

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105017.D
 Acq On : 2 May 2018 7:47
 Operator : JU/SJ
 Sample : PB108770BSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

Quant Time: May 02 09:01:01 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118872	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	507911	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	235882	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	385160	20.00	ng	0.00
75) Chrysene-d12	14.02	240	248143	20.00	ng	0.05
86) Perylene-d12	15.57	264	223111	20.00	ng	0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	593387	76.33	ng	0.00
7) Phenol-d6	6.43	99	722020	75.59	ng	0.00
23) Nitrobenzene-d5	7.36	82	626067	80.49	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	178807	73.08	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1186330	79.45	ng	0.00
78) Terphenyl-d14	12.92	244	935839	85.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	101367	27.983	ng	# 88
3) Pyridine	3.30	79	285671	28.049	ng	# 83
4) n-Nitrosodimethylamine	3.27	42	110563	31.055	ng	# 77
6) Aniline	6.45	93	139043	10.477	ng	# 1
8) 2-Chlorophenol	6.58	128	307458	37.470	ng	91
9) Benzaldehyde	6.34	77	93374	15.506	ng	95
10) Phenol	6.45	94	358742	35.396	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	277439	34.303	ng	93
12) 1,3-Dichlorobenzene	6.73	146	316092	34.004	ng	99
13) 1,4-Dichlorobenzene	6.80	146	321985	34.748	ng	98
14) 1,2-Dichlorobenzene	6.96	146	298697	34.784	ng	99
15) Benzyl Alcohol	6.94	79	233226	32.147	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	308782	28.429	ng	53
17) 2-Methylphenol	7.05	107	248301	34.812	ng	# 93
18) Hexachloroethane	7.30	117	109102	33.023	ng	95
19) n-Nitroso-di-n-propylamine	7.21	70	193072	30.932	ng	91
20) 3+4-Methylphenols	7.21	107	310994	35.156	ng	# 83
22) Acetophenone	7.20	105	400572	32.034	ng	99
24) Nitrobenzene	7.38	77	299245	34.845	ng	94
25) Isophorone	7.62	82	548644	33.355	ng	99
26) 2-Nitrophenol	7.69	139	163970	46.901	ng	94
27) 2,4-Dimethylphenol	7.73	122	264636	36.455	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	355616	35.361	ng	99
29) 2,4-Dichlorophenol	7.94	162	256354	37.011	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	260693	34.295	ng	99
31) Naphthalene	8.10	128	862706	34.111	ng	100
32) Benzoic acid	7.87	122	113517	19.599	ng	98
33) 4-Chloroaniline	8.15	127	66232	6.113	ng	96
34) Hexachlorobutadiene	8.20	225	142817	34.301	ng	97
35) Caprolactam	8.53	113	79408	32.864	ng	# 75
36) 4-Chloro-3-methylphenol	8.65	107	268862	36.201	ng	99
37) 2-Methylnaphthalene	8.79	142	580796	35.502	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	252013	37.323	ng	99
40) Hexachlorocyclopentadiene	8.93	237	60588	16.028	ng	98

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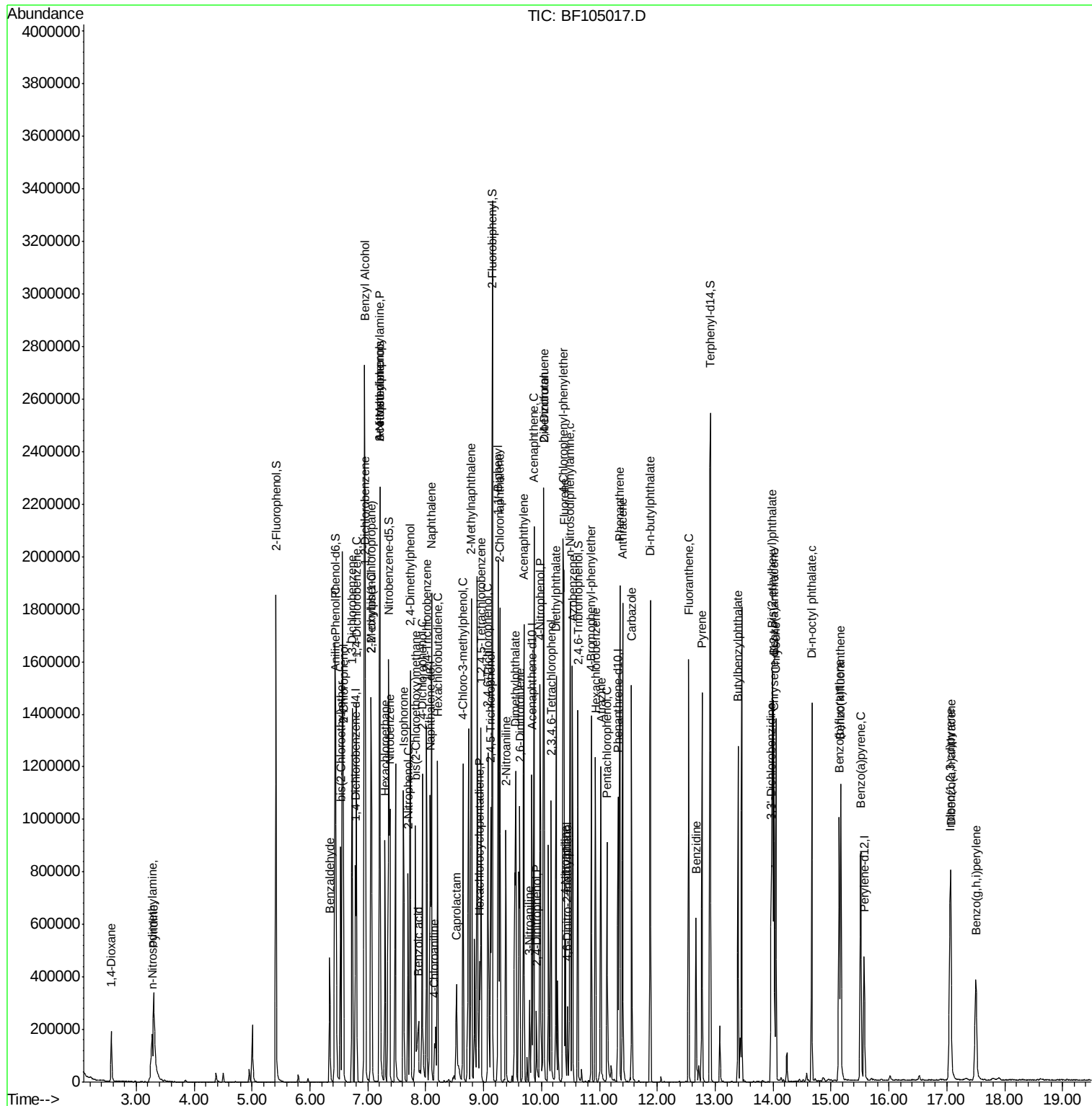
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	168271	35.899	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	181042	34.515	ng	93
45) 1,1'-Biphenyl	9.25	154	687354	34.687	ng	98
46) 2-Chloronaphthalene	9.28	162	536959	34.306	ng	100
47) 2-Nitroaniline	9.39	65	152898	39.501	ng	87
48) Acenaphthylene	9.70	152	787340	32.061	ng	100
49) Dimethylphthalate	9.55	163	655098	35.218	ng	100
50) 2,6-Dinitrotoluene	9.63	165	140483	40.815	ng	# 86
51) Acenaphthene	9.87	154	464500	31.001	ng	100
52) 3-Nitroaniline	9.79	138	53119	13.183	ng	99
53) 2,4-Dinitrophenol	9.91	184	43320	40.841	ng	# 23
54) Dibenzofuran	10.04	168	677362	32.440	ng	97
55) 4-Nitrophenol	9.97	139	166286	52.534	ng	97
56) 2,4-Dinitrotoluene	10.03	165	170780	37.827	ng	94
57) Fluorene	10.39	166	550133	36.196	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	129761	33.160	ng	93
59) Diethylphthalate	10.25	149	619320	33.431	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	260278	38.453	ng	95
61) 4-Nitroaniline	10.42	138	122489	31.089	ng	95
62) Azobenzene	10.53	77	546385	30.871	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	39141	25.019	ng	78
65) n-Nitrosodiphenylamine	10.49	169	498547	37.332	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	158628	38.719	ng	93
67) Hexachlorobenzene	10.93	284	168462	36.544	ng	# 89
68) Atrazine	11.03	200	161497	40.064	ng	99
69) Pentachlorophenol	11.13	266	120368	42.207	ng	98
70) Phenanthrene	11.35	178	728415	33.960	ng	99
71) Anthracene	11.40	178	757030	34.721	ng	99
72) Carbazole	11.56	167	676469	31.750	ng	99
73) Di-n-butylphthalate	11.88	149	916942	35.231	ng	99
74) Fluoranthene	12.54	202	671415	29.960	ng	97
76) Benzidine	12.67	184	276722	30.657	ng	99
77) Pyrene	12.77	202	648544	35.260	ng	99
79) Butylbenzylphthalate	13.40	149	330516	38.142	ng	93
80) Benzo(a)anthracene	14.01	228	554445	37.401	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	172495	31.208	ng	98
82) Chrysene	14.05	228	522828	34.336	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	460388	41.306	ng	100
84) Di-n-octyl phthalate	14.67	149	735575	39.497	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.06	276	426814	32.997	ng	96
87) Benzo(b)fluoranthene	15.14	252	522880	37.107	ng	98
88) Benzo(k)fluoranthene	15.17	252	479066	36.011	ng	99
89) Benzo(a)pyrene	15.52	252	467056	37.044	ng	100
90) Dibenzo(a,h)anthracene	17.07	278	366083	35.353	ng	98
91) Benzo(g,h,i)perylene	17.50	276	338887	33.779	ng	96

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

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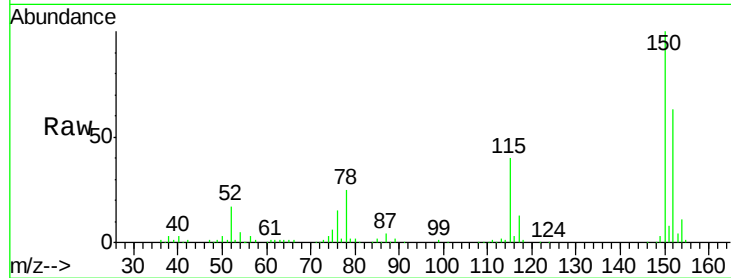


#1

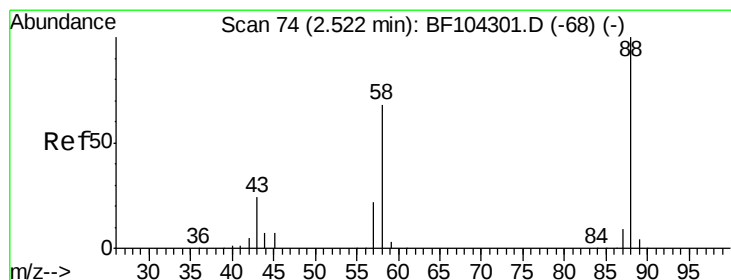
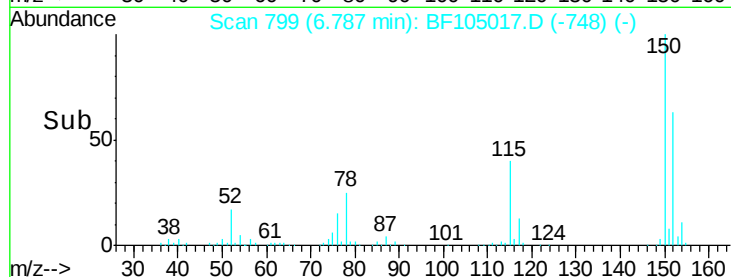
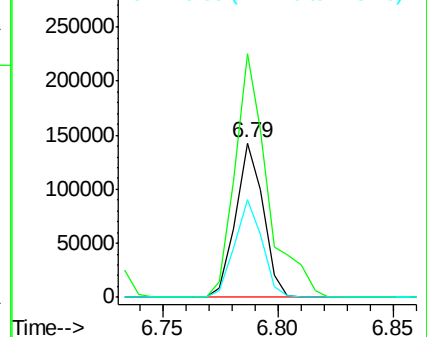
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108770BSD

Tgt Ion: 152 Resp: 118872
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 63.3 50.1 75.1



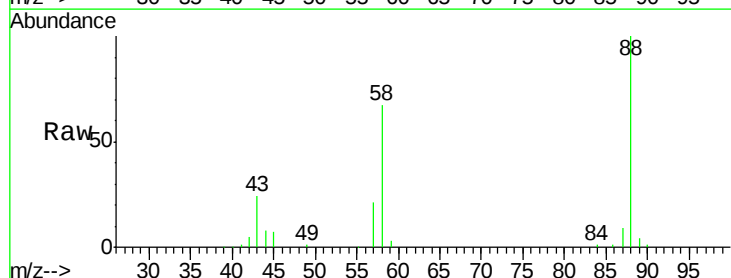
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



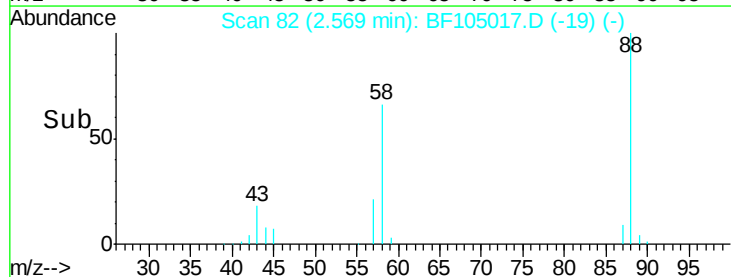
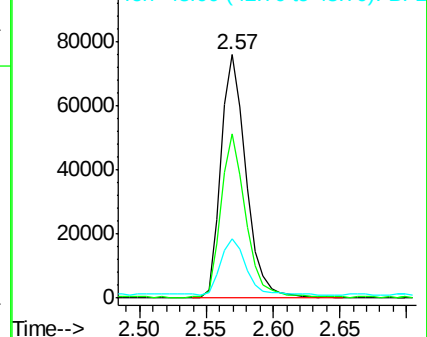
#2

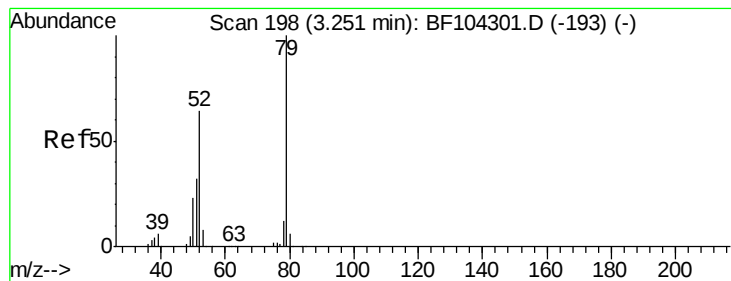
1,4-Dioxane
Concen: 27.983 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion: 88 Resp: 101367
Ion Ratio Lower Upper
88 100
58 67.7 62.6 93.8
43 23.4 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

Pyridine

Concen: 28.049 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.06 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

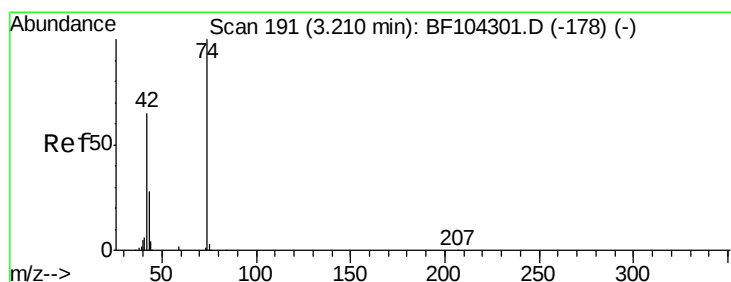
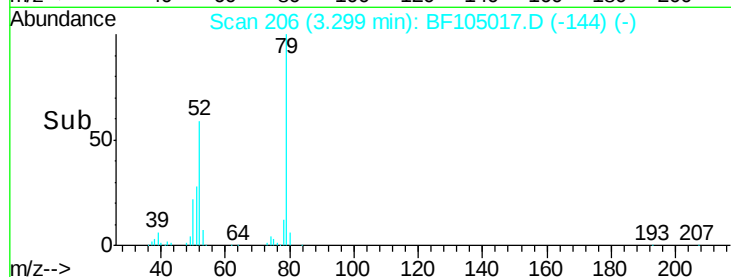
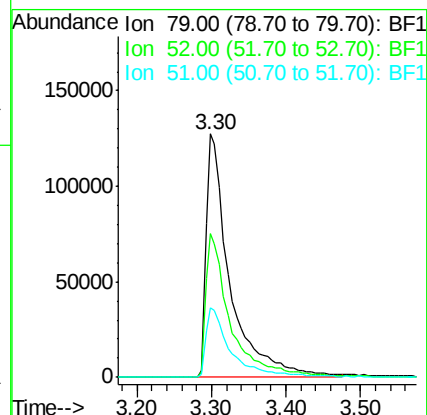
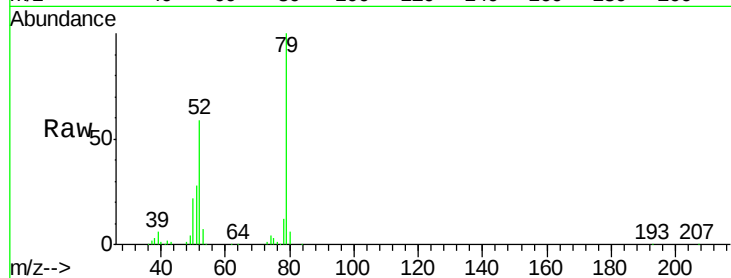
Tgt Ion: 79 Resp: 285671

Ion Ratio Lower Upper

79 100

52 58.8 59.8 89.6#

51 28.3 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 31.055 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.06 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

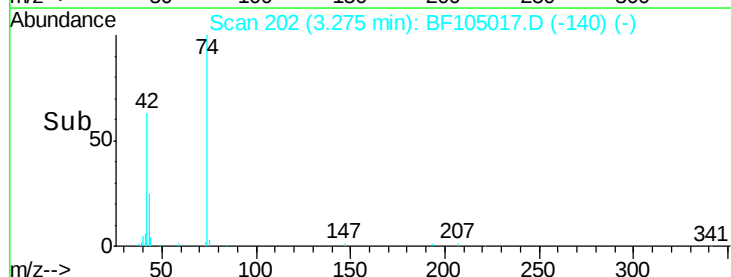
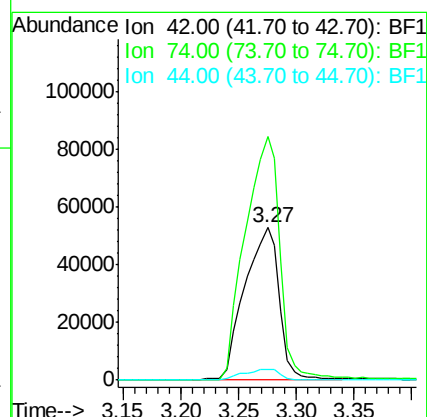
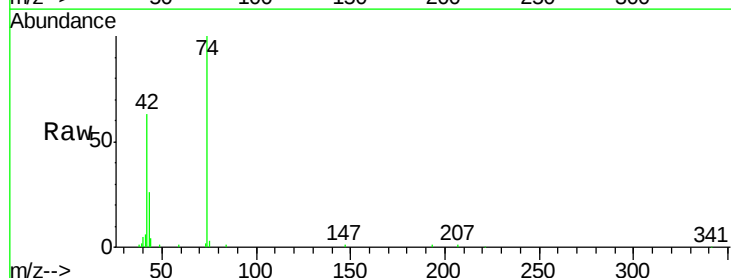
Tgt Ion: 42 Resp: 110563

Ion Ratio Lower Upper

42 100

74 159.7 104.9 157.3#

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 76.328 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

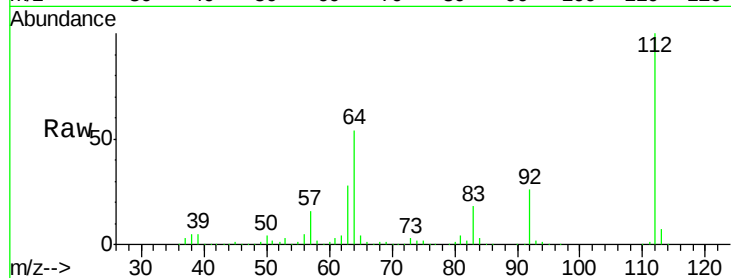
Tgt Ion: 112 Resp: 593387

Ion Ratio Lower Upper

112 100

64 53.9 47.9 71.9

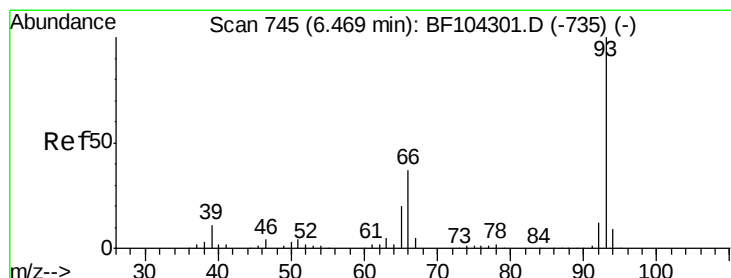
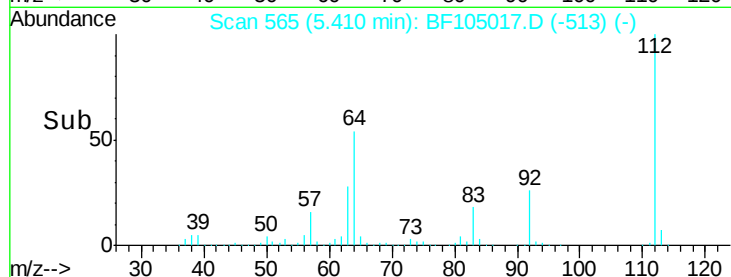
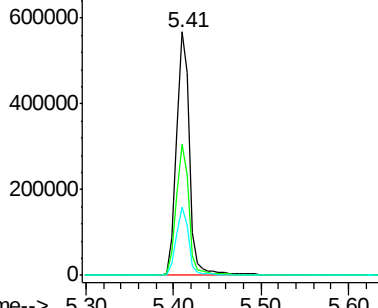
63 28.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.477 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

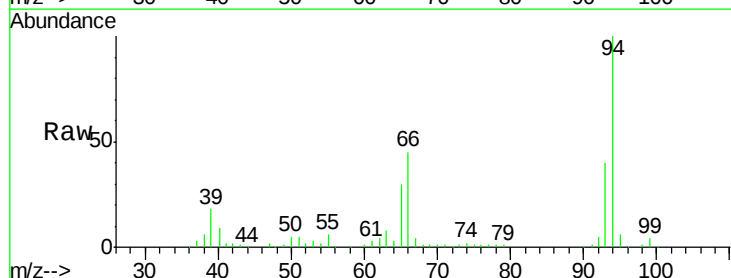
Tgt Ion: 93 Resp: 139043

Ion Ratio Lower Upper

93 100

66 112.4 32.2 48.2#

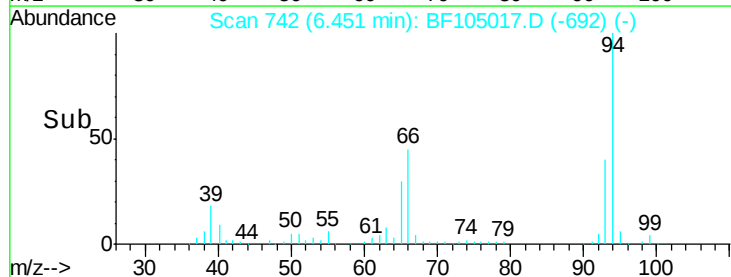
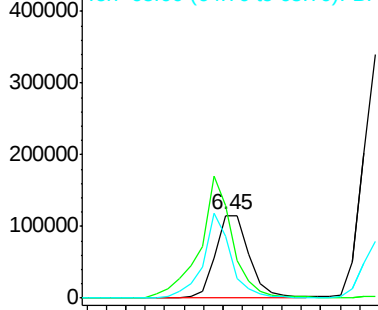
65 74.9 16.4 24.6#



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: 75.589 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

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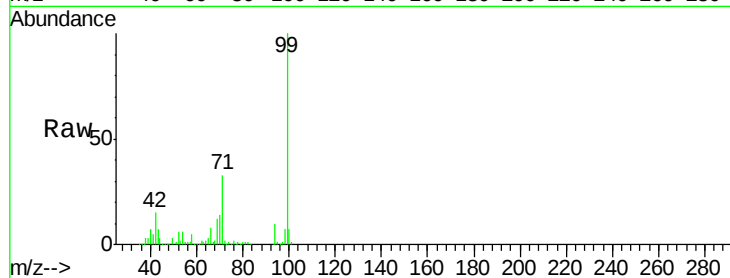
Tgt Ion: 99 Resp: 722020

Ion Ratio Lower Upper

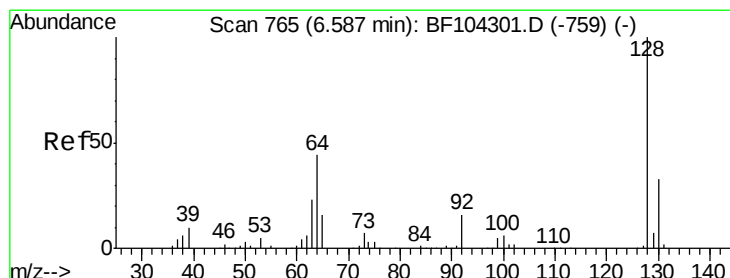
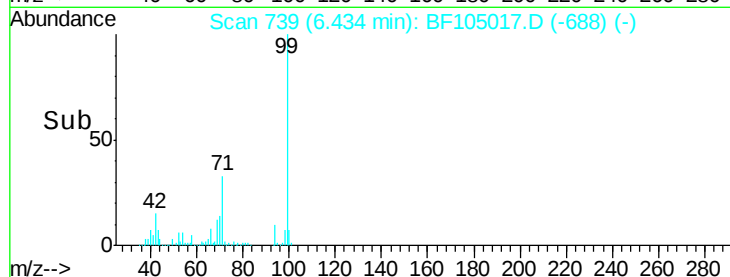
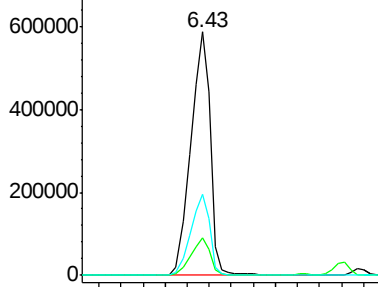
99 100

42 15.4 14.5 21.7

71 33.2 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: 37.470 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

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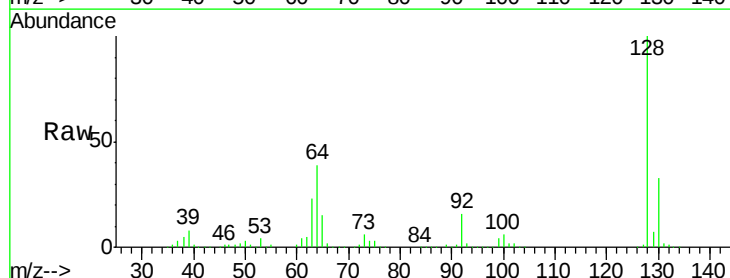
Tgt Ion: 128 Resp: 307458

Ion Ratio Lower Upper

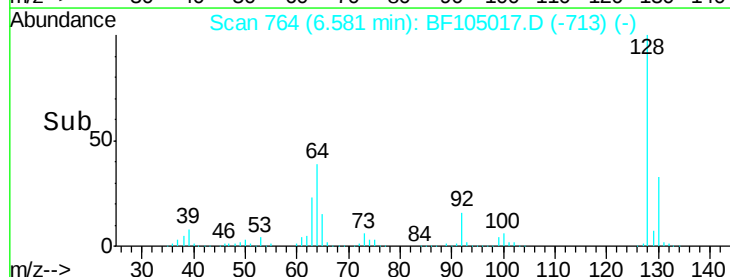
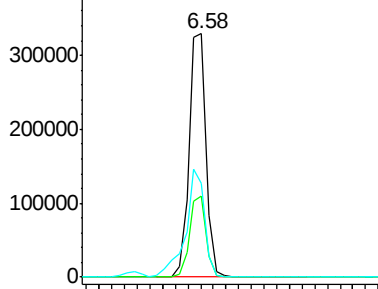
128 100

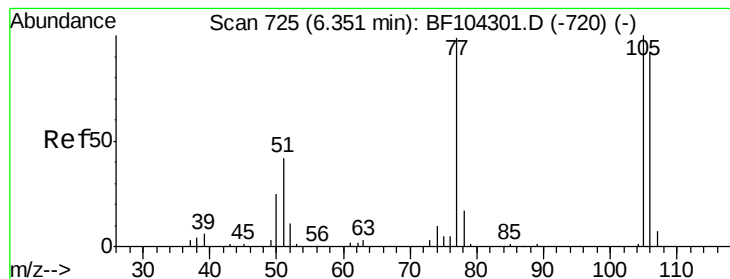
130 33.2 13.0 53.0

64 38.8 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: 15.506 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

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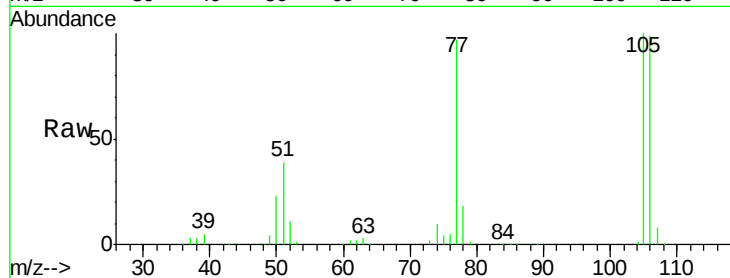
Tgt Ion: 77 Resp: 93374

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

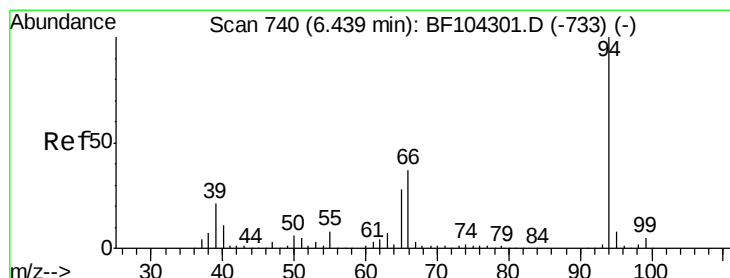
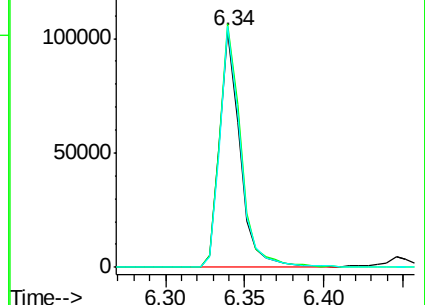
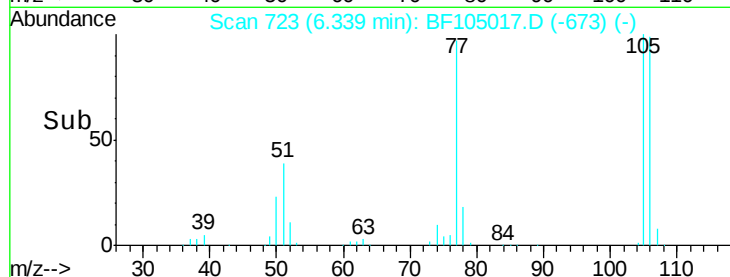
106 101.8 74.5 114.5



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: 35.396 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

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Acq: 2 May 2018 7:47

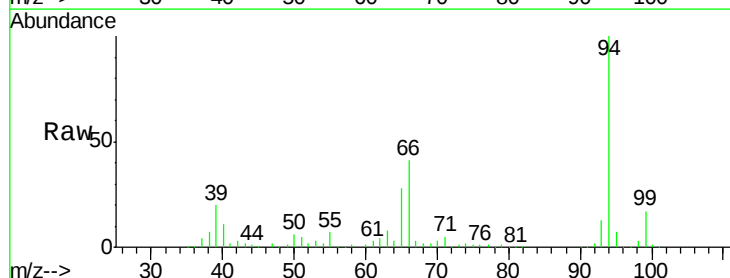
Tgt Ion: 94 Resp: 358742

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

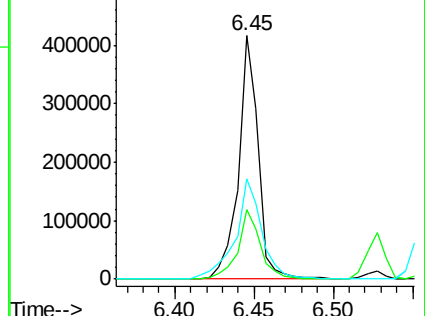
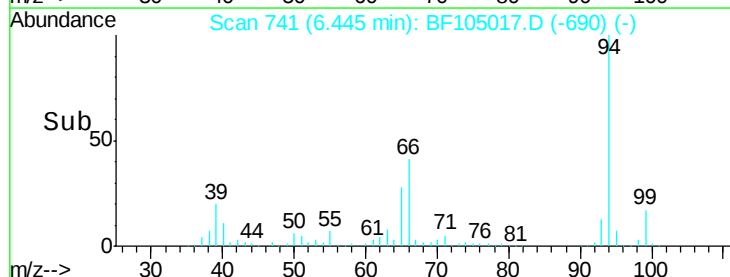
66 41.1 16.2 56.2



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

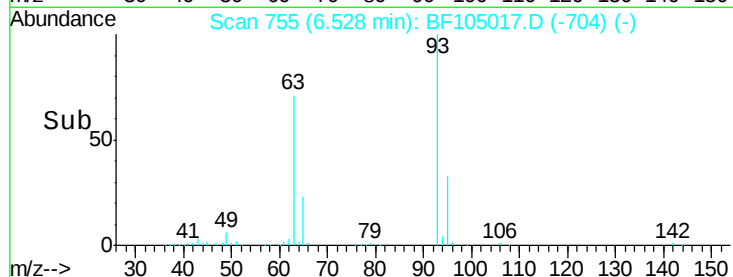
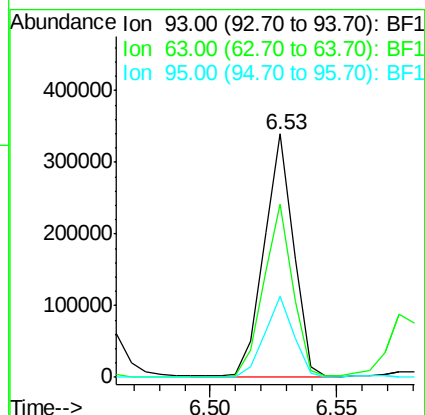
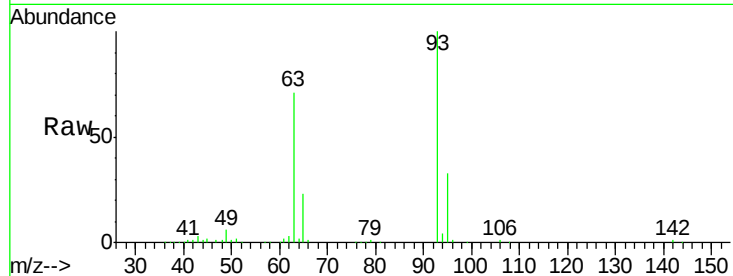




#11
 bis(2-Chloroethyl)ether
 Concen: 34.303 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

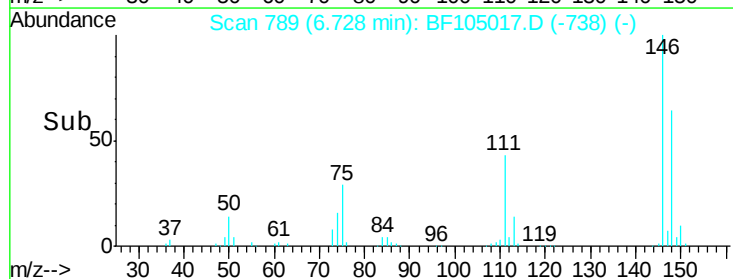
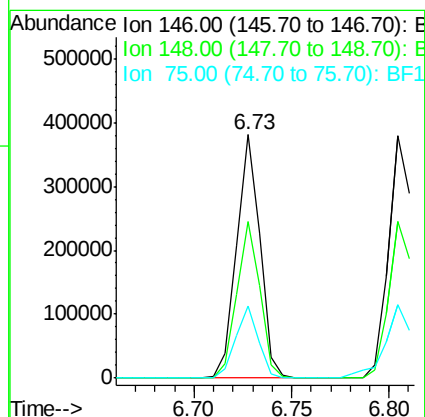
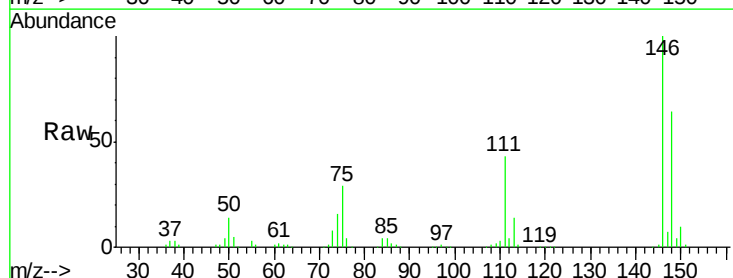
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

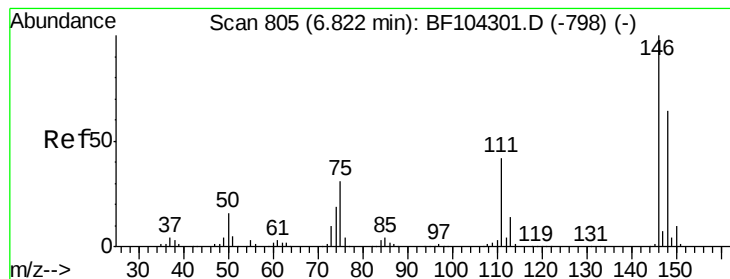
Tgt Ion: 93 Resp: 277439
 Ion Ratio Lower Upper
 93 100
 63 71.1 58.6 98.6
 95 33.4 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 34.004 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion: 146 Resp: 316092
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 75 29.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 34.748 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

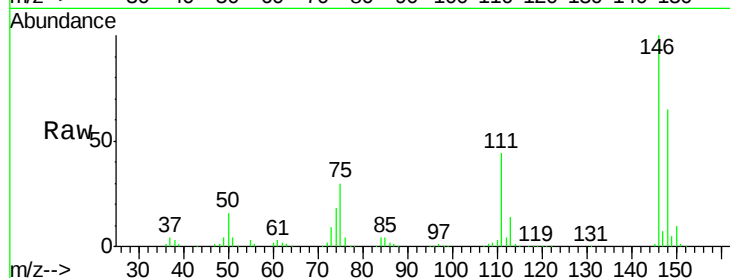
Tgt Ion:146 Resp: 321985

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

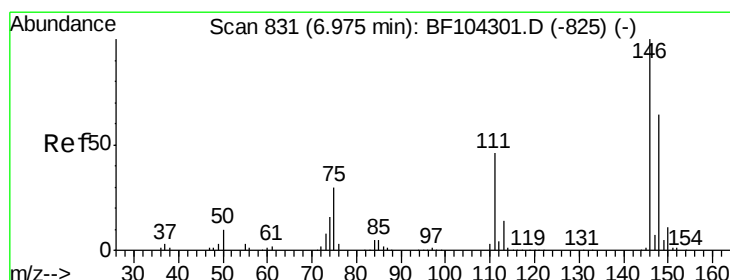
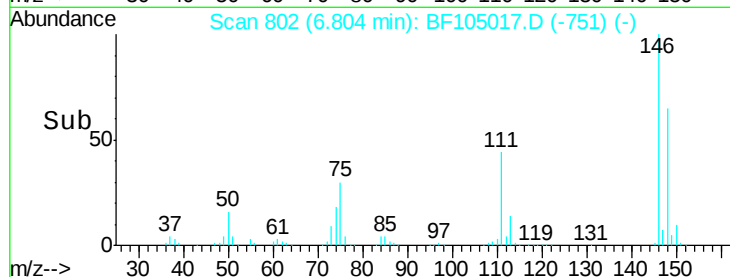
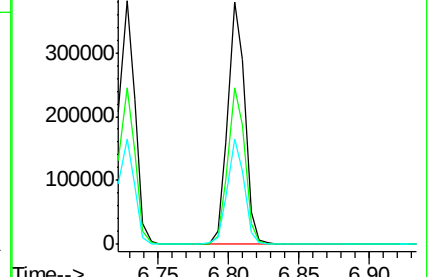
111 43.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.784 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

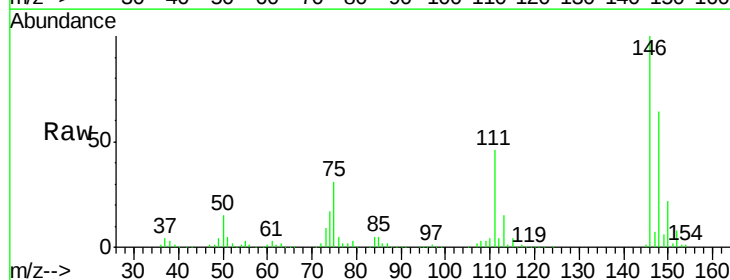
Tgt Ion:146 Resp: 298697

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

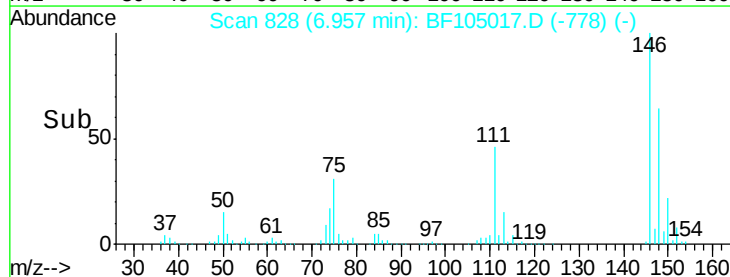
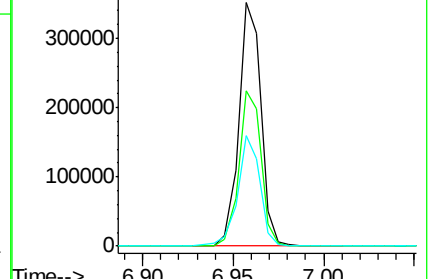
111 45.5 36.0 54.0

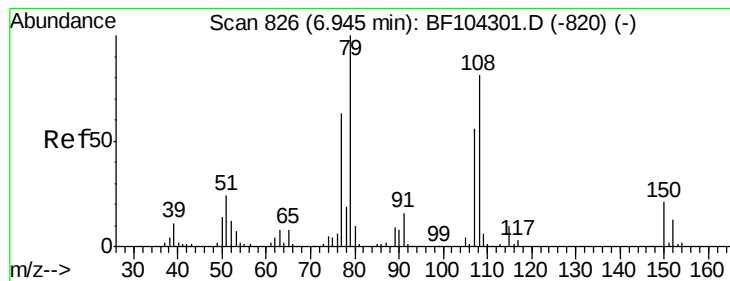


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.147 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

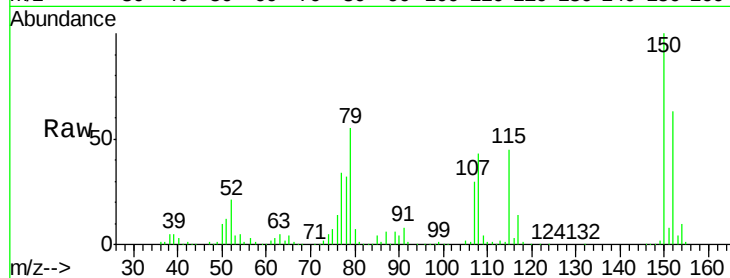
Tgt Ion: 79 Resp: 233226

Ion Ratio Lower Upper

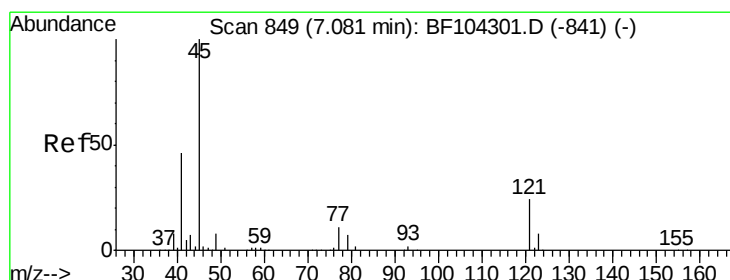
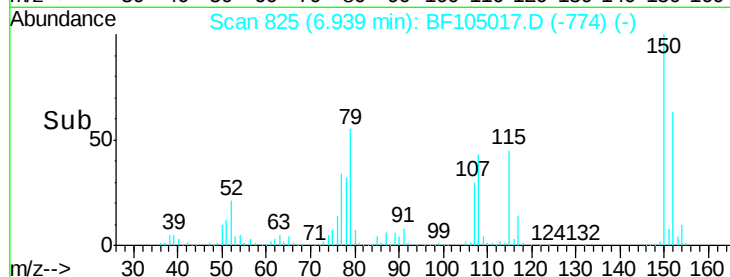
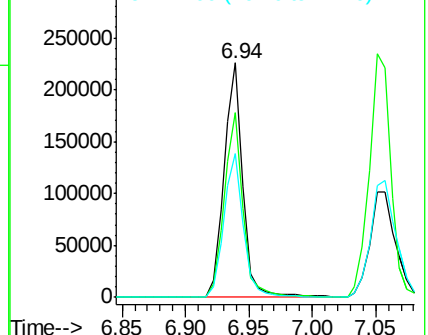
79 100

108 79.0 65.1 97.7

77 61.4 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: 28.429 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

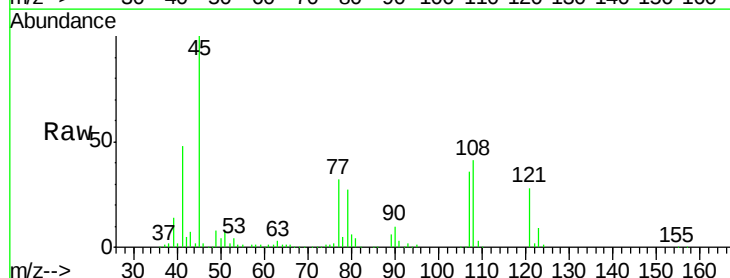
Tgt Ion: 45 Resp: 308782

Ion Ratio Lower Upper

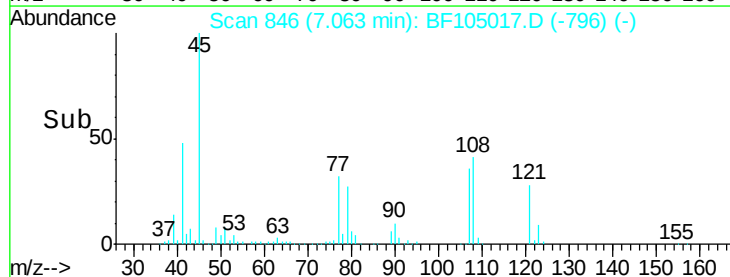
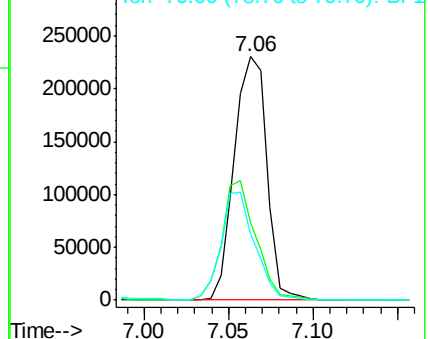
45 100

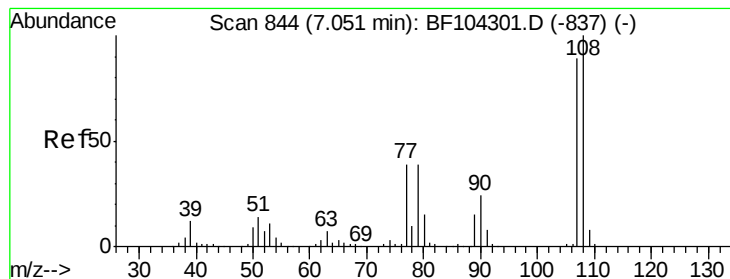
77 31.7 0.0 32.9

79 27.1 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: 34.812 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

Tgt Ion:107 Resp: 248301

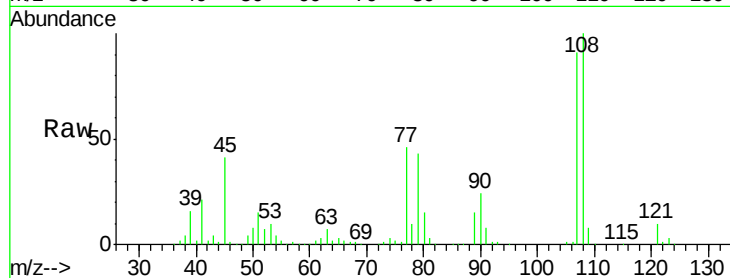
Ion Ratio Lower Upper

107 100

108 110.1 91.7 137.5

77 50.8 33.8 50.8#

79 47.4 33.8 50.8

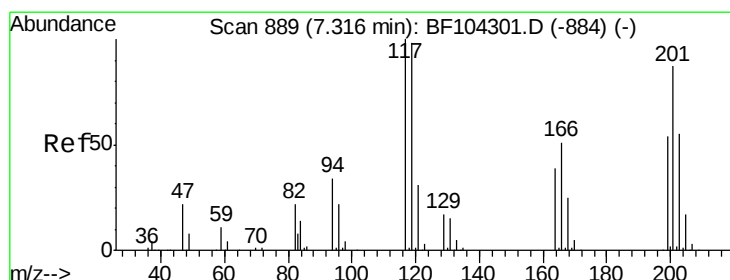
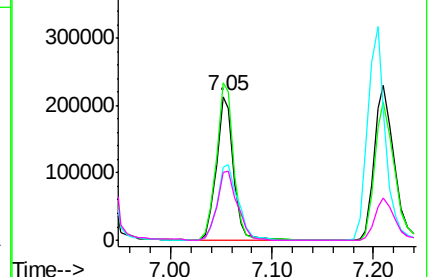
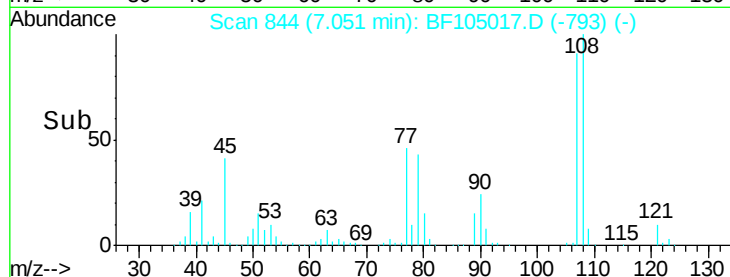


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.023 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

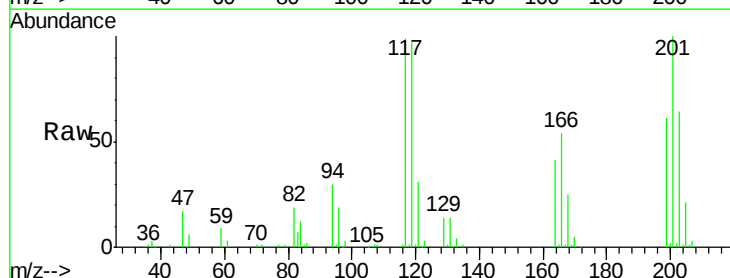
Tgt Ion:117 Resp: 109102

Ion Ratio Lower Upper

117 100

119 98.2 75.8 113.8

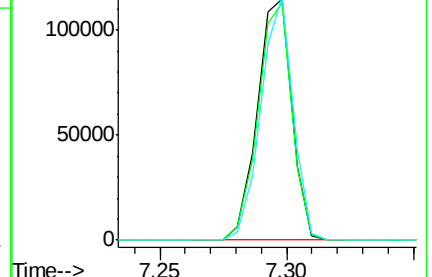
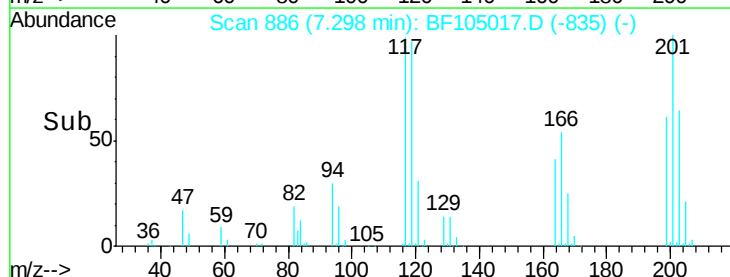
201 100.8 75.7 113.5

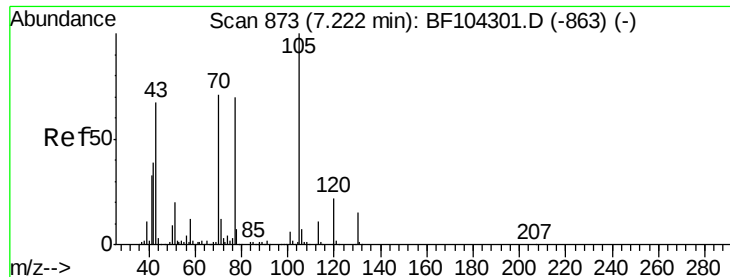


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

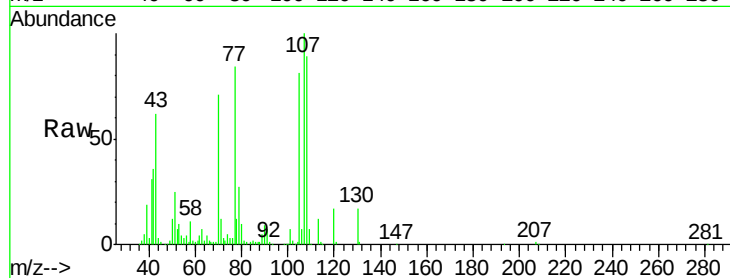




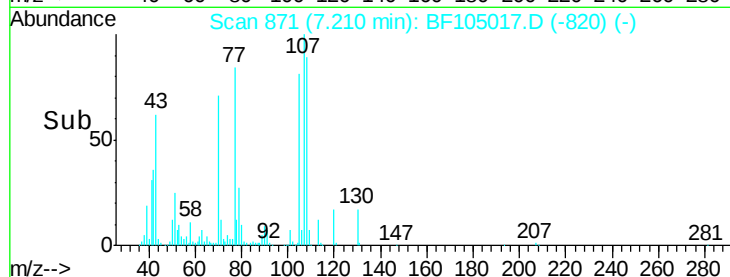
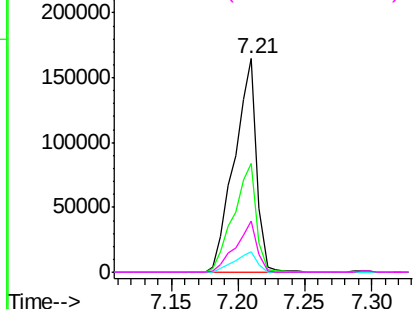
#19
n-Nitroso-di-n-propylamine
Concen: 30.932 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108770BSD

Tgt Ion: 70 Resp: 193072
Ion Ratio Lower Upper
70 100
42 50.7 47.5 71.3
101 9.8 7.4 11.2
130 24.0 16.6 25.0



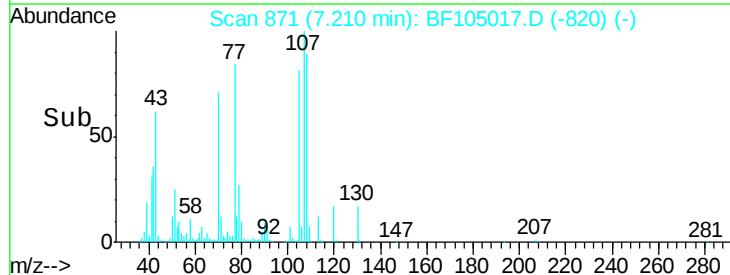
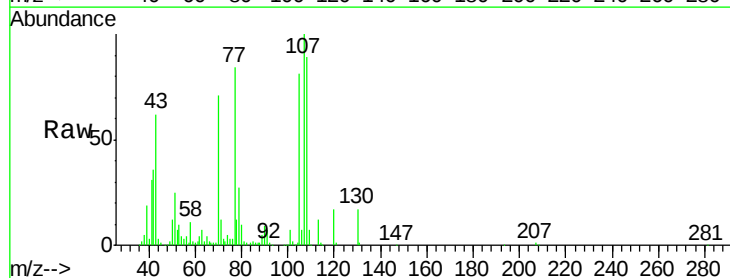
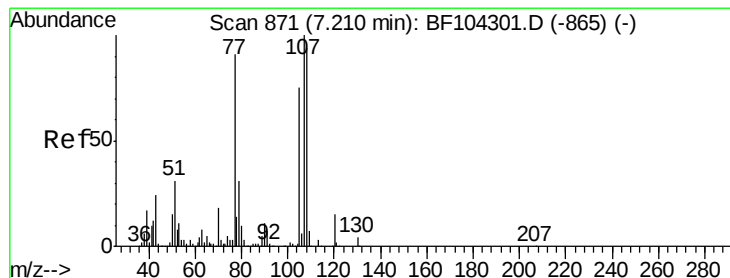
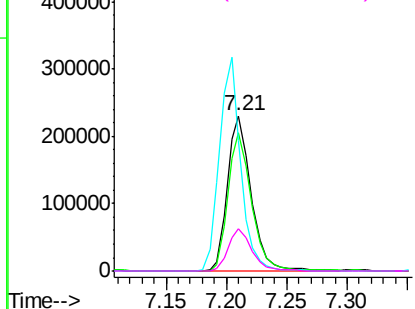
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

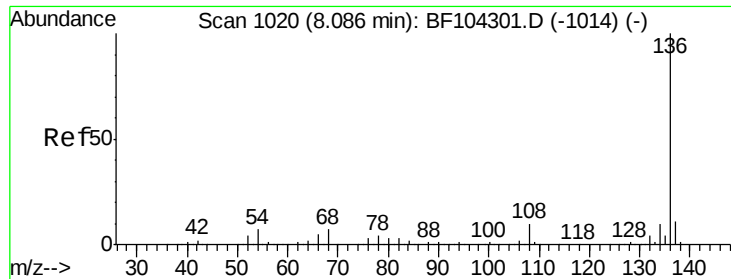


#20
3+4-Methylphenols
Concen: 35.156 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion: 107 Resp: 310994
Ion Ratio Lower Upper
107 100
108 89.4 68.2 108.2
77 84.2 26.7 66.7#
79 27.2 6.3 46.3

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

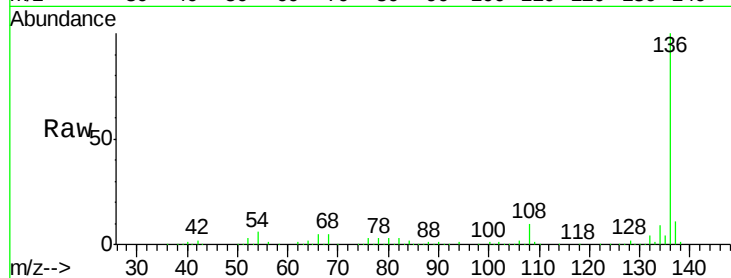




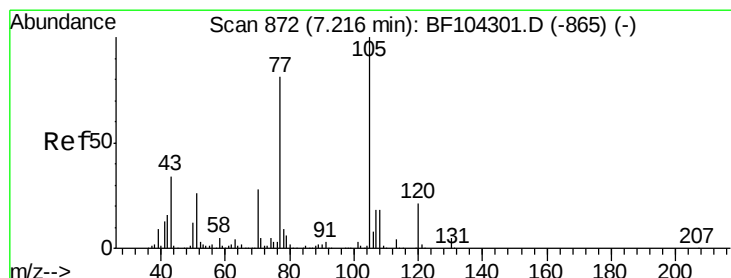
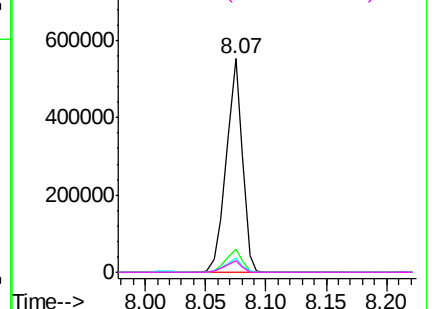
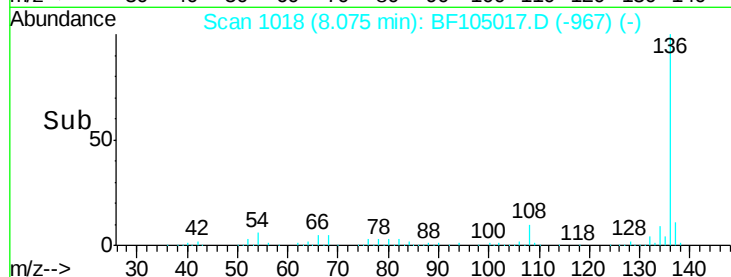
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108770BSD

Tgt Ion:	136	Resp:	507911
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	6.4	6.6	9.8#
68	5.4	5.0	7.4

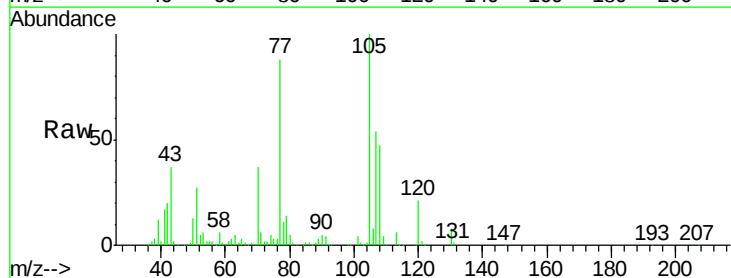


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

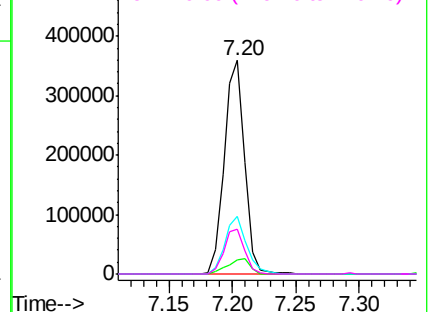
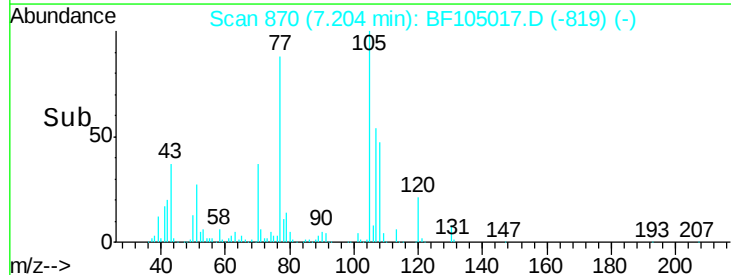


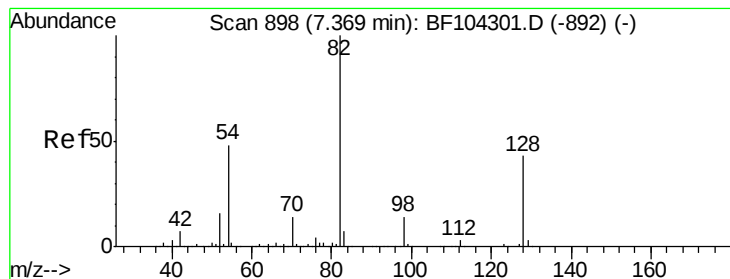
#22
Acetophenone
Concen: 32.034 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion:	105	Resp:	400572
Ion Ratio	Lower	Upper	
105	100		
71	6.3	4.4	6.6
51	27.1	22.3	33.5
120	21.2	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.488 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

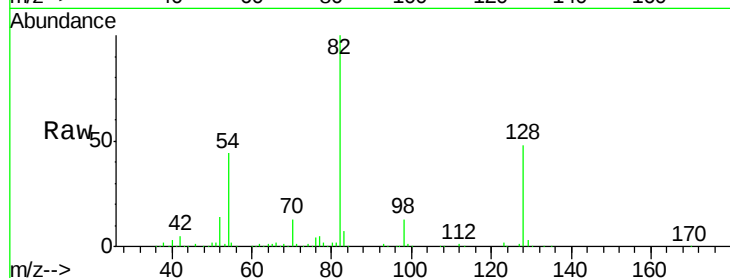
Tgt Ion: 82 Resp: 626067

Ion Ratio Lower Upper

82 100

128 48.2 36.1 54.1

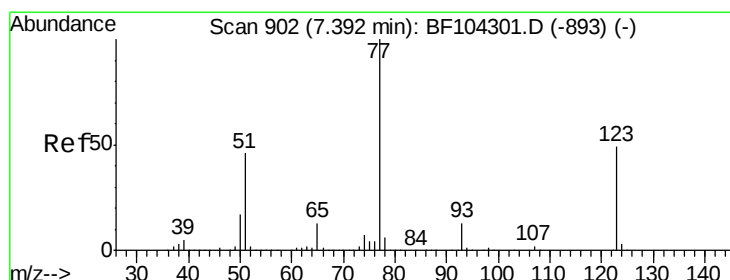
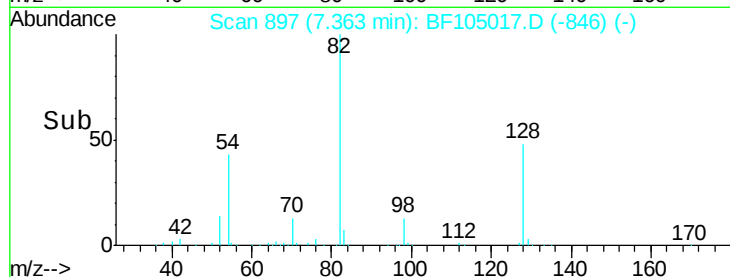
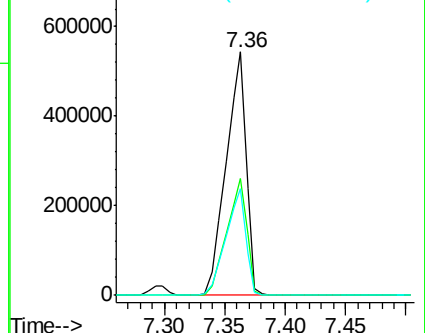
54 43.6 41.4 62.2



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: 34.845 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

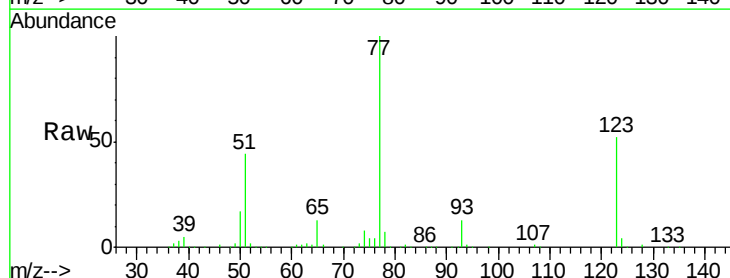
Tgt Ion: 77 Resp: 299245

Ion Ratio Lower Upper

77 100

123 51.7 37.9 56.9

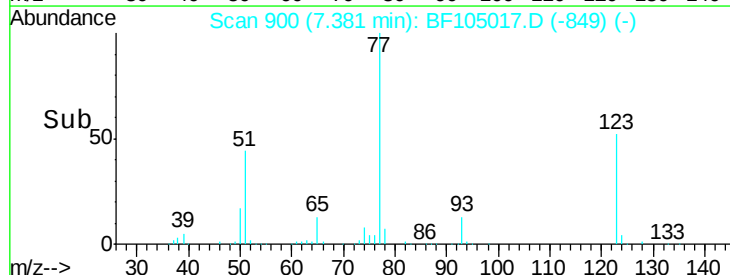
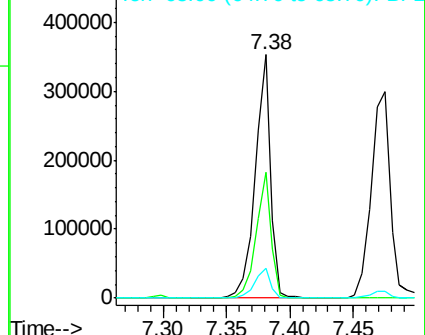
65 12.5 11.0 16.4



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

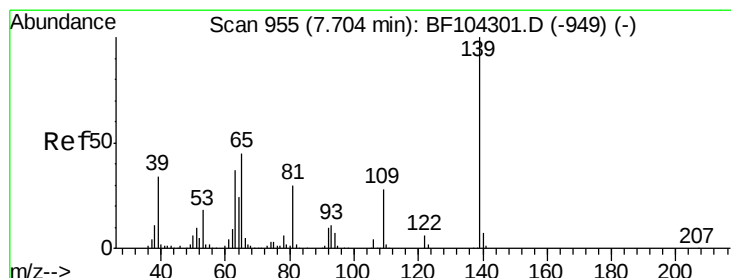
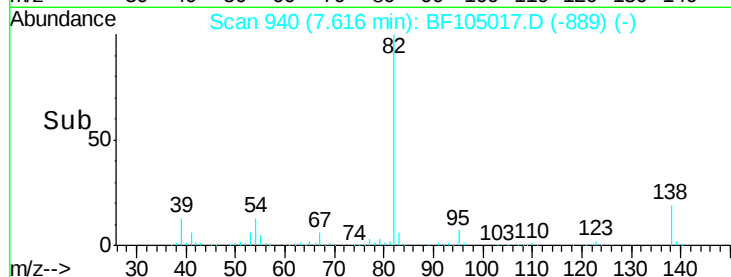
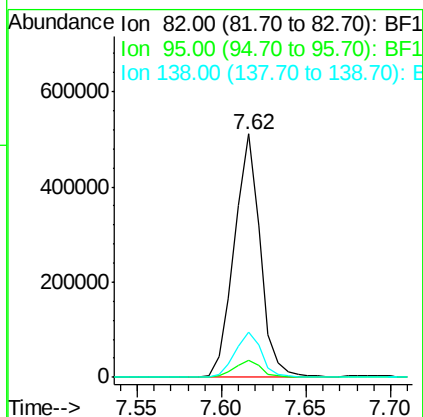
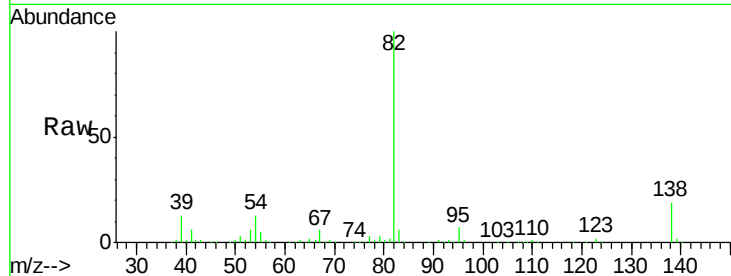




#25
Isophorone
Concen: 33.355 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

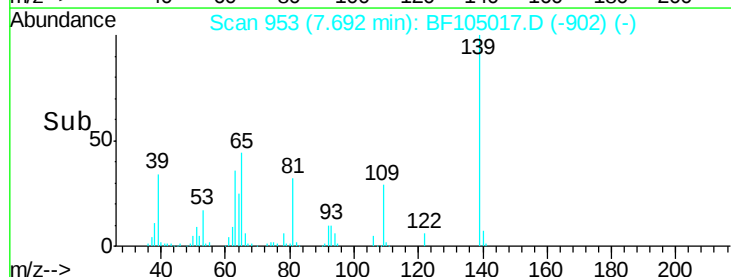
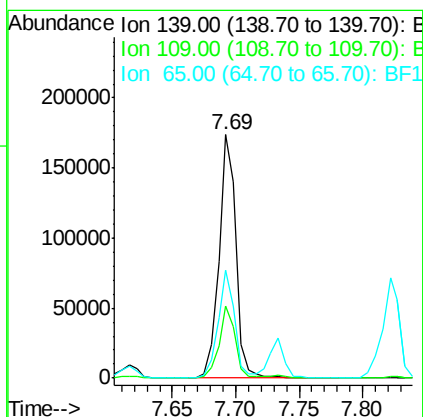
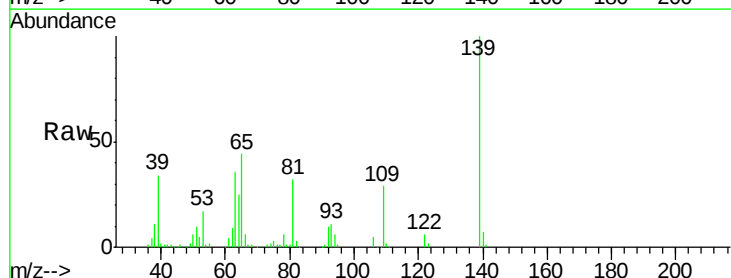
Instrument :
BNA_F
ClientSampleId :
PB108770BSD

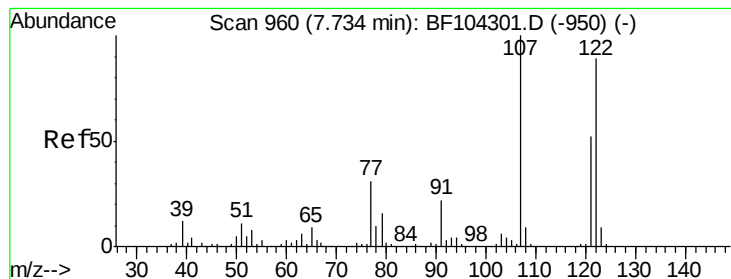
Tgt Ion: 82 Resp: 548644
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 46.901 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion: 139 Resp: 163970
Ion Ratio Lower Upper
139 100
109 29.4 22.7 34.1
65 44.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.455 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

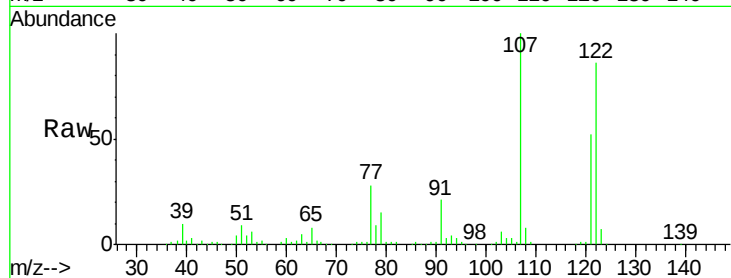
Tgt Ion: 122 Resp: 264636

Ion Ratio Lower Upper

122 100

107 116.3 91.2 136.8

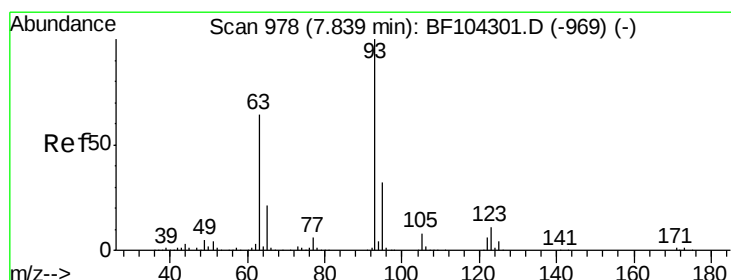
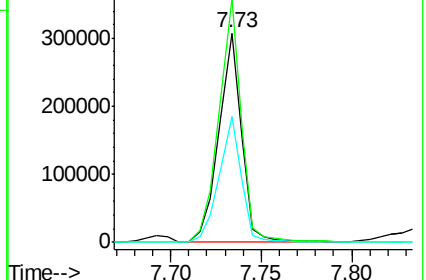
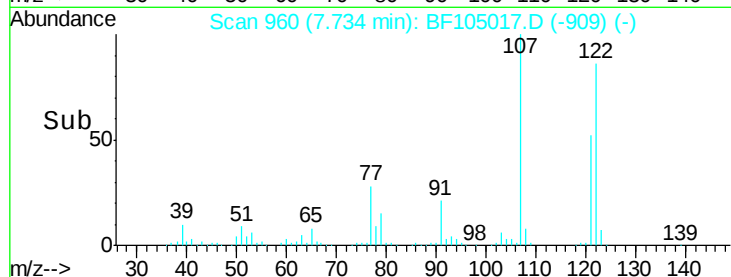
121 60.2 47.2 70.8



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: 35.361 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

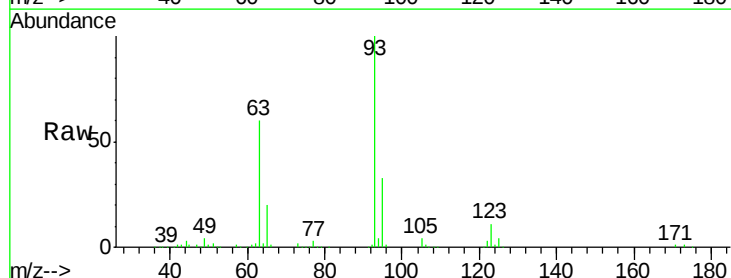
Tgt Ion: 93 Resp: 355616

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

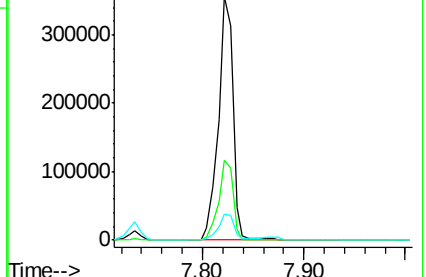
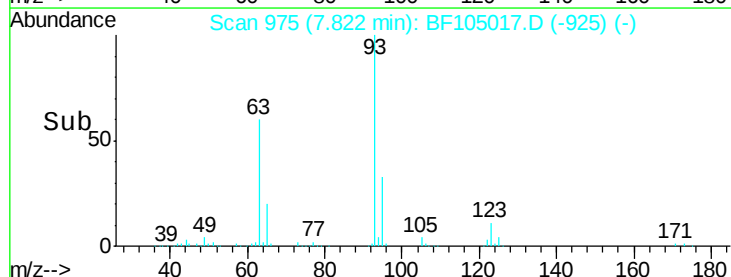
123 10.9 9.8 14.6

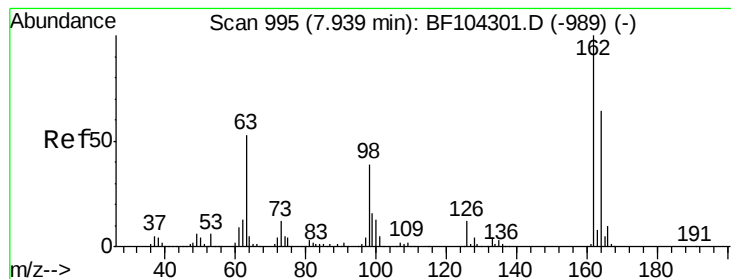


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.011 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

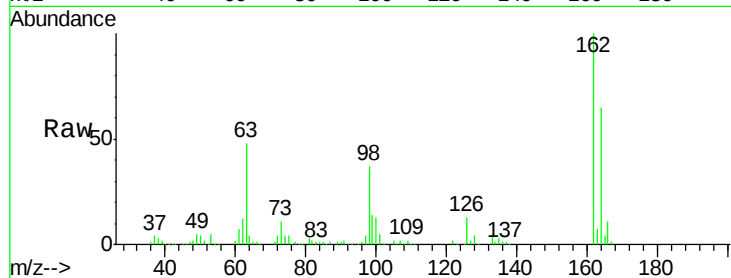
Tgt Ion:162 Resp: 256354

Ion Ratio Lower Upper

162 100

164 64.7 42.7 82.7

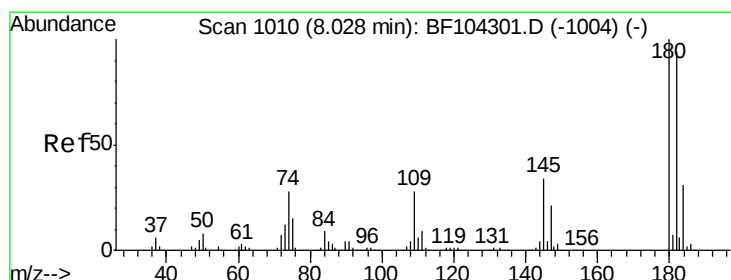
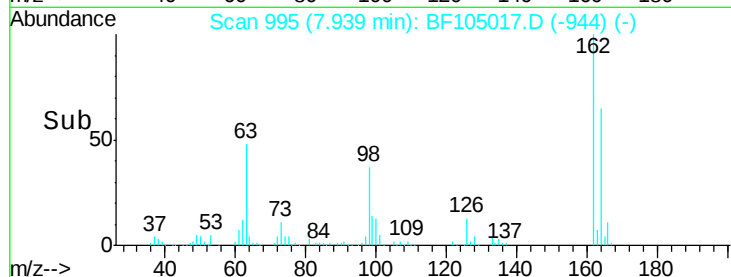
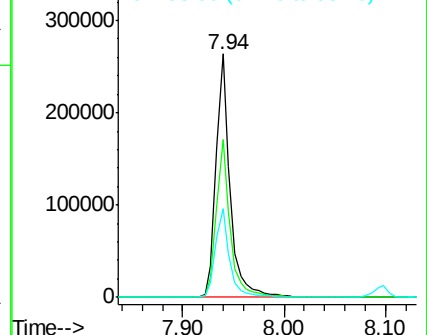
98 36.6 18.1 58.1



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: 34.295 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

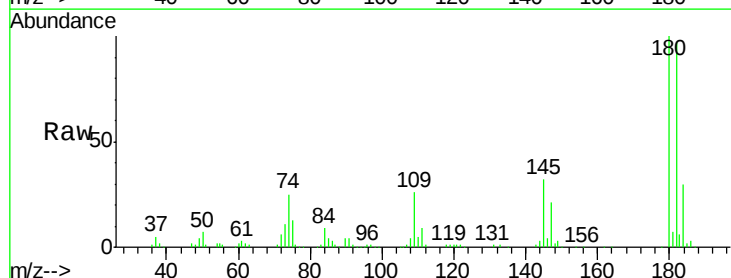
Tgt Ion:180 Resp: 260693

Ion Ratio Lower Upper

180 100

182 97.1 76.8 115.2

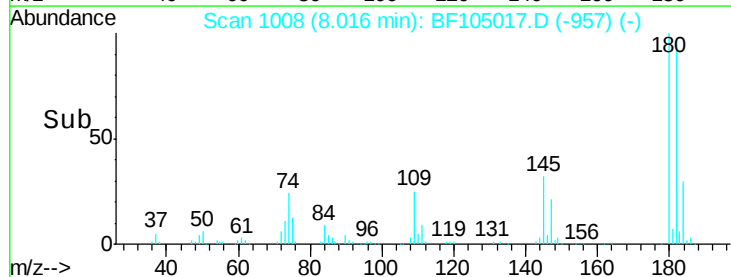
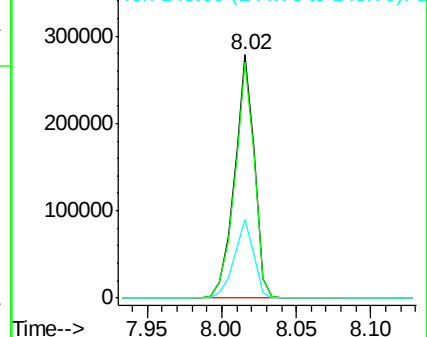
145 32.5 26.5 39.7

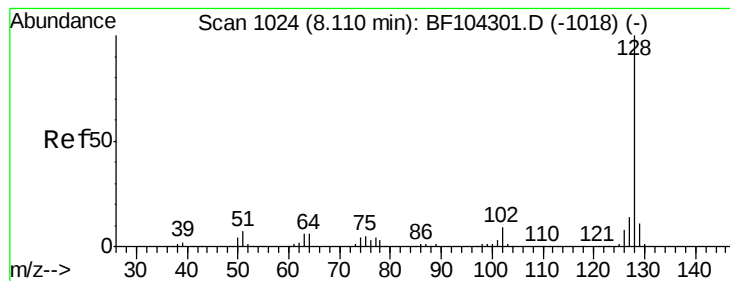


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.111 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

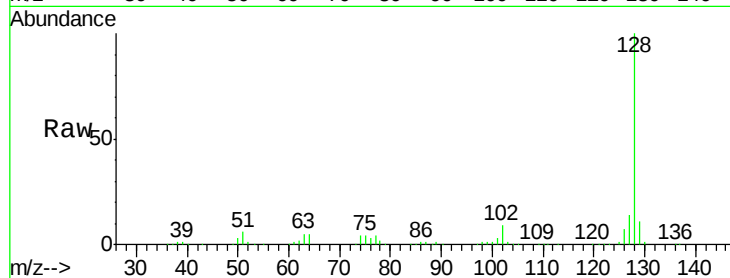
Tgt Ion:128 Resp: 862706

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

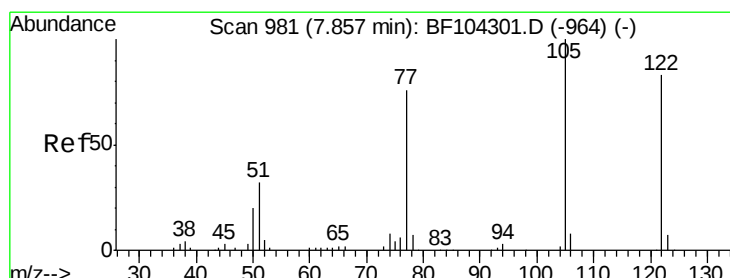
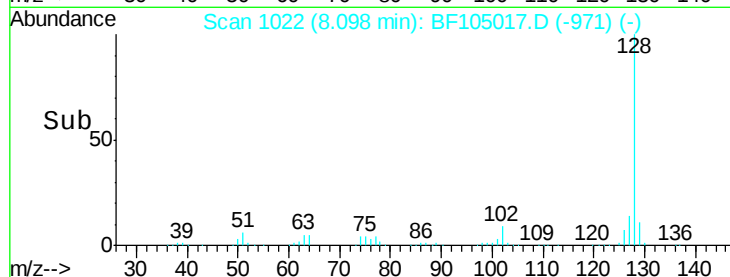
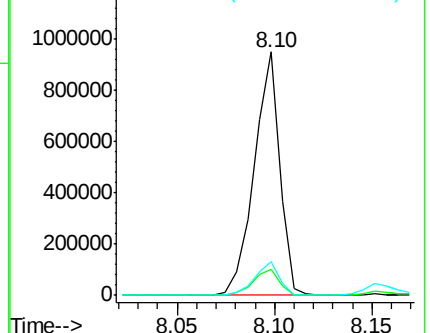
127 13.6 10.9 16.3



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: 19.599 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

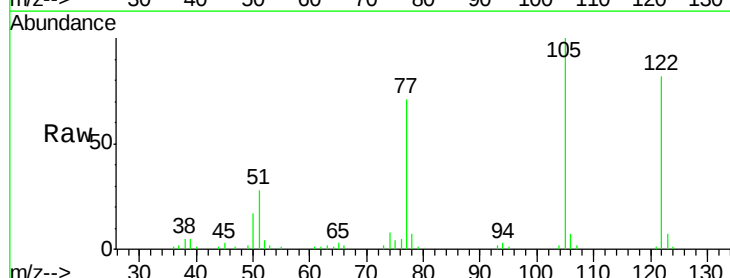
Tgt Ion:122 Resp: 113517

Ion Ratio Lower Upper

122 100

105 121.9 101.1 141.1

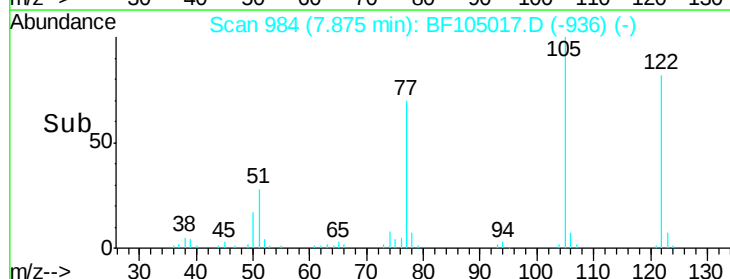
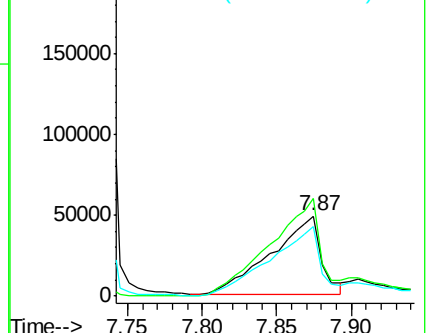
77 86.8 70.7 110.7

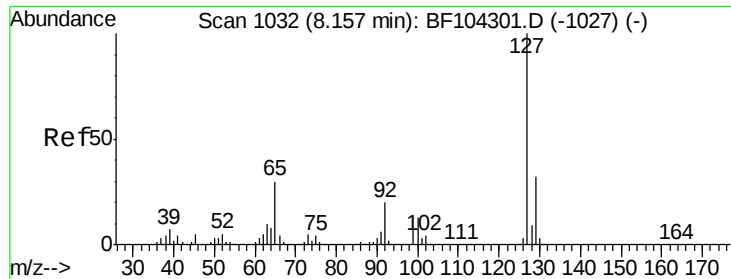


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

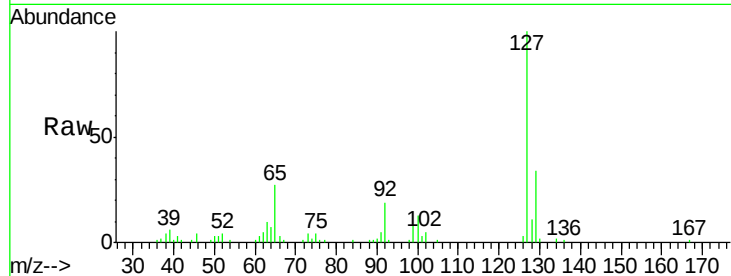




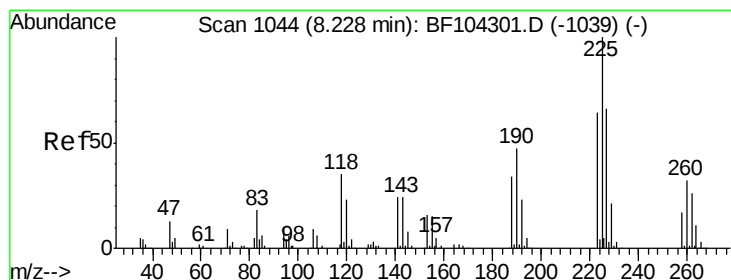
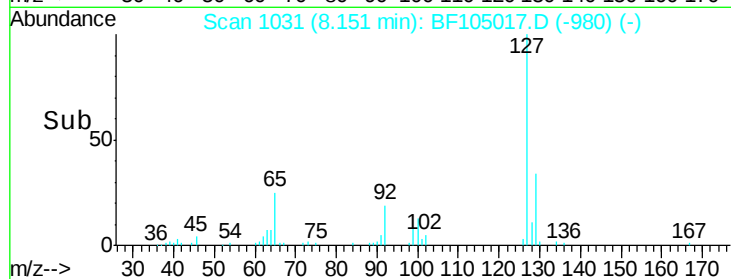
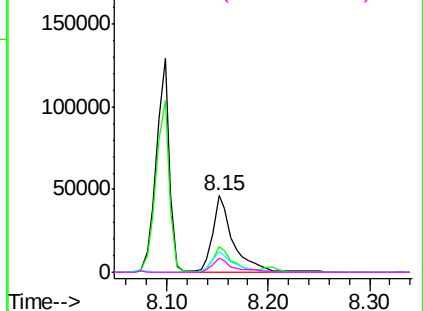
#33
4-Chloroaniline
Concen: 6.113 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108770BSD

Tgt Ion:	127	Resp:	66232
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.9	38.9
65	27.4	25.0	37.4
92	18.9	15.2	22.8

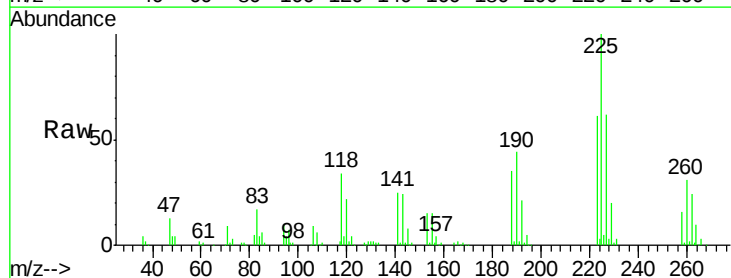


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

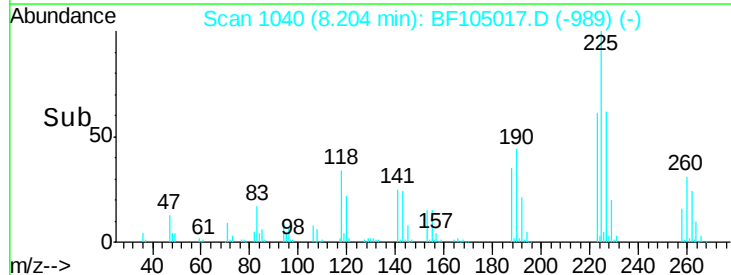
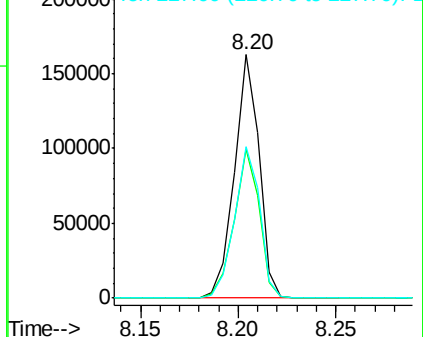


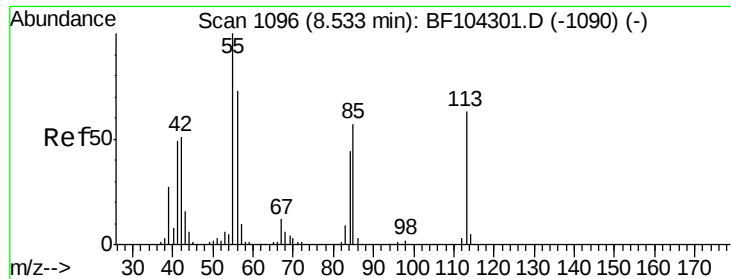
#34
Hexachlorobutadiene
Concen: 34.301 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion:	225	Resp:	142817
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	62.3	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

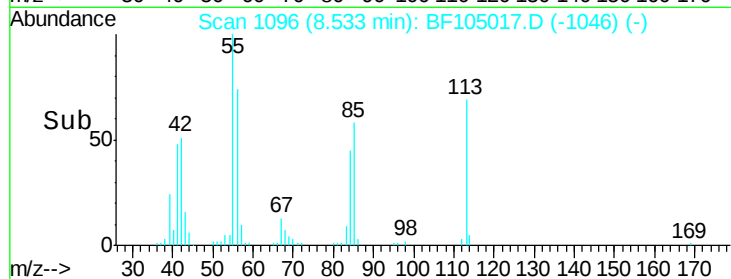
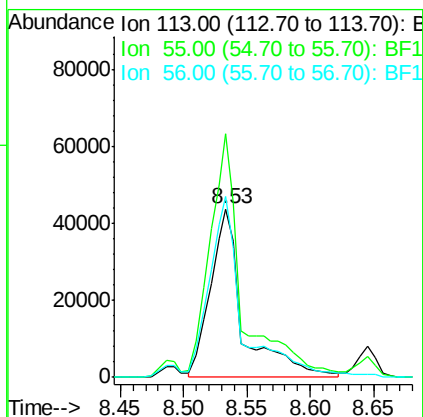
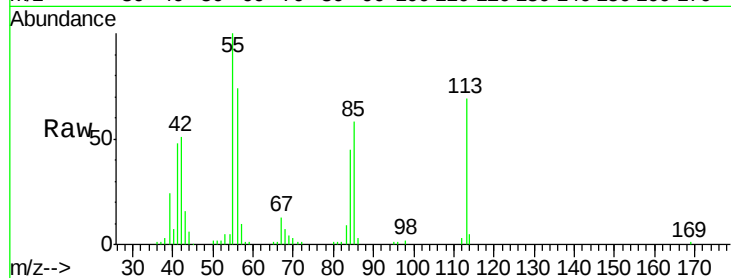




#35
 Caprolactam
 Concen: 32.864 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

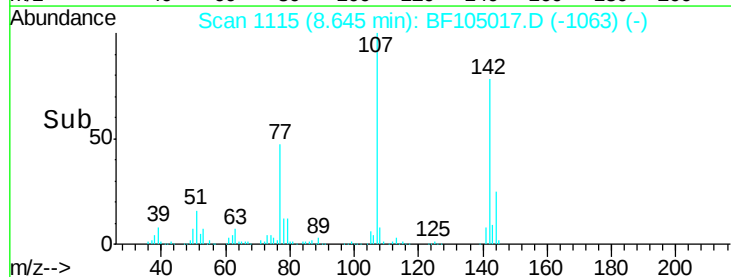
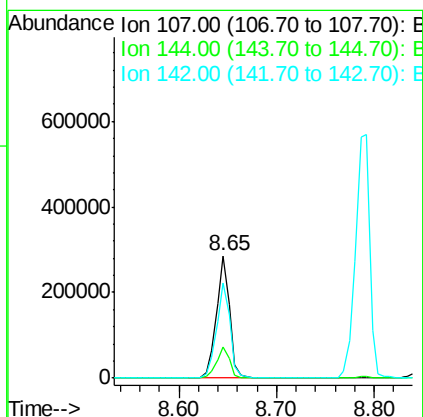
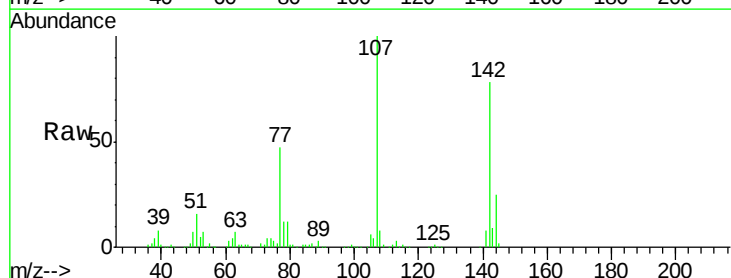
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

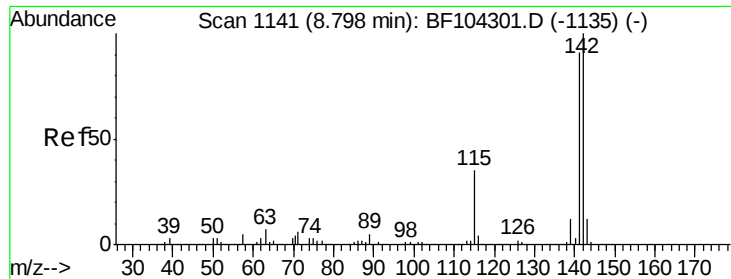
Tgt Ion:113 Resp: 79408
 Ion Ratio Lower Upper
 113 100
 55 144.8 163.3 203.3#
 56 107.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 36.201 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion:107 Resp: 268862
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 78.1 62.0 93.0

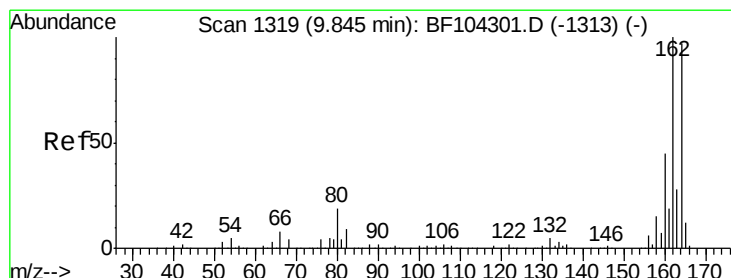
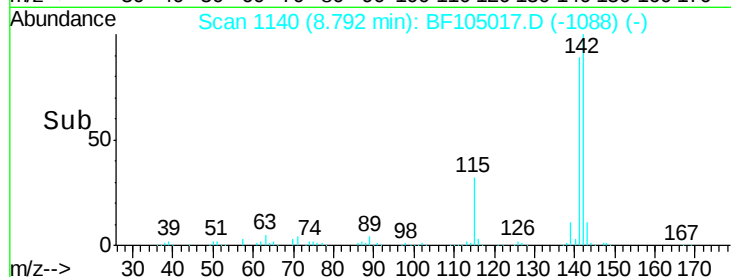
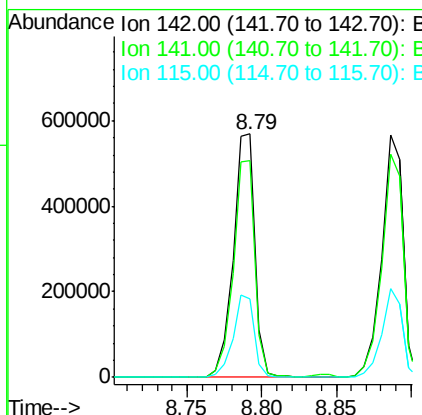
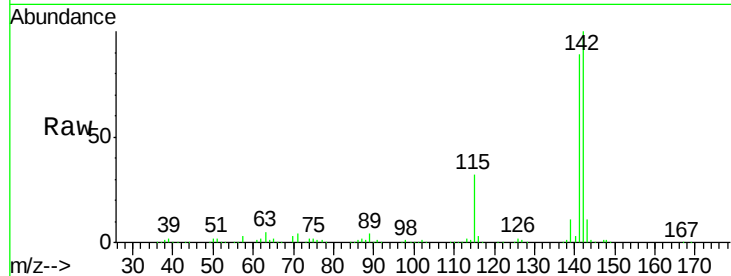




#37
 2-Methylnaphthalene
 Concen: 35.502 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

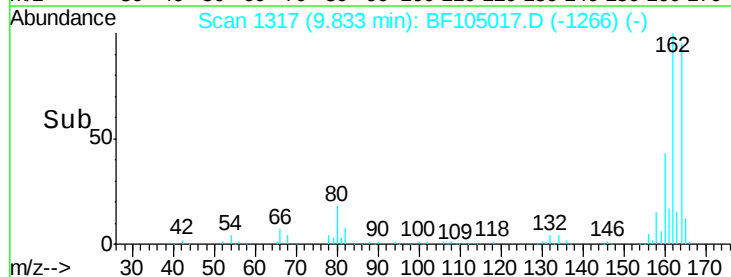
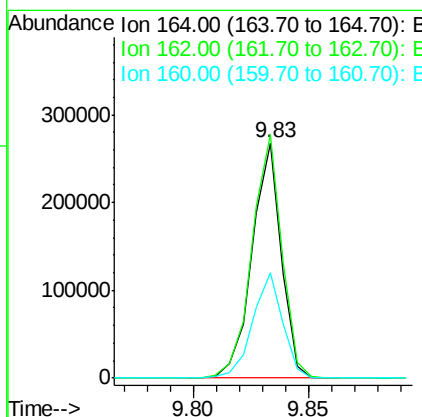
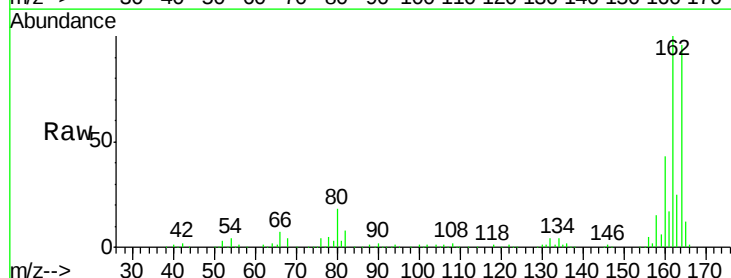
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

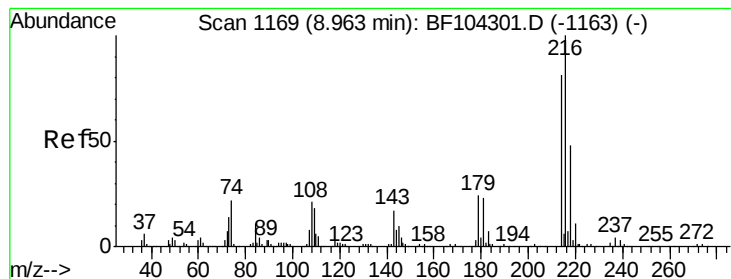
Tgt Ion:142 Resp: 580796
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.8 106.2
 115 32.5 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion:164 Resp: 235882
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.1 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.323 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

Tgt Ion:216 Resp: 252013

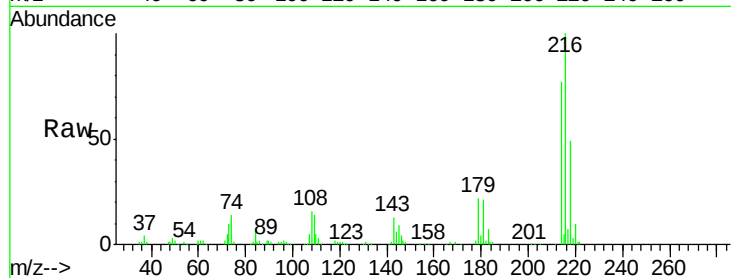
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 22.3 18.1 27.1

108 18.5 17.2 25.8

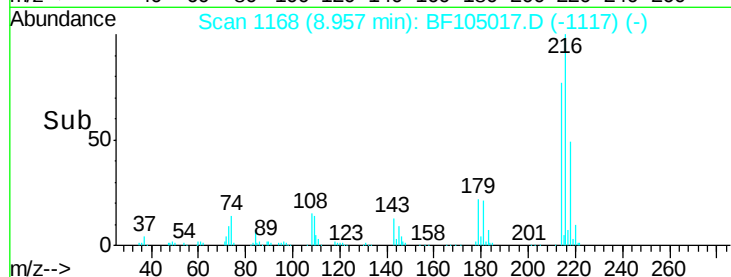


Abundance Ion 216.00 (215.70 to 216.70): E

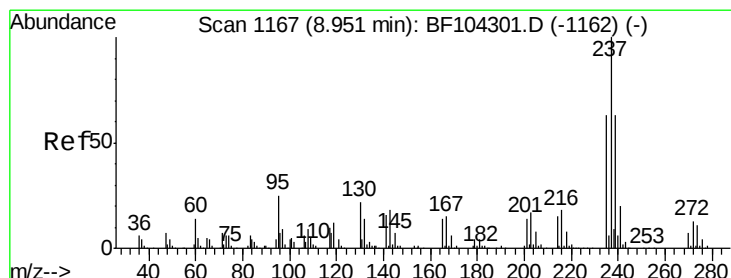
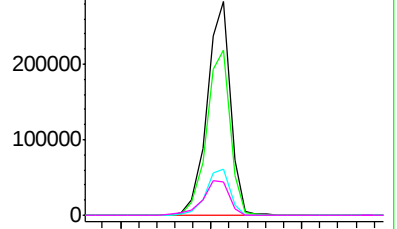
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 16.028 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

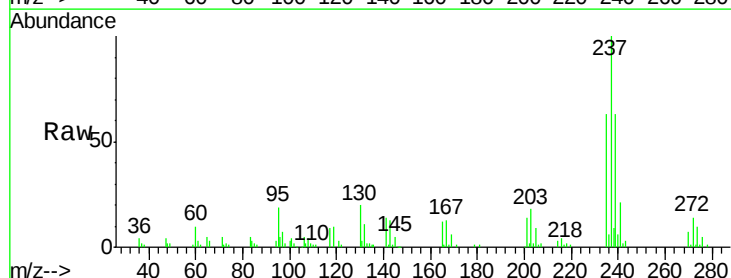
Tgt Ion:237 Resp: 60588

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

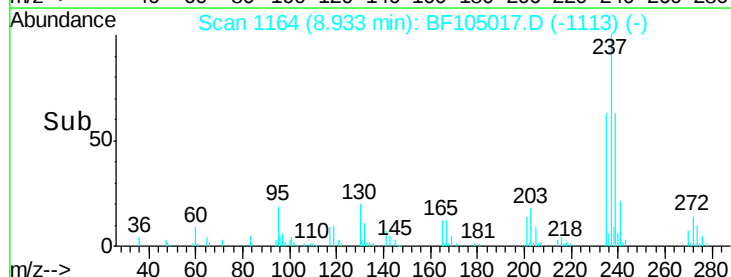
272 13.6 0.0 33.3



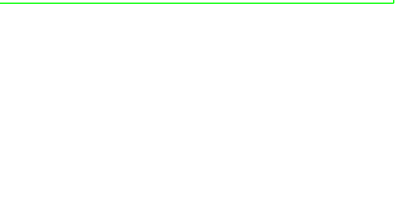
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

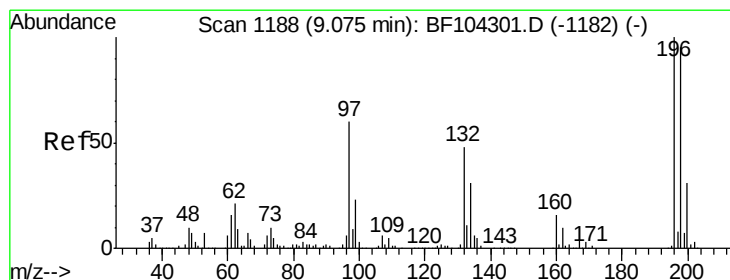
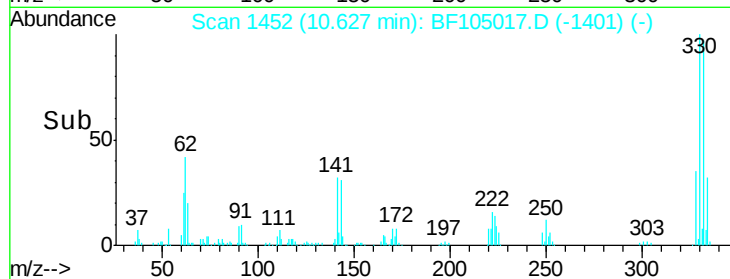
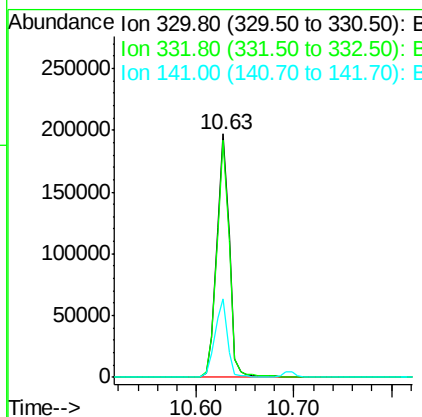
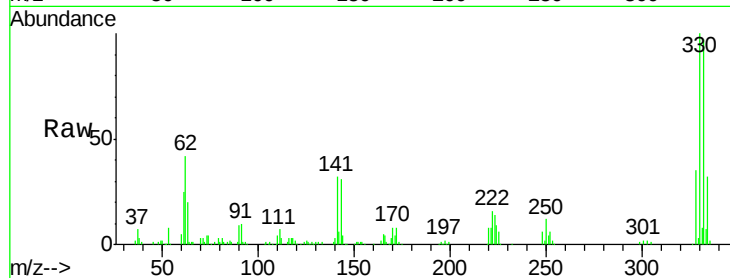




#41
 2,4,6-Tribromophenol
 Concen: 73.076 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

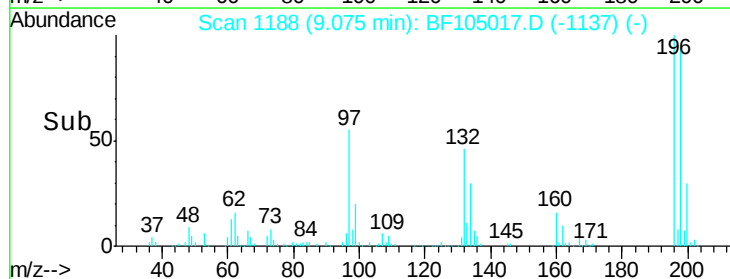
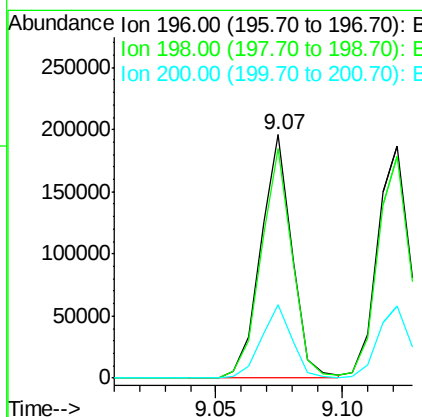
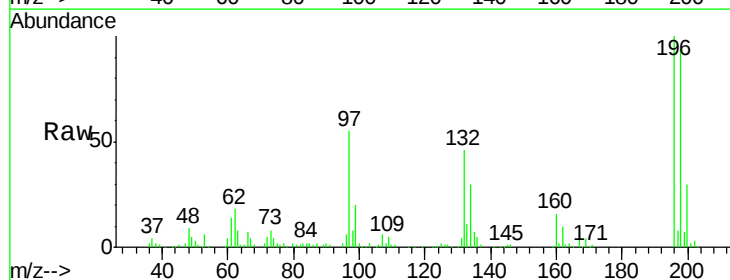
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

Tgt Ion:330 Resp: 178807
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 31.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 35.899 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion:196 Resp: 168271
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 30.3 24.5 36.7

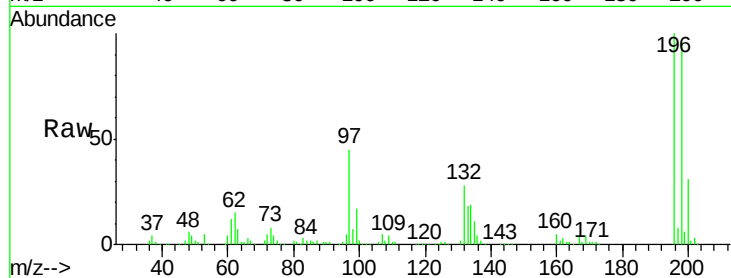




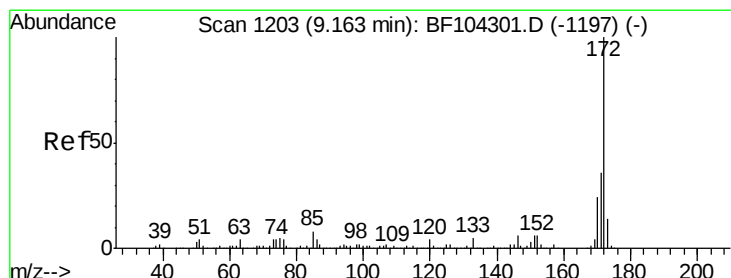
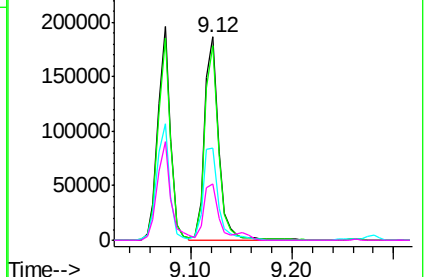
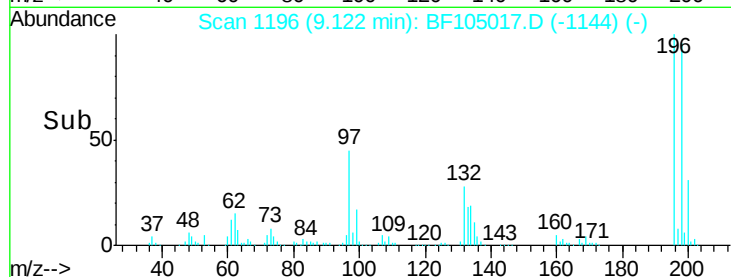
#43
2,4,5-Trichlorophenol
Concen: 34.515 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108770BSD

Tgt Ion:196 Resp: 181042
Ion Ratio Lower Upper
196 100
198 95.9 74.6 112.0
97 45.0 42.9 64.3
132 27.9 26.3 39.5

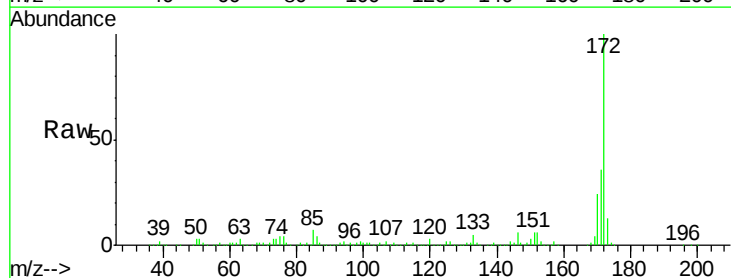


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

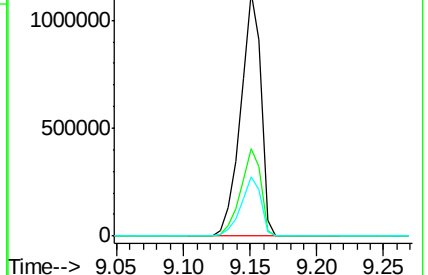
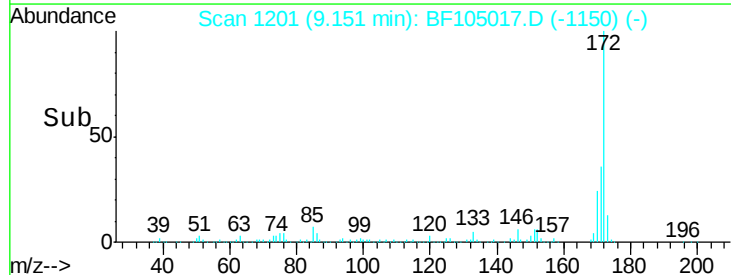


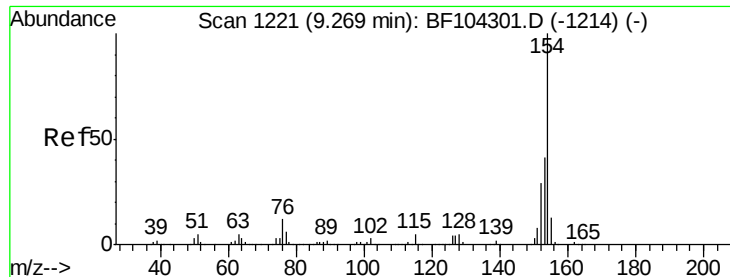
#44
2-Fluorobiphenyl
Concen: 79.451 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion:172 Resp: 1186330
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.3 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

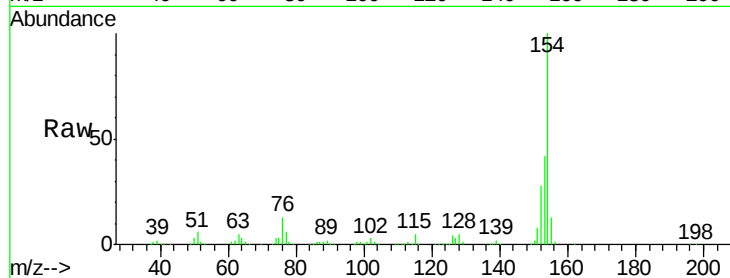




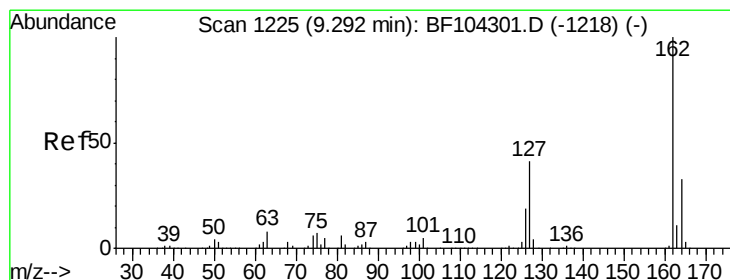
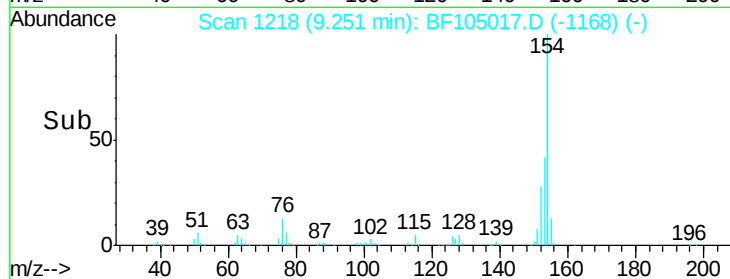
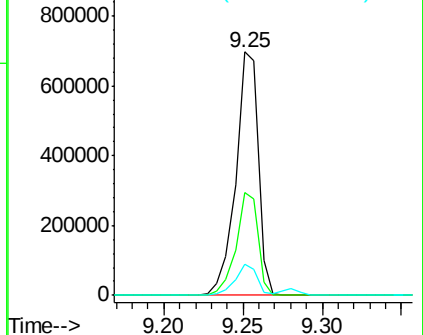
#45
 1,1'-Biphenyl
 Concen: 34.687 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

Tgt Ion:154 Resp: 687354
 Ion Ratio Lower Upper
 154 100
 153 42.1 21.3 61.3
 76 13.0 0.0 34.0

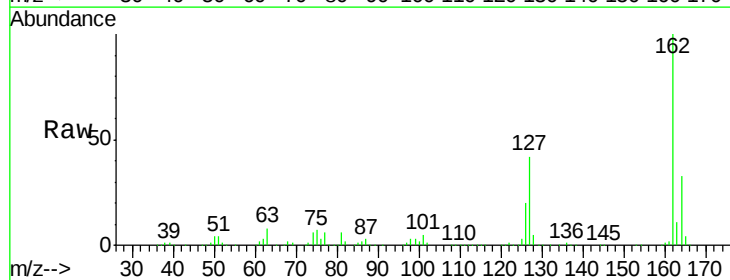


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

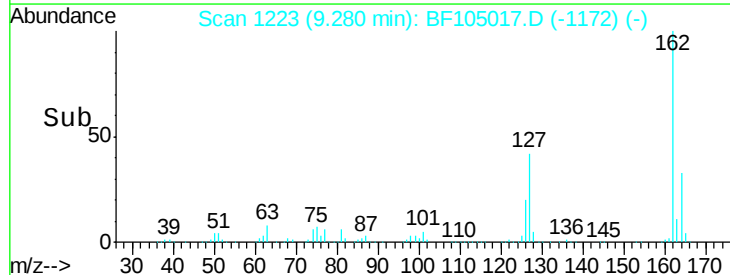
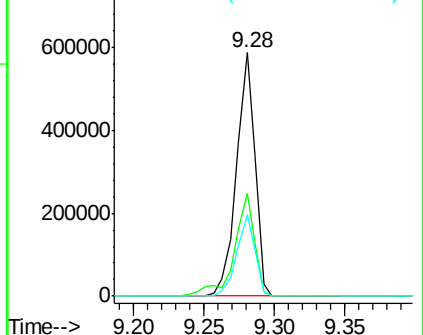


#46
 2-Chloronaphthalene
 Concen: 34.306 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion:162 Resp: 536959
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.9 50.9
 164 33.2 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

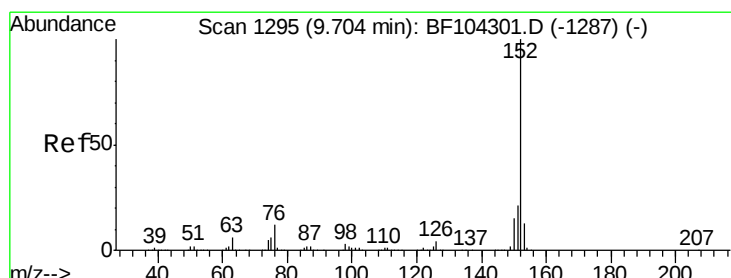
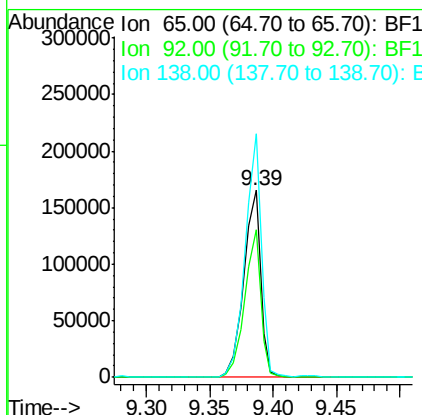
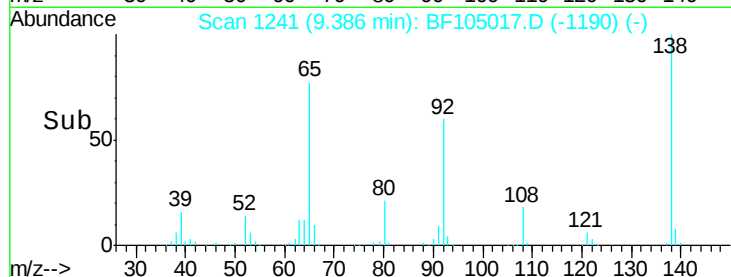
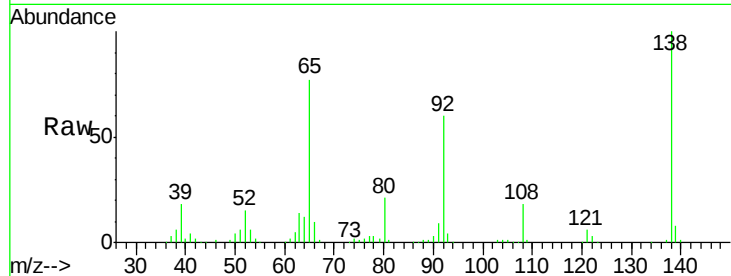




#47
 2-Nitroaniline
 Concen: 39.501 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

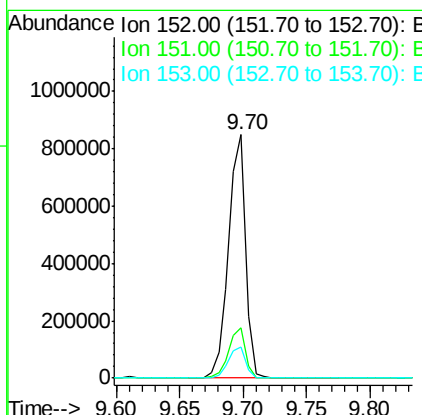
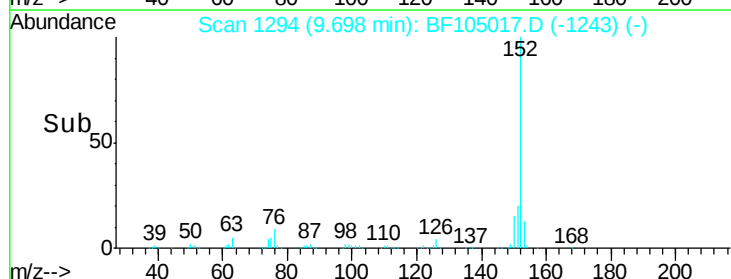
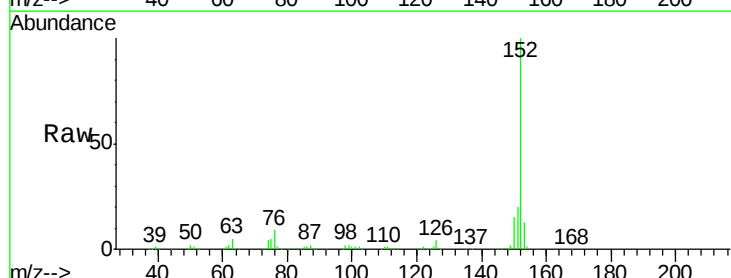
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

Tgt Ion: 65 Resp: 152898
 Ion Ratio Lower Upper
 65 100
 92 78.6 55.8 83.6
 138 130.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 32.061 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion: 152 Resp: 787340
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.0 10.7 16.1

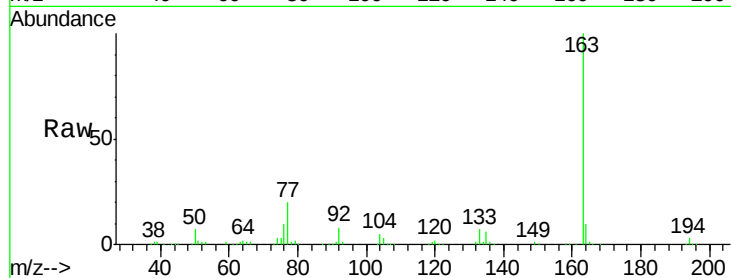




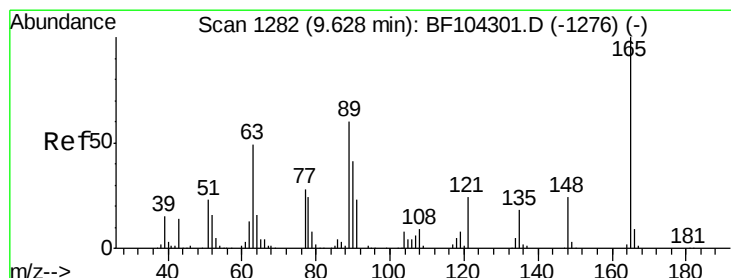
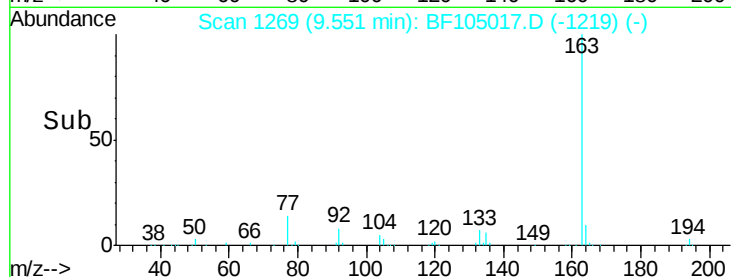
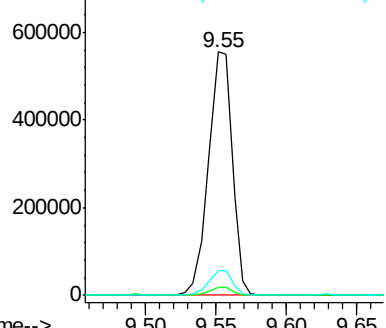
#49
Dimethylphthalate
Concen: 35.218 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108770BSD

Tgt Ion:163 Resp: 655098
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.2 12.2

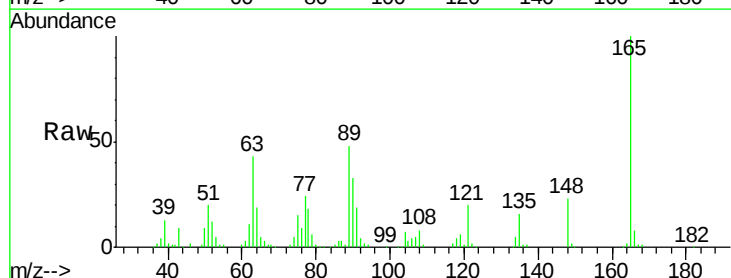


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

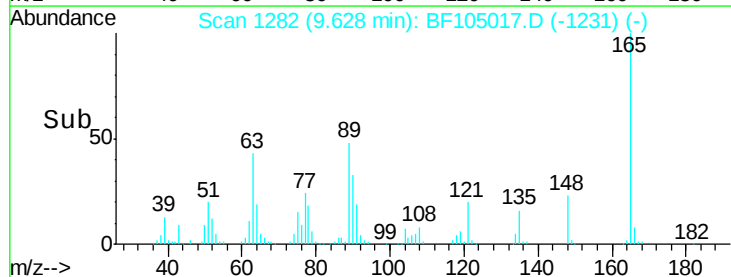
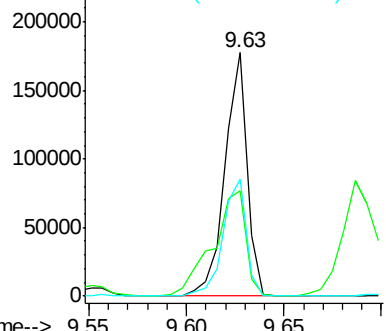


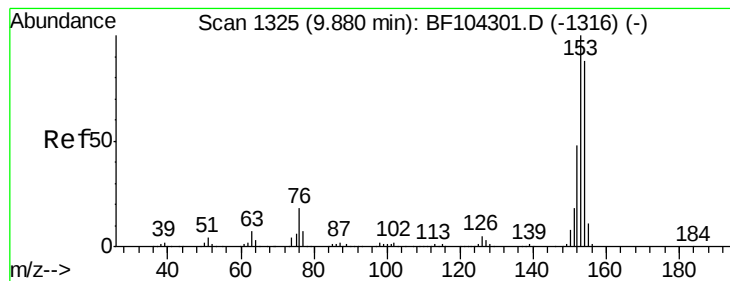
#50
2,6-Dinitrotoluene
Concen: 40.815 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion:165 Resp: 140483
Ion Ratio Lower Upper
165 100
63 43.3 44.7 67.1#
89 48.0 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





#51

Acenaphthene

Concen: 31.001 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

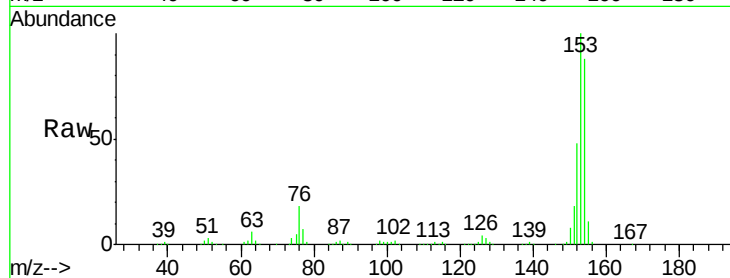
Tgt Ion:154 Resp: 464500

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

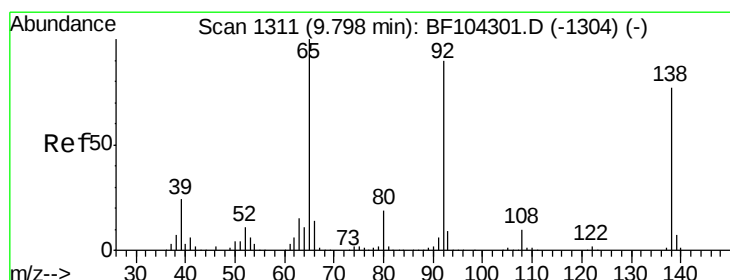
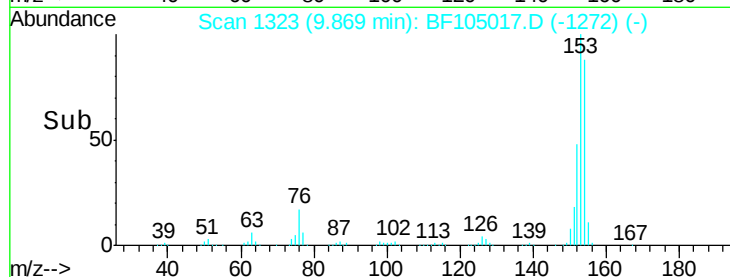
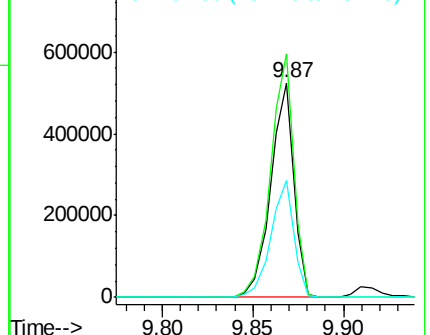
152 54.7 43.8 65.8



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: 13.183 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

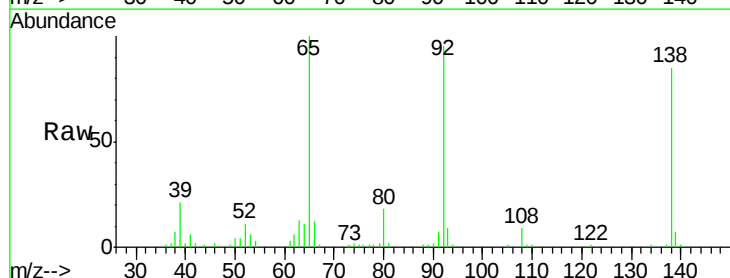
Tgt Ion:138 Resp: 53119

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

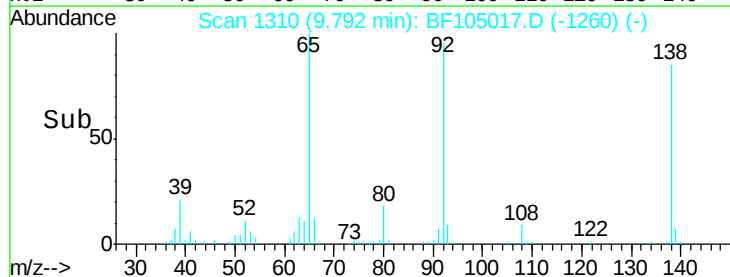
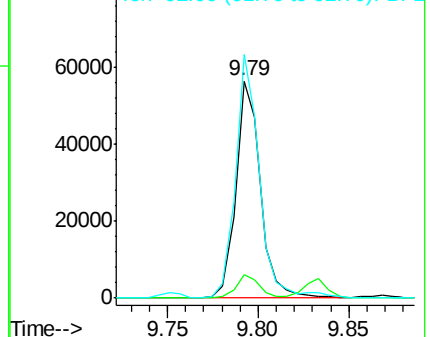
92 112.2 89.4 134.2

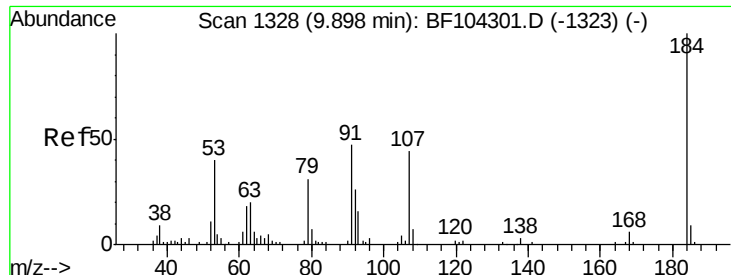


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

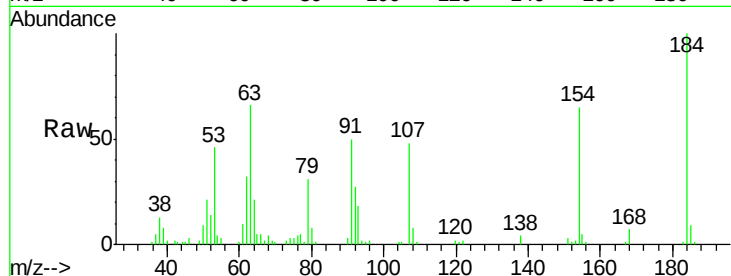




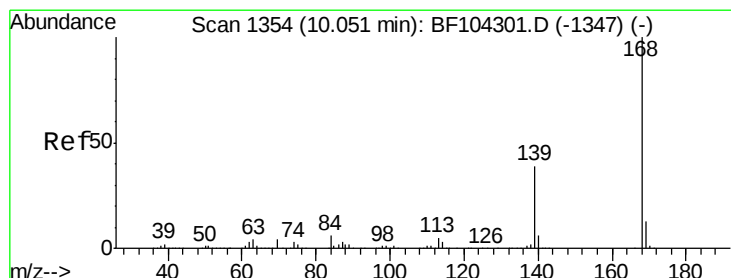
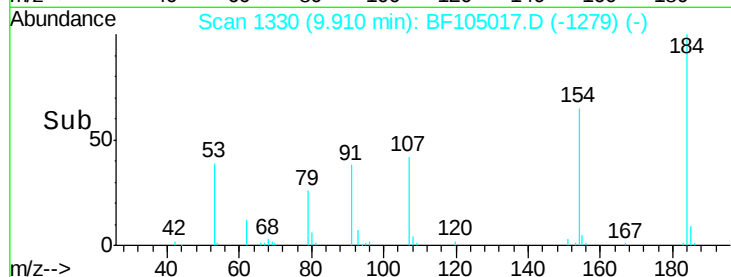
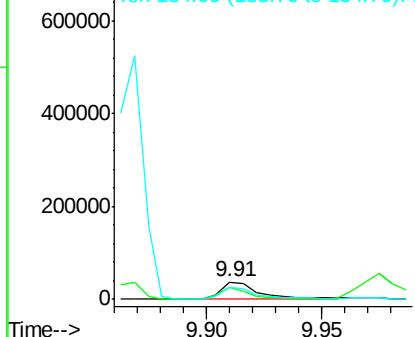
#53
2,4-Dinitrophenol
Concen: 40.841 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108770BSD

Tgt Ion:184 Resp: 43320
Ion Ratio Lower Upper
184 100
63 66.2 54.2 81.2
154 65.2 184.0 276.0#

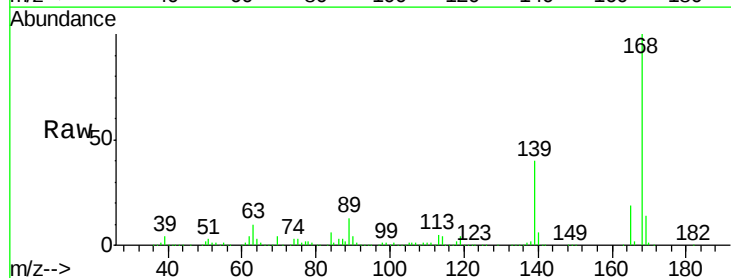


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

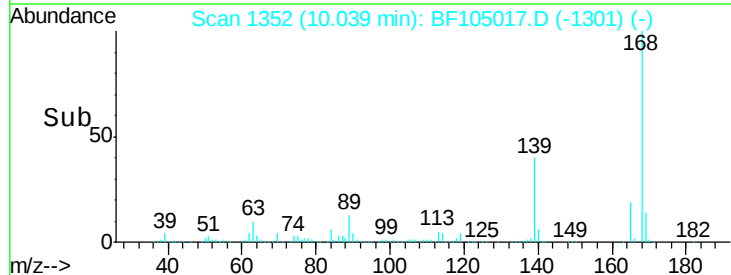
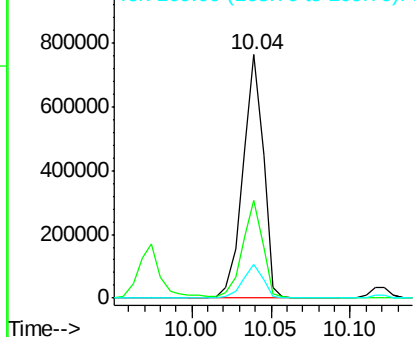


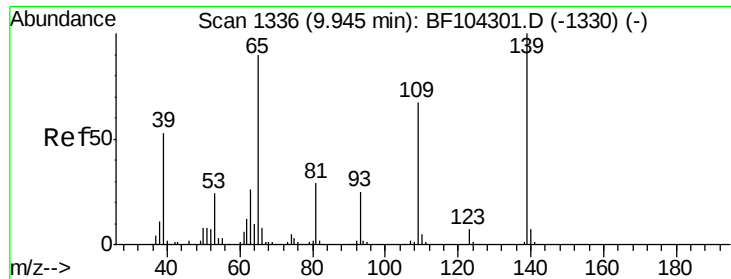
#54
Dibenzofuran
Concen: 32.440 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion:168 Resp: 677362
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

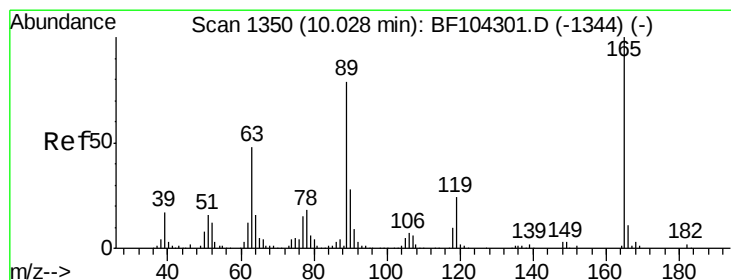
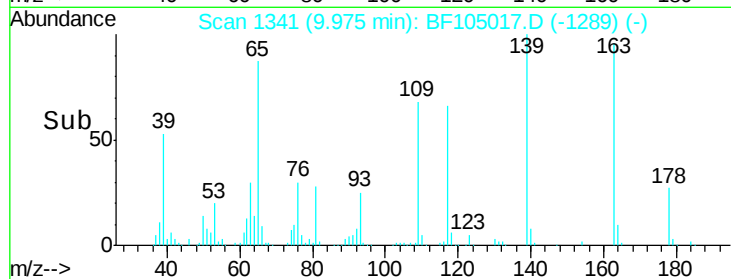
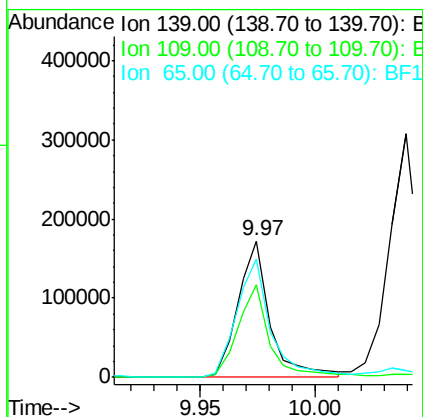
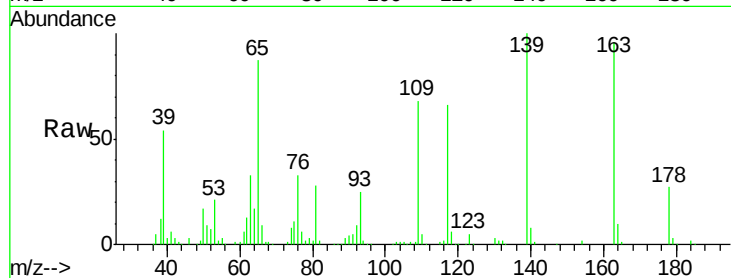




#55
4-Nitrophenol
Concen: 52.534 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

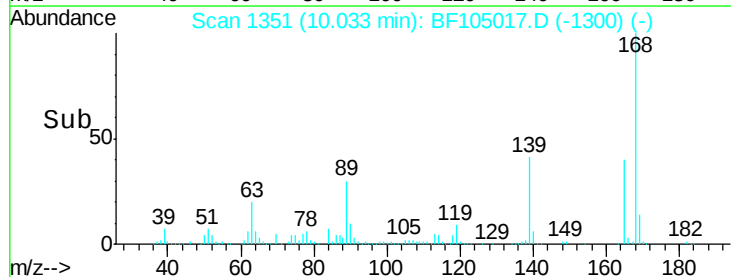
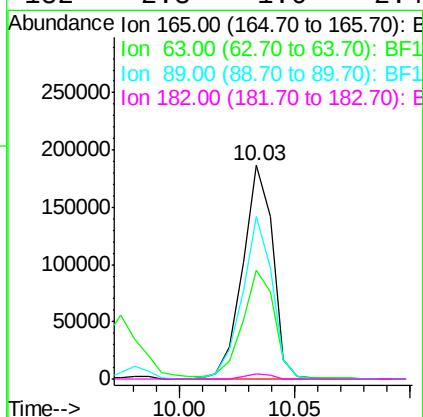
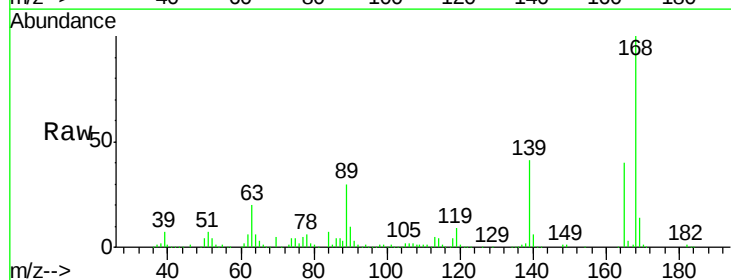
Instrument :
BNA_F
ClientSampleId :
PB108770BSD

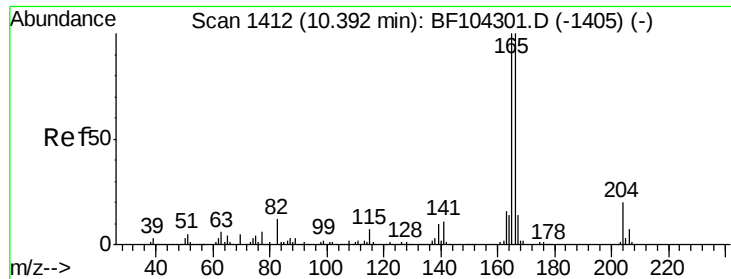
Tgt Ion:139 Resp: 166286
Ion Ratio Lower Upper
139 100
109 68.3 48.4 88.4
65 87.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.827 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion:165 Resp: 170780
Ion Ratio Lower Upper
165 100
63 50.9 36.4 54.6
89 76.1 57.8 86.6
182 2.3 1.6 2.4

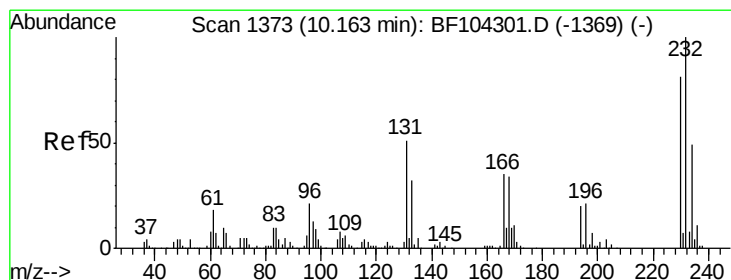
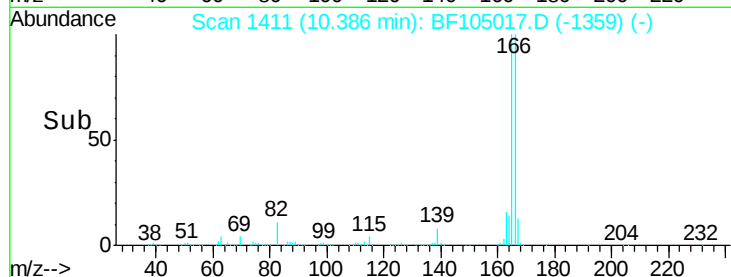
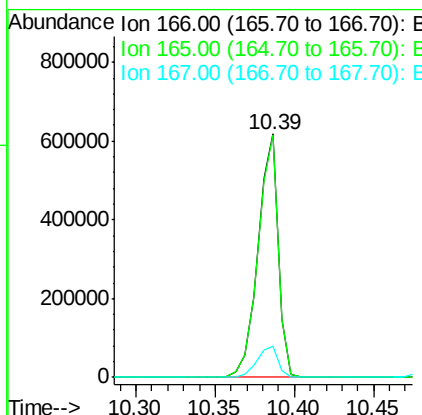
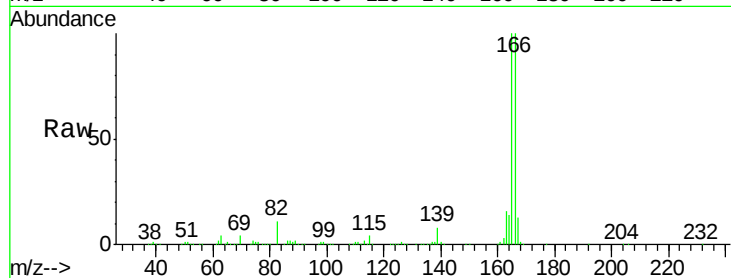




#57
Fluorene
 Concen: 36.196 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

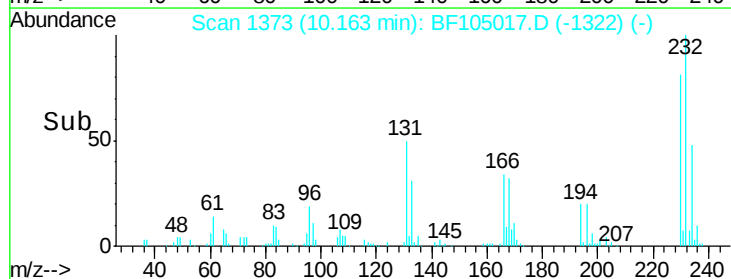
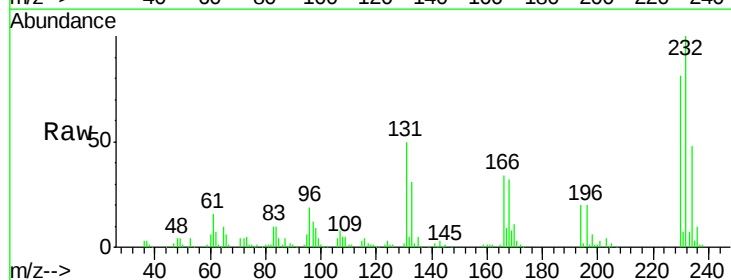
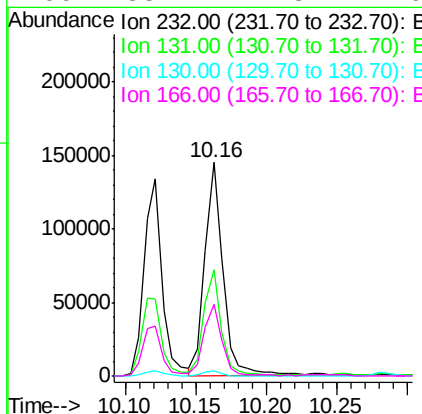
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

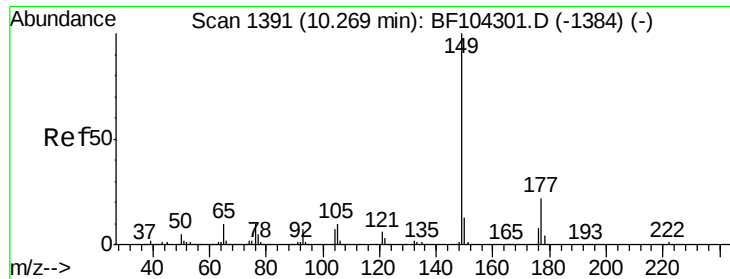
Tgt Ion:166 Resp: 550133
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 13.0 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.160 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion:232 Resp: 129761
 Ion Ratio Lower Upper
 232 100
 131 47.9 43.8 65.8
 130 2.3 2.1 3.1
 166 33.1 27.8 41.6





#59

Diethylphthalate

Concen: 33.431 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

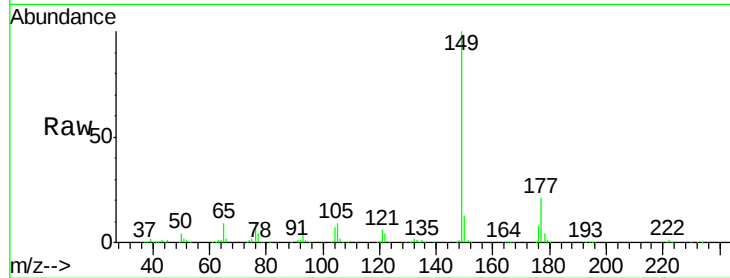
Tgt Ion:149 Resp: 619320

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

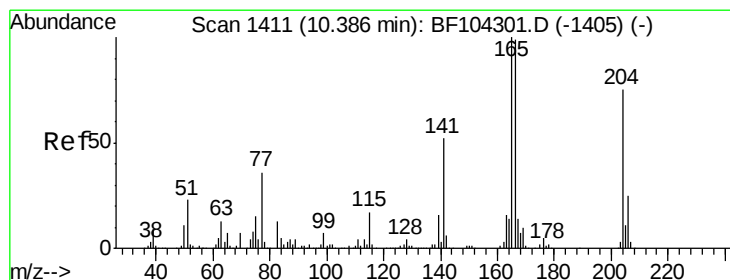
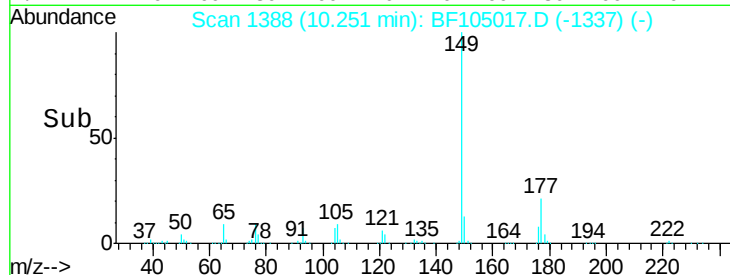
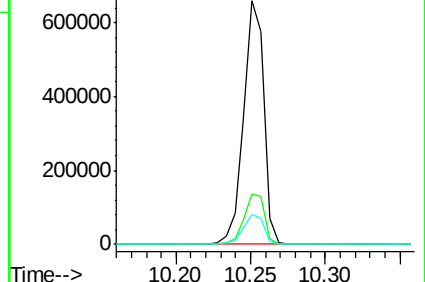
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.453 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

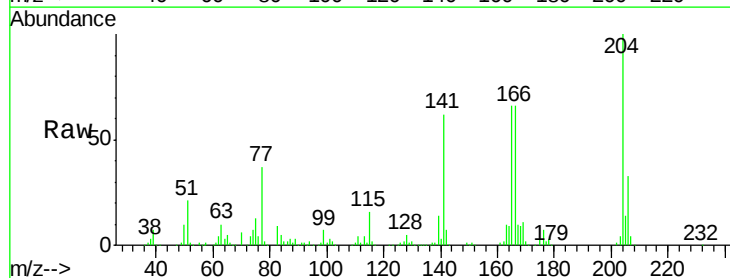
Tgt Ion:204 Resp: 260278

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

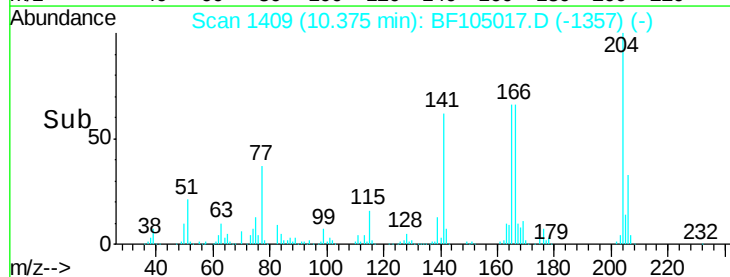
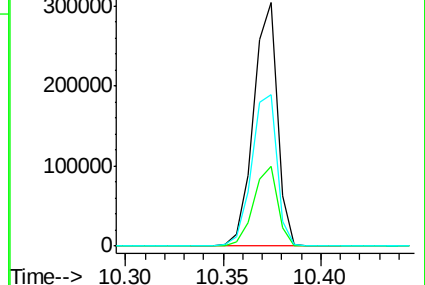
141 62.1 54.6 81.8

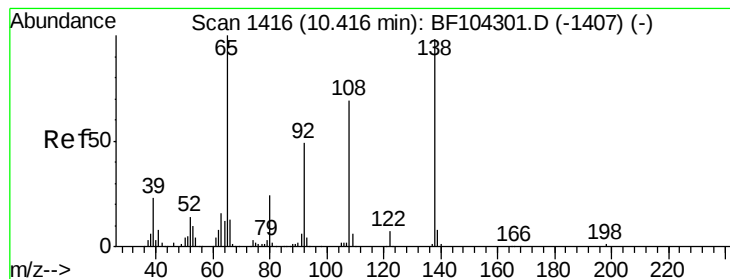


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.089 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

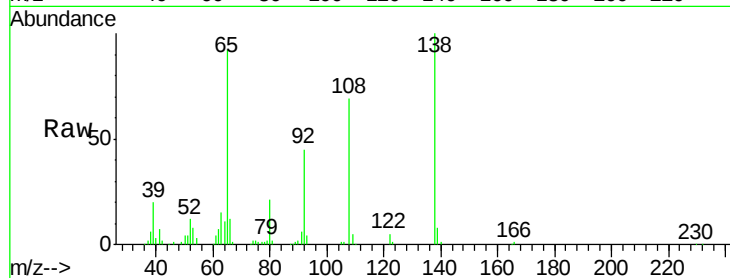
Tgt Ion:138 Resp: 122489

Ion Ratio Lower Upper

138 100

92 44.7 30.2 70.2

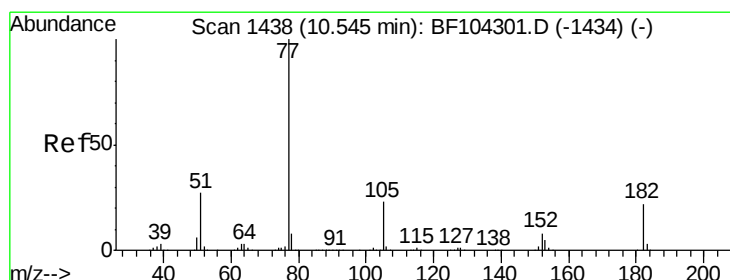
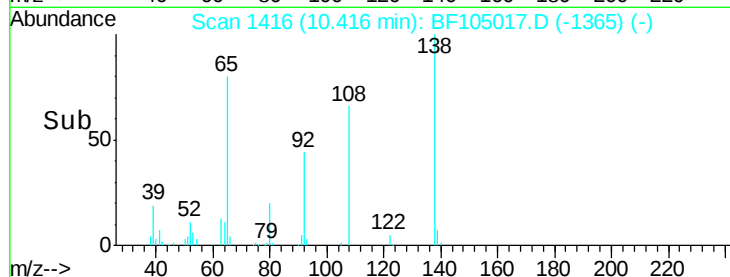
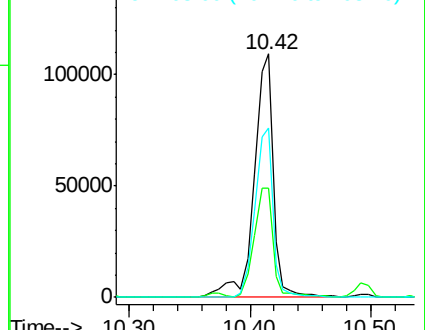
108 69.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.871 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Tgt Ion: 77 Resp: 546385

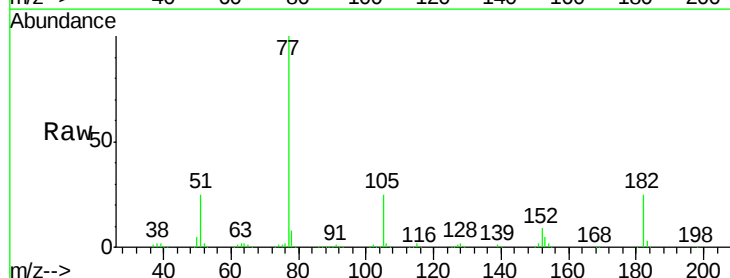
Ion Ratio Lower Upper

77 100

182 24.6 1.7 41.7

105 24.6 3.0 43.0

51 24.6 9.9 49.9

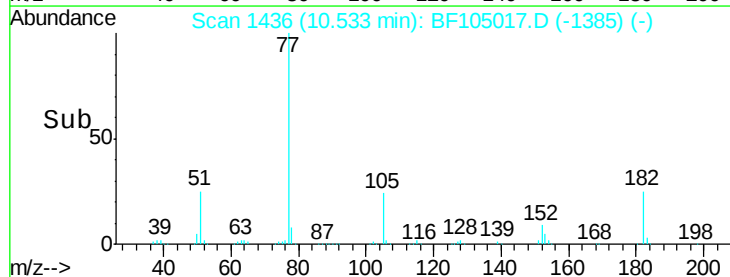
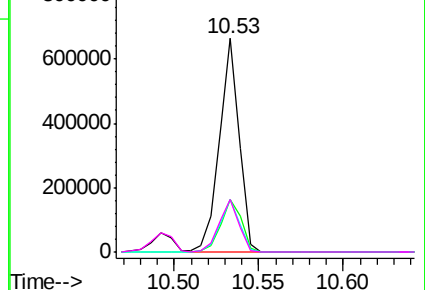


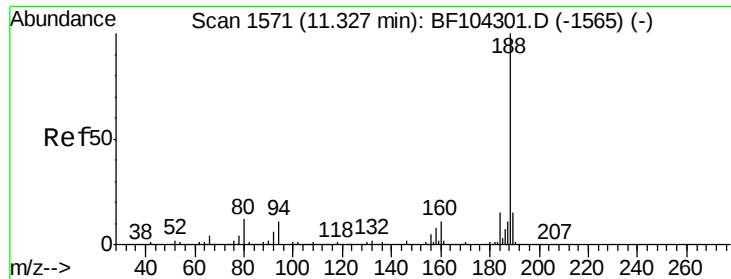
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

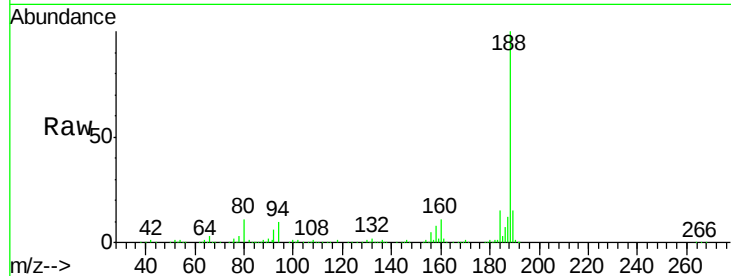
Tgt Ion:188 Resp: 385160

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

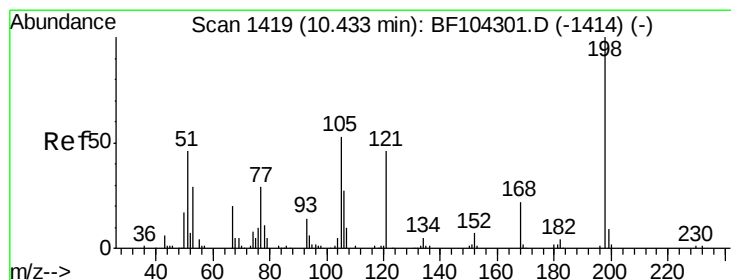
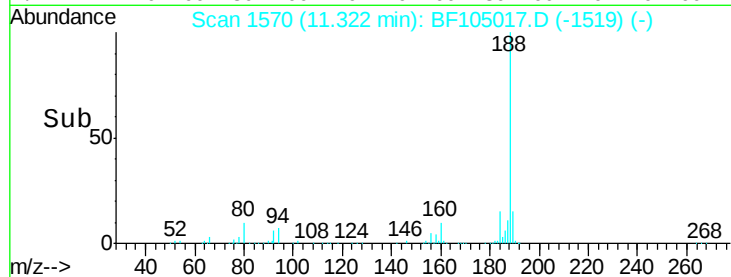
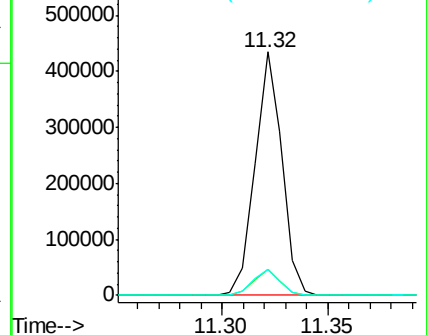
80 10.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 25.019 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

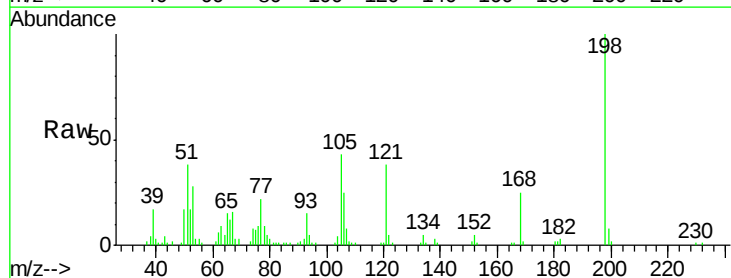
Tgt Ion:198 Resp: 39141

Ion Ratio Lower Upper

198 100

51 38.3 37.7 77.7

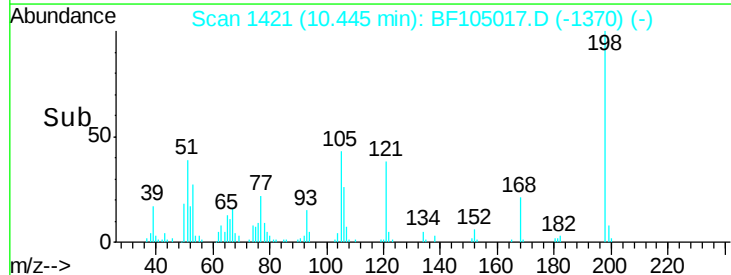
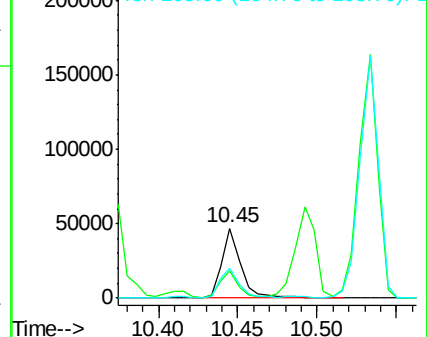
105 42.9 36.3 76.3

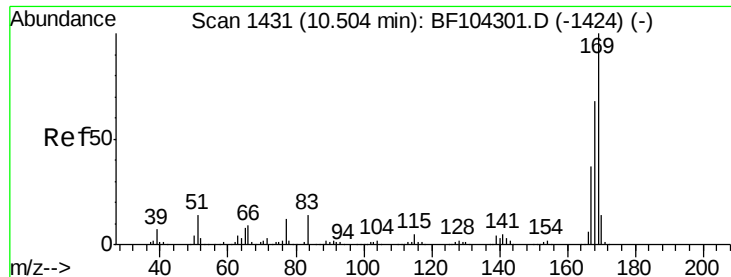


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.332 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

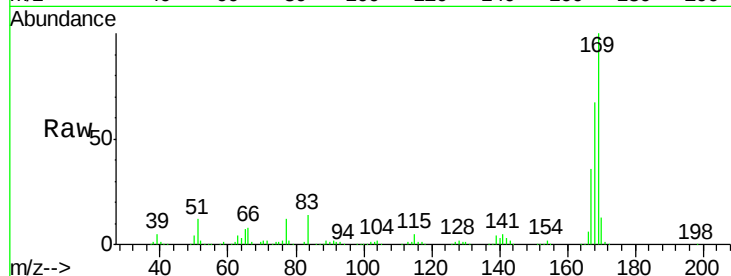
Tgt Ion:169 Resp: 498547

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

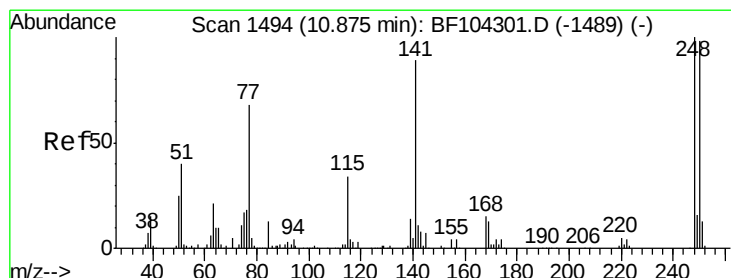
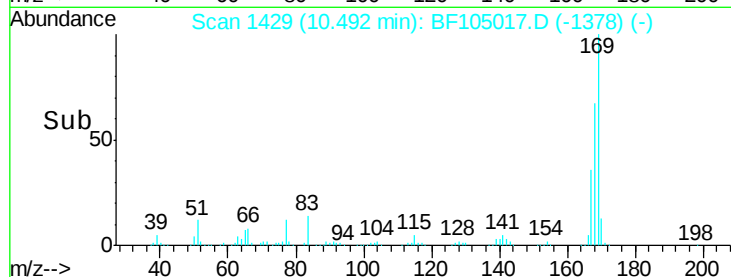
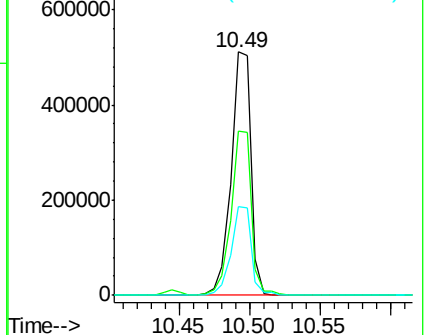
167 36.3 29.8 44.6



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: 38.719 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

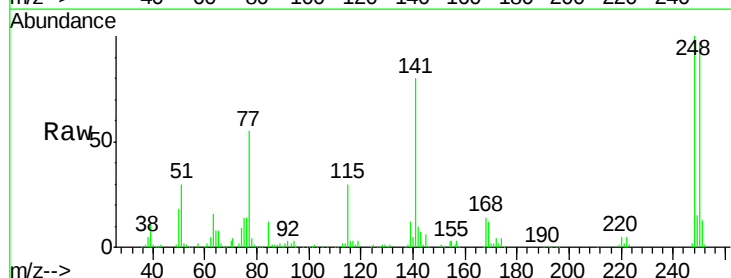
Tgt Ion:248 Resp: 158628

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

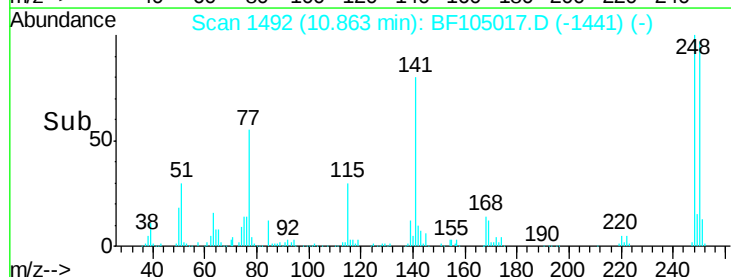
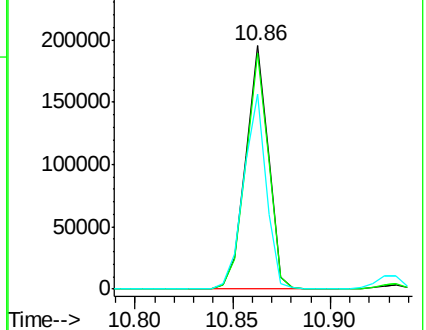
141 80.0 74.4 111.6



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

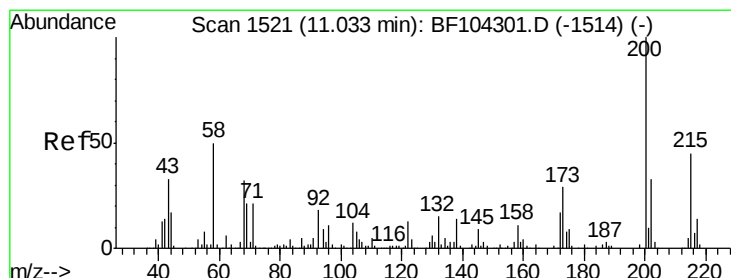
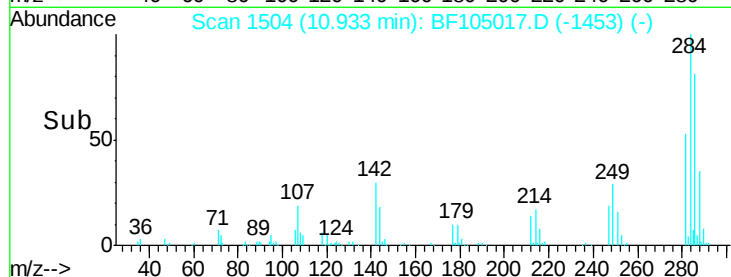
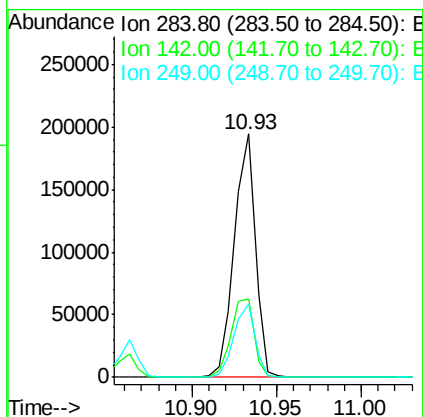
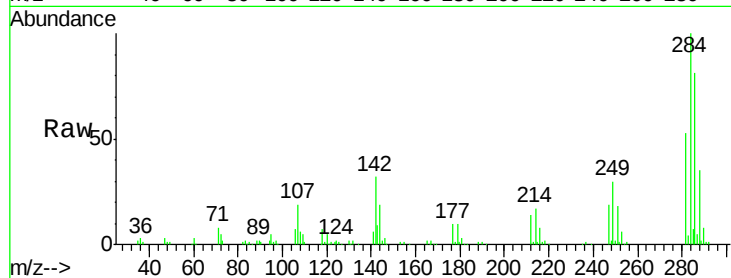




#67
Hexachlorobenzene
Concen: 36.544 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

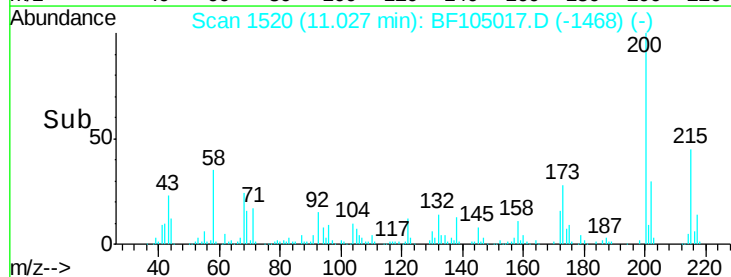
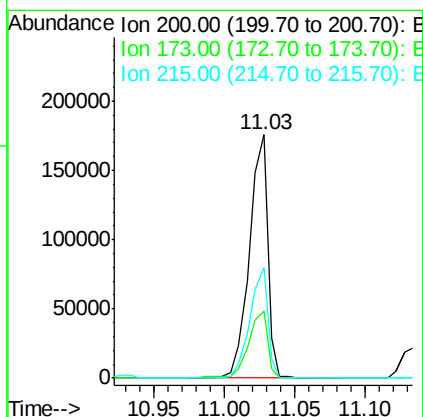
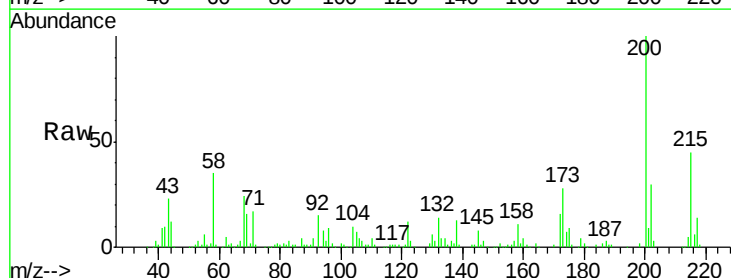
Instrument :
BNA_F
ClientSampleId :
PB108770BSD

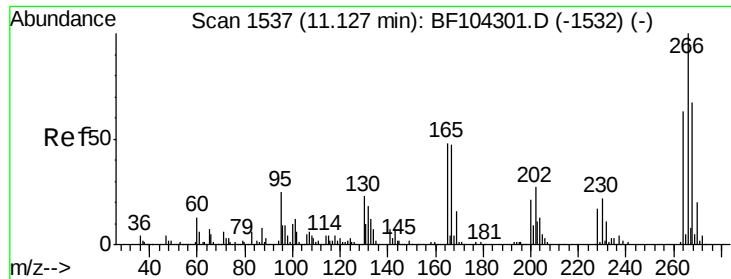
Tgt Ion:284 Resp: 168462
Ion Ratio Lower Upper
284 100
142 32.1 34.6 52.0#
249 30.4 24.8 37.2



#68
Atrazine
Concen: 40.064 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion:200 Resp: 161497
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 45.2 25.1 65.1

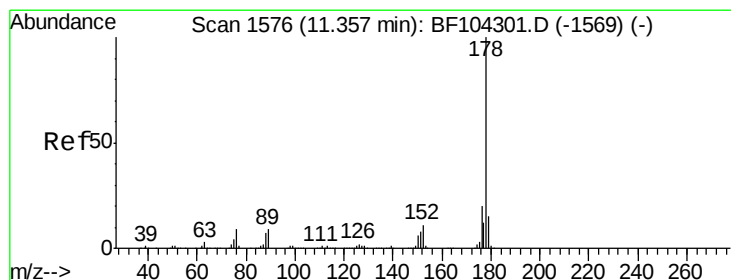
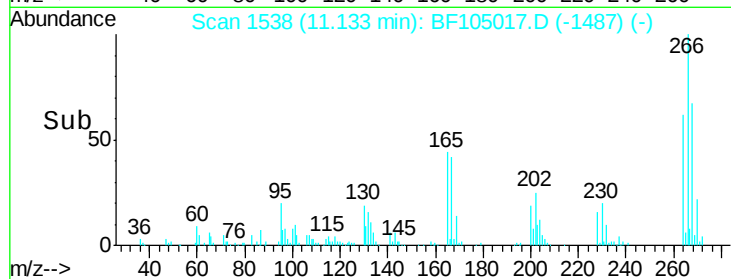
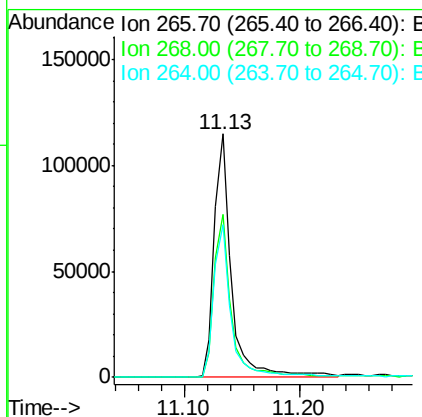
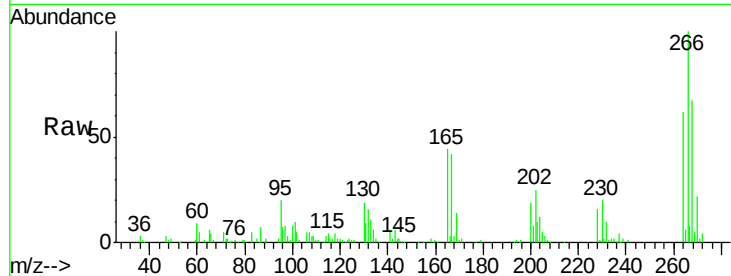




#69
 Pentachlorophenol
 Concen: 42.207 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

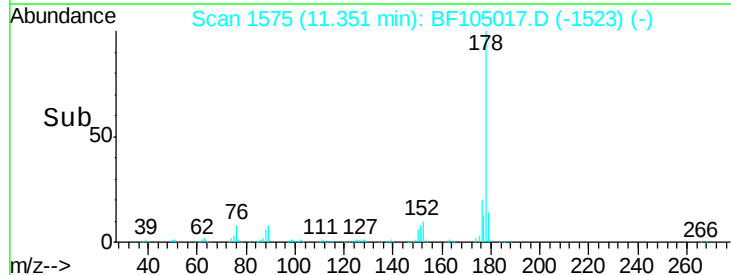
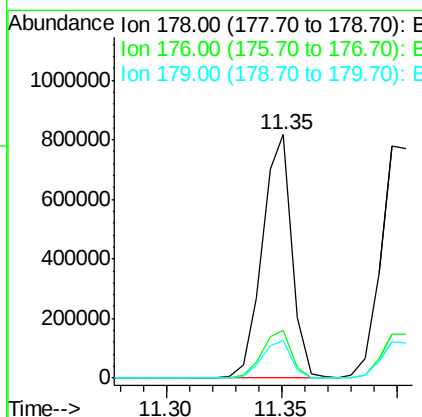
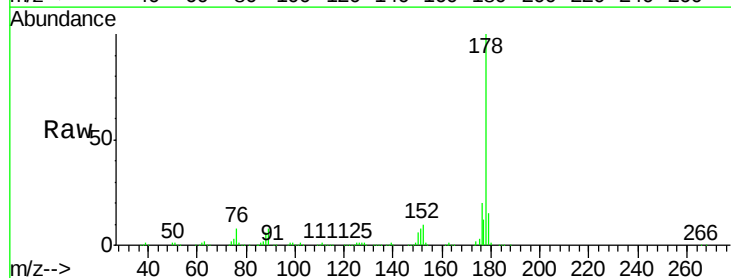
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

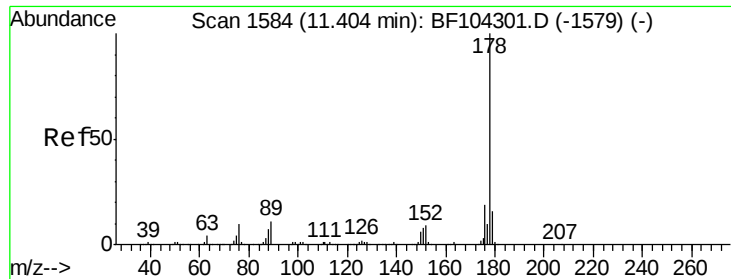
Tgt Ion: 266 Resp: 120368
 Ion Ratio Lower Upper
 266 100
 268 67.1 51.1 76.7
 264 62.5 49.5 74.3



#70
 Phenanthrene
 Concen: 33.960 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion: 178 Resp: 728415
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.3 13.0 19.6

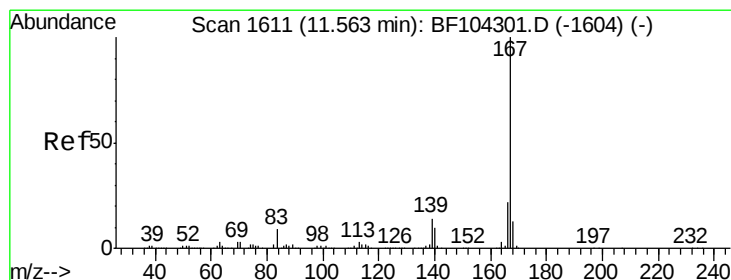
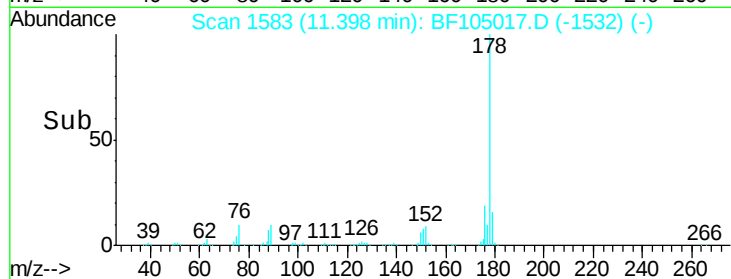
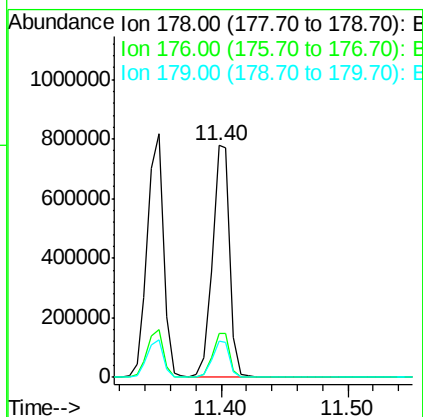
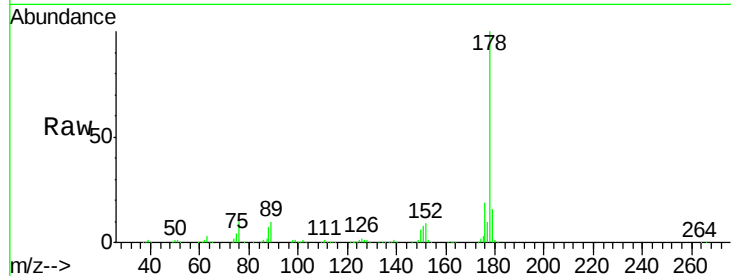




#71
 Anthracene
 Concen: 34.721 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

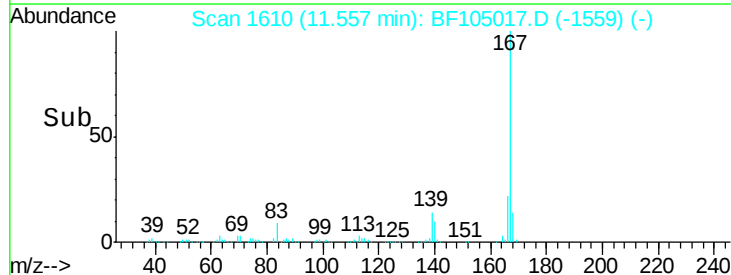
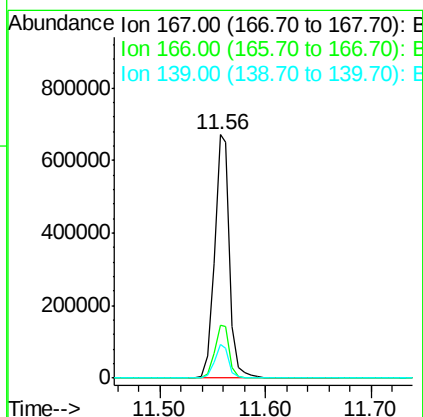
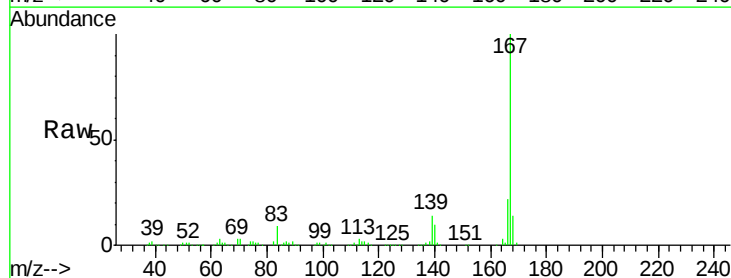
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

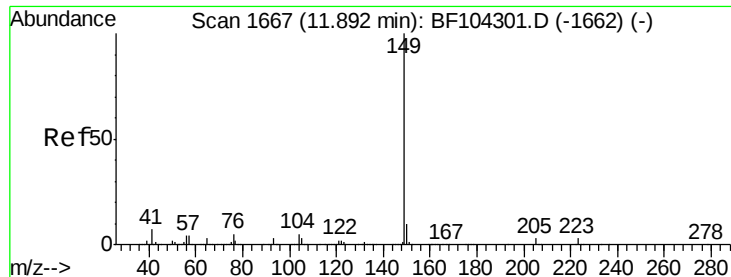
Tgt Ion:178 Resp: 757030
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 31.750 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion:167 Resp: 676469
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.231 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

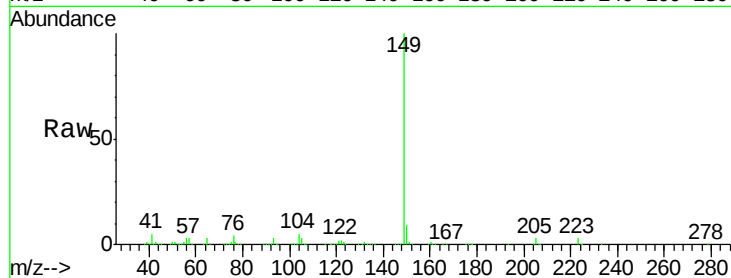
Tgt Ion:149 Resp: 916942

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

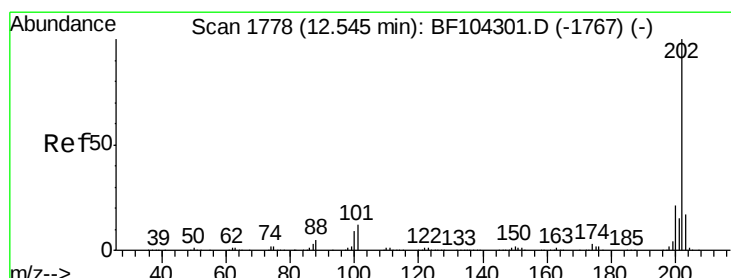
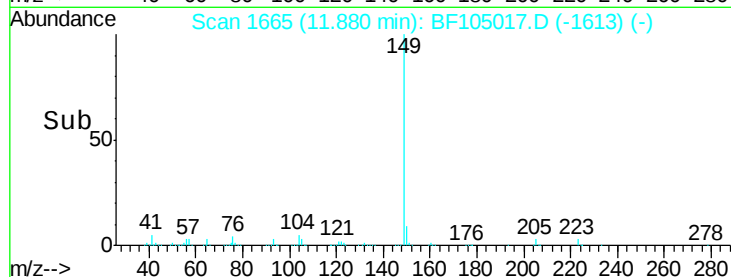
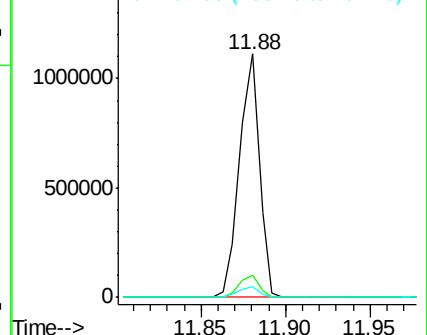
104 4.6 3.8 5.8



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: 29.960 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

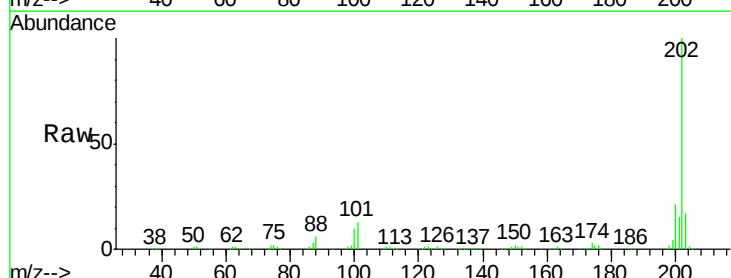
Tgt Ion:202 Resp: 671415

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

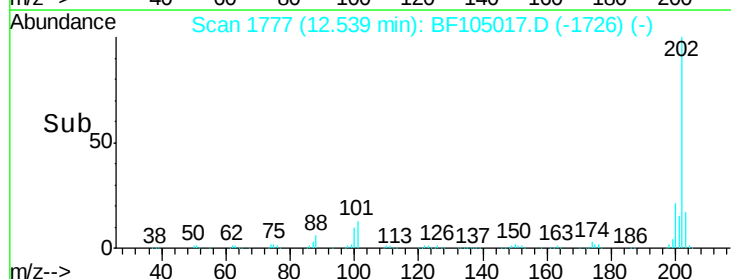
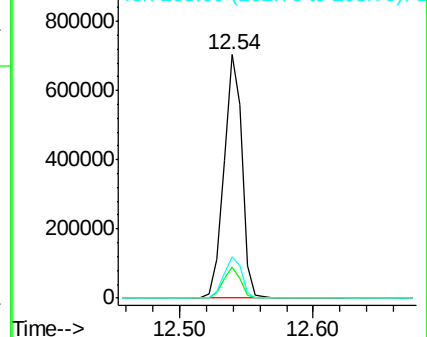
203 17.2 0.0 38.1

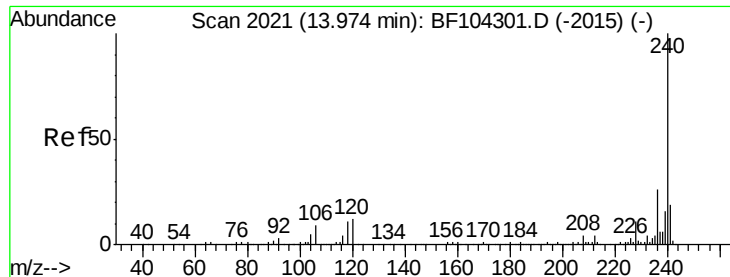


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

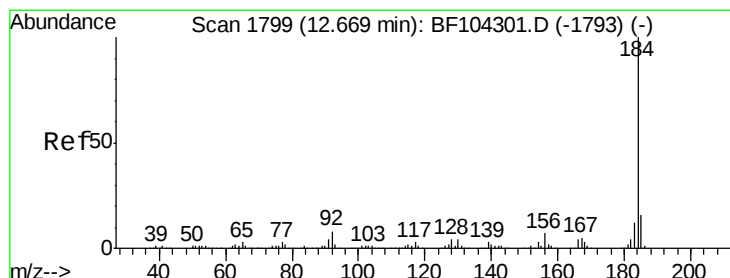
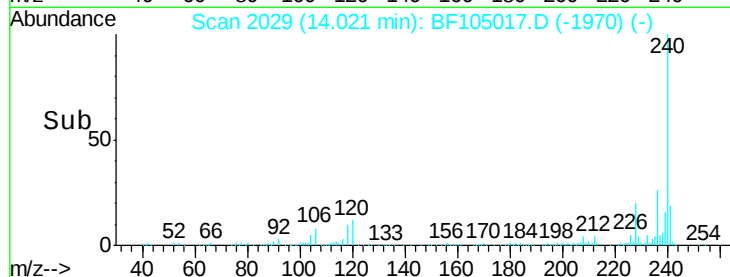
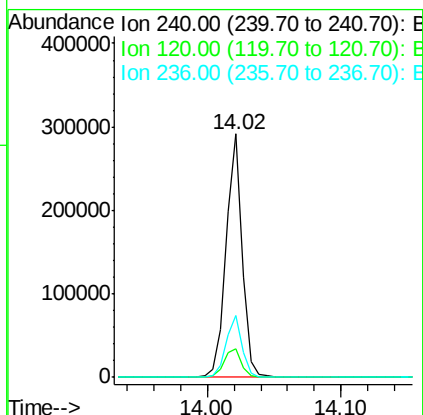
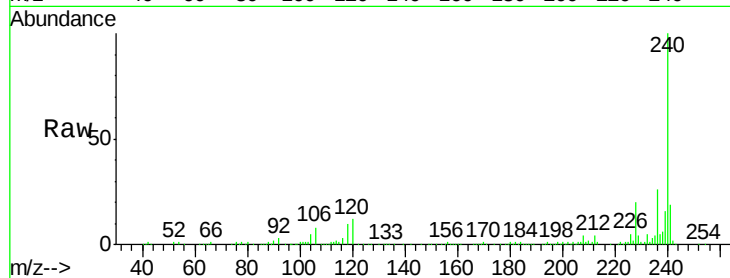




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.05 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

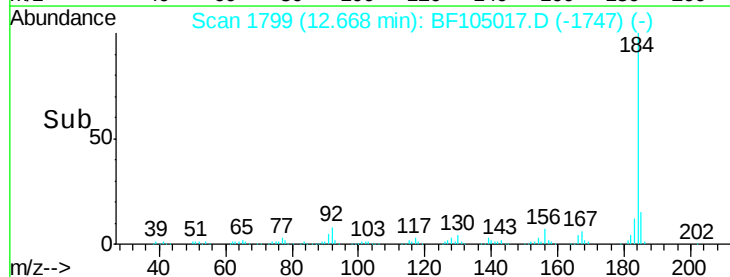
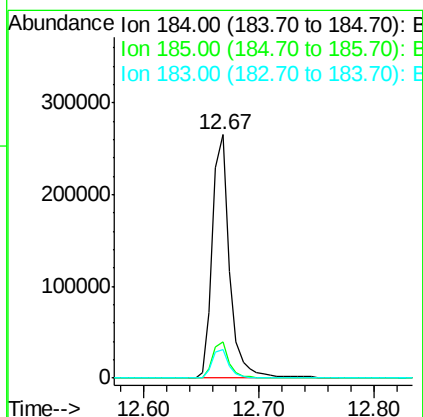
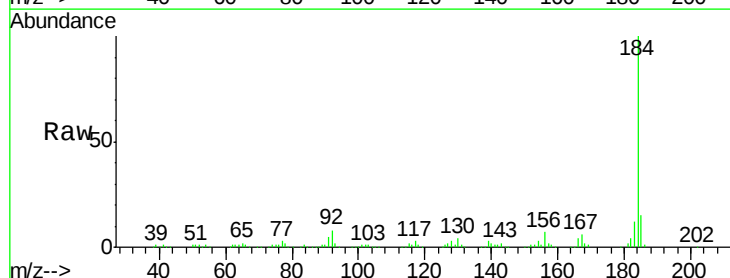
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

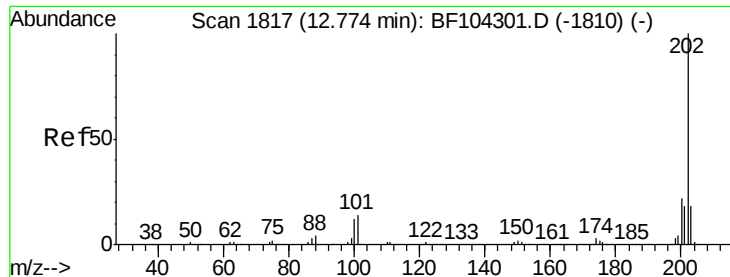
Tgt Ion: 240 Resp: 248143
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 25.5 20.7 31.1



#76
 Benzidine
 Concen: 30.657 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. 0.01 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion: 184 Resp: 276722
 Ion Ratio Lower Upper
 184 100
 185 14.8 12.6 18.8
 183 11.8 9.3 13.9

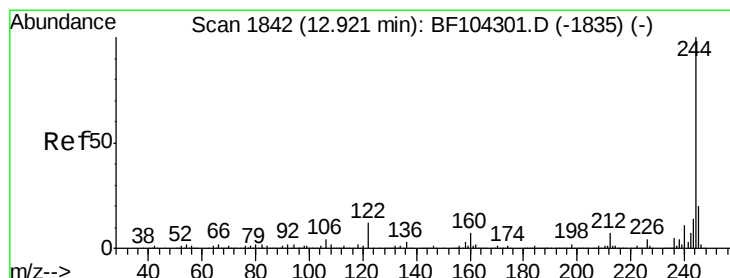
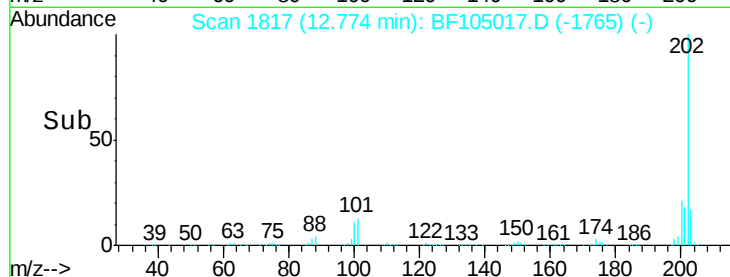
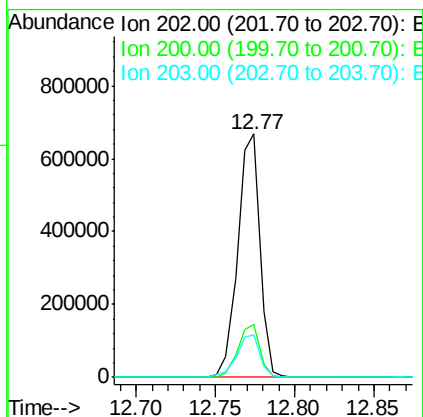
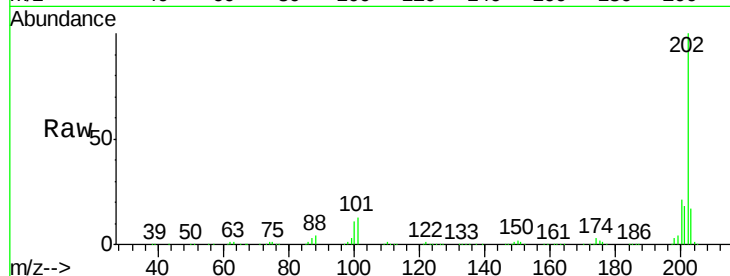




#77
 Pyrene
 Concen: 35.260 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

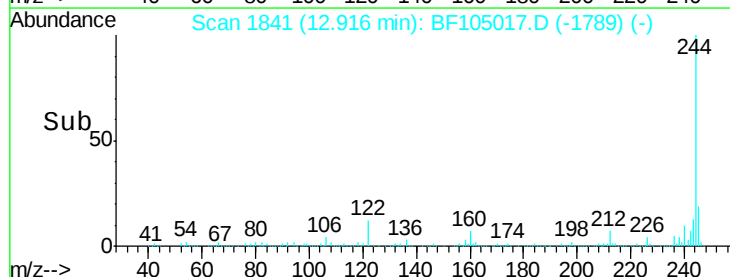
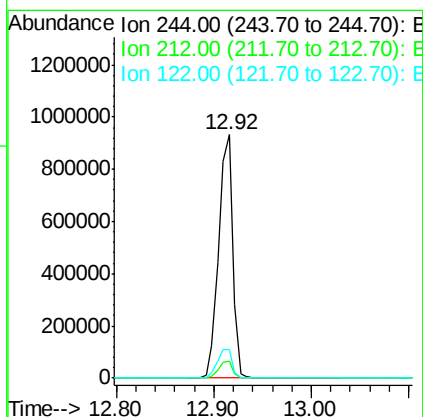
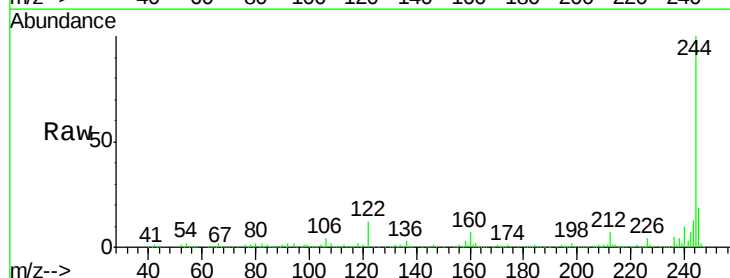
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

Tgt Ion: 202 Resp: 648544
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 17.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 85.981 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion: 244 Resp: 935839
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.7 11.0 16.4

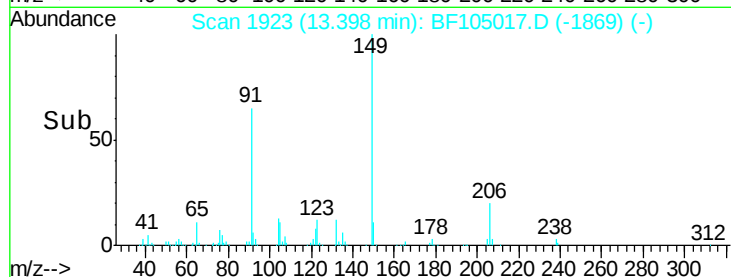
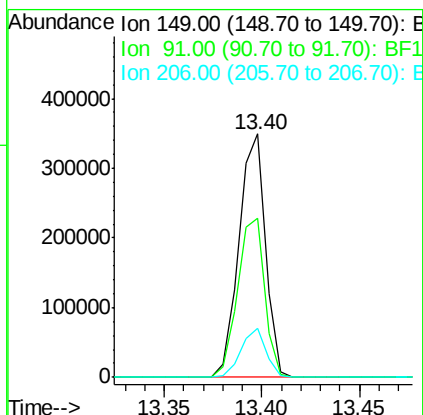
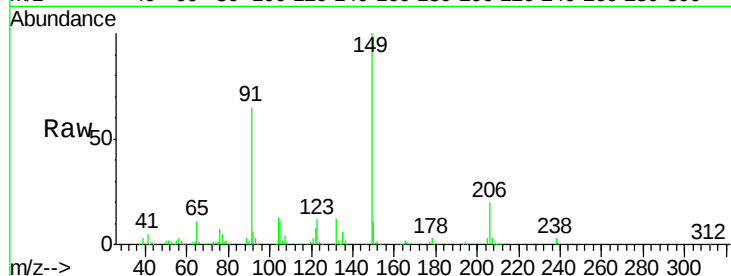




#79
Butylbenzylphthalate
Concen: 38.142 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.02 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

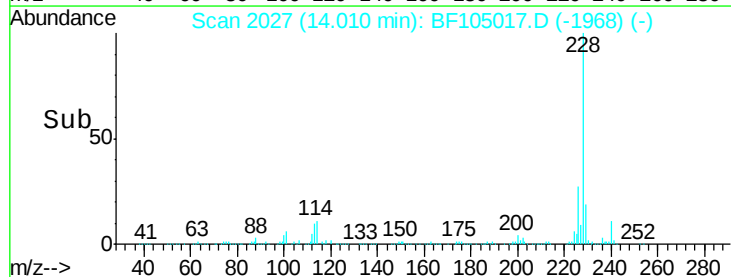
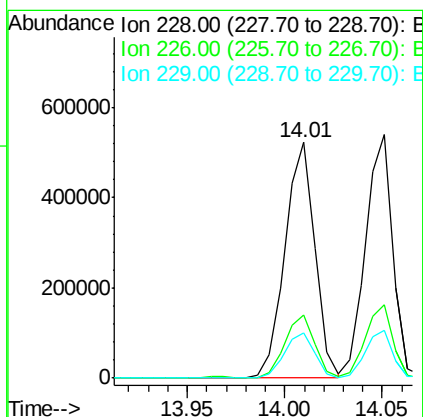
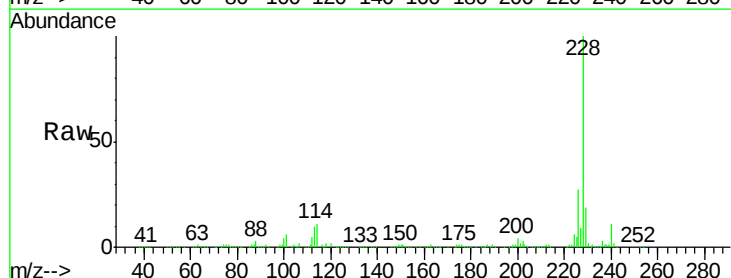
Instrument :
BNA_F
ClientSampleId :
PB108770BSD

Tgt Ion:149 Resp: 330516
Ion Ratio Lower Upper
149 100
91 65.4 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.401 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.05 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion:228 Resp: 554445
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 19.4 15.8 23.6

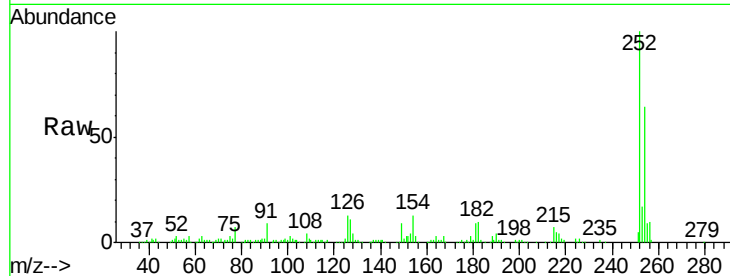




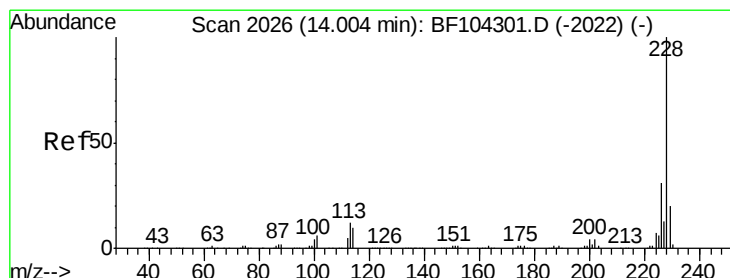
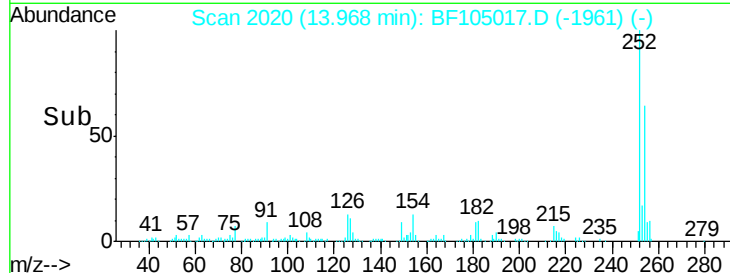
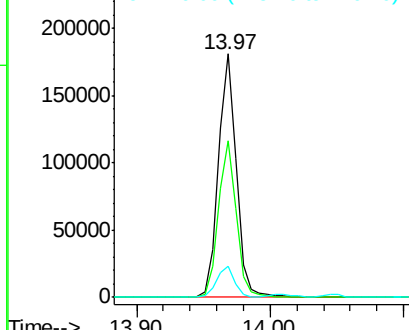
#81
 3,3'-Dichlorobenzidine
 Concen: 31.208 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.05 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

Tgt Ion: 252 Resp: 172495
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 12.6 11.3 16.9

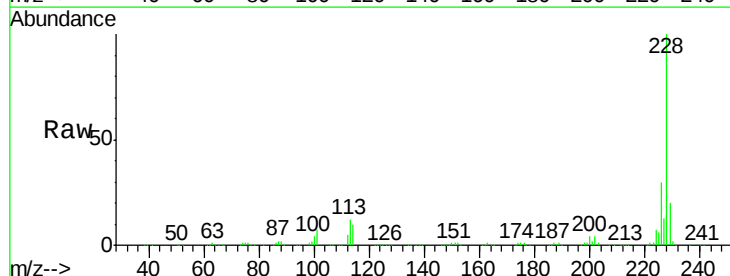


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

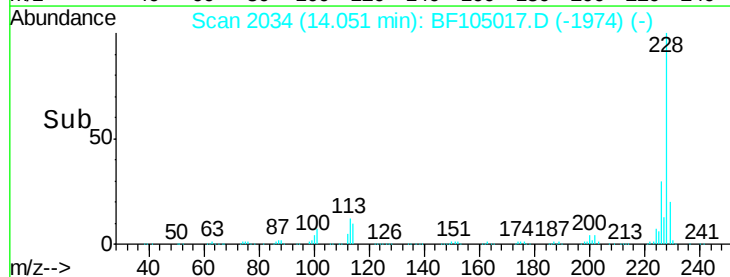
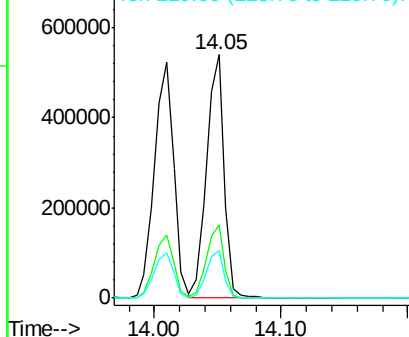


#82
 Chrysene
 Concen: 34.336 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.05 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion: 228 Resp: 522828
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.0 37.6
 229 19.7 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

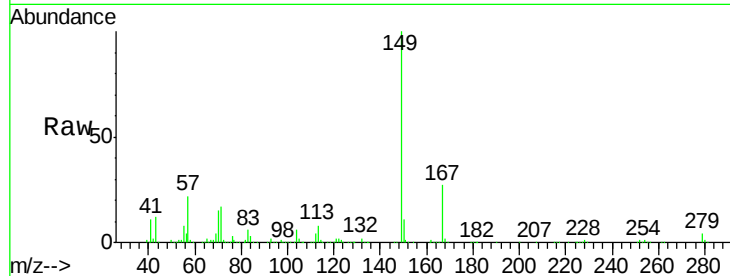




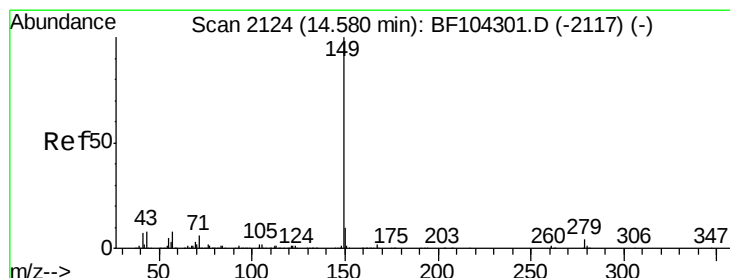
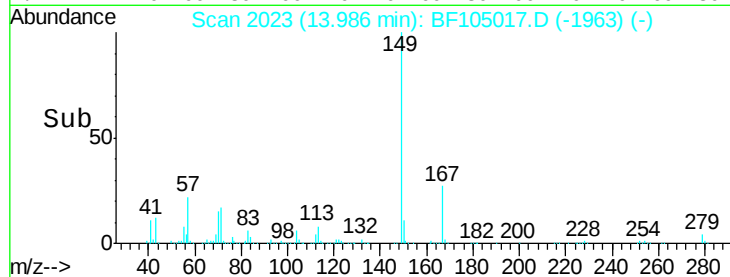
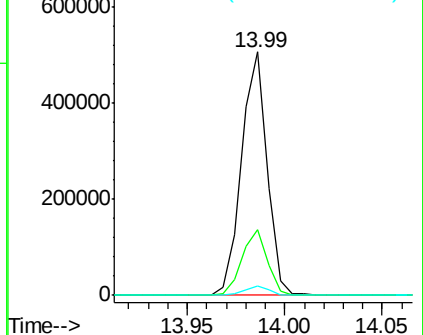
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.306 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.05 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BSD

Tgt Ion:149 Resp: 460388
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.7 3.0 4.4

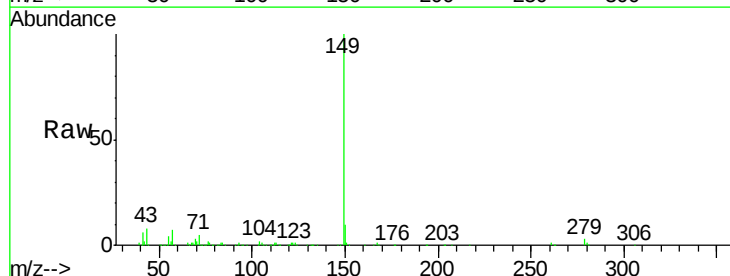


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

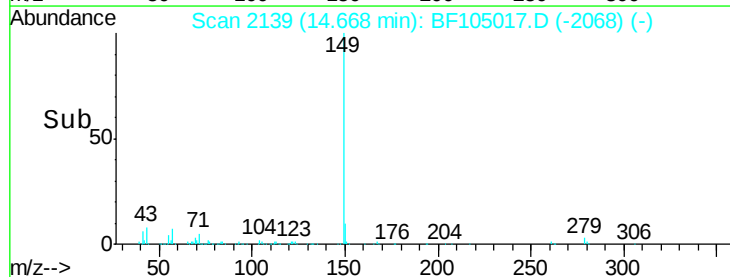
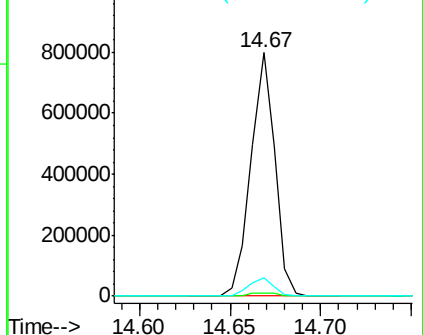


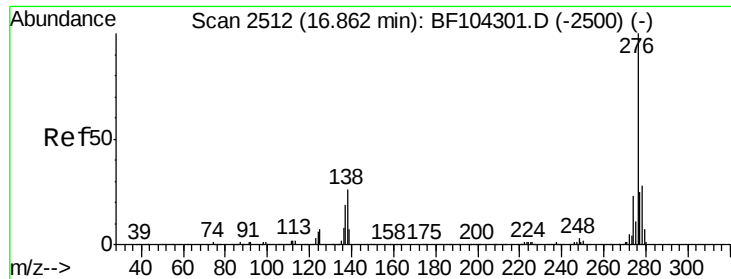
#84
 Di-n-octyl phthalate
 Concen: 39.497 ng
 RT: 14.67 min Scan# 2139
 Delta R.T. 0.12 min
 Lab File: BF105017.D
 Acq: 2 May 2018 7:47

Tgt Ion:149 Resp: 735575
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.6 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: 32.997 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.16 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

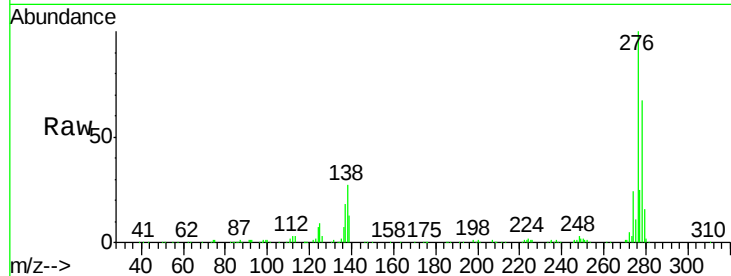
Tgt Ion:276 Resp: 426814

Ion Ratio Lower Upper

276 100

138 27.6 25.0 37.6

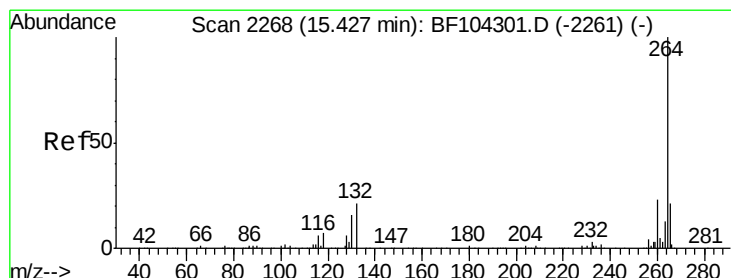
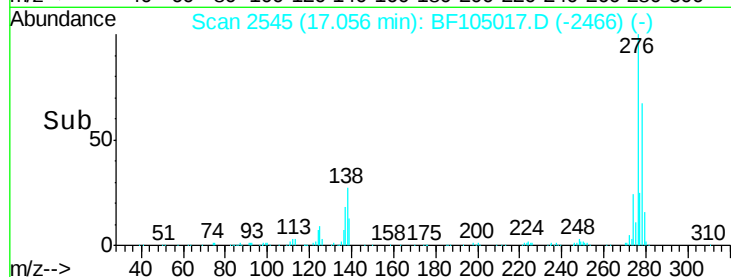
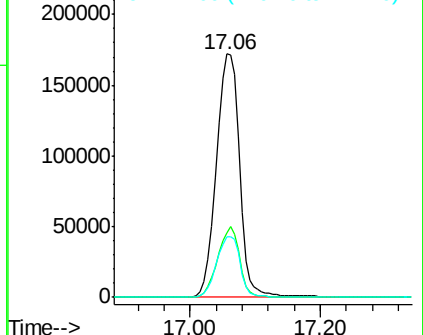
277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.14 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

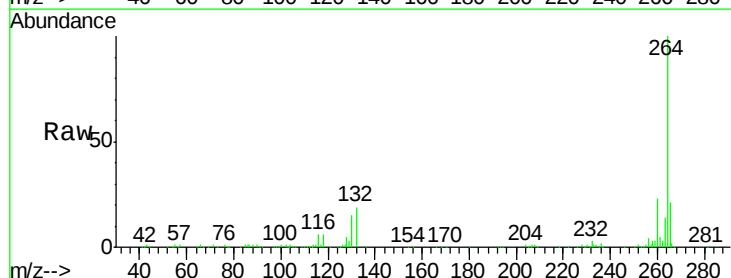
Tgt Ion:264 Resp: 223111

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

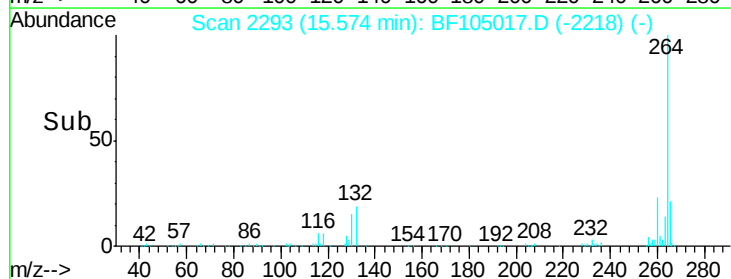
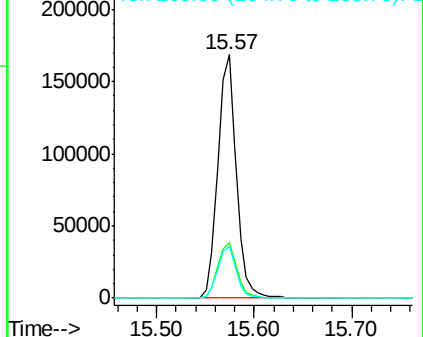
265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

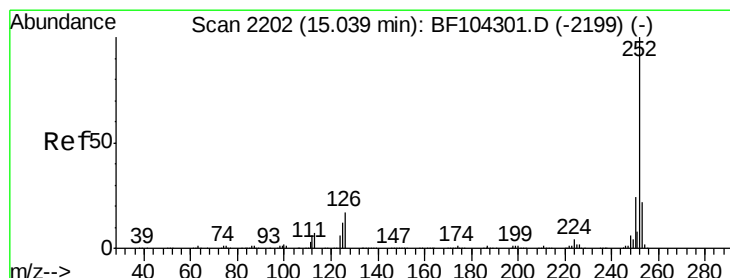
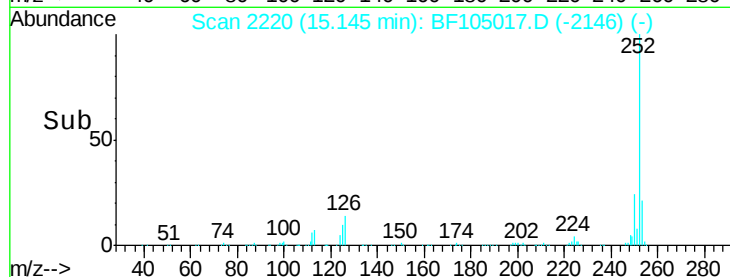
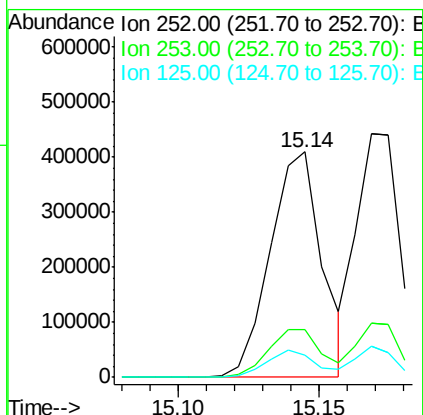
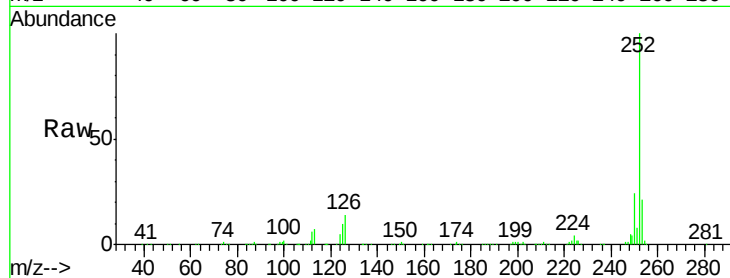




#87
Benzo(b)fluoranthene
Concen: 37.107 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.14 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

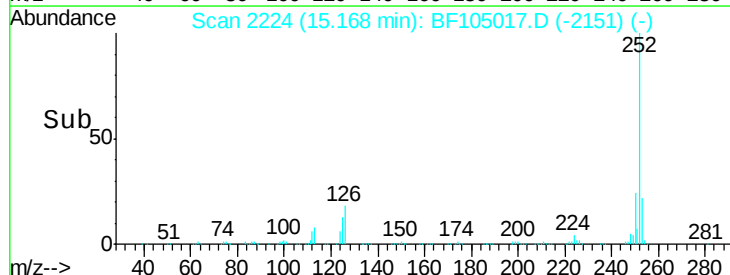
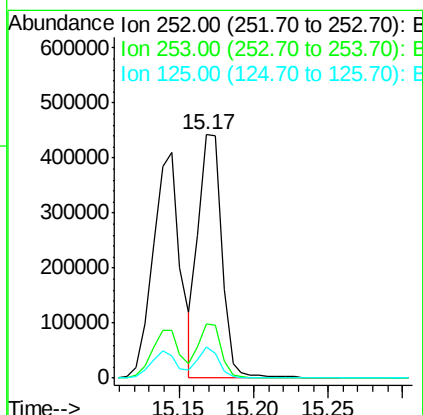
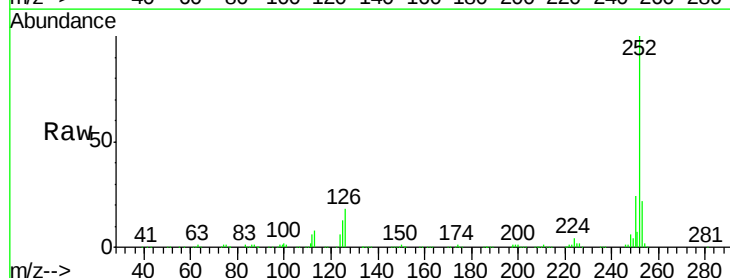
Instrument :
BNA_F
ClientSampleId :
PB108770BSD

Tgt Ion:252 Resp: 522880
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 10.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.011 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.13 min
Lab File: BF105017.D
Acq: 2 May 2018 7:47

Tgt Ion:252 Resp: 479066
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.044 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.14 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD

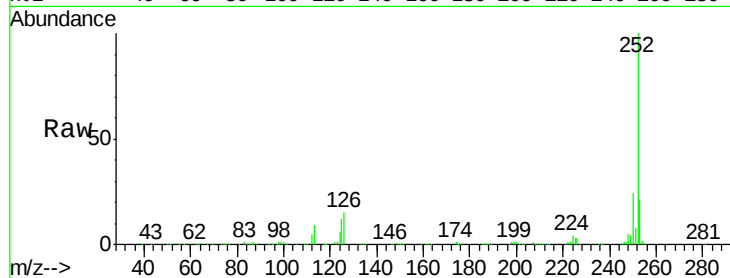
Tgt Ion:252 Resp: 467056

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

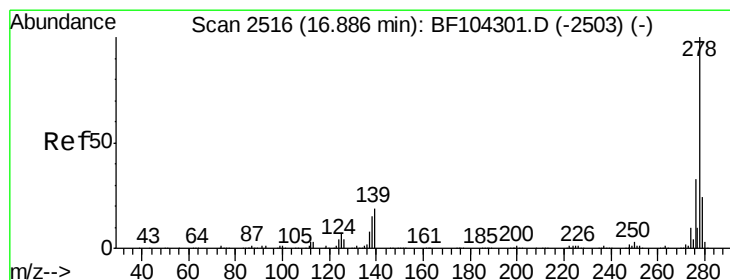
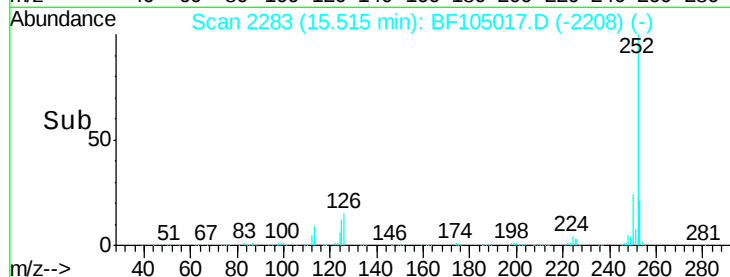
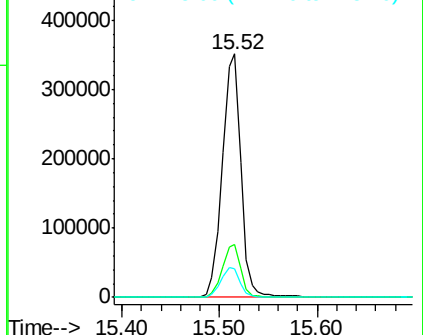
125 11.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.353 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.16 min

Lab File: BF105017.D

Acq: 2 May 2018 7:47

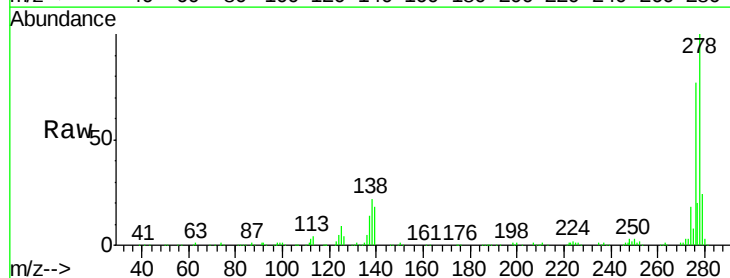
Tgt Ion:278 Resp: 366083

Ion Ratio Lower Upper

278 100

139 18.0 15.9 23.9

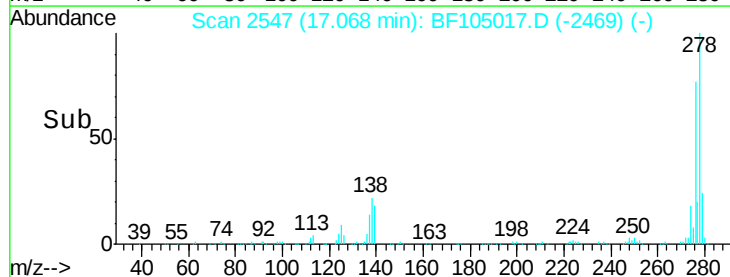
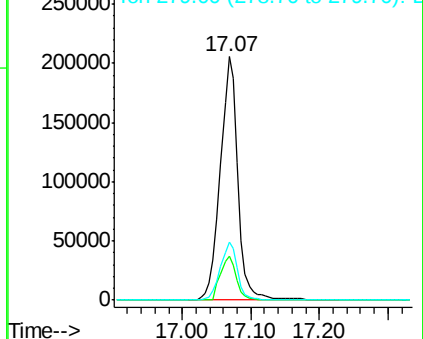
279 23.8 19.0 28.4

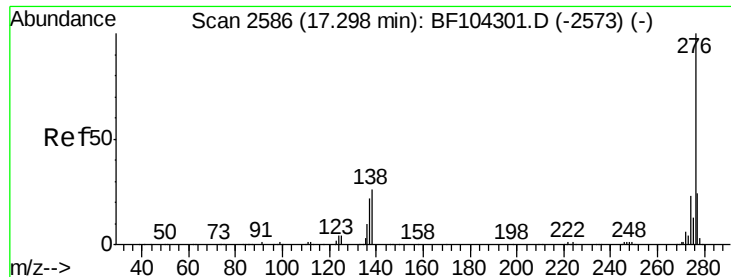


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.779 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.16 min

Lab File: BF105017.D

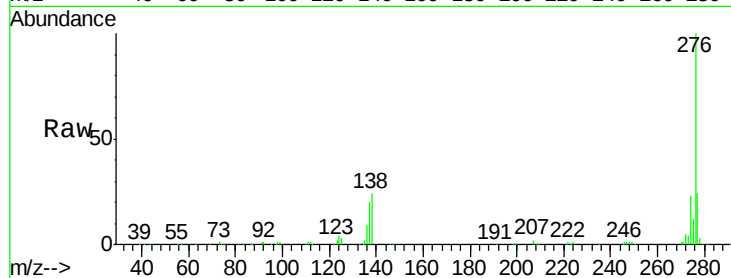
Acq: 2 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108770BSD



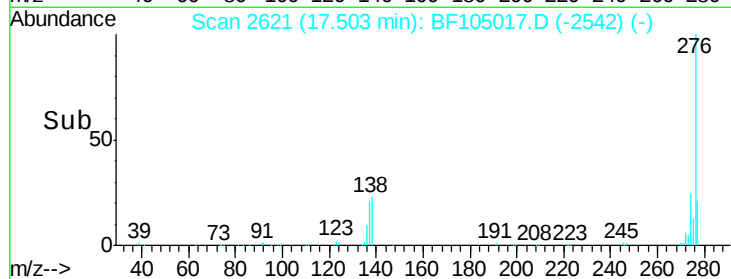
Tgt Ion: 276 Resp: 338887

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 24.2 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

