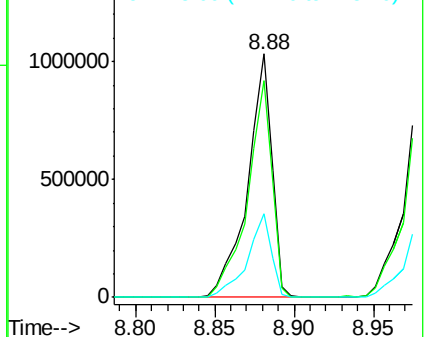
115 34.2 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 31.870 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

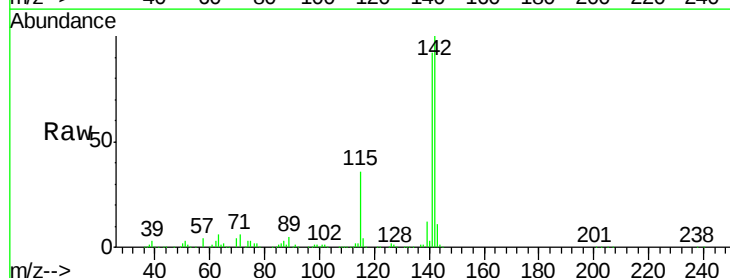
Tgt Ion:142 Resp: 1033628

Ion Ratio Lower Upper

142 100

141 91.9 75.3 112.9

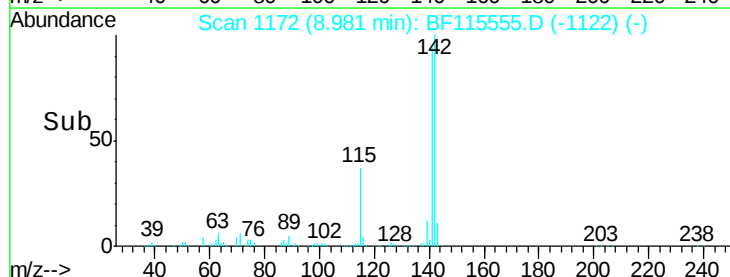
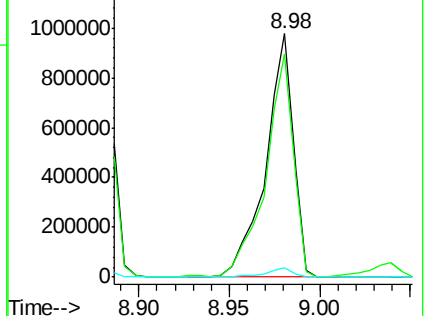
116 3.8 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

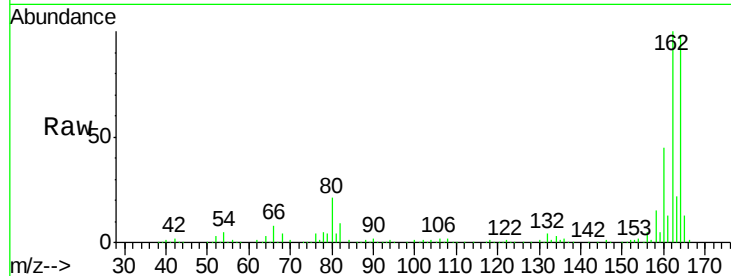




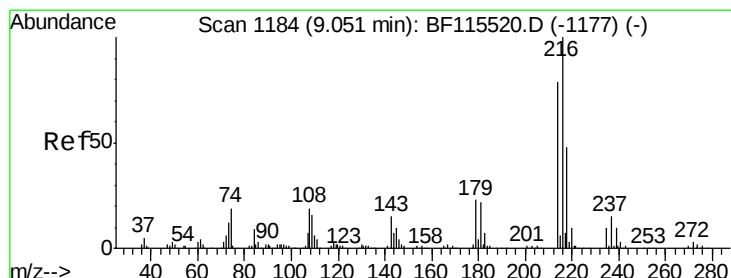
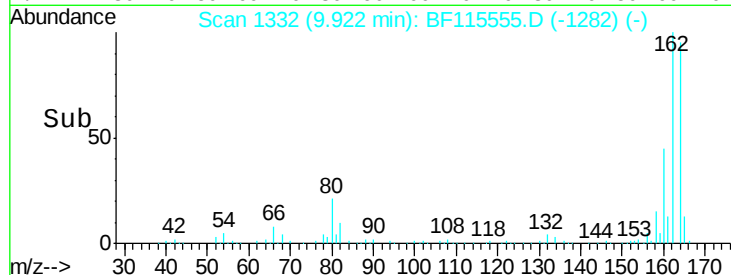
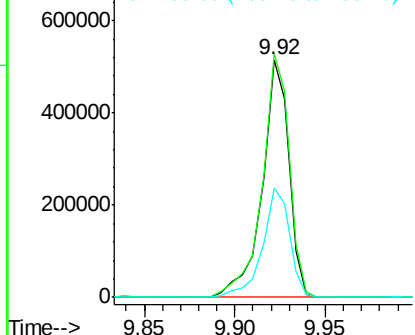
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 528331
Ion Ratio Lower Upper
164 100
162 102.5 82.9 124.3
160 46.0 36.8 55.2

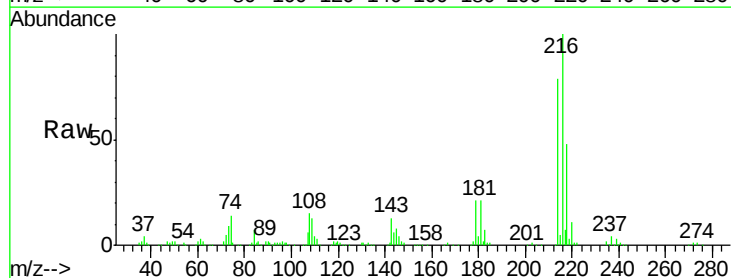


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

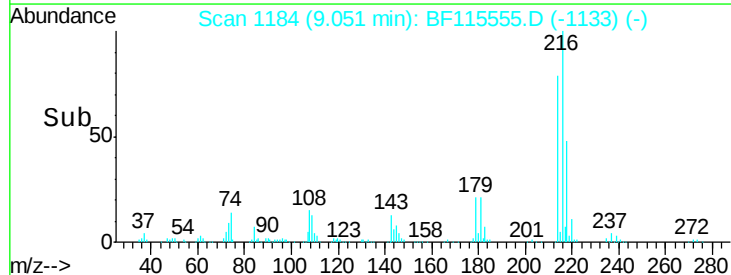
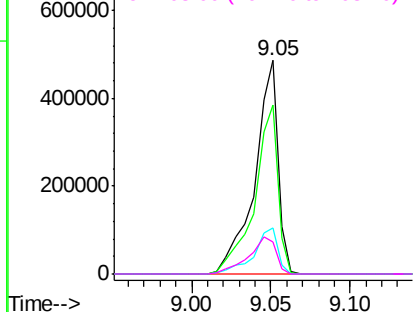


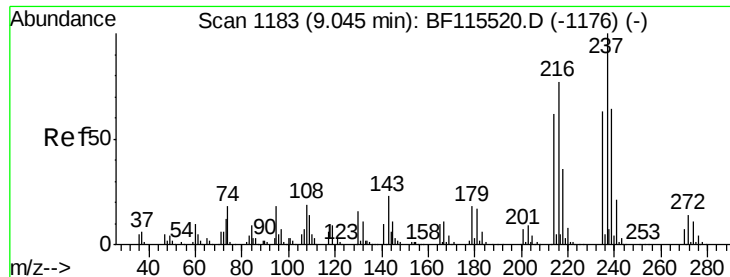
#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.484 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:216 Resp: 500901
Ion Ratio Lower Upper
216 100
214 79.3 65.1 97.7
179 21.9 18.3 27.5
108 20.6 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 58.470 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

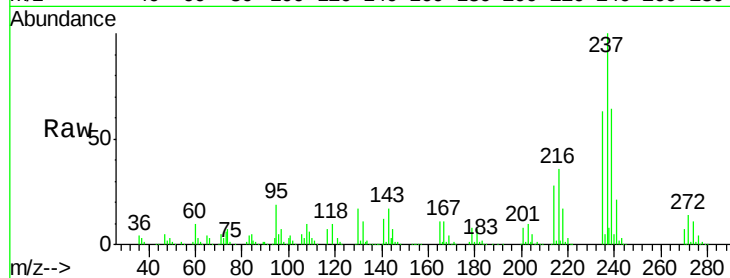
Tot Ion:237 Resp: 530652

Ion Ratio Lower Upper

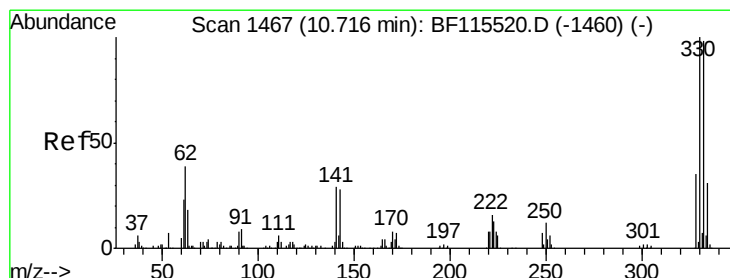
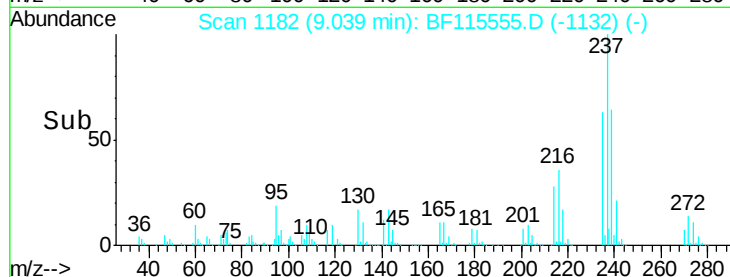
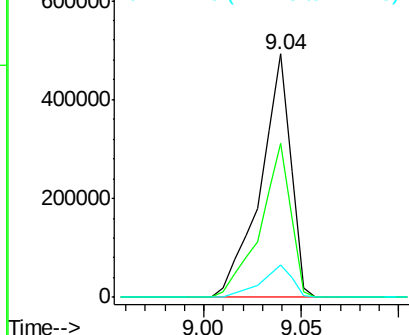
237 100

235 63.3 43.6 83.6

272 13.6 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: 132.266 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

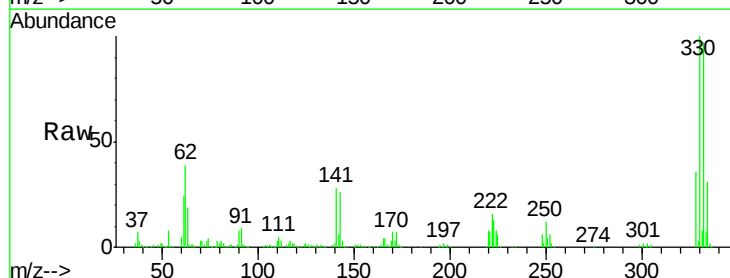
Tgt Ion:330 Resp: 815669

Ion Ratio Lower Upper

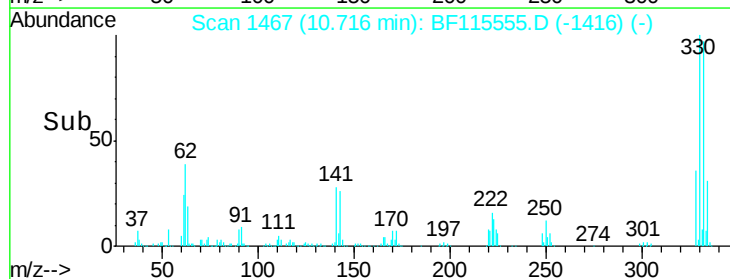
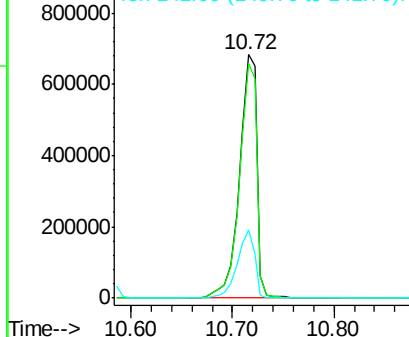
330 100

332 96.0 77.4 116.2

141 28.1 22.4 33.6



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

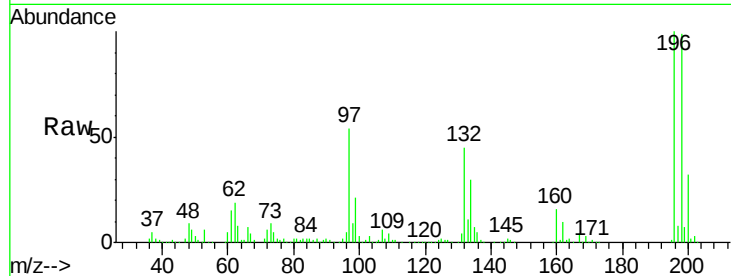




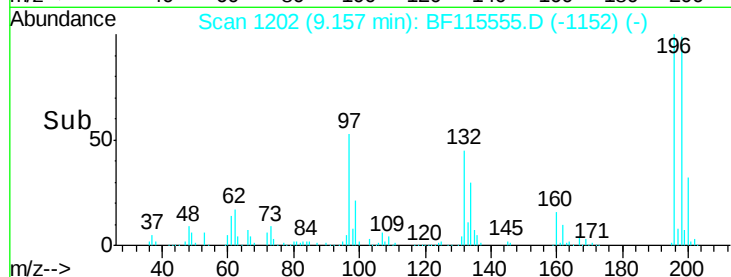
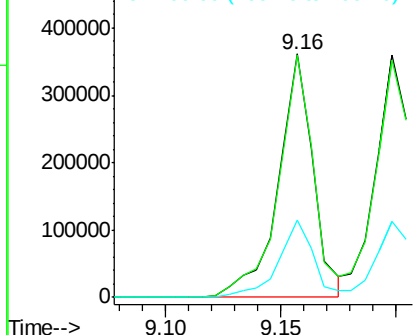
#43
 2,4,6-Trichlorophenol
 Concen: 32.362 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 376531
 Ion Ratio Lower Upper
 196 100
 198 99.3 80.6 121.0
 200 31.7 25.8 38.6



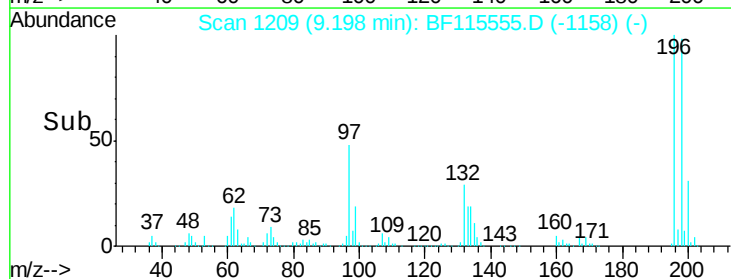
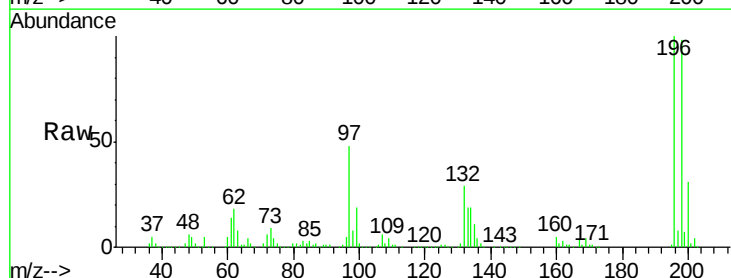
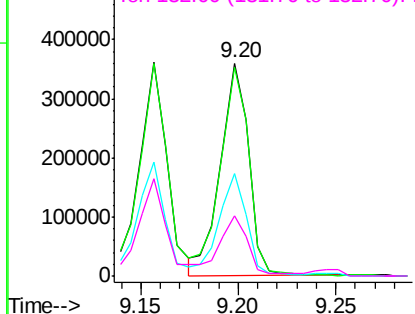
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

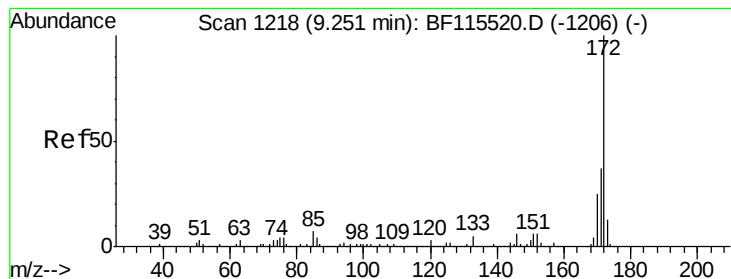


#44
 2,4,5-Trichlorophenol
 Concen: 30.376 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:196 Resp: 361941
 Ion Ratio Lower Upper
 196 100
 198 97.9 79.6 119.4
 97 48.1 37.8 56.6
 132 28.5 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: 96.046 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

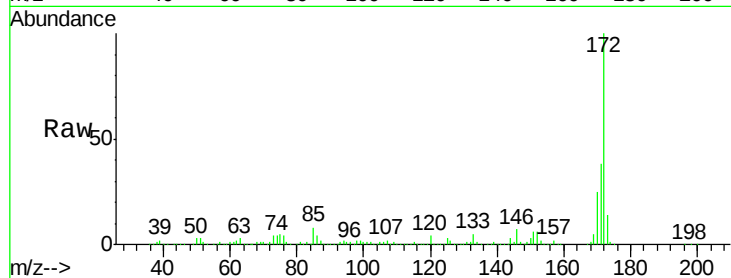
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 2899187

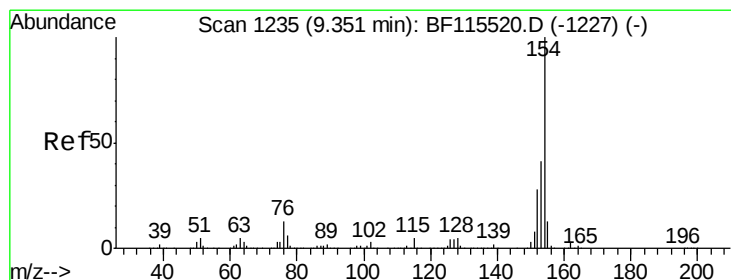
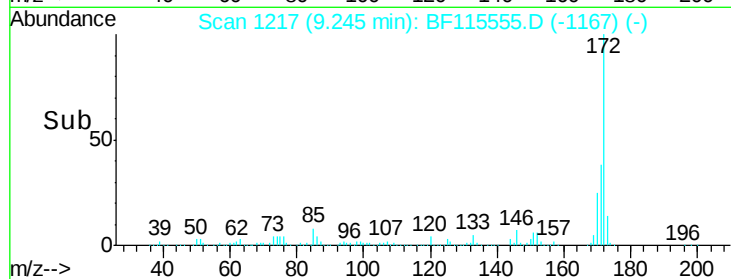
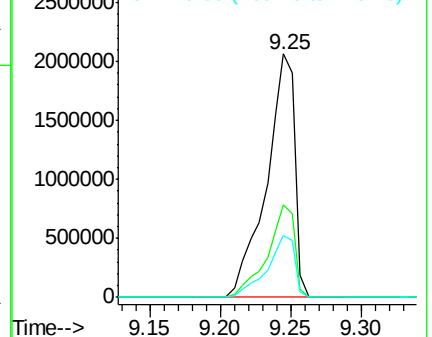
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	25.5	20.5	30.7



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: 32.041 ng

RT: 9.35 min Scan# 1234

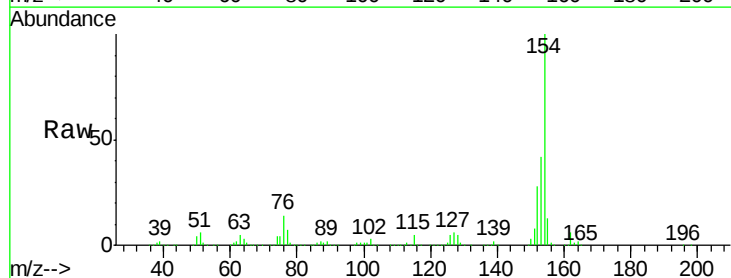
Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Tgt Ion:154 Resp: 1323413

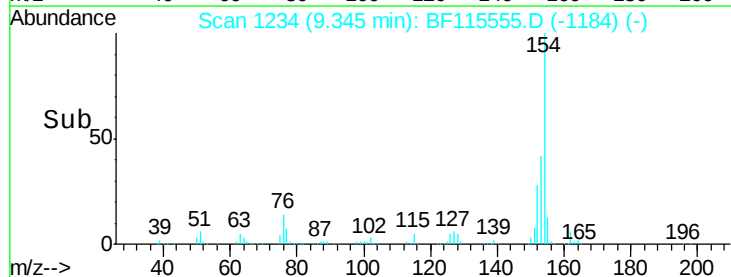
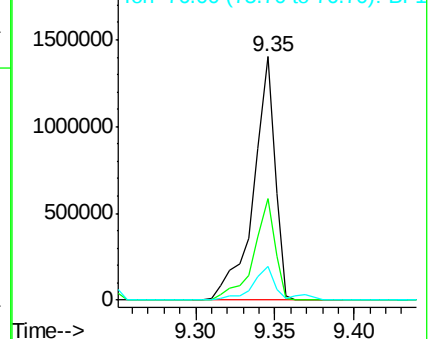
Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.6	62.6
76	13.6	0.0	33.4

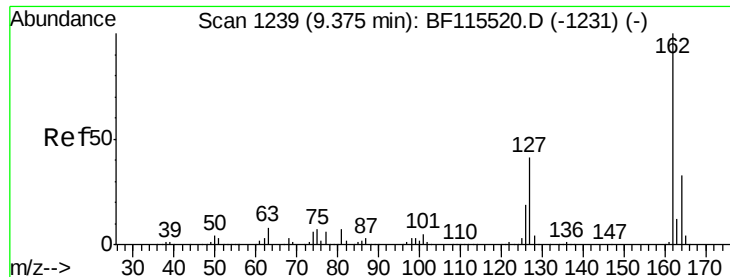


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

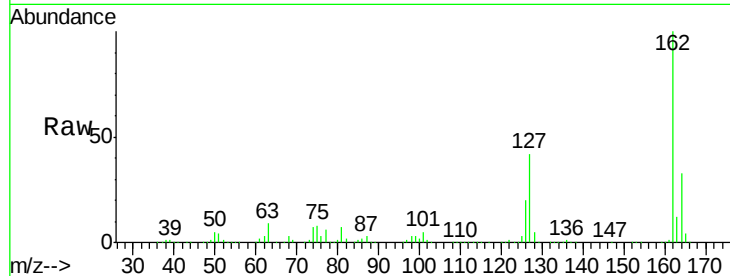




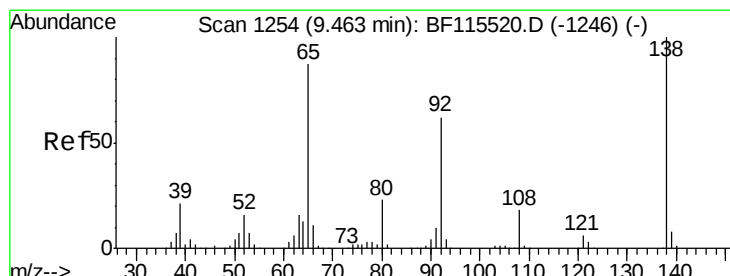
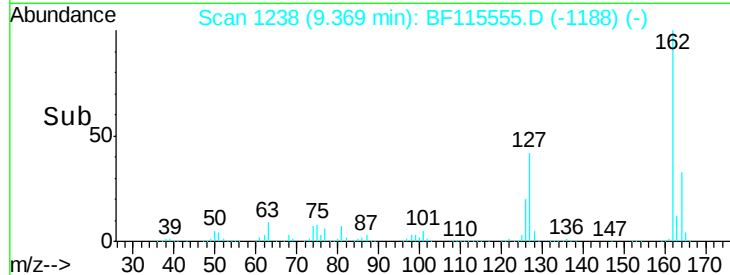
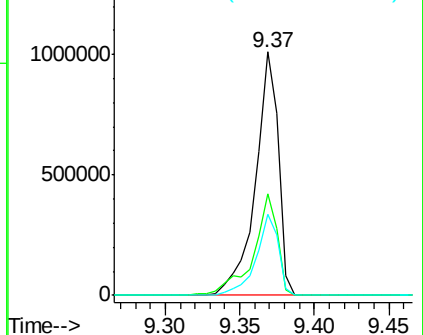
#47
 2-Chloronaphthalene
 Concen: 30.788 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1058851
 Ion Ratio Lower Upper
 162 100
 127 41.6 34.1 51.1
 164 33.5 27.4 41.2

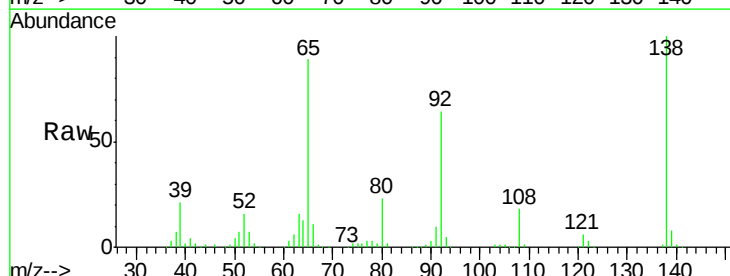


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

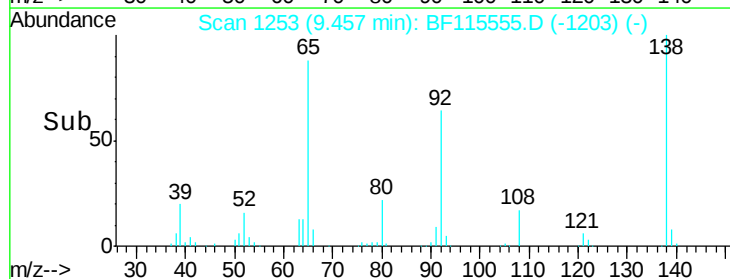
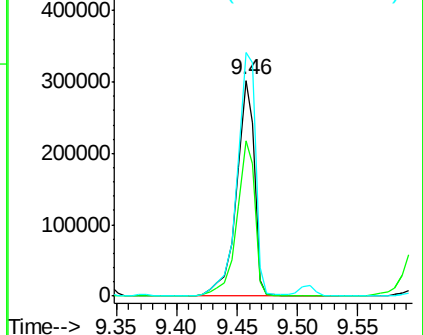


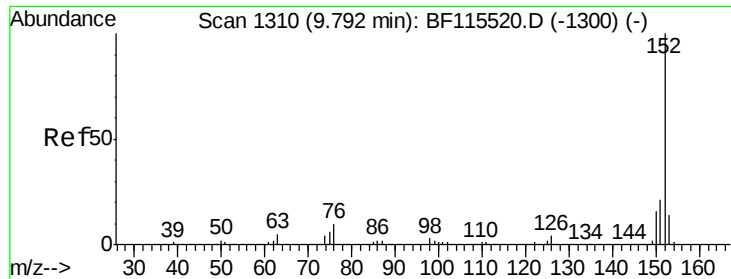
#48
 2-Nitroaniline
 Concen: 29.465 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion: 65 Resp: 313652
 Ion Ratio Lower Upper
 65 100
 92 72.1 57.8 86.6
 138 112.9 91.2 136.8



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

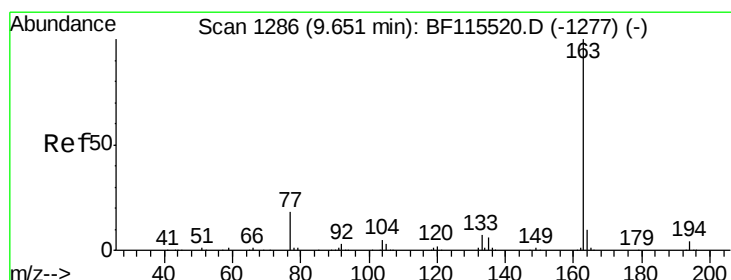
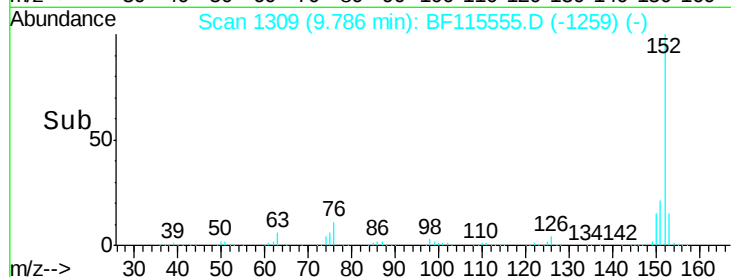
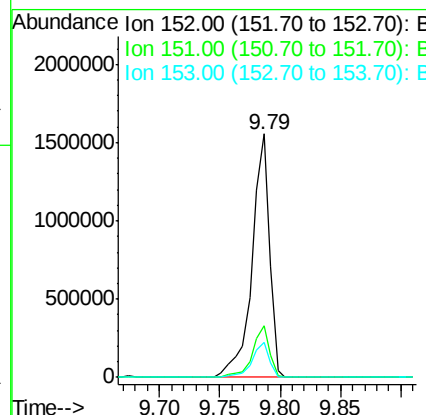
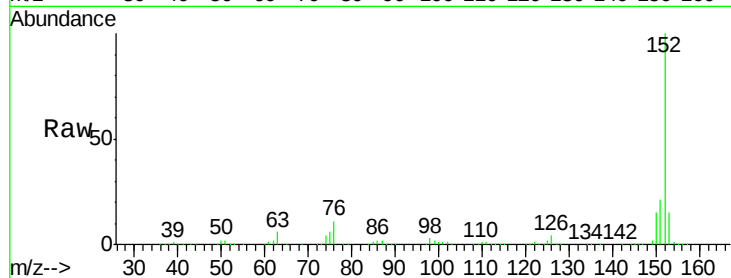




#49
Acenaphthylene
Concen: 30.942 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

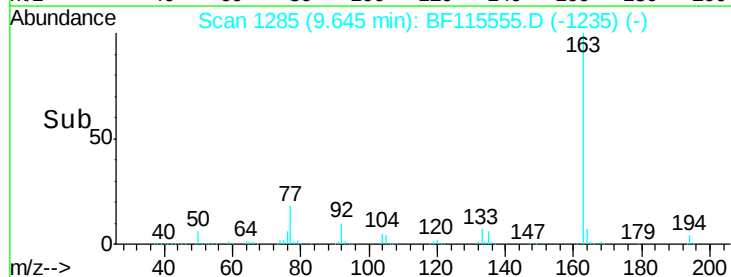
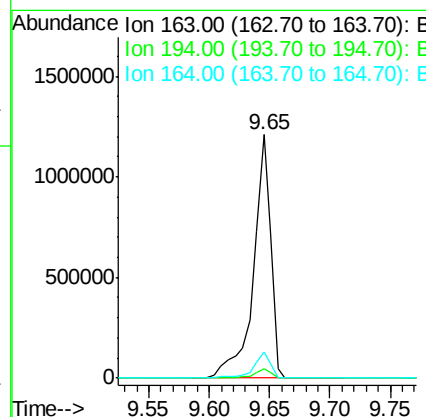
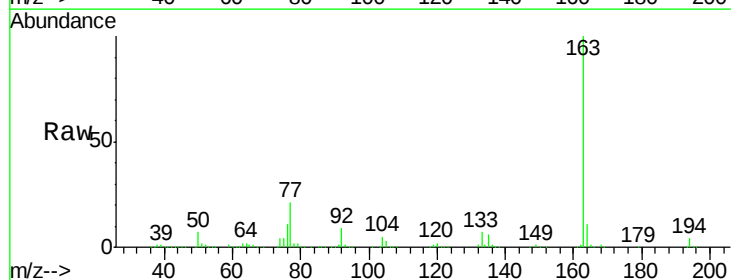
Instrument :
BNA_F
ClientSampleId :

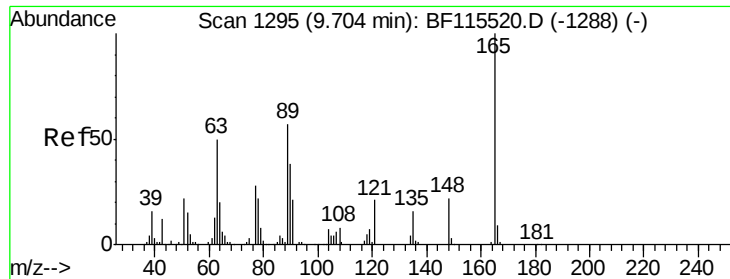
Tot Ion:152 Resp: 1576808
Ion Ratio Lower Upper
152 100
151 21.4 17.7 26.5
153 14.6 12.0 18.0



#50
Dimethylphthalate
Concen: 30.544 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:163 Resp: 1214107
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.7 13.1

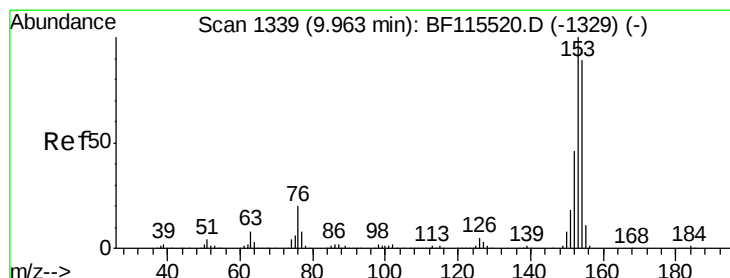
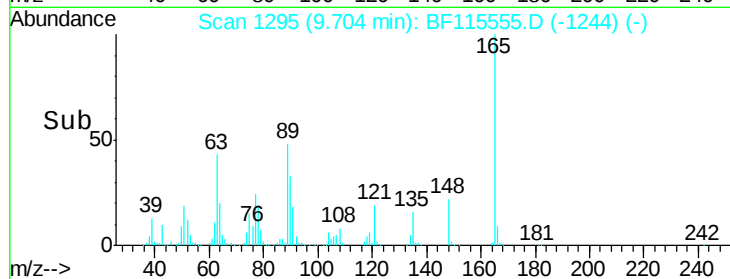
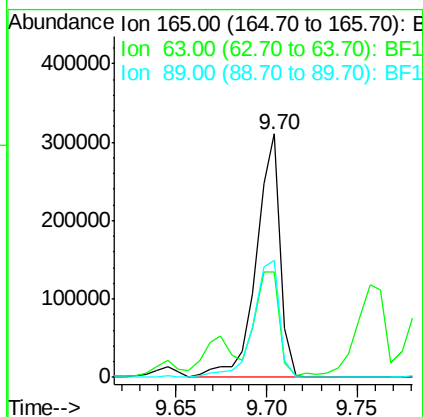
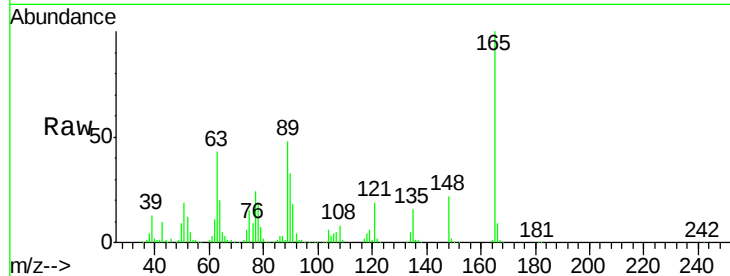




#51
 2,6-Dinitrotoluene
 Concen: 31.444 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

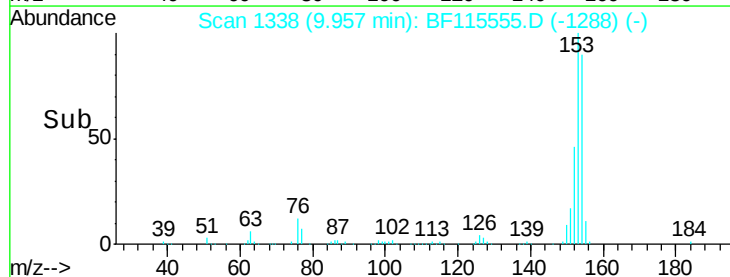
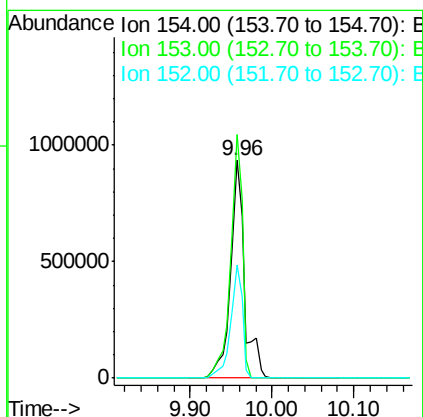
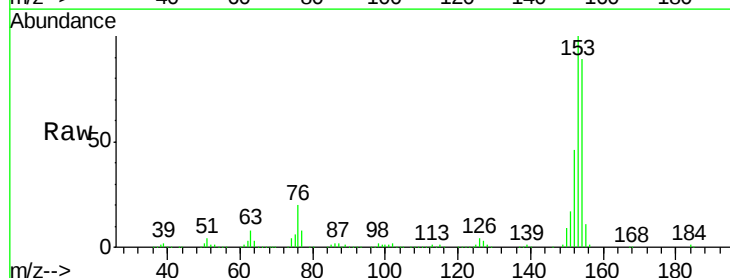
Instrument :
 BNA_F
 ClientSampleId :

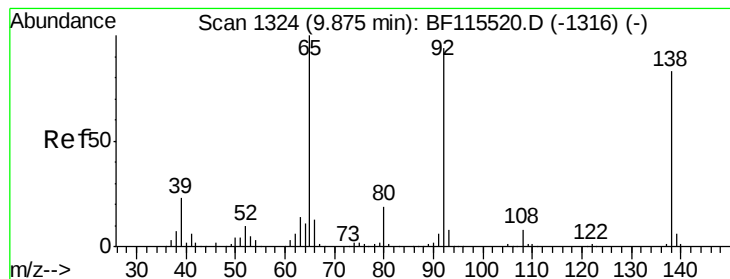
Tot Ion:165 Resp: 284048
 Ion Ratio Lower Upper
 165 100
 63 43.2 40.6 61.0
 89 48.1 43.9 65.9



#52
 Acenaphthene
 Concen: 33.628 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:154 Resp: 1106400
 Ion Ratio Lower Upper
 154 100
 153 111.7 88.6 133.0
 152 51.8 42.3 63.5





#53

3-Nitroaniline

Concen: 19.438 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

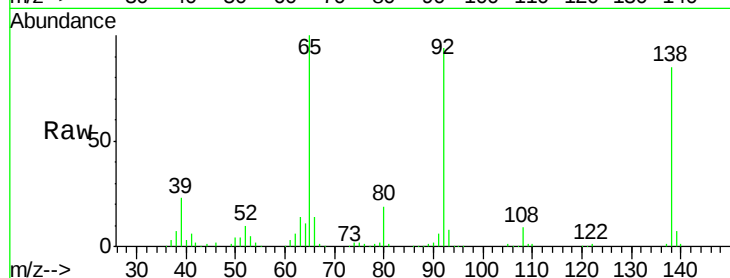
Tot Ion:138 Resp: 200656

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

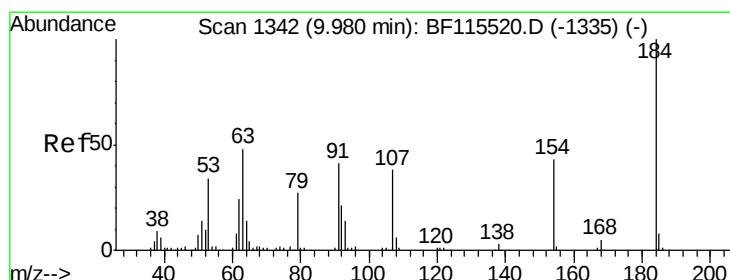
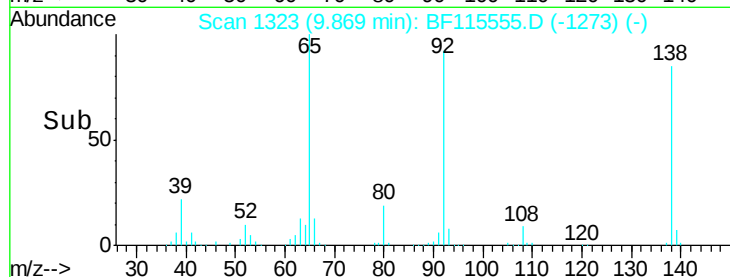
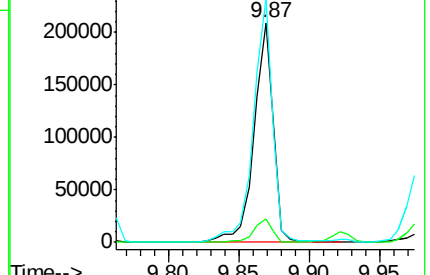
92 110.8 88.0 132.0



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: 61.683 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

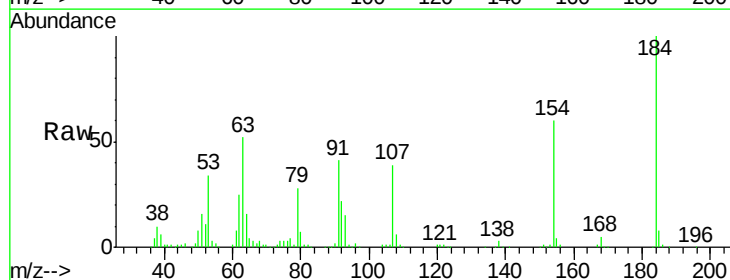
Tgt Ion:184 Resp: 286082

Ion Ratio Lower Upper

184 100

63 51.5 48.7 73.1

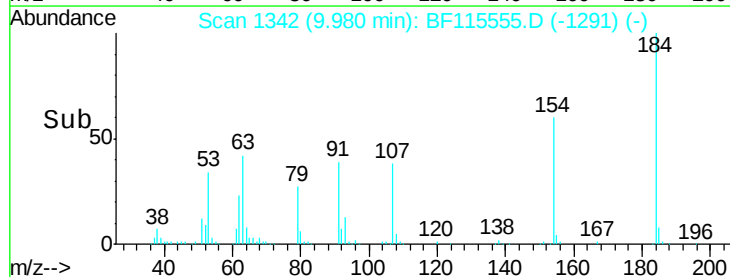
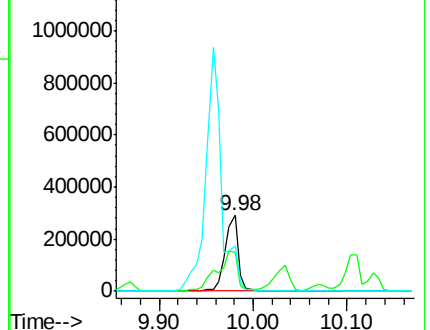
154 59.7 48.6 73.0

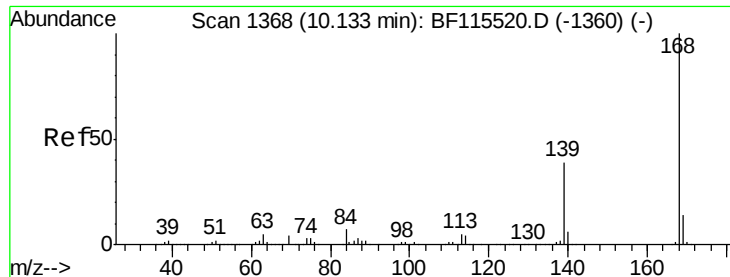


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 30.411 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

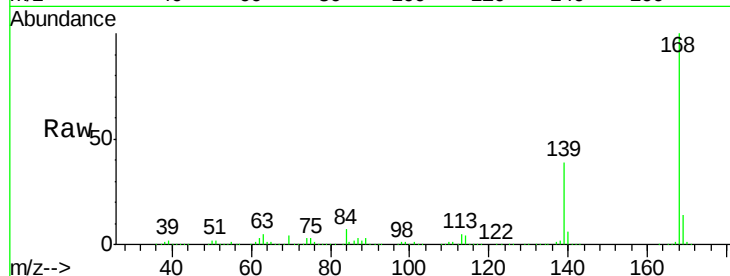
Tot Ion:168 Resp: 1420891

Ion Ratio Lower Upper

168 100

139 39.3 31.1 46.7

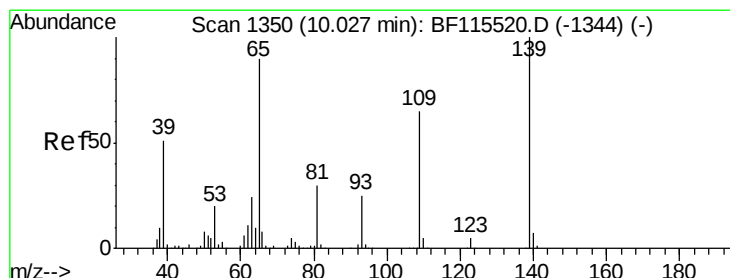
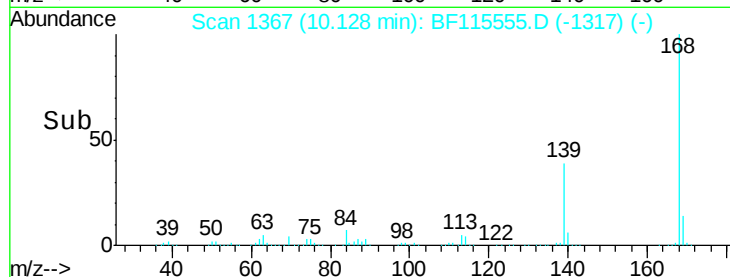
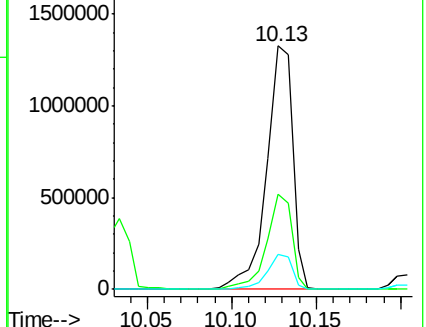
169 14.3 11.1 16.7



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: 57.566 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

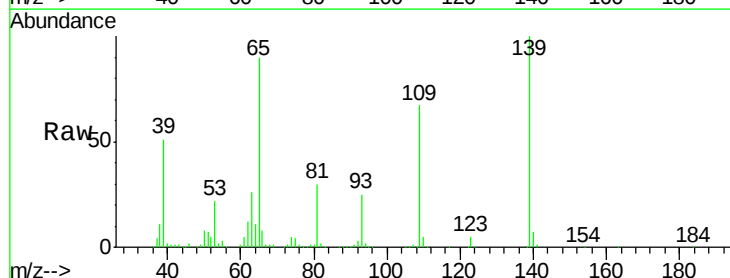
Tgt Ion:139 Resp: 453149

Ion Ratio Lower Upper

139 100

109 66.8 46.4 86.4

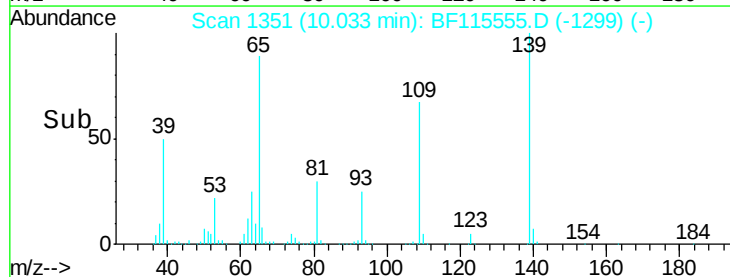
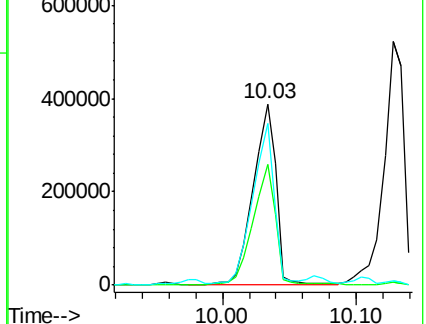
65 89.6 68.9 108.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

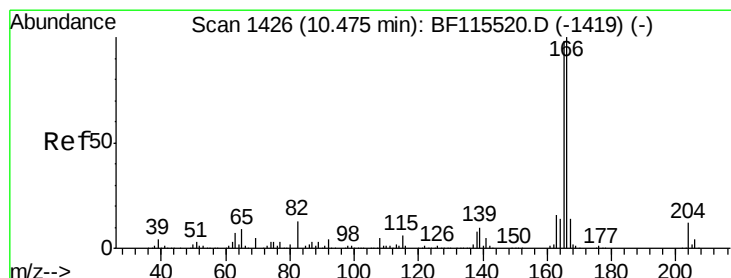
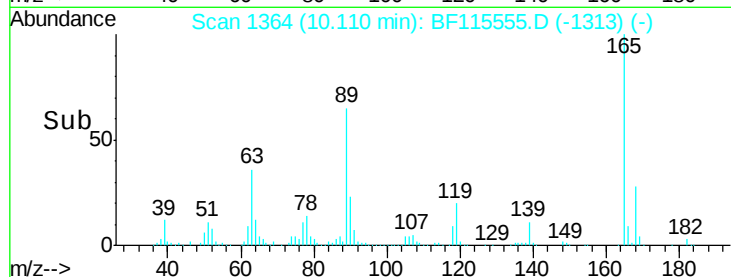
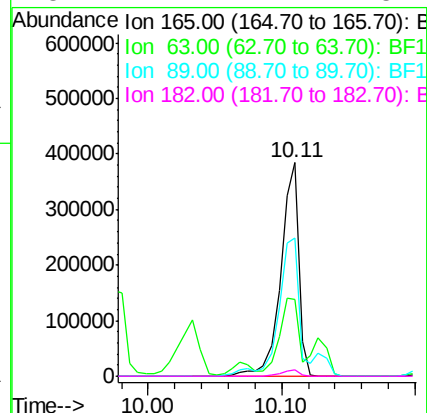
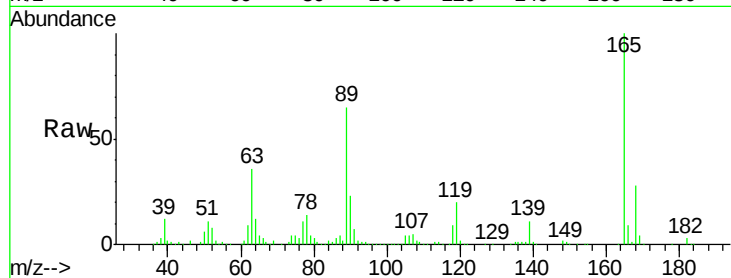




#57
 2,4-Dinitrotoluene
 Concen: 31.194 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

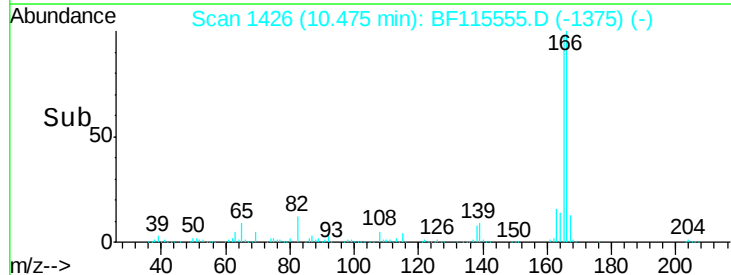
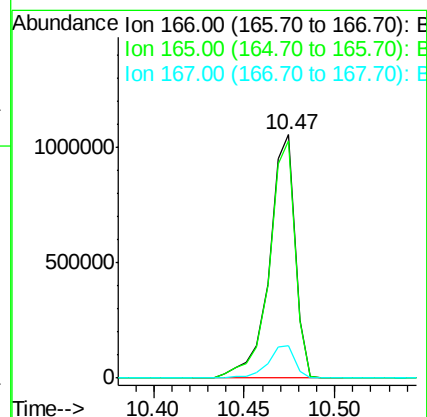
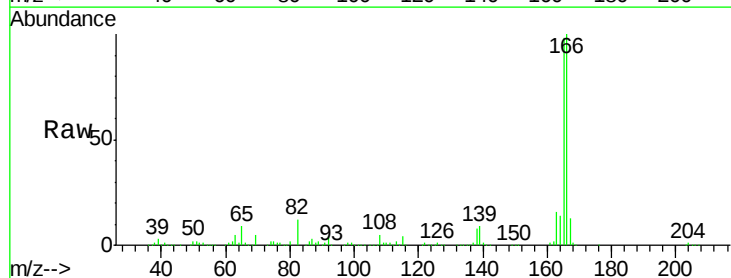
Instrument :
 BNA_F
 ClientSampled :

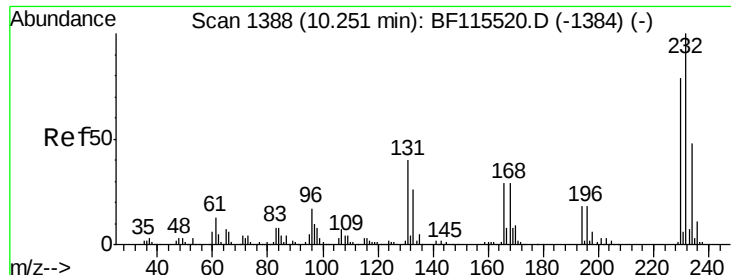
Tot Ion:165	Resp:	365067
Ion Ratio	Lower	Upper
165	100	
63	35.9	34.9 52.3
89	64.9	57.5 86.3
182	2.7	2.2 3.4



#58
 Fluorene
 Concen: 31.161 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:166	Resp:	1040855
Ion Ratio	Lower	Upper
166	100	
165	97.7	79.8 119.6
167	13.2	11.2 16.8

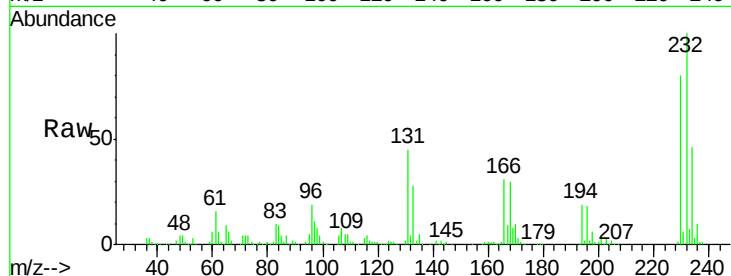




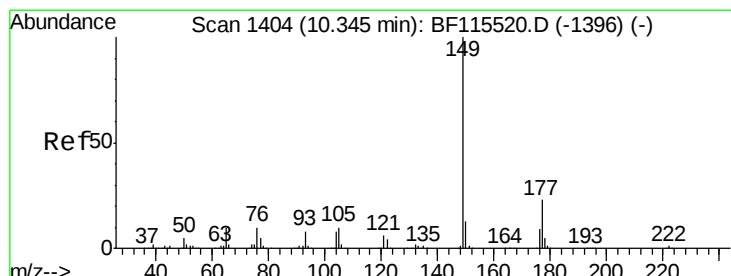
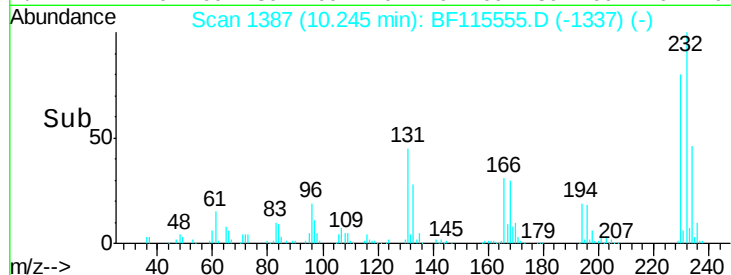
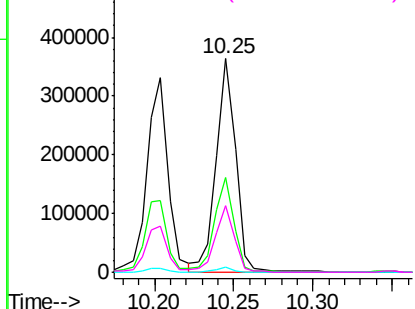
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.246 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 311223
 Ion Ratio Lower Upper
 232 100
 131 44.4 35.9 53.9
 130 2.2 1.8 2.6
 166 30.8 24.8 37.2

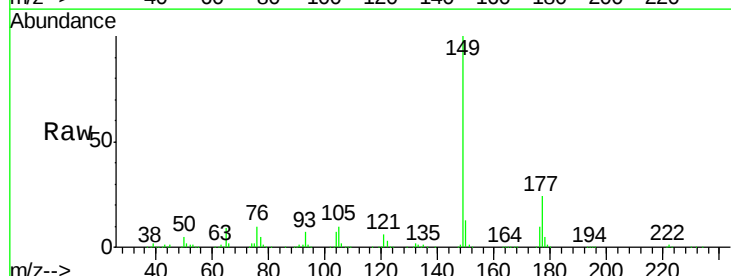


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

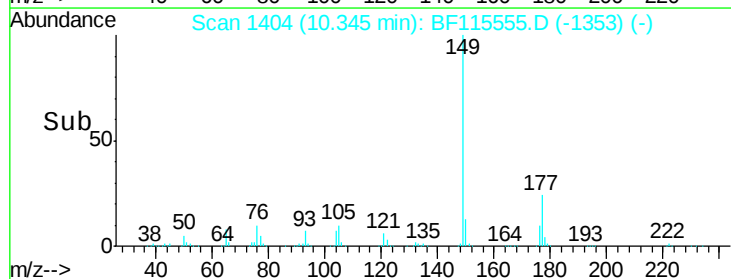
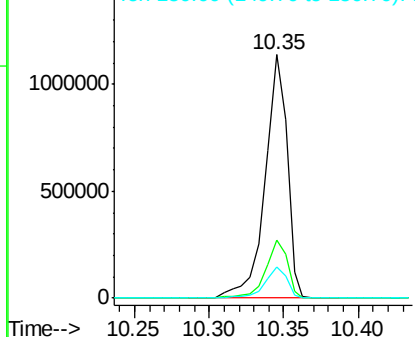


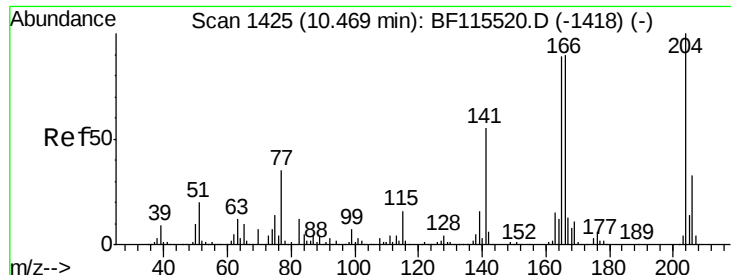
#60
 Diethylphthalate
 Concen: 31.010 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:149 Resp: 1154931
 Ion Ratio Lower Upper
 149 100
 177 23.8 19.5 29.3
 150 13.0 10.4 15.6



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

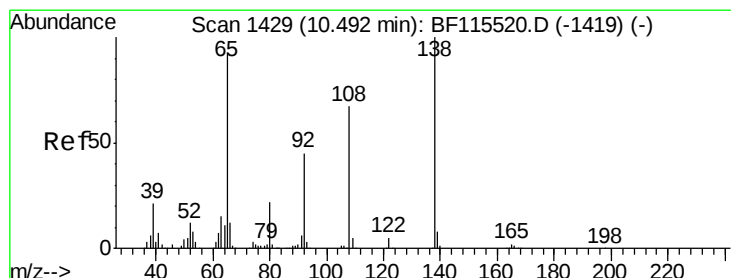
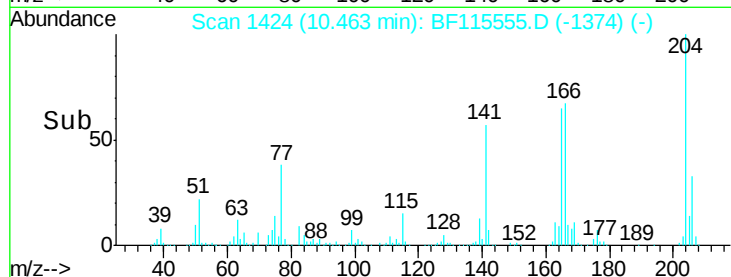
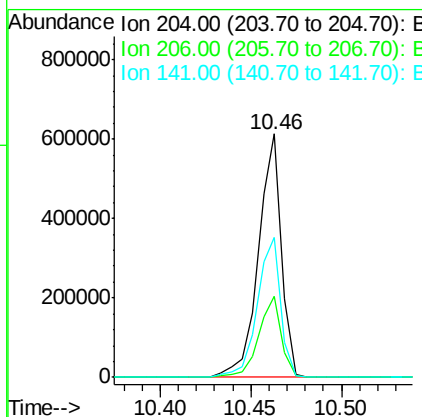
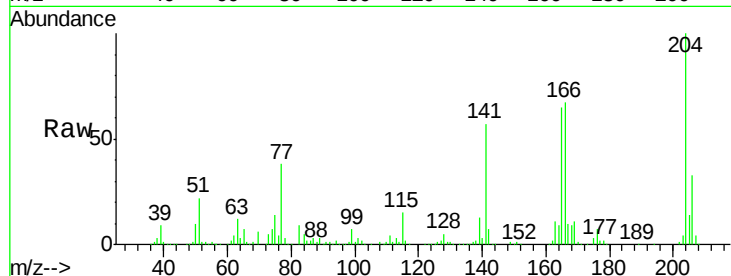




#61
 4-Chlorophenyl-phenylether
 Concen: 29.089 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

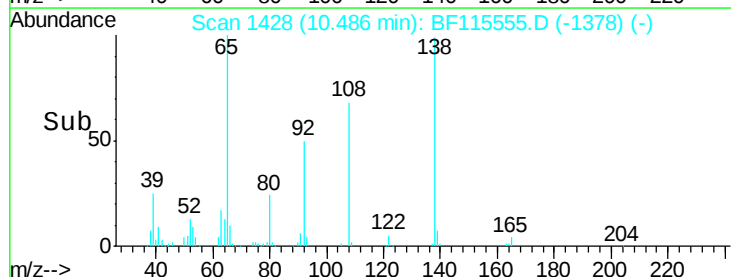
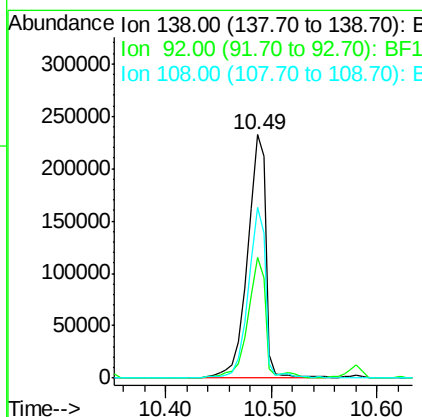
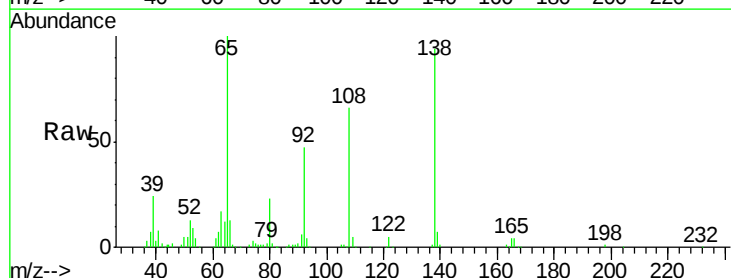
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 538818
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.7 40.1
 141 57.3 44.2 66.2



#62
 4-Nitroaniline
 Concen: 28.584 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:138 Resp: 283041
 Ion Ratio Lower Upper
 138 100
 92 49.8 27.1 67.1
 108 70.1 48.0 88.0





#63

Azobenzene

Concen: 30.947 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1117969

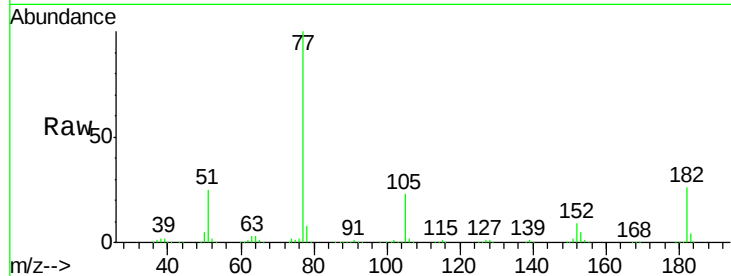
Ion Ratio Lower Upper

77 100

182 25.9 6.9 46.9

105 23.2 3.9 43.9

51 25.4 7.3 47.3

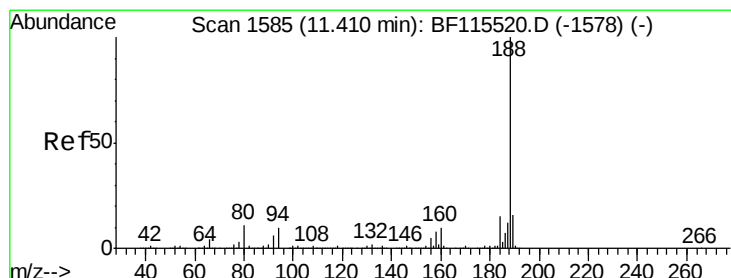
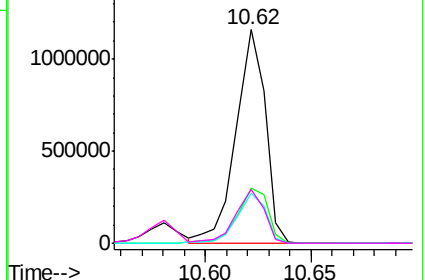
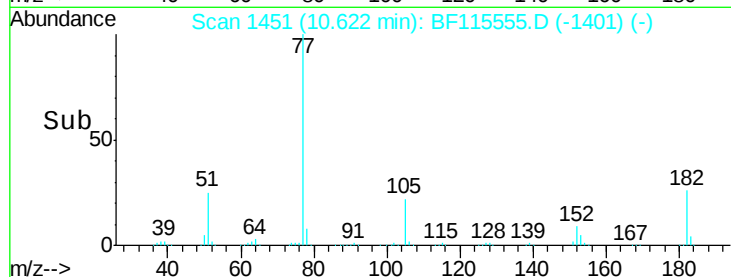


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

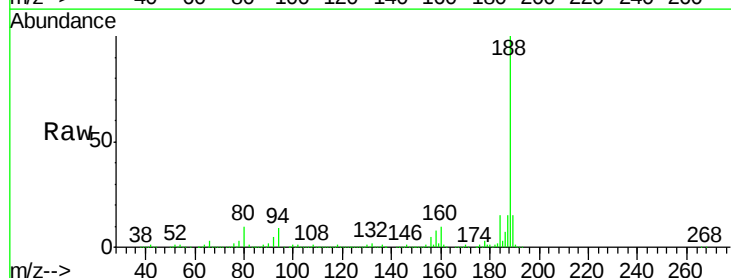
Tgt Ion: 188 Resp: 976777

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

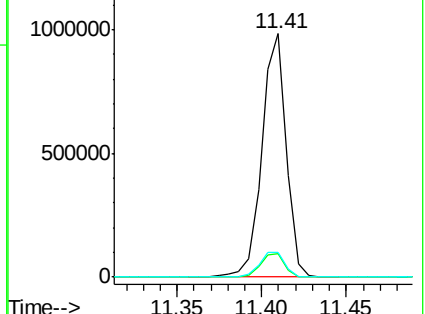
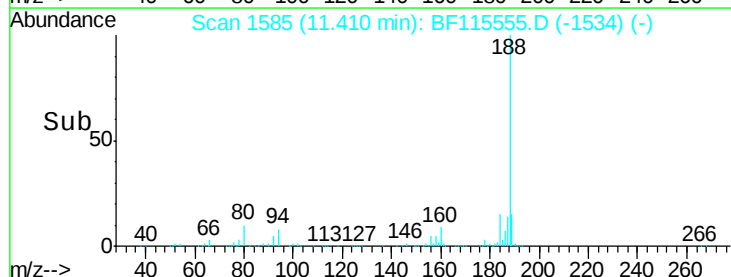
80 10.3 8.6 13.0

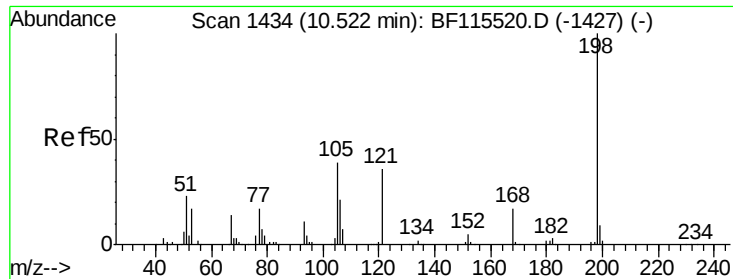


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 31.854 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

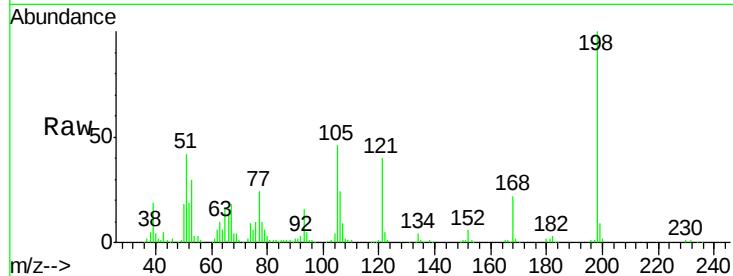
Tot Ion:198 Resp: 190097

Ion	Ratio	Lower	Upper
198	100		
51	42.0	19.1	59.1
105	45.9	23.6	63.6

198 100

51 42.0 19.1 59.1

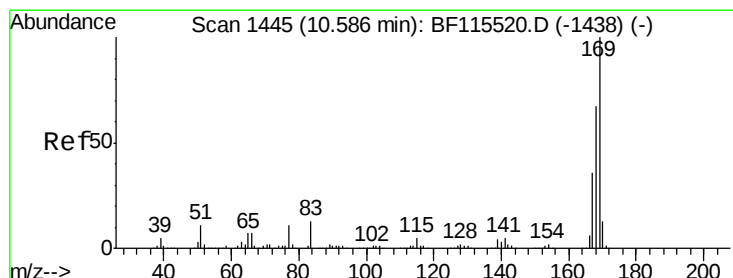
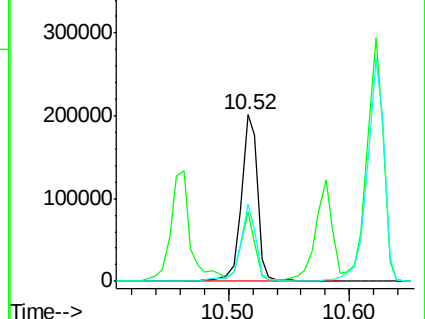
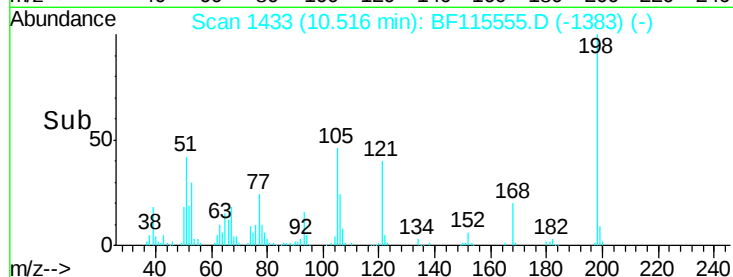
105 45.9 23.6 63.6



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: 32.065 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

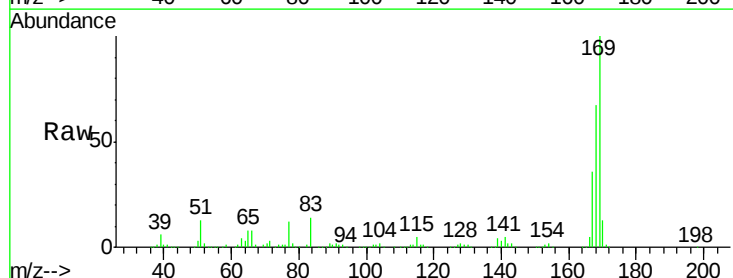
Tgt Ion:169 Resp: 974257

Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.3	81.5
167	36.2	30.2	45.2

169 100

168 67.4 54.3 81.5

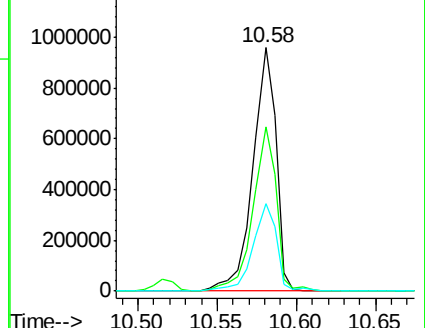
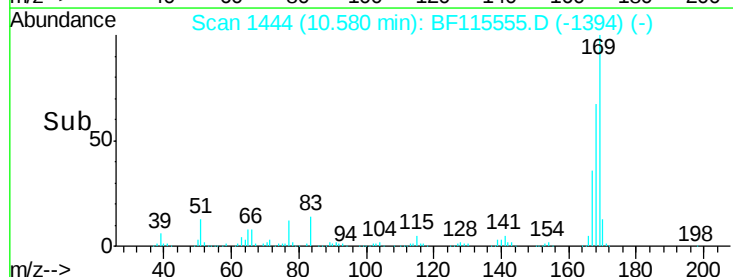
167 36.2 30.2 45.2

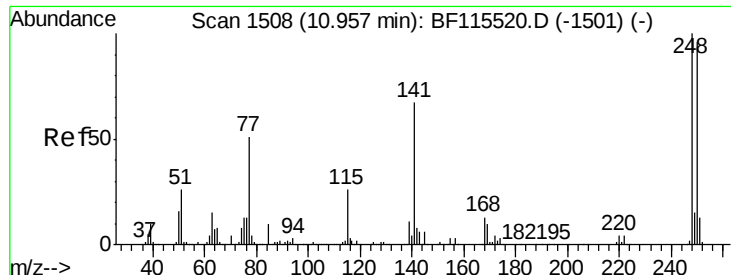


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

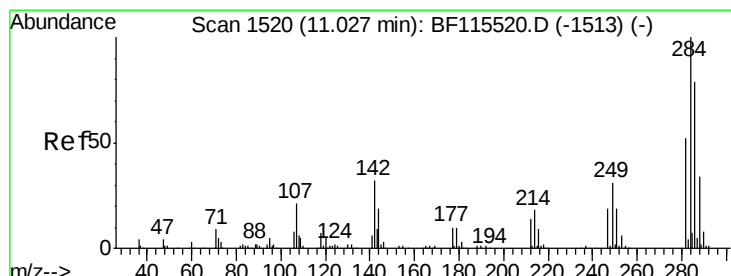
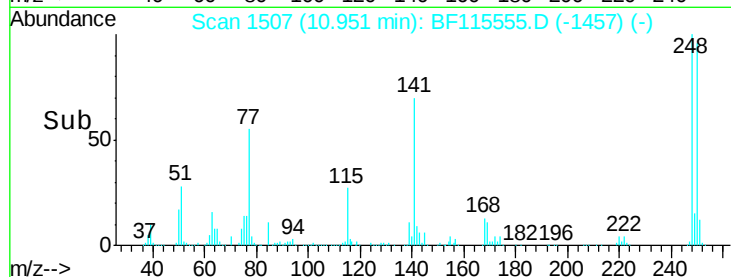
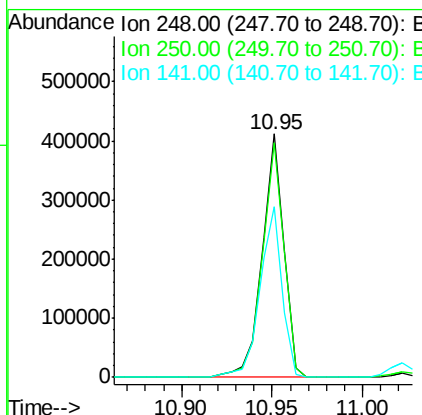
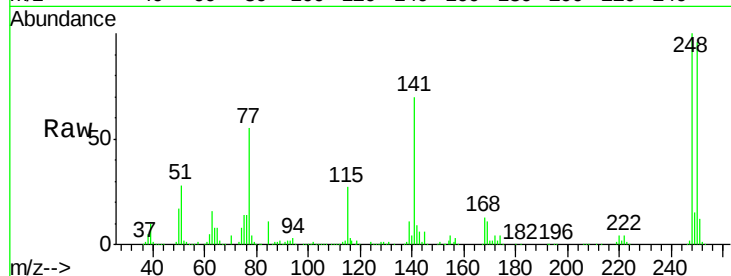




#67
4-Bromophenyl-phenylether
Concen: 30.702 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

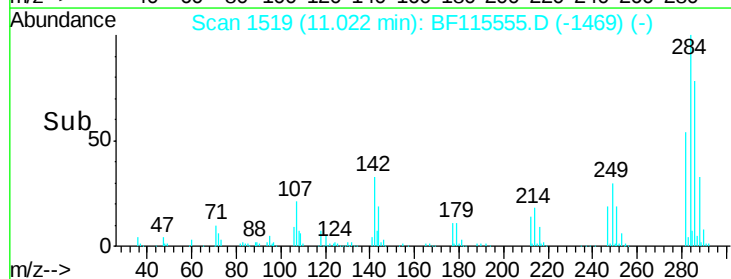
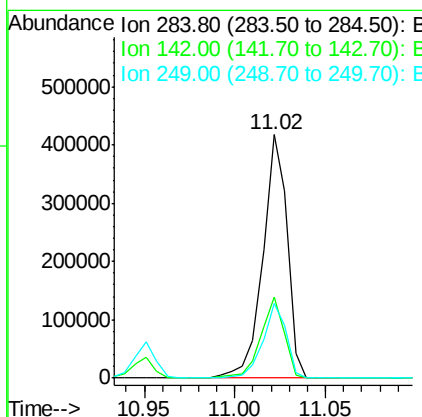
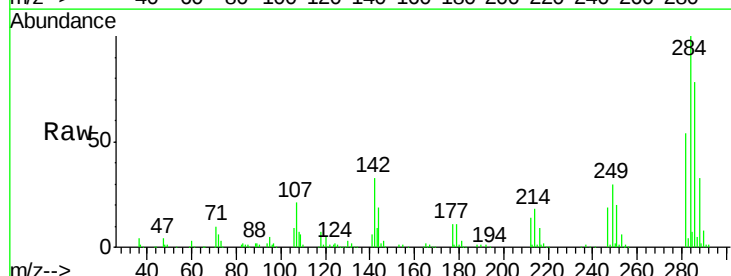
Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 342699
Ion Ratio Lower Upper
248 100
250 96.5 78.0 117.0
141 70.1 57.7 86.5



#68
Hexachlorobenzene
Concen: 30.678 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:284 Resp: 391058
Ion Ratio Lower Upper
284 100
142 33.1 22.2 33.2
249 30.5 23.4 35.2





#69

Atrazine

Concen: 31.935 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

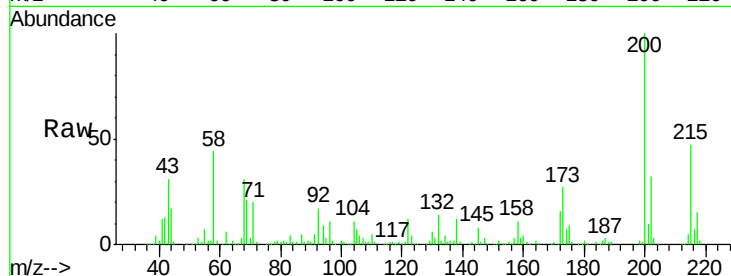
Tot Ion:200 Resp: 318320

Ion Ratio Lower Upper

200 100

173 27.0 6.9 46.9

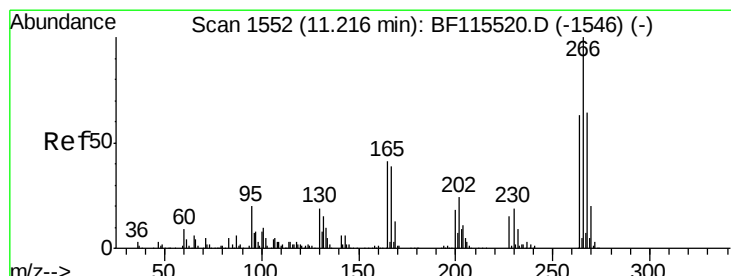
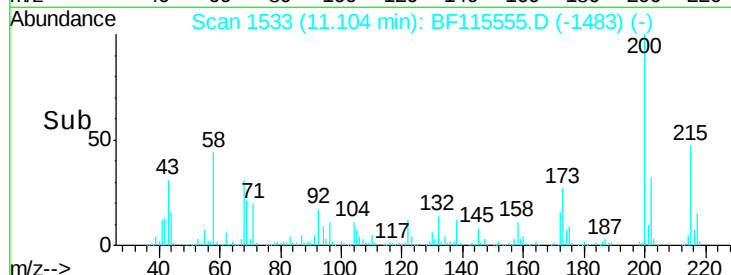
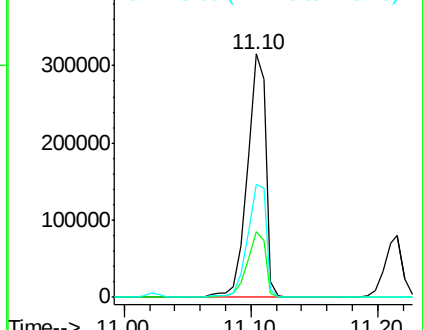
215 46.6 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 59.101 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

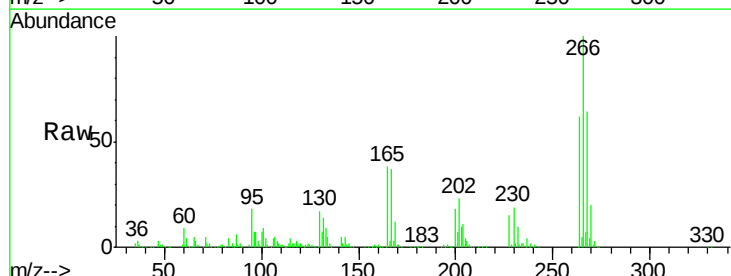
Tgt Ion:266 Resp: 460781

Ion Ratio Lower Upper

266 100

268 63.8 51.6 77.4

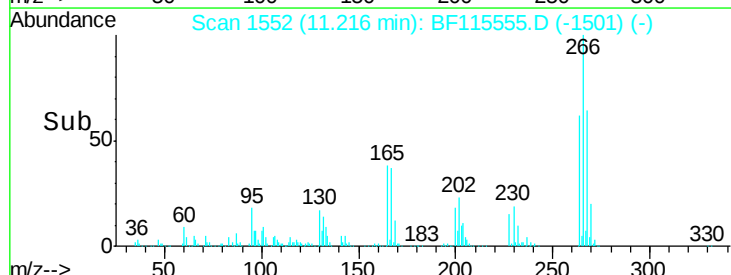
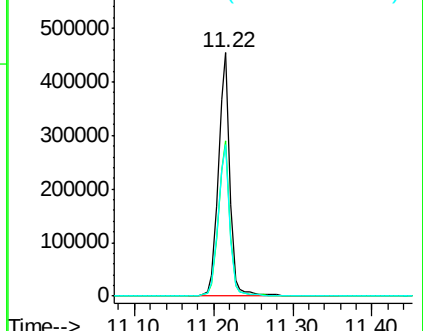
264 62.0 50.6 76.0

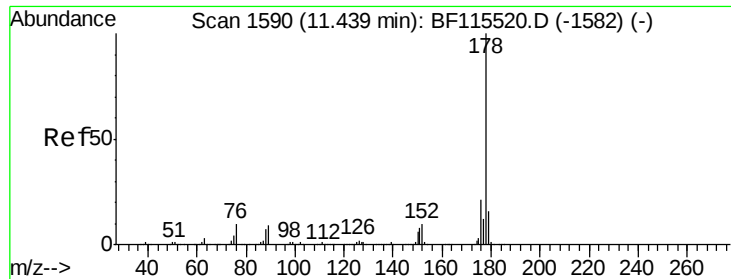


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

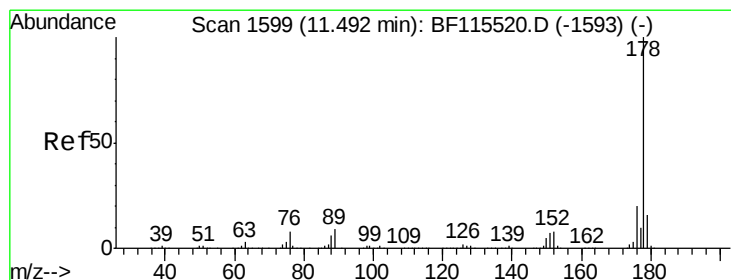
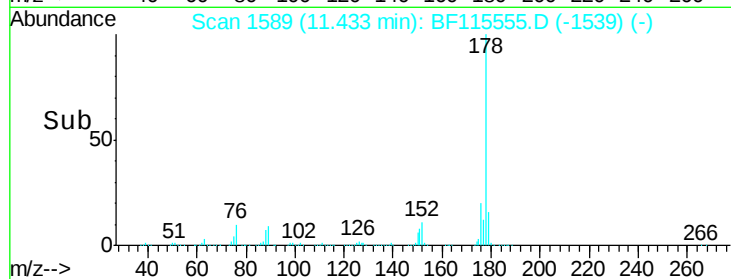
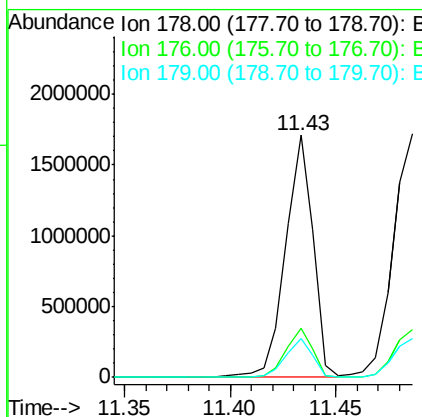
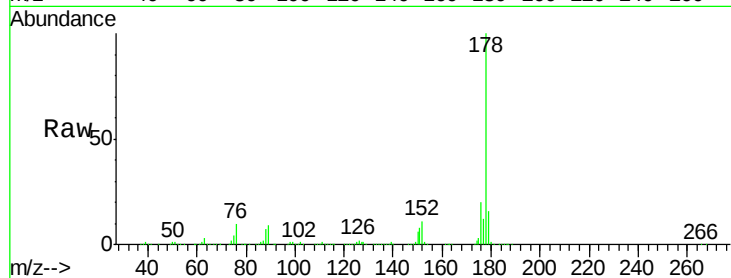




#71
Phenanthrene
Concen: 31.031 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

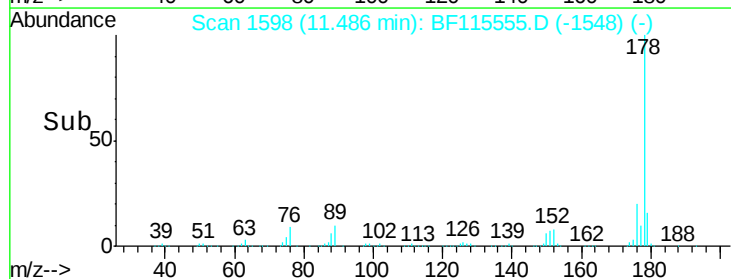
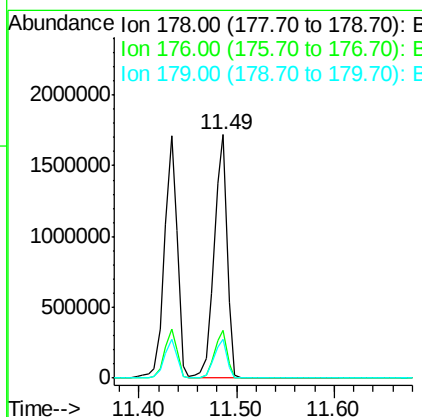
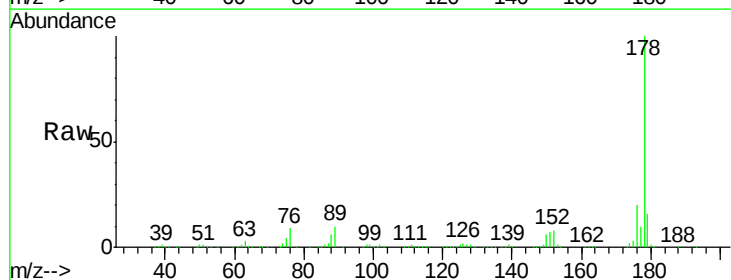
Instrument :
BNA_F
ClientSampleId :

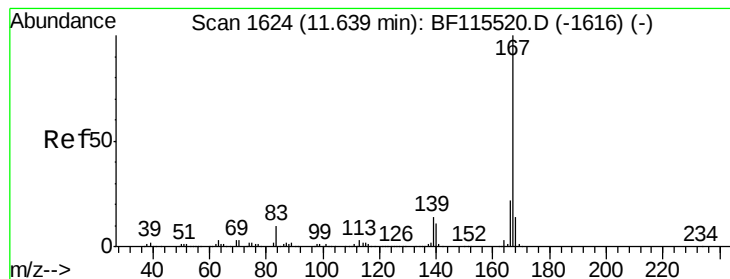
Tot Ion:178 Resp: 1553679
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 16.2 13.5 20.3



#72
Anthracene
Concen: 30.628 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:178 Resp: 1584823
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.8 12.7 19.1





#73

Carbazole

Concen: 30.374 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

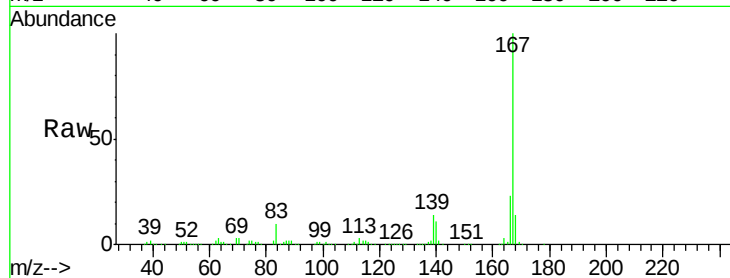
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1378220

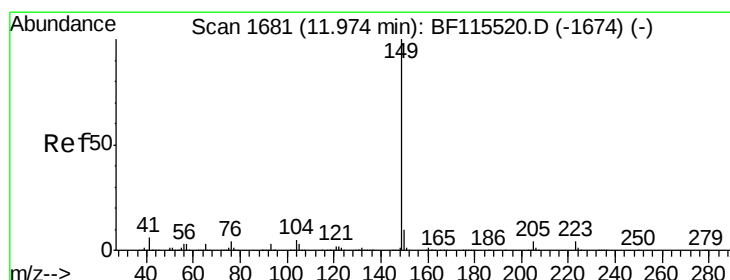
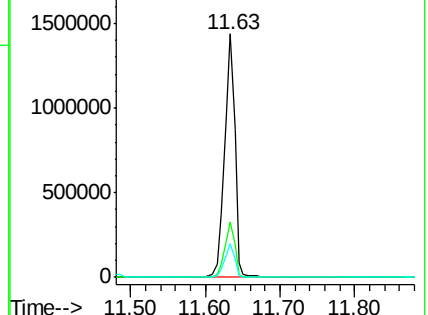
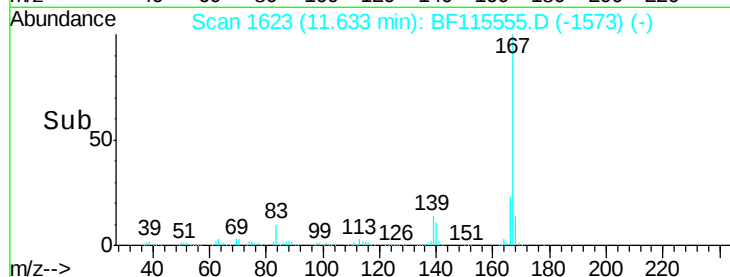
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	13.9	11.3	16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 30.002 ng

RT: 11.97 min Scan# 1680

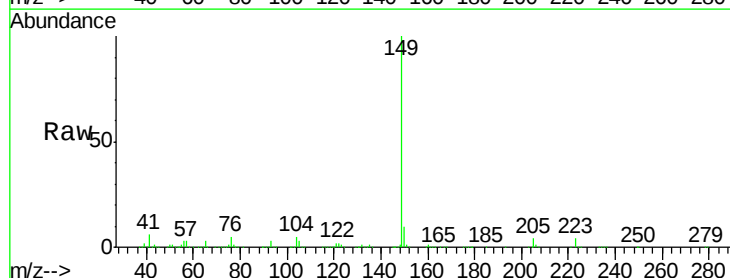
Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Tgt Ion:149 Resp: 1676867

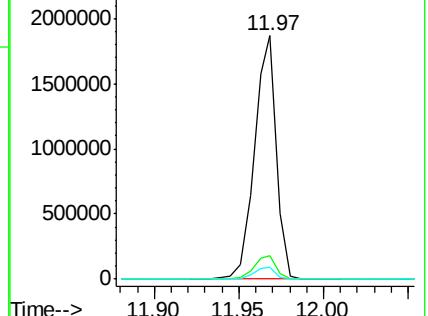
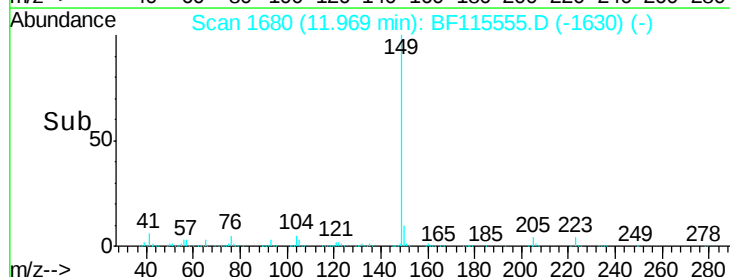
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	3.8	5.8

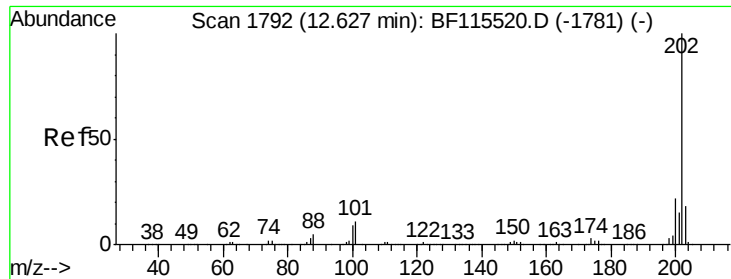


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

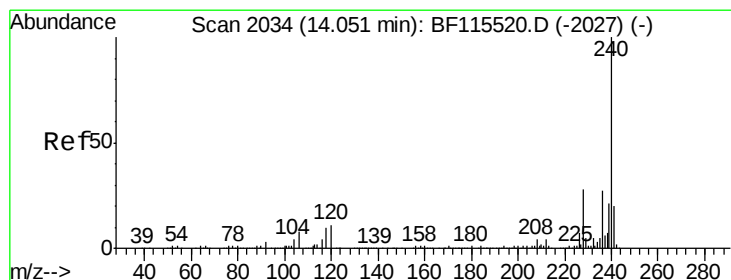
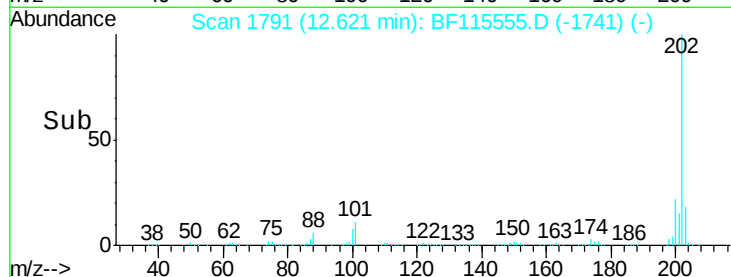
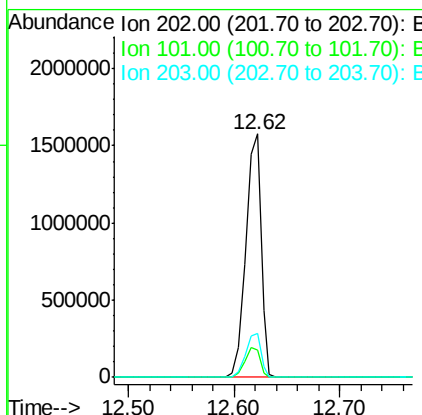
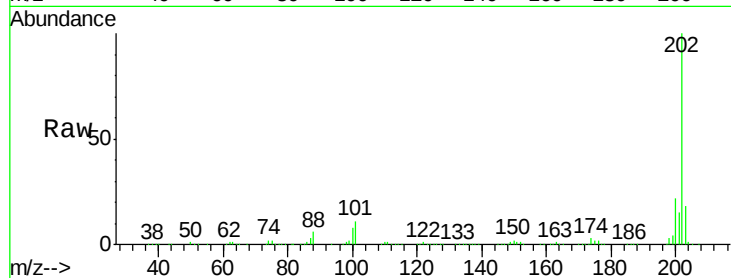




#75
 Fluoranthene
 Concen: 29.792 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

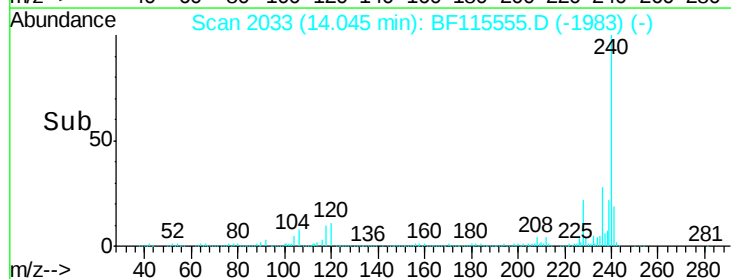
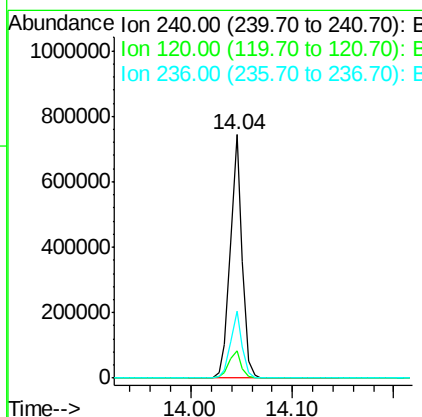
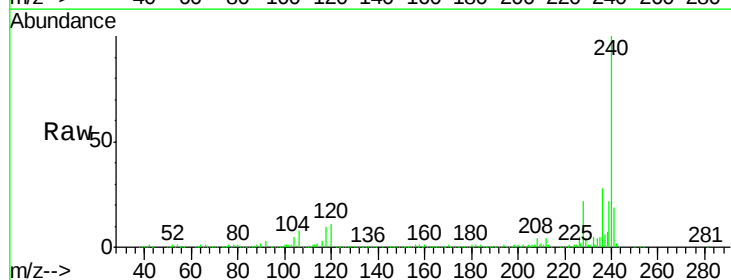
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1576293
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.4
 203 18.1 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:240 Resp: 607224
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.6 13.0
 236 27.5 21.3 31.9





#77

Benzidine

Concen: 24.776 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

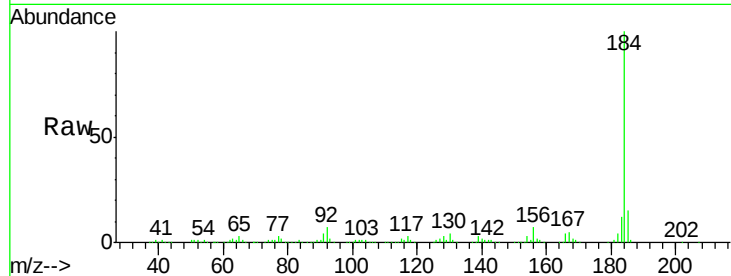
Tot Ion:184 Resp: 532963

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.0	18.0
183	11.7	9.3	13.9

184 100

185 15.4 12.0 18.0

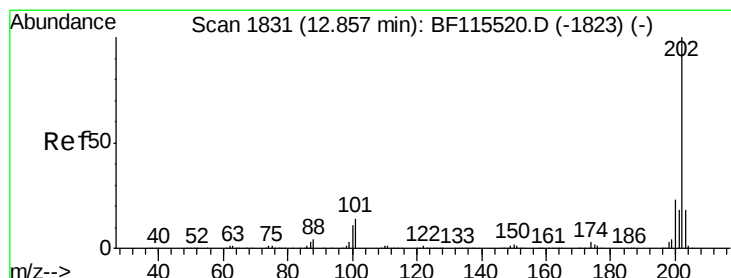
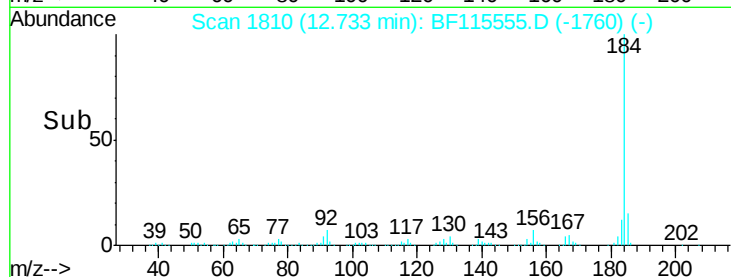
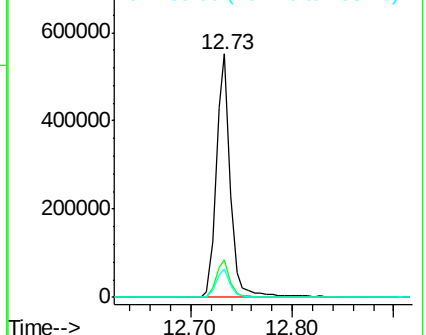
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.115 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

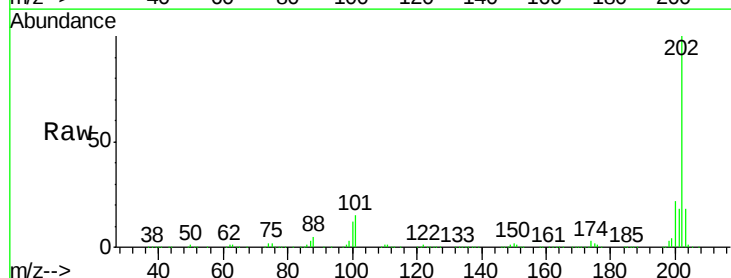
Tgt Ion:202 Resp: 1600731

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.7	28.1
203	18.0	15.2	22.8

202 100

200 22.1 18.7 28.1

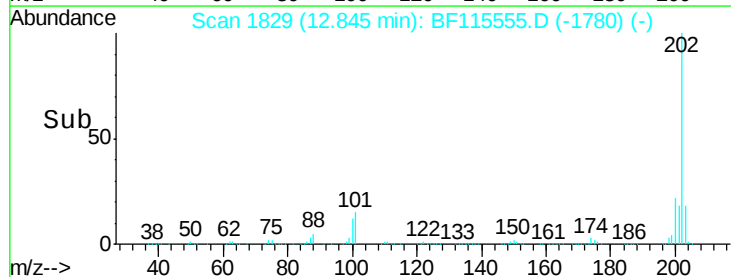
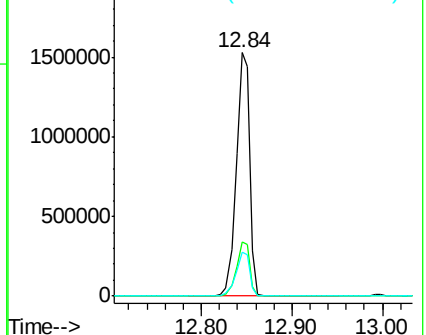
203 18.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

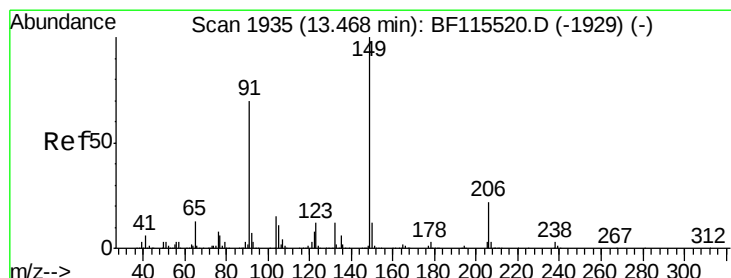
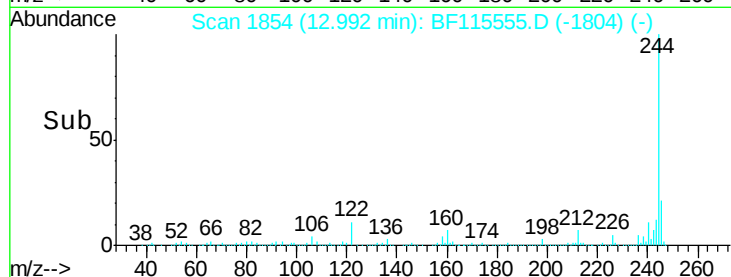
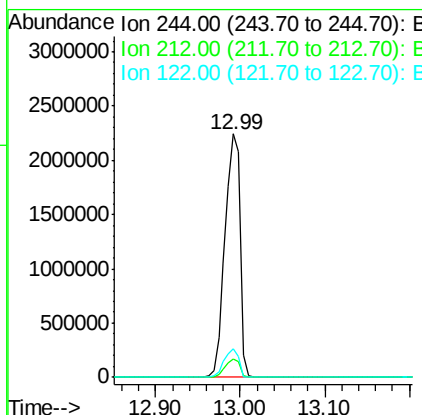
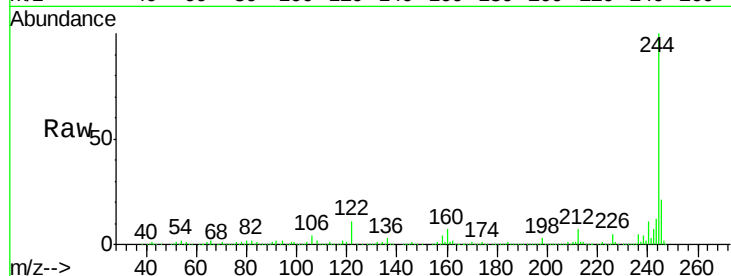




#79
 Terphenyl-d14
 Concen: 84.247 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

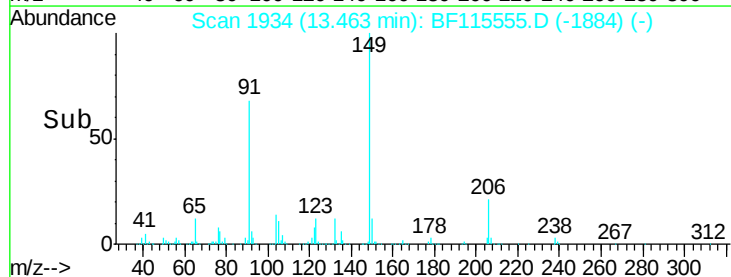
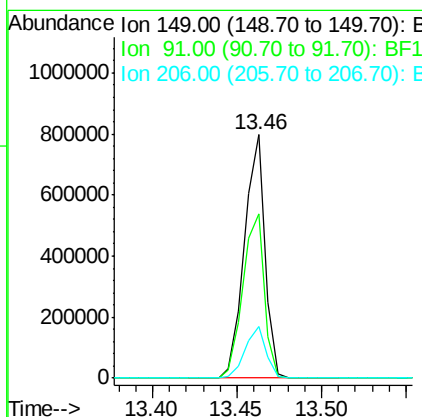
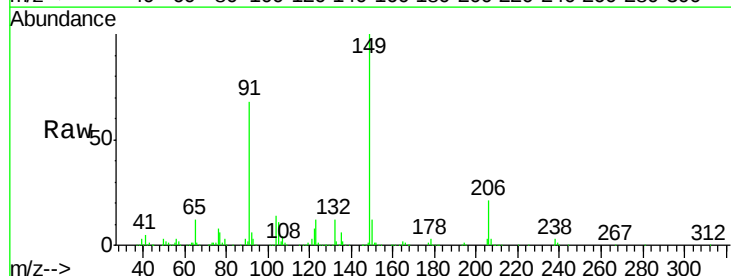
Instrument :
 BNA_F
 ClientSampleId :

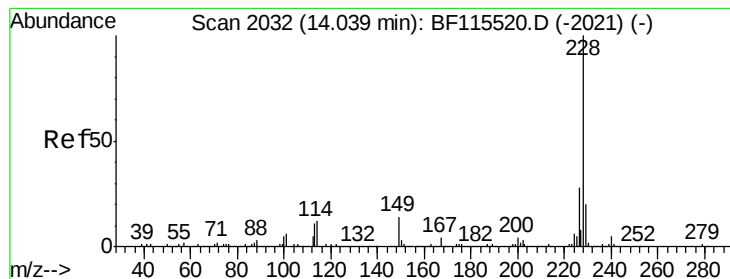
Tot Ion:244 Resp: 2772459
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.5 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 30.891 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115555.D
 Acq: 15 Jul 2019 10:24

Tgt Ion:149 Resp: 677470
 Ion Ratio Lower Upper
 149 100
 91 67.7 55.8 83.8
 206 21.4 18.2 27.2





#81

Benzo(a)anthracene

Concen: 29.959 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

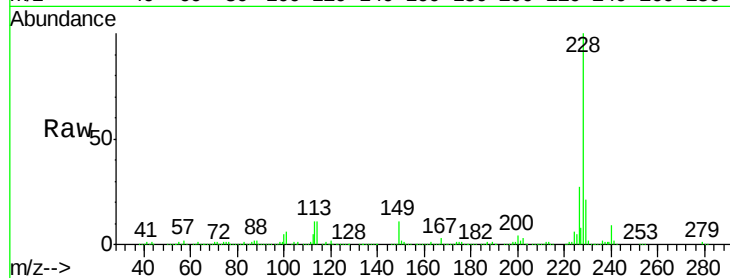
Tot Ion:228 Resp: 1198489

Ion Ratio Lower Upper

228 100

226 27.2 23.4 35.0

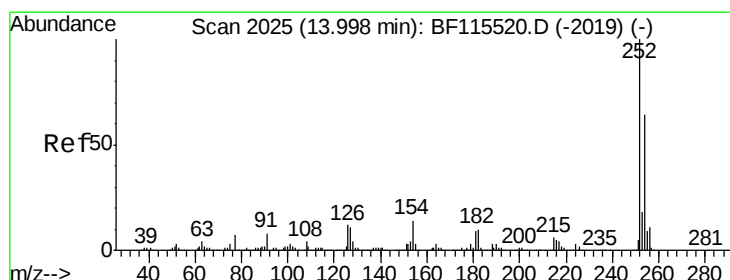
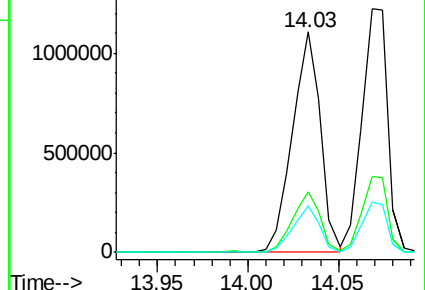
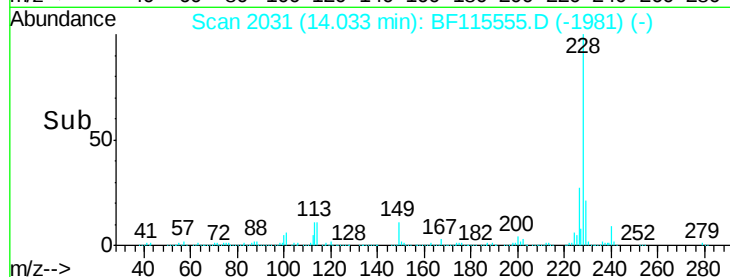
229 20.8 17.2 25.8



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: 25.565 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

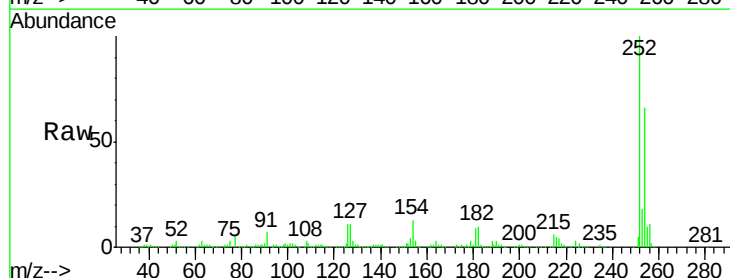
Tgt Ion:252 Resp: 363559

Ion Ratio Lower Upper

252 100

254 65.6 52.9 79.3

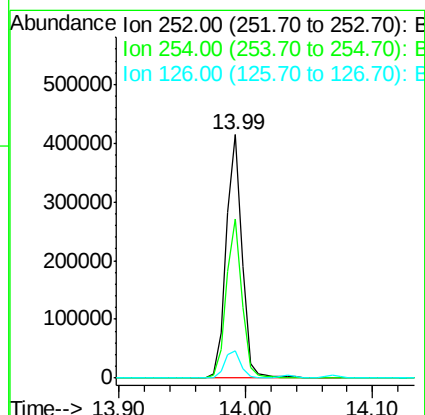
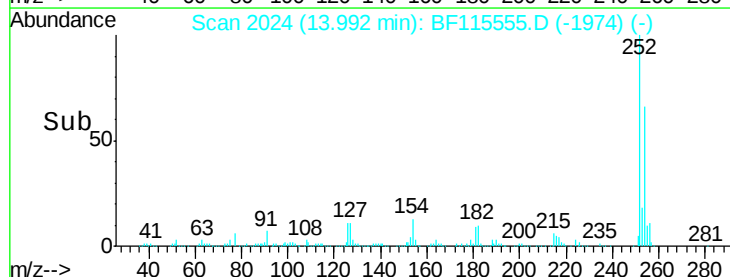
126 11.0 9.9 14.9



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

Chrysene

Concen: 30.444 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

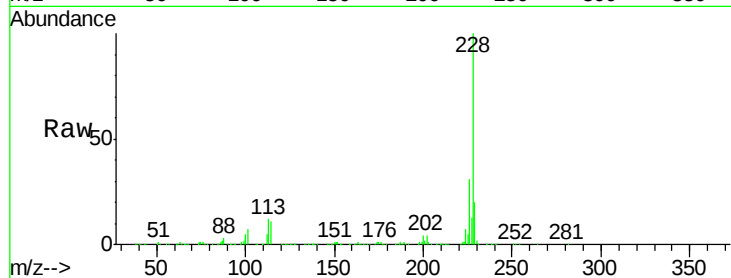
Tot Ion:228 Resp: 1222603

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

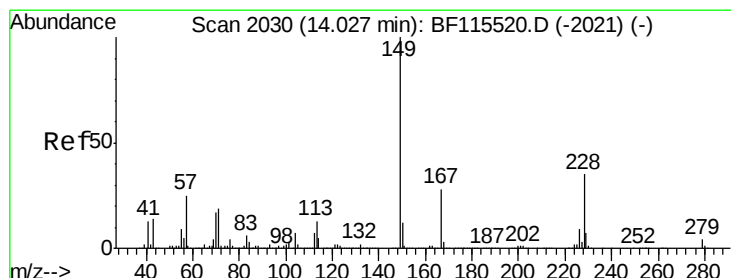
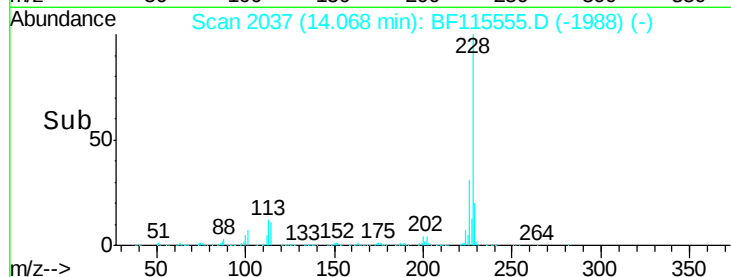
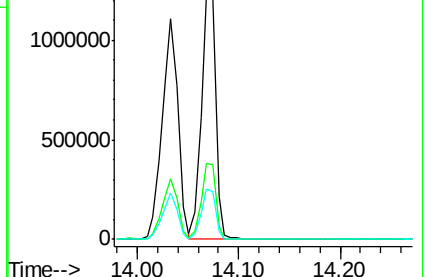
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.541 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

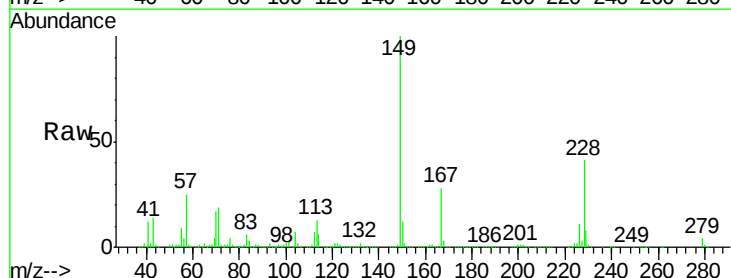
Tgt Ion:149 Resp: 856850

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

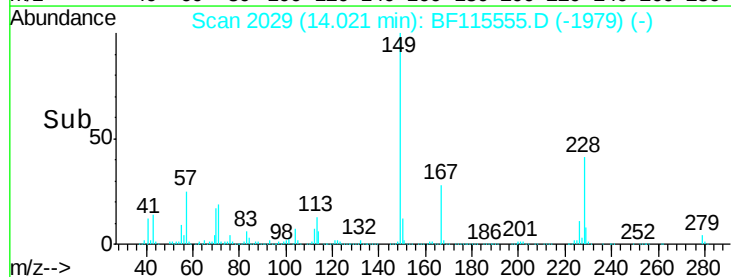
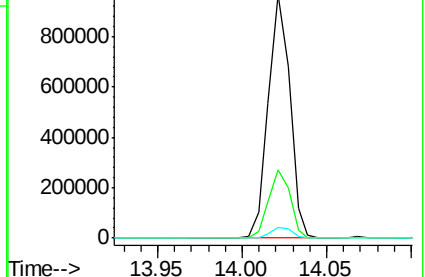
279 4.1 4.2 6.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.262 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

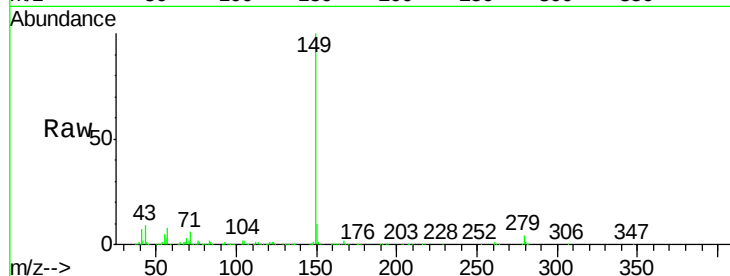
Tot Ion:149 Resp: 1394463

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

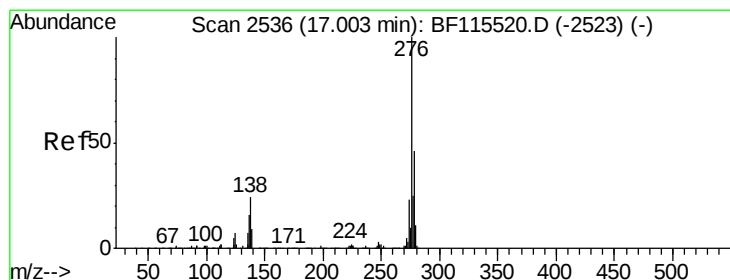
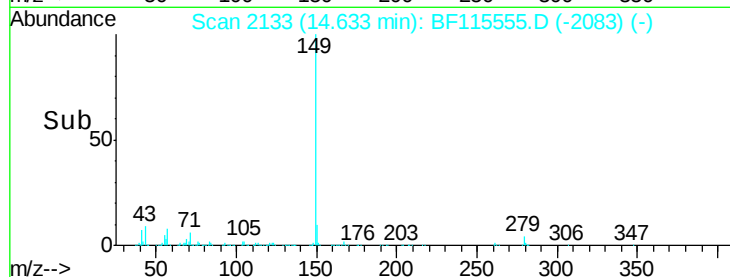
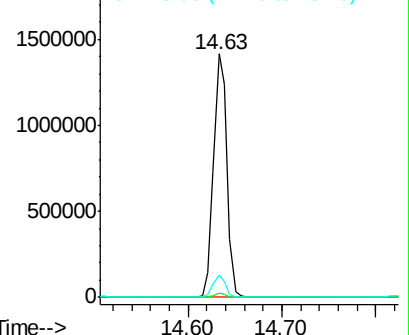
43 8.4 7.2 10.8



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: 28.420 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

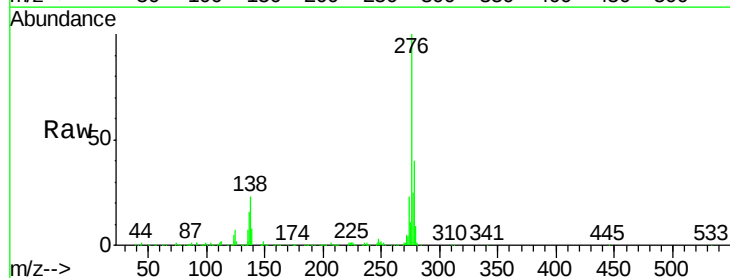
Tgt Ion:276 Resp: 969647

Ion Ratio Lower Upper

276 100

138 24.8 20.2 30.2

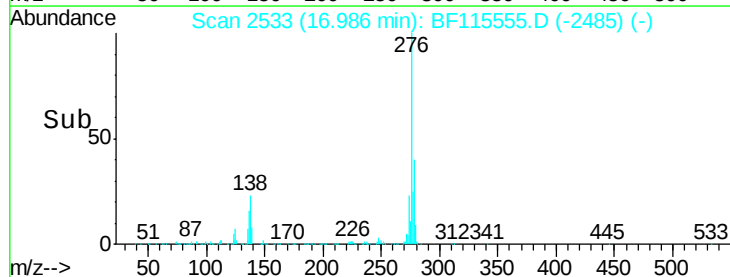
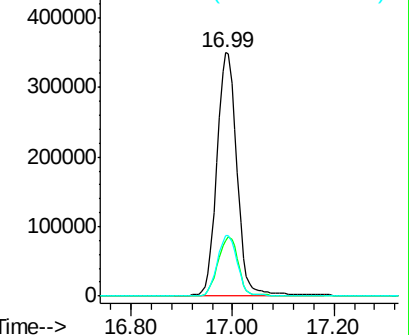
277 25.2 20.4 30.6

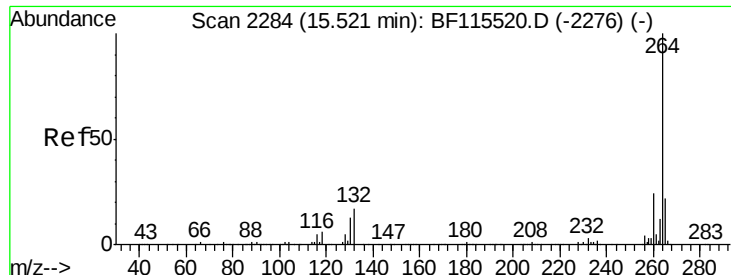


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

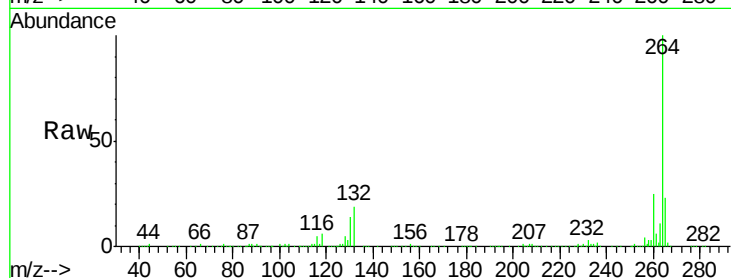
Tot Ion:264 Resp: 495920

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

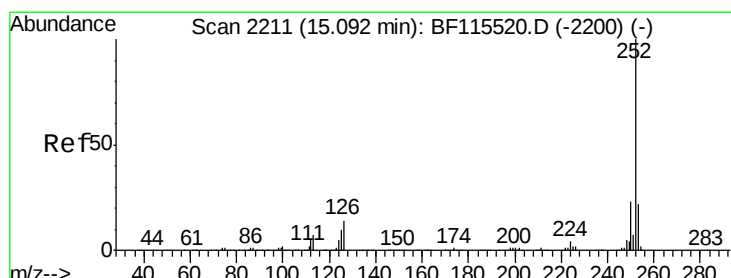
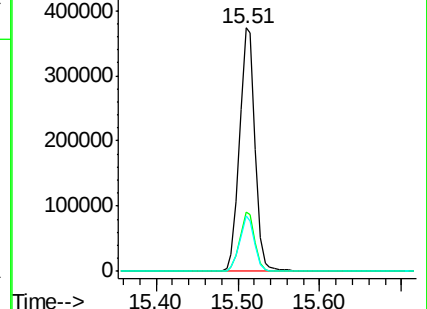
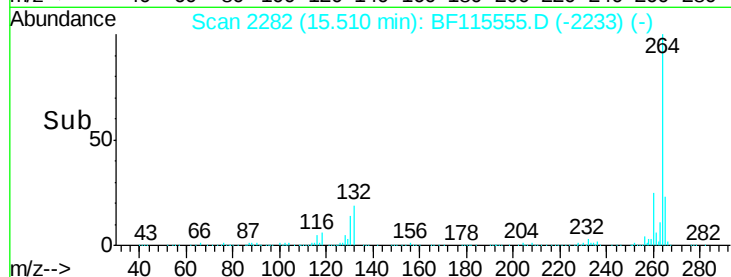
265 22.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 33.069 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

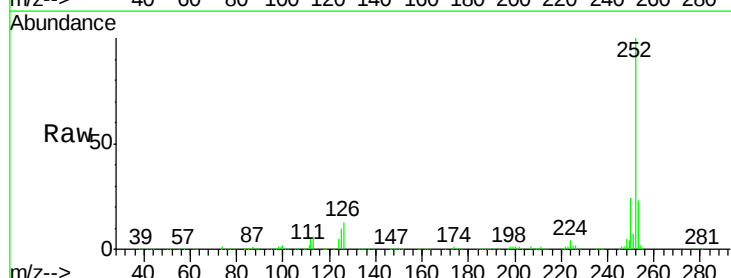
Tgt Ion:252 Resp: 1055999

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

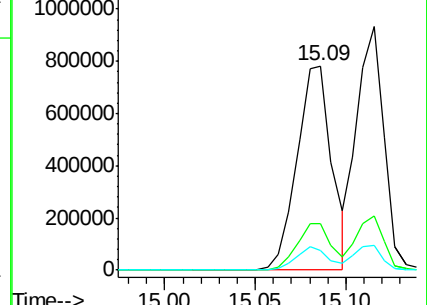
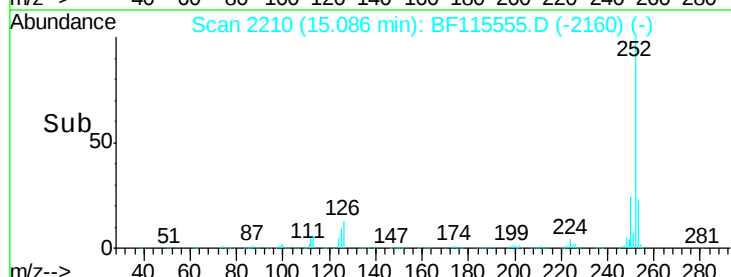
125 9.7 9.0 13.4

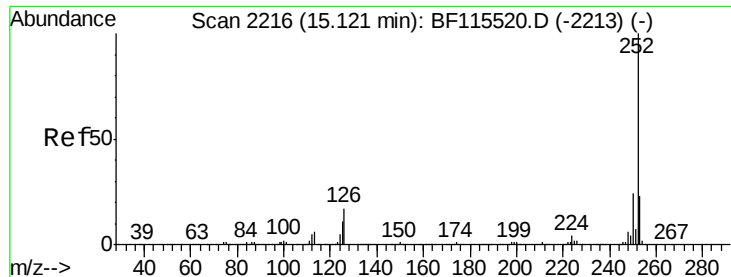


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

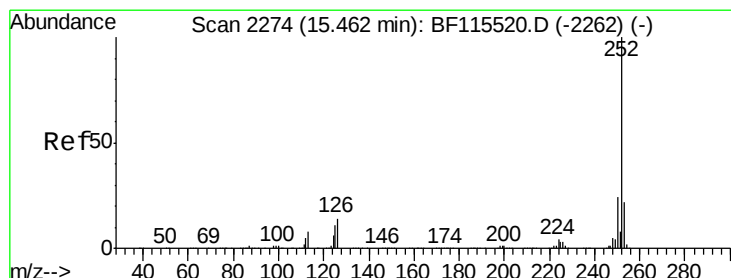
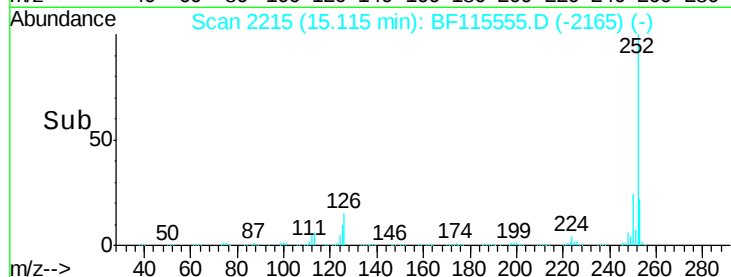
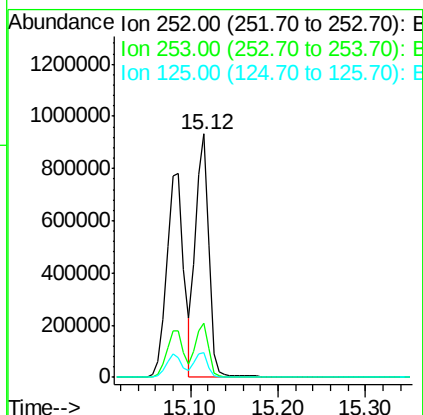
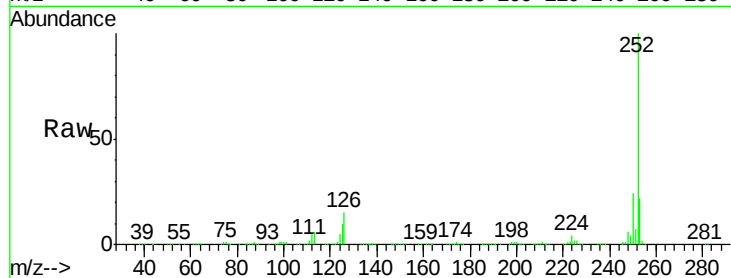




#89
Benzo(k)fluoranthene
Concen: 34.828 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

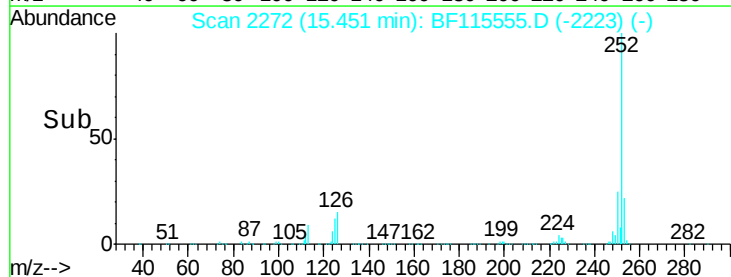
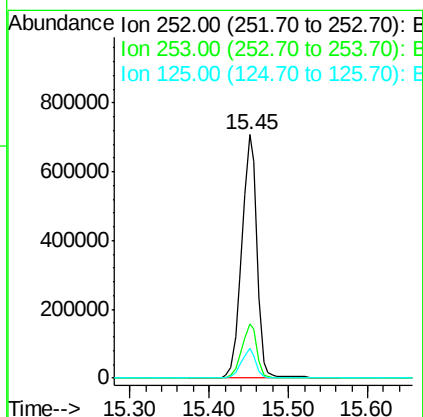
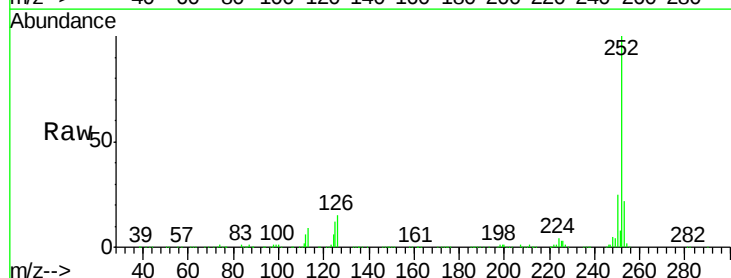
Instrument :
BNA_F
ClientSampleId :

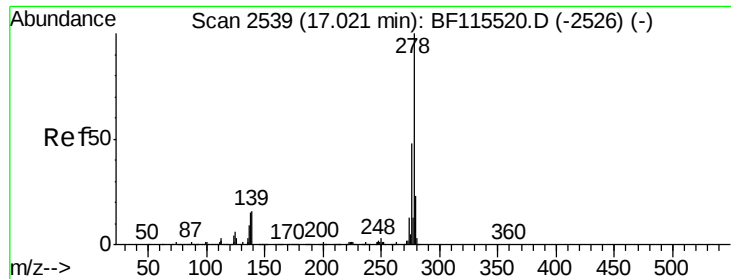
Tot Ion:252 Resp: 991556
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 10.3 9.0 13.6



#90
Benzo(a)pyrene
Concen: 34.195 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115555.D
Acq: 15 Jul 2019 10:24

Tgt Ion:252 Resp: 938528
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 12.1 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 33.719 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

Instrument :

BNA_F

ClientSampleId :

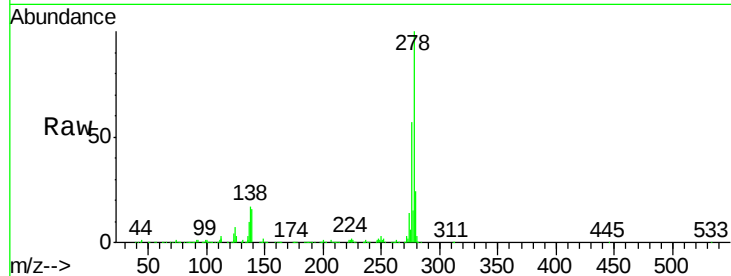
Tot Ion:278 Resp: 812454

Ion Ratio Lower Upper

278 100

139 16.5 13.1 19.7

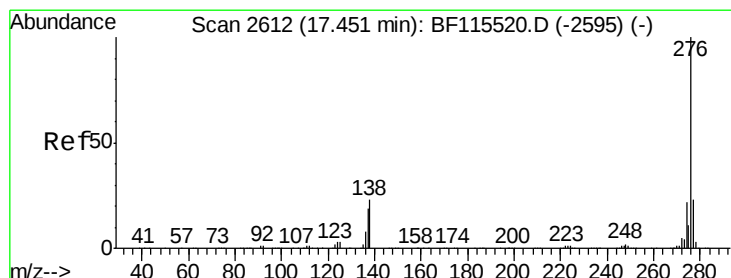
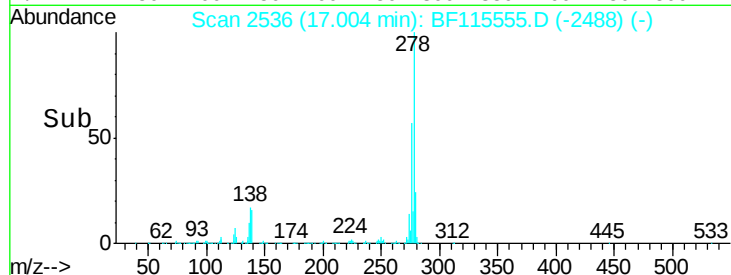
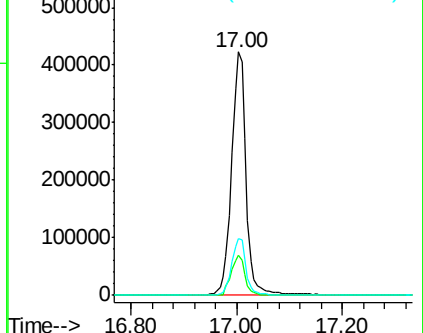
279 23.6 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 31.438 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115555.D

Acq: 15 Jul 2019 10:24

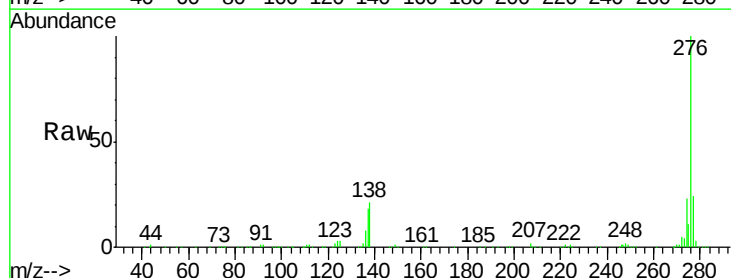
Tgt Ion:276 Resp: 755464

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 21.3 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

