

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105073.D
 Acq On : 3 May 2018 15:28
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:52:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	97113	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	404415	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	189837	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	345329	20.00	ng	0.00
75) Chrysene-d12	14.04	240	248832	20.00	ng	0.01
86) Perylene-d12	15.62	264	206129	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	547095	86.14	ng	0.00
7) Phenol-d6	6.44	99	630730	80.83	ng	0.00
23) Nitrobenzene-d5	7.36	82	581468	93.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	178731	90.76	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1063731	88.52	ng	-0.01
78) Terphenyl-d14	12.92	244	1016290	93.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	108467	36.65	ng	# 85
3) Pyridine	3.23	79	284528	34.20	ng	87
4) n-Nitrosodimethylamine	3.20	42	91872	31.59	ng	80
6) Aniline	6.45	93	401847	37.07	ng	# 55
8) 2-Chlorophenol	6.57	128	292116	43.58	ng	95
9) Benzaldehyde	6.34	77	143701	34.90	ng	93
10) Phenol	6.46	94	346782	41.88	ng	# 48
11) bis(2-Chloroethyl)ether	6.52	93	278184	42.10	ng	93
12) 1,3-Dichlorobenzene	6.72	146	331814	43.69	ng	99
13) 1,4-Dichlorobenzene	6.80	146	337623	44.60	ng	99
14) 1,2-Dichlorobenzene	6.95	146	308451	43.97	ng	99
15) Benzyl Alcohol	6.94	79	223554	37.72	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	307666	34.67	ng	# 1
17) 2-Methylphenol	7.06	107	243902	41.86	ng	# 88
18) Hexachloroethane	7.29	117	121709	45.09	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	199329	39.09	ng	90
20) 3+4-Methylphenols	7.21	107	335345	46.40	ng	# 87
22) Acetophenone	7.20	105	430606	43.25	ng	95
24) Nitrobenzene	7.37	77	302927	44.30	ng	96
25) Isophorone	7.61	82	529660	40.44	ng	99
26) 2-Nitrophenol	7.69	139	169402	60.85	ng	90
27) 2,4-Dimethylphenol	7.73	122	229301	39.67	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	333645	41.67	ng	99
29) 2,4-Dichlorophenol	7.94	162	249222	45.19	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	276520	45.69	ng	98
31) Naphthalene	8.09	128	878192	43.61	ng	99
32) Benzoic acid	7.90	122	229039	49.66	ng	94
33) 4-Chloroaniline	8.15	127	376611	43.65	ng	96
34) Hexachlorobutadiene	8.20	225	157393	47.48	ng	97
35) Caprolactam	8.54	113	78060	40.57	ng	# 73
36) 4-Chloro-3-methylphenol	8.65	107	257552	43.55	ng	98
37) 2-Methylnaphthalene	8.78	142	564217	43.31	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	258833	47.63	ng	99
40) Hexachlorocyclopentadiene	8.93	237	128299	42.17	ng	98

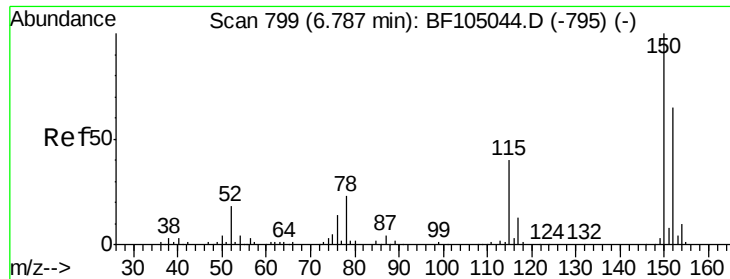
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105073.D
 Acq On : 3 May 2018 15:28
 Operator : JU/SJ
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	168616	44.70	nq	100
43) 2,4,5-Trichlorophenol	9.12	196	190460	45.12	nq	93
45) 1,1'-Biphenyl	9.25	154	699485	43.86	nq	99
46) 2-Chloronaphthalene	9.27	162	563172	44.71	nq	99
47) 2-Nitroaniline	9.39	65	158729	50.95	nq	91
48) Acenaphthylene	9.69	152	819561	41.47	nq	99
49) Dimethylphthalate	9.55	163	650993	43.49	nq	100
50) 2,6-Dinitrotoluene	9.62	165	142733	51.53	nq	99
51) Acenaphthene	9.86	154	493230	40.90	nq	99
52) 3-Nitroaniline	9.80	138	163610	50.45	nq	93
53) 2,4-Dinitrophenol	9.91	184	62628	61.64	nq	# 22
54) Dibenzofuran	10.03	168	676187	40.24	nq	98
55) 4-Nitrophenol	9.99	139	96856	38.02	nq	96
56) 2,4-Dinitrotoluene	10.03	165	172822	47.56	nq	94
57) Fluorene	10.37	166	572584	46.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	135075	42.89	nq	95
59) Diethylphthalate	10.25	149	631690	42.37	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	267325	49.07	nq	98
61) 4-Nitroaniline	10.42	138	157009	49.52	nq	97
62) Azobenzene	10.53	77	551789	38.74	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	104511	59.98	nq	# 78
65) n-Nitrosodiphenylamine	10.49	169	503888	42.08	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	163497	44.51	nq	91
67) Hexachlorobenzene	10.92	284	186855	45.21	nq	95
68) Atrazine	11.02	200	139424	38.58	nq	99
69) Pentachlorophenol	11.13	266	99515	38.92	nq	95
70) Phenanthrene	11.35	178	804641	41.84	nq	98
71) Anthracene	11.40	178	826808	42.29	nq	99
72) Carbazole	11.56	167	793718	41.55	nq	99
73) Di-n-butylphthalate	11.87	149	980516	42.02	nq	99
74) Fluoranthene	12.54	202	832360	41.43	nq	97
76) Benzidine	12.67	184	292327	32.88	nq	98
77) Pyrene	12.77	202	837038	45.38	nq	99
79) Butylbenzylphthalate	13.40	149	401837	46.24	nq	100
80) Benzo(a)anthracene	14.03	228	686153	46.16	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	236170	42.61	nq	98
82) Chrysene	14.07	228	667511	43.72	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	543353	48.61	nq	99
84) Di-n-octyl phthalate	14.70	149	779322	41.73	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.12	276	542037	41.79	nq	95
87) Benzo(b)fluoranthene	15.19	252	568933	43.70	nq	100
88) Benzo(k)fluoranthene	15.22	252	551445	44.87	nq	98
89) Benzo(a)pyrene	15.56	252	510041	43.79	nq	98
90) Dibenzo(a,h)anthracene	17.13	278	450843	47.12	nq	# 94
91) Benzo(g,h,i)perylene	17.57	276	440630	47.54	nq	95

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

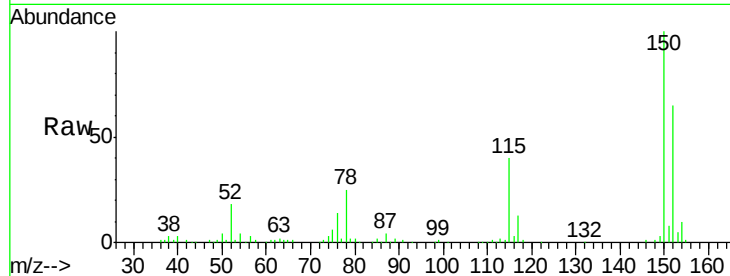


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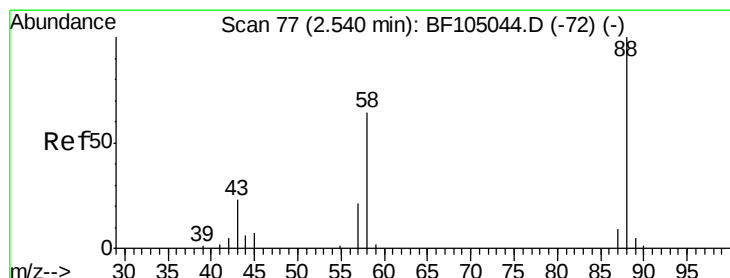
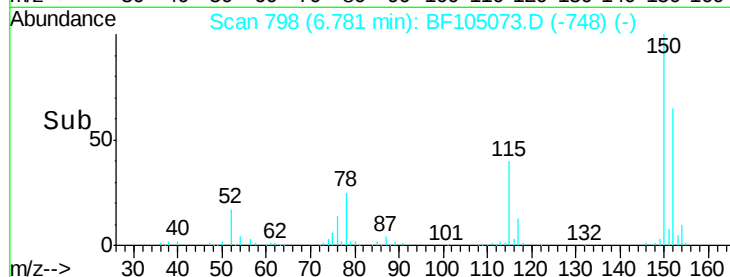
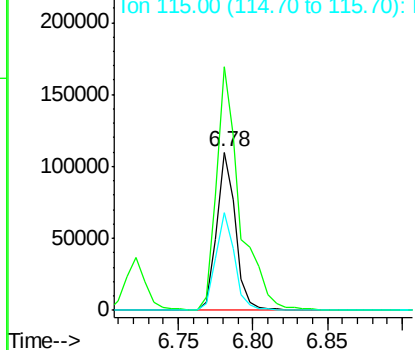
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97113
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 61.7 50.1 75.1



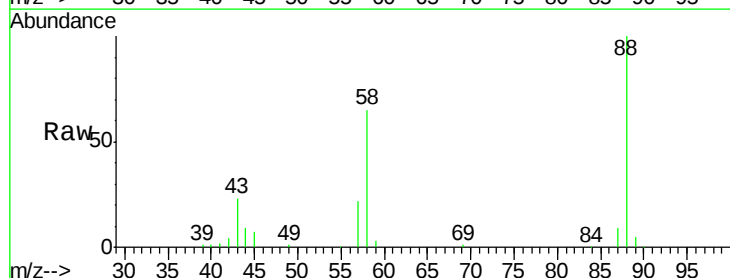
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



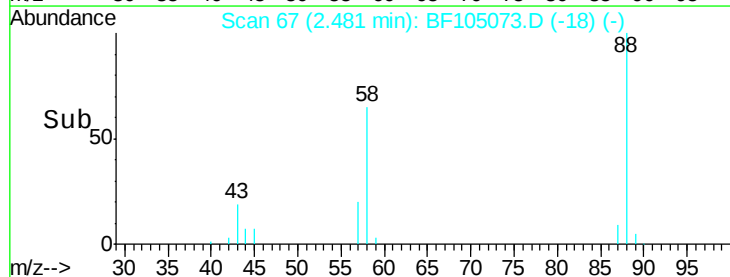
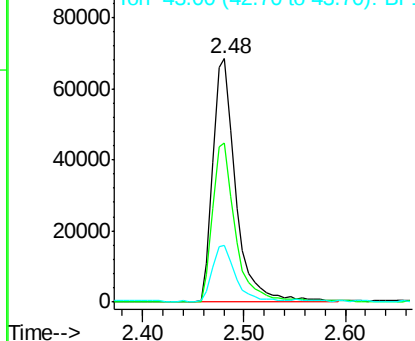
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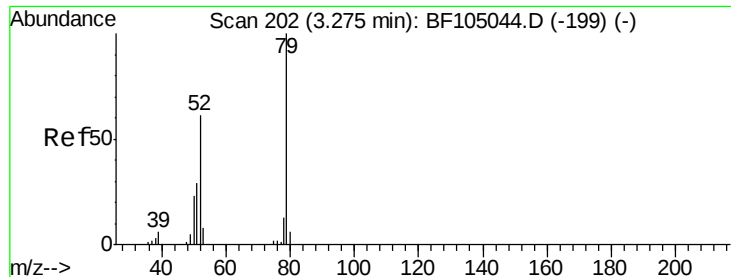
1,4-Dioxane
Concen: 36.65 ng
RT: 2.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion: 88 Resp: 108467
Ion Ratio Lower Upper
88 100
58 64.7 62.6 93.8
43 23.7 24.6 37.0#



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

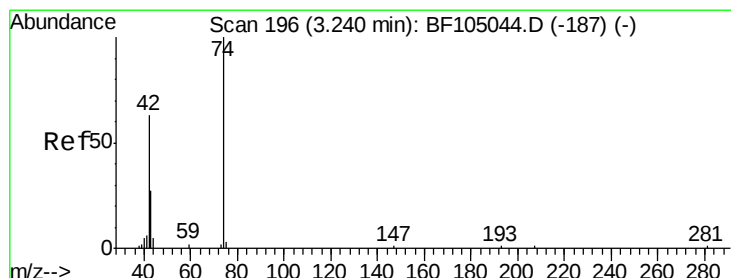
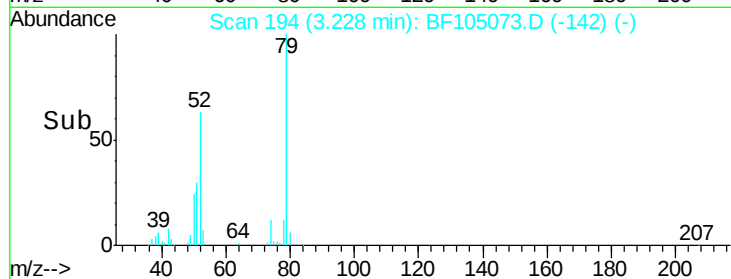
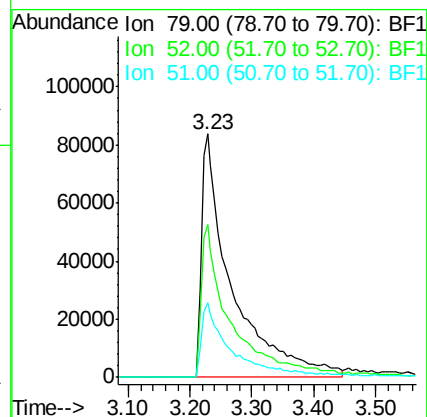
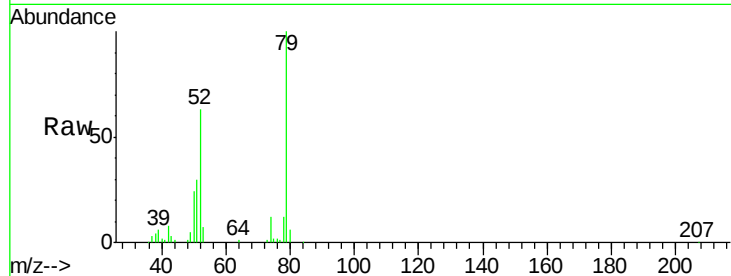




#3
 Pvridine
 Concen: 34.20 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

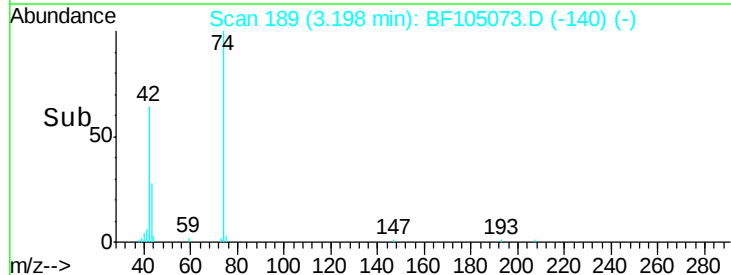
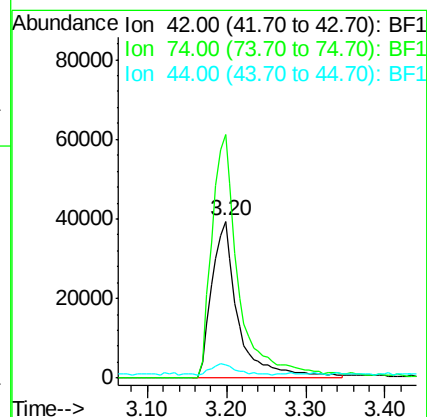
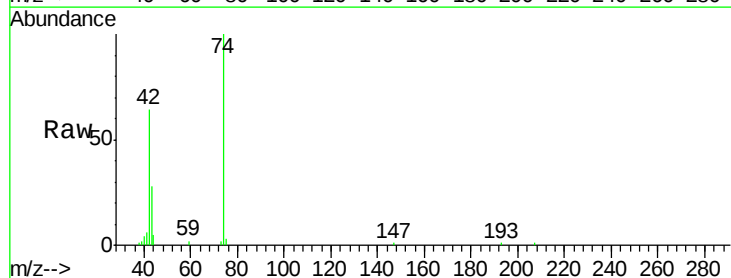
Instrument :
 BNA_F
 ClientSampleId :

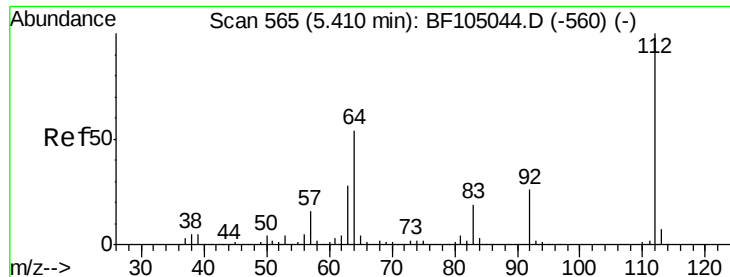
Tot Ion	Ratio	Lower	Upper
79	100		
52	63.0	59.8	89.6
51	30.5	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 31.59 ng
 RT: 3.20 min Scan# 189
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.4	104.9	157.3
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 86.14 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :
BNA_F
ClientSampled :

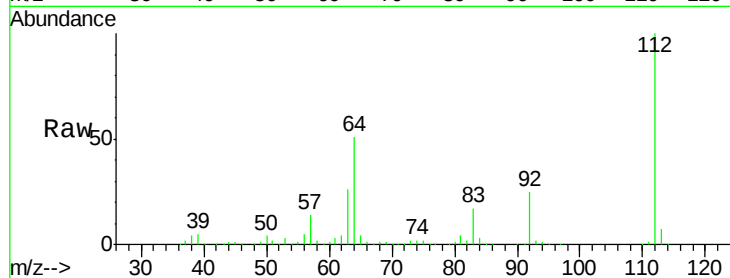
Tot Ion: 112 Resp: 547095

Ion Ratio Lower Upper

112 100

64 51.2 47.9 71.9

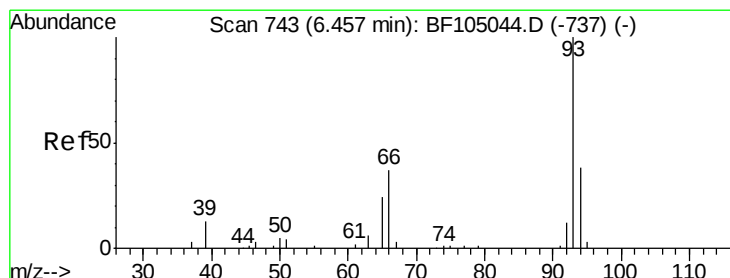
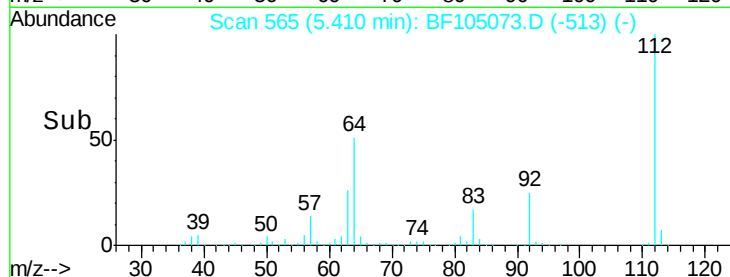
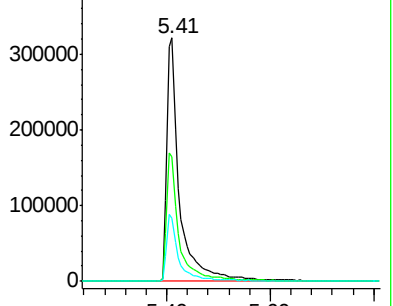
63 25.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.07 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

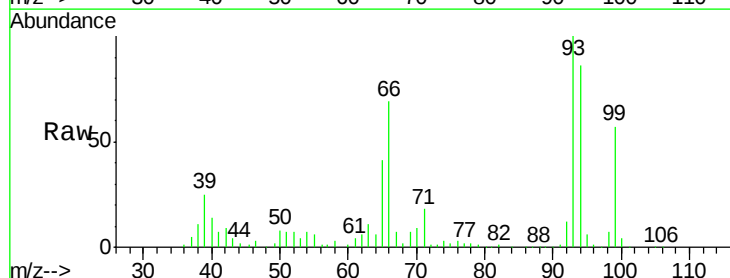
Tgt Ion: 93 Resp: 401847

Ion Ratio Lower Upper

93 100

66 68.6 32.2 48.2#

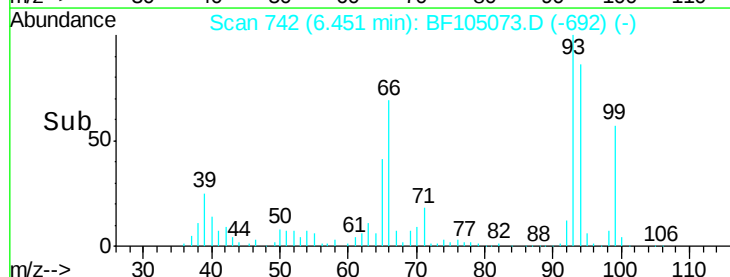
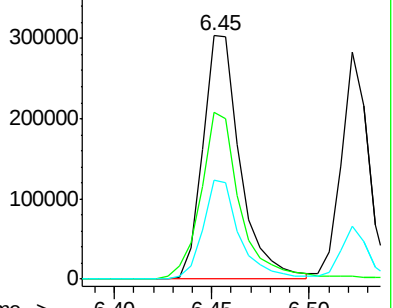
65 40.7 16.4 24.6#

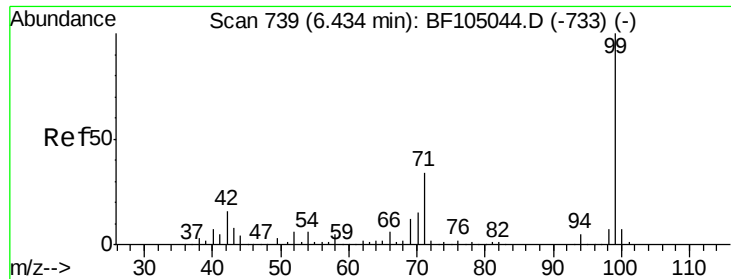


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.83 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

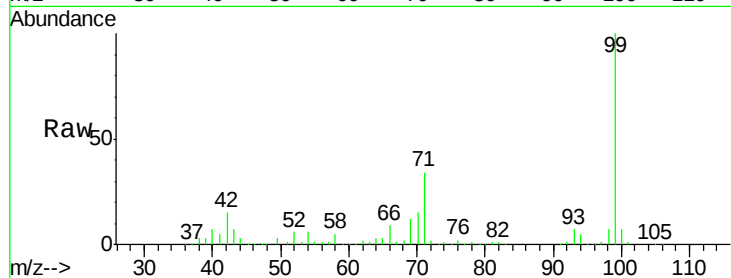
Tot Ion: 99 Resp: 630730

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

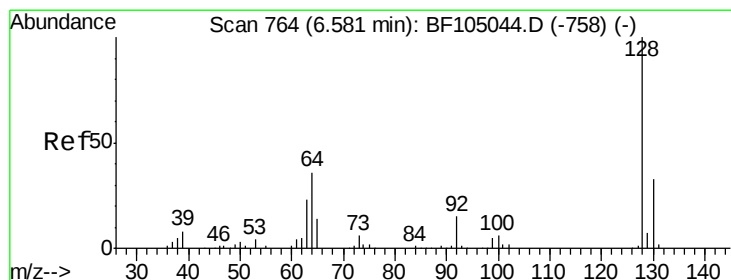
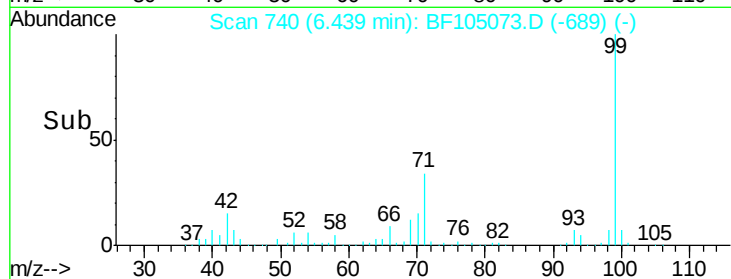
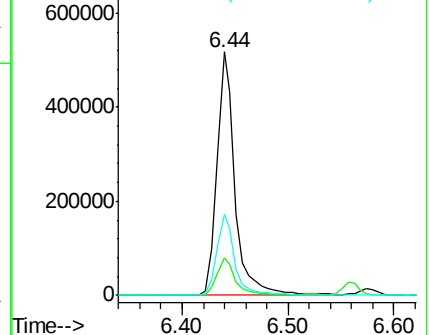
71 33.5 25.4 38.0



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: 43.58 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

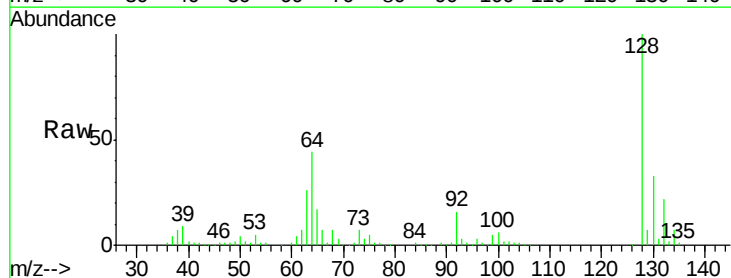
Tgt Ion: 128 Resp: 292116

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

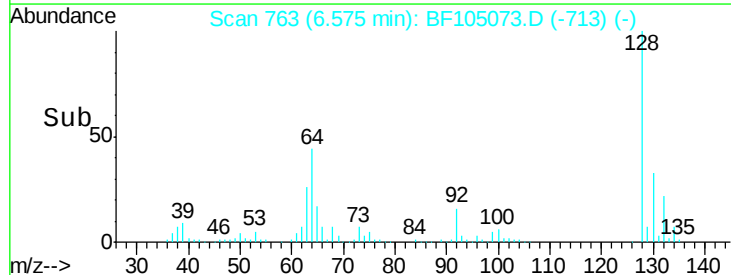
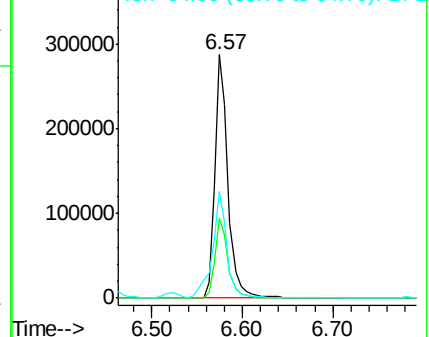
64 43.6 29.4 69.4

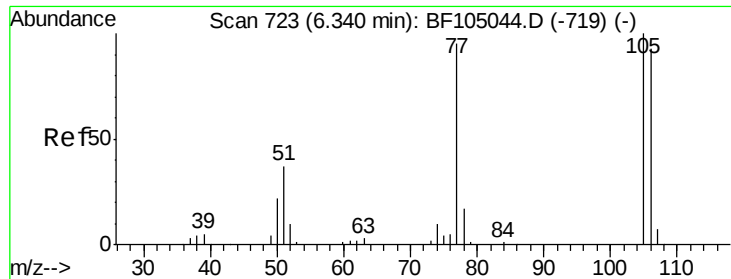


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.90 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

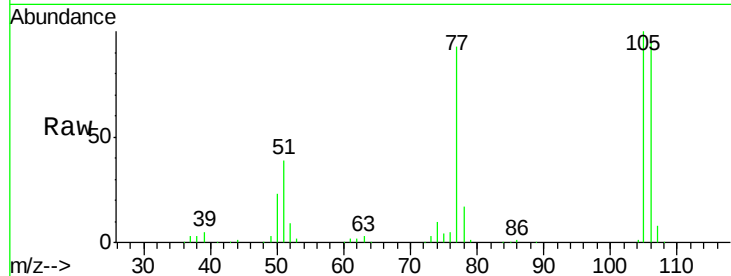
Tot Ion: 77 Resp: 143701

Ion Ratio Lower Upper

77 100

105 107.3 81.1 121.1

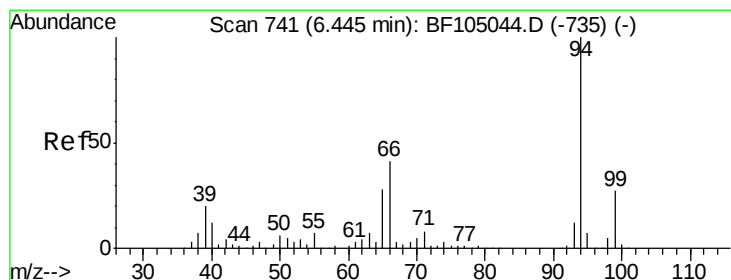
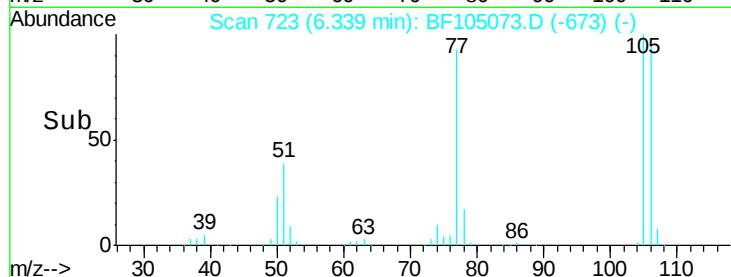
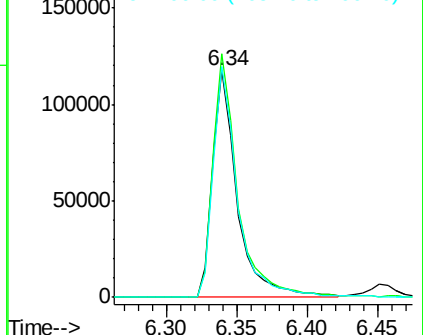
106 101.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.88 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

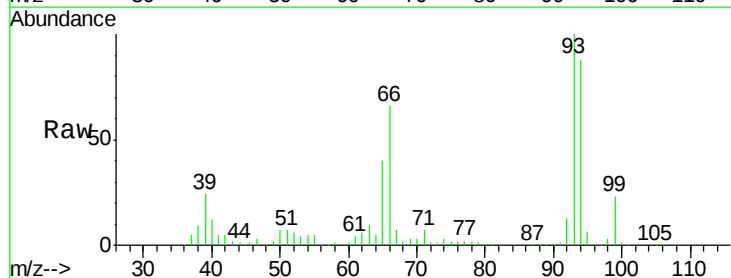
Tgt Ion: 94 Resp: 346782

Ion Ratio Lower Upper

94 100

65 45.6 7.9 47.9

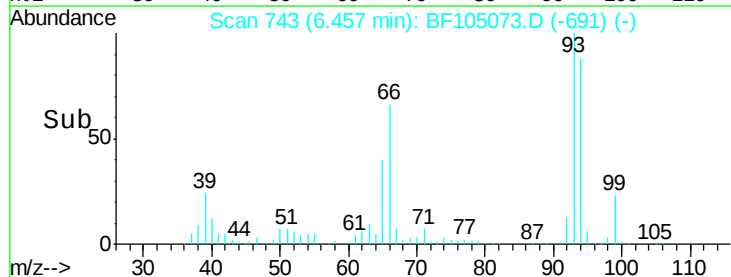
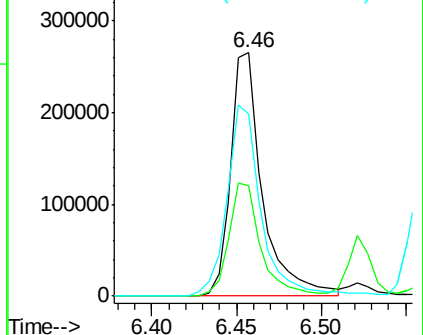
66 75.0 16.2 56.2#

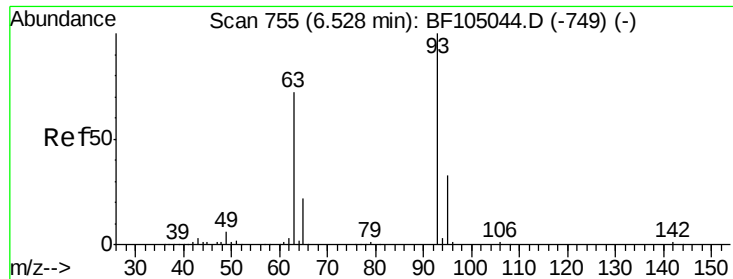


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.10 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

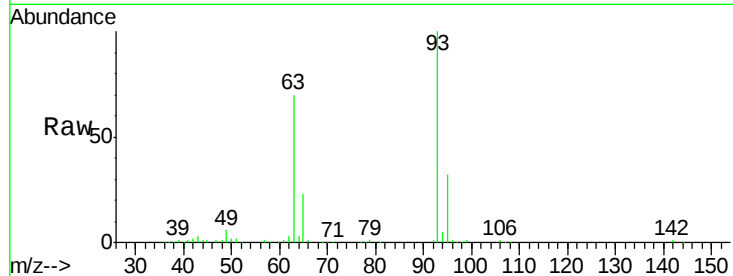
Tot Ion: 93 Resp: 278184

Ion Ratio Lower Upper

93 100

63 69.8 58.6 98.6

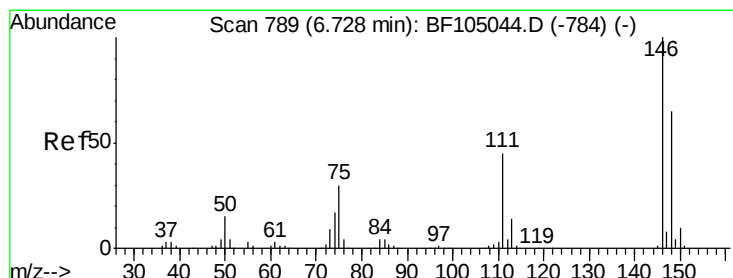
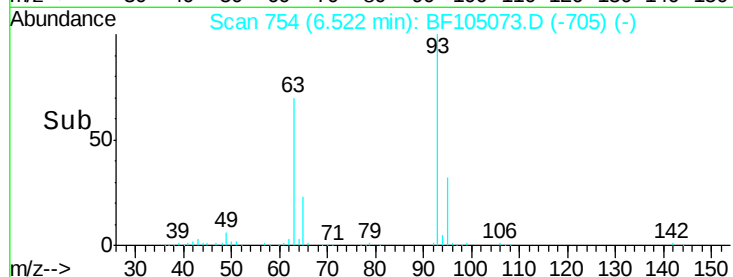
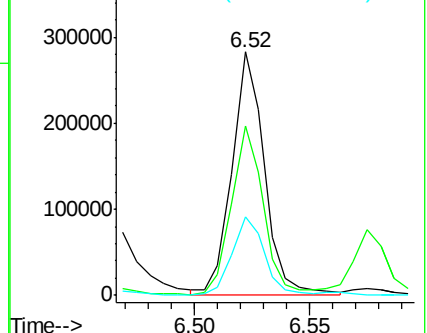
95 32.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.69 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

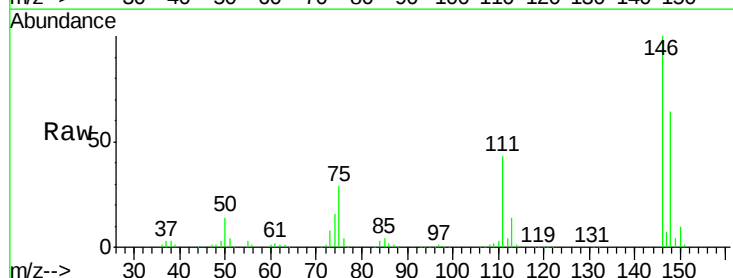
Tgt Ion: 146 Resp: 331814

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

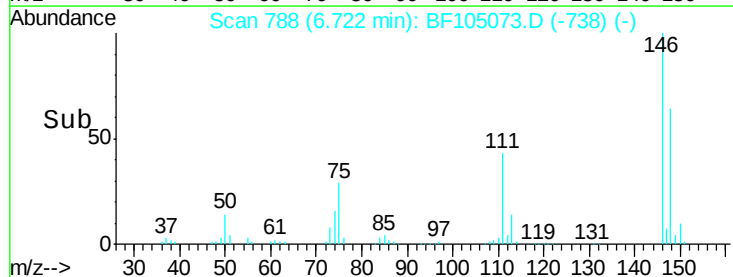
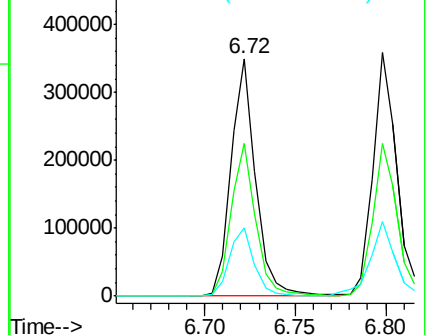
75 28.9 24.2 36.4

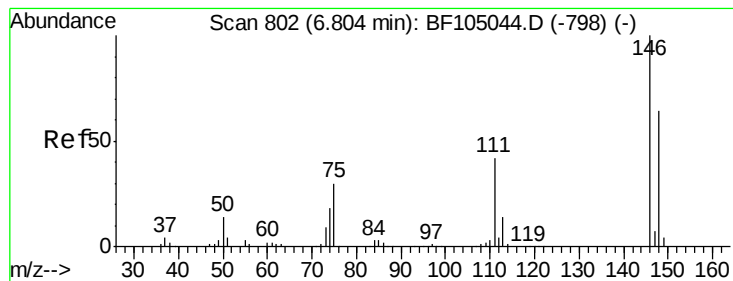


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.60 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampled :

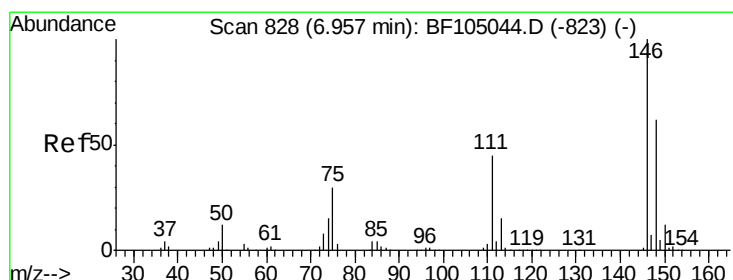
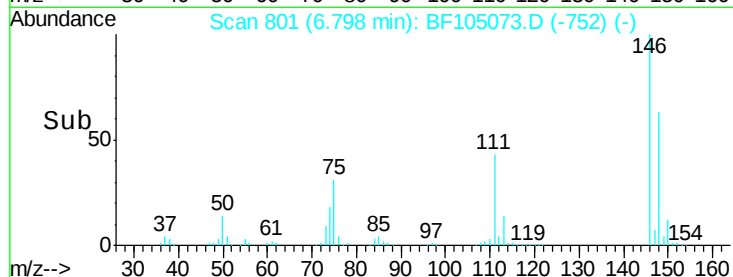
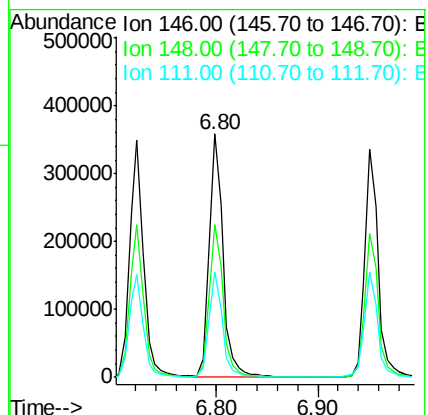
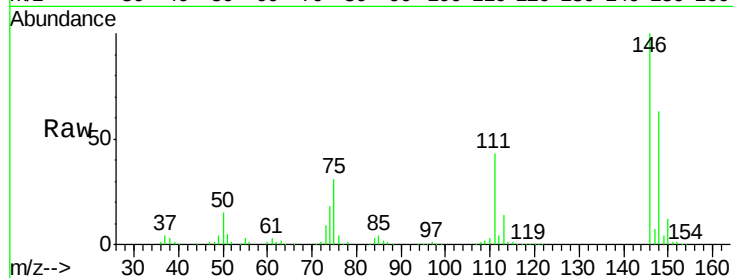
Tot Ion:146 Resp: 337623

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

111 43.4 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 43.97 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

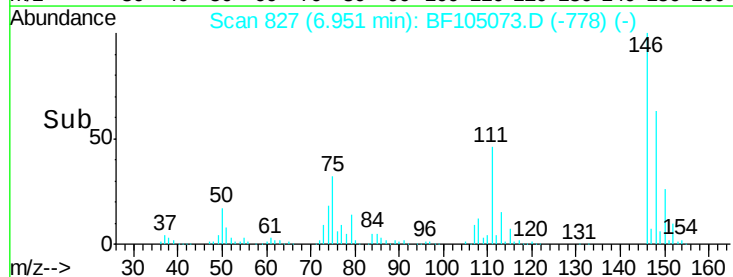
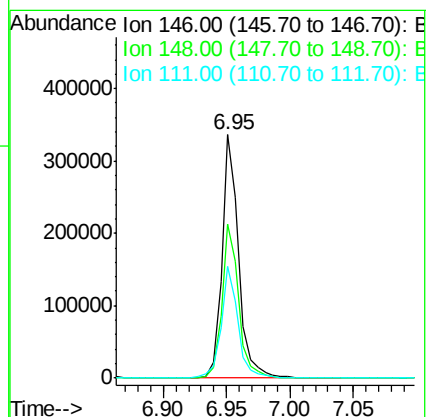
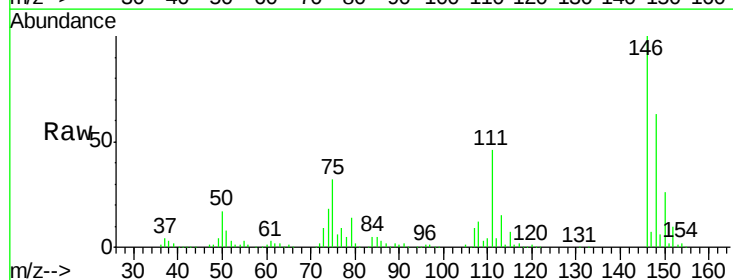
Tgt Ion:146 Resp: 308451

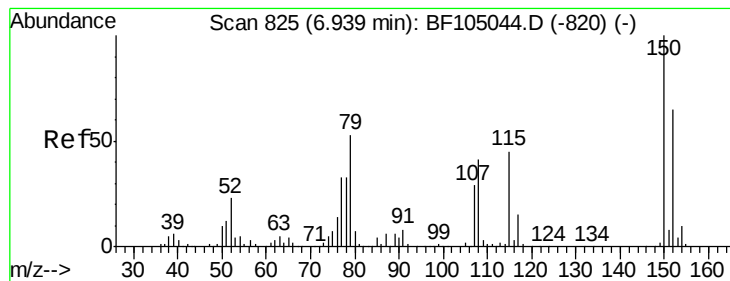
Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

111 46.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.72 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

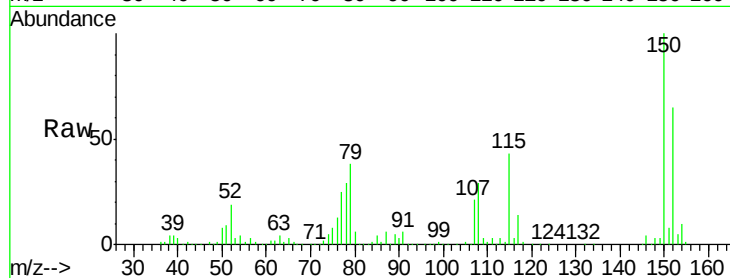
Tot Ion: 79 Resp: 223554

Ion Ratio Lower Upper

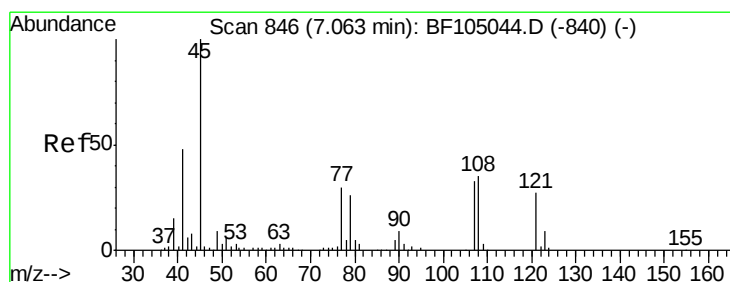
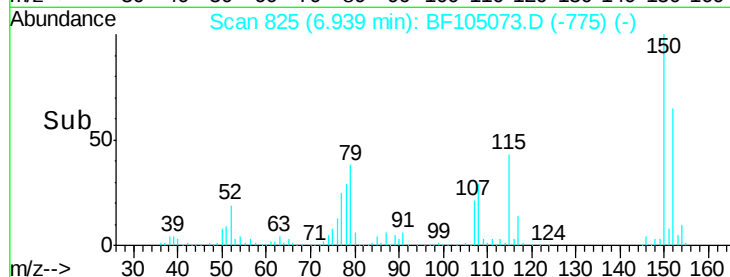
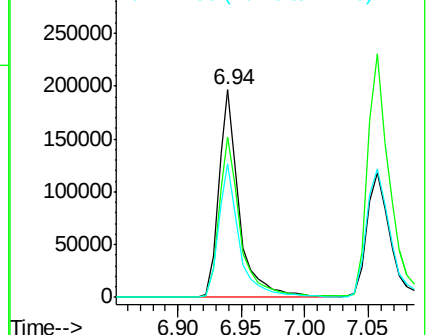
79 100

108 77.4 65.1 97.7

77 64.6 50.6 75.8



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: 34.67 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

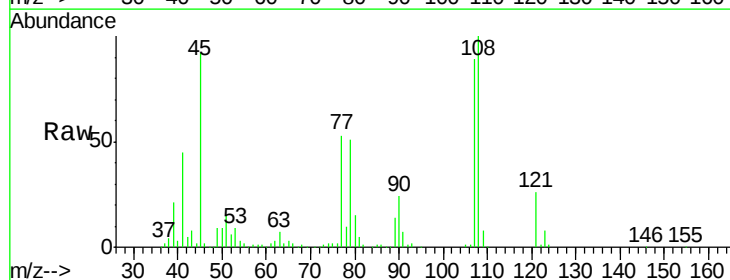
Tgt Ion: 45 Resp: 307666

Ion Ratio Lower Upper

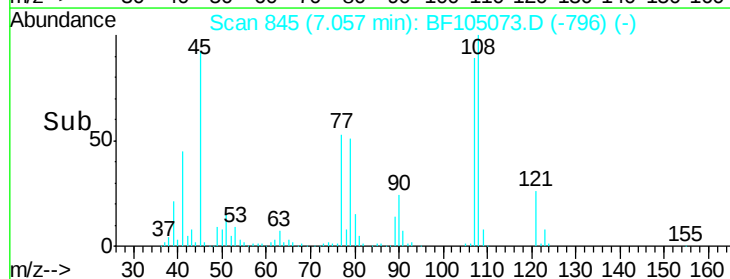
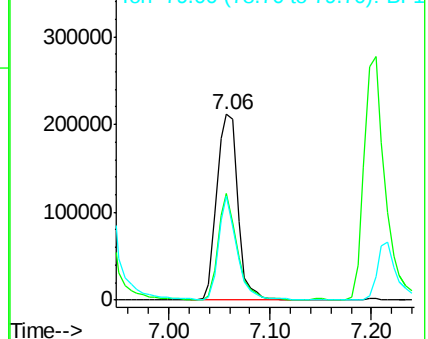
45 100

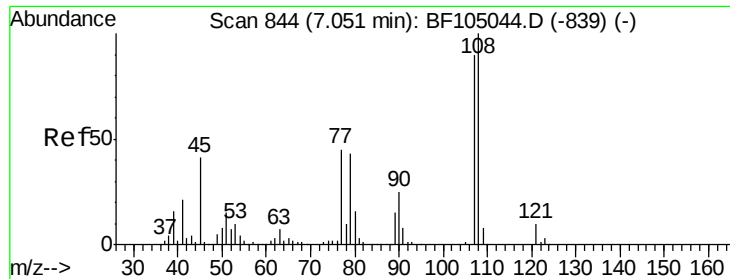
77 57.8 0.0 32.9#

79 55.8 0.0 29.6#



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: 41.86 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 243902

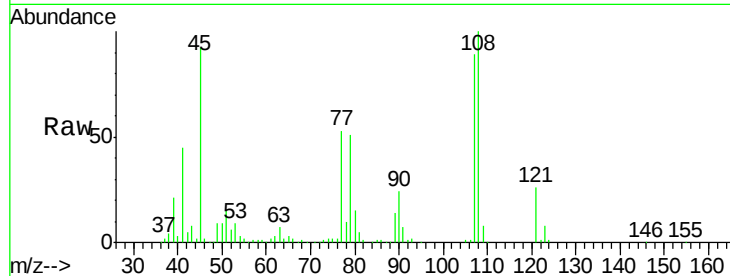
Ion Ratio Lower Upper

107 100

108 112.6 91.7 137.5

77 59.6 33.8 50.8#

79 57.6 33.8 50.8#

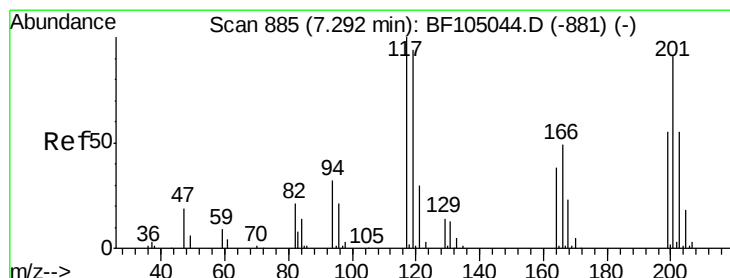
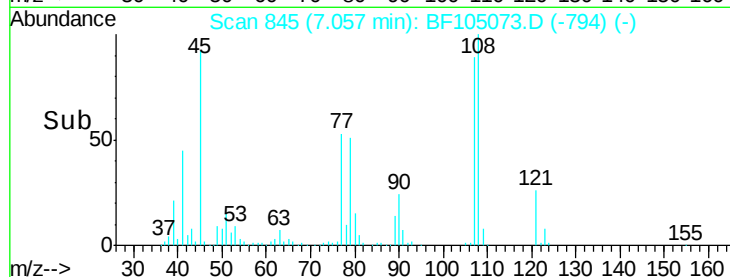
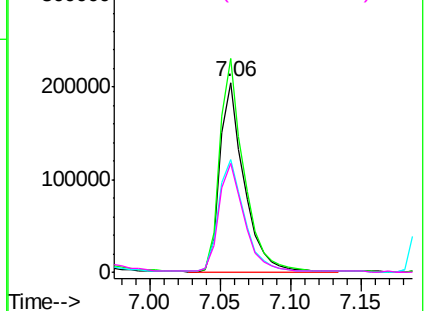


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 45.09 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

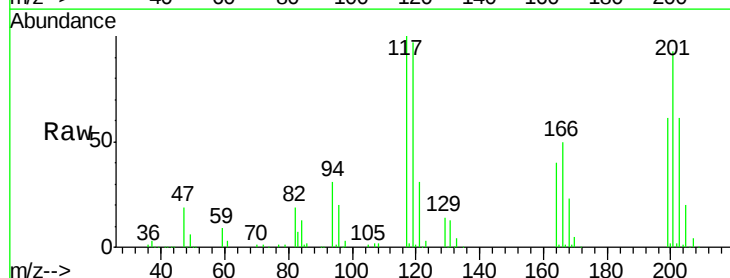
Tgt Ion:117 Resp: 121709

Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.8

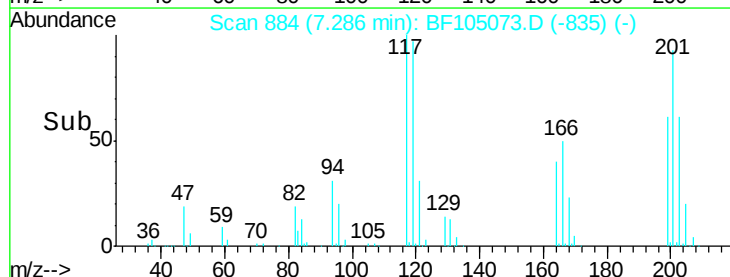
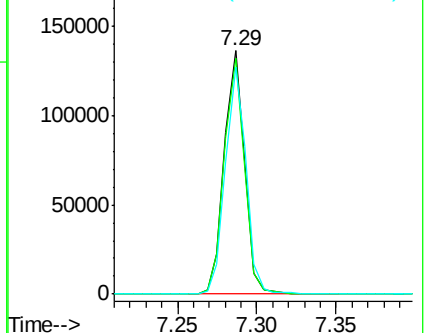
201 93.2 75.7 113.5

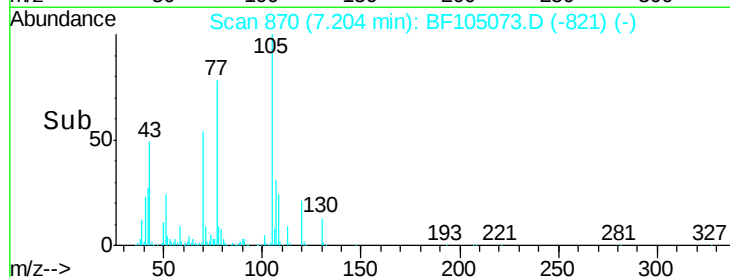
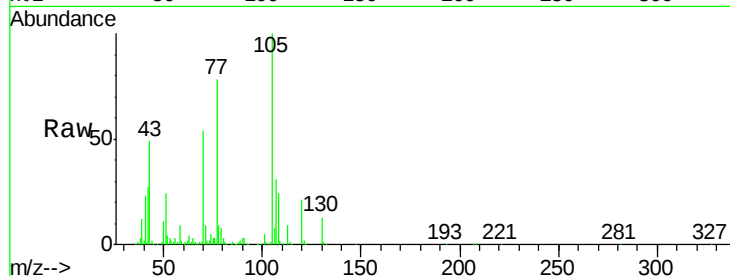
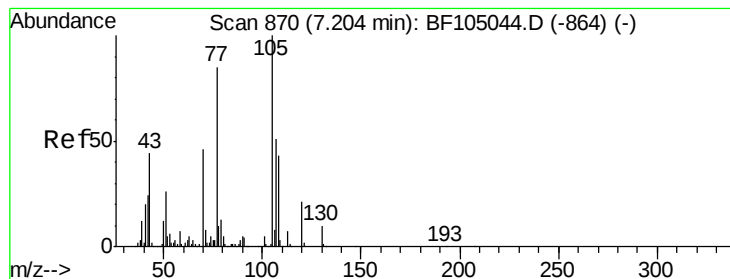


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.09 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 199329

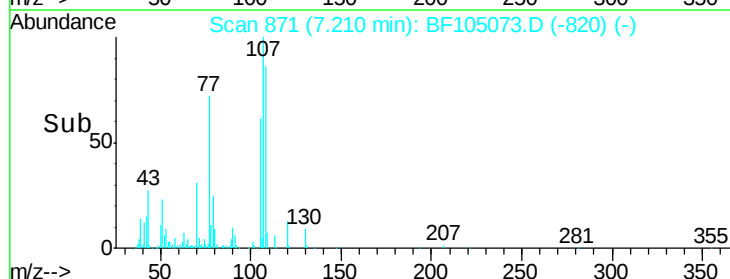
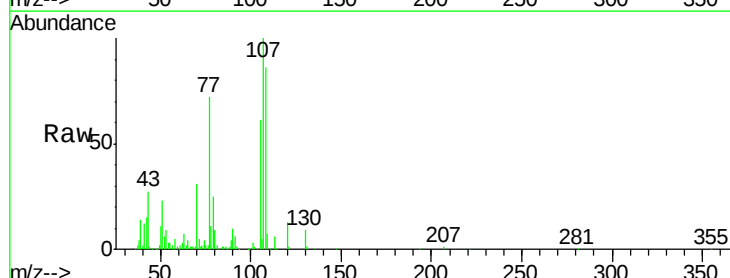
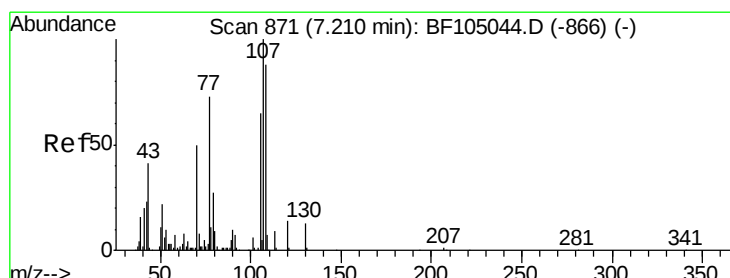
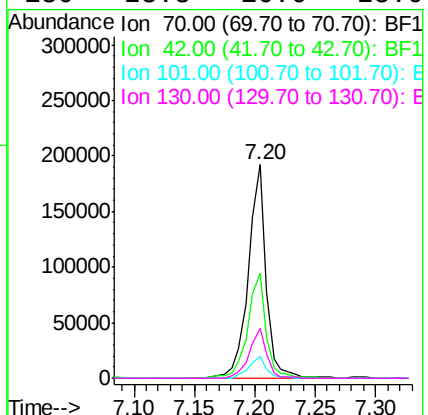
Ion Ratio Lower Upper

70 100

42 49.5 47.5 71.3

101 10.0 7.4 11.2

130 23.3 16.6 25.0



#20

3+4-Methylphenols

Concen: 46.40 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Tgt Ion:107 Resp: 335345

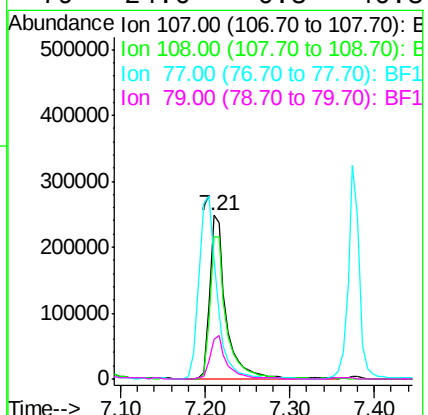
Ion Ratio Lower Upper

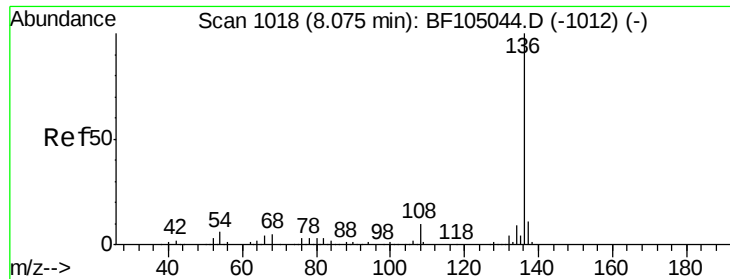
107 100

108 86.5 68.2 108.2

77 72.3 26.7 66.7#

79 24.6 6.3 46.3

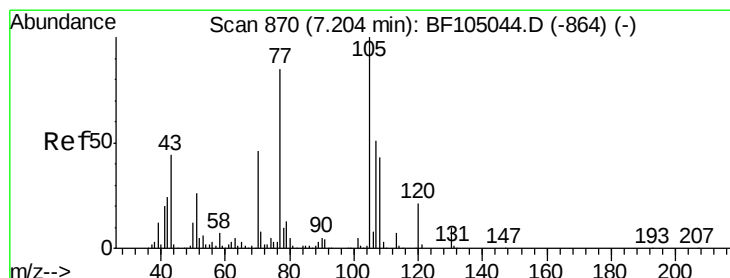
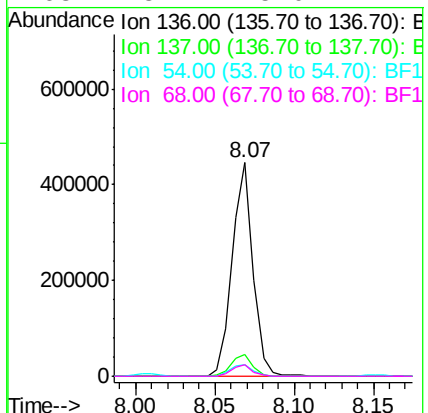
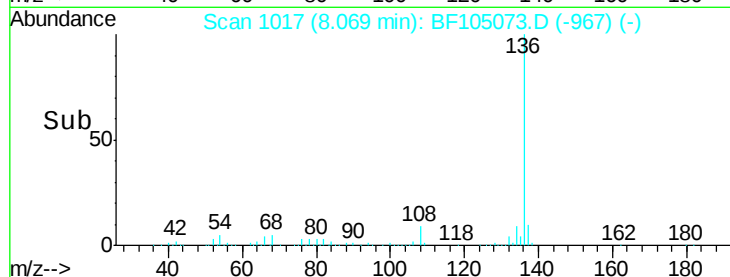
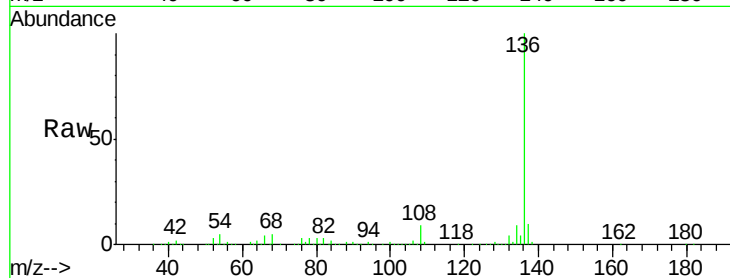




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

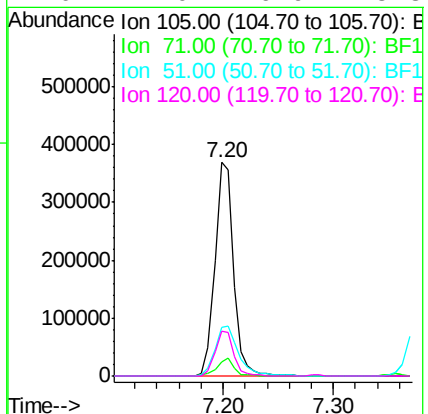
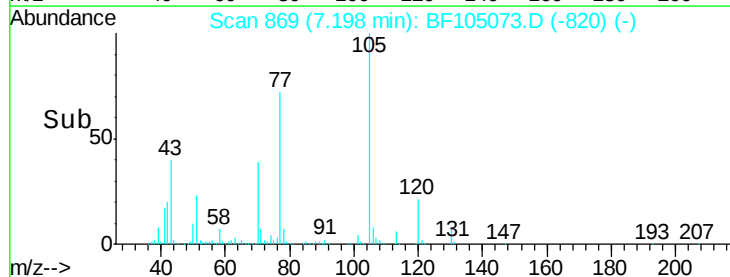
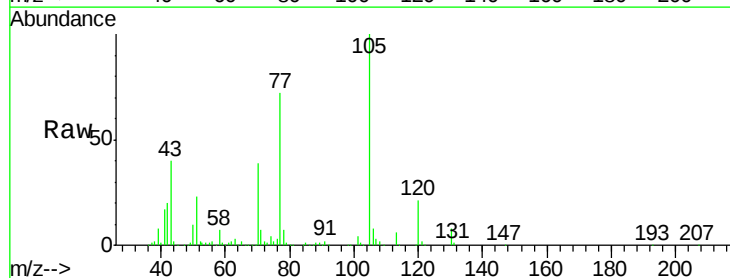
Instrument :
BNA_F
ClientSampleId :

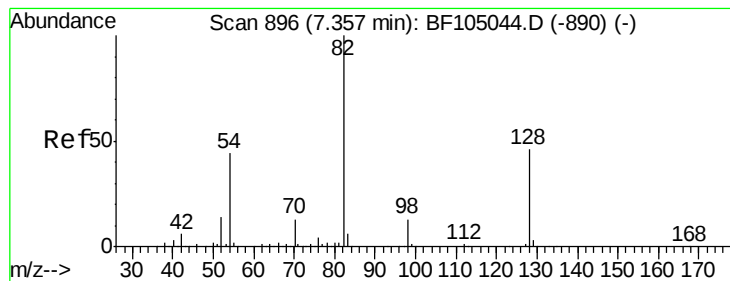
Tot Ion:136	Resp:	404415
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	5.4	6.6 9.8#
68	5.2	5.0 7.4



#22
Acetophenone
Concen: 43.25 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:105	Resp:	430606
Ion Ratio	Lower	Upper
105	100	
71	6.6	4.4 6.6
51	22.8	22.3 33.5
120	21.0	16.9 25.3





#23

Nitrobenzene-d5

Concen: 93.89 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

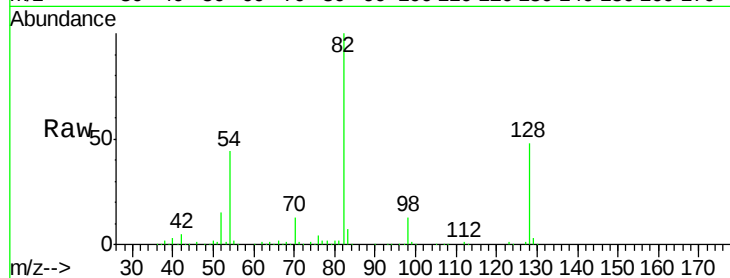
Tot Ion: 82 Resp: 581468

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

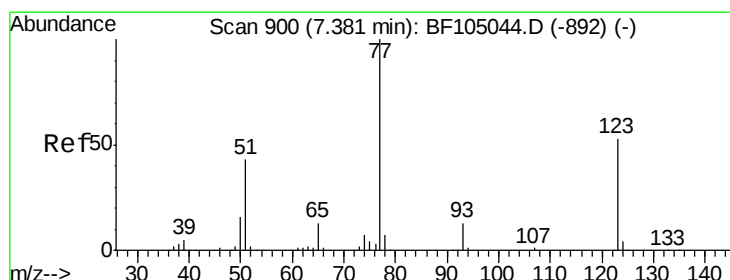
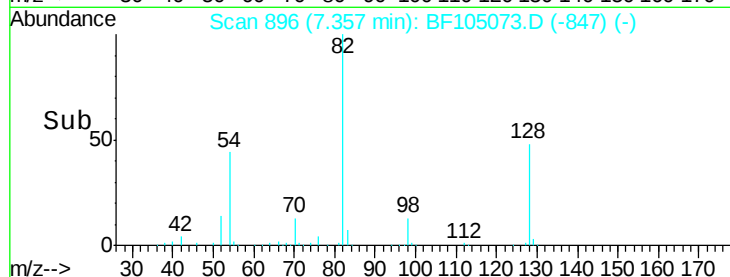
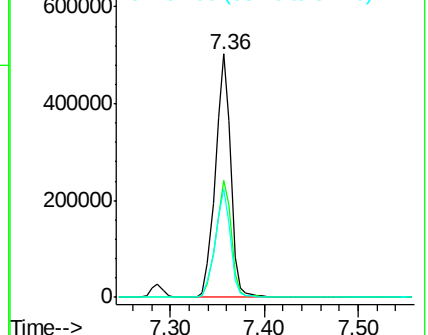
54 44.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 44.30 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

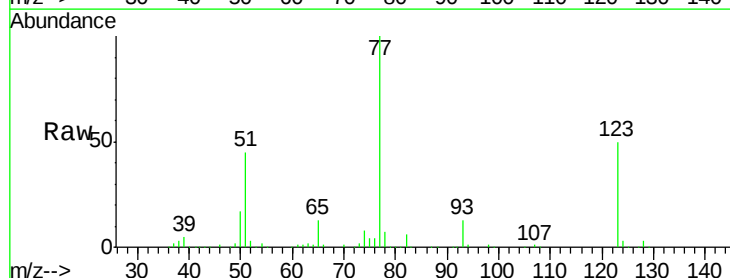
Tgt Ion: 77 Resp: 302927

Ion Ratio Lower Upper

77 100

123 50.4 37.9 56.9

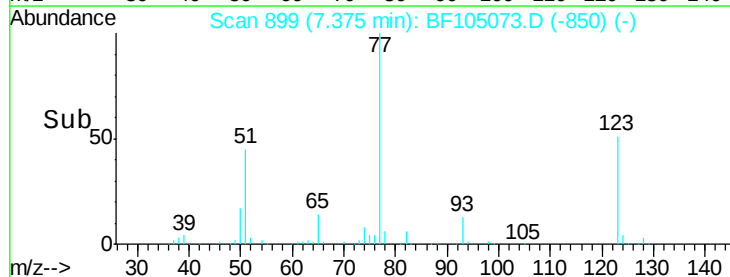
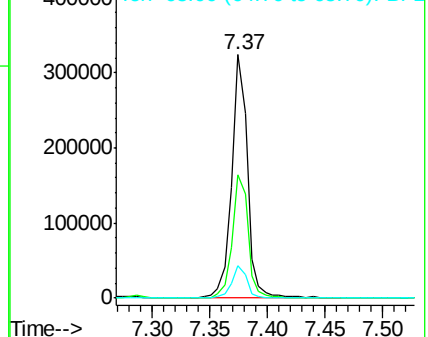
65 13.3 11.0 16.4

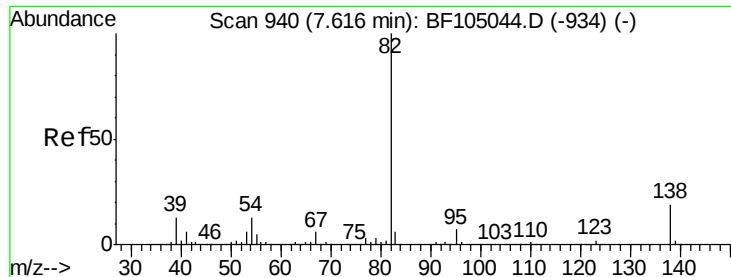


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.44 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

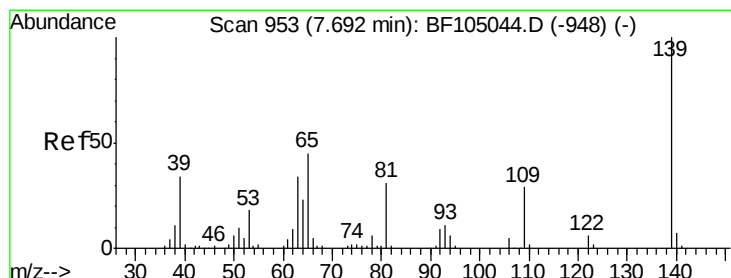
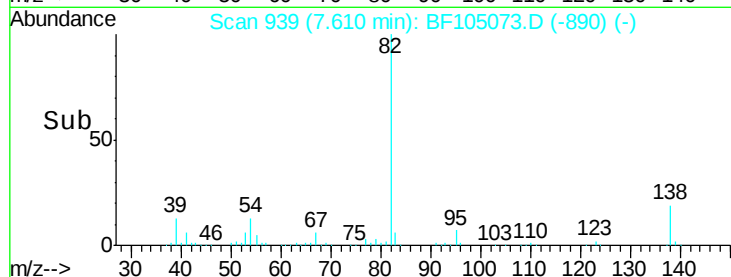
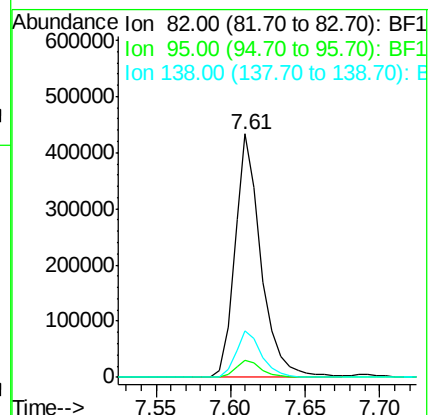
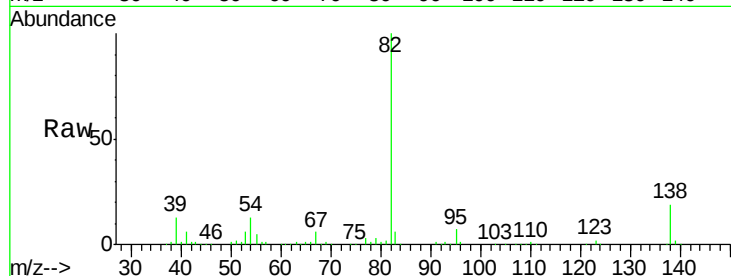
Tot Ion: 82 Resp: 529660

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 60.85 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

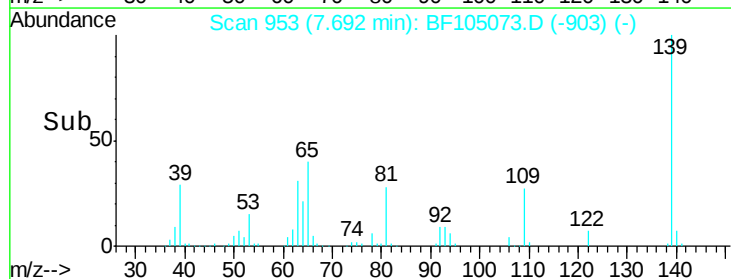
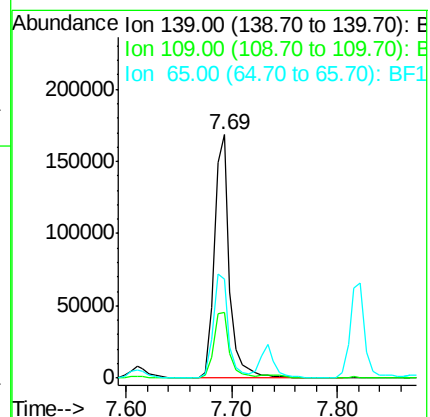
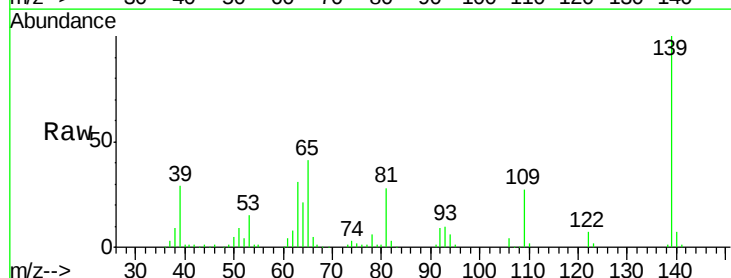
Tgt Ion: 139 Resp: 169402

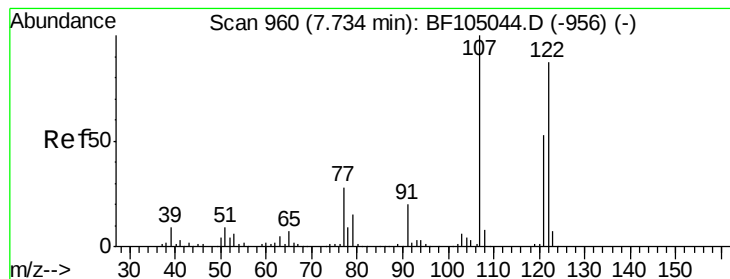
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 40.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.67 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

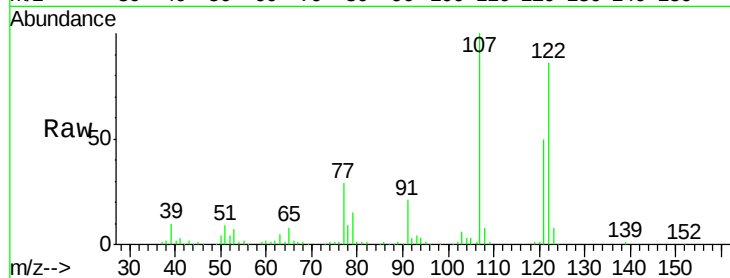
Tot Ion:122 Resp: 229301

Ion Ratio Lower Upper

122 100

107 116.0 91.2 136.8

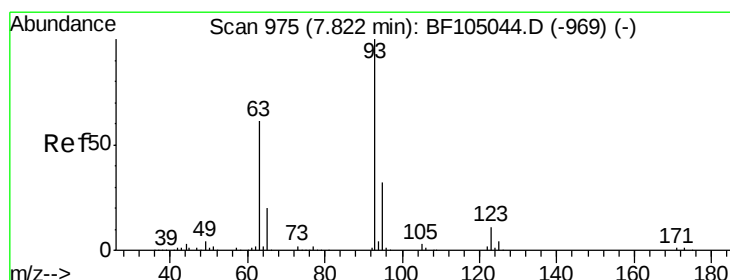
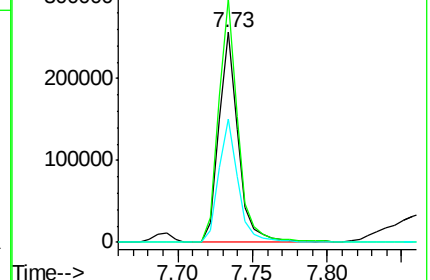
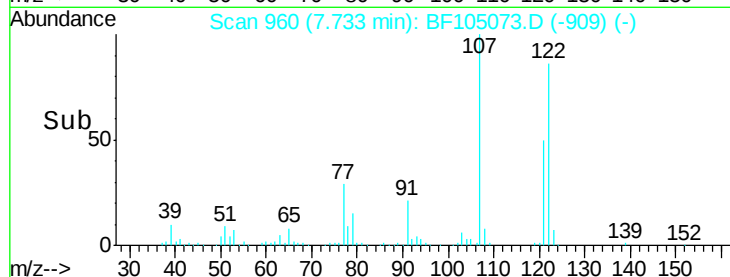
121 58.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.67 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

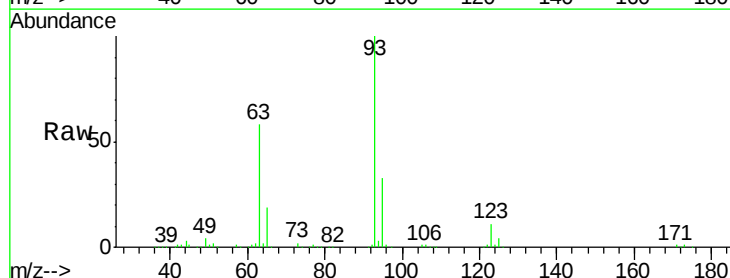
Tgt Ion: 93 Resp: 333645

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

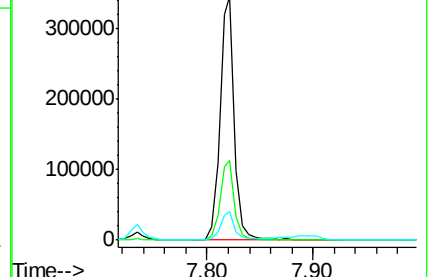
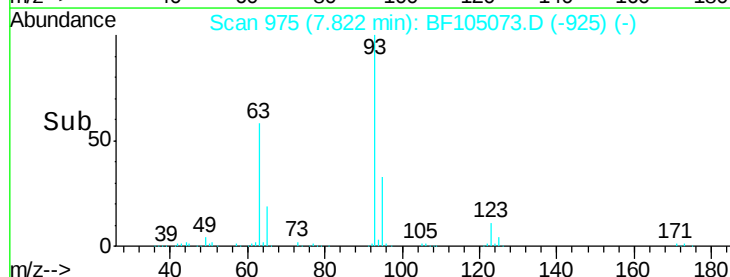
123 11.5 9.8 14.6

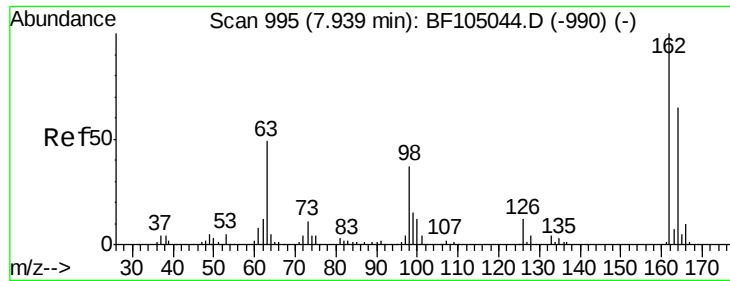


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

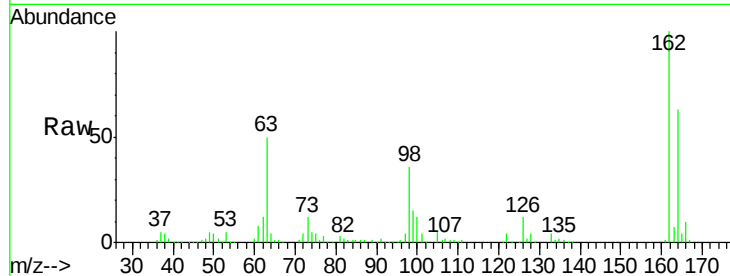




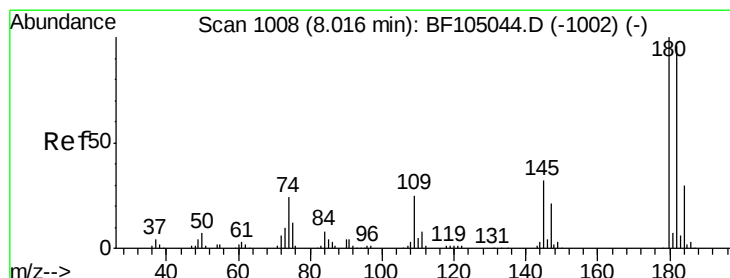
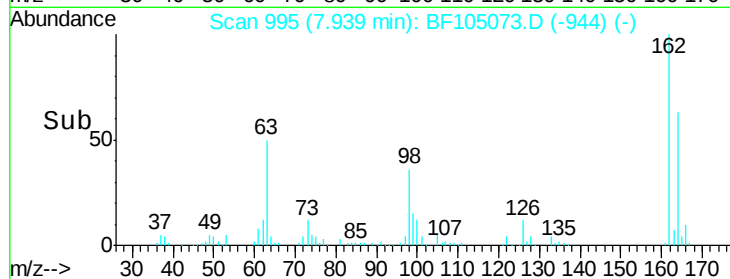
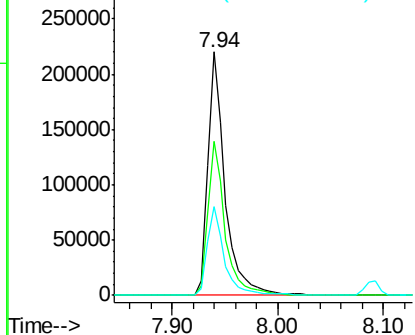
#29
 2,4-Dichlorophenol
 Concen: 45.19 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 249222
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 36.4 18.1 58.1

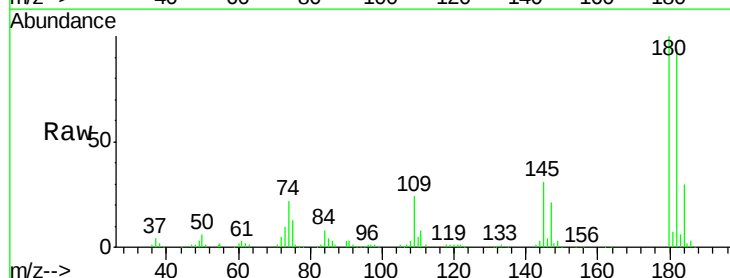


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

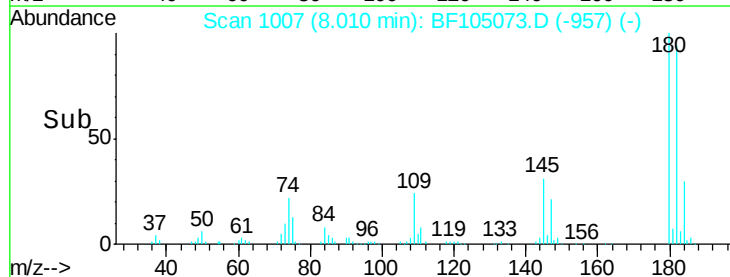
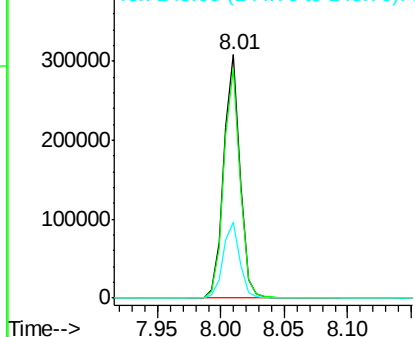


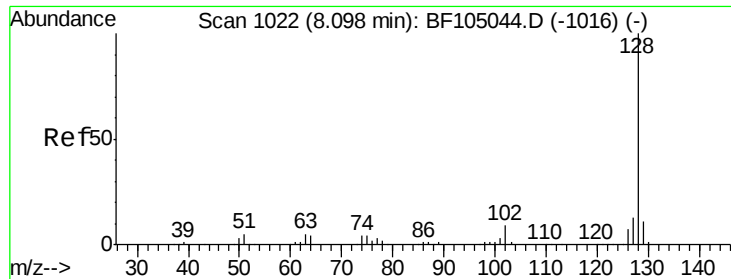
#30
 1,2,4-Trichlorobenzene
 Concen: 45.69 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:180 Resp: 276520
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.8 115.2
 145 31.4 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

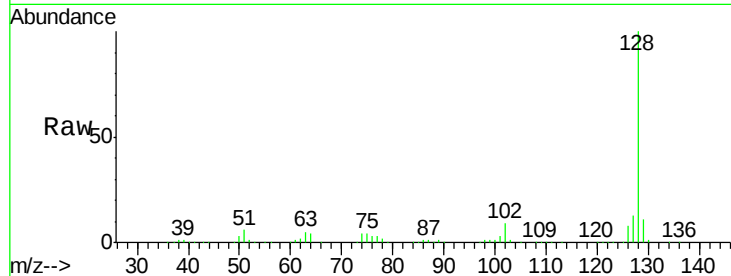




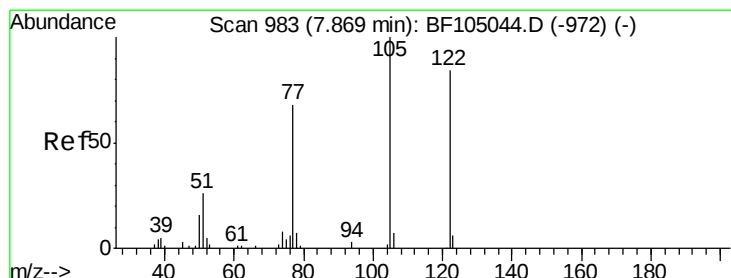
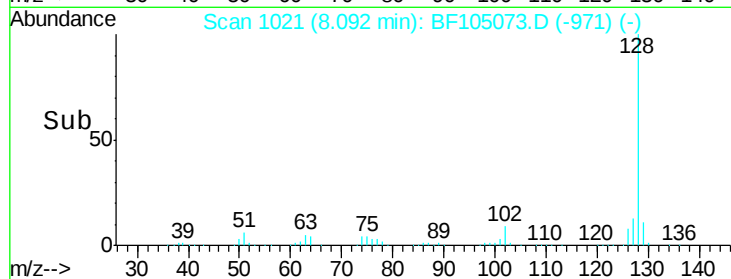
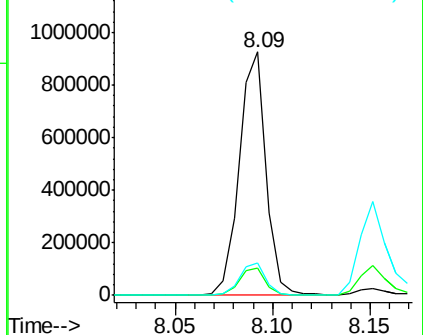
#31
Naphthalene
Concen: 43.61 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 878192
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3

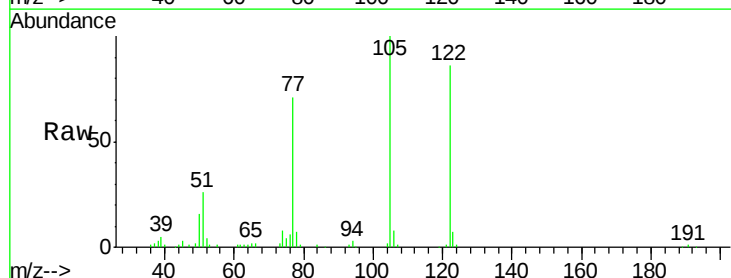


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

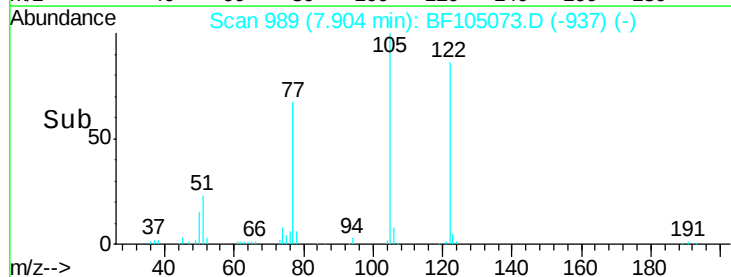
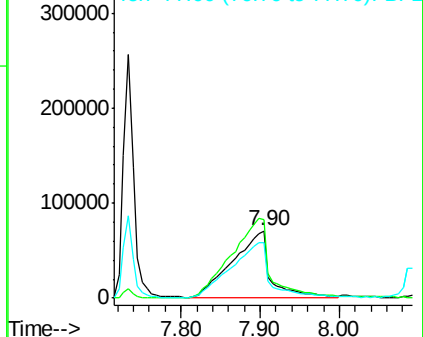


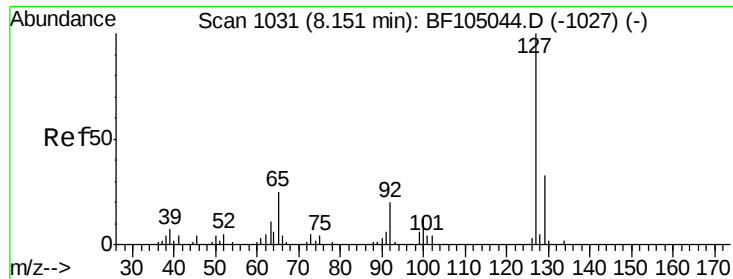
#32
Benzoic acid
Concen: 49.66 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:122 Resp: 229039
Ion Ratio Lower Upper
122 100
105 116.4 101.1 141.1
77 82.7 70.7 110.7



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

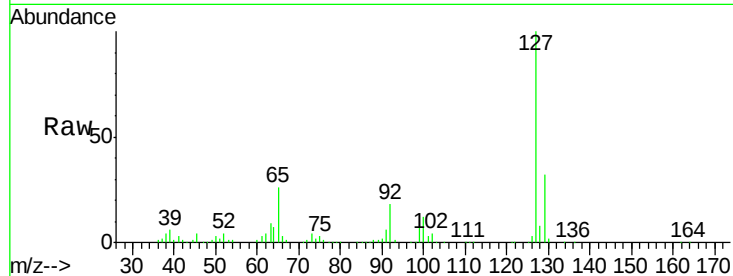




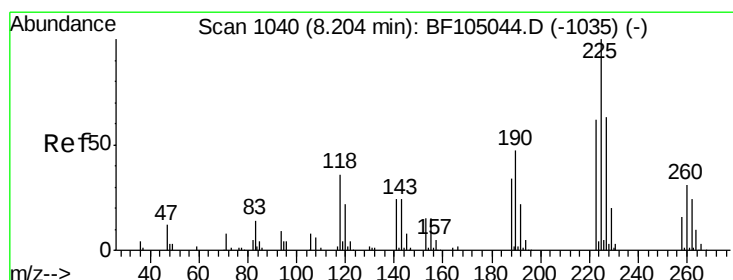
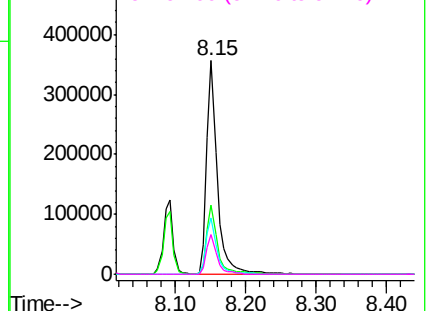
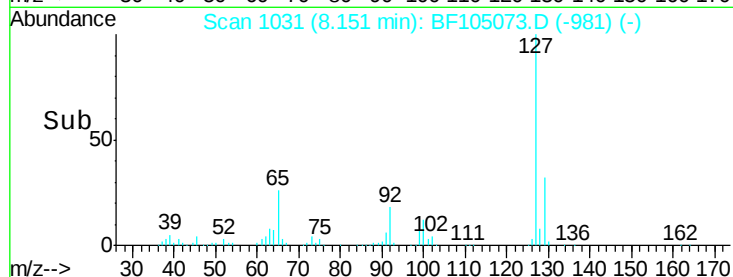
#33
4-Chloroaniline
Concen: 43.65 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	376611
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	26.2	25.0	37.4
92	18.5	15.2	22.8

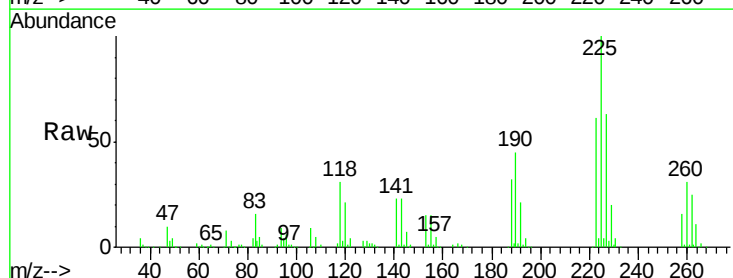


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

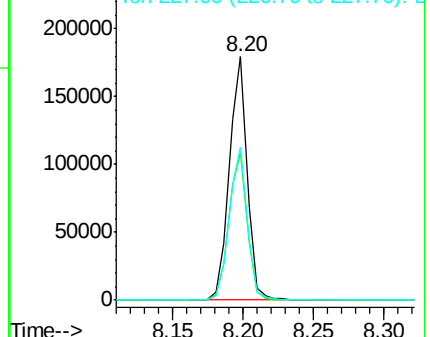
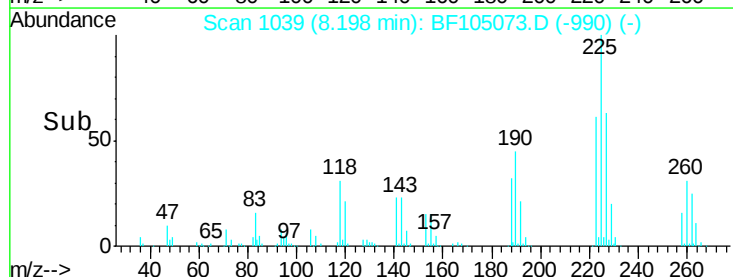


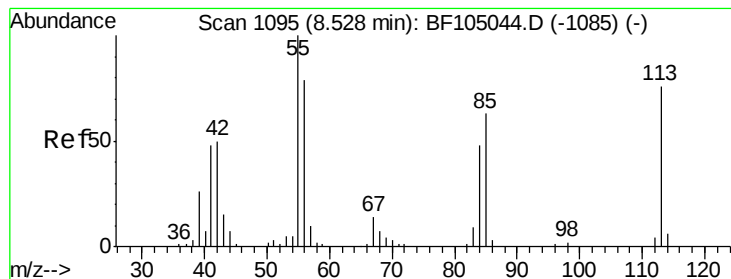
#34
Hexachlorobutadiene
Concen: 47.48 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:	225	Resp:	157393
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.6	76.0
227	62.9	51.9	77.9



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: 40.57 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampled :

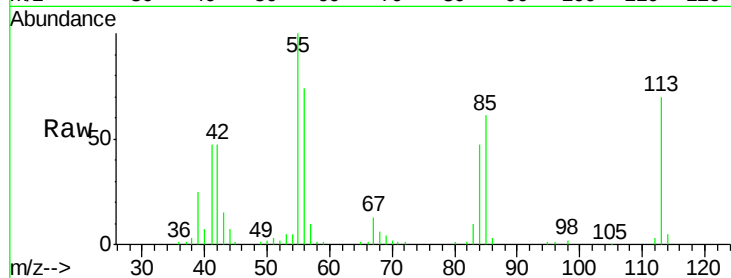
Tot Ion:113 Resp: 78060

Ion Ratio Lower Upper

113 100

55 143.2 163.3 203.3#

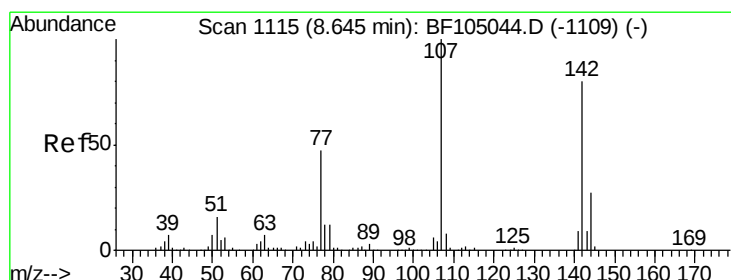
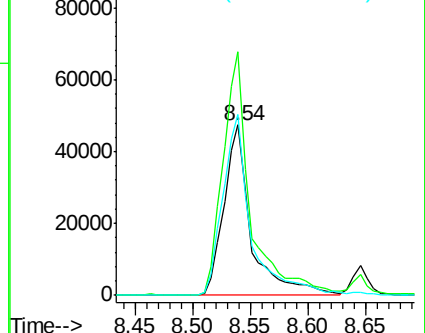
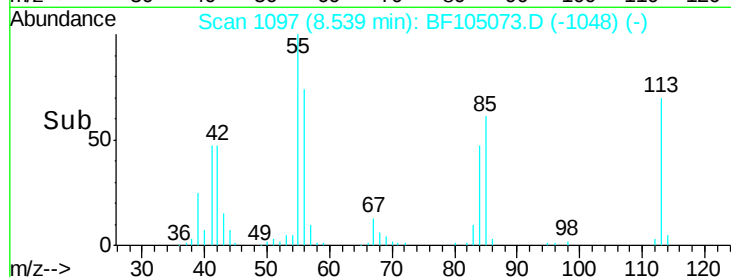
56 106.1 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.55 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

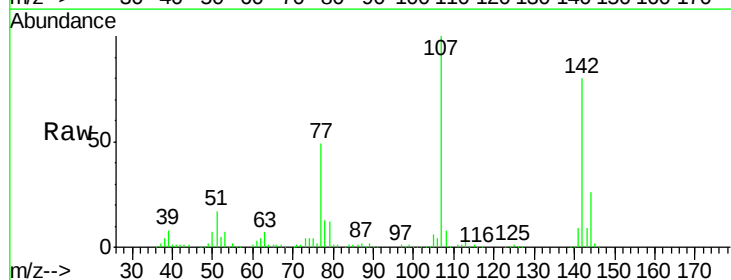
Tgt Ion:107 Resp: 257552

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

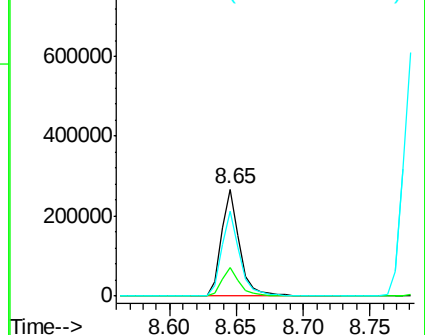
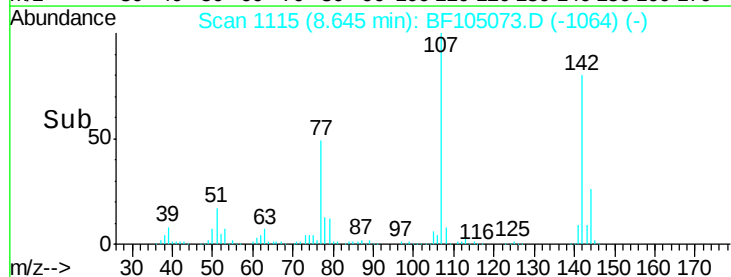
142 79.9 62.0 93.0

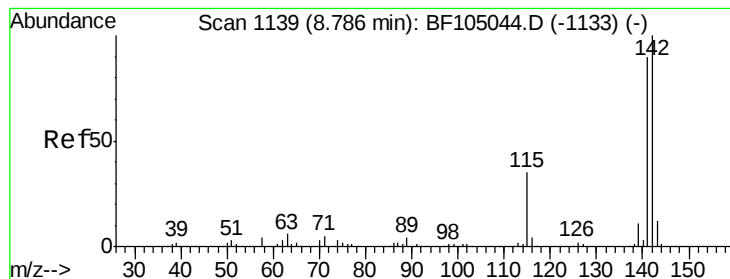


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.31 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

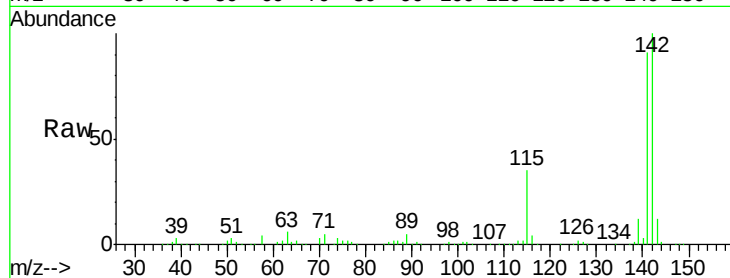
Tot Ion:142 Resp: 564217

Ion Ratio Lower Upper

142 100

141 90.6 70.8 106.2

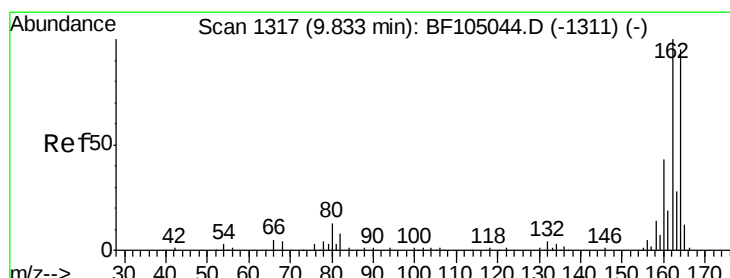
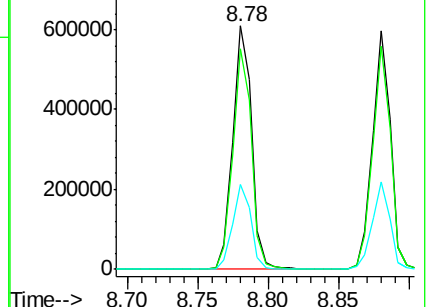
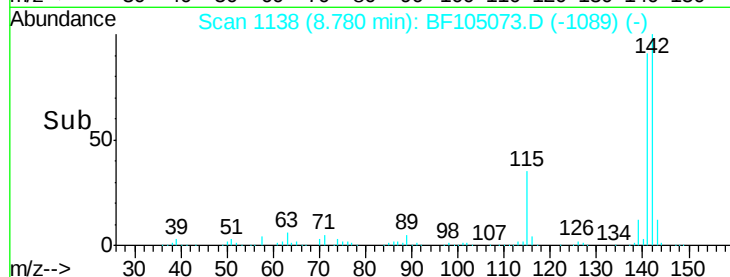
115 34.7 26.1 39.1



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

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

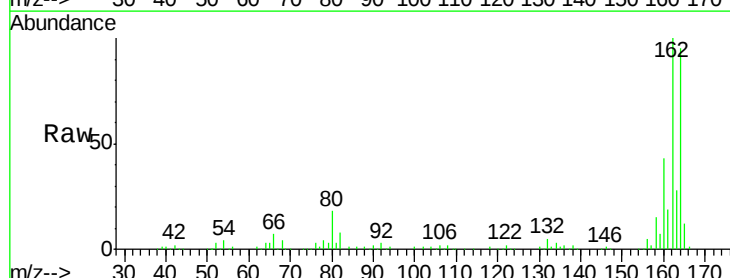
Tgt Ion:164 Resp: 189837

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

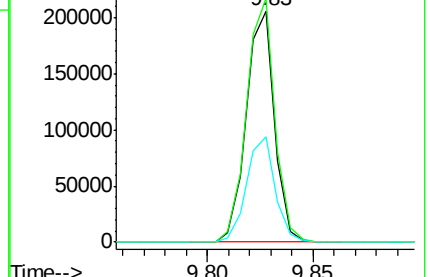
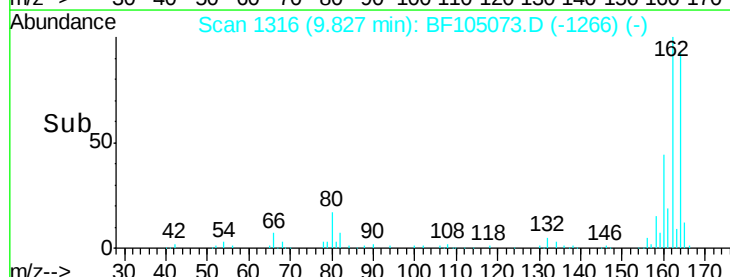
160 45.7 38.3 57.5

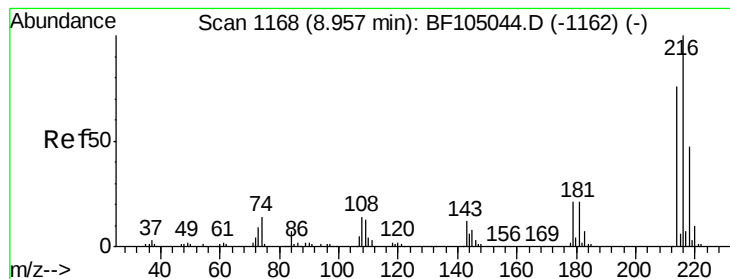


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

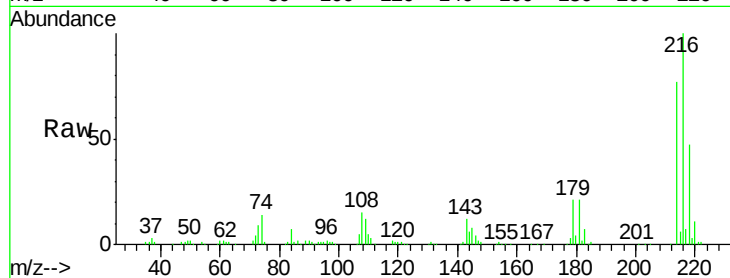




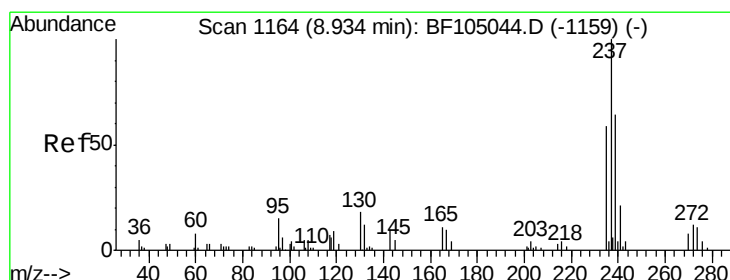
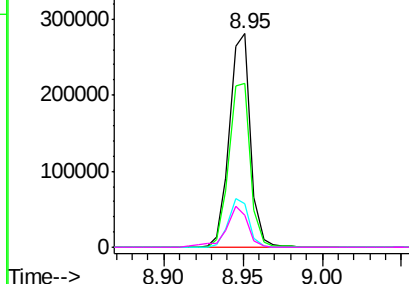
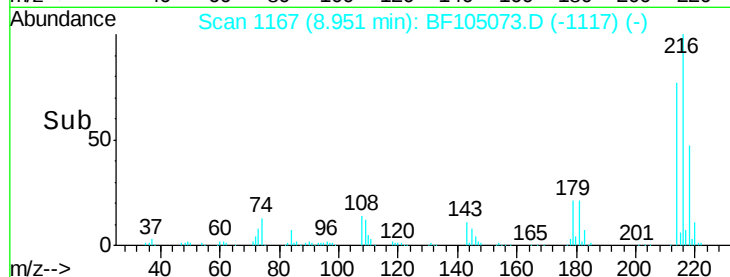
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.63 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	258833
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	22.6	18.1	27.1
108	19.5	17.2	25.8

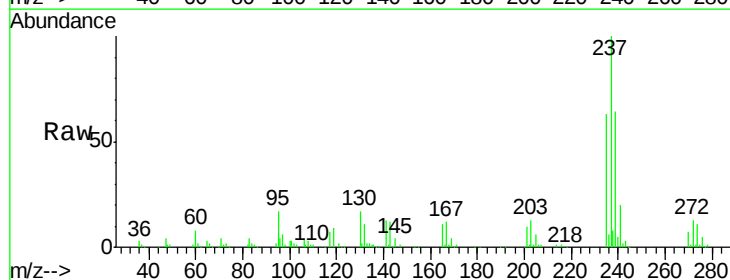


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

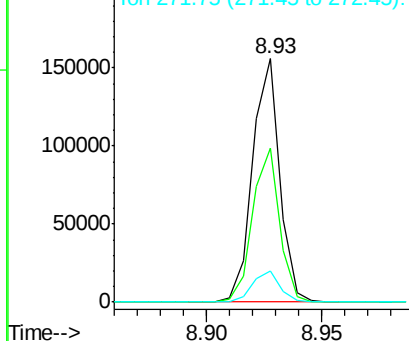
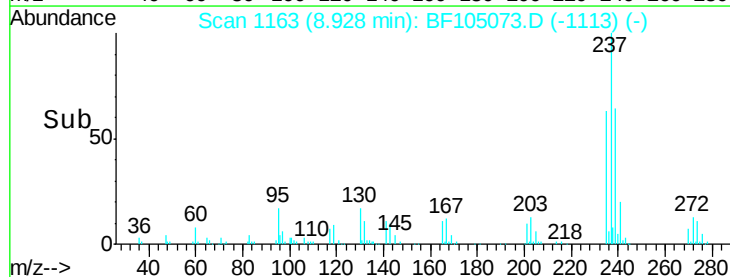


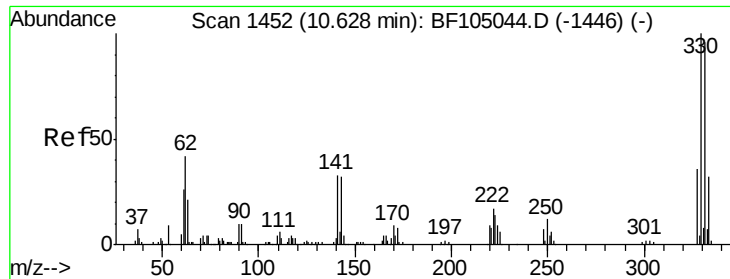
#40
 Hexachlorocyclopentadiene
 Concen: 42.17 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:	237	Resp:	128299
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.8	84.8
272	12.9	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 90.76 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampled :

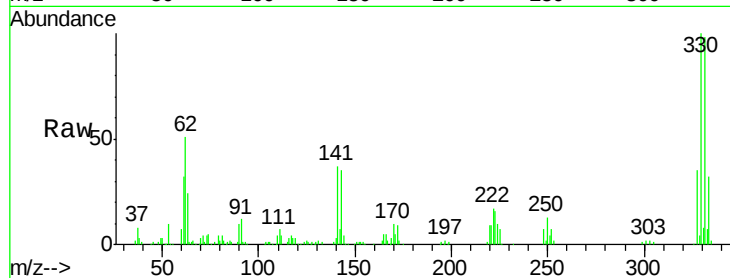
Tot Ion:330 Resp: 178731

Ion Ratio Lower Upper

330 100

332 98.7 77.0 115.6

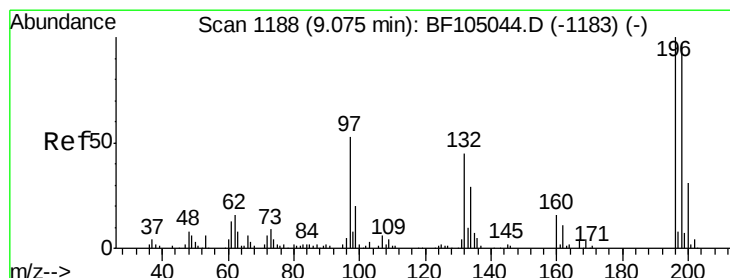
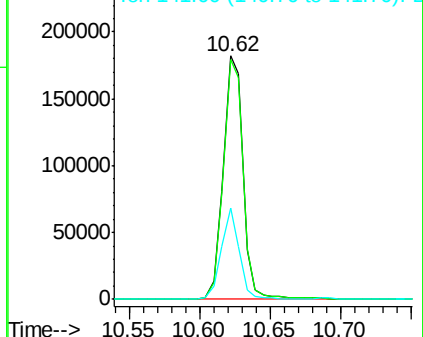
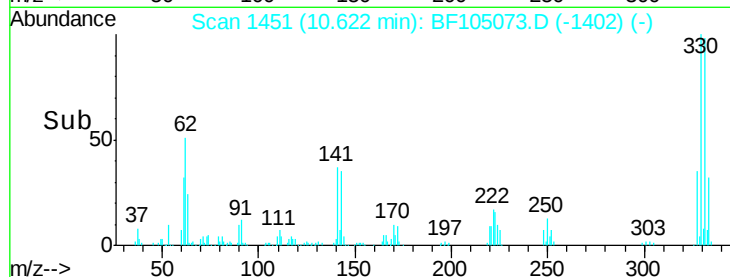
141 33.6 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 44.70 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

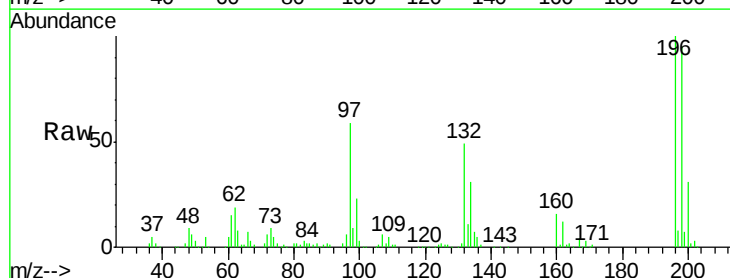
Tgt Ion:196 Resp: 168616

Ion Ratio Lower Upper

196 100

198 94.5 75.7 113.5

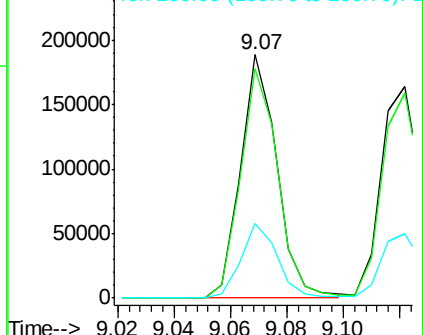
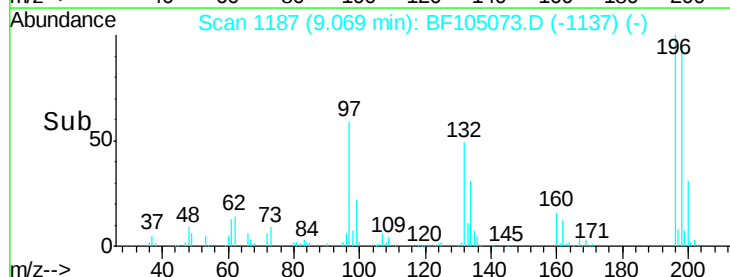
200 30.7 24.5 36.7

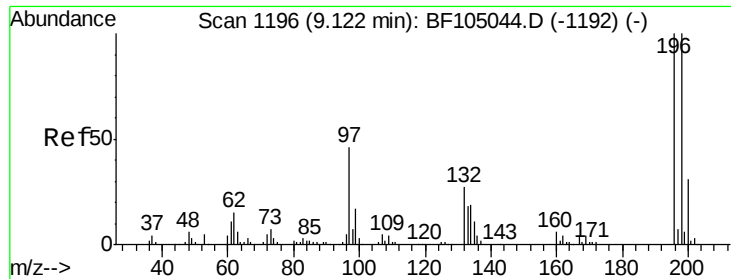


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

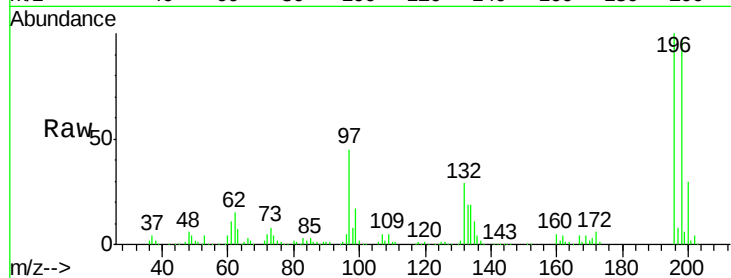




#43
 2,4,5-Trichlorophenol
 Concen: 45.12 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.6	112.0
97	45.2	42.9	64.3
132	28.7	26.3	39.5



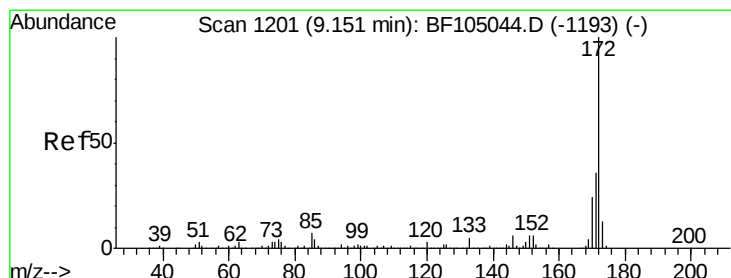
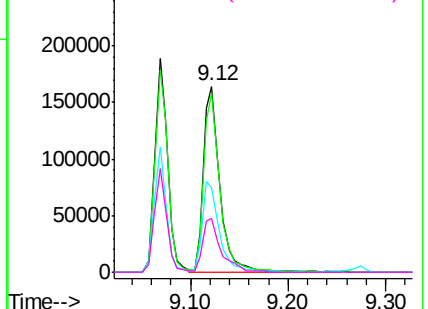
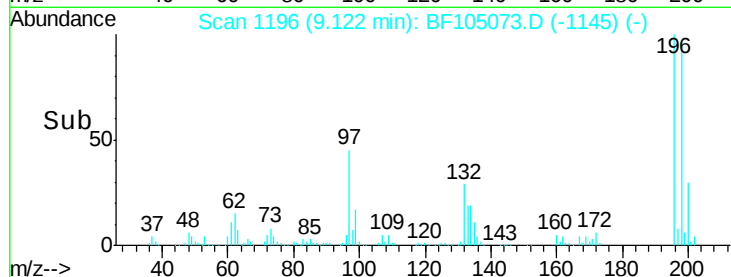
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

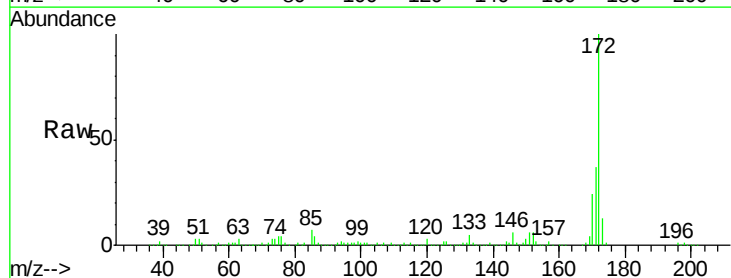
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.52 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	23.8	19.6	29.4

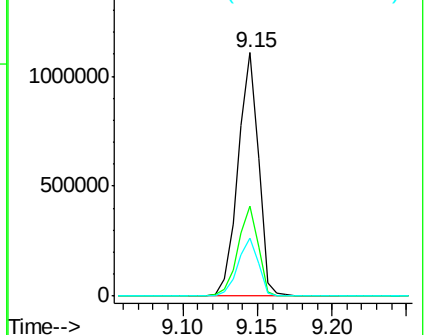
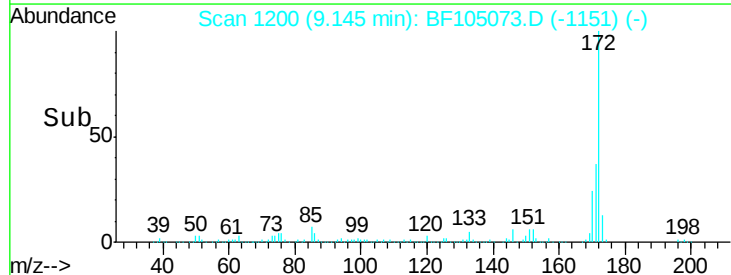


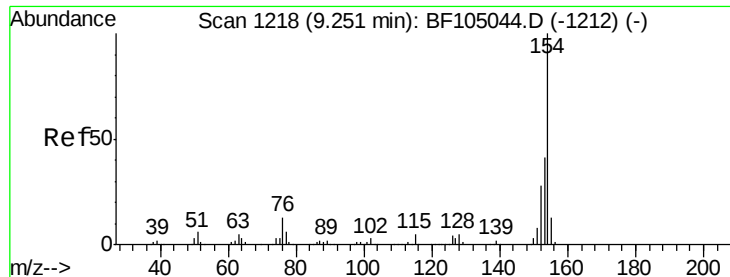
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.86 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

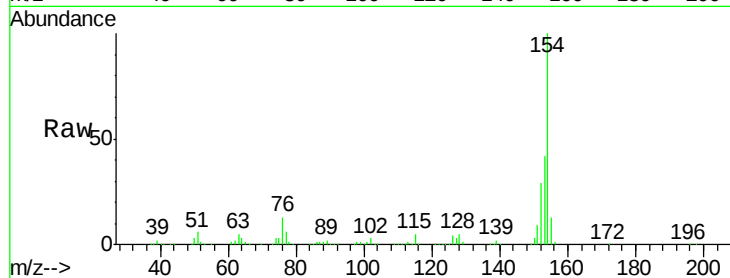
Tot Ion:154 Resp: 699485

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

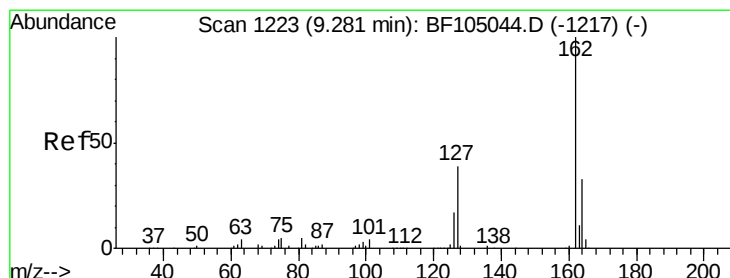
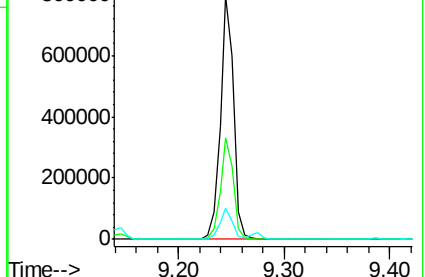
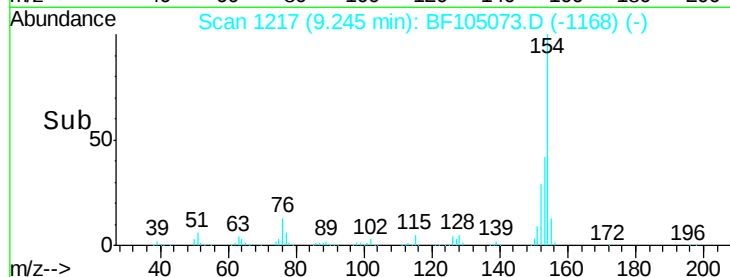
76 12.9 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 44.71 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

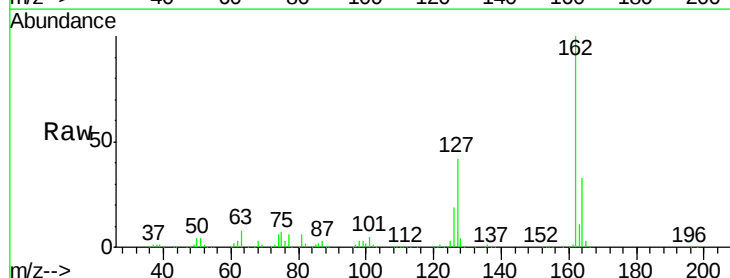
Tgt Ion:162 Resp: 563172

Ion Ratio Lower Upper

162 100

127 41.7 33.9 50.9

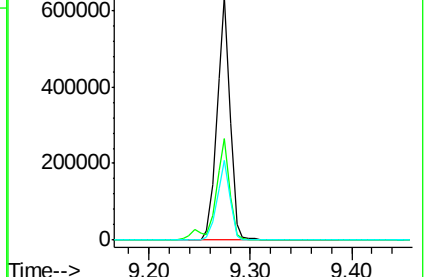
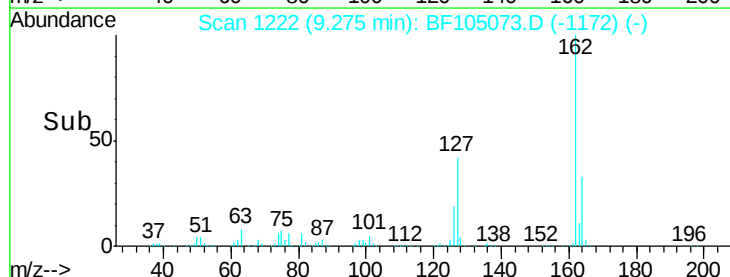
164 32.9 26.5 39.7

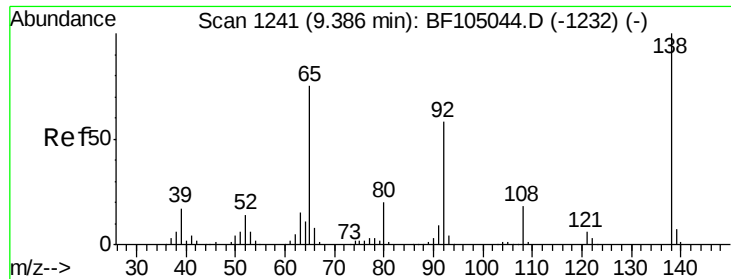


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

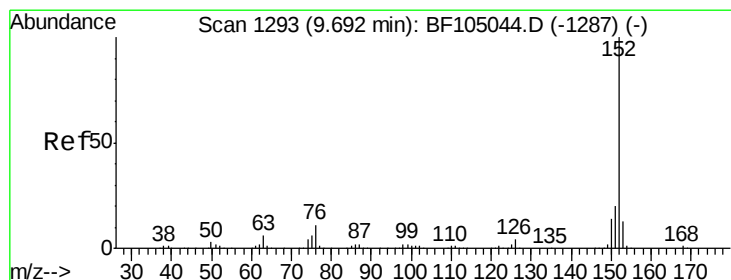
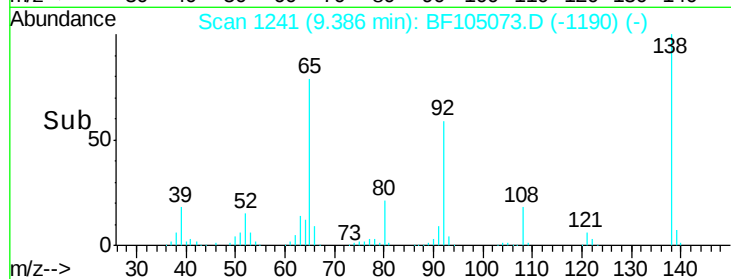
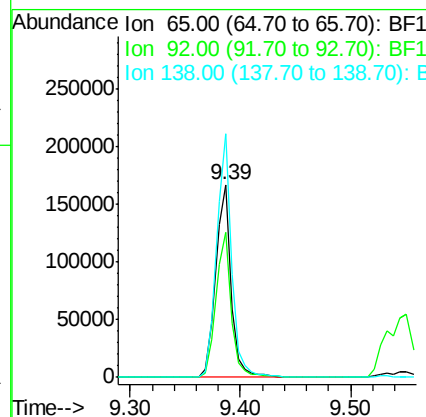
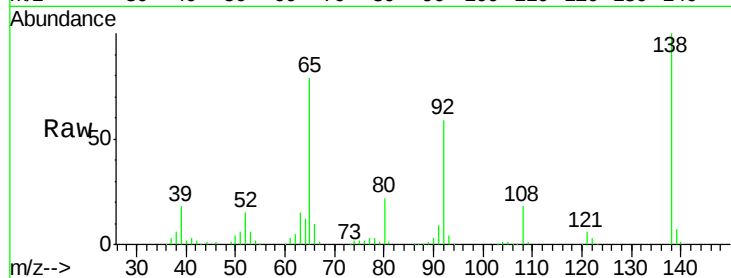




#47
 2-Nitroaniline
 Concen: 50.95 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

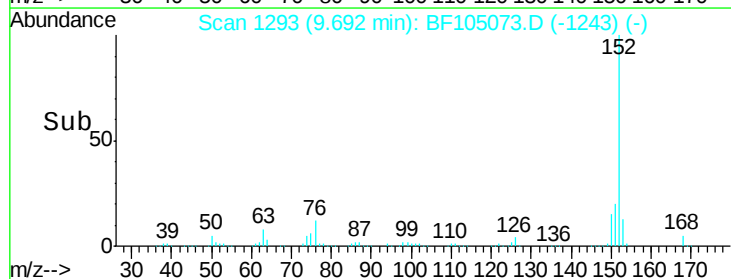
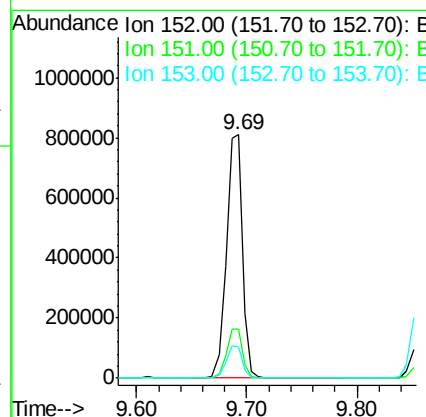
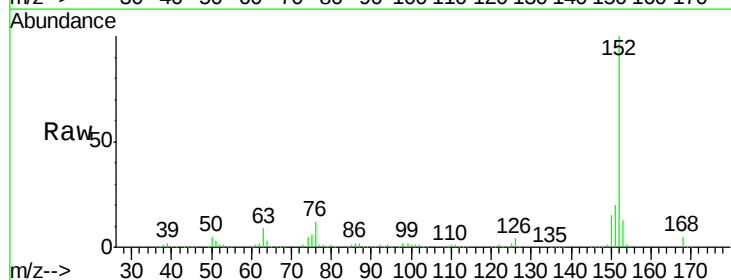
Instrument :
 BNA_F
 ClientSampled :

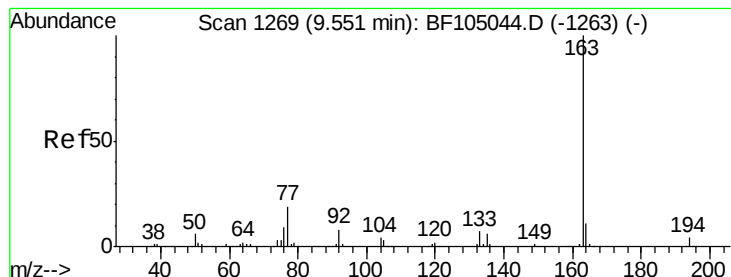
Tot Ion: 65 Resp: 158729
 Ion Ratio Lower Upper
 65 100
 92 74.9 55.8 83.6
 138 126.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 41.47 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion: 152 Resp: 819561
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 12.6 10.7 16.1





#49

Dimethylphthalate

Concen: 43.49 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

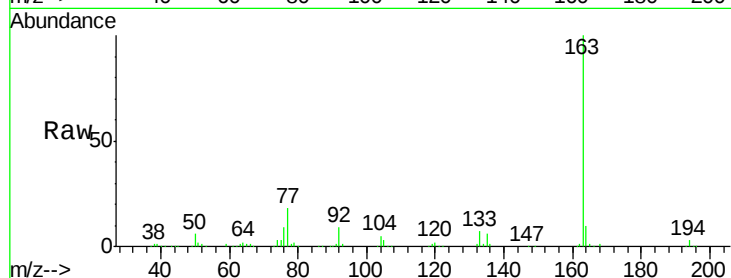
Tot Ion:163 Resp: 650993

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

164 10.0 8.2 12.2

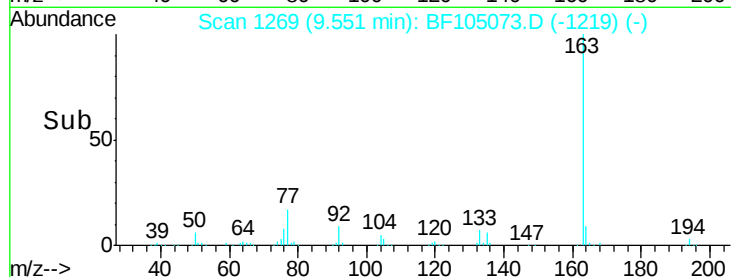


Abundance Ion 163.00 (162.70 to 163.70): E

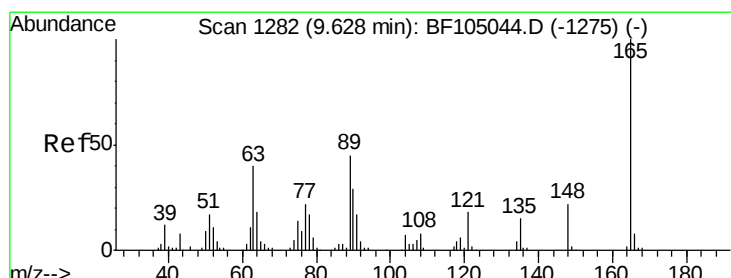
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#50

2,6-Dinitrotoluene

Concen: 51.53 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

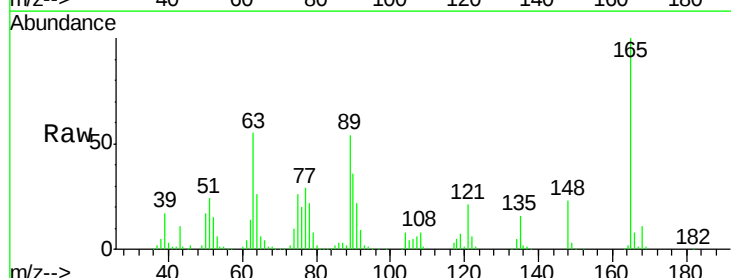
Tgt Ion:165 Resp: 142733

Ion Ratio Lower Upper

165 100

63 55.4 44.7 67.1

89 53.9 44.0 66.0

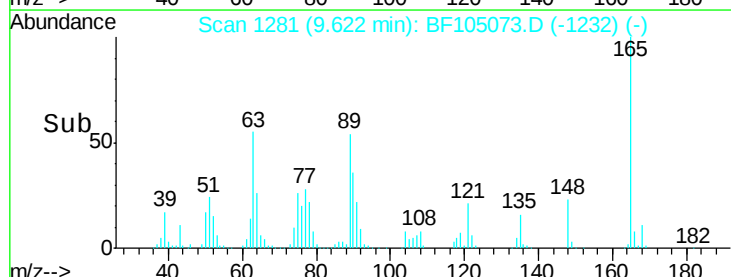


Abundance Ion 165.00 (164.70 to 165.70): E

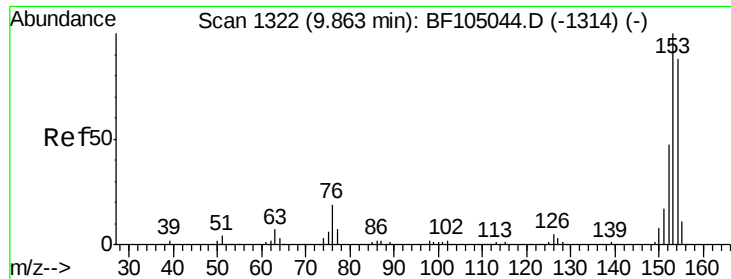
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#51

Acenaphthene

Concen: 40.90 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

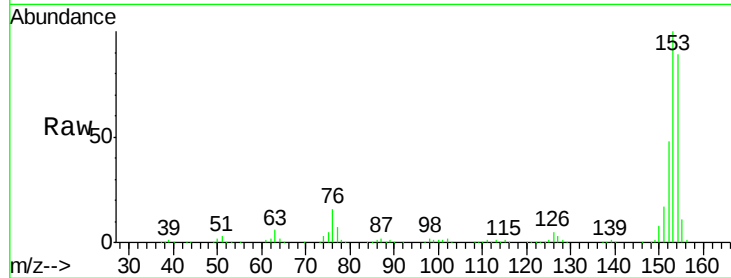
Tot Ion:154 Resp: 493230

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

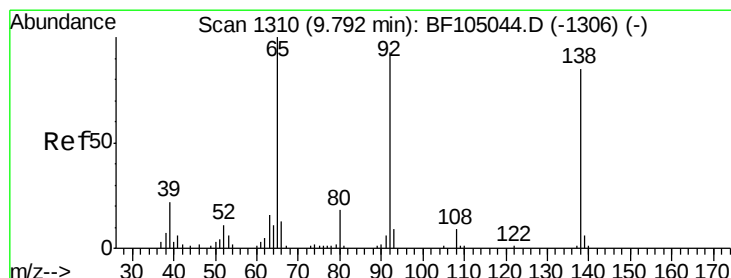
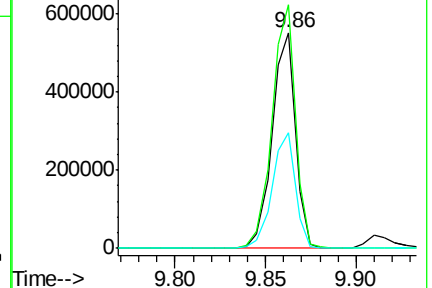
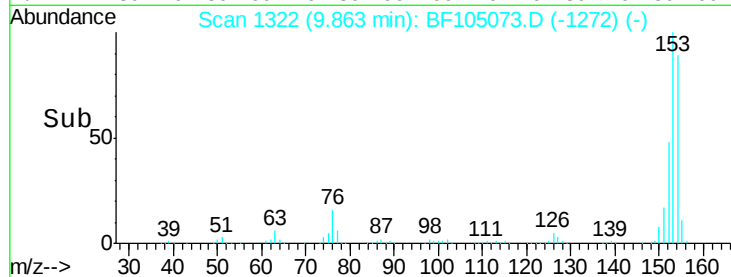
152 53.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 50.45 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

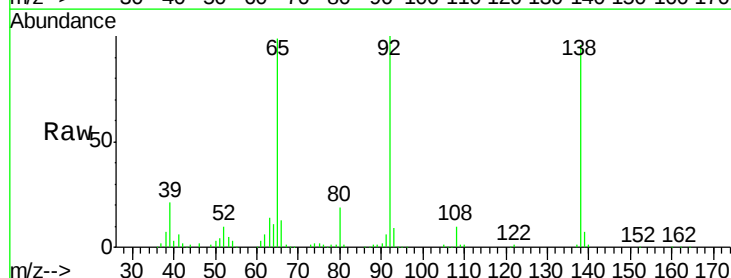
Tgt Ion:138 Resp: 163610

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

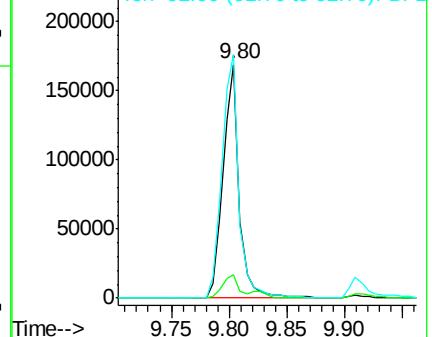
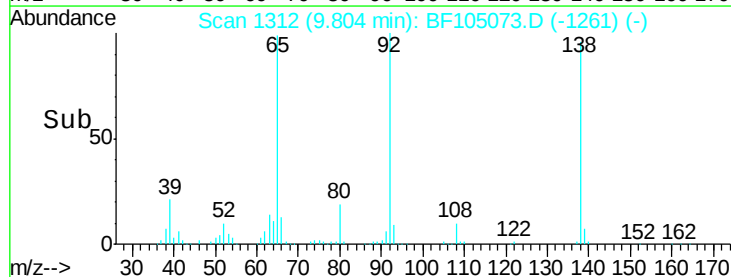
92 104.3 89.4 134.2

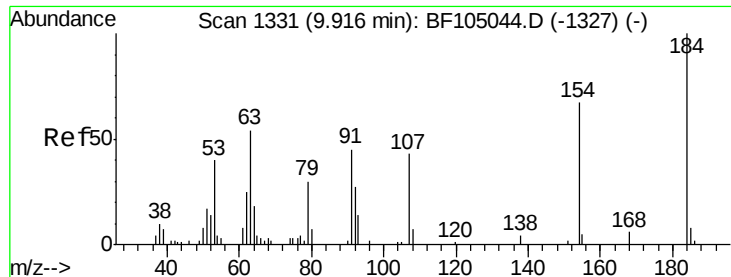


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

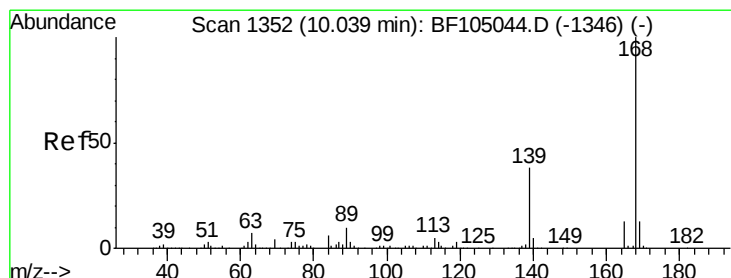
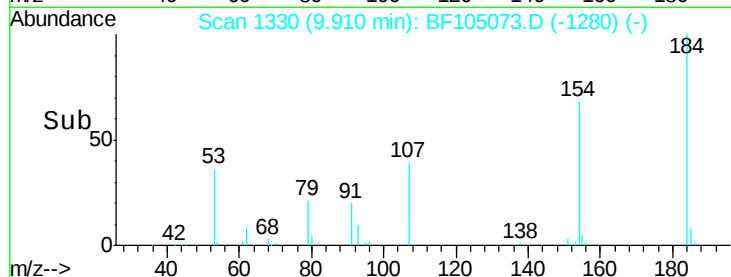
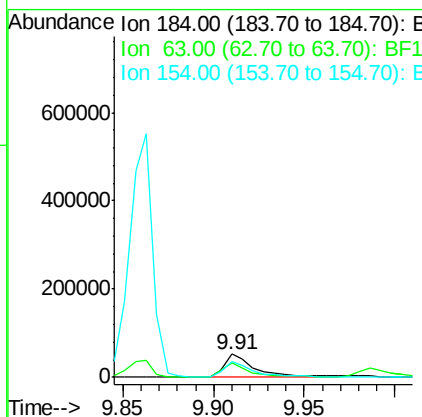
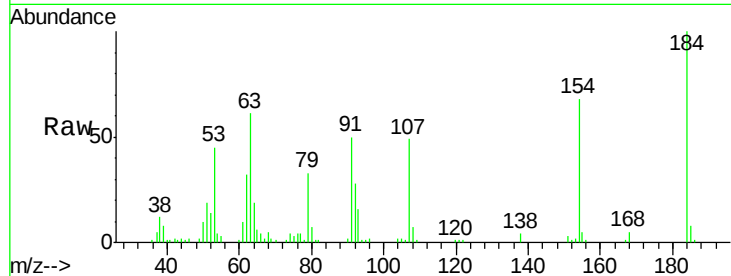




#53
 2,4-Dinitrophenol
 Concen: 61.64 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

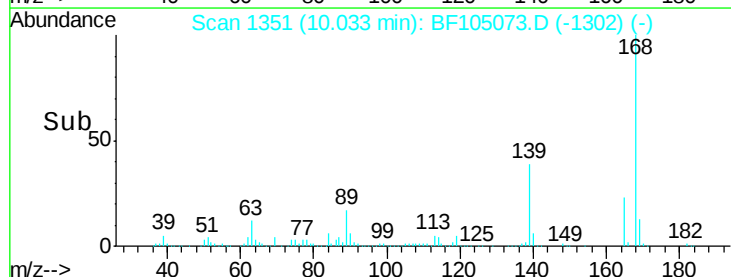
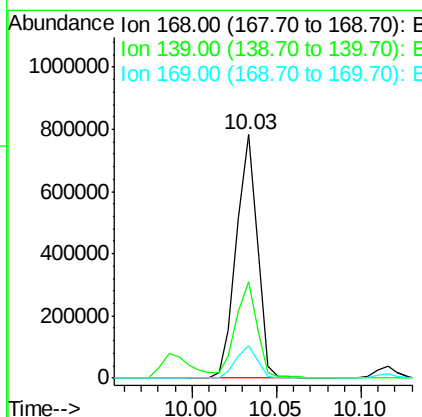
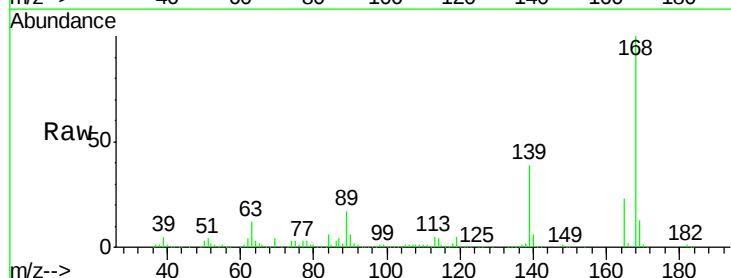
Instrument :
 BNA_F
 ClientSampleId :

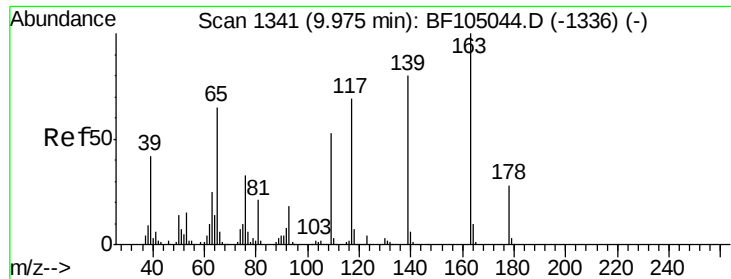
Tot Ion:184 Resp: 62628
 Ion Ratio Lower Upper
 184 100
 63 60.9 54.2 81.2
 154 68.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.24 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:168 Resp: 676187
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.2 10.9 16.3

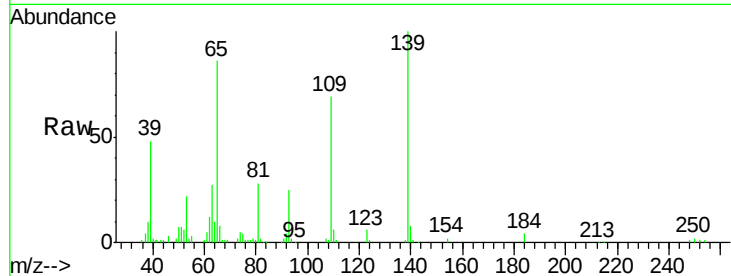




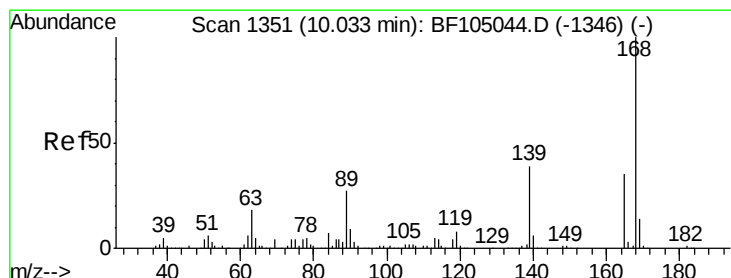
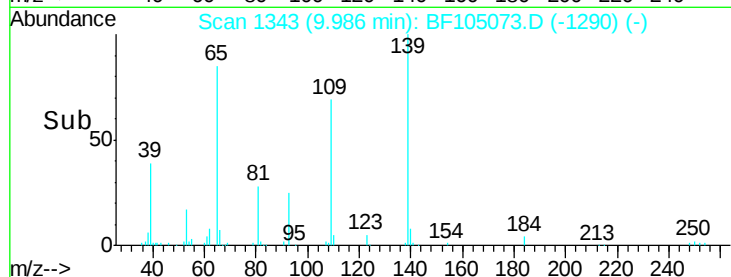
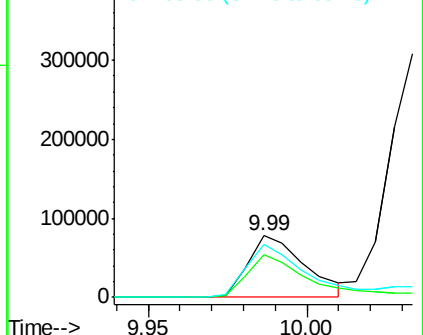
#55
4-Nitrophenol
Concen: 38.02 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 96856
Ion Ratio Lower Upper
139 100
109 68.7 48.4 88.4
65 86.4 72.6 112.6

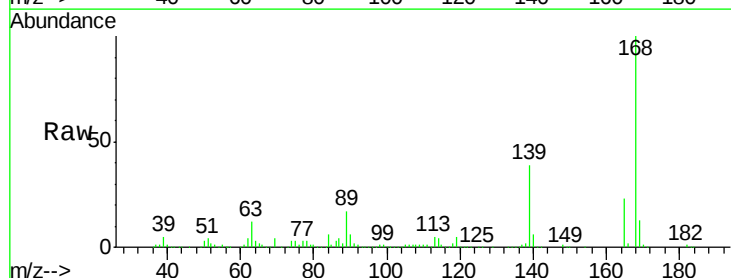


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

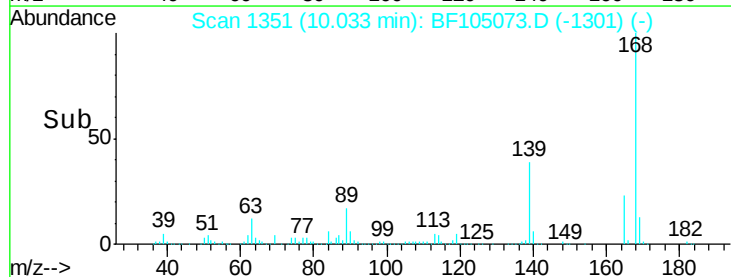
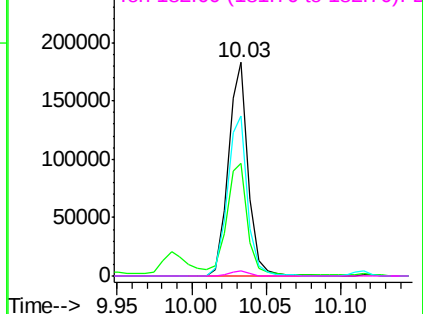


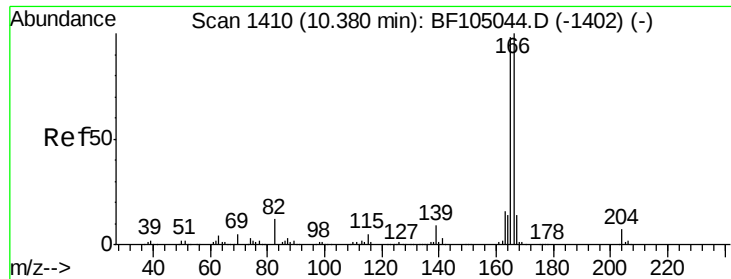
#56
2,4-Dinitrotoluene
Concen: 47.56 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:165 Resp: 172822
Ion Ratio Lower Upper
165 100
63 52.7 36.4 54.6
89 74.9 57.8 86.6
182 2.3 1.6 2.4



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





#57

Fluorene

Concen: 46.81 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

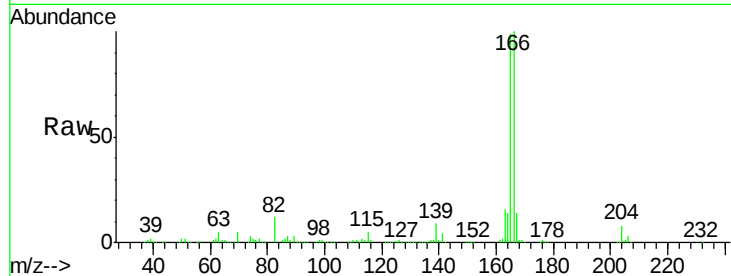
Tot Ion:166 Resp: 572584

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

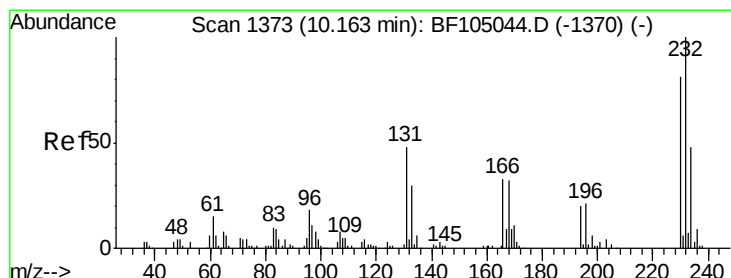
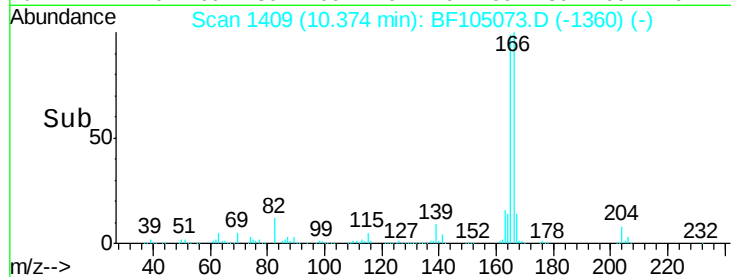
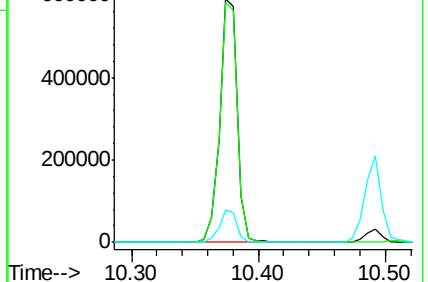
167 13.5 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.89 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Tgt Ion:232 Resp: 135075

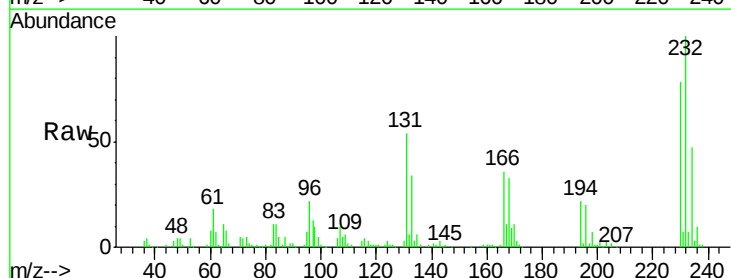
Ion Ratio Lower Upper

232 100

131 49.9 43.8 65.8

130 2.4 2.1 3.1

166 32.7 27.8 41.6

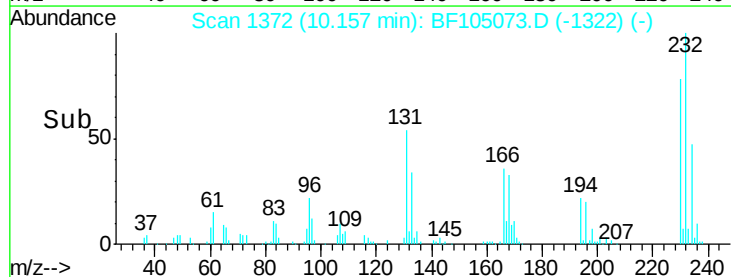
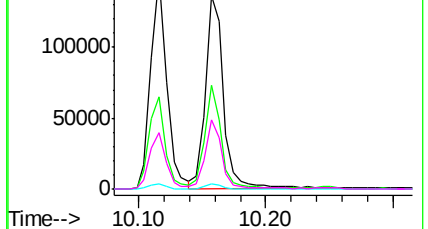


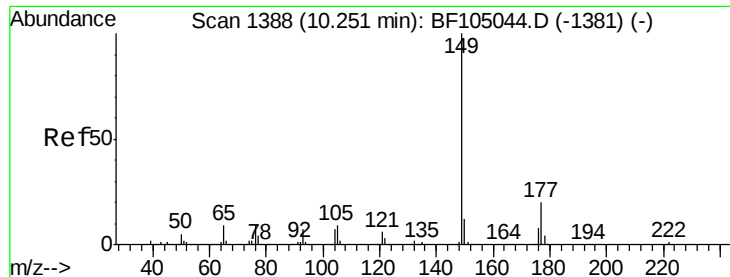
Abundance Ion 232.00 (231.70 to 232.70): E

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

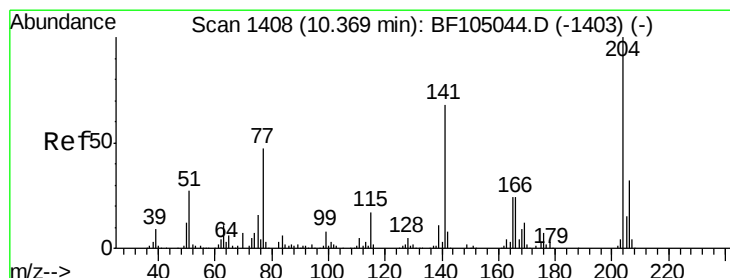
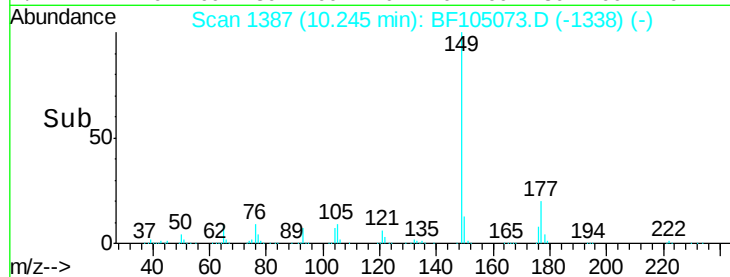
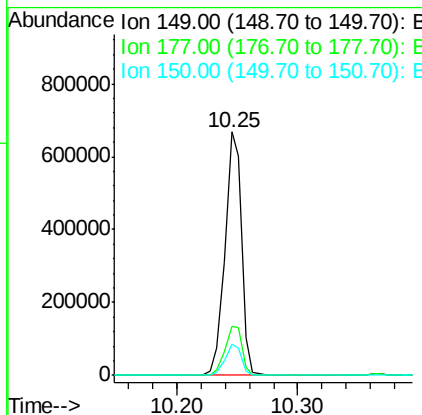
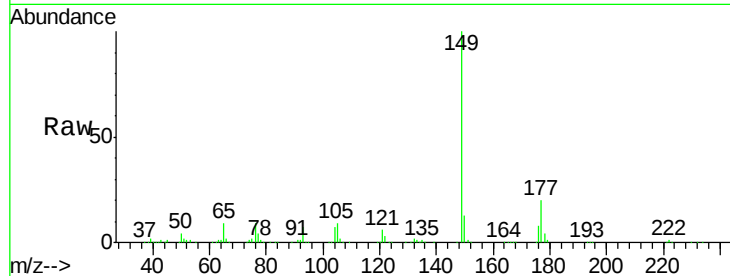




#59
Diethylphthalate
Concen: 42.37 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

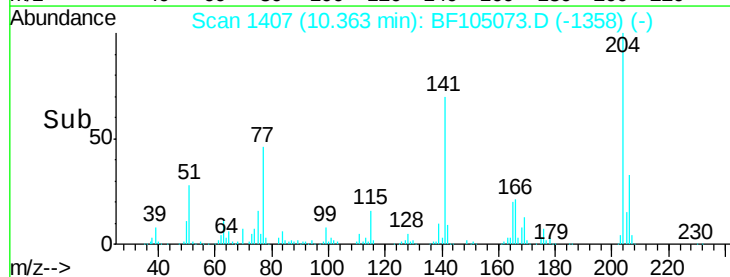
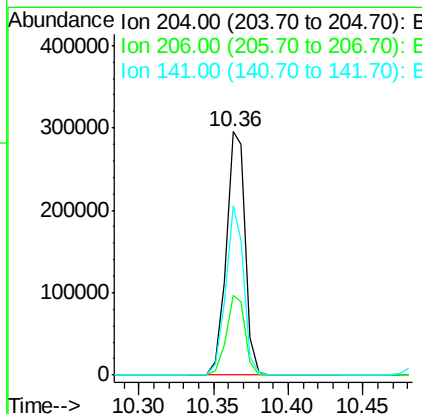
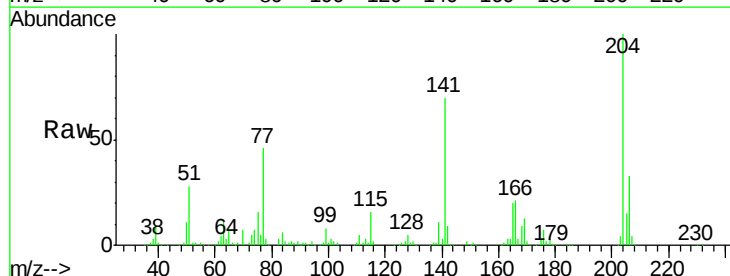
Instrument :
BNA_F
ClientSampleId :

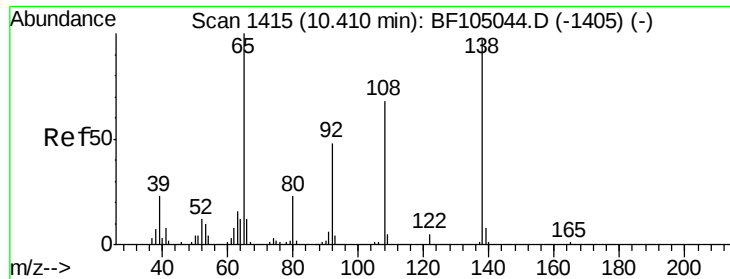
Tot Ion:149 Resp: 631690
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 49.07 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:204 Resp: 267325
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 69.8 54.6 81.8

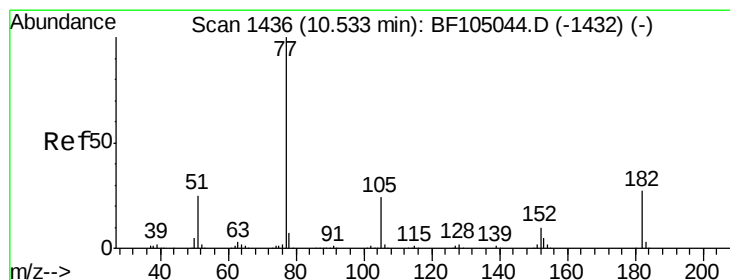
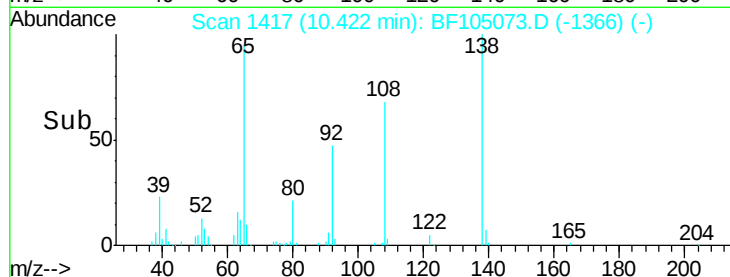
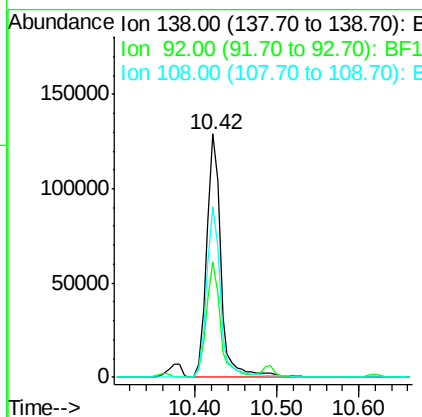
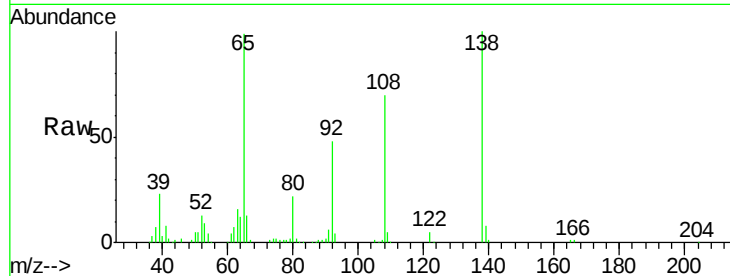




#61
4-Nitroaniline
Concen: 49.52 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

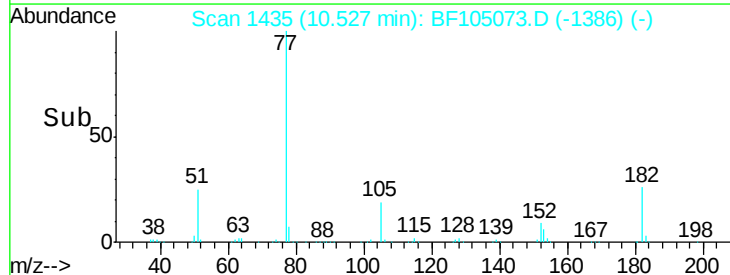
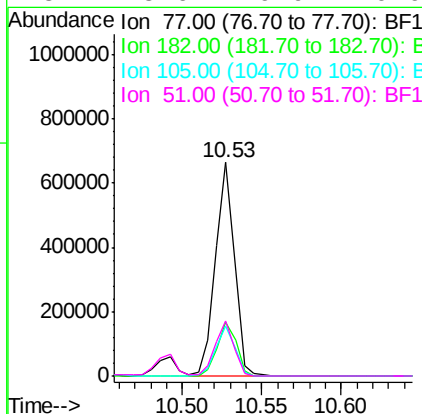
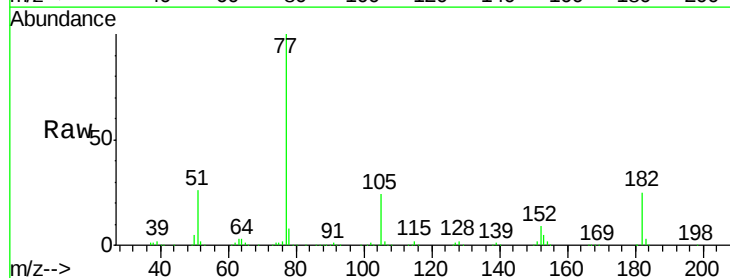
Instrument :
BNA_F
ClientSampleId :

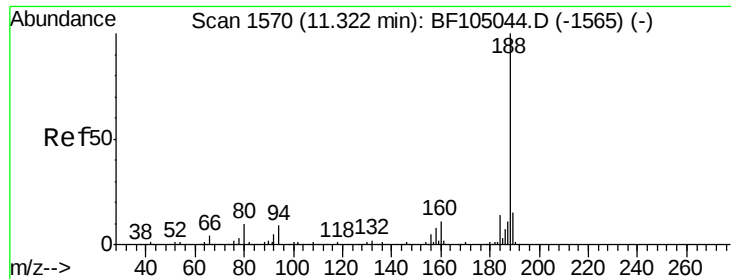
Tot Ion:138 Resp: 157009
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 70.2 52.5 92.5



#62
Azobenzene
Concen: 38.74 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion: 77 Resp: 551789
Ion Ratio Lower Upper
77 100
182 25.0 1.7 41.7
105 23.6 3.0 43.0
51 25.6 9.9 49.9

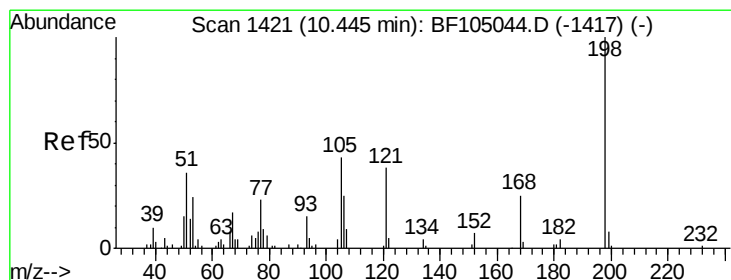
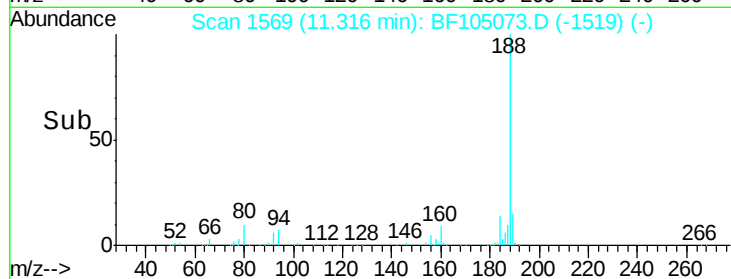
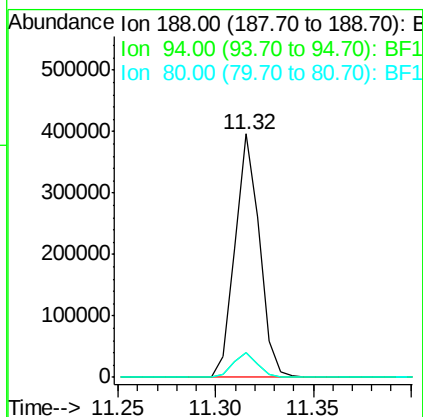
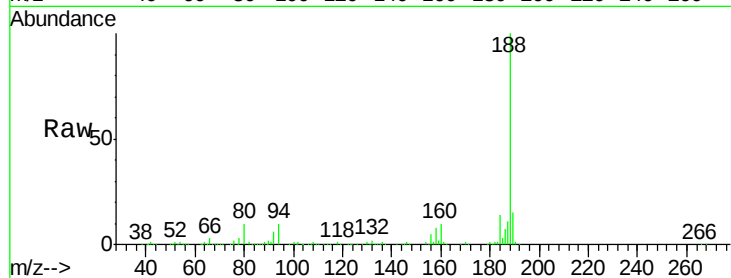




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

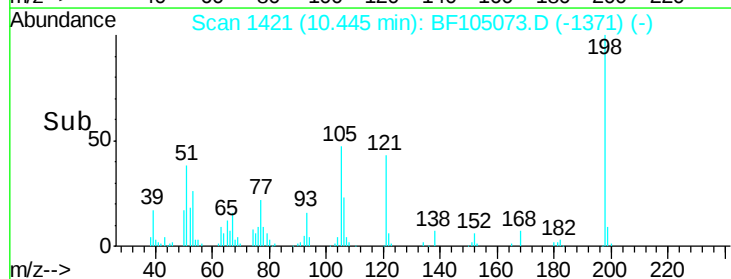
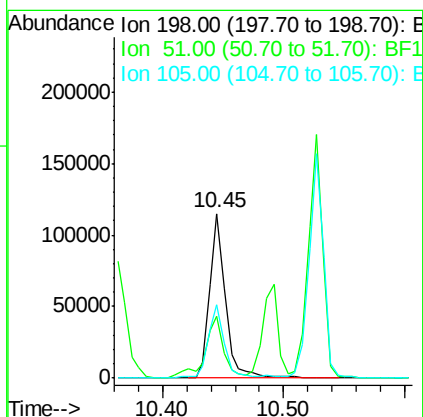
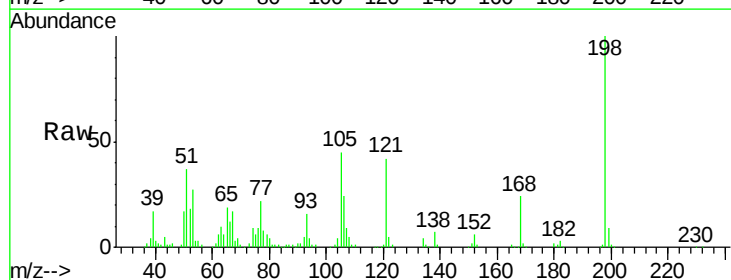
Instrument :
BNA_F
ClientSampleId :

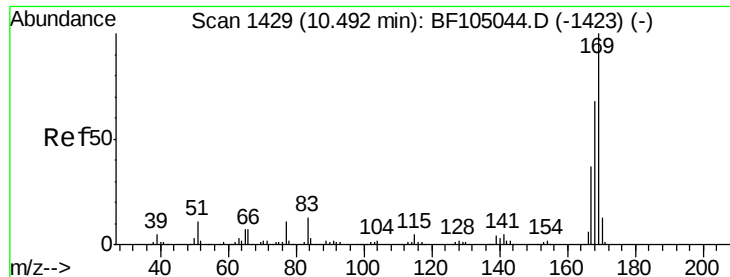
Tot Ion:188 Resp: 345329
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 59.98 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:198 Resp: 104511
Ion Ratio Lower Upper
198 100
51 37.3 37.7 77.7#
105 45.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 42.08 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

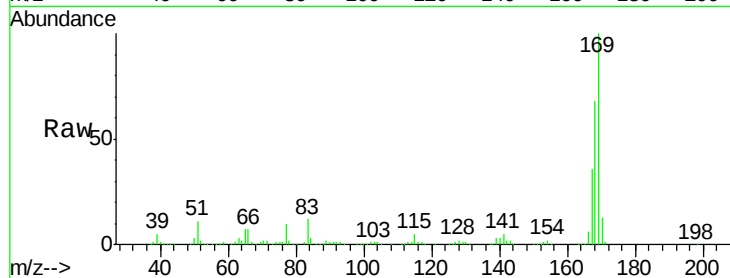
Tot Ion:169 Resp: 503888

Ion Ratio Lower Upper

169 100

168 67.7 54.4 81.6

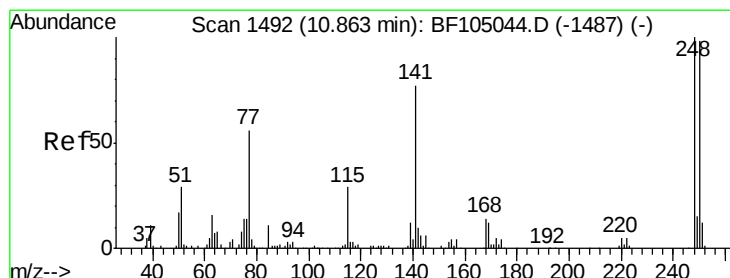
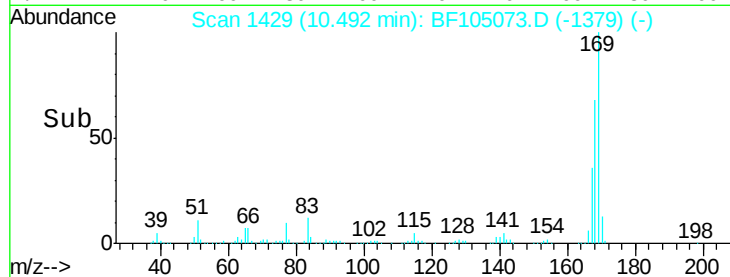
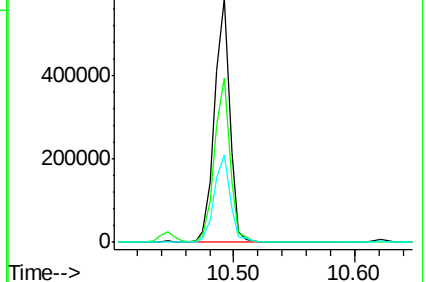
167 36.0 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 44.51 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

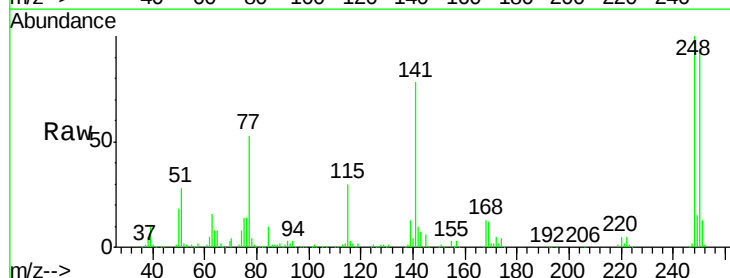
Tgt Ion:248 Resp: 163497

Ion Ratio Lower Upper

248 100

250 94.3 76.9 115.3

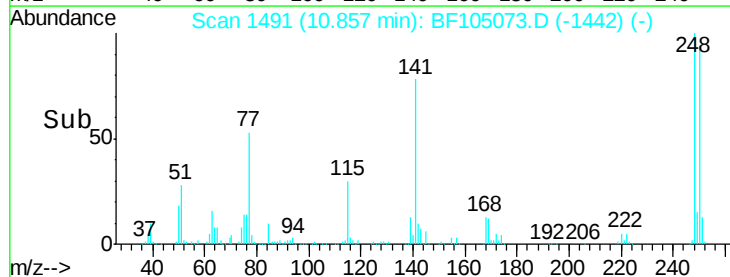
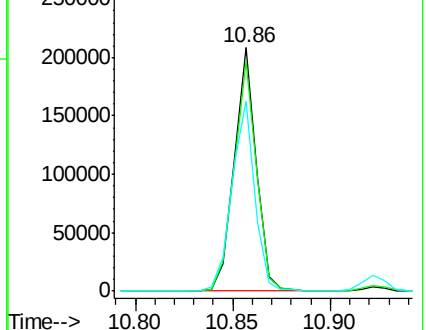
141 78.2 74.4 111.6

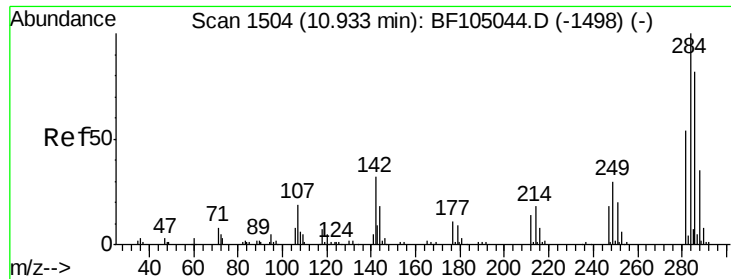


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

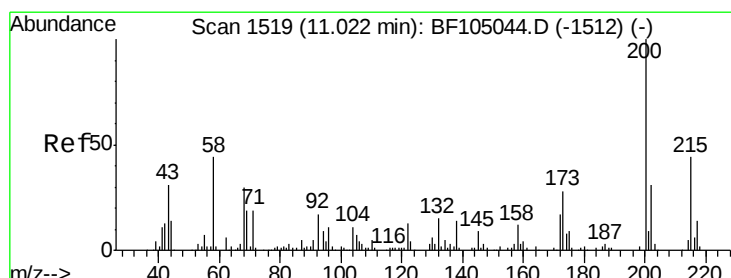
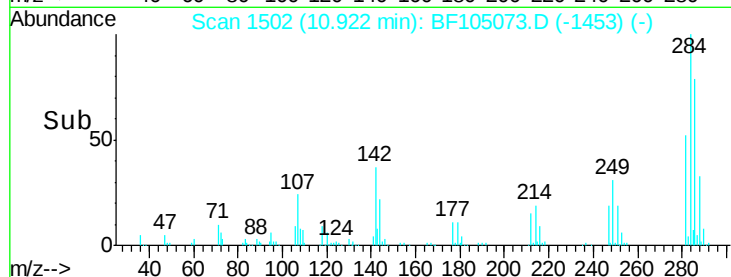
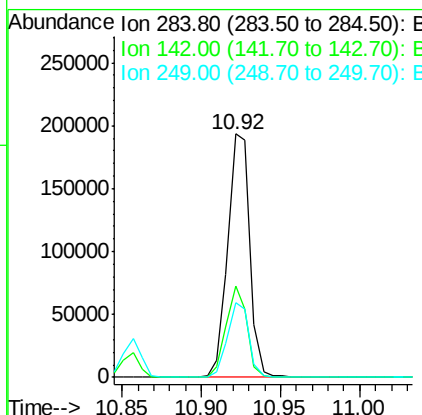
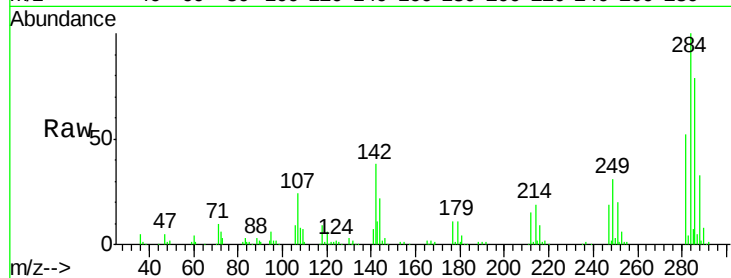




#67
Hexachlorobenzene
Concen: 45.21 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

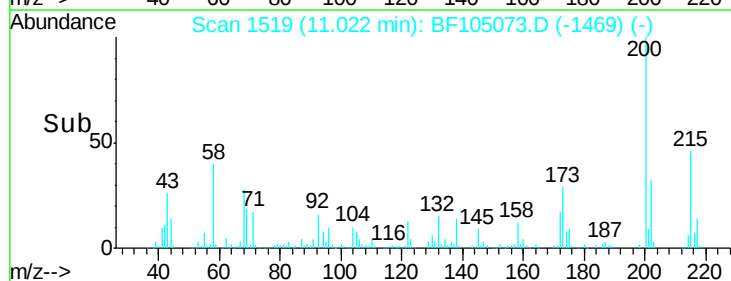
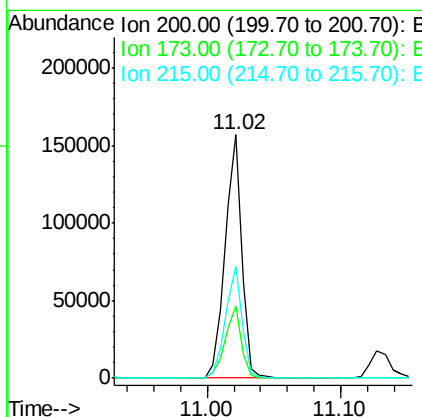
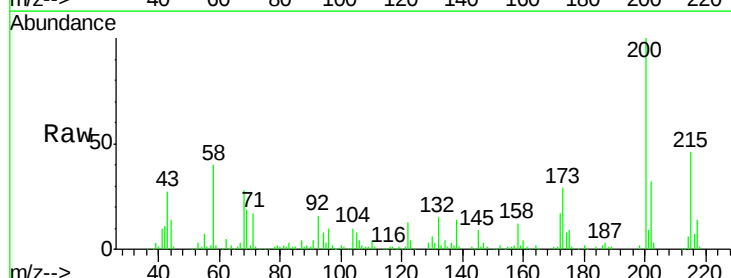
Instrument :
BNA_F
ClientSampleId :

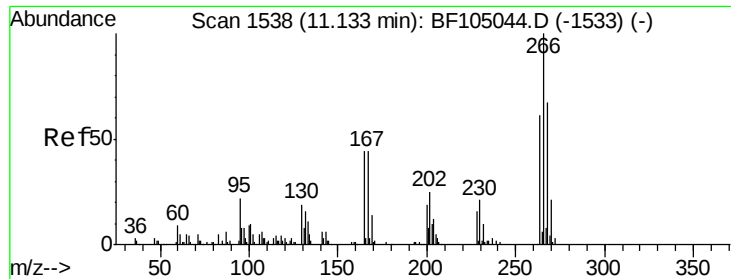
Tot Ion:284 Resp: 186855
Ion Ratio Lower Upper
284 100
142 37.6 34.6 52.0
249 30.9 24.8 37.2



#68
Atrazine
Concen: 38.58 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:200 Resp: 139424
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 46.0 25.1 65.1

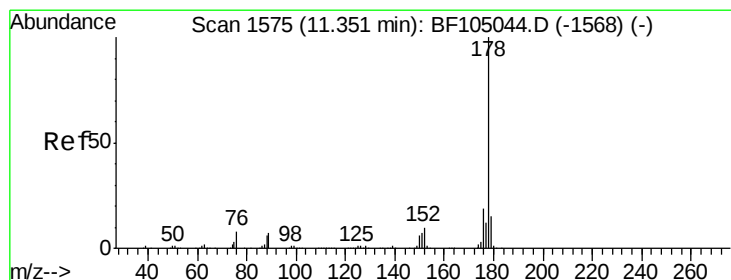
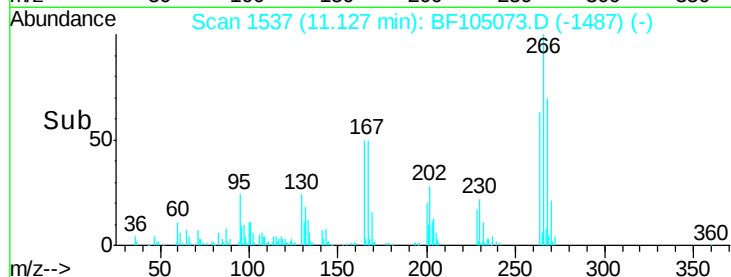
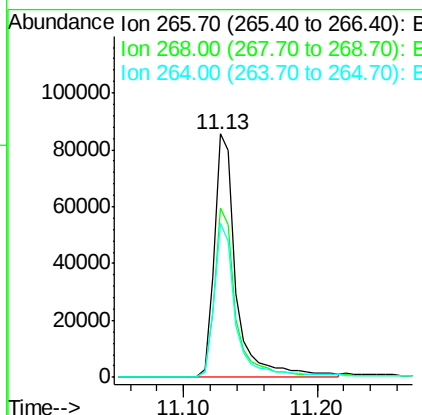
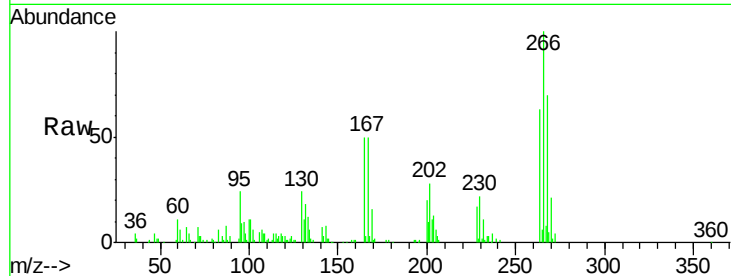




#69
 Pentachlorophenol
 Concen: 38.92 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

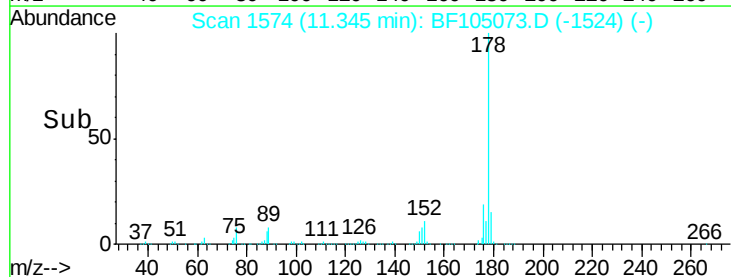
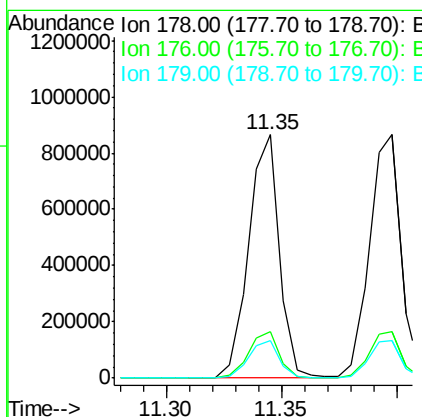
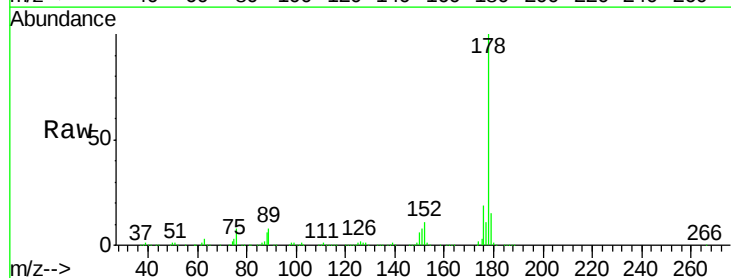
Instrument :
 BNA_F
 ClientSampled :

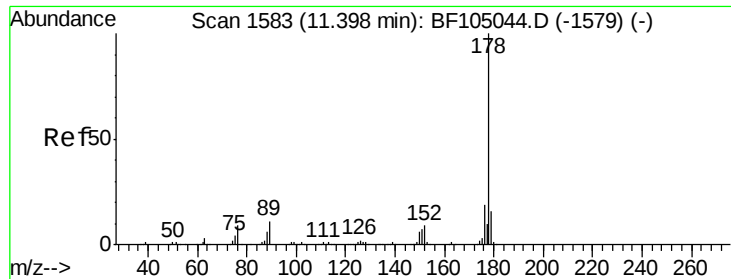
Tot Ion:266 Resp: 99515
 Ion Ratio Lower Upper
 266 100
 268 69.7 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 41.84 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:178 Resp: 804641
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.2 13.0 19.6

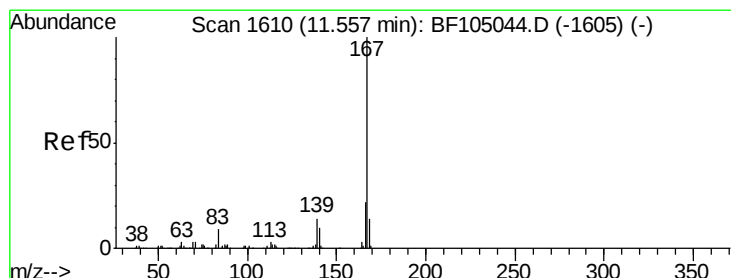
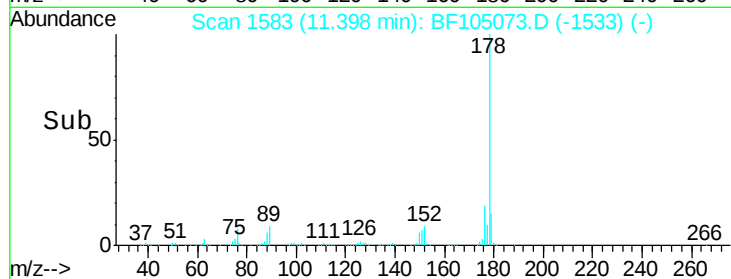
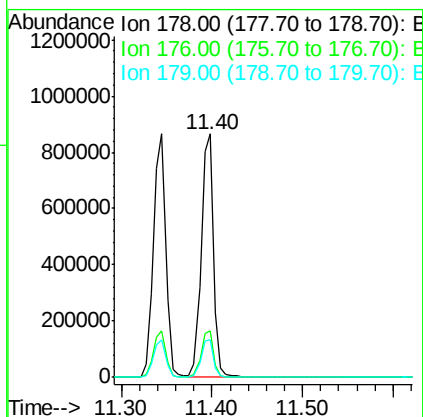
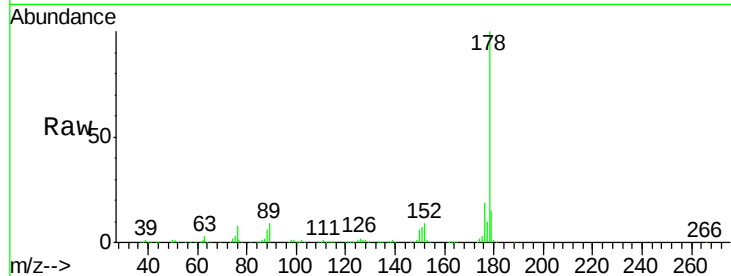




#71
 Anthracene
 Concen: 42.29 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

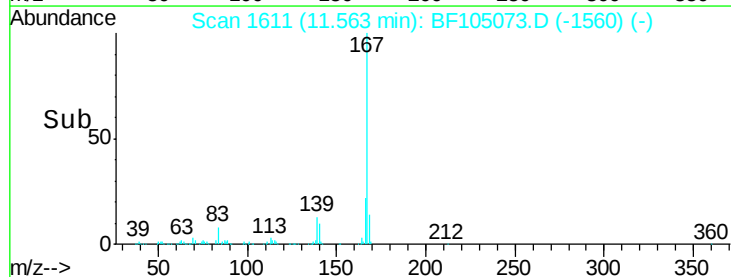
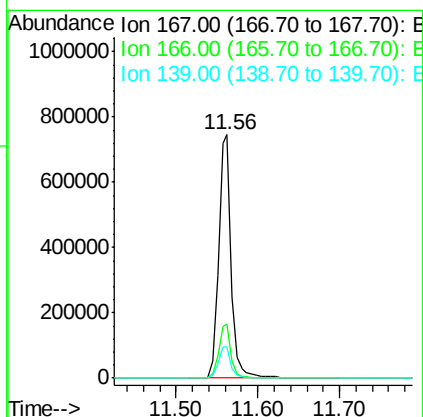
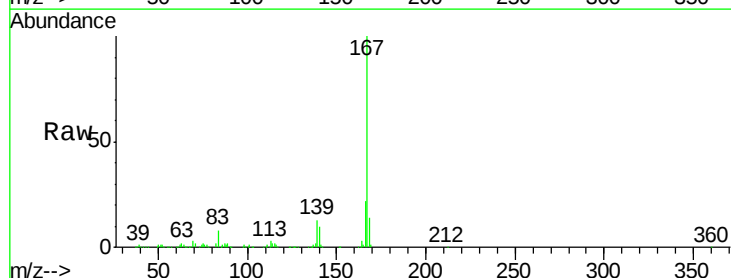
Instrument :
 BNA_F
 ClientSampleId :

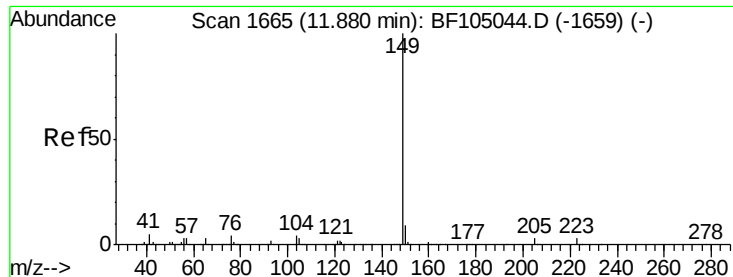
Tot Ion:178 Resp: 826808
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 41.55 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:167 Resp: 793718
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.02 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

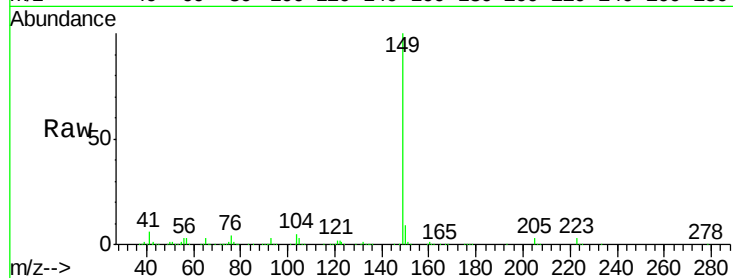
Tot Ion:149 Resp: 980516

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

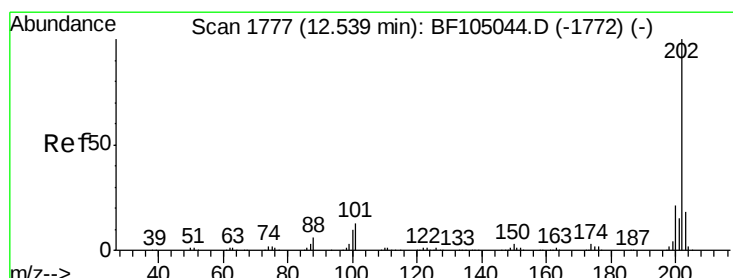
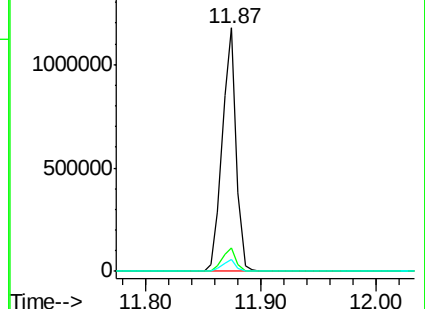
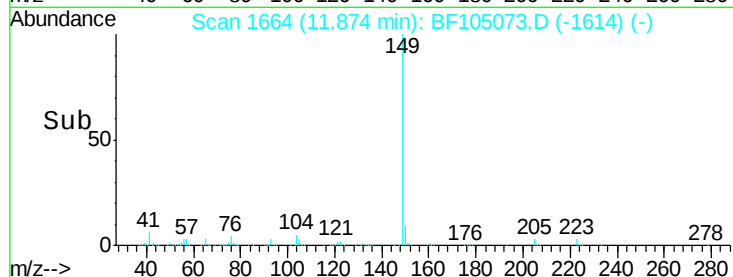
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.43 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

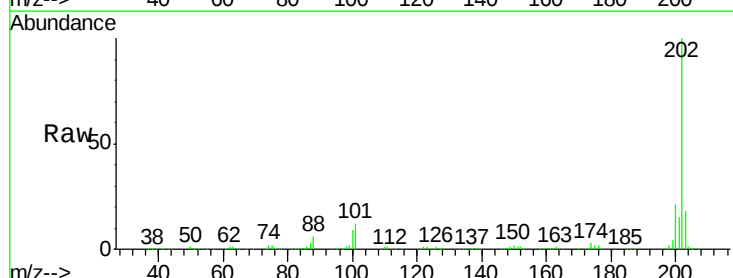
Tgt Ion:202 Resp: 832360

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

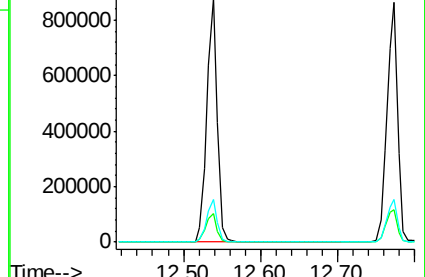
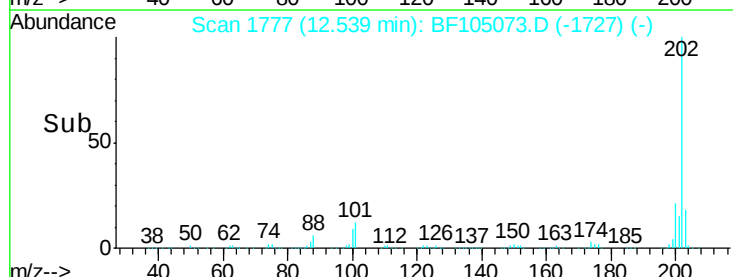
203 17.6 0.0 38.1

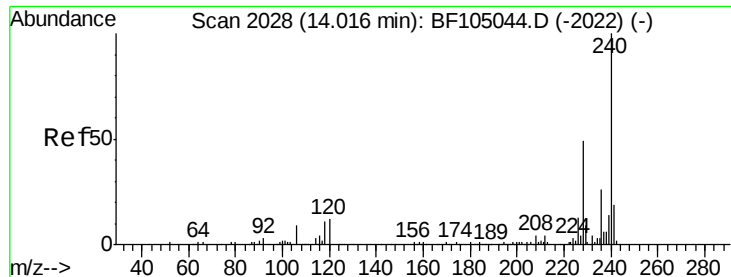


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

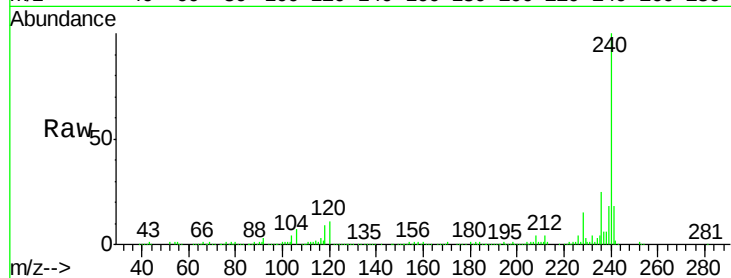
Tot Ion:240 Resp: 248832

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

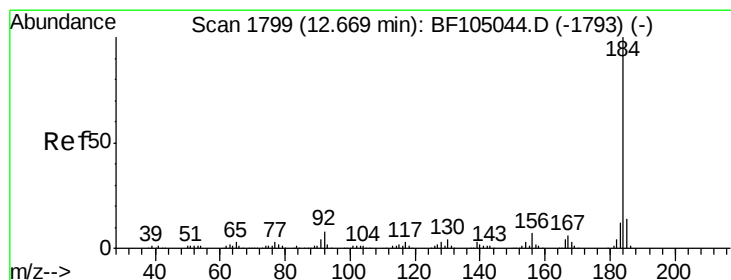
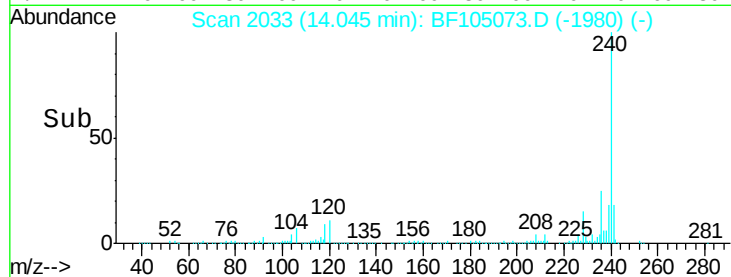
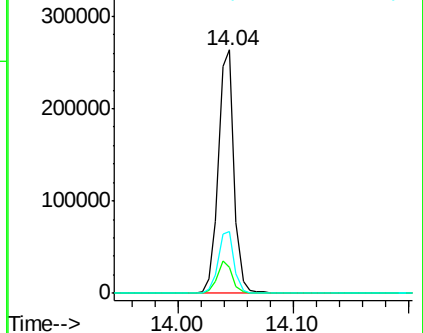
236 25.4 20.7 31.1



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



#76

Benzidine

Concen: 32.88 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

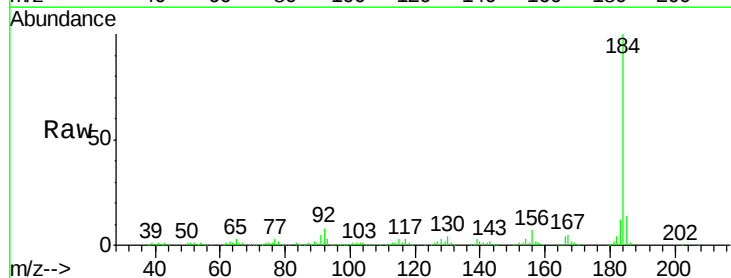
Tgt Ion:184 Resp: 292327

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

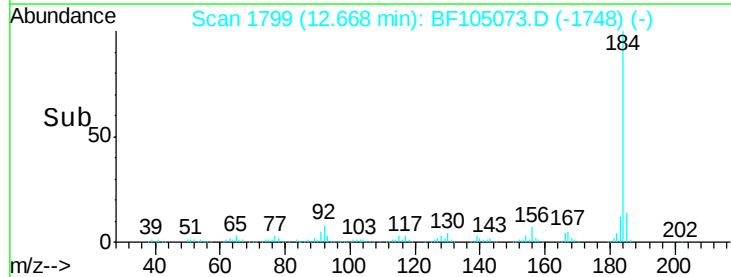
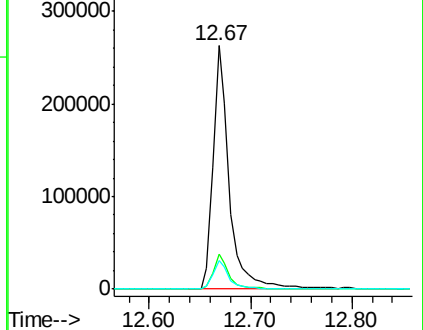
183 11.8 9.3 13.9

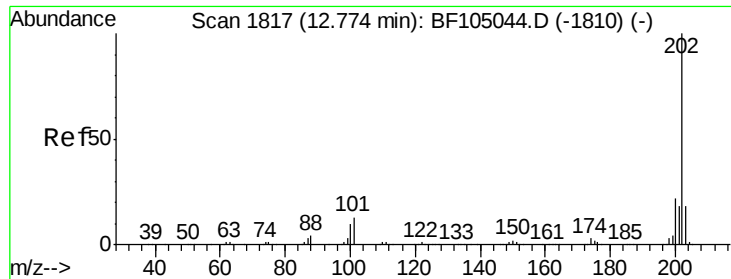


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

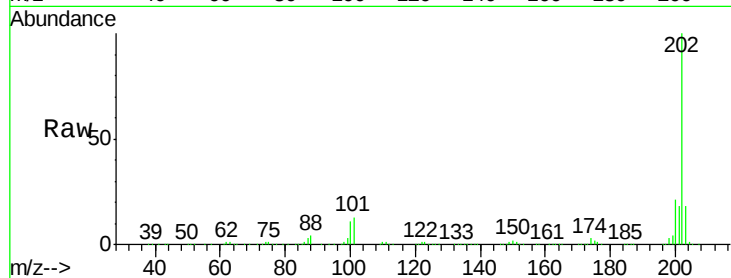




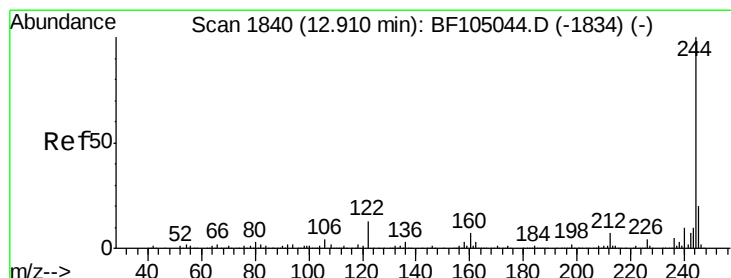
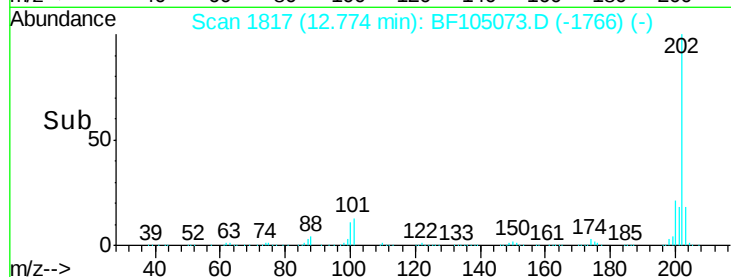
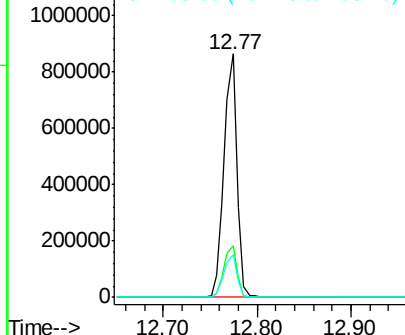
#77
 Pvrene
 Concen: 45.38 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 837038
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.4 26.2
 203 17.5 14.3 21.5

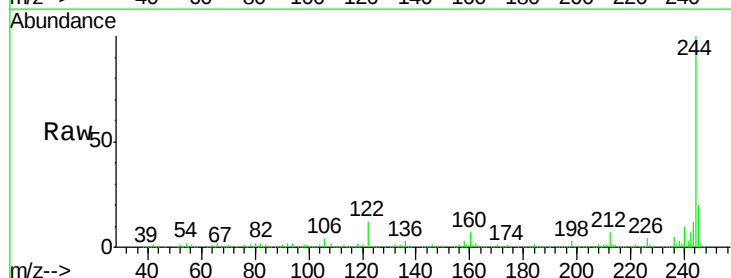


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

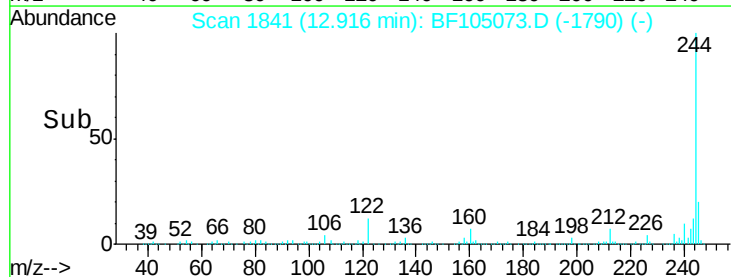
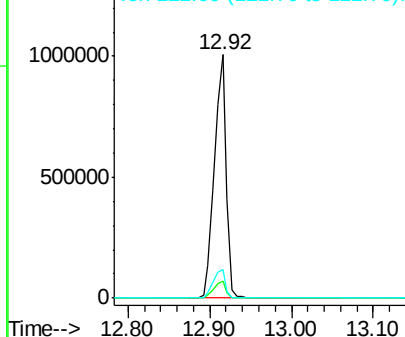


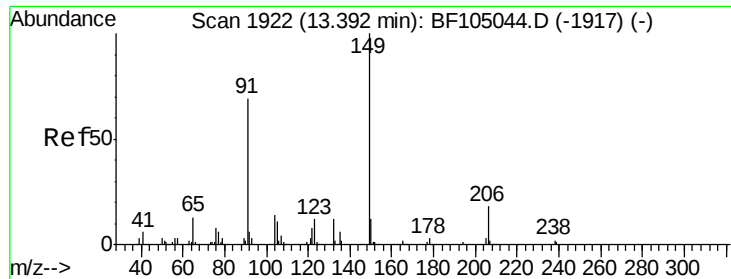
#78
 Terphenyl-d14
 Concen: 93.11 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:244 Resp: 1016290
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

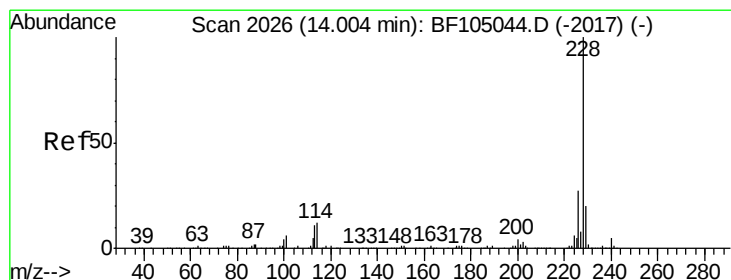
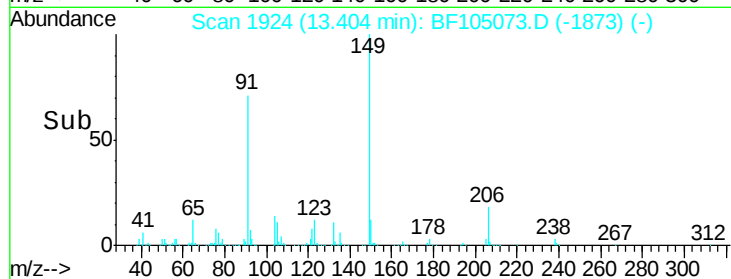
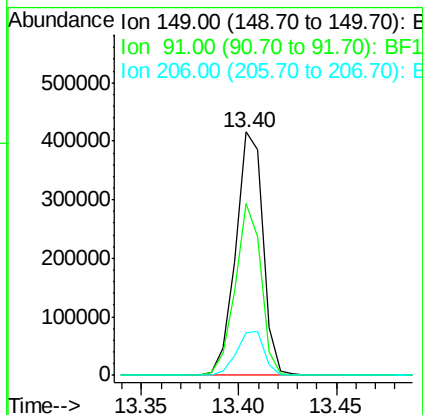
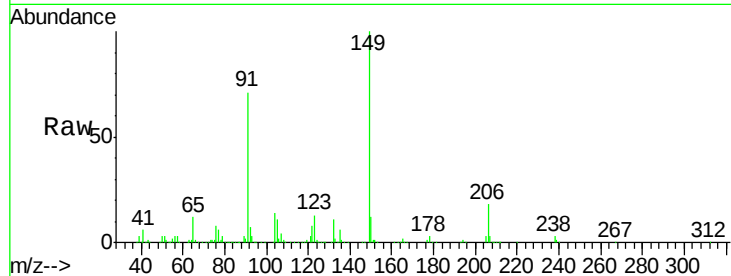




#79
Butylbenzylphthalate
Concen: 46.24 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

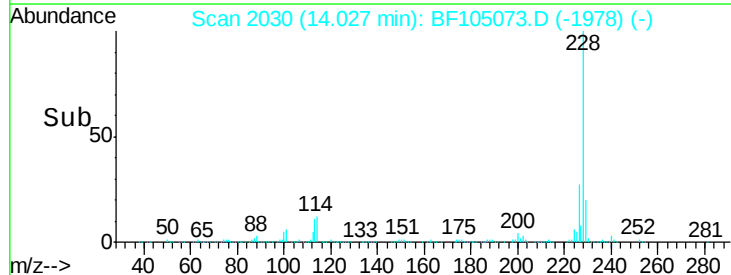
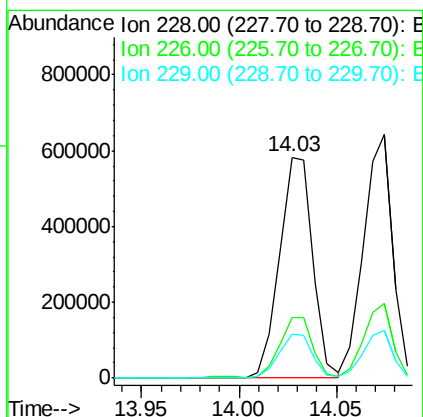
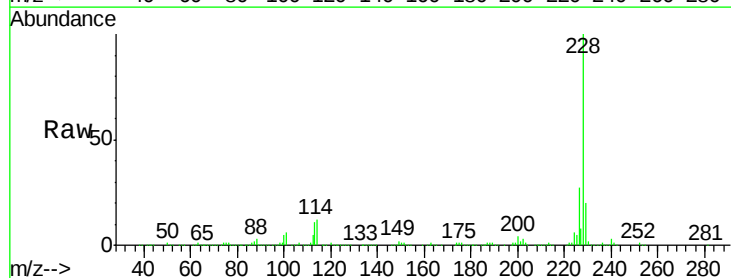
Instrument :
BNA_F
ClientSampled :

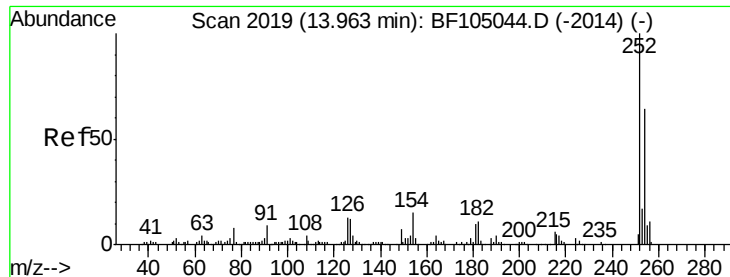
Tot Ion:149 Resp: 401837
Ion Ratio Lower Upper
149 100
91 70.6 56.8 85.2
206 17.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.16 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:228 Resp: 686153
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.8 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 42.61 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

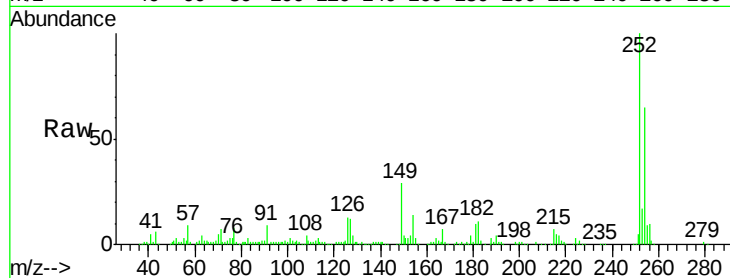
Tot Ion:252 Resp: 236170

Ion Ratio Lower Upper

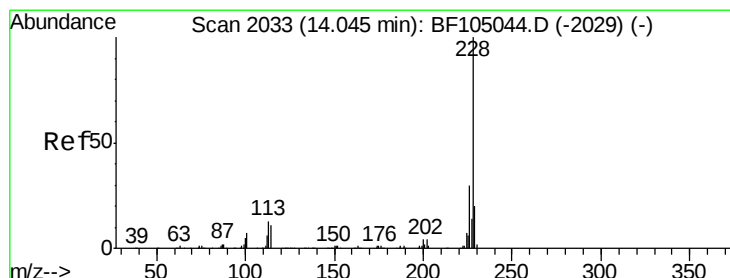
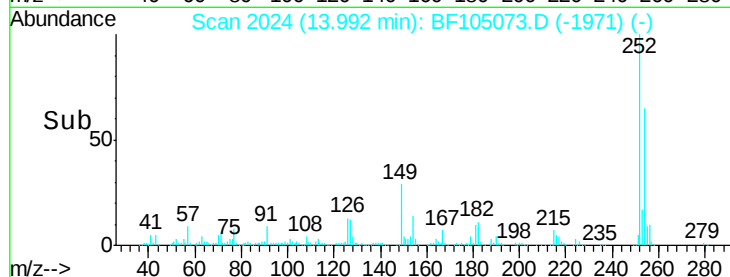
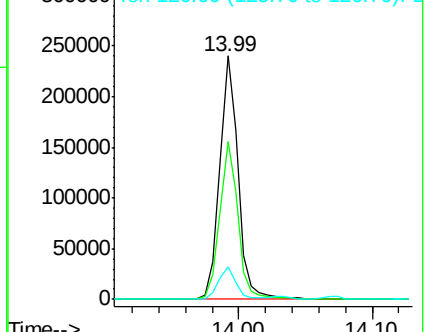
252 100

254 64.6 50.4 75.6

126 13.3 11.3 16.9



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



#82

Chrysene

Concen: 43.72 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

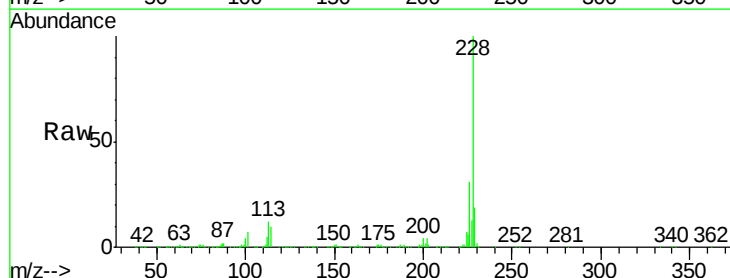
Tgt Ion:228 Resp: 667511

Ion Ratio Lower Upper

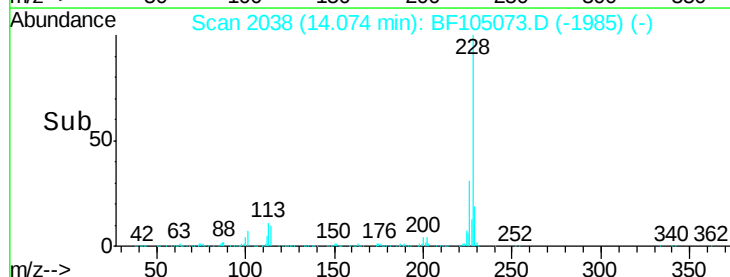
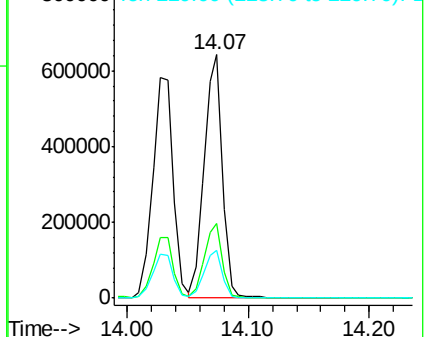
228 100

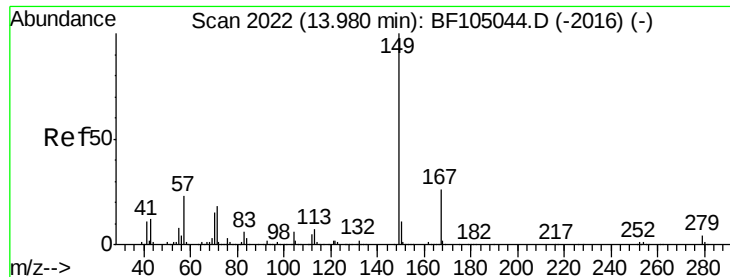
226 30.5 25.0 37.6

229 19.5 16.2 24.4



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

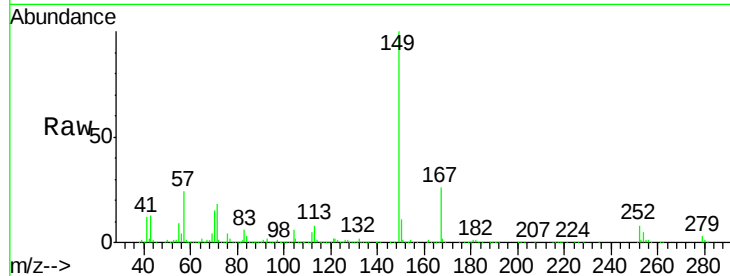




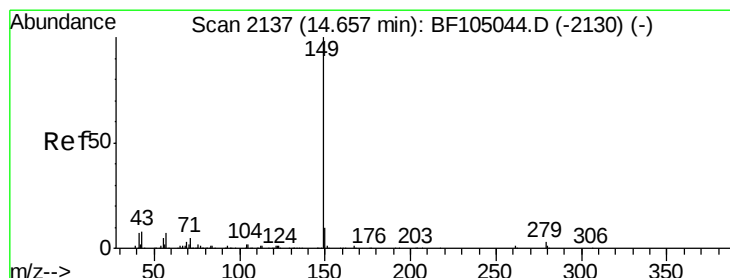
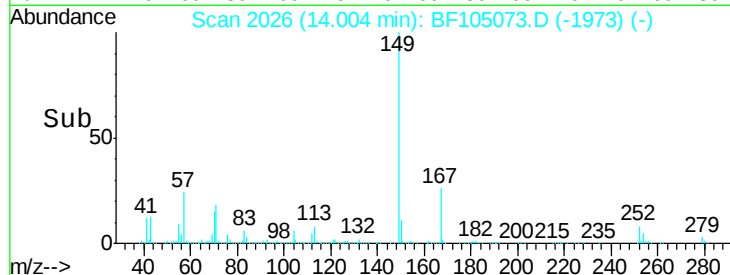
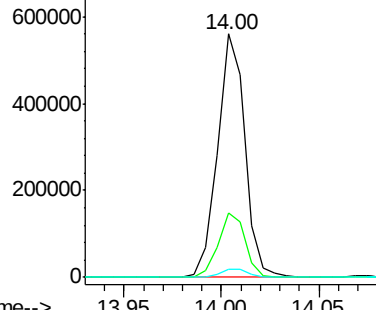
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.61 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.1	3.0	4.4

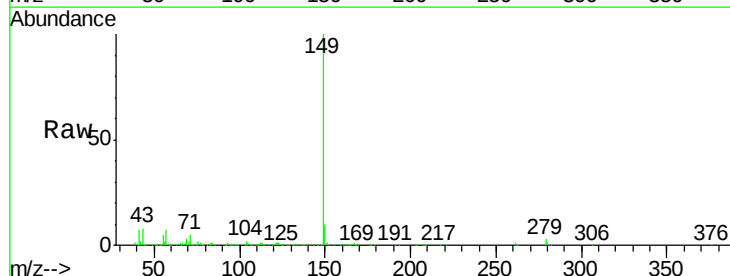


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

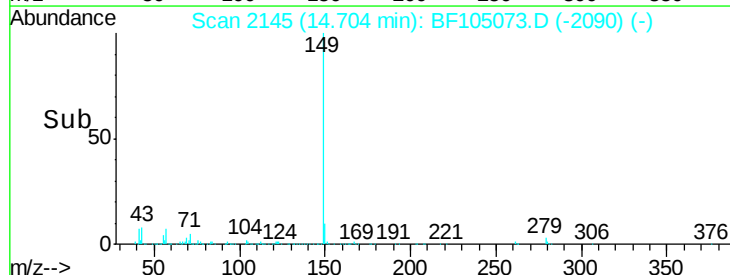
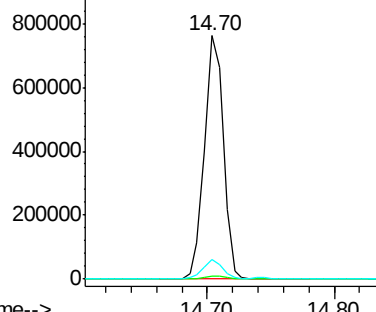


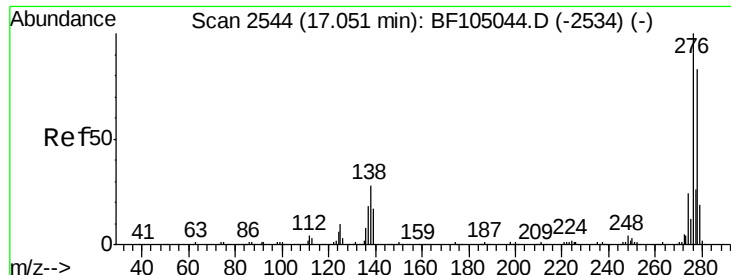
#84
 Di-n-octyl phthalate
 Concen: 41.73 ng
 RT: 14.70 min Scan# 2145
 Delta R.T. 0.02 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.7	8.4	12.6#



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

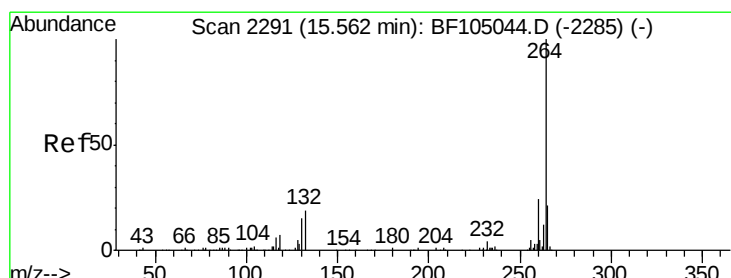
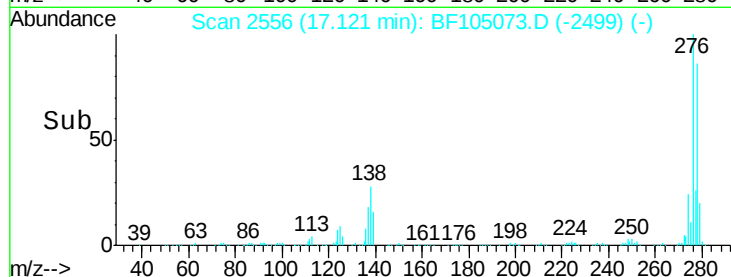
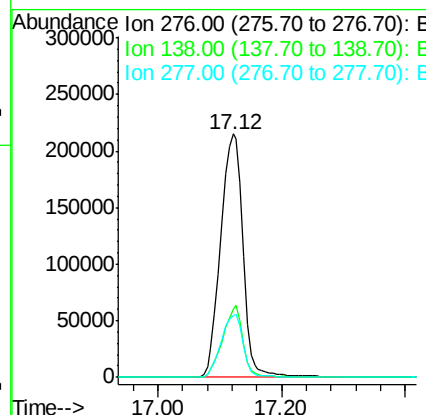
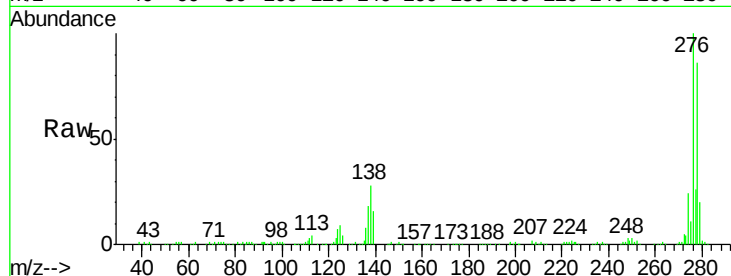




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.79 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.04 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

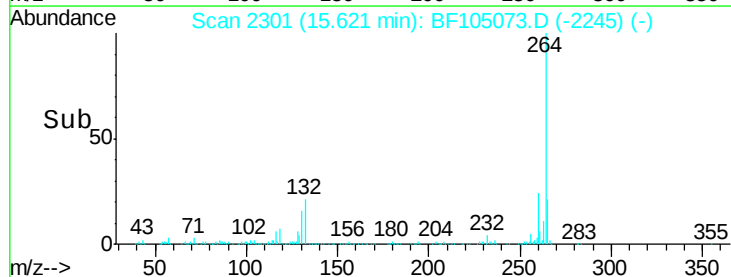
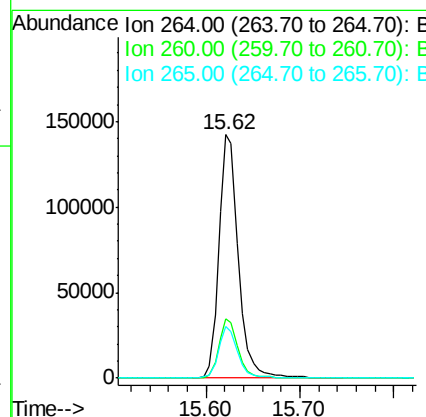
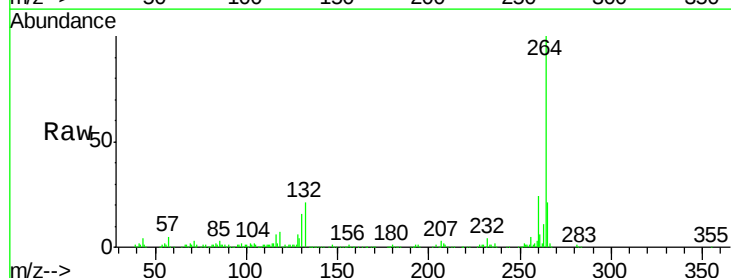
Instrument :
BNA_F
ClientSampled :

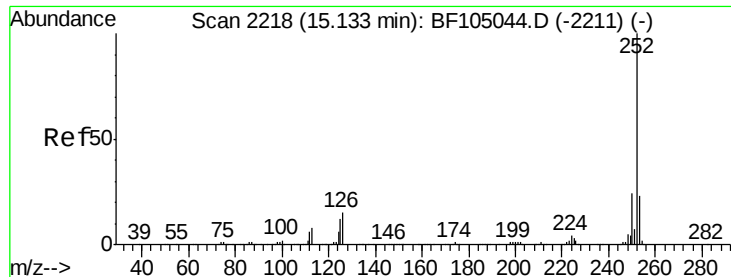
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.0	37.6
277	25.5	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.03 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.1	17.5	26.3

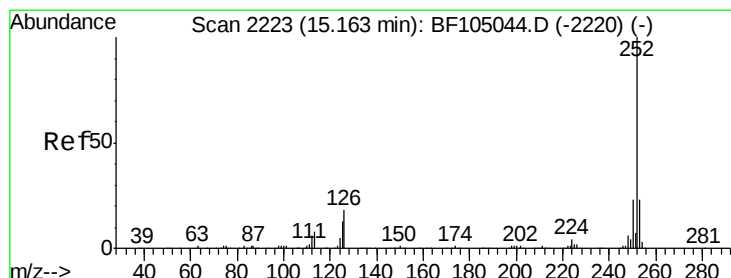
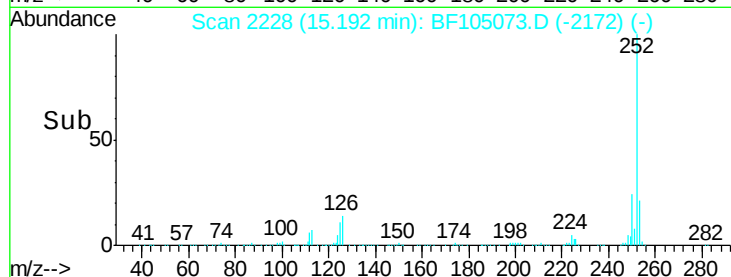
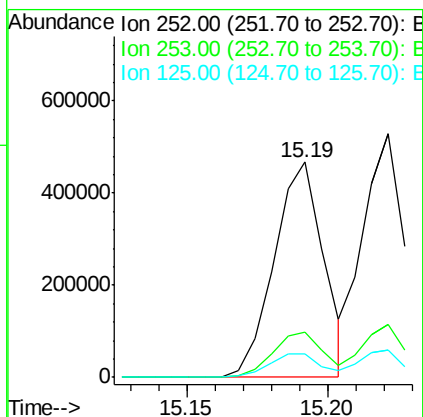
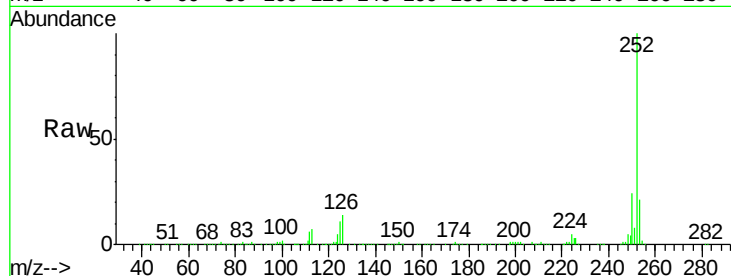




#87
Benzo(b)fluoranthene
Concen: 43.70 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.03 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

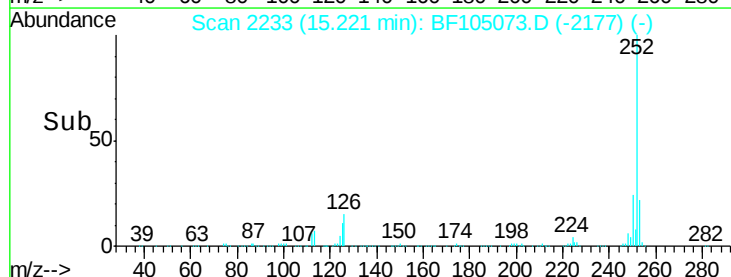
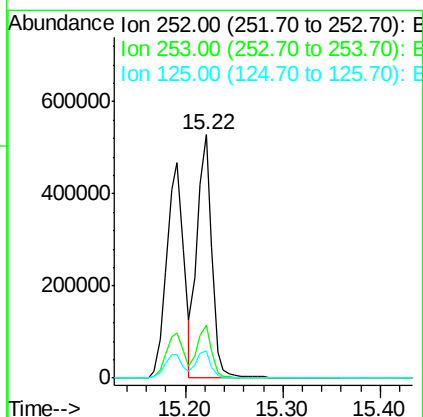
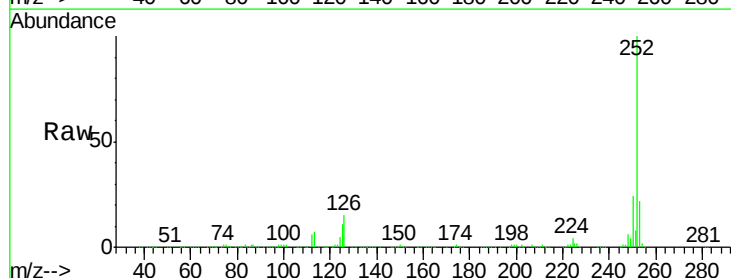
Instrument :
BNA_F
ClientSampleId :

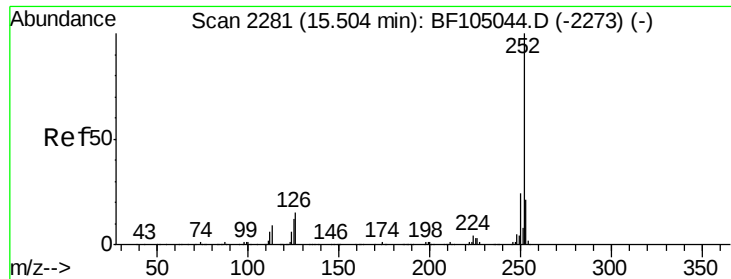
Tot Ion:252 Resp: 568933
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.87 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.03 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:252 Resp: 551445
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.2 10.2 15.2

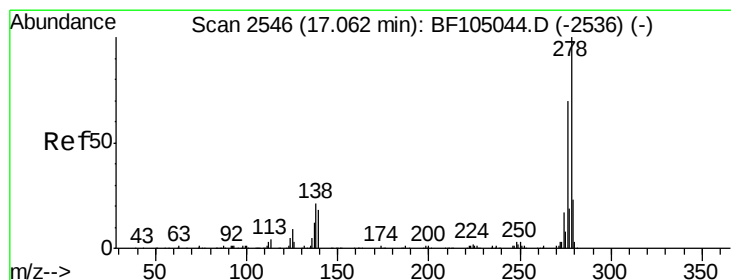
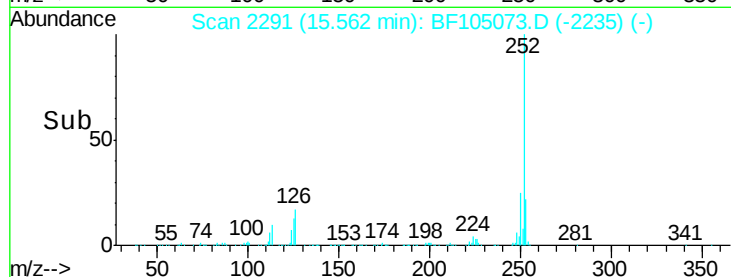
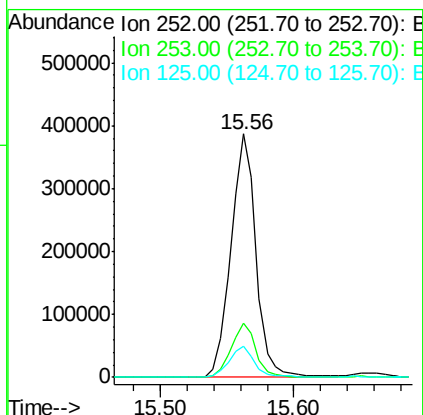
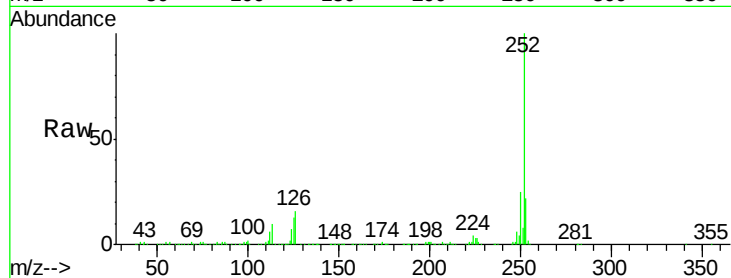




#89
Benzo(a)pyrene
Concen: 43.79 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.03 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

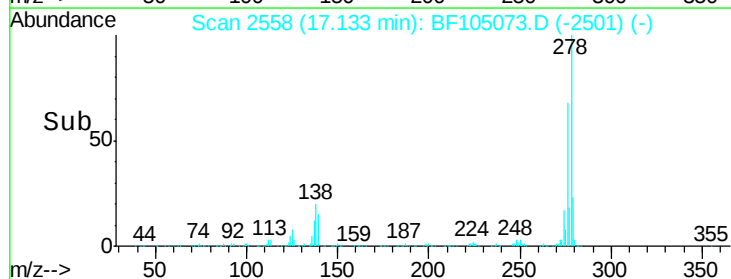
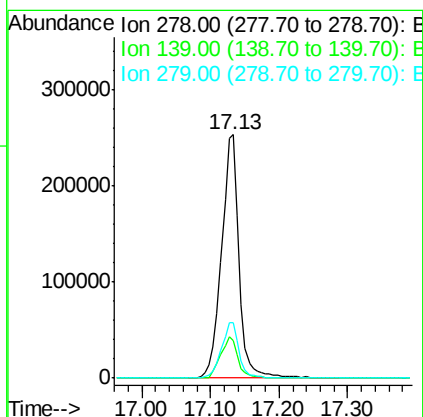
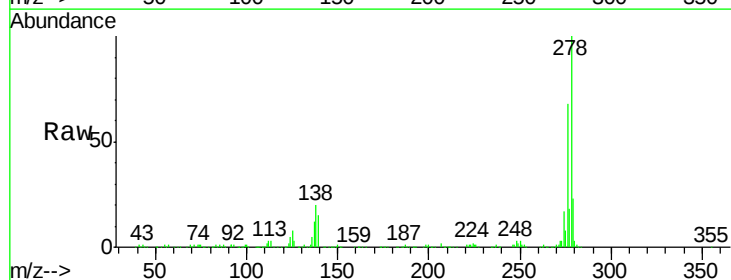
Instrument :
BNA_F
ClientSampleId :

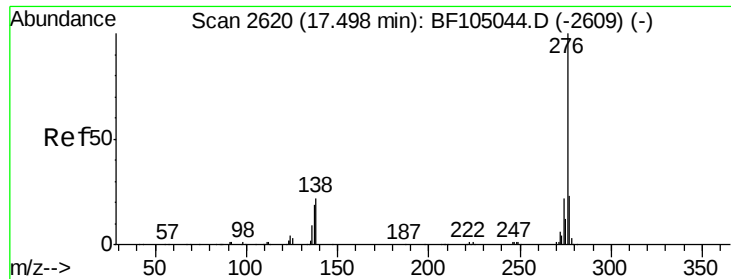
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.8	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 47.12 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.04 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.9	23.9#
279	22.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 47.54 ng

RT: 17.57 min Scan# 2632

Delta R.T. 0.04 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

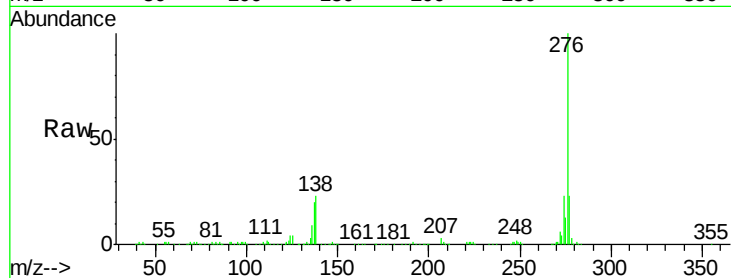
Tot Ion:276 Resp: 440630

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 23.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

