

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115053.D
 Acq On : 14 Jun 2019 21:18
 Operator : HP/JU
 Sample : K3361-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:53:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	270912	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1027255	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	475611	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	817678	20.00	ng	0.00
76) Chrysene-d12	13.77	240	489102	20.00	ng	-0.01
87) Perylene-d12	15.14	264	530794	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1503375	92.66	ng	0.00
7) Phenol-d6	6.30	99	1869703	95.53	ng	0.00
23) Nitrobenzene-d5	7.21	82	1162012	68.09	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	435818	85.57	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2164300	77.12	ng	0.00
79) Terphenyl-d14	12.73	244	1859070	71.49	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	203397	26.783	ng	99
3) Pyridine	3.01	79	466082	21.799	ng	99
4) n-Nitrosodimethylamine	2.94	42	220872	29.097	ng	96
6) Aniline	6.31	93	501364	19.129	ng	# 51
8) 2-Chlorophenol	6.43	128	584716	31.783	ng	98
9) Benzaldehyde	6.19	77	118755	4.955	ng	99
10) Phenol	6.31	94	695027	31.741	ng	84
11) bis(2-Chloroethyl)ether	6.39	93	533144	31.370	ng	99
12) 1,3-Dichlorobenzene	6.59	146	642180	29.885	ng	99
13) 1,4-Dichlorobenzene	6.66	146	657090	30.416	ng	99
14) 1,2-Dichlorobenzene	6.82	146	605382	29.765	ng	99
15) Benzyl Alcohol	6.79	79	399510	27.245	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	690126	30.340	ng	98
17) 2-Methylphenol	6.92	107	496410	32.350	ng	99
18) Hexachloroethane	7.16	117	218307	27.982	ng	94
19) n-Nitroso-di-n-propylamine	7.07	70	369470	31.072	ng	96
20) 3+4-Methylphenols	7.07	107	574970	31.483	ng	95
22) Acetophenone	7.06	105	794447	34.164	ng	# 95
24) Nitrobenzene	7.23	77	574802	33.103	ng	93
25) Isophorone	7.47	82	1048556	32.804	ng	98
26) 2-Nitrophenol	7.55	139	297986	30.788	ng	97
27) 2,4-Dimethylphenol	7.59	122	501619	35.927	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	668279	32.587	ng	100
29) 2,4-Dichlorophenol	7.79	162	479835	32.532	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	548912	32.207	ng	99
31) Naphthalene	7.95	128	1667290	34.304	ng	99
32) Benzoic acid	7.59	122	501619	49.654	ng	# 16
33) 4-Chloroaniline	8.00	127	423672	18.884	ng	98
34) Hexachlorobutadiene	8.07	225	302052	31.885	ng	98
35) Caprolactam	8.36	113	79288	16.140	ng	94
36) 4-Chloro-3-methylphenol	8.49	107	482371	32.452	ng	99
37) 2-Methylnaphthalene	8.64	142	1115409	34.408	ng	99
38) 1-Methylnaphthalene	8.74	142	1045325	34.118	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	486040	34.590	ng	99

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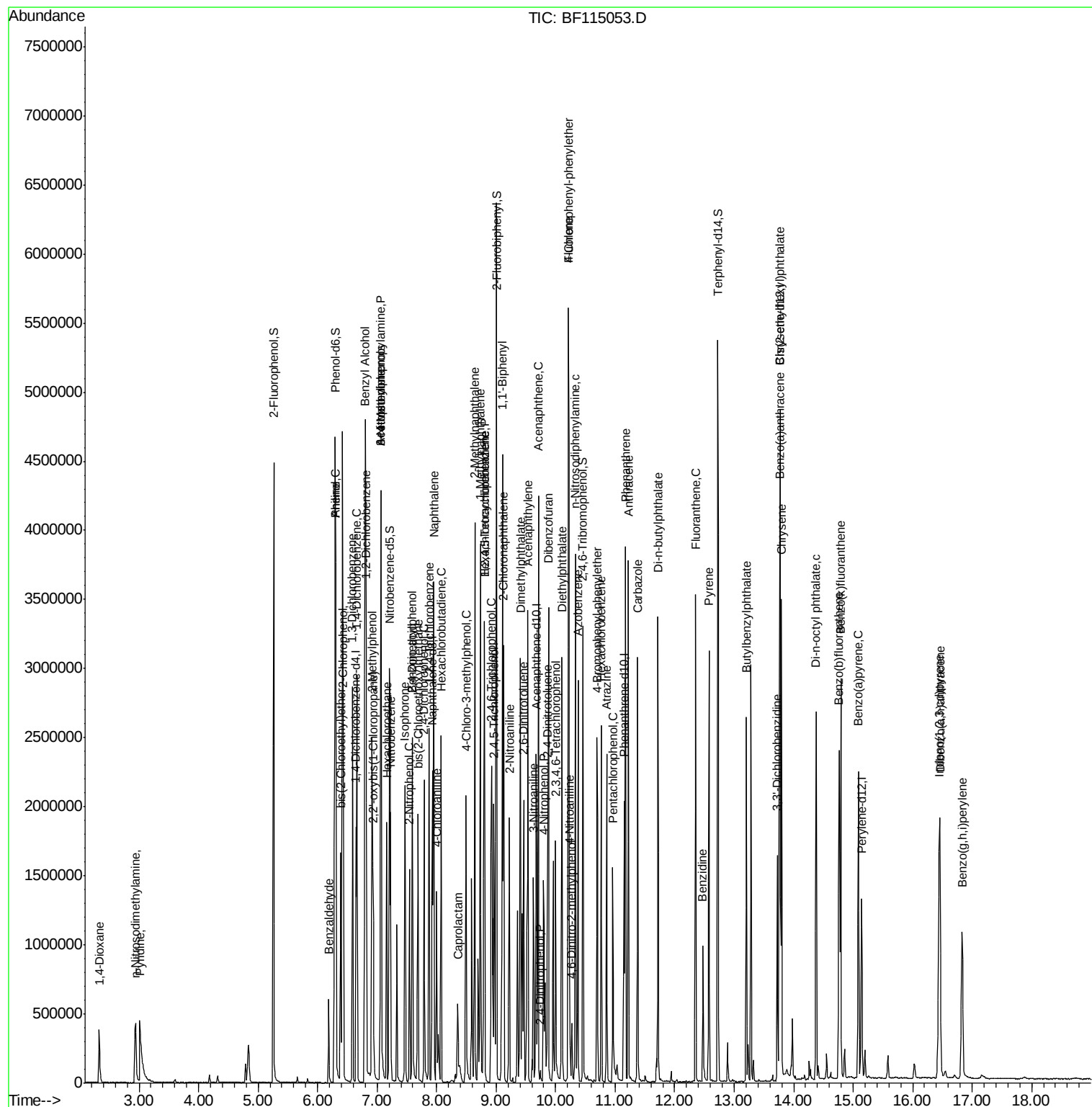
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	308622	44.573	ng	100
43) 2,4,6-Trichlorophenol	8.92	196	306203	29.176	ng	98
44) 2,4,5-Trichlorophenol	8.96	196	326416	30.776	ng	97
46) 1,1'-Biphenyl	9.10	154	1302683	34.180	ng	99
47) 2-Chloronaphthalene	9.13	162	1025191	33.264	ng	97
48) 2-Nitroaniline	9.22	65	284080	31.185	ng	96
49) Acenaphthylene	9.53	152	1575145	33.241	ng	99
50) Dimethylphthalate	9.41	163	1426529	39.883	ng	99
51) 2,6-Dinitrotoluene	9.46	165	273094	33.659	ng	# 88
52) Acenaphthene	9.71	154	900049	33.199	ng	99
53) 3-Nitroaniline	9.63	138	247035	24.851	ng	99
54) 2,4-Dinitrophenol	9.74	184	16111	4.094	ng	# 88
55) Dibenzofuran	9.88	168	1353872	33.135	ng	97
56) 4-Nitrophenol	9.80	139	324129	47.283	ng	99
57) 2,4-Dinitrotoluene	9.86	165	339034	32.830	ng	97
58) Fluorene	10.22	166	964659	33.343	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.00	232	248813	29.042	ng	97
60) Diethylphthalate	10.10	149	1154912	33.769	ng	99
61) 4-Chlorophenyl-phenylether	10.22	204	481509	33.777	ng	99
62) 4-Nitroaniline	10.24	138	273137	27.328	ng	98
63) Azobenzene	10.37	77	988013	33.022	ng	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	60861	13.280	ng	84
66) n-Nitrosodiphenylamine	10.33	169	907879	37.145	ng	100
67) 4-Bromophenyl-phenylether	10.70	248	310985	35.422	ng	# 91
68) Hexachlorobenzene	10.77	284	323857	33.506	ng	96
69) Atrazine	10.86	200	290785	36.900	ng	98
70) Pentachlorophenol	10.96	266	224966	42.857	ng	99
71) Phenanthrene	11.17	178	1399612	33.152	ng	98
72) Anthracene	11.22	178	1448459	34.009	ng	99
73) Carbazole	11.38	167	1263263	33.982	ng	97
74) Di-n-butylphthalate	11.72	149	1682805	35.907	ng	99
75) Fluoranthene	12.35	202	1320680	30.593	ng	99
77) Benzidine	12.47	184	365367	18.469	ng	97
78) Pyrene	12.57	202	1319064	29.604	ng	99
80) Butylbenzylphthalate	13.20	149	637333	30.625	ng	95
81) Benzo(a)anthracene	13.76	228	1135985	31.037	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	364419	25.970	ng	98
83) Chrysene	13.80	228	1140997	31.350	ng	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	852354	34.653	ng	99
85) Di-n-octyl phthalate	14.38	149	1437572	33.940	ng	99
86) Indeno(1,2,3-cd)pyrene	16.44	276	989714	30.957	ng	99
88) Benzo(b)fluoranthene	14.77	252	1188175	33.673	ng	99
89) Benzo(k)fluoranthene	14.79	252	1005533	32.467	ng	99
90) Benzo(a)pyrene	15.09	252	1032130	33.899	ng	99
91) Dibenzo(a,h)anthracene	16.46	278	843044	32.151	ng	99
92) Benzo(g,h,i)perylene	16.83	276	812415	30.380	ng	99

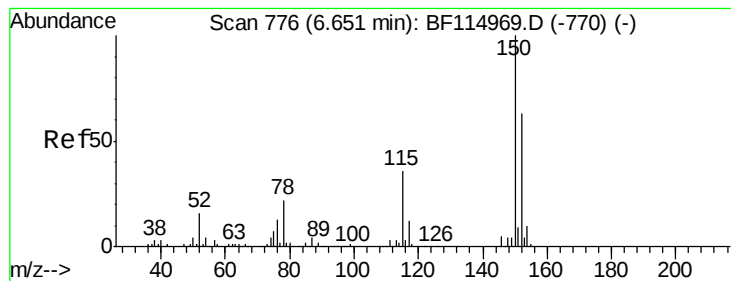
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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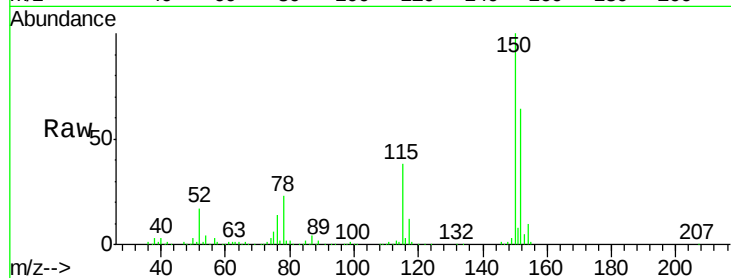


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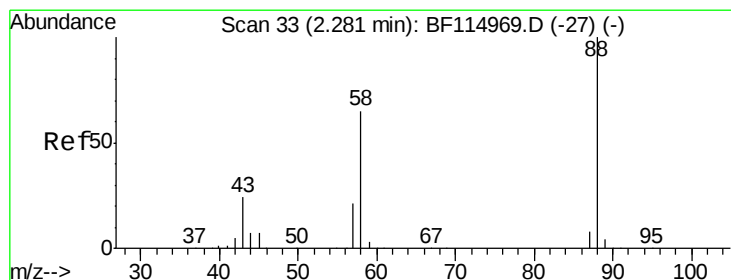
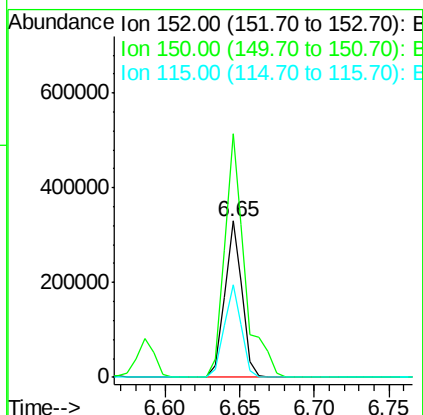
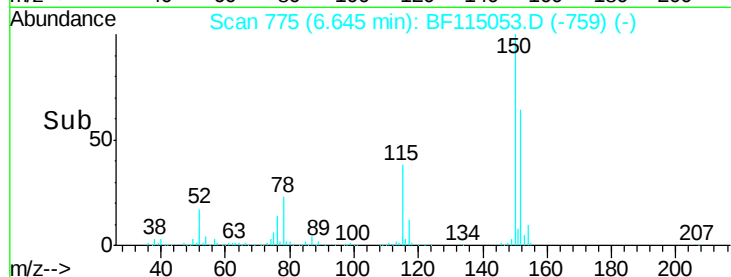
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 270912
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 59.3 46.0 69.0



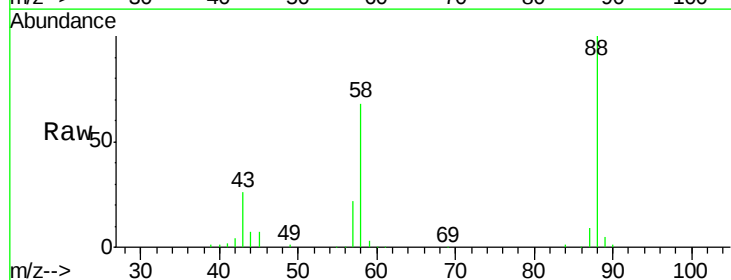
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



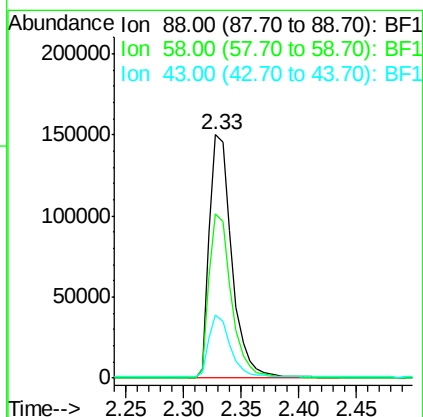
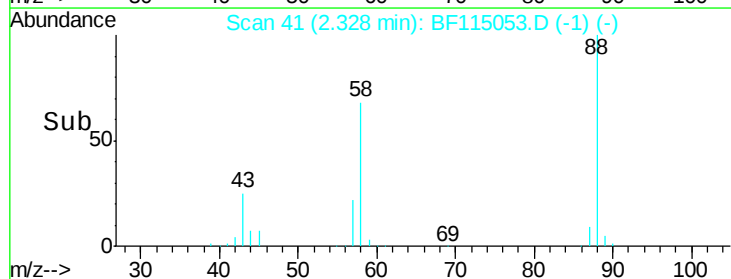
#2

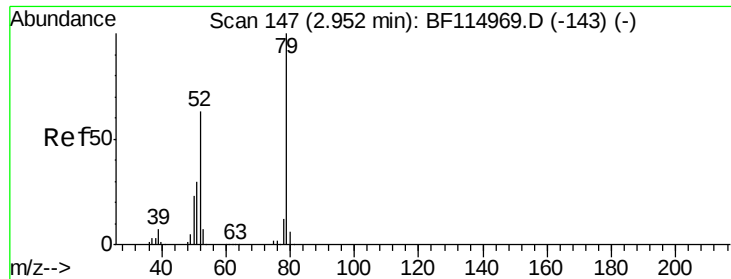
1,4-Dioxane
Concen: 26.783 ng
RT: 2.33 min Scan# 41
Delta R.T. 0.05 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion: 88 Resp: 203397
Ion Ratio Lower Upper
88 100
58 68.0 53.4 80.2
43 24.2 19.7 29.5



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

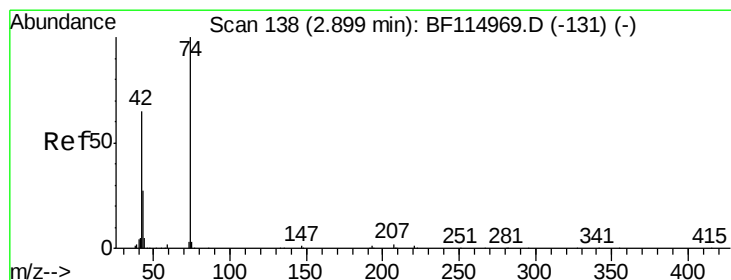
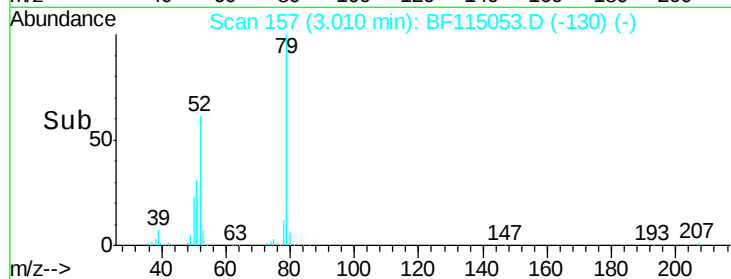
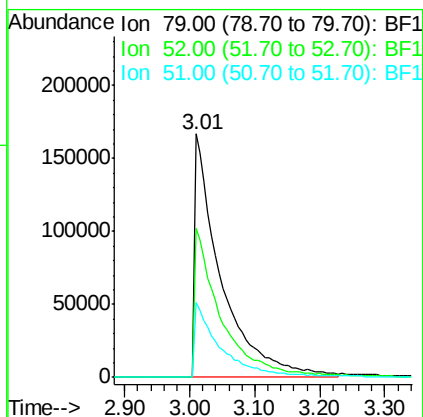
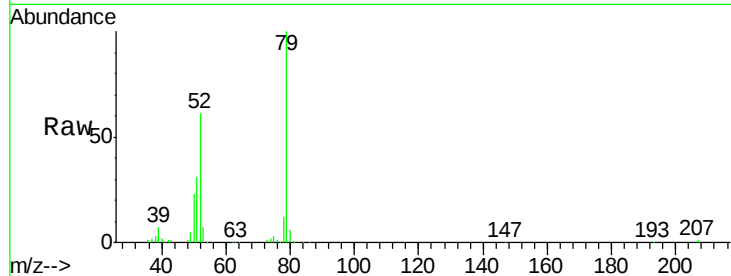




#3
 Pvridine
 Concen: 21.799 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.06 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

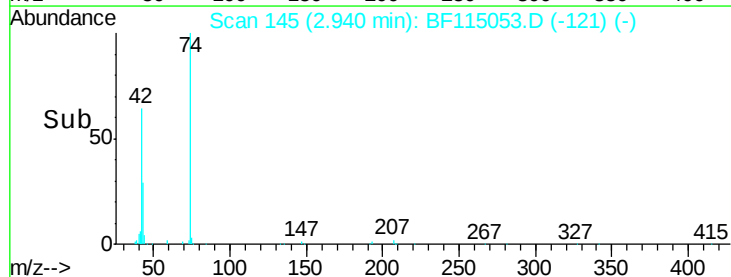
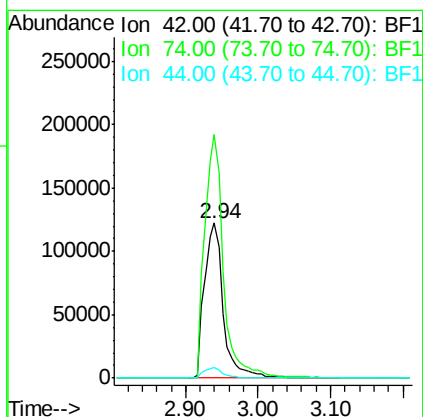
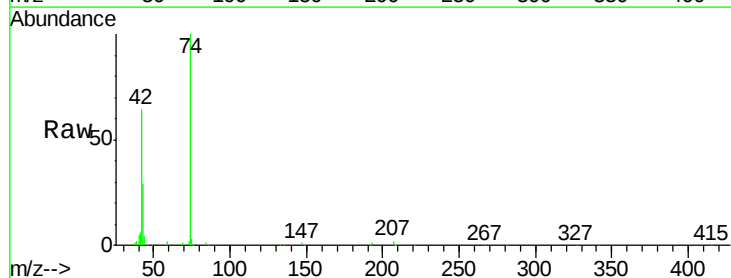
Instrument :
 BNA_F
 ClientSampleId :

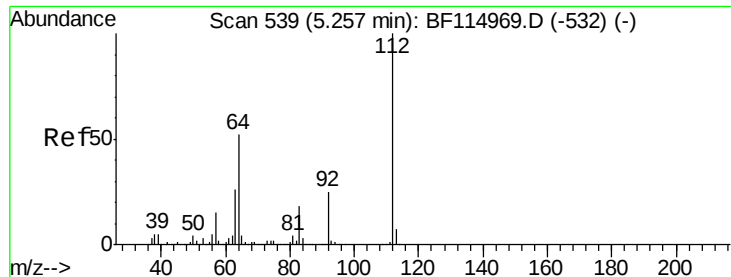
Tot Ion: 79 Resp: 466082
 Ion Ratio Lower Upper
 79 100
 52 61.3 50.3 75.5
 51 30.5 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 29.097 ng
 RT: 2.94 min Scan# 145
 Delta R.T. 0.04 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion: 42 Resp: 220872
 Ion Ratio Lower Upper
 42 100
 74 157.3 122.2 183.2
 44 6.6 5.8 8.8





#5

2-Fluorophenol

Concen: 92.662 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

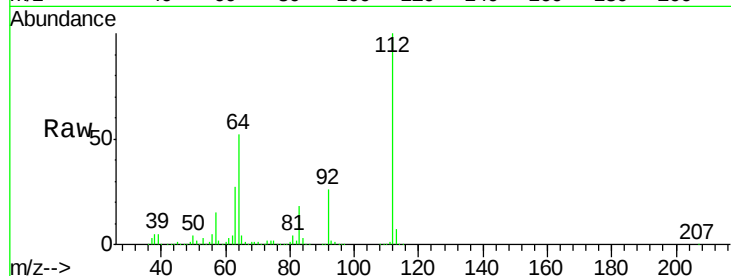
Tot Ion:112 Resp: 1503375

Ion Ratio Lower Upper

112 100

64 51.9 41.6 62.4

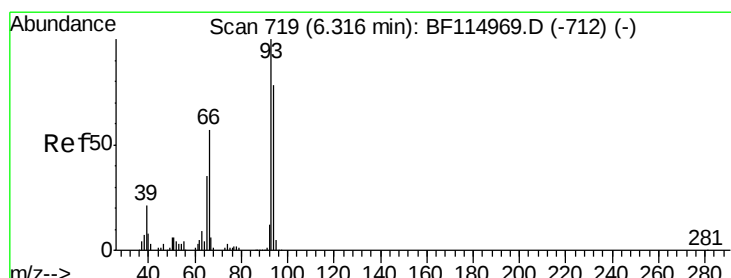
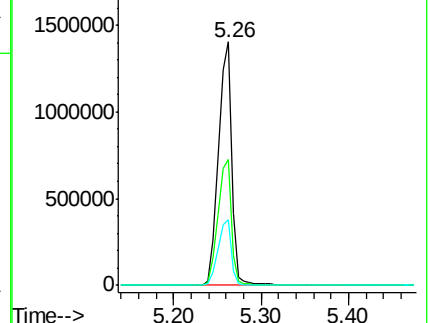
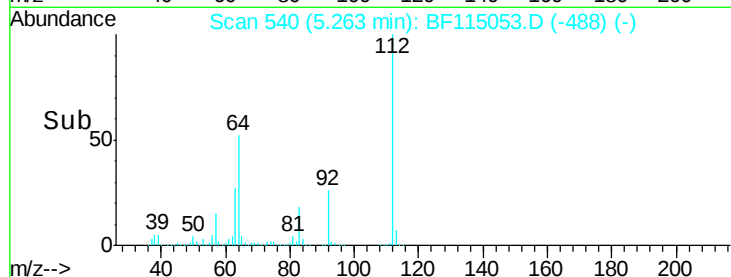
63 26.9 20.9 31.3



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: 19.129 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

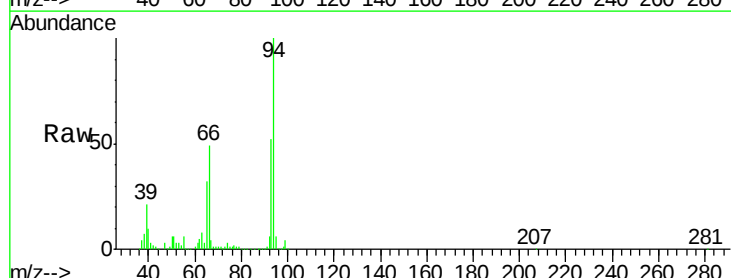
Tgt Ion: 93 Resp: 501364

Ion Ratio Lower Upper

93 100

66 95.0 46.2 69.2#

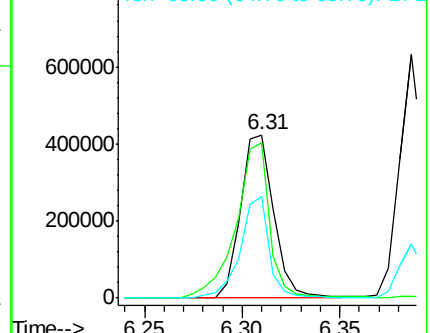
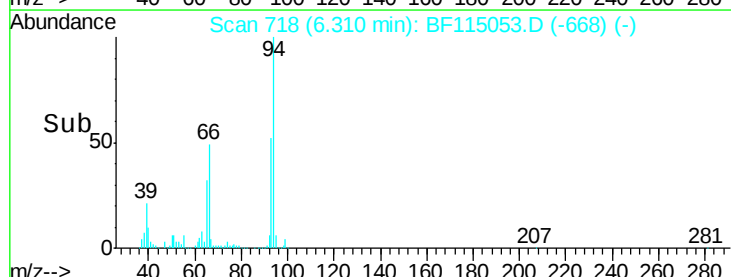
65 62.0 27.7 41.5#

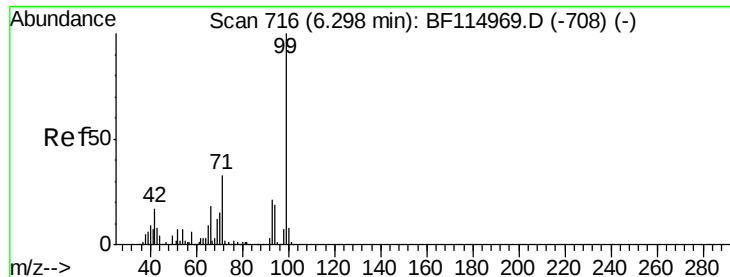


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.533 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

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ClientSampleId :

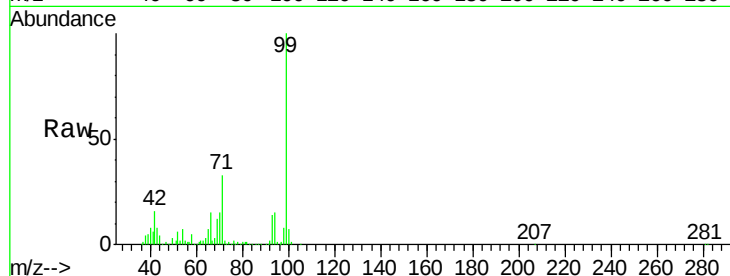
Tot Ion: 99 Resp: 1869703

Ion Ratio Lower Upper

99 100

42 15.8 13.4 20.2

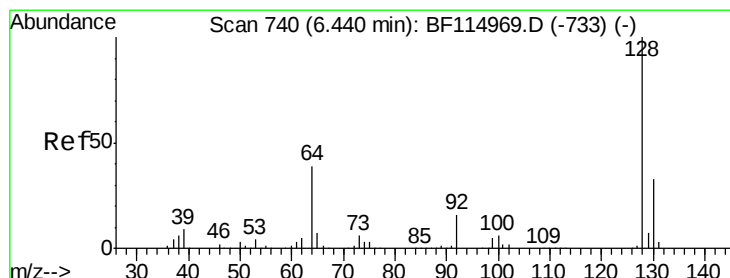
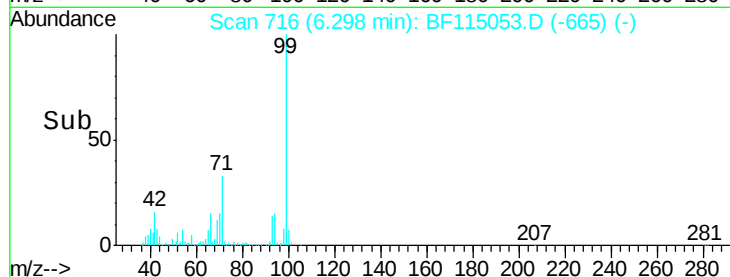
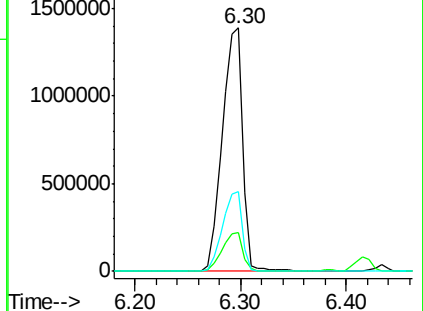
71 33.0 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.783 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

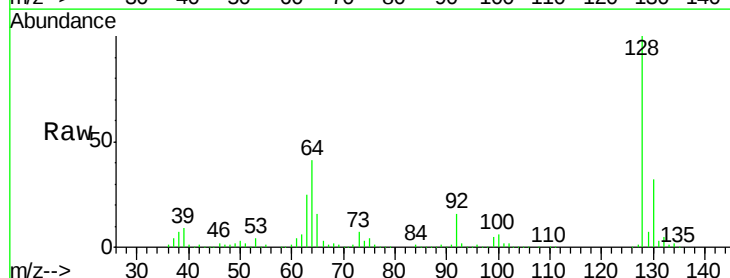
Tgt Ion: 128 Resp: 584716

Ion Ratio Lower Upper

128 100

130 32.4 13.4 53.4

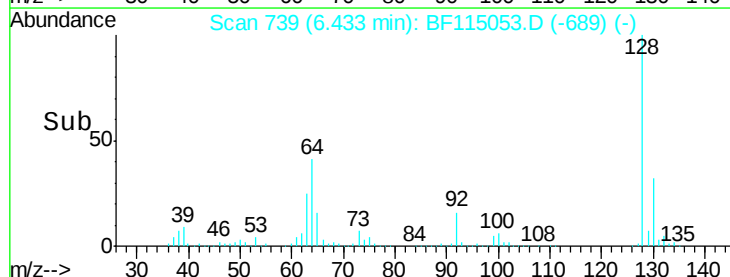
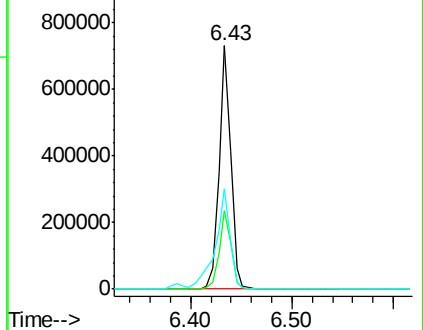
64 41.3 20.1 60.1

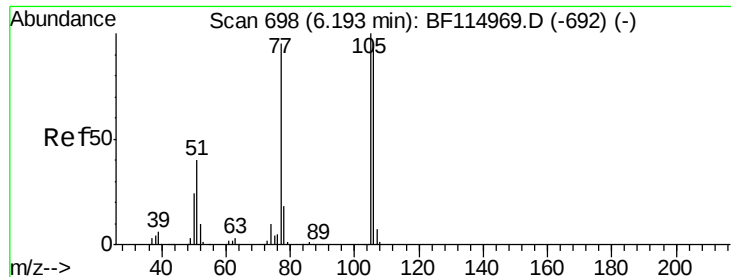


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.955 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

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ClientSampleId :

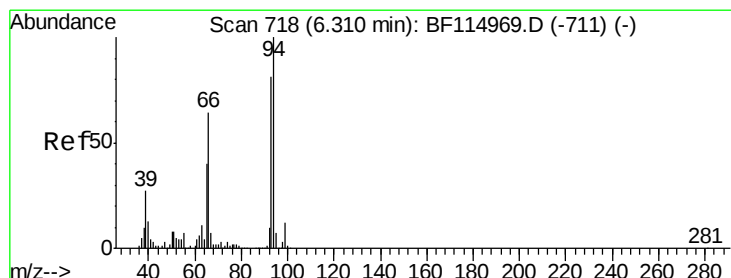
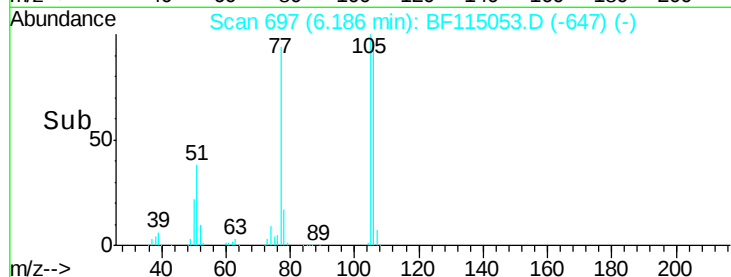
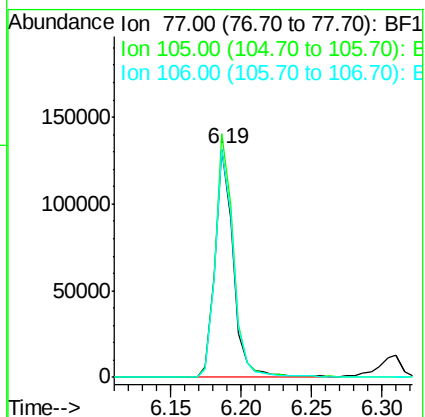
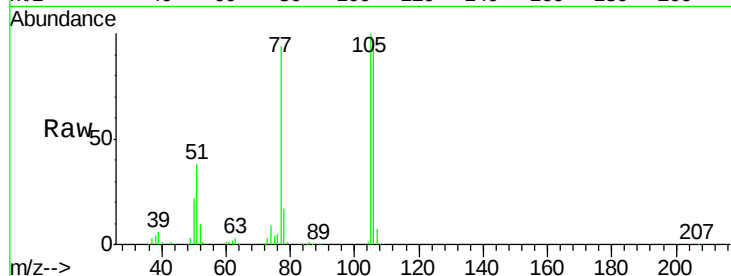
Tot Ion: 77 Resp: 118755

Ion Ratio Lower Upper

77 100

105 106.5 85.1 125.1

106 100.0 80.0 120.0



#10

Phenol

Concen: 31.741 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

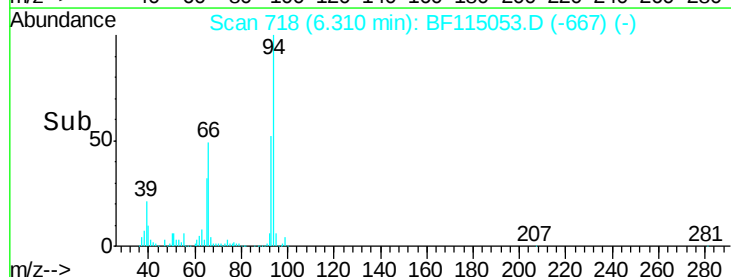
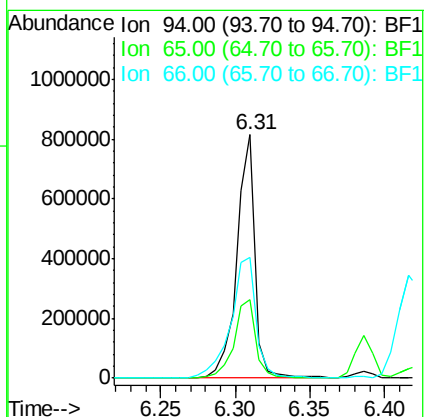
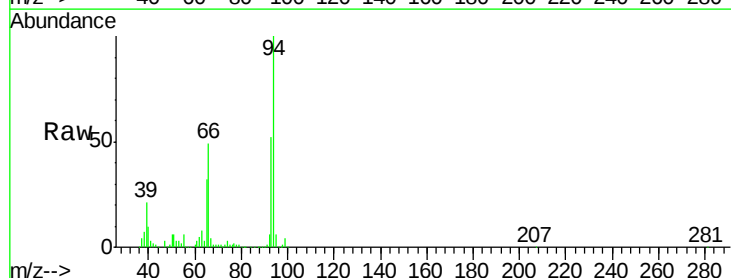
Tgt Ion: 94 Resp: 695027

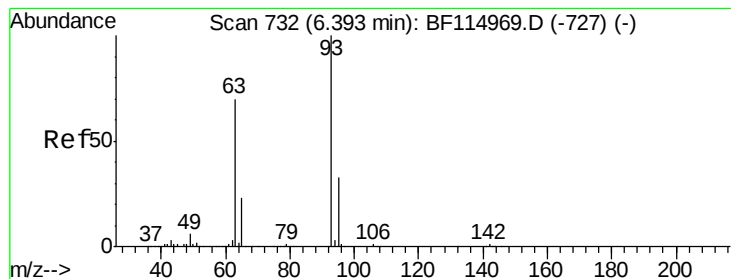
Ion Ratio Lower Upper

94 100

65 32.3 20.0 60.0

66 49.5 44.1 84.1

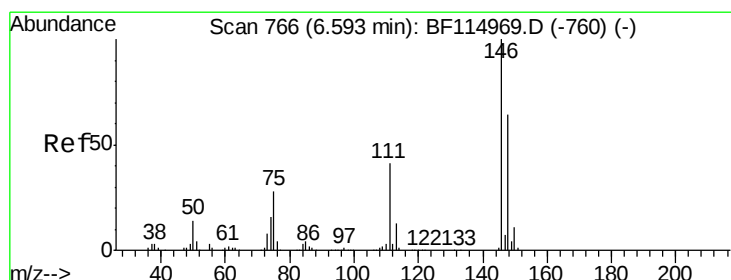
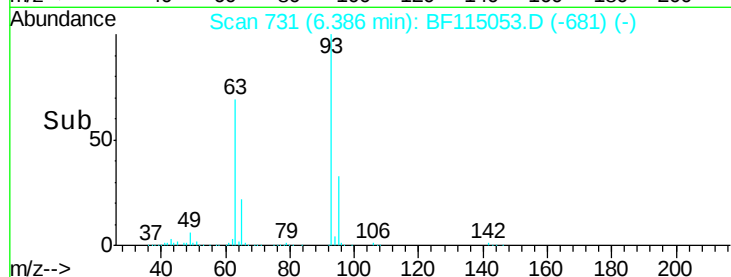
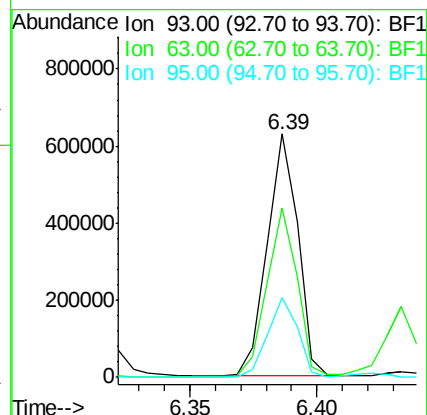
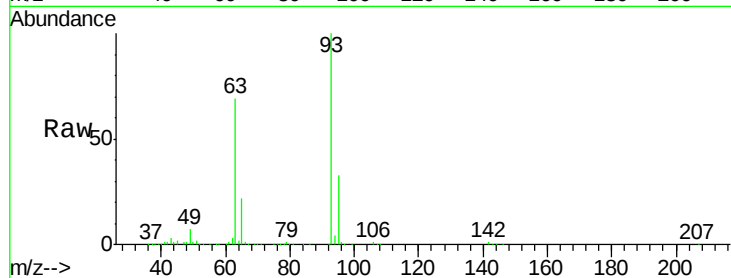




#11
bis(2-Chloroethyl)ether
Concen: 31.370 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

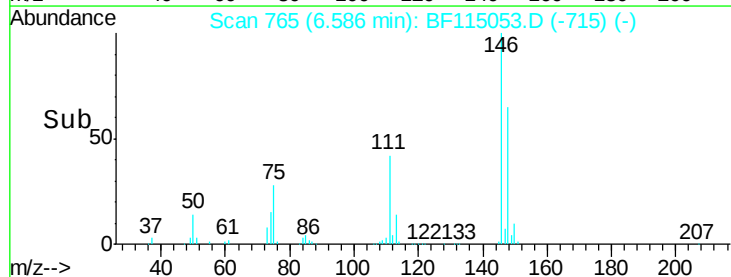
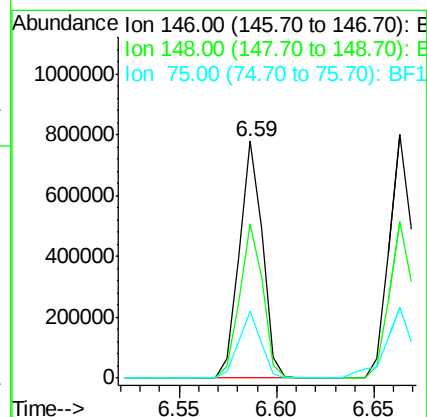
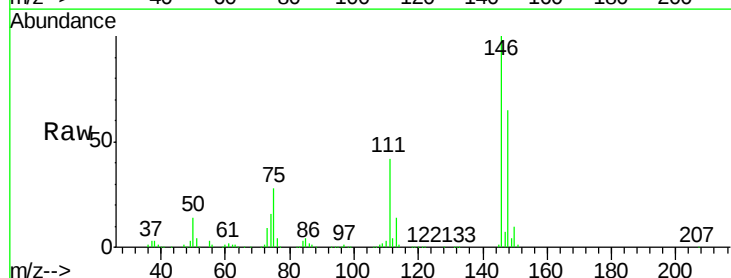
Instrument :
BNA_F
ClientSampleId :

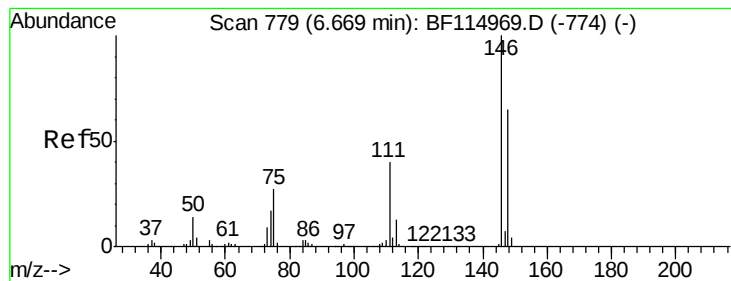
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	49.8	89.8
95	32.9	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 29.885 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
75	28.5	22.3	33.5





#13

1,4-Dichlorobenzene

Concen: 30.416 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

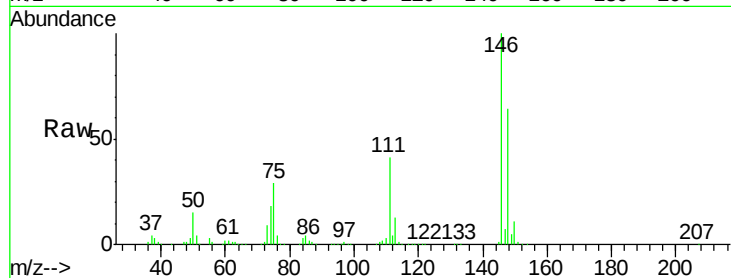
Tot Ion:146 Resp: 657090

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

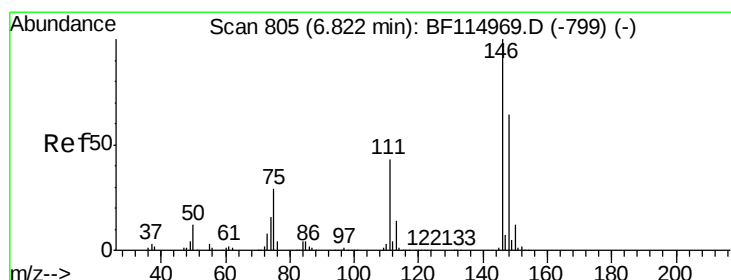
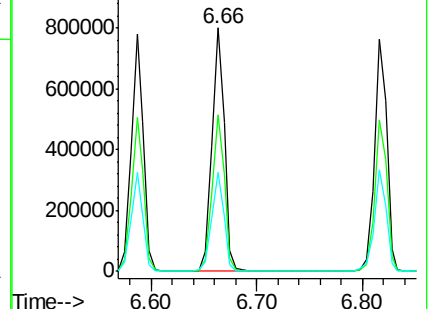
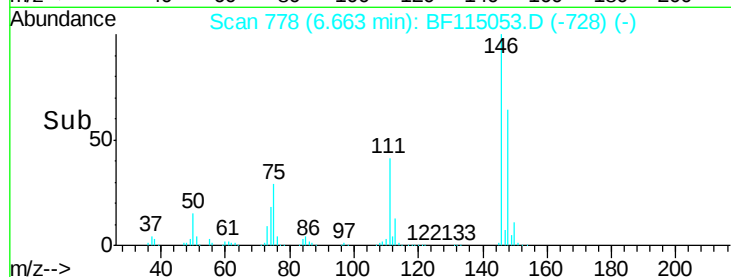
111 40.6 32.4 48.6



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: 29.765 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

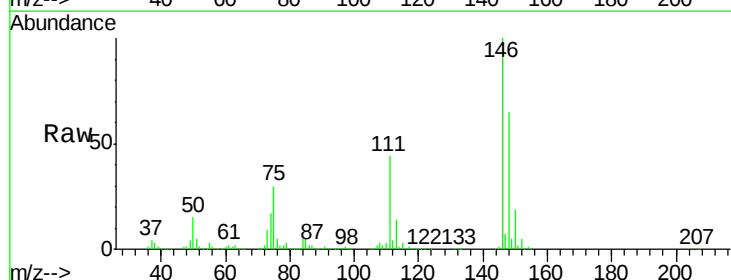
Tgt Ion:146 Resp: 605382

Ion Ratio Lower Upper

146 100

148 65.3 51.5 77.3

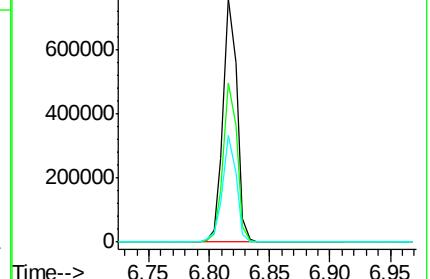
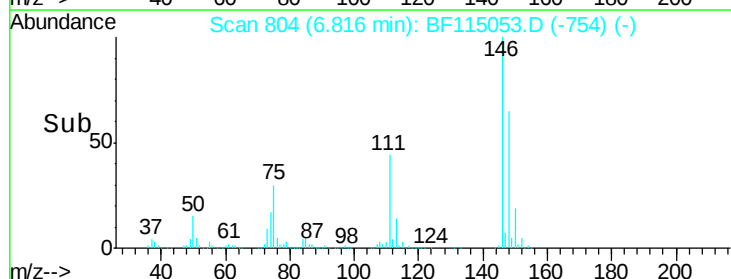
111 43.7 34.6 51.8

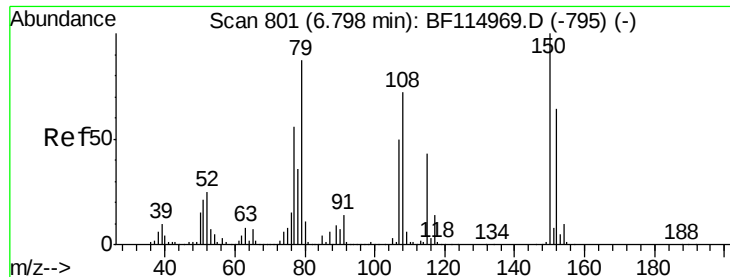


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.245 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :

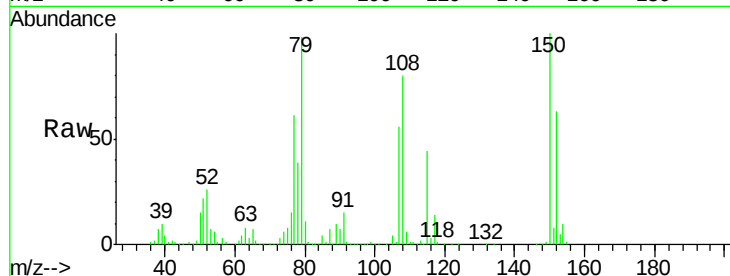
Tot Ion: 79 Resp: 399510

Ion Ratio Lower Upper

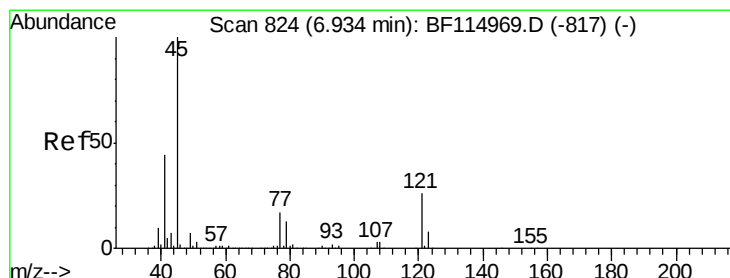
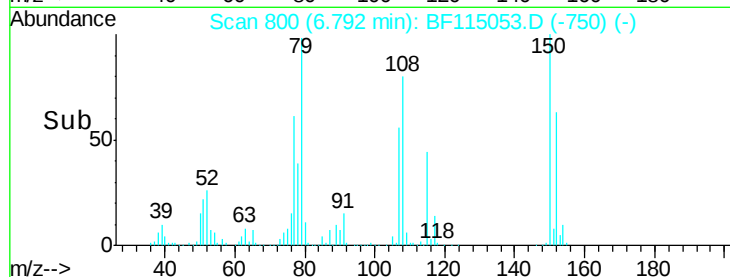
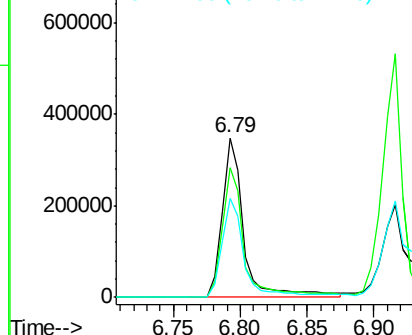
79 100

108 81.3 66.0 99.0

77 62.5 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.340 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

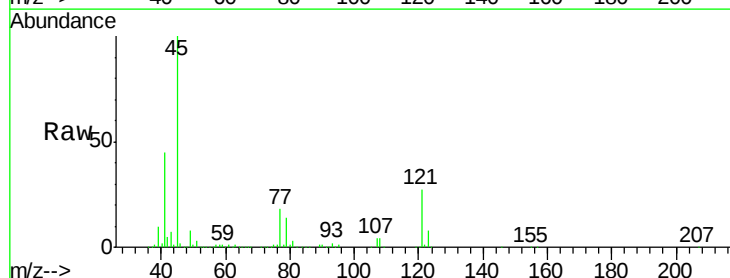
Tgt Ion: 45 Resp: 690126

Ion Ratio Lower Upper

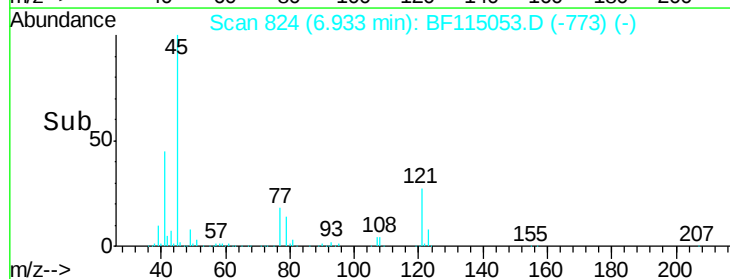
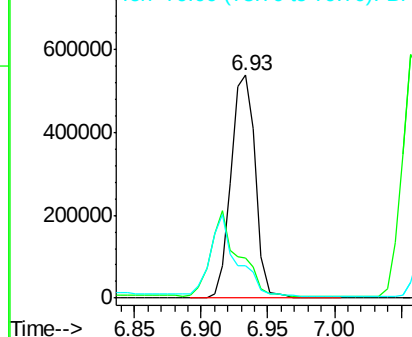
45 100

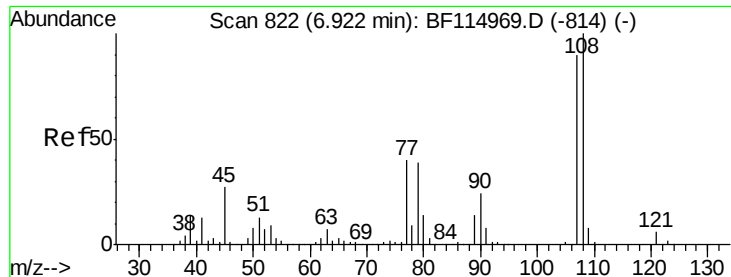
77 17.8 0.0 37.0

79 14.4 0.0 33.1



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

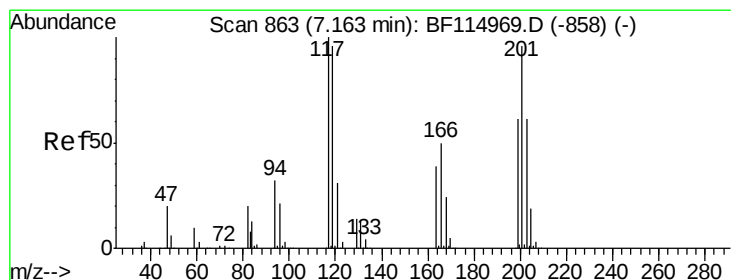
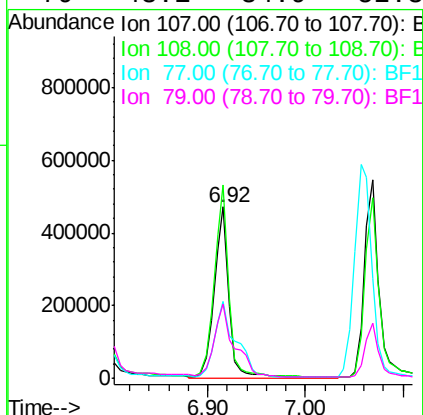
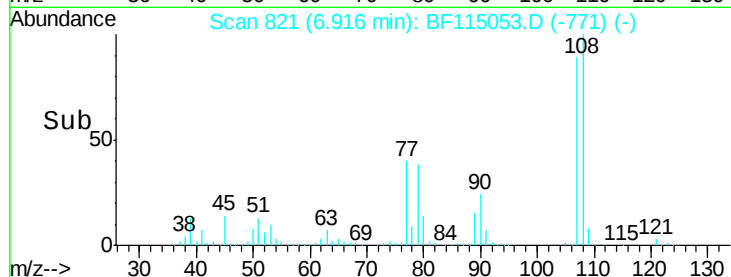
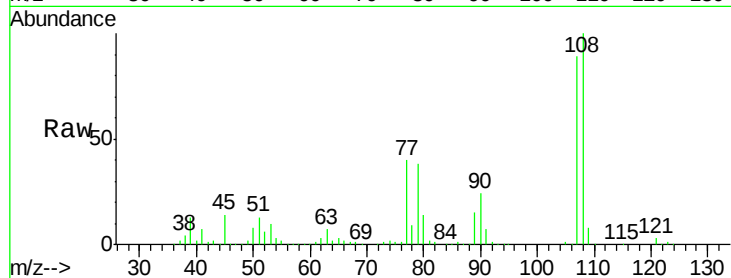




#17
2-Methylphenol
Concen: 32.350 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

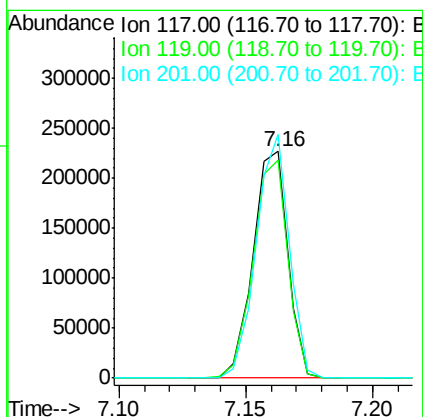
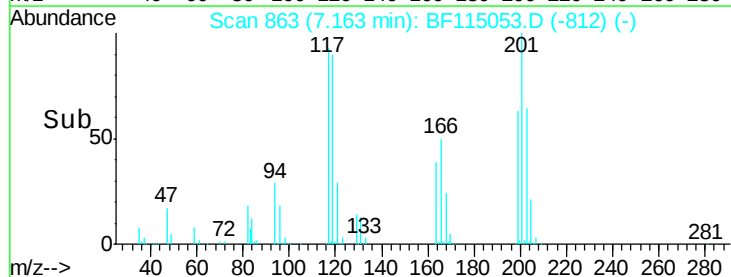
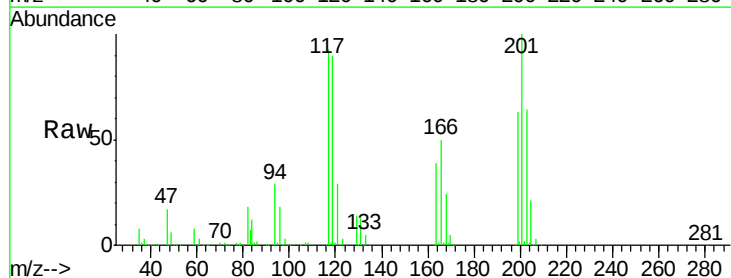
Instrument :
BNA_F
ClientSampled :

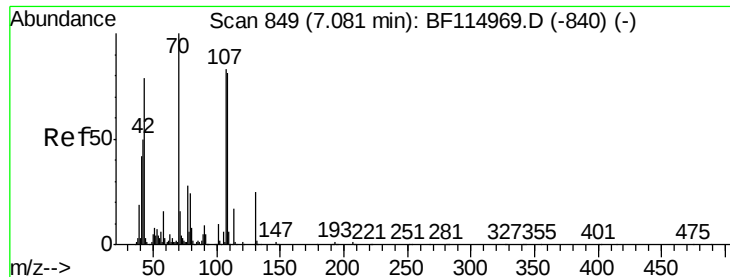
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.3	133.9
77	44.7	35.4	53.2
79	43.1	34.9	52.3



#18
Hexachloroethane
Concen: 27.982 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	107.3	76.6	115.0

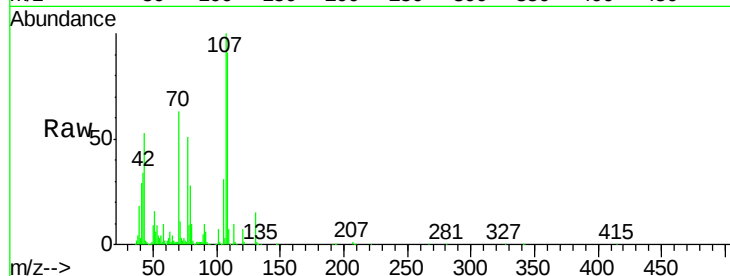




#19
n-Nitroso-di-n-propylamine
Concen: 31.072 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.5	40.3	60.5
101	10.6	8.2	12.4
130	23.9	20.3	30.5



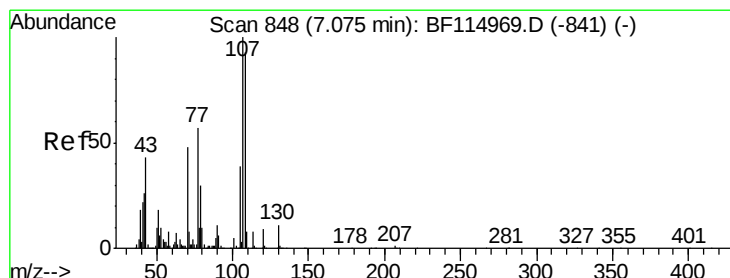
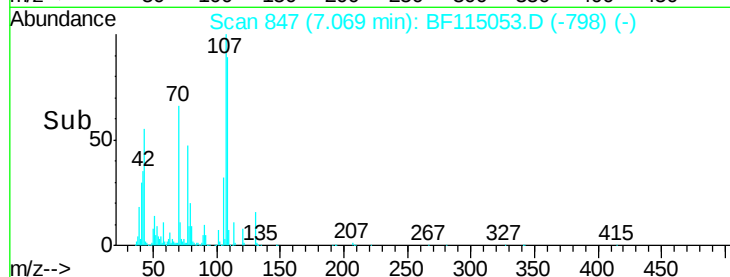
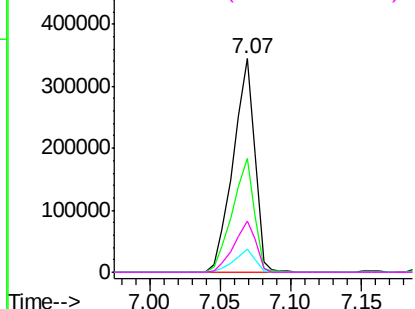
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 31.483 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	73.1	113.1
77	50.6	37.3	77.3
79	27.5	9.6	49.6

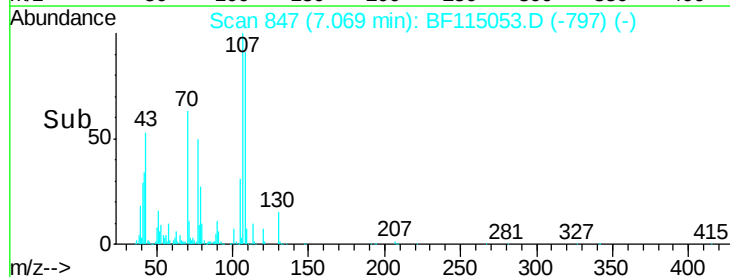
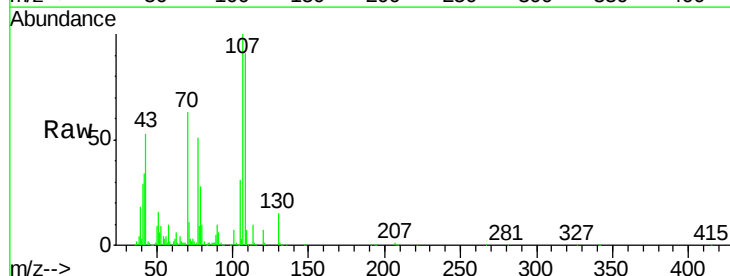
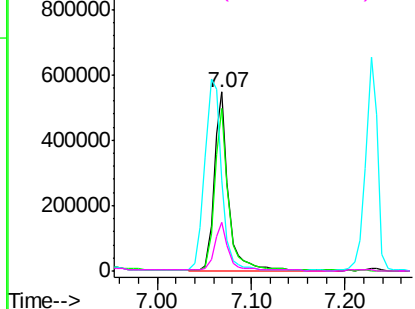
Abundance

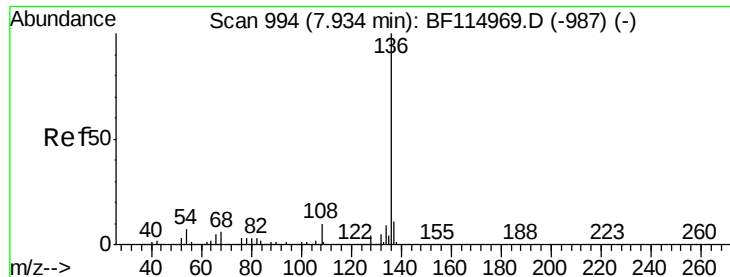
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1027255

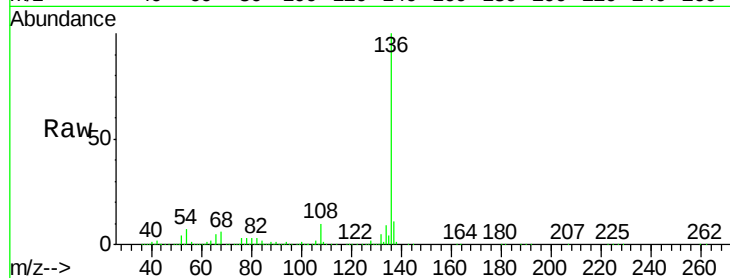
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.6 5.4 8.0

68 5.8 4.6 7.0

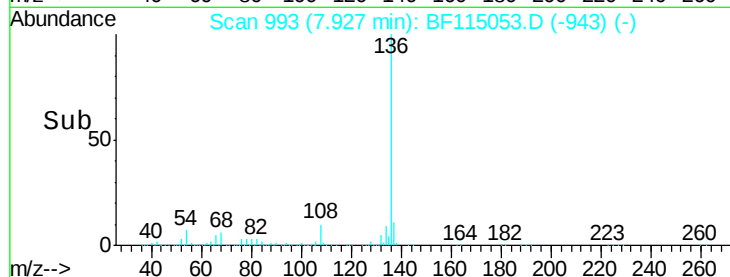


Abundance Ion 136.00 (135.70 to 136.70): E

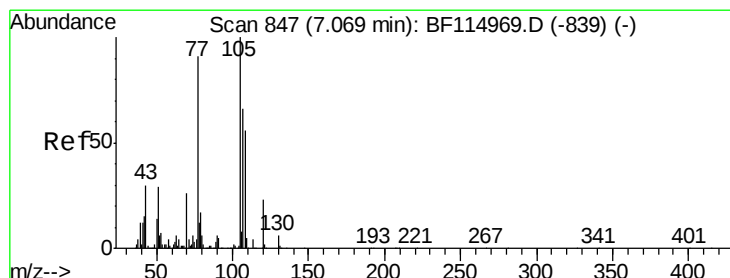
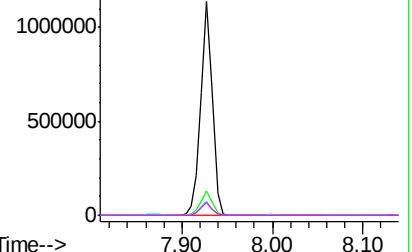
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 34.164 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Tgt Ion:105 Resp: 794447

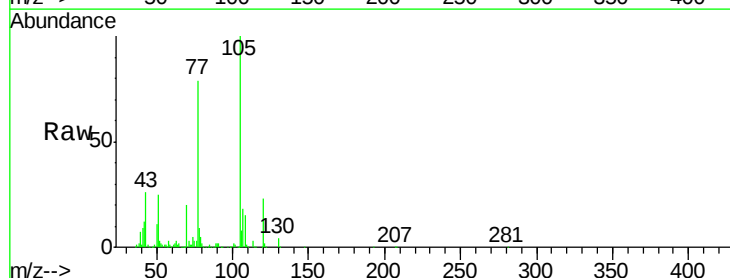
Ion Ratio Lower Upper

105 100

71 3.4 3.4 5.2#

51 25.1 23.3 34.9

120 23.0 18.8 28.2

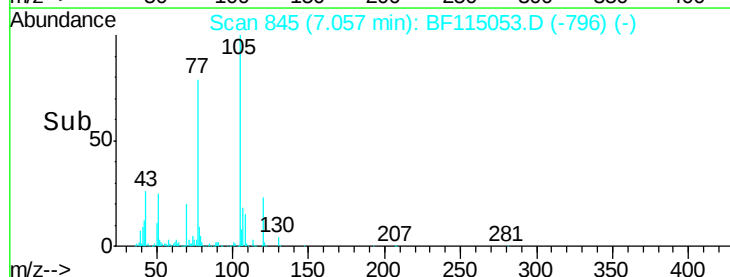


Abundance Ion 105.00 (104.70 to 105.70): E

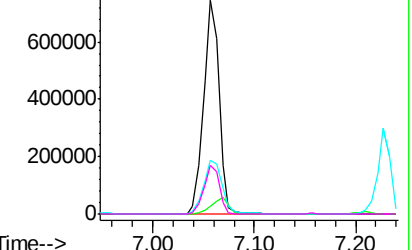
Ion 71.00 (70.70 to 71.70): BF1

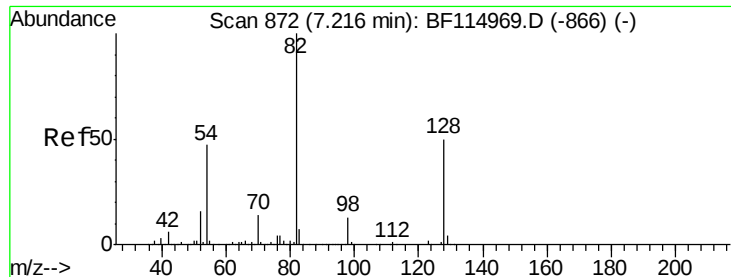
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

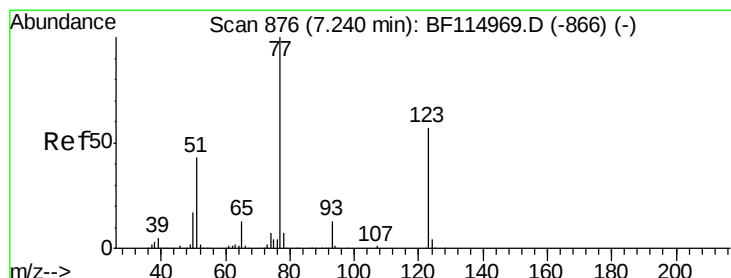
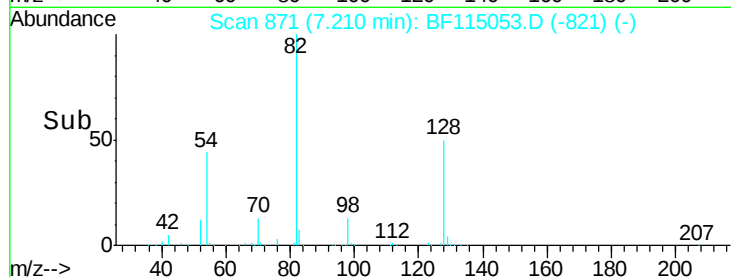
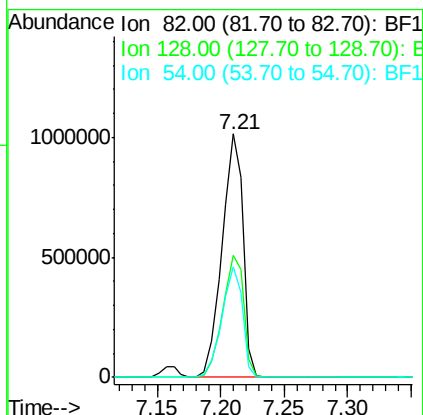
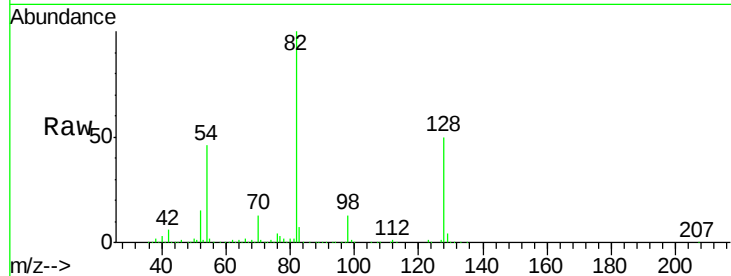




#23
 Nitrobenzene-d5
 Concen: 68.088 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

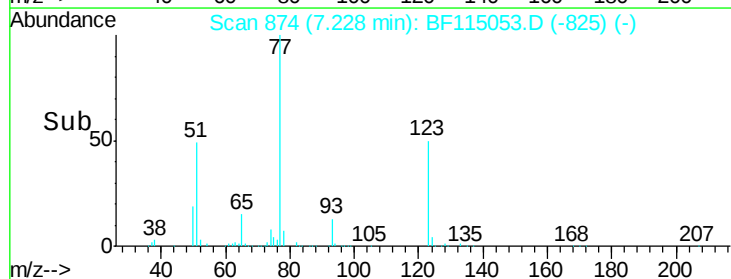
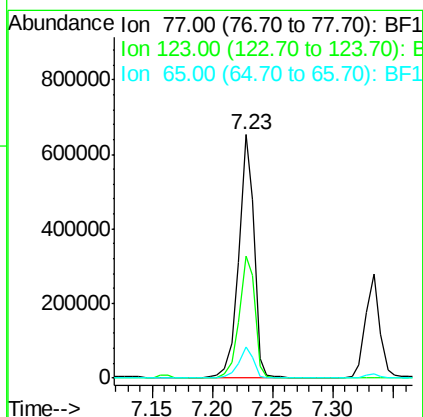
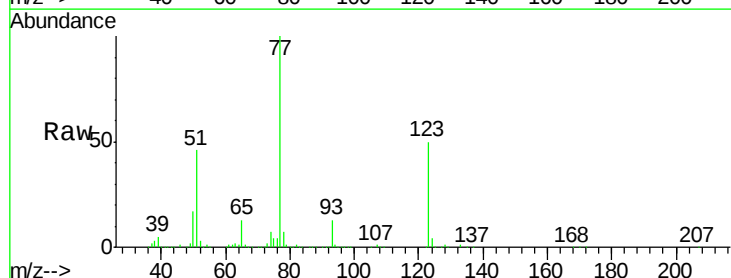
Instrument :
 BNA_F
 ClientSampleId :

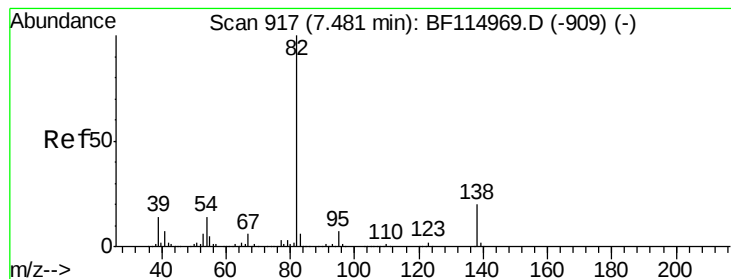
Tot Ion: 82 Resp: 1162012
 Ion Ratio Lower Upper
 82 100
 128 50.3 39.9 59.9
 54 45.6 37.3 55.9



#24
 Nitrobenzene
 Concen: 33.103 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion: 77 Resp: 574802
 Ion Ratio Lower Upper
 77 100
 123 50.2 45.5 68.3
 65 13.0 10.3 15.5





#25

Isophorone

Concen: 32.804 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

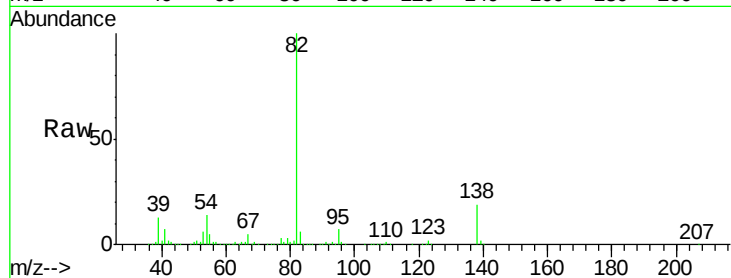
Tot Ion: 82 Resp: 1048556

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

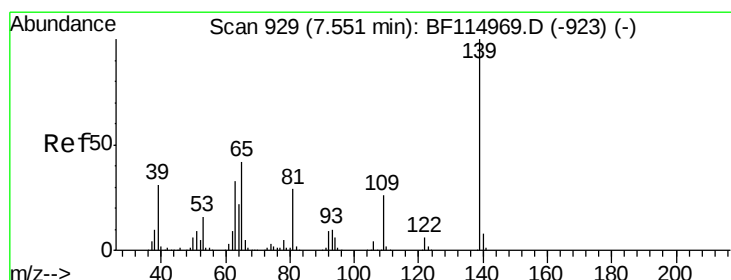
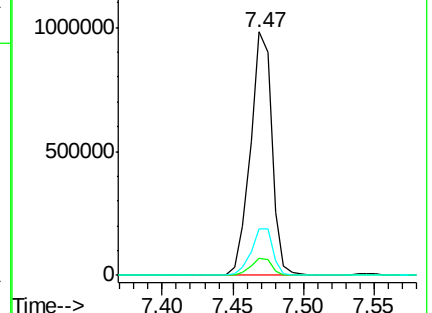
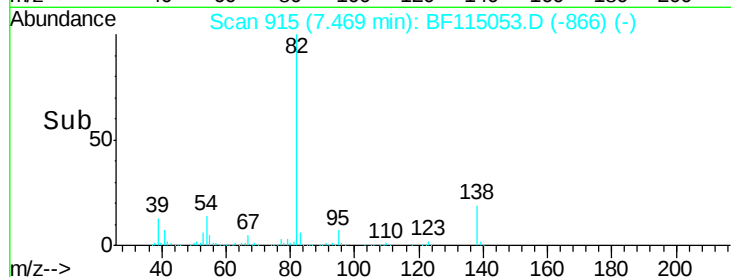
138 18.9 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 30.788 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

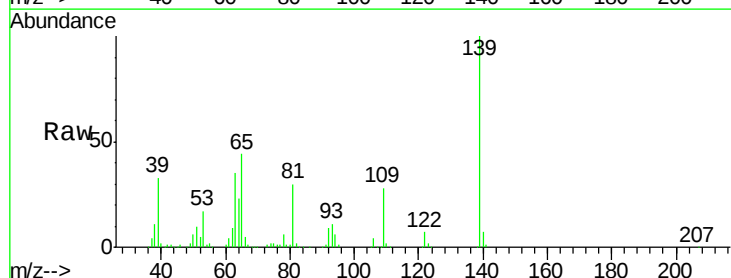
Tgt Ion: 139 Resp: 297986

Ion Ratio Lower Upper

139 100

109 27.6 20.8 31.2

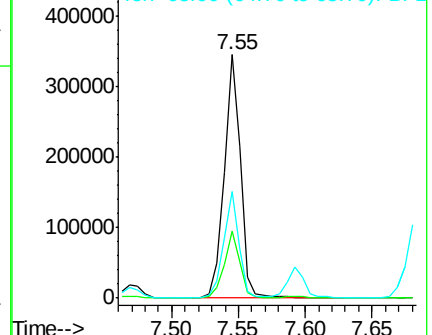
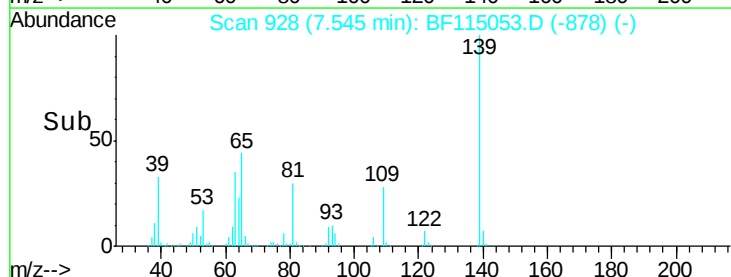
65 43.8 33.4 50.2

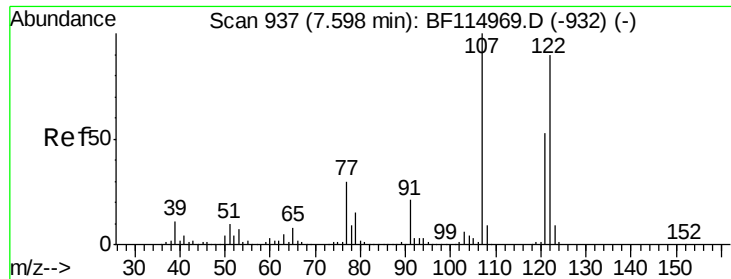


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

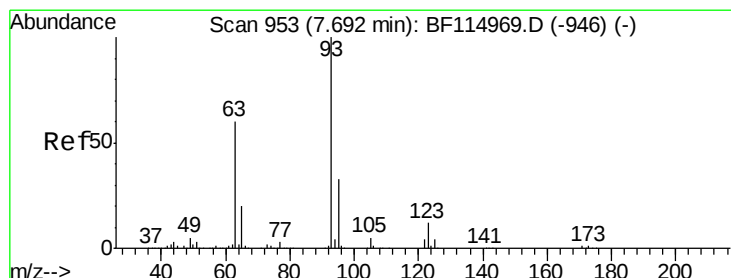
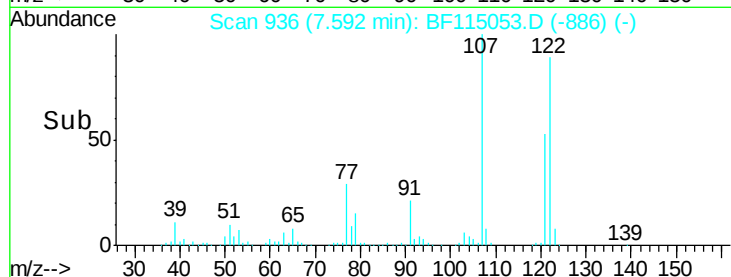
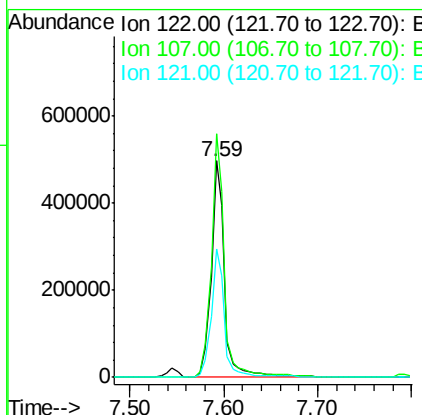
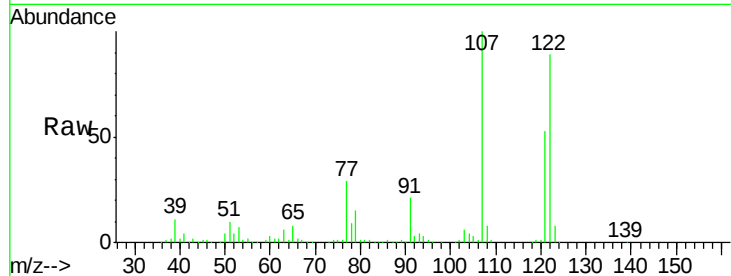




#27
2,4-Dimethylphenol
Concen: 35.927 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

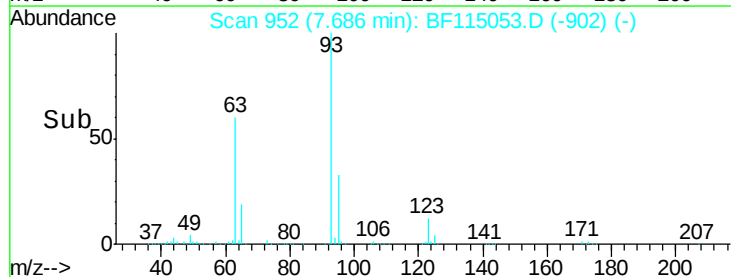
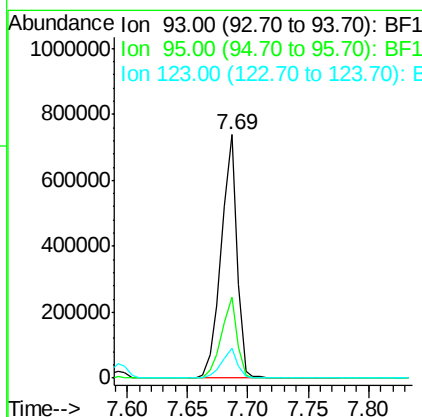
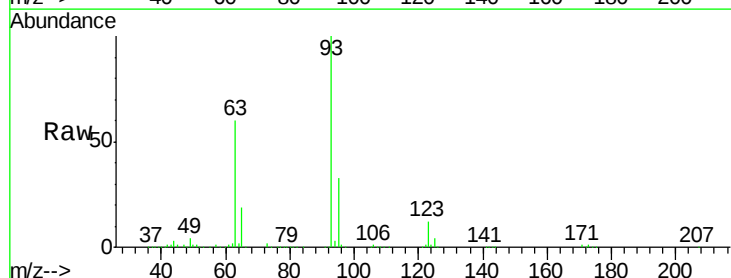
Instrument :
BNA_F
ClientSampleId :

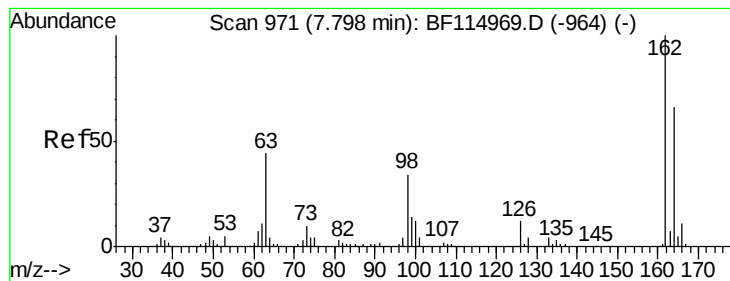
Tot Ion:122 Resp: 501619
Ion Ratio Lower Upper
122 100
107 112.6 88.8 133.2
121 59.5 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 32.587 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion: 93 Resp: 668279
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 32.532 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

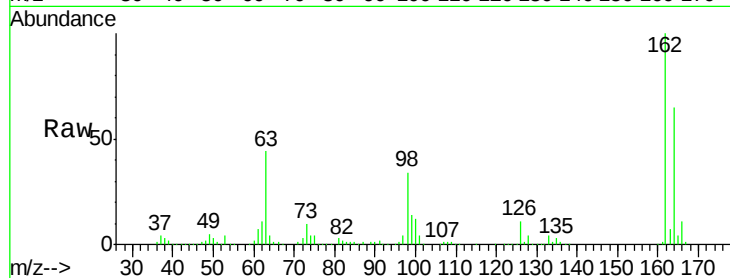
Tot Ion:162 Resp: 479835

Ion Ratio Lower Upper

162 100

164 65.2 45.7 85.7

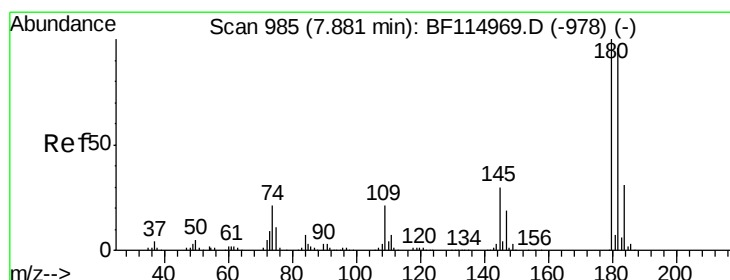
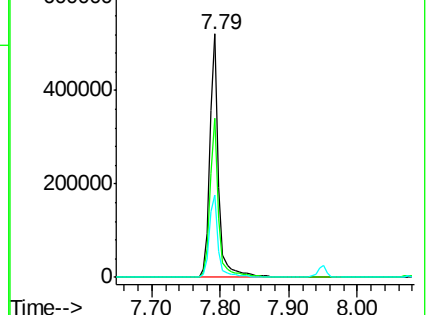
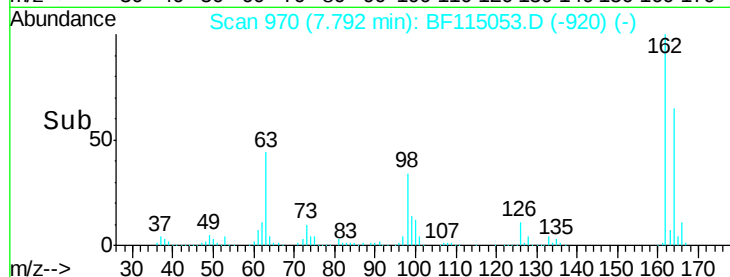
98 33.6 14.0 54.0



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: 32.207 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

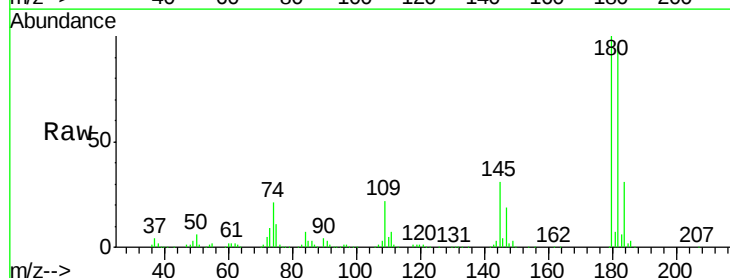
Tgt Ion:180 Resp: 548912

Ion Ratio Lower Upper

180 100

182 95.0 76.7 115.1

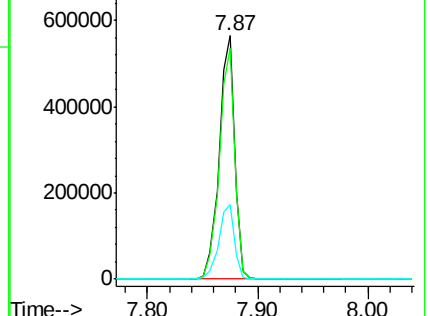
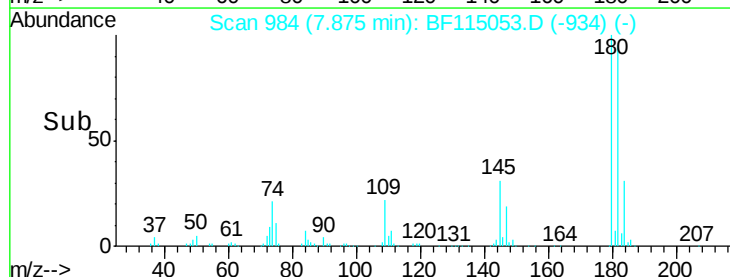
145 30.9 24.1 36.1

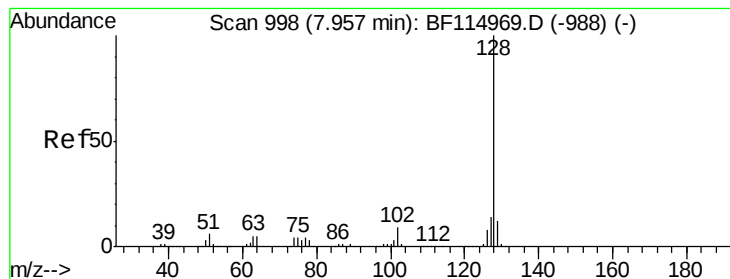


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.304 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

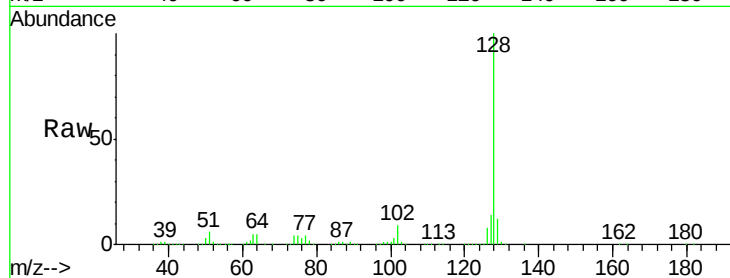
Tot Ion:128 Resp: 1667290

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

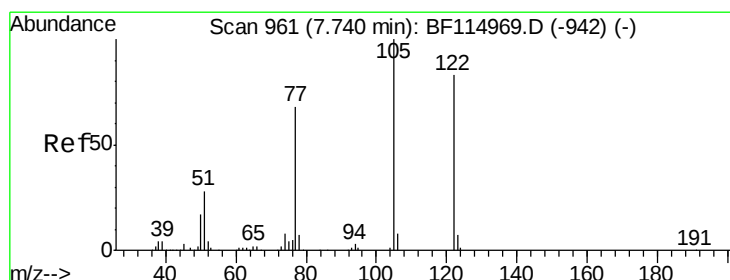
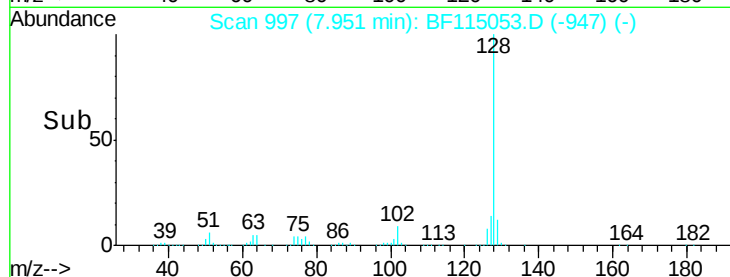
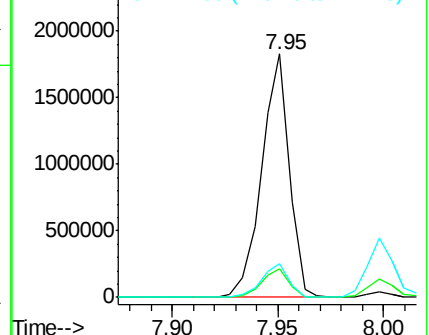
127 13.9 11.5 17.3



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: 49.654 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.15 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

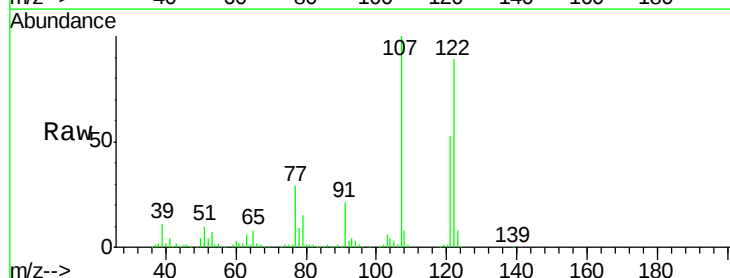
Tgt Ion:122 Resp: 501619

Ion Ratio Lower Upper

122 100

105 3.5 98.6 138.6#

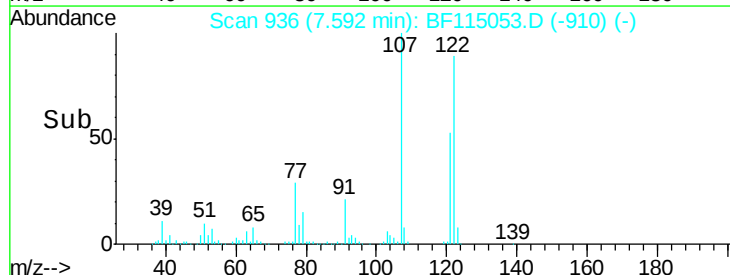
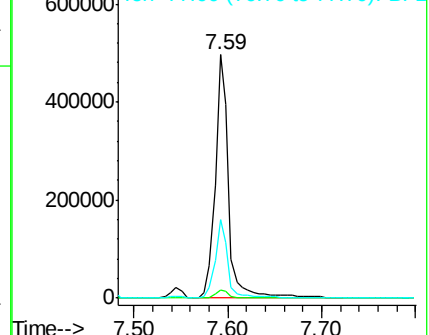
77 32.3 60.9 100.9#

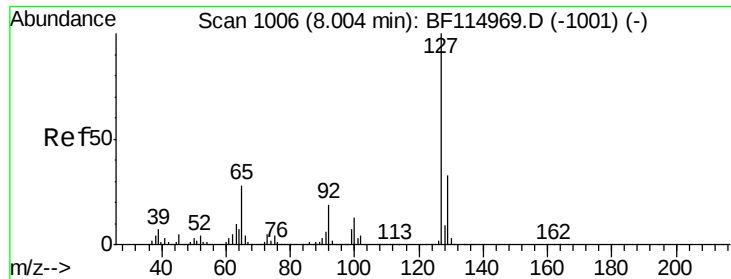


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

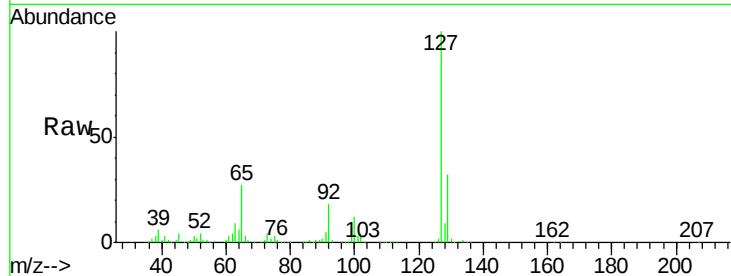




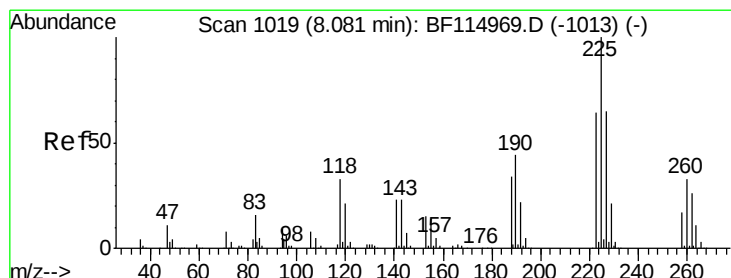
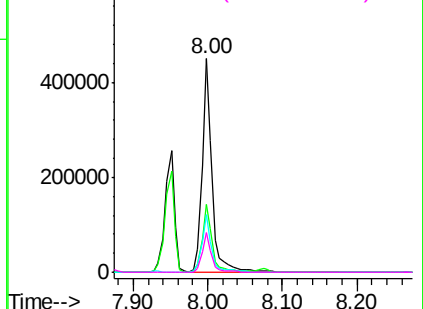
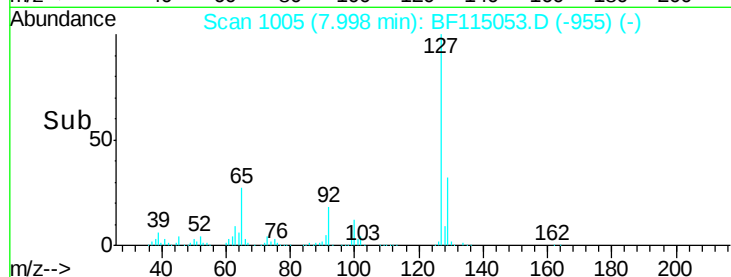
#33
 4-Chloroaniline
 Concen: 18.884 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	423672
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	26.9	22.3	33.5
92	18.3	15.3	22.9

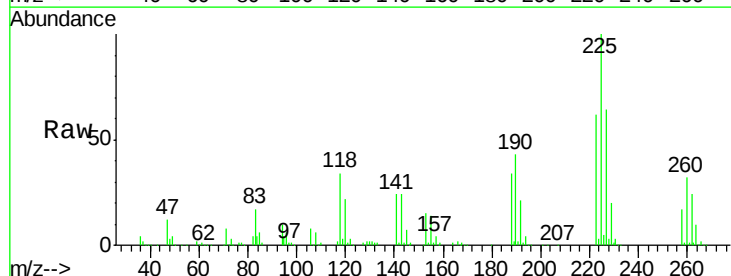


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

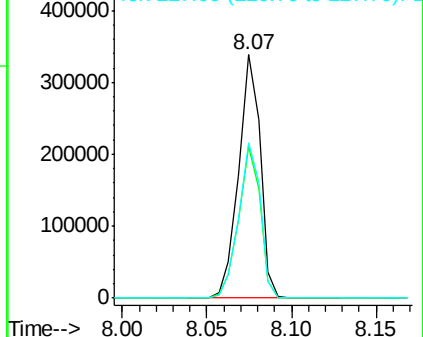
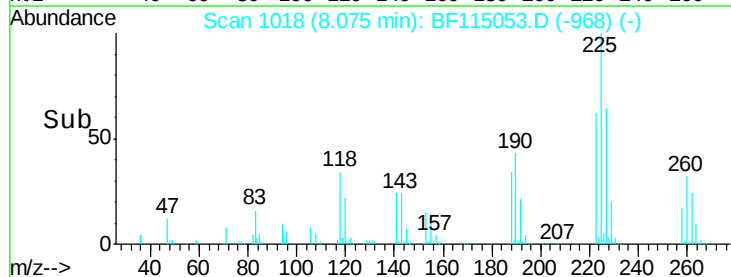


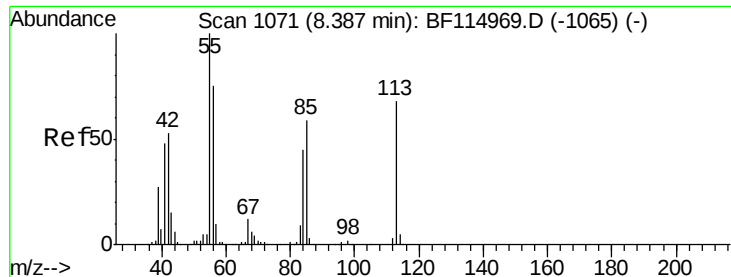
#34
 Hexachlorobutadiene
 Concen: 31.885 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:	225	Resp:	302052
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	63.7	51.7	77.5



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

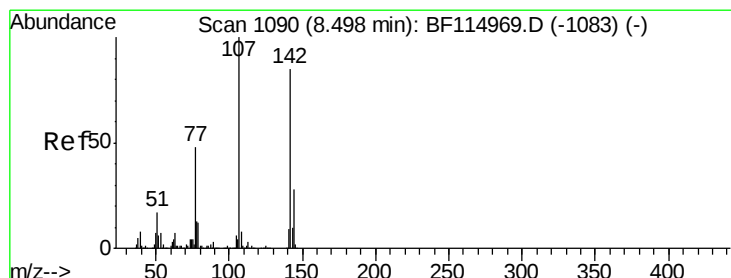
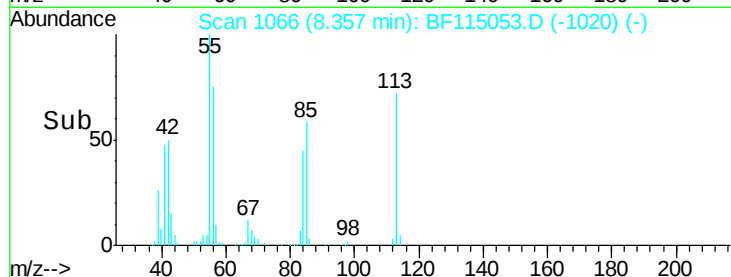
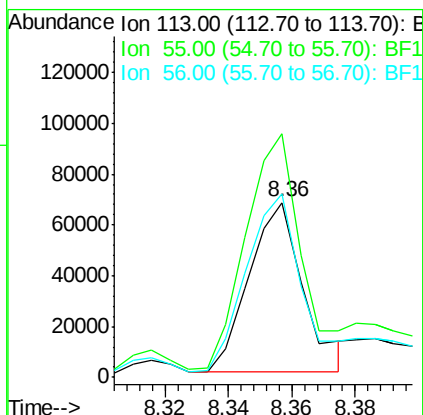
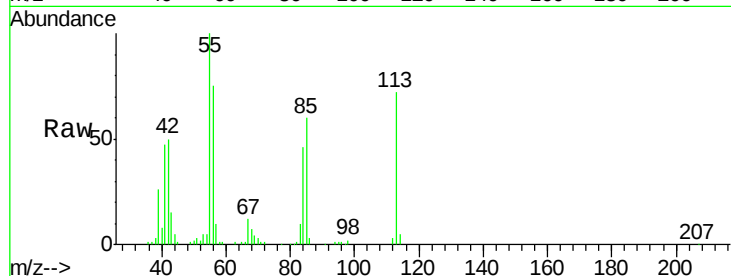




#35
 Caprolactam
 Concen: 16.140 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

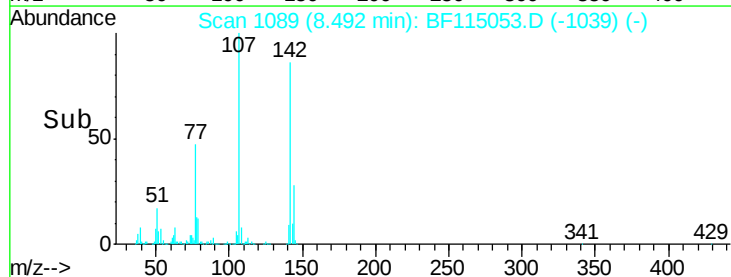
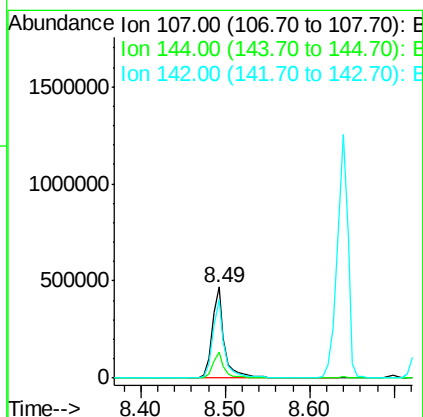
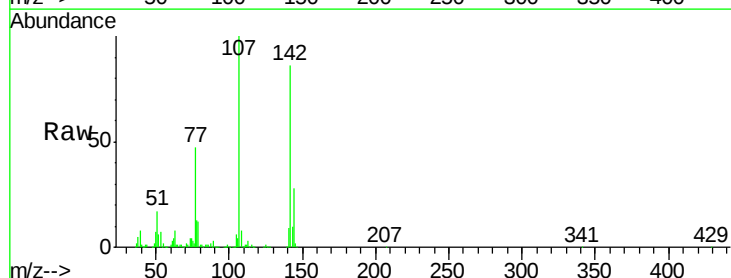
Instrument :
 BNA_F
 ClientSampleId :

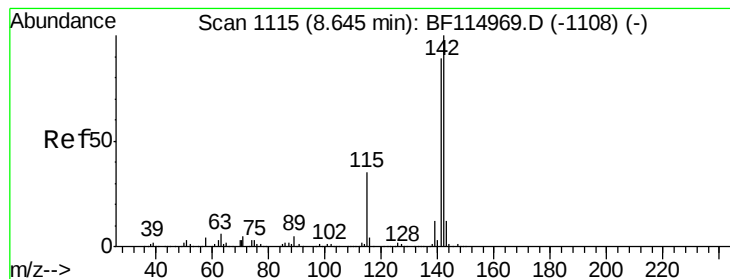
Tot Ion:113 Resp: 79288
 Ion Ratio Lower Upper
 113 100
 55 139.1 127.3 167.3
 56 104.8 90.6 130.6



#36
 4-Chloro-3-methylphenol
 Concen: 32.452 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:107 Resp: 482371
 Ion Ratio Lower Upper
 107 100
 144 28.3 22.0 33.0
 142 86.3 68.2 102.4





#37

2-Methylnaphthalene

Concen: 34.408 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

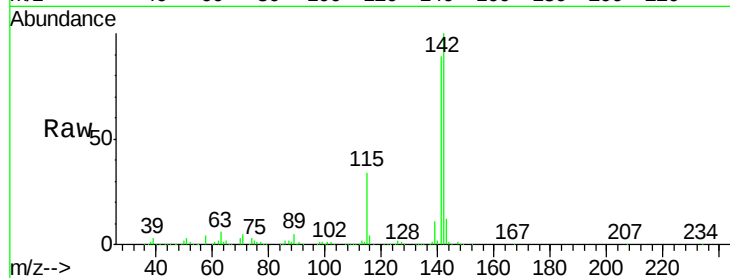
Tot Ion:142 Resp: 1115409

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.6

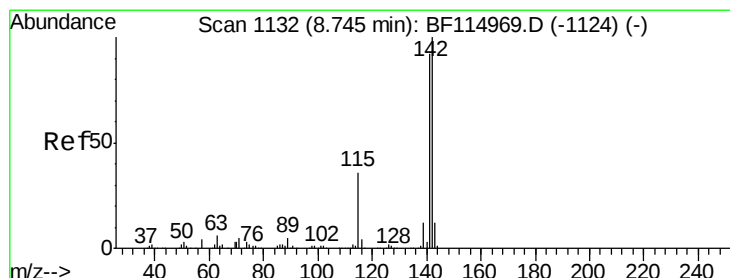
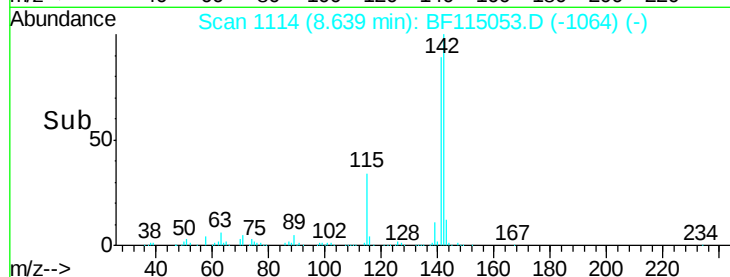
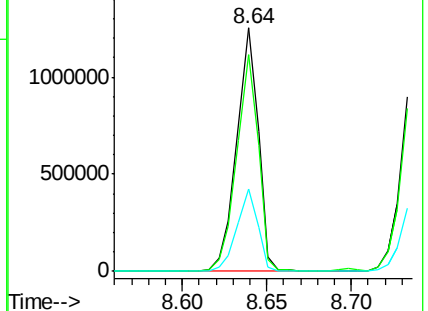
115 34.0 27.9 41.9



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: 34.118 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

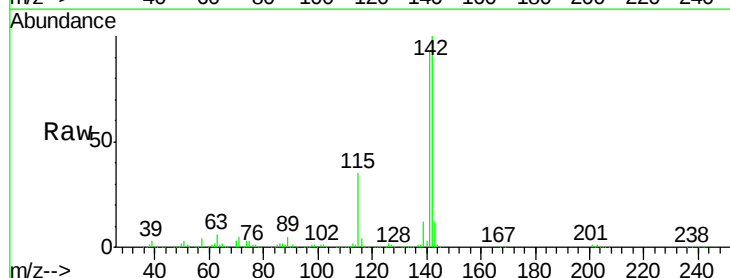
Tgt Ion:142 Resp: 1045325

Ion Ratio Lower Upper

142 100

141 93.3 73.8 110.8

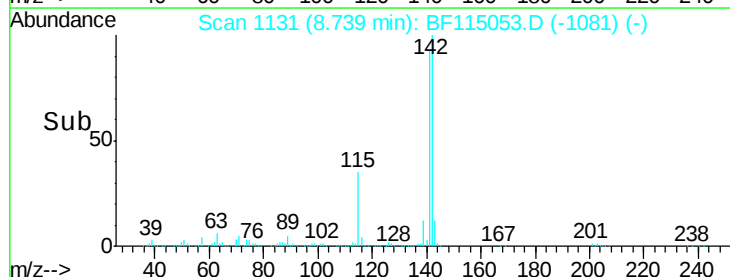
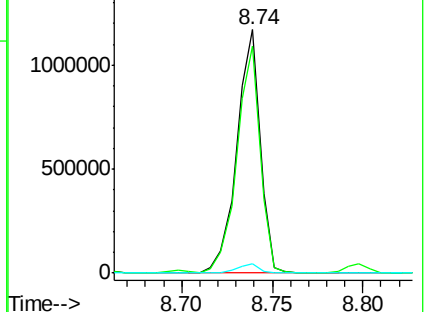
116 3.8 2.9 4.3

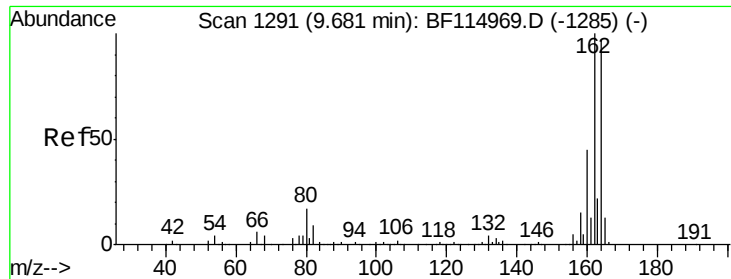


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

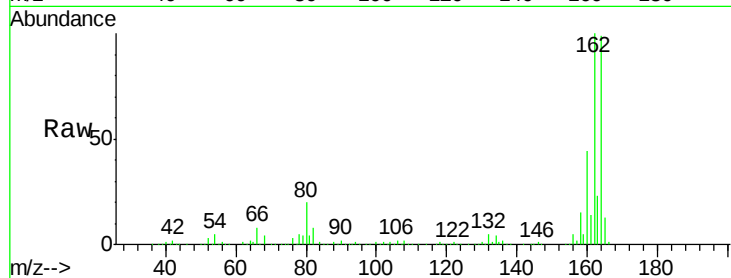




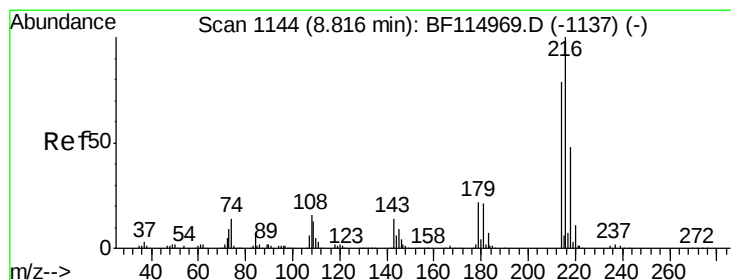
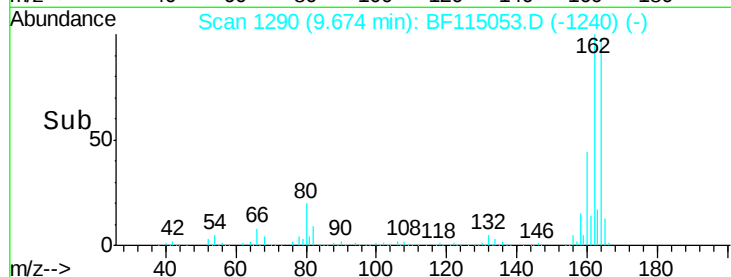
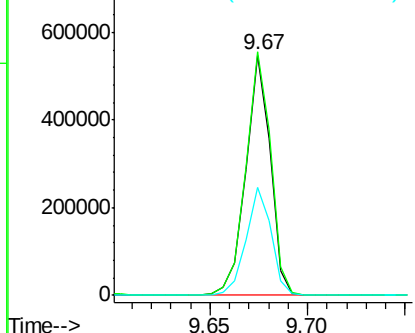
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	124.0
160	44.9	36.9	55.3



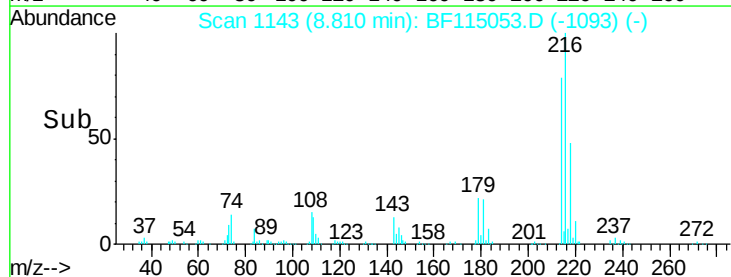
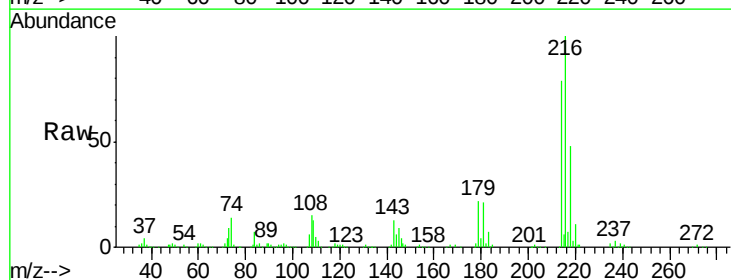
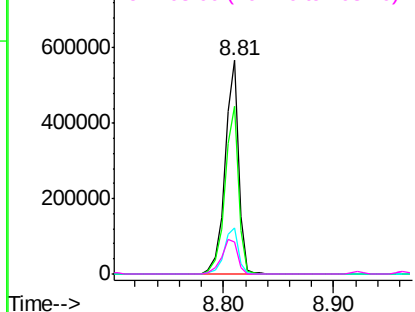
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

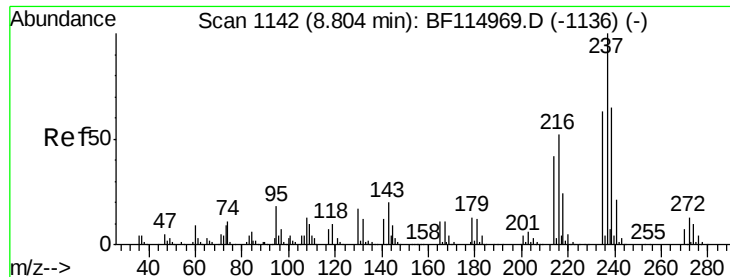


#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.590 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	22.6	18.2	27.4
108	19.4	15.0	22.6

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: 44.573 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampled :

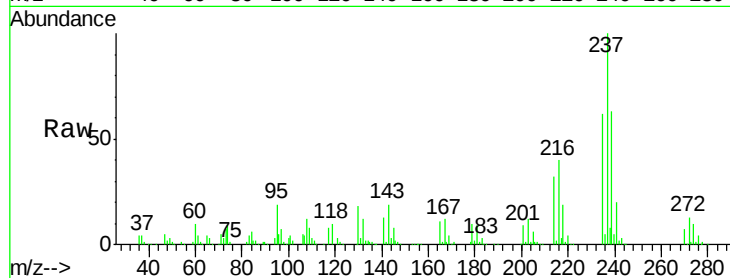
Tot Ion:237 Resp: 308622

Ion Ratio Lower Upper

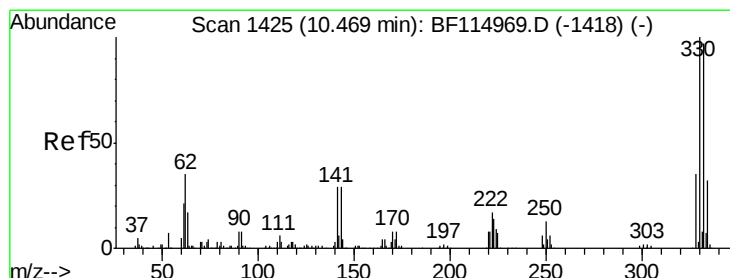
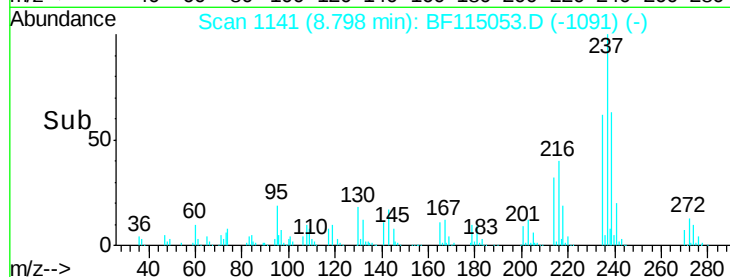
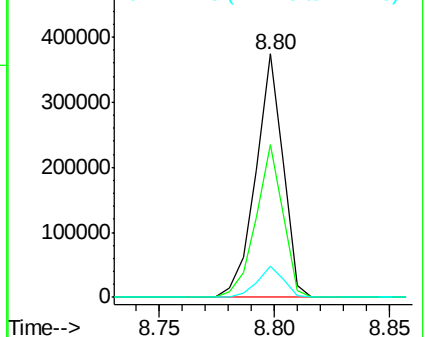
237 100

235 62.5 42.7 82.7

272 12.6 0.0 32.7



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: 85.570 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

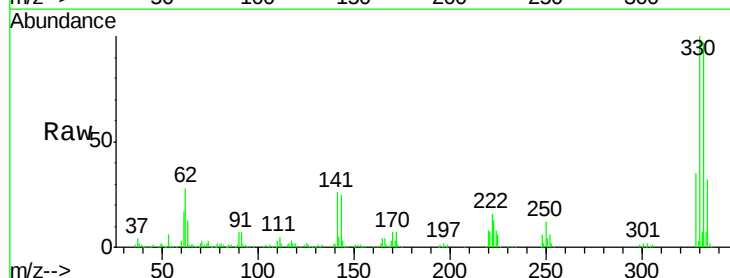
Tgt Ion:330 Resp: 435818

Ion Ratio Lower Upper

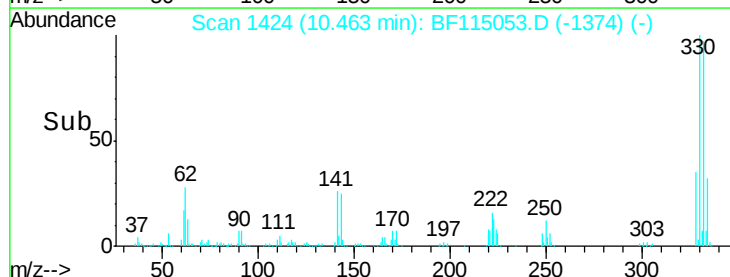
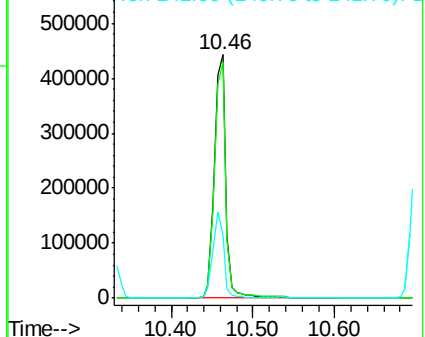
330 100

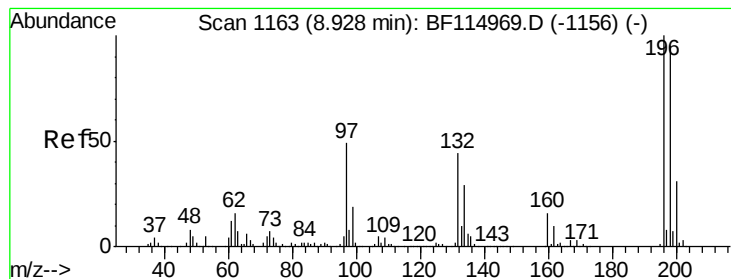
332 96.2 77.6 116.4

141 33.5 27.2 40.8



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: 29.176 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampled :

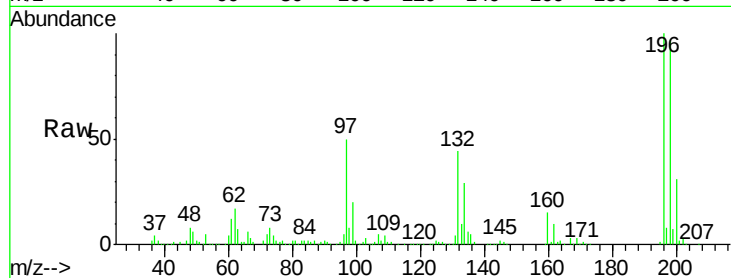
Tot Ion:196 Resp: 306203

Ion Ratio Lower Upper

196 100

198 96.7 75.8 113.8

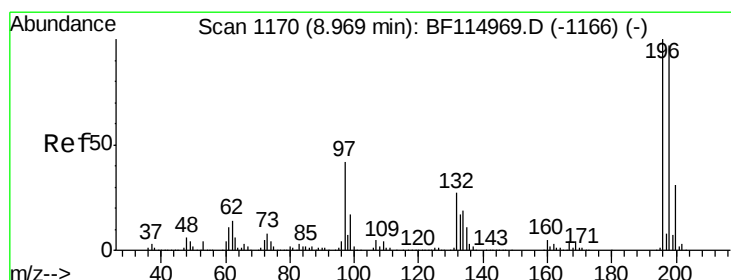
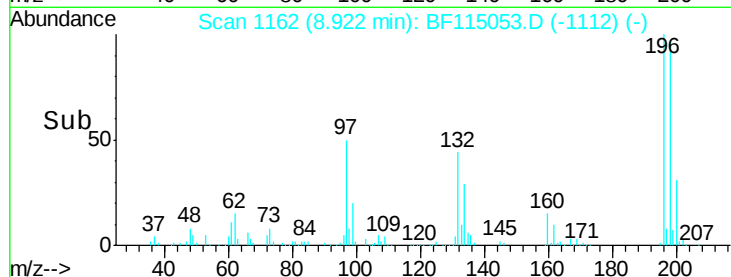
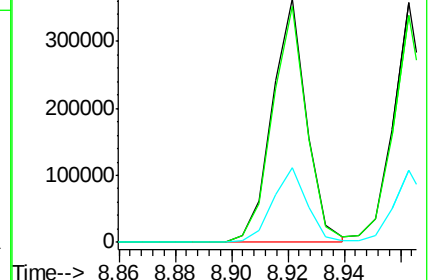
200 30.8 24.9 37.3



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: 30.776 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Tgt Ion:196 Resp: 326416

Ion Ratio Lower Upper

196 100

198 94.9 77.3 115.9

97 45.9 34.2 51.4

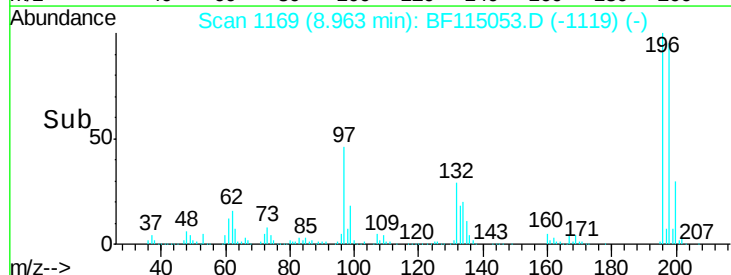
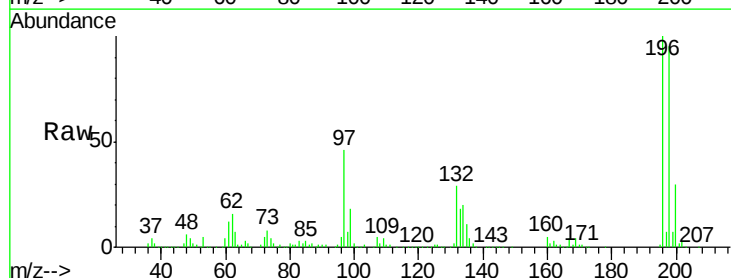
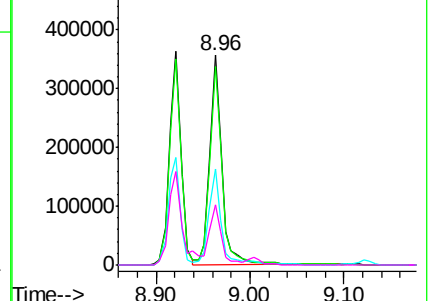
132 28.8 22.1 33.1

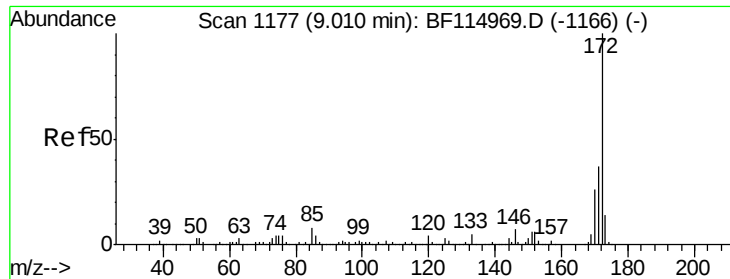
Abundance Ion 196.00 (195.70 to 196.70): E

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

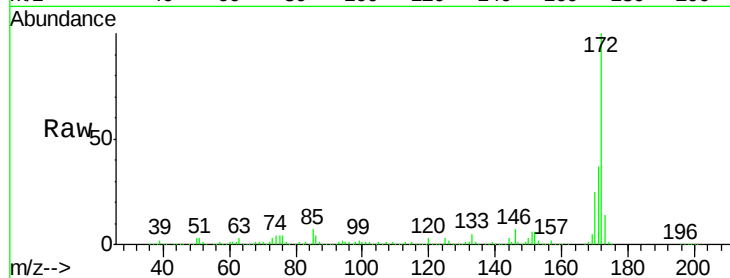




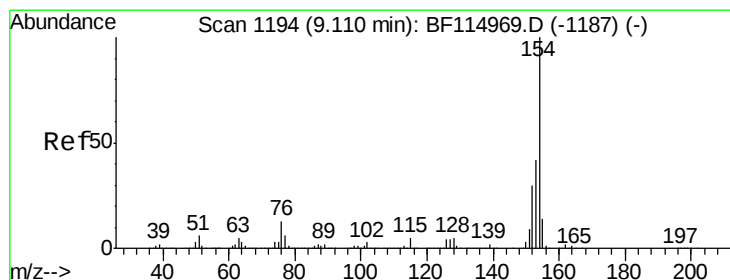
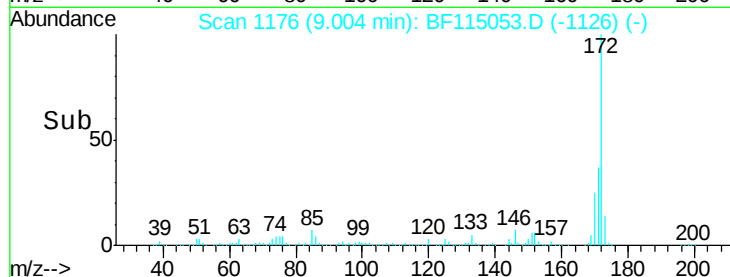
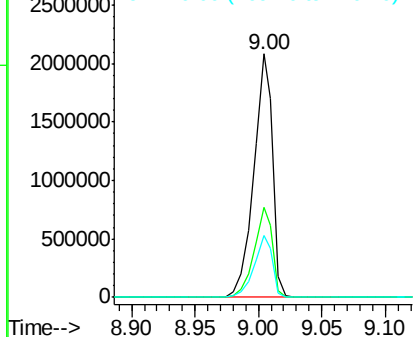
#45
2-Fluorobiphenyl
Concen: 77.125 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2164300
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 25.2 20.6 31.0

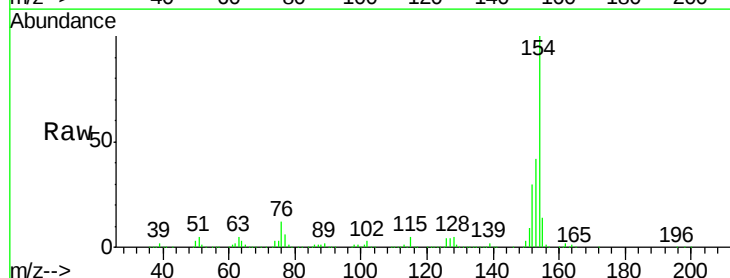


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

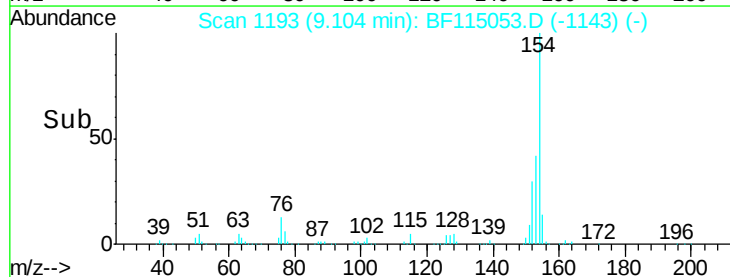
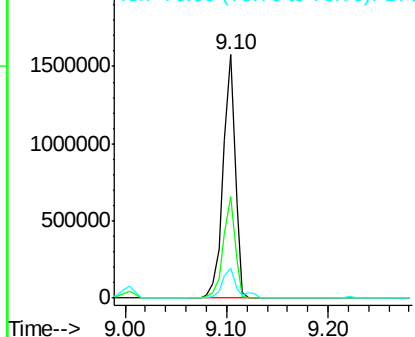


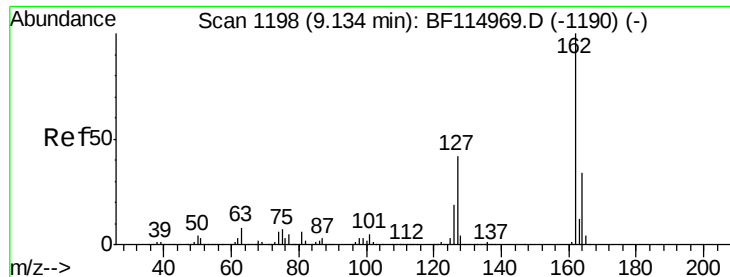
#46
1,1'-Biphenyl
Concen: 34.180 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:154 Resp: 1302683
Ion Ratio Lower Upper
154 100
153 41.9 22.4 62.4
76 12.5 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 33.264 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

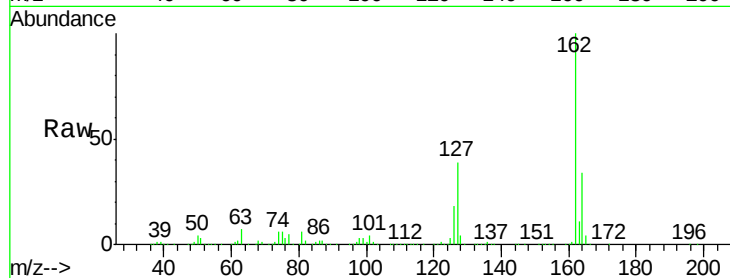
Tot Ion:162 Resp: 1025191

Ion Ratio Lower Upper

162 100

127 39.0 33.4 50.2

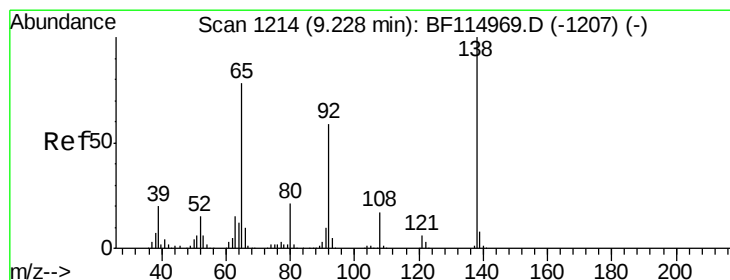
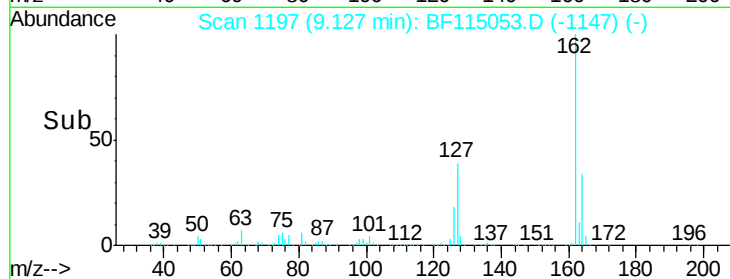
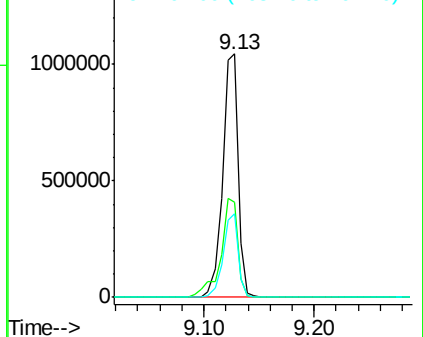
164 34.1 27.2 40.8



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: 31.185 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

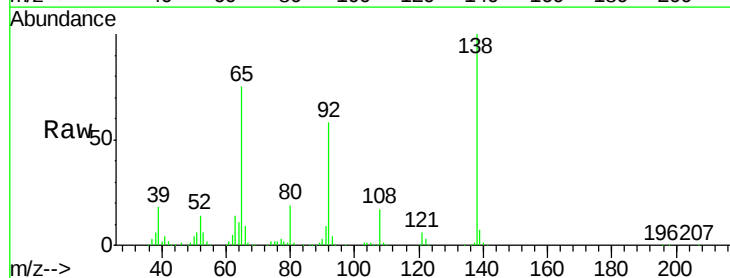
Tgt Ion: 65 Resp: 284080

Ion Ratio Lower Upper

65 100

92 77.1 60.5 90.7

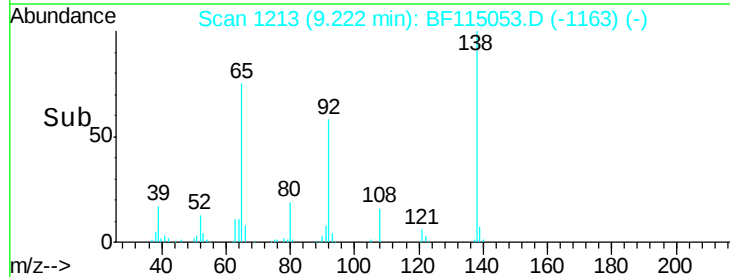
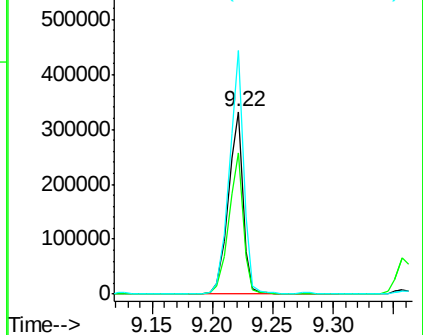
138 133.4 102.0 153.0

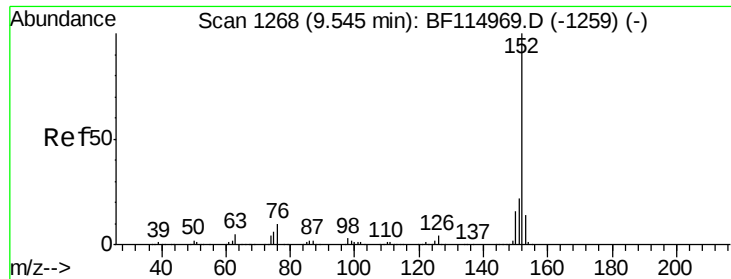


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 33.241 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

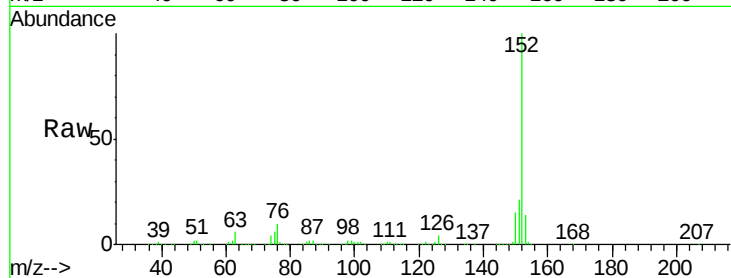
Tot Ion:152 Resp: 1575145

Ion Ratio Lower Upper

152 100

151 20.8 17.5 26.3

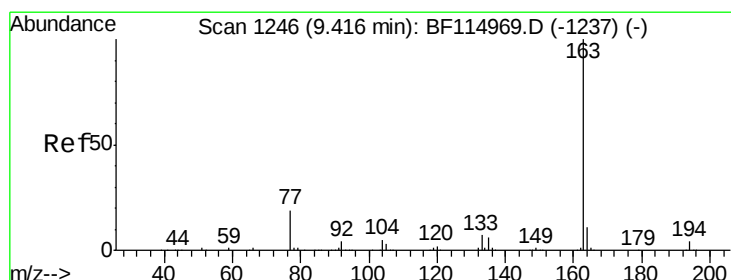
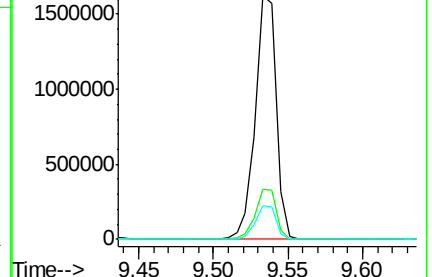
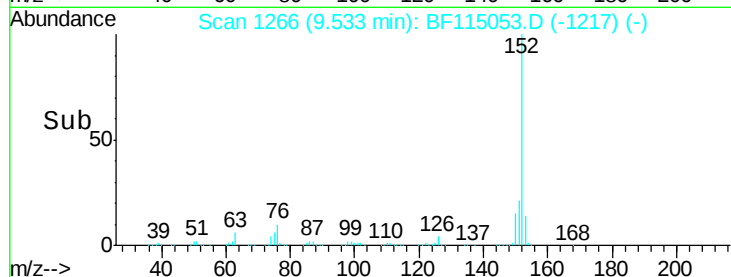
153 14.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.883 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

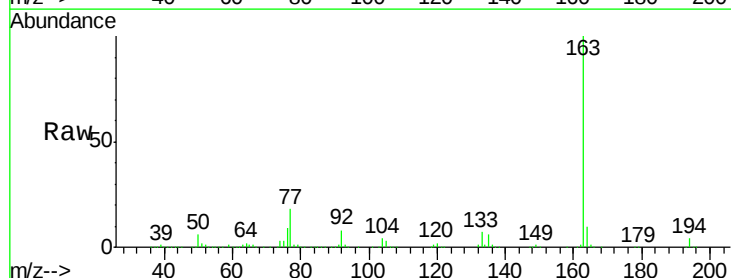
Tgt Ion:163 Resp: 1426529

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

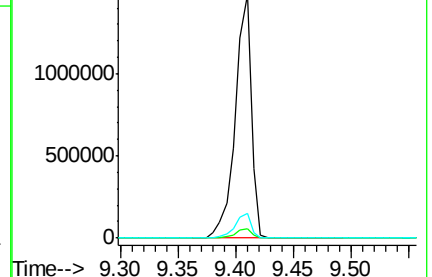
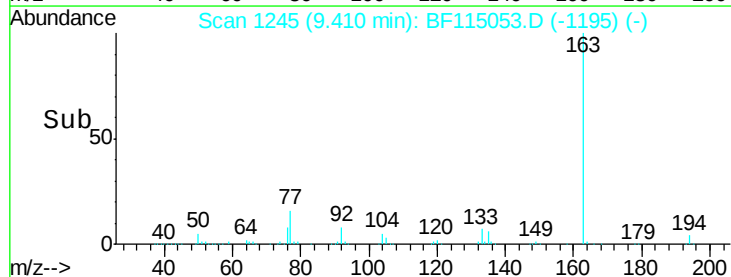
164 10.4 8.6 12.8

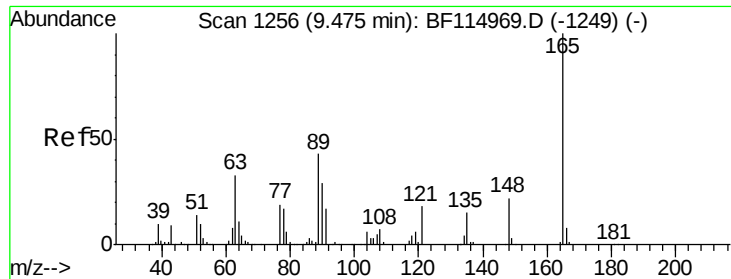


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

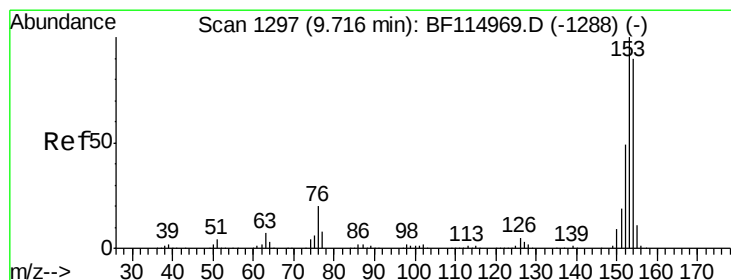
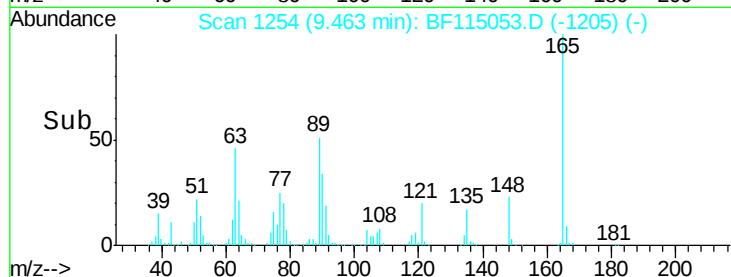
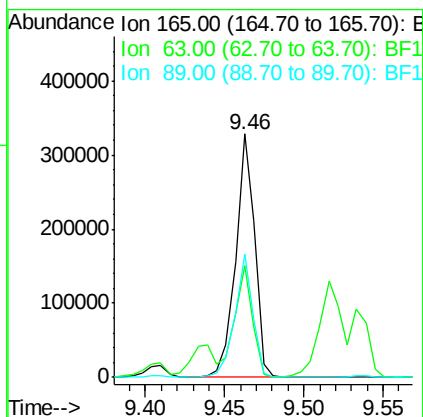
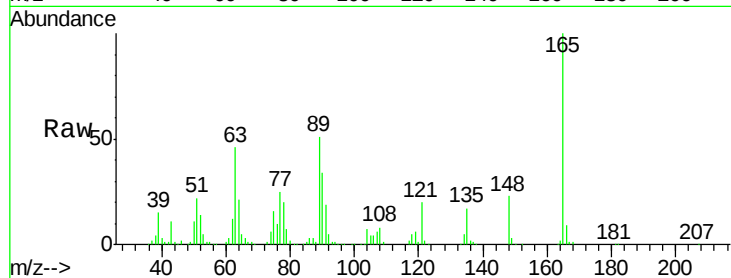




#51
 2,6-Dinitrotoluene
 Concen: 33.659 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

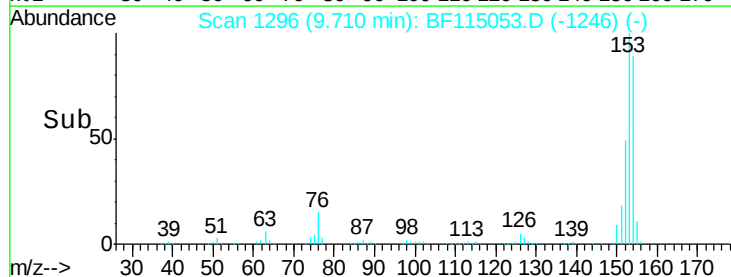
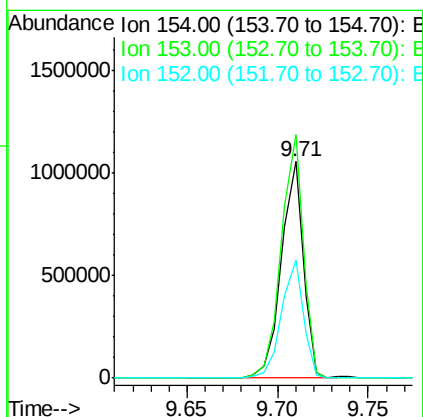
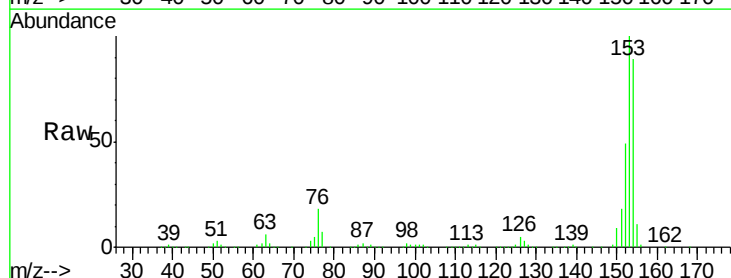
Instrument :
 BNA_F
 ClientSampleId :

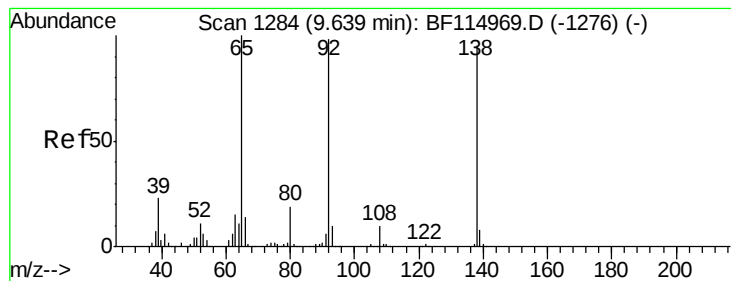
Tot Ion:165 Resp: 273094
 Ion Ratio Lower Upper
 165 100
 63 46.0 30.6 46.0#
 89 50.6 34.4 51.6



#52
 Acenaphthene
 Concen: 33.199 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:154 Resp: 900049
 Ion Ratio Lower Upper
 154 100
 153 112.5 88.5 132.7
 152 54.7 43.6 65.4





#53

3-Nitroaniline

Concen: 24.851 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

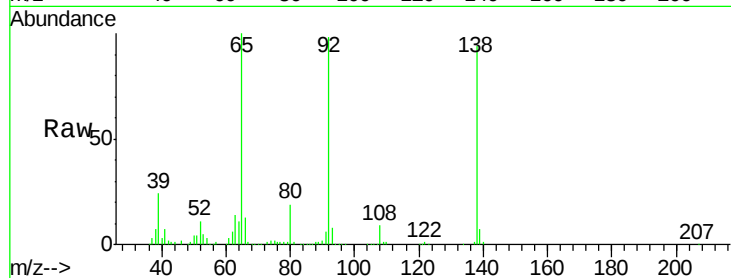
Tot Ion:138 Resp: 247035

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

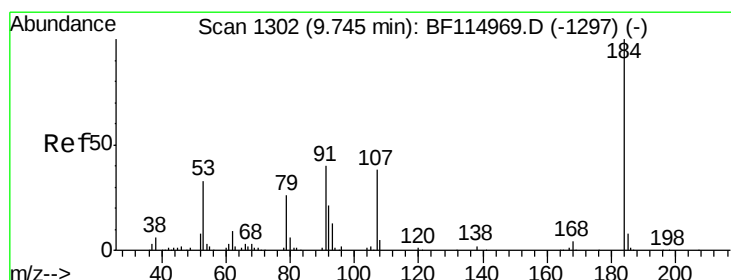
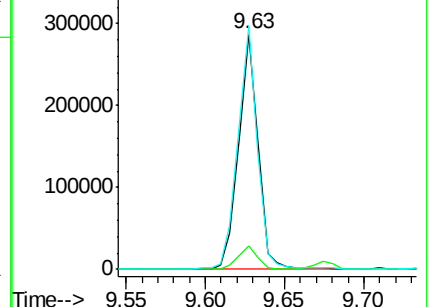
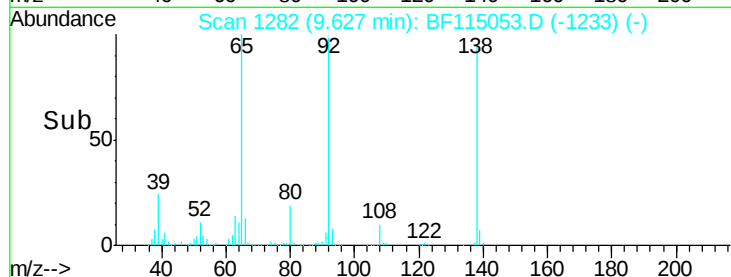
92 103.6 82.4 123.6



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: 4.094 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

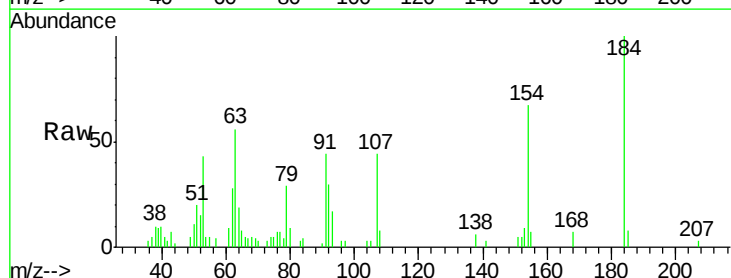
Tgt Ion:184 Resp: 16111

Ion Ratio Lower Upper

184 100

63 55.8 40.5 60.7

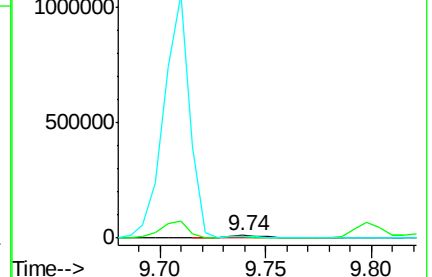
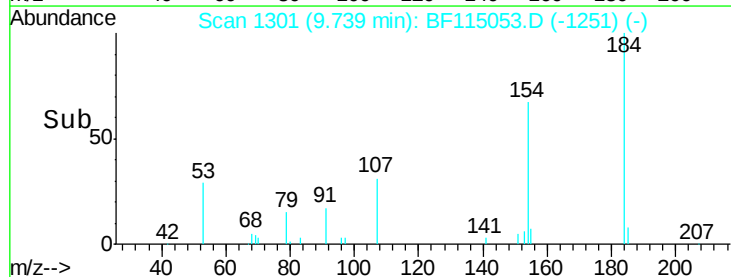
154 67.2 44.8 67.2#

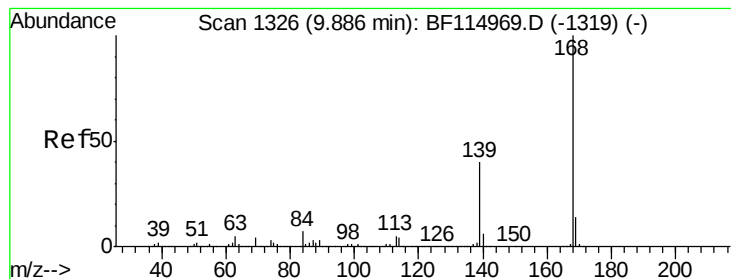


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 33.135 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

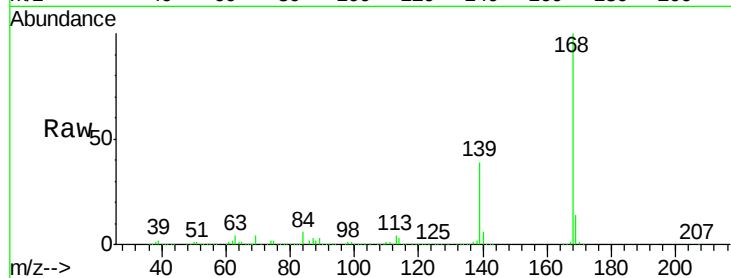
Tot Ion:168 Resp: 1353872

Ion Ratio Lower Upper

168 100

139 38.6 32.5 48.7

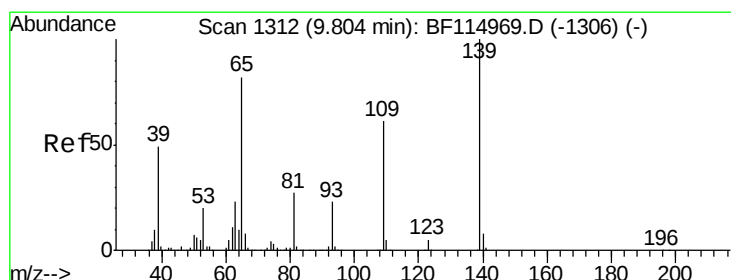
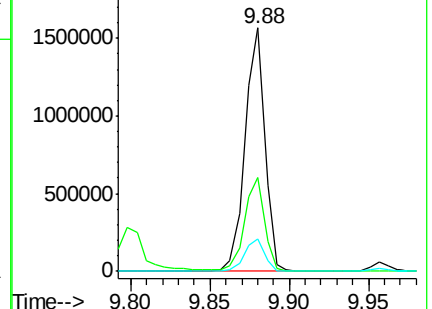
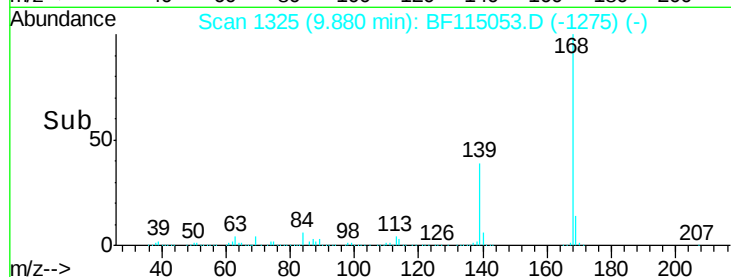
169 13.5 11.5 17.3



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: 47.283 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

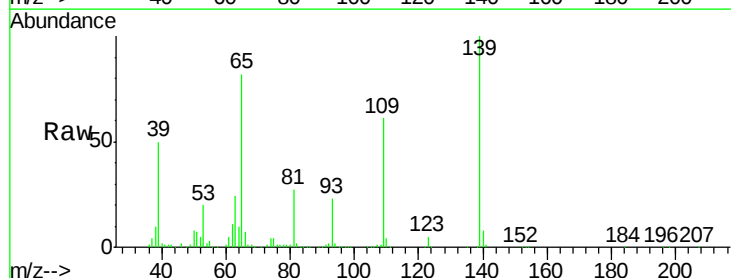
Tgt Ion:139 Resp: 324129

Ion Ratio Lower Upper

139 100

109 61.5 41.4 81.4

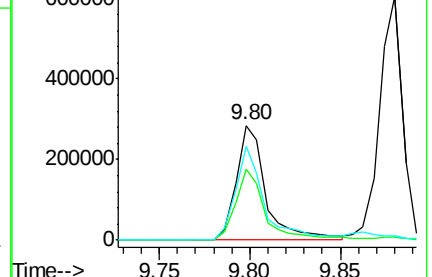
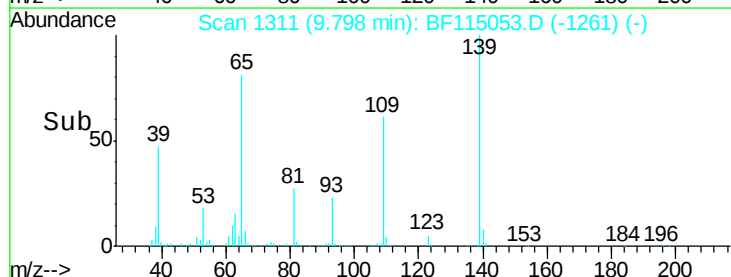
65 81.9 62.7 102.7

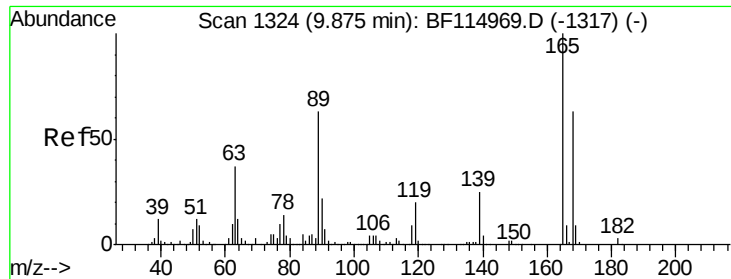


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

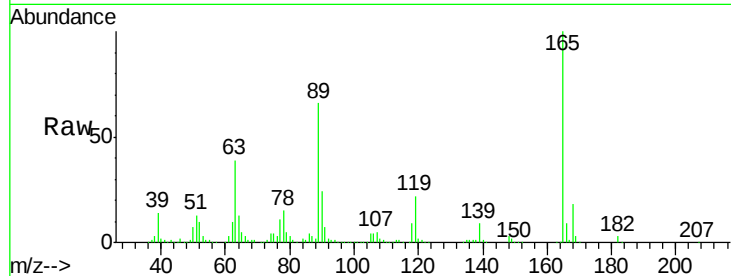




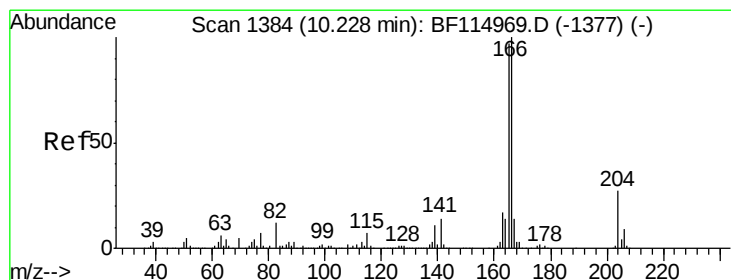
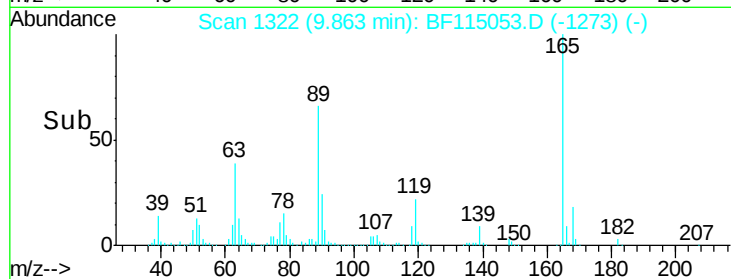
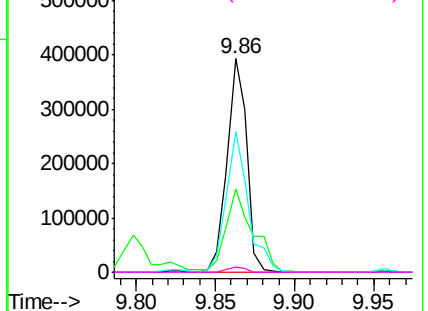
#57
 2,4-Dinitrotoluene
 Concen: 32.830 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 339034
 Ion Ratio Lower Upper
 165 100
 63 38.8 29.4 44.2
 89 65.9 50.6 75.8
 182 2.7 2.2 3.2

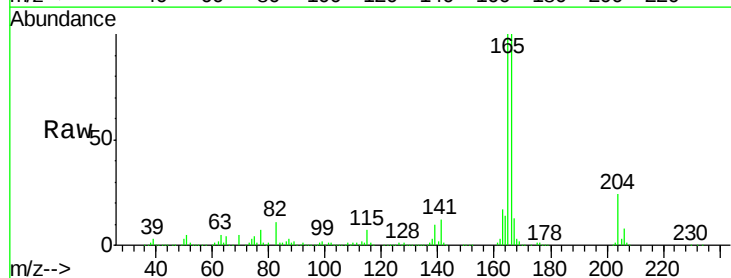


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

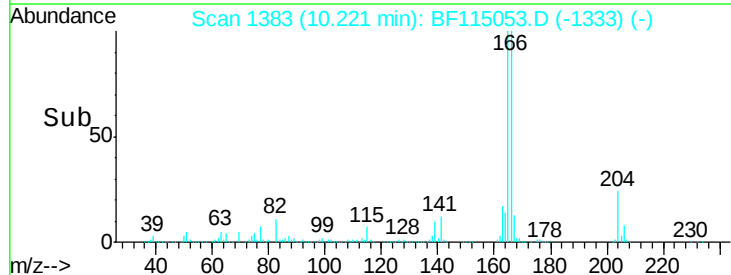
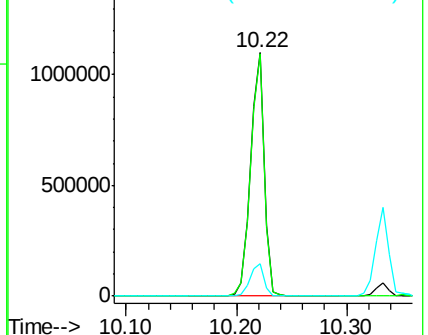


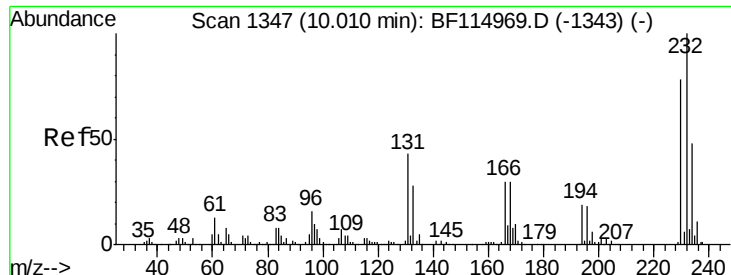
#58
 Fluorene
 Concen: 33.343 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:166 Resp: 964659
 Ion Ratio Lower Upper
 166 100
 165 99.7 77.6 116.4
 167 13.3 11.0 16.4



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

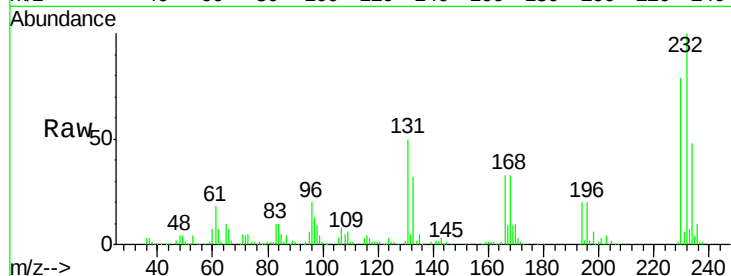




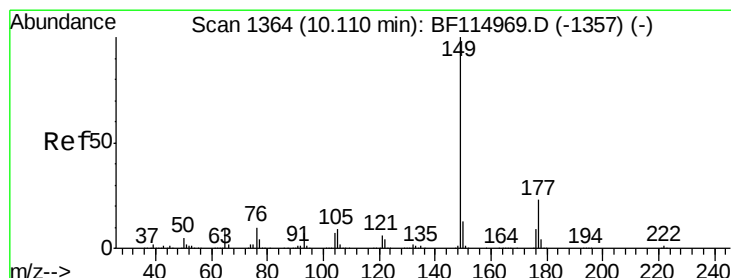
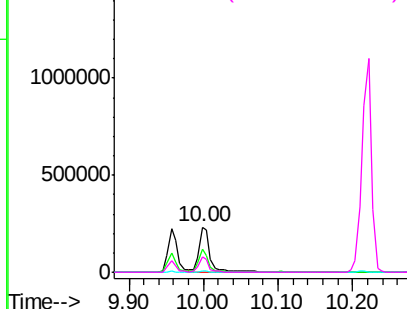
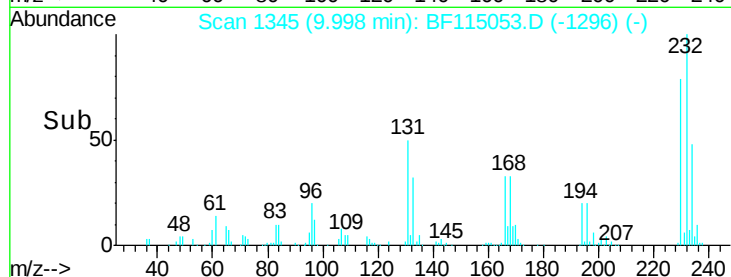
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 29.042 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 248813
 Ion Ratio Lower Upper
 232 100
 131 44.3 36.9 55.3
 130 2.1 1.8 2.6
 166 29.0 24.8 37.2

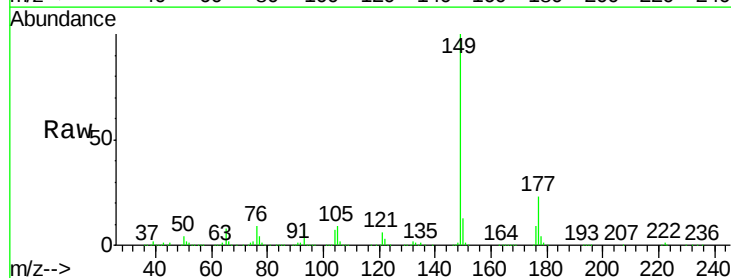


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

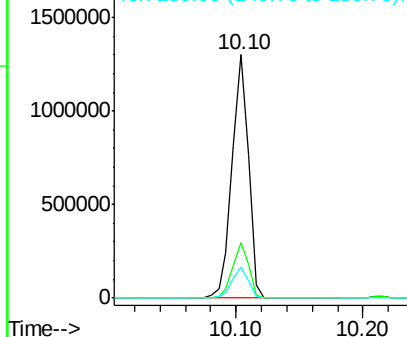
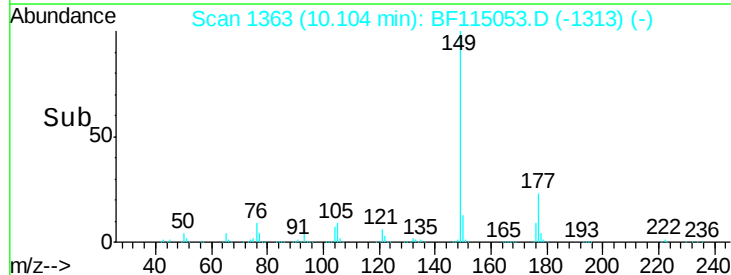


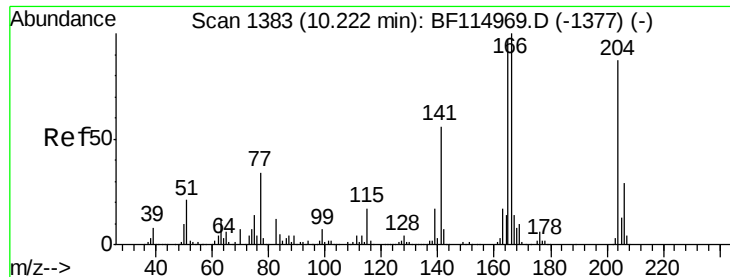
#60
 Diethylphthalate
 Concen: 33.769 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:149 Resp: 1154912
 Ion Ratio Lower Upper
 149 100
 177 22.8 18.6 27.8
 150 12.8 10.5 15.7



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

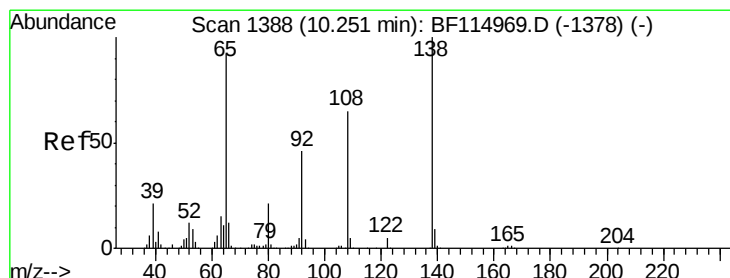
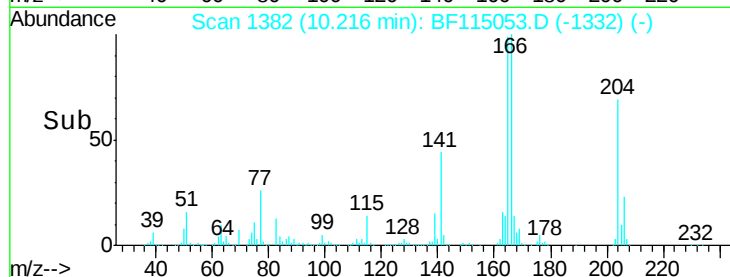
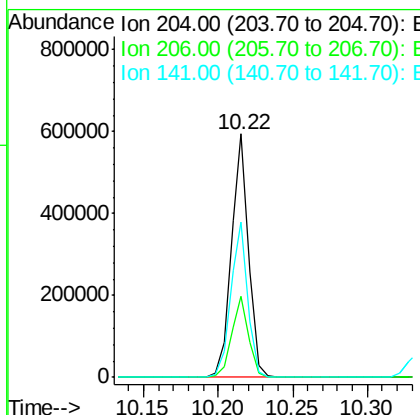
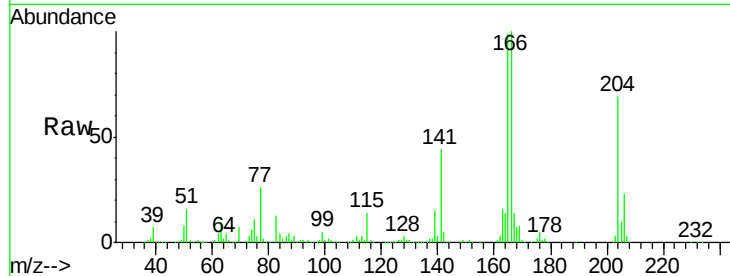




#61
4-Chlorophenyl-phenylether
Concen: 33.777 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

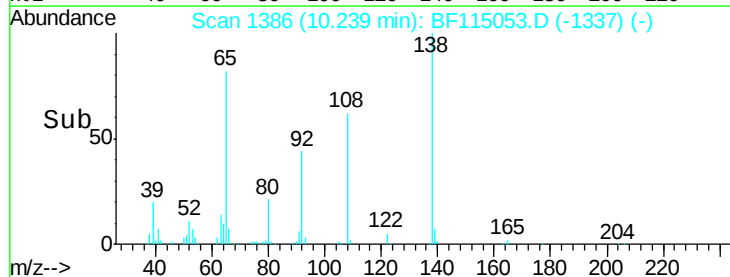
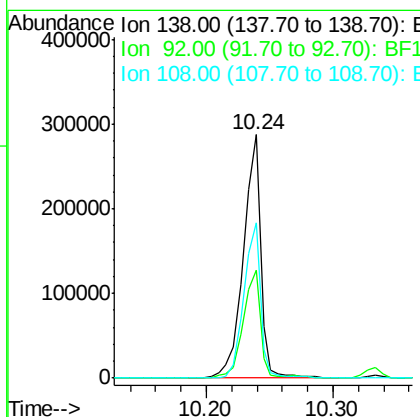
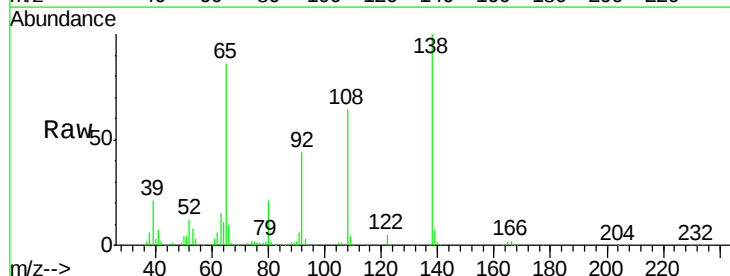
Instrument :
BNA_F
ClientSampleId :

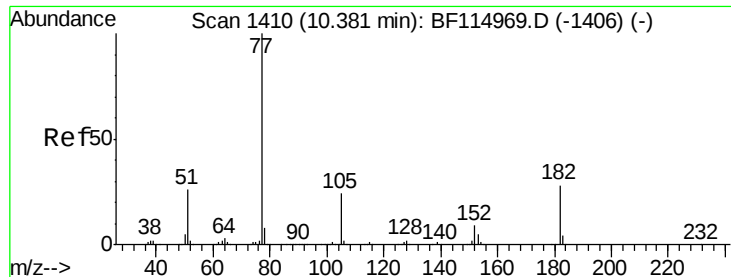
Tot Ion:204 Resp: 481509
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 63.6 51.8 77.8



#62
4-Nitroaniline
Concen: 27.328 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:138 Resp: 273137
Ion Ratio Lower Upper
138 100
92 44.3 25.7 65.7
108 63.6 44.6 84.6

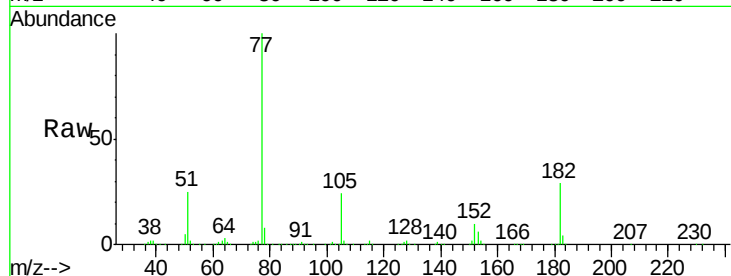




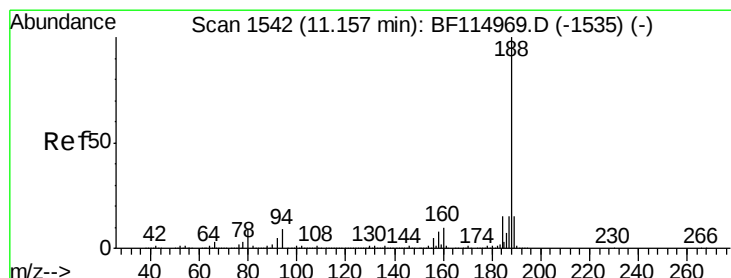
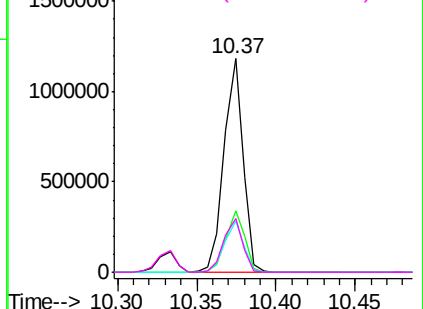
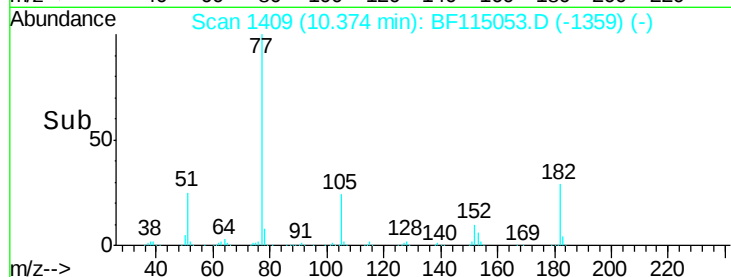
#63
Azobenzene
Concen: 33.022 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 988013
Ion Ratio Lower Upper
77 100
182 29.0 7.4 47.4
105 24.0 4.2 44.2
51 25.4 6.2 46.2

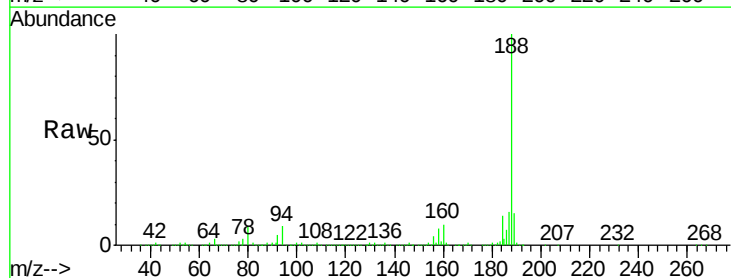


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

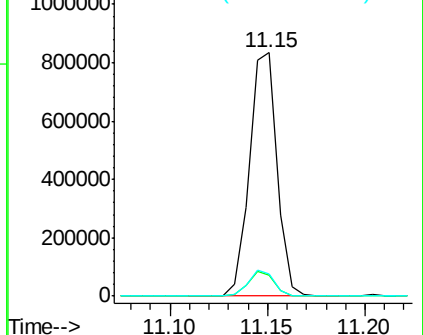
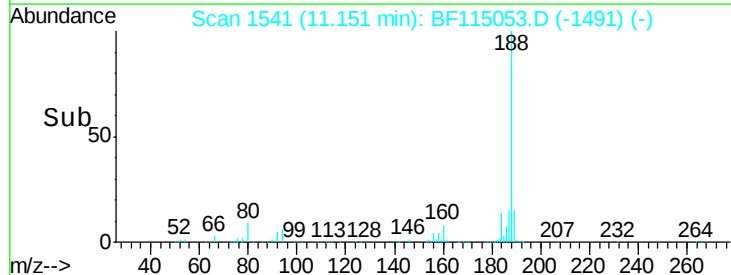


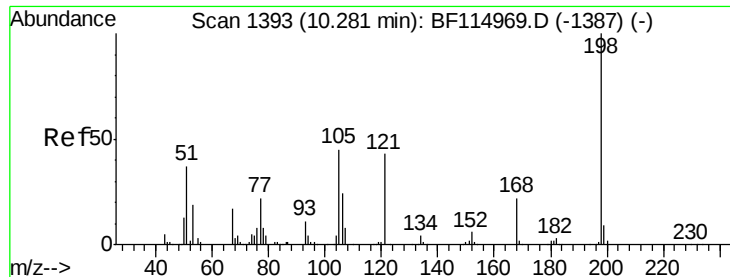
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion: 188 Resp: 817678
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.0 7.4 11.2



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: 13.280 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

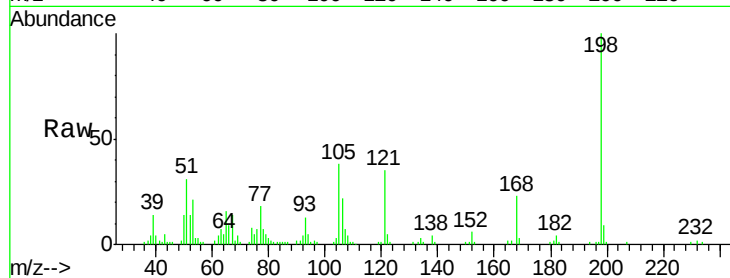
ClientSampleId :

Tot Ion:198 Resp: 60861

Ion	Ratio	Lower	Upper
198	100		
51	30.9	23.0	63.0
105	37.8	26.5	66.5

51 30.9 23.0 63.0

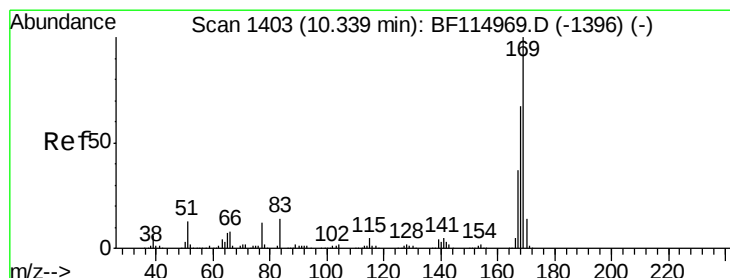
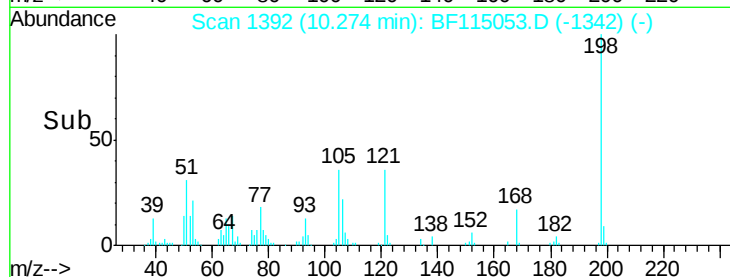
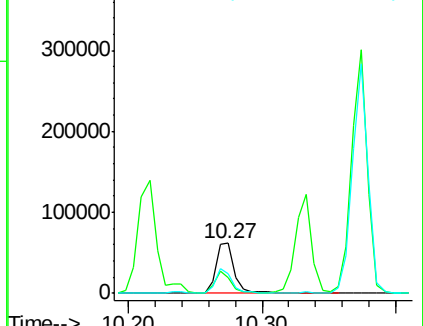
105 37.8 26.5 66.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.145 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

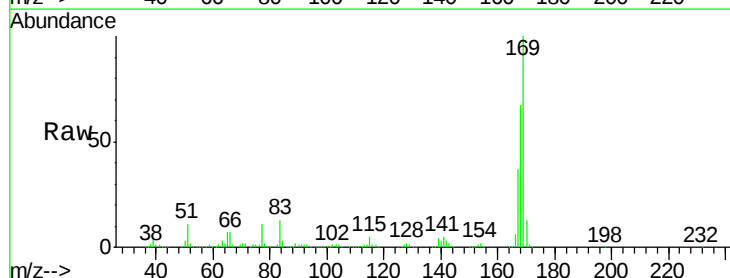
Tgt Ion:169 Resp: 907879

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.6	80.4
167	37.1	29.6	44.4

169 100

168 67.1 53.6 80.4

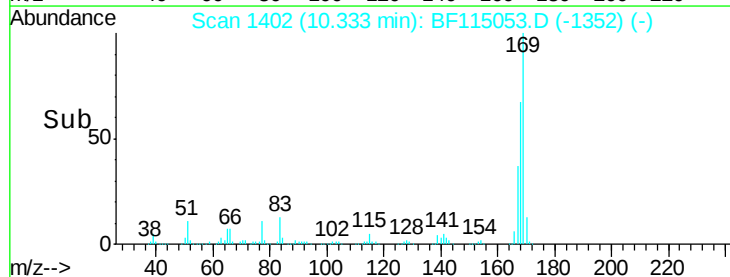
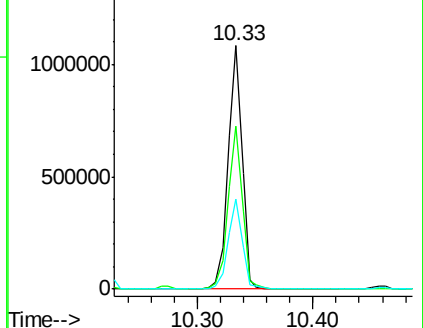
167 37.1 29.6 44.4

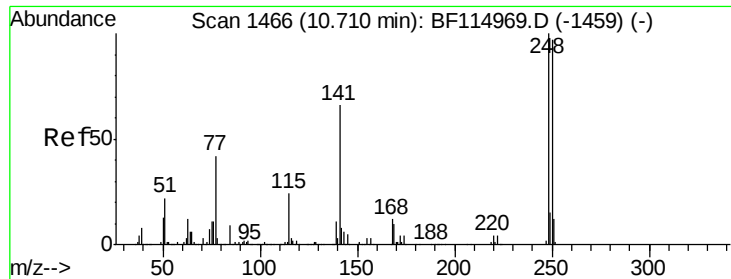


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

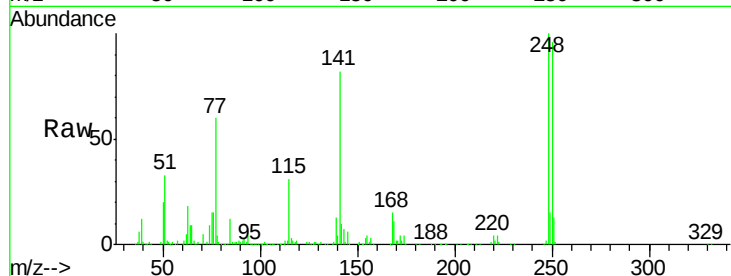




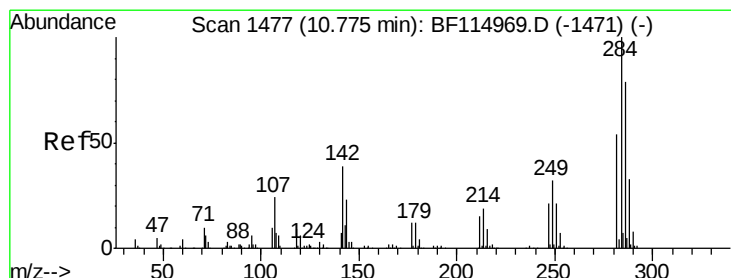
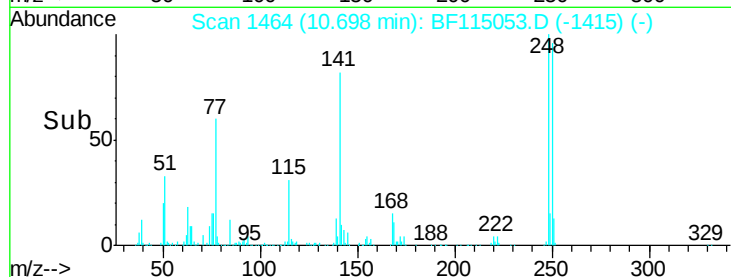
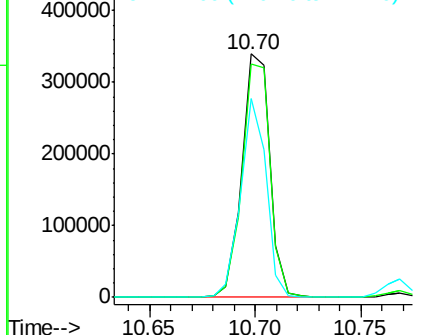
#67
4-Bromophenyl-phenylether
Concen: 35.422 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 310985
Ion Ratio Lower Upper
248 100
250 95.6 77.8 116.8
141 81.5 53.1 79.7#

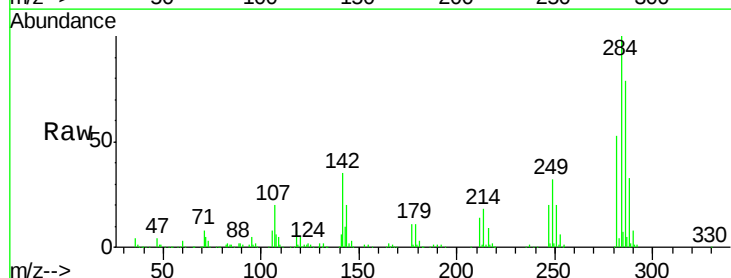


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

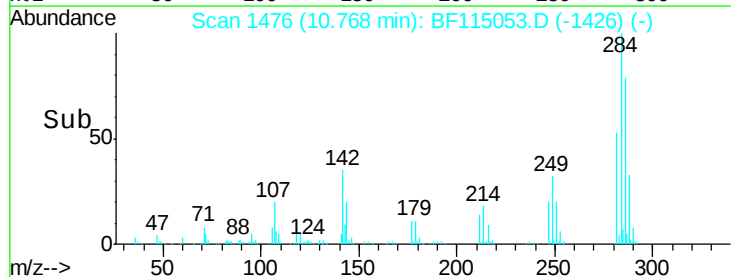
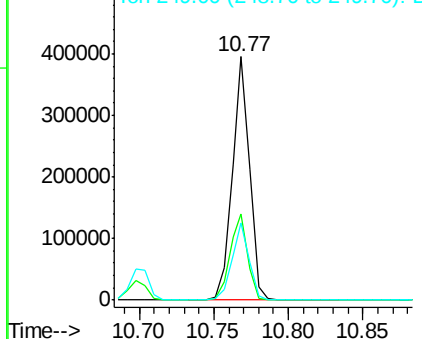


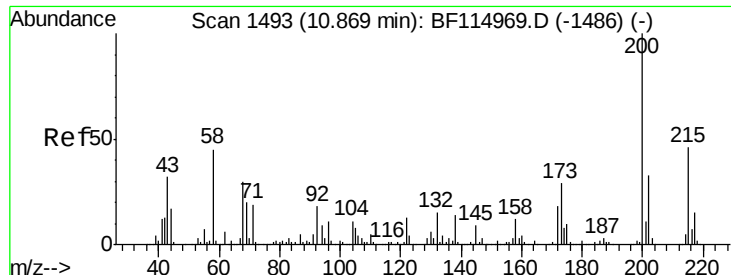
#68
Hexachlorobenzene
Concen: 33.506 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:284 Resp: 323857
Ion Ratio Lower Upper
284 100
142 35.2 31.5 47.3
249 31.8 25.6 38.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

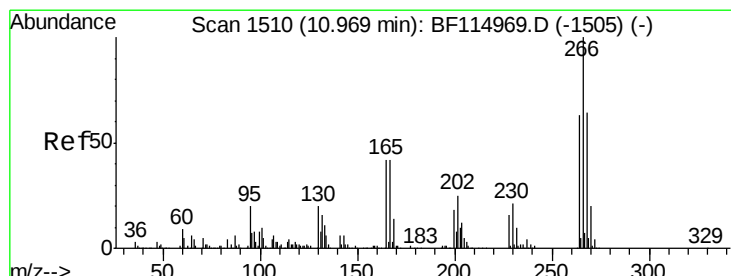
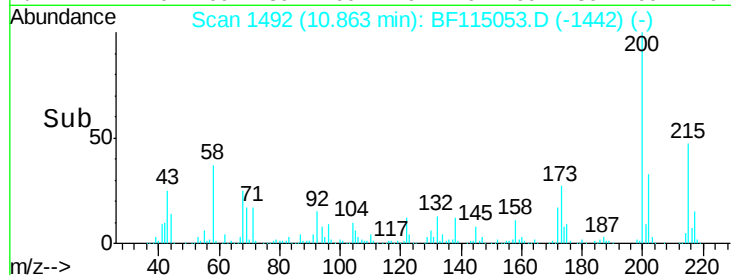
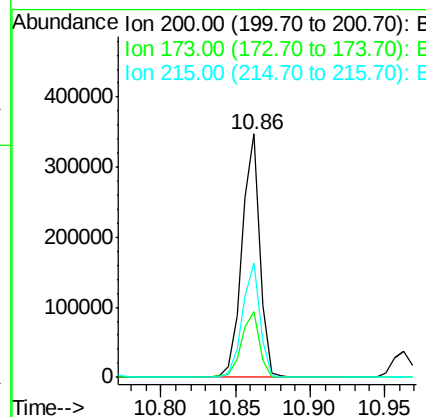
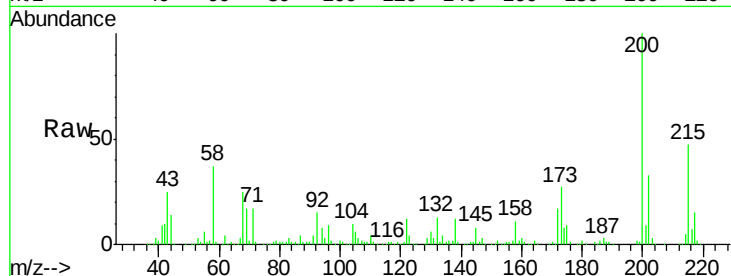




#69
 Atrazine
 Concen: 36.900 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

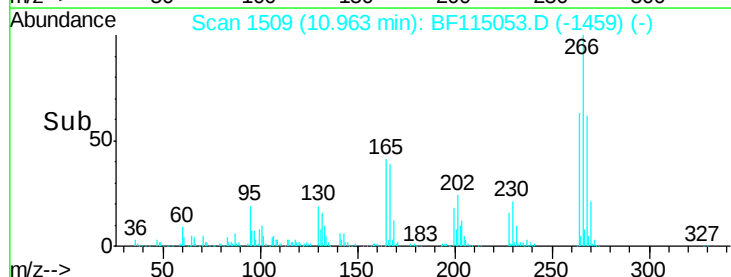
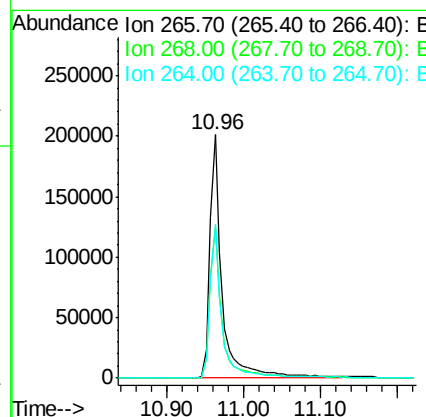
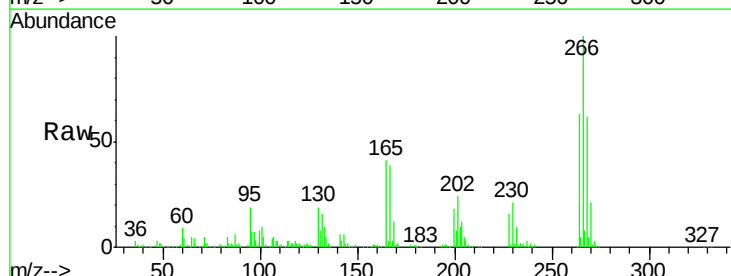
Instrument :
 BNA_F
 ClientSampleId :

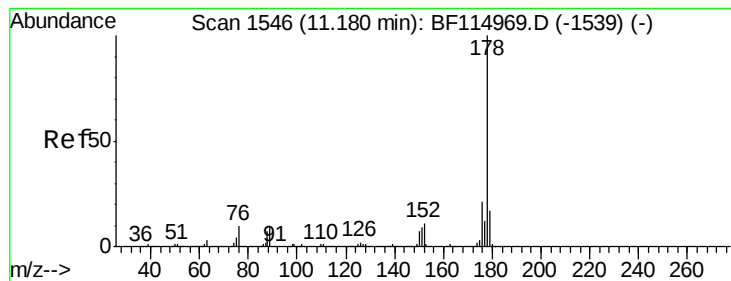
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	9.0	49.0
215	46.8	26.5	66.5



#70
 Pentachlorophenol
 Concen: 42.857 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.4	77.2
264	63.1	50.3	75.5





#71

Phenanthrene

Concen: 33.152 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

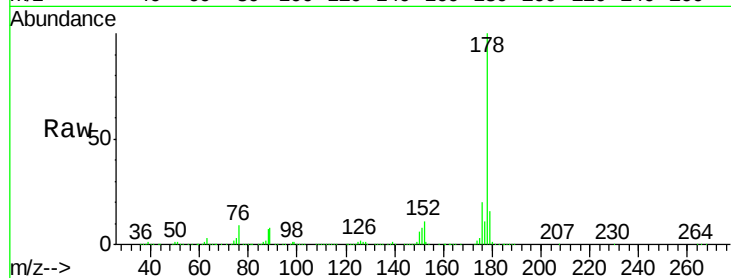
Tot Ion:178 Resp: 1399612

Ion Ratio Lower Upper

178 100

176 20.3 16.9 25.3

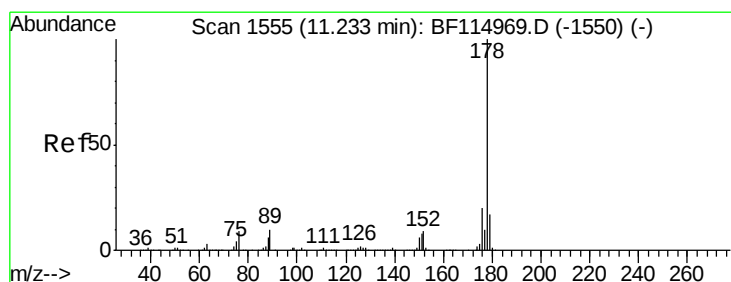
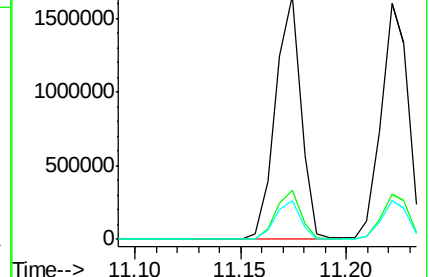
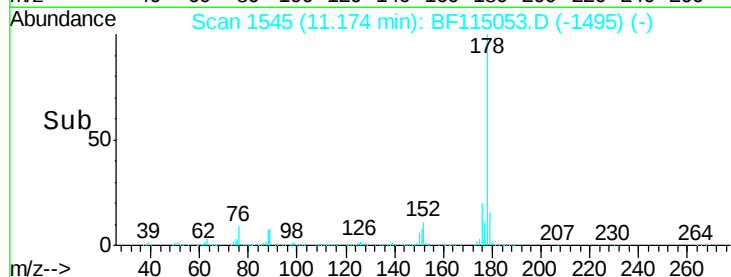
179 15.9 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.009 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

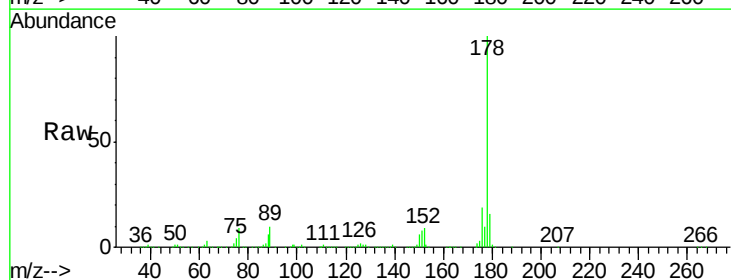
Tgt Ion:178 Resp: 1448459

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

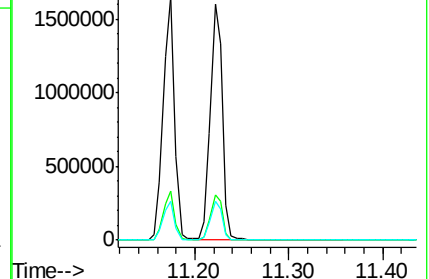
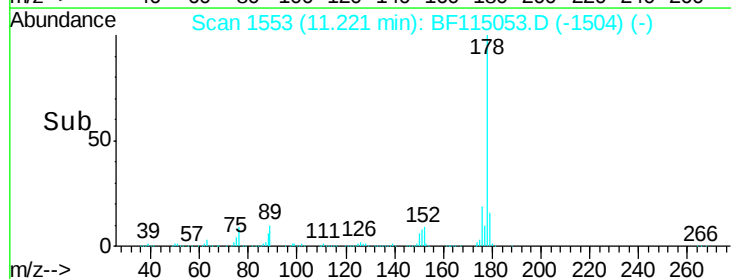
179 16.3 13.2 19.8

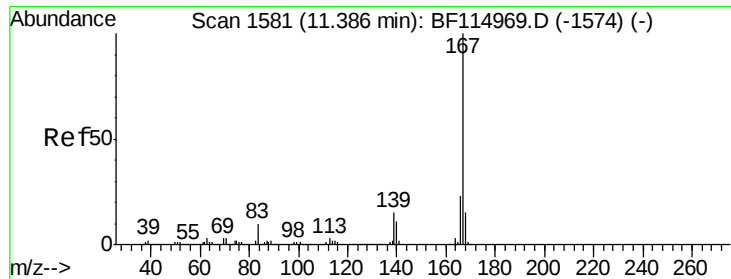


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 33.982 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

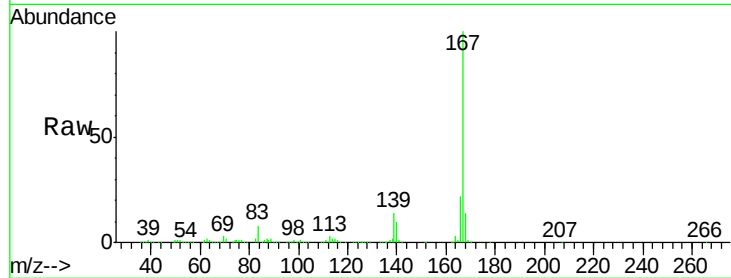
Tot Ion:167 Resp: 1263263

Ion Ratio Lower Upper

167 100

166 21.8 18.5 27.7

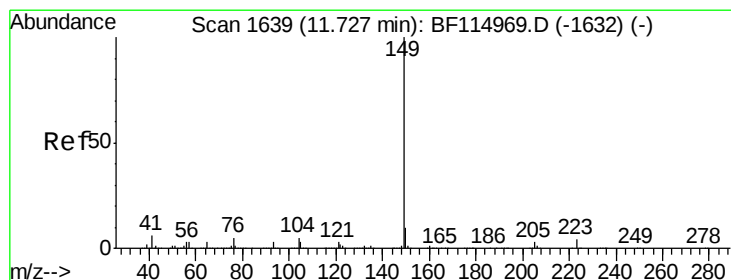
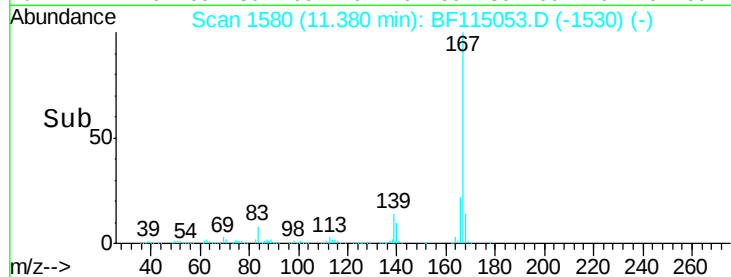
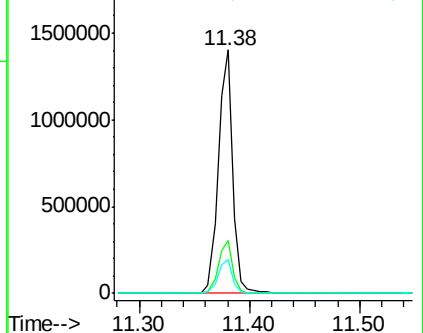
139 13.7 12.0 18.0



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: 35.907 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

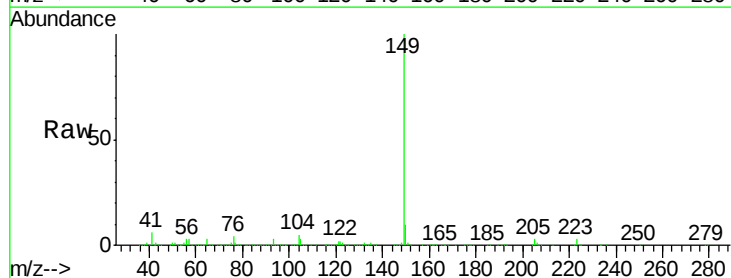
Tgt Ion:149 Resp: 1682805

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

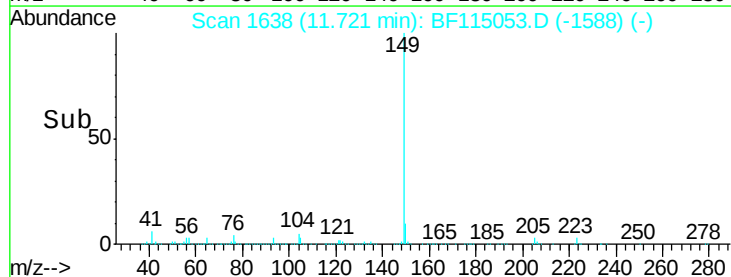
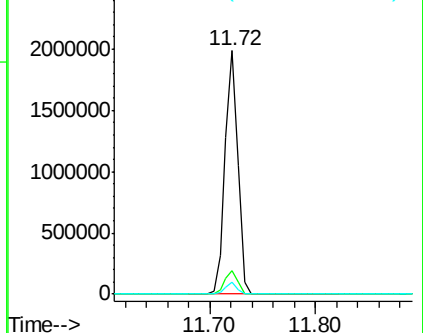
104 4.8 4.0 6.0

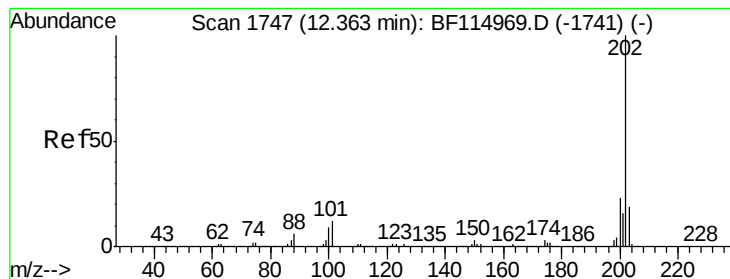


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 30.593 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

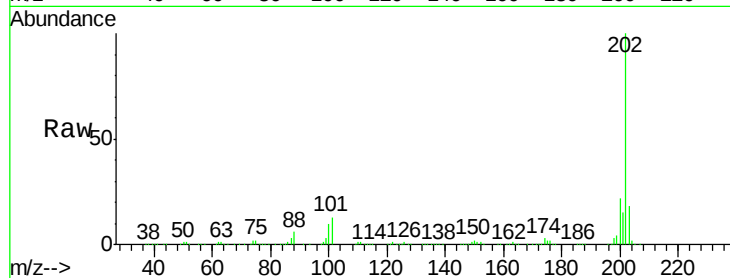
Tot Ion:202 Resp: 1320680

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.4

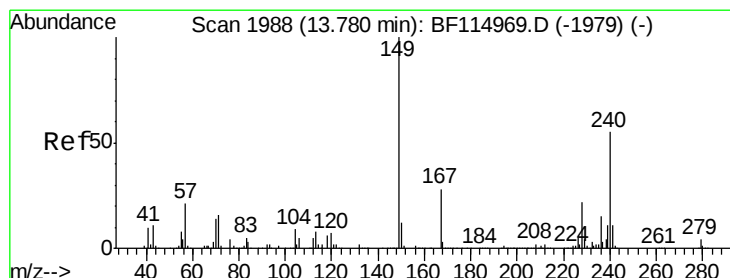
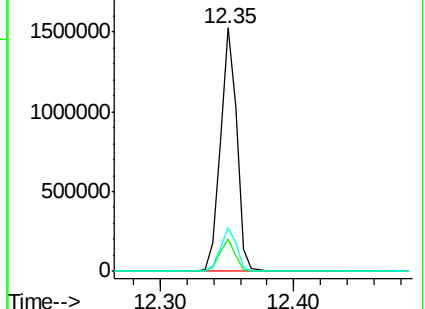
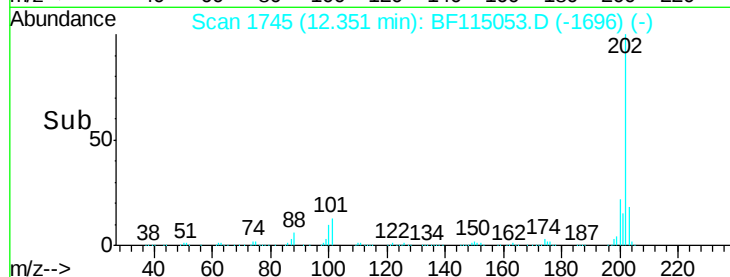
203 18.0 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

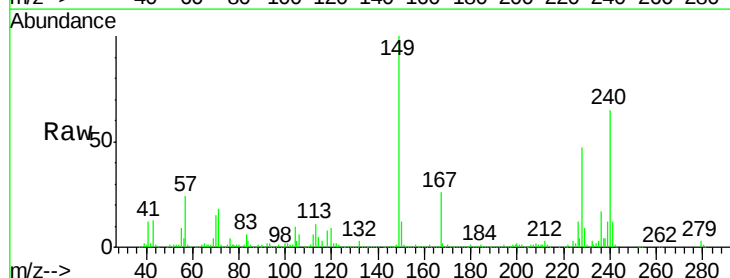
Tgt Ion:240 Resp: 489102

Ion Ratio Lower Upper

240 100

120 13.6 10.0 15.0

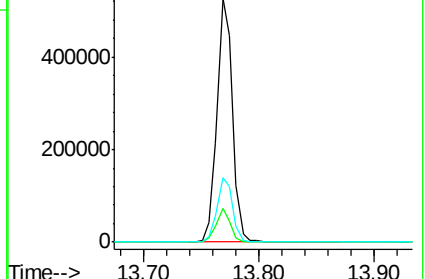
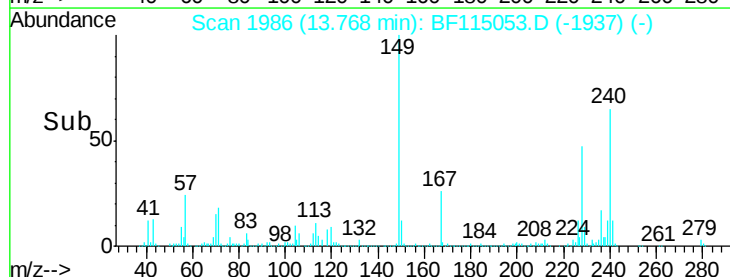
236 26.5 21.6 32.4

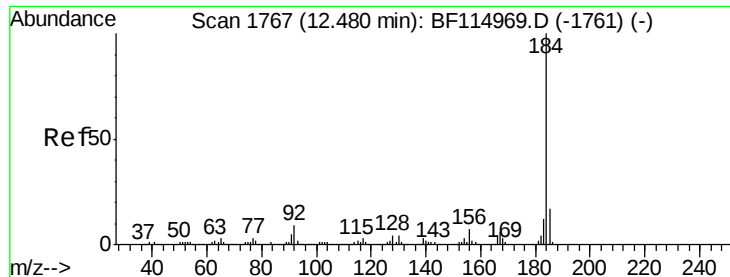


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.469 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

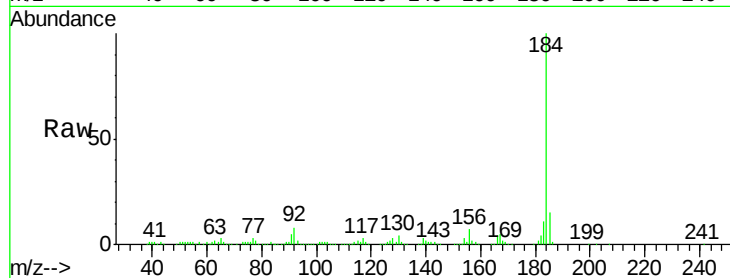
Tot Ion:184 Resp: 365367

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

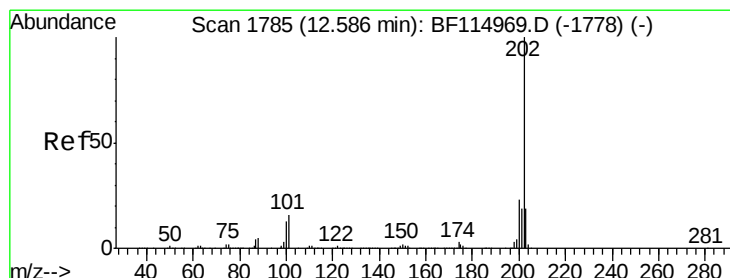
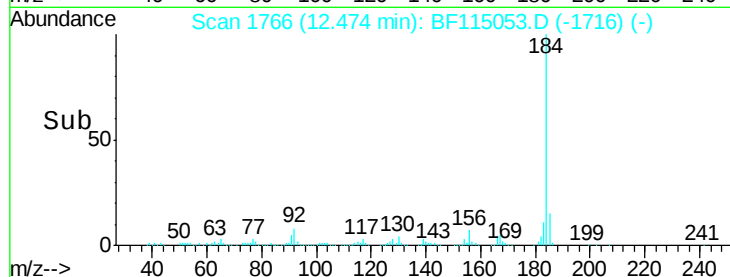
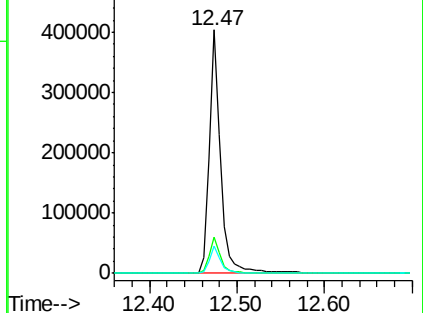
183 11.3 9.8 14.6



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: 29.604 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

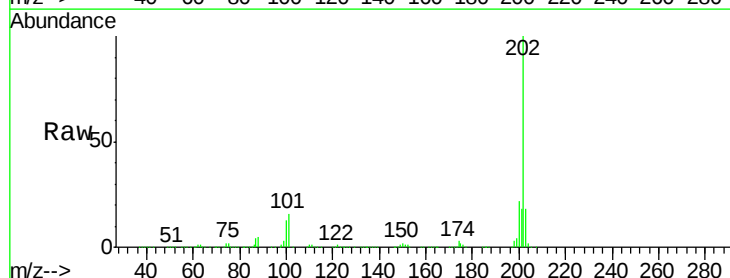
Tgt Ion:202 Resp: 1319064

Ion Ratio Lower Upper

202 100

200 22.3 18.4 27.6

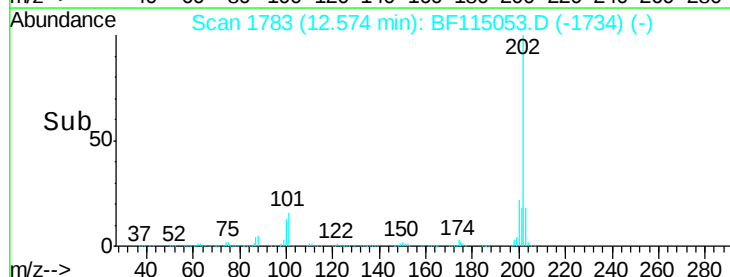
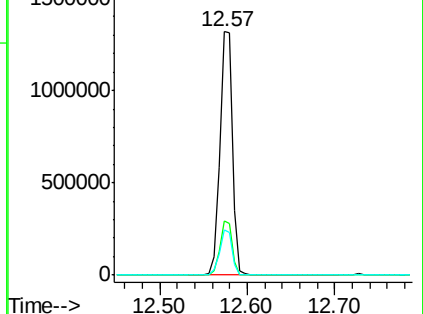
203 18.5 14.9 22.3

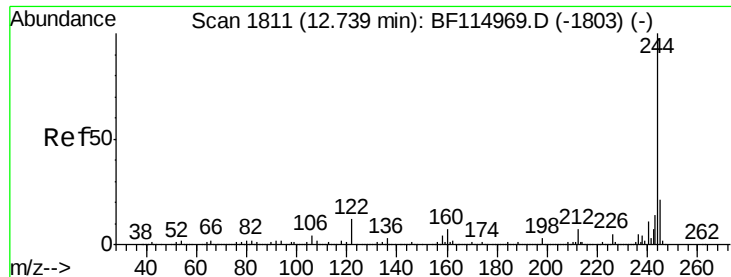


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

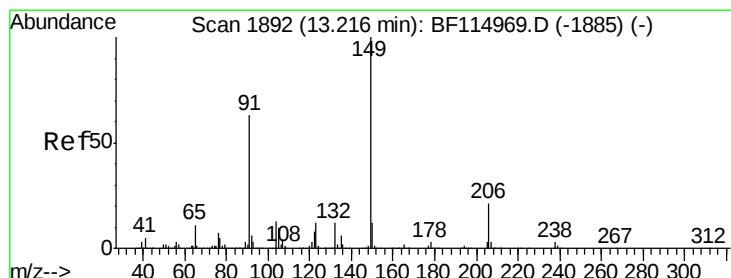
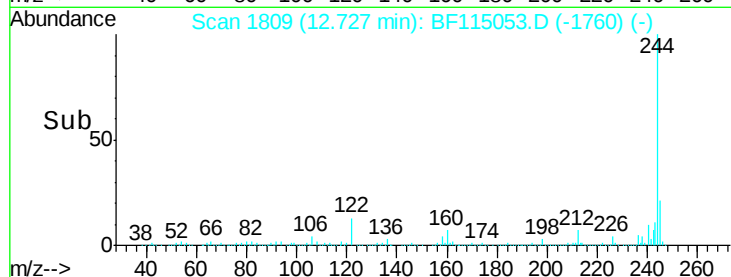
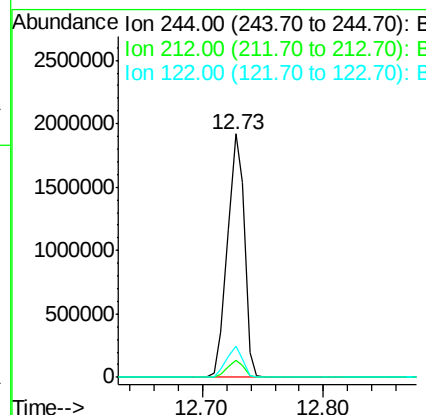
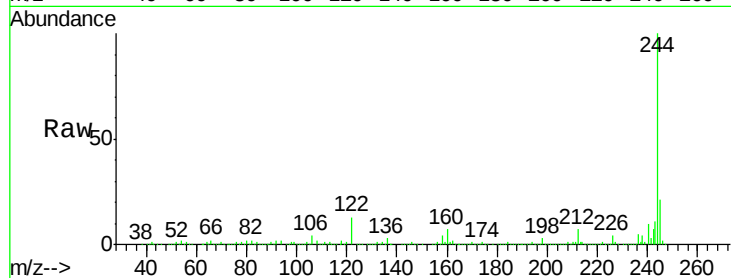




#79
 Terphenyl-d14
 Concen: 71.492 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

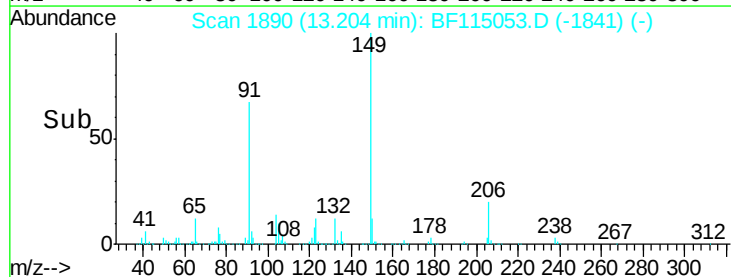
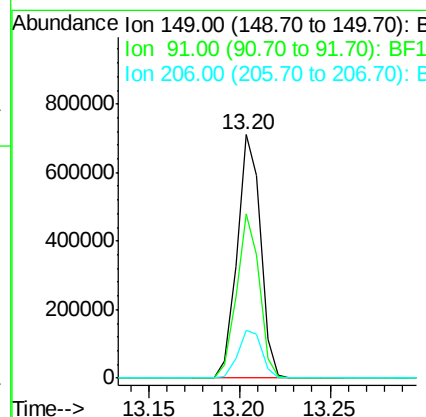
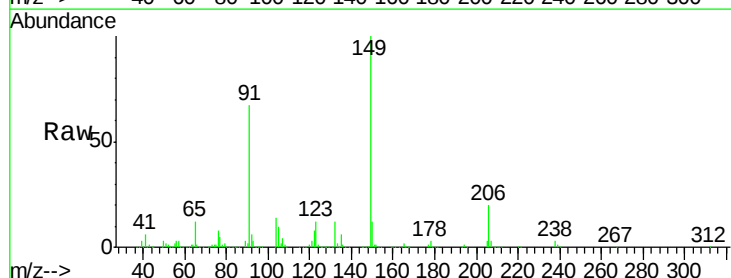
Instrument :
 BNA_F
 ClientSampled :

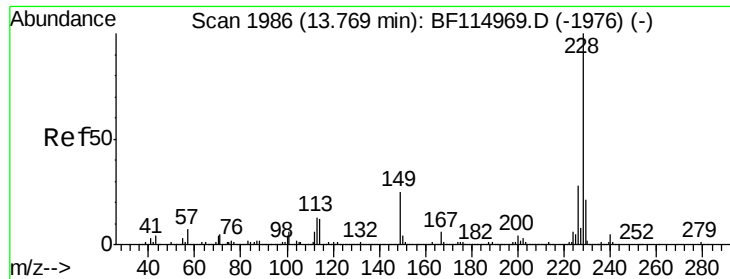
Tot Ion:244 Resp: 1859070
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.7 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 30.625 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:149 Resp: 637333
 Ion Ratio Lower Upper
 149 100
 91 67.4 50.6 76.0
 206 19.5 16.7 25.1

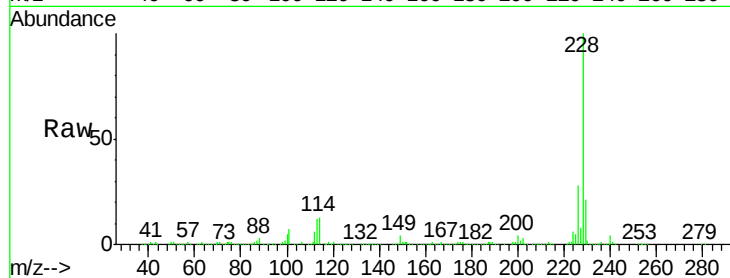




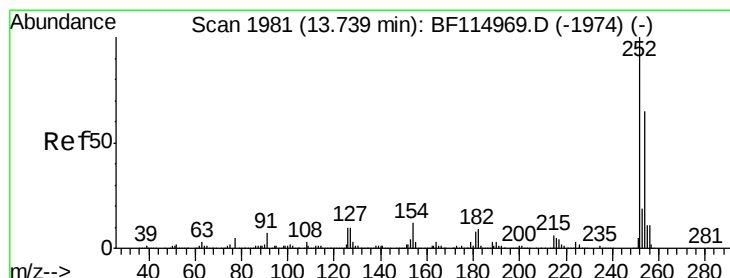
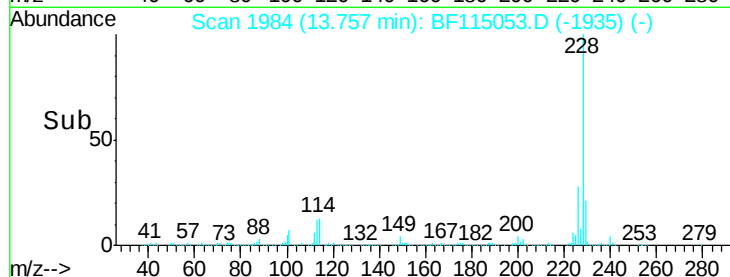
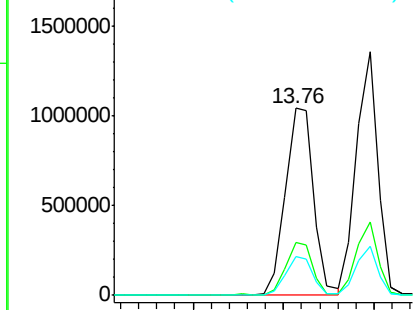
#81
Benzo(a)anthracene
Concen: 31.037 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1135985
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 20.9 16.6 25.0

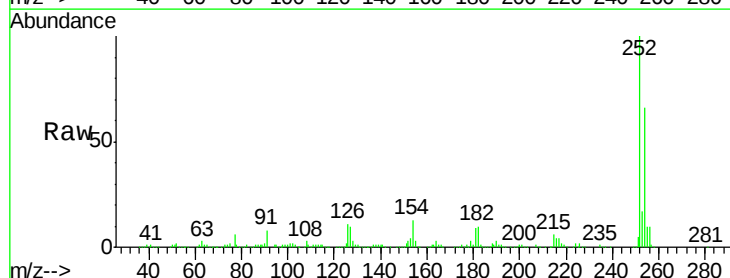


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

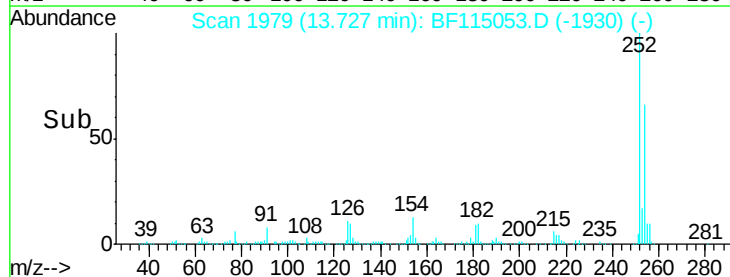
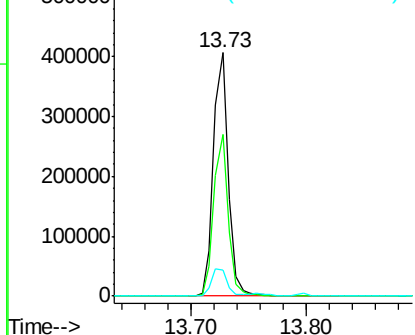


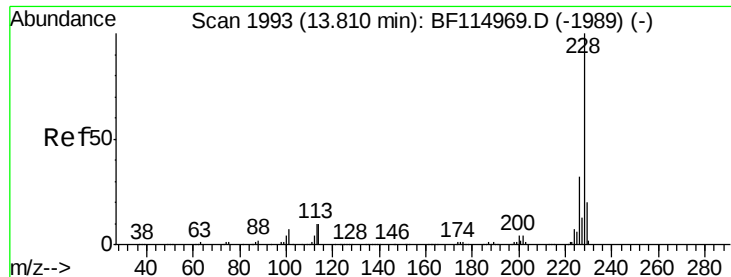
#82
3,3'-Dichlorobenzidine
Concen: 25.970 ng
RT: 13.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:252 Resp: 364419
Ion Ratio Lower Upper
252 100
254 66.4 52.2 78.4
126 10.9 8.0 12.0



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





#83

Chrvsene

Concen: 31.350 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

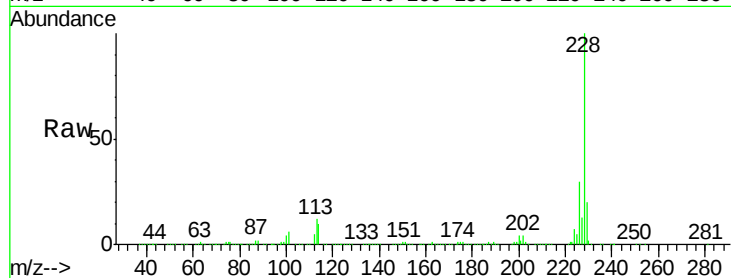
Tot Ion:228 Resp: 1140997

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.0

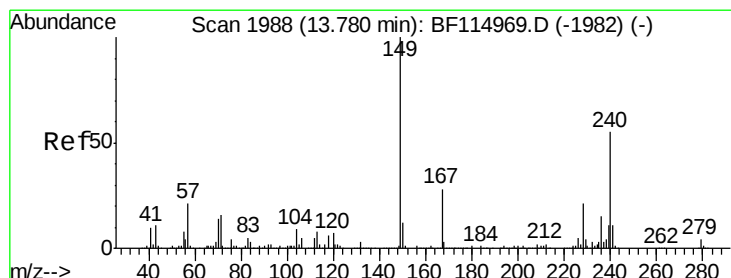
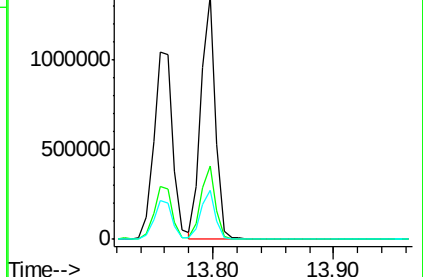
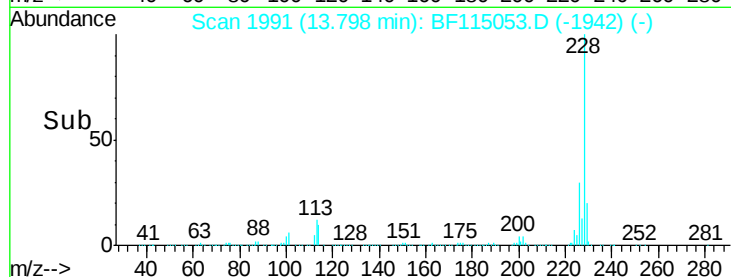
229 20.0 16.4 24.6



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: 34.653 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

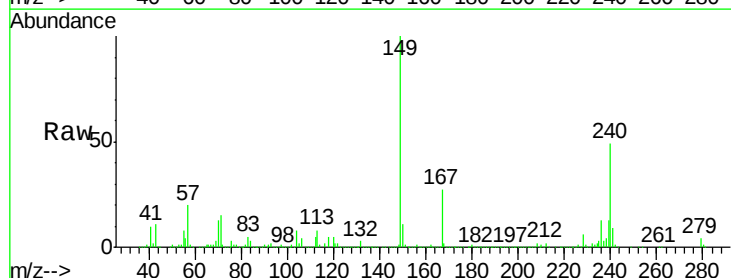
Tgt Ion:149 Resp: 852354

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

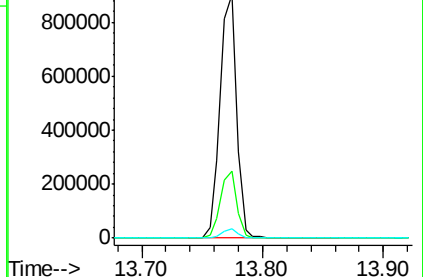
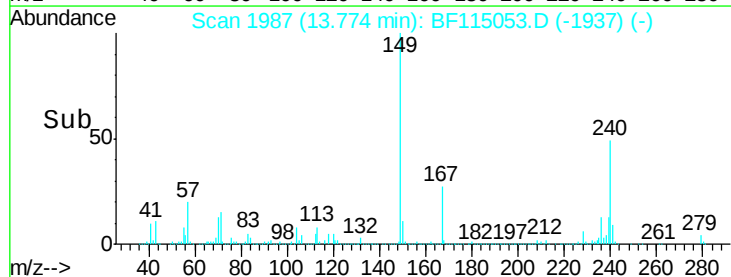
279 4.1 3.4 5.0

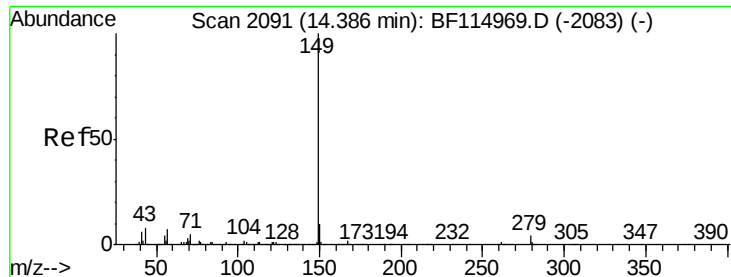


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.940 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

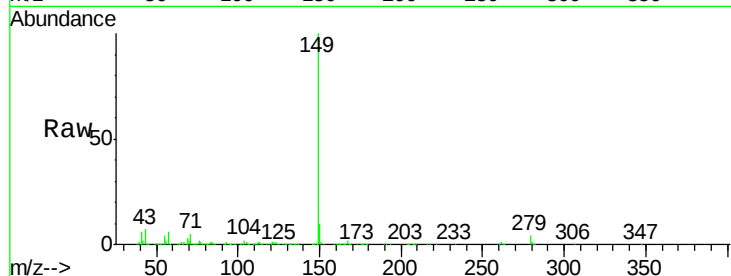
Tot Ion:149 Resp: 1437572

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

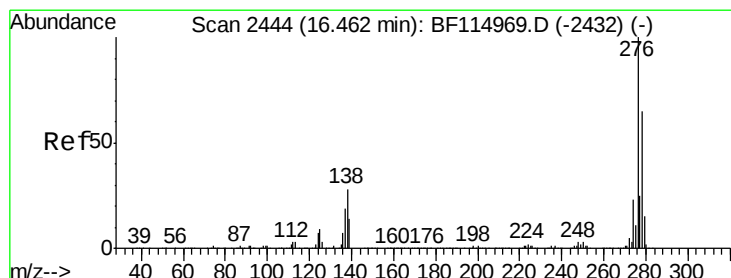
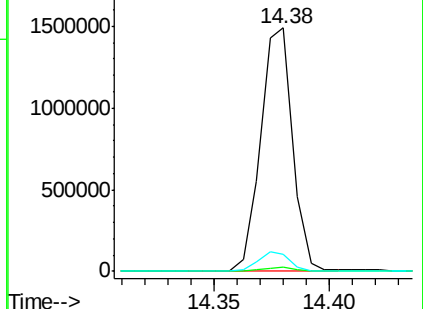
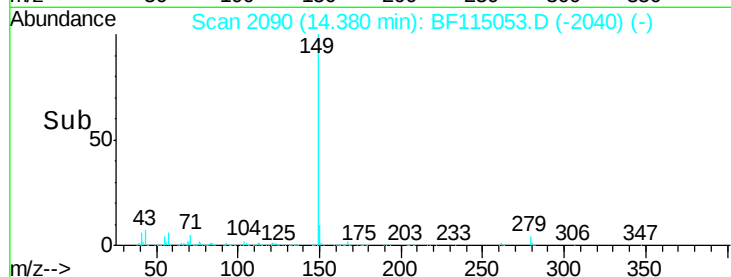
43 7.8 6.5 9.7



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: 30.957 ng

RT: 16.44 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

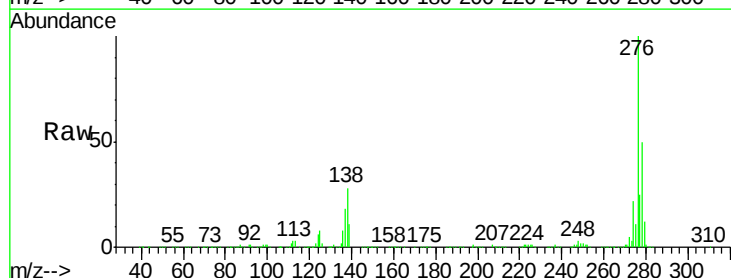
Tgt Ion:276 Resp: 989714

Ion Ratio Lower Upper

276 100

138 29.5 23.0 34.4

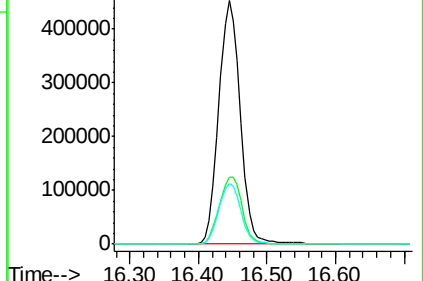
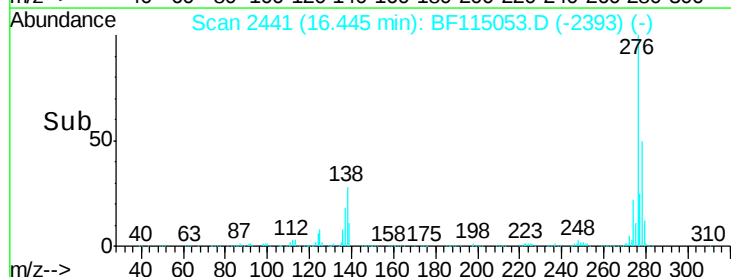
277 25.6 20.6 30.8

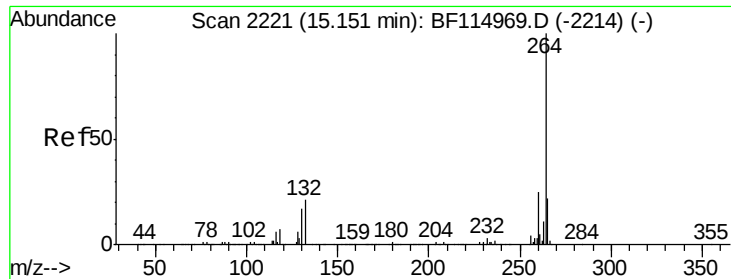


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



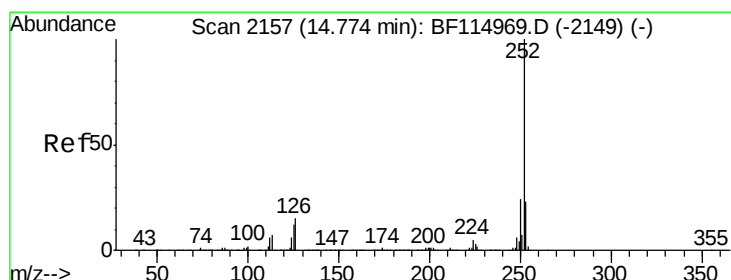
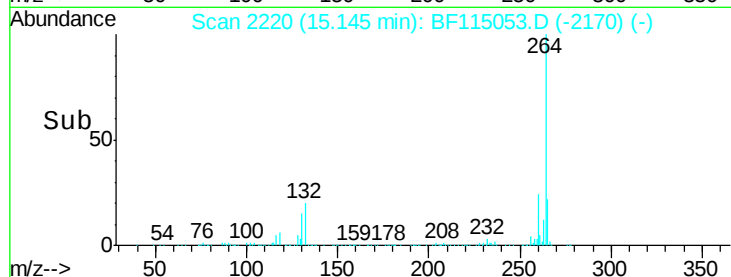
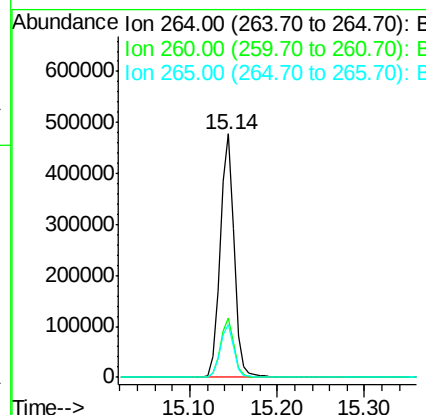
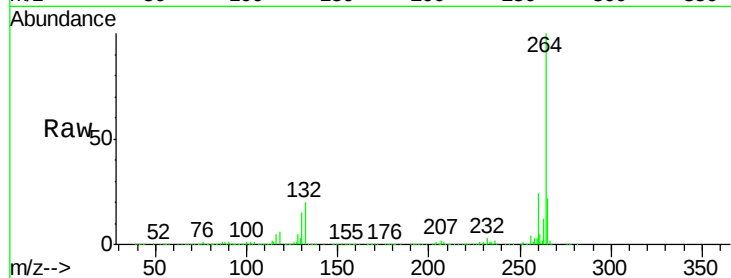


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 530794

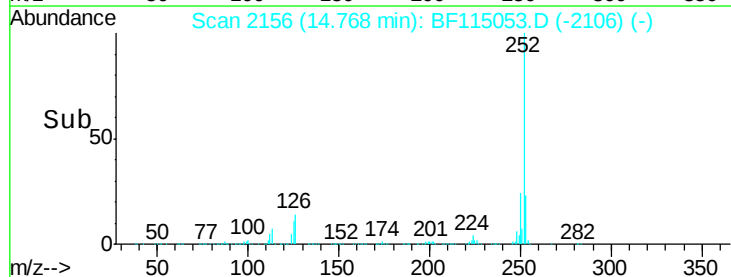
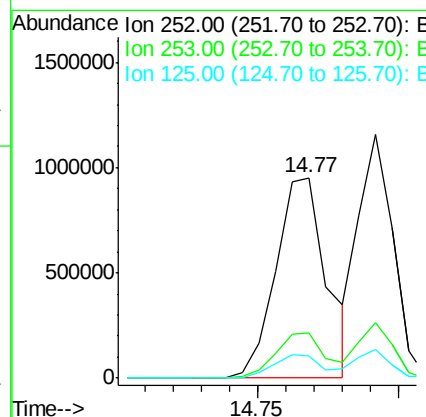
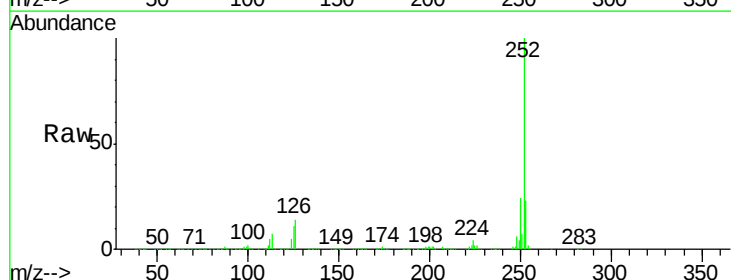
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.5	17.6	26.4

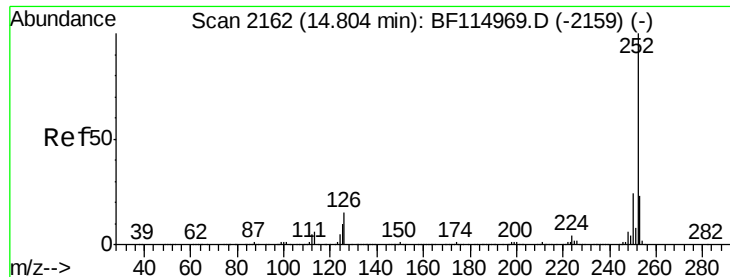


#88
Benzo(b)fluoranthene
Concen: 33.673 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:252 Resp: 1188175

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.7	9.4	14.0

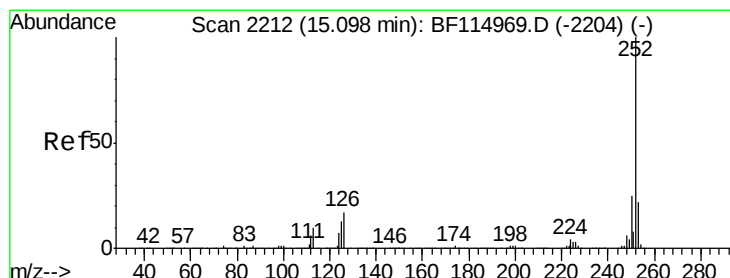
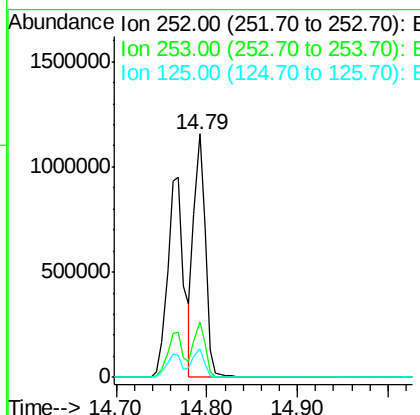
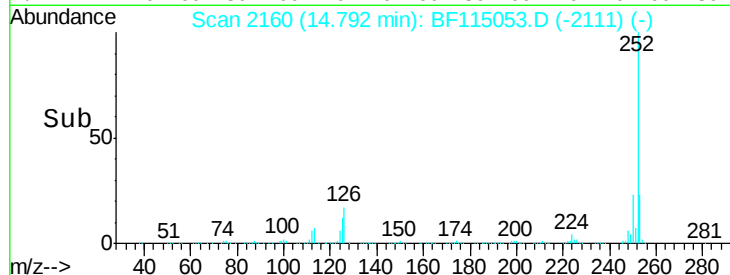
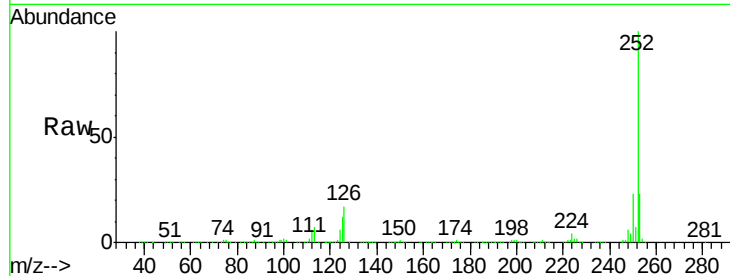




#89
Benzo(k)fluoranthene
Concen: 32.467 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

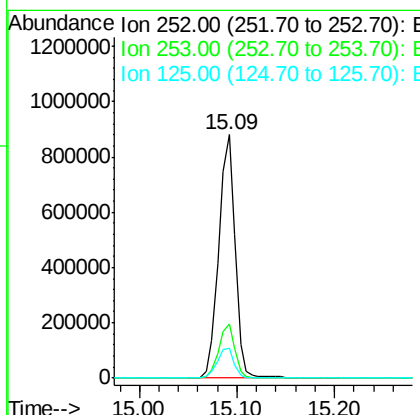
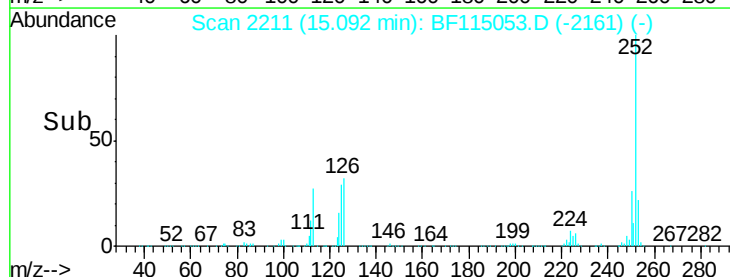
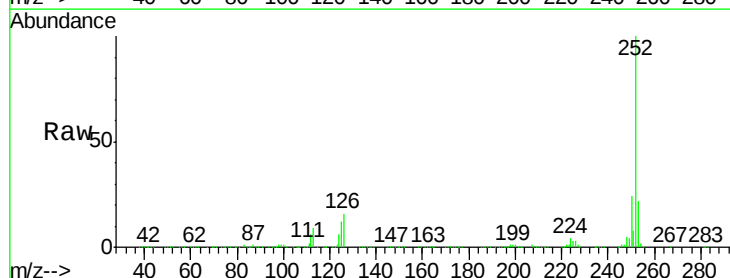
Instrument :
BNA_F
ClientSampleId :

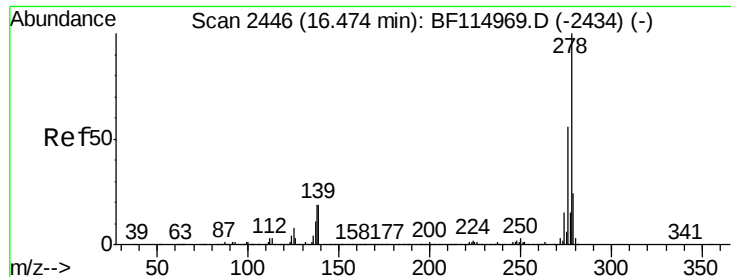
Tot Ion:252 Resp: 1005533
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.5 8.2 12.4



#90
Benzo(a)pyrene
Concen: 33.899 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:252 Resp: 1032130
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 12.5 10.7 16.1

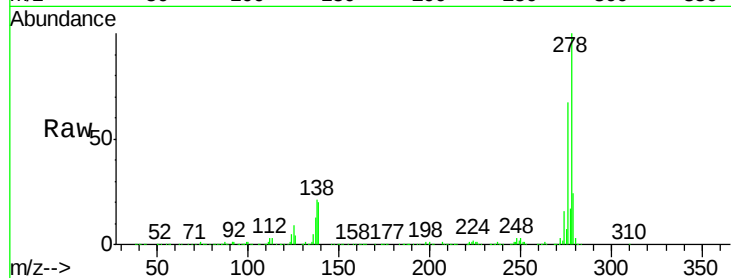




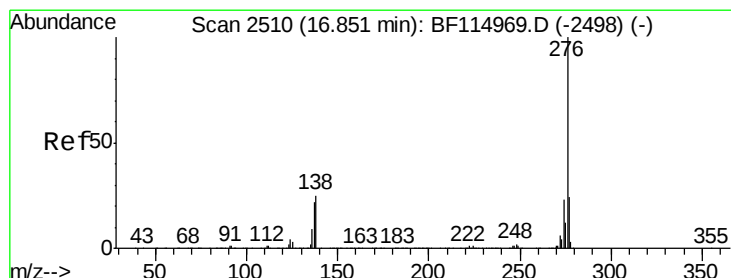
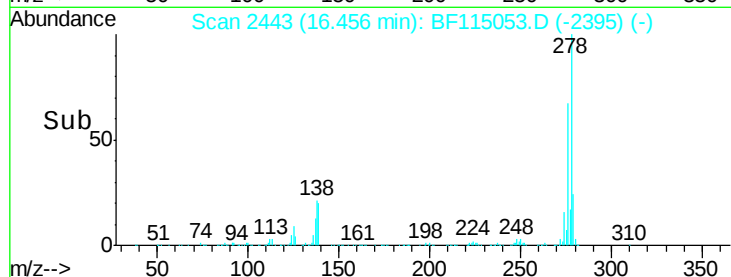
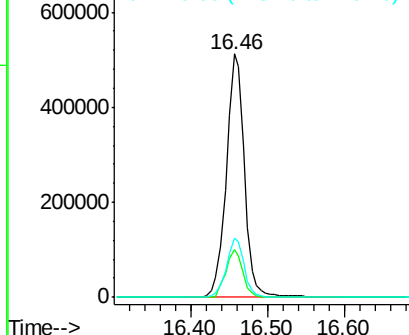
#91
Dibenzo(a,h)anthracene
Concen: 32.151 ng
RT: 16.46 min Scan# 2443
Delta R.T. -0.02 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 843044
Ion Ratio Lower Upper
278 100
139 19.5 15.3 22.9
279 24.3 19.2 28.8

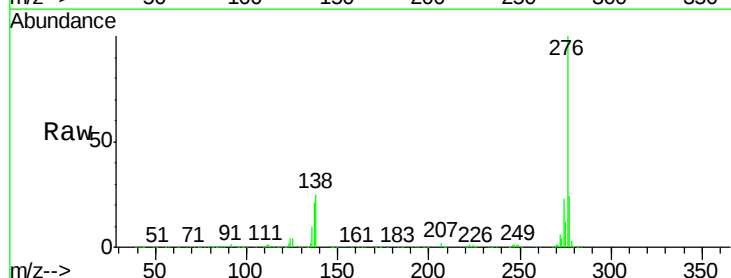


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 30.380 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.02 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:276 Resp: 812415
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 24.6 20.2 30.4



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

