

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105168.D
 Acq On : 9 May 2018 2:05
 Operator : JU/SJ
 Sample : J2133-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:36:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	196720	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	775605	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	381416	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	745212	20.00	ng	0.00
75) Chrysene-d12	14.00	240	648485	20.00	ng	-0.02
86) Perylene-d12	15.53	264	577909	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1487842	124.60	ng	0.00
7) Phenol-d6	6.42	99	1758087	123.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	1062496	92.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	561771	133.50	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1919157	78.10	ng	0.00
78) Terphenyl-d14	12.91	244	2139602	76.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	33250	5.267	ng	94
3) Pyridine	3.29	79	81315	4.803	ng	# 81
4) n-Nitrosodimethylamine	3.18	42	35804	4.172	ng	# 93
6) Aniline	6.46	93	106253	5.117	ng	97
8) 2-Chlorophenol	6.57	128	68072	5.374	ng	97
9) Benzaldehyde	6.35	77	31518	2.892	ng	93
10) Phenol	6.43	94	80404	5.081	ng	# 64
11) bis(2-Chloroethyl)ether	6.53	93	68908	5.284	ng	89
12) 1,3-Dichlorobenzene	6.73	146	88062	5.768	ng	97
13) 1,4-Dichlorobenzene	6.81	146	87470	5.729	ng	96
14) 1,2-Dichlorobenzene	6.96	146	79382	5.637	ng	98
15) Benzyl Alcohol	6.93	79	73758	6.778	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	126448	5.218	ng	96
17) 2-Methylphenol	7.03	107	59535	5.443	ng	96
18) Hexachloroethane	7.30	117	27904	5.680	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	51519	5.473	ng	# 87
20) 3+4-Methylphenols	7.19	107	78031	6.071	ng	96
22) Acetophenone	7.20	105	109799	6.073	ng	# 97
24) Nitrobenzene	7.37	77	79325	6.113	ng	99
25) Isophorone	7.60	82	124924	4.881	ng	96
26) 2-Nitrophenol	7.69	139	26149	13.921	ng	98
27) 2,4-Dimethylphenol	7.72	122	49784	4.377	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	81709	5.173	ng	98
29) 2,4-Dichlorophenol	7.92	162	55484	5.214	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	70940	5.781	ng	97
31) Naphthalene	8.09	128	217955	5.836	ng	98
32) Benzoic acid	7.77	122	28161	13.182	ng	92
33) 4-Chloroaniline	8.14	127	83677	5.388	ng	98
34) Hexachlorobutadiene	8.21	225	42054	5.916	ng	98
35) Caprolactam	8.47	113	15082	4.667	ng	# 75
36) 4-Chloro-3-methylphenol	8.61	107	54765	4.943	ng	92
37) 2-Methylnaphthalene	8.78	142	147853	5.680	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	73664	6.069	ng	# 96
40) Hexachlorocyclopentadiene	8.93	237	31330	4.774	ng	99

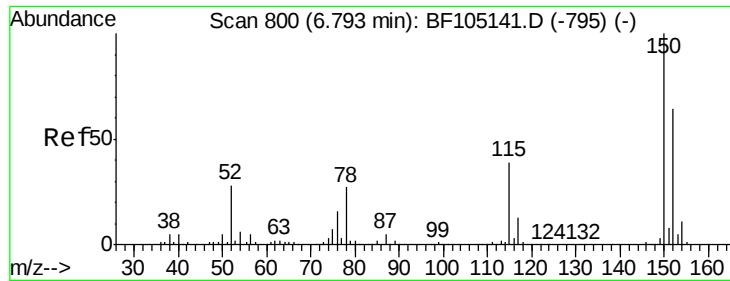
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105168.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	36955	4.990	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	43364	5.604	nq	87
45) 1,1'-Biphenyl	9.25	154	199673	6.425	nq	98
46) 2-Chloronaphthalene	9.27	162	139406	6.002	nq	96
47) 2-Nitroaniline	9.36	65	33587	10.213	nq	86
48) Acenaphthylene	9.69	152	216336	6.031	nq	99
49) Dimethylphthalate	9.55	163	156490	6.061	nq	99
50) 2,6-Dinitrotoluene	9.60	165	30604	5.462	nq	97
51) Acenaphthene	9.86	154	138783	6.003	nq	99
52) 3-Nitroaniline	9.77	138	32648	5.532	nq	94
53) 2,4-Dinitrophenol	9.87	184	5913	13.262	nq #	22
54) Dibenzofuran	10.03	168	199439	5.897	nq	97
55) 4-Nitrophenol	9.92	139	21590	8.147	nq	94
56) 2,4-Dinitrotoluene	10.00	165	37635	8.281	nq	93
57) Fluorene	10.37	166	156086	6.294	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	33809	4.895	nq #	87
59) Diethylphthalate	10.25	149	150604	5.935	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	74409	6.445	nq #	87
61) 4-Nitroaniline	10.38	138	30345	5.167	nq	98
62) Azobenzene	10.53	77	146922	5.550	nq	95
64) 4,6-Dinitro-2-methylphenol	10.41	198	12484	13.325	nq	88
65) n-Nitrosodiphenylamine	10.49	169	135789	5.845	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	43624	5.489	nq #	86
67) Hexachlorobenzene	10.92	284	53450	5.837	nq #	84
68) Atrazine	11.00	200	26173	3.595	nq	99
69) Pentachlorophenol	11.11	266	24298	7.539	nq	94
70) Phenanthrene	11.33	178	233015	5.931	nq	98
71) Anthracene	11.39	178	228168	5.716	nq	98
72) Carbazole	11.54	167	208437	5.794	nq	98
73) Di-n-butylphthalate	11.87	149	215776	5.608	nq	99
74) Fluoranthene	12.52	202	234800	5.735	nq	96
76) Benzidine	12.64	184	43130	1.781	nq #	90
77) Pyrene	12.75	202	247008	5.237	nq	97
79) Butylbenzylphthalate	13.39	149	70022	10.417	nq	96
80) Benzo(a)anthracene	13.99	228	214330	5.450	nq	96
81) 3,3'-Dichlorobenzidine	13.94	252	58948	3.987	nq	99
82) Chrysene	14.02	228	220567	5.446	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	106321	5.452	nq	99
84) Di-n-octyl phthalate	14.67	149	133376	9.952	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.97	276	144362	4.498	nq #	93
87) Benzo(b)fluoranthene	15.13	252	180109	5.094	nq	98
88) Benzo(k)fluoranthene	15.13	252	180109	5.254	nq #	96
89) Benzo(a)pyrene	15.47	252	159529	4.961	nq #	97
90) Dibenzo(a,h)anthracene	16.99	278	123692	4.953	nq	96
91) Benzo(g,h,i)perylene	17.40	276	120271	4.922	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

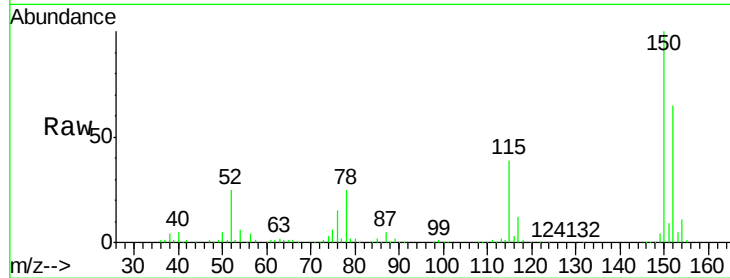
Tot Ion:152 Resp: 196720

Ion Ratio Lower Upper

152 100

150 153.3 124.6 186.8

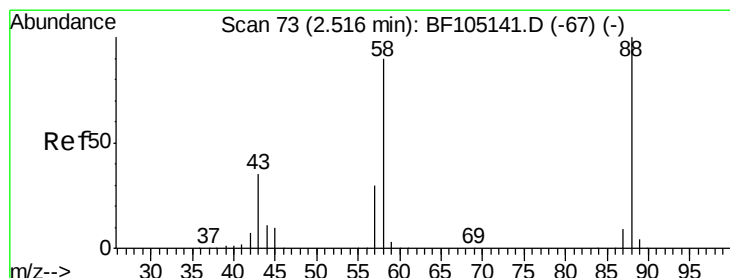
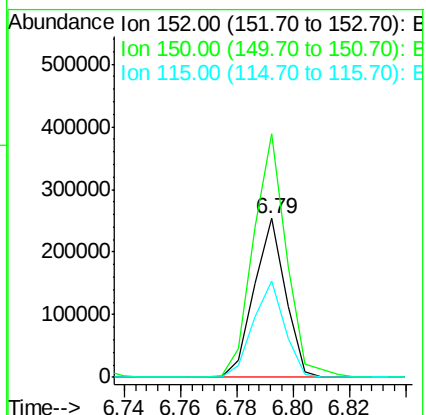
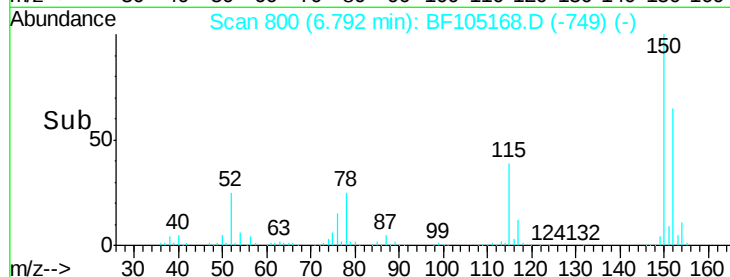
115 60.4 50.1 75.1



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: 5.267 ng

RT: 2.52 min Scan# 73

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

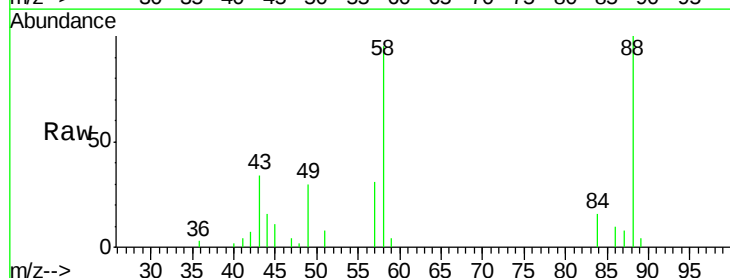
Tgt Ion: 88 Resp: 33250

Ion Ratio Lower Upper

88 100

58 84.8 62.6 93.8

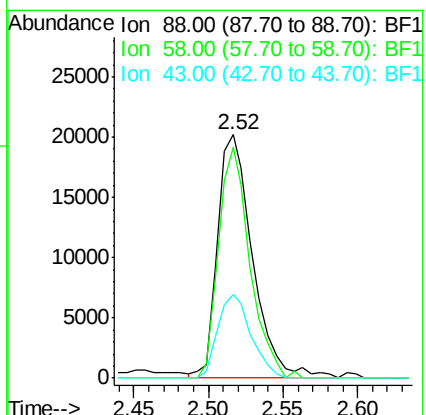
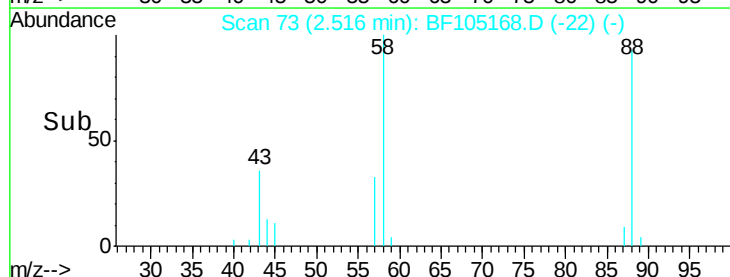
43 32.4 24.6 37.0

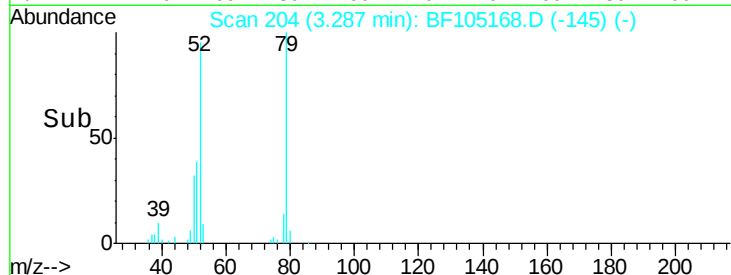
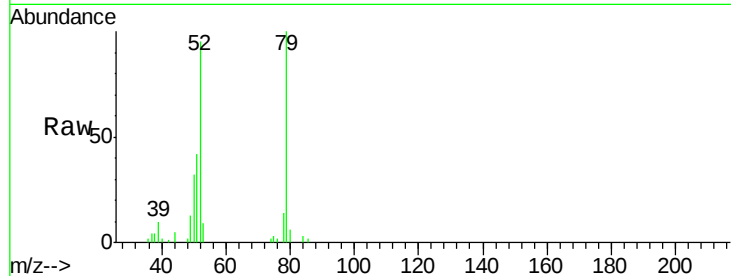
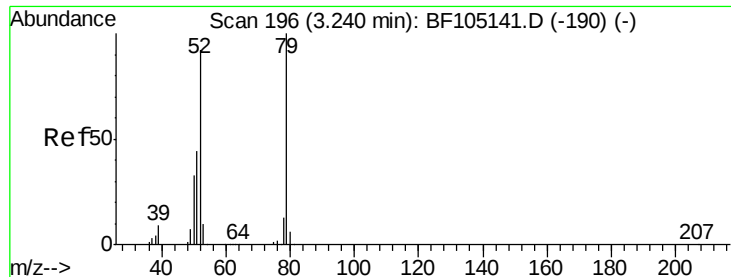


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

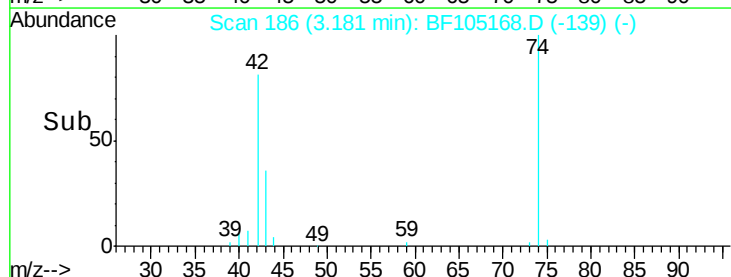
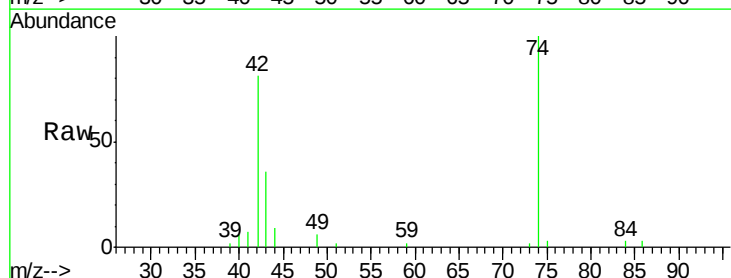
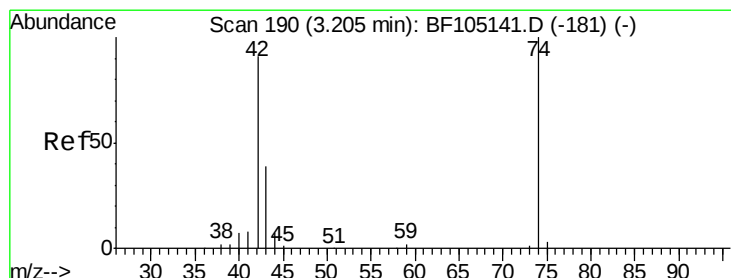
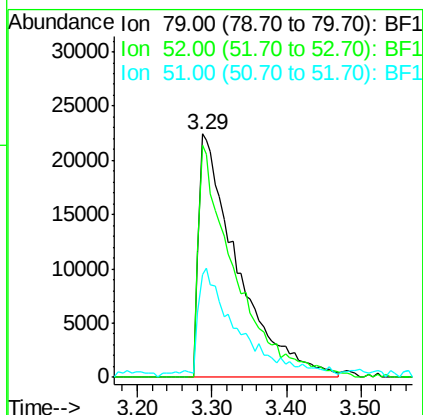




#3
 Pvridine
 Concen: 4.803 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.05 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

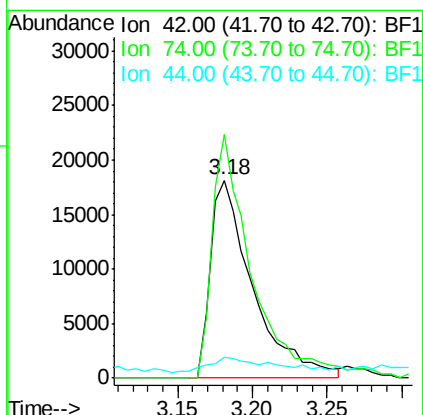
Instrument :
 BNA_F
 ClientSampleId :

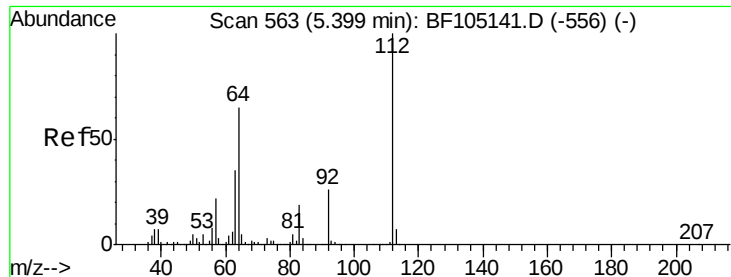
Tot Ion	Ratio	Lower	Upper
79	100		
52	95.3	59.8	89.6#
51	42.0	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 4.172 ng
 RT: 3.18 min Scan# 186
 Delta R.T. -0.02 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.9	104.9	157.3
44	10.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 124.600 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

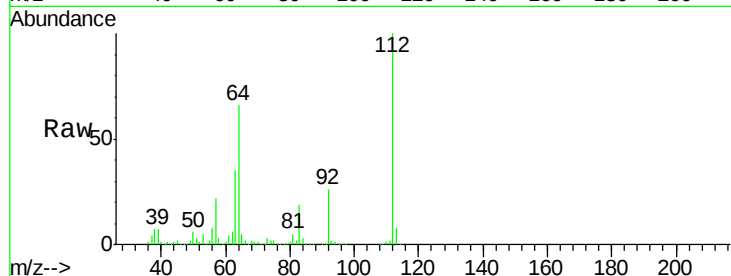
Tot Ion:112 Resp: 1487842

Ion Ratio Lower Upper

112 100

64 65.6 47.9 71.9

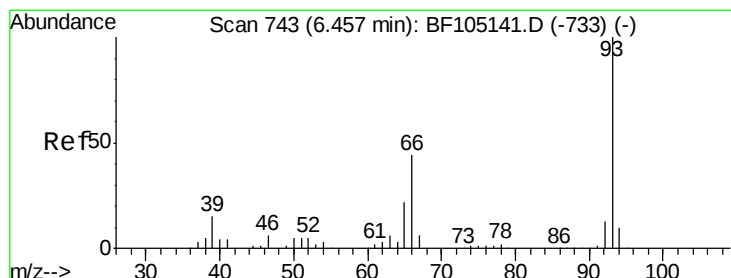
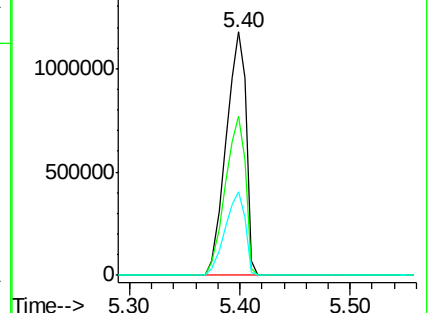
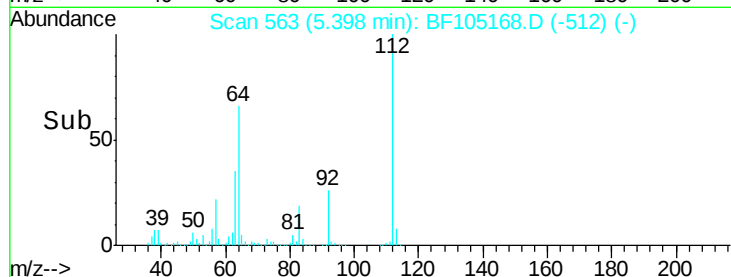
63 34.5 23.7 35.5



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: 5.117 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

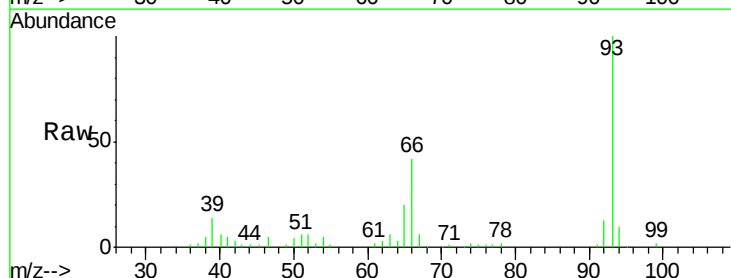
Tgt Ion: 93 Resp: 106253

Ion Ratio Lower Upper

93 100

66 42.4 32.2 48.2

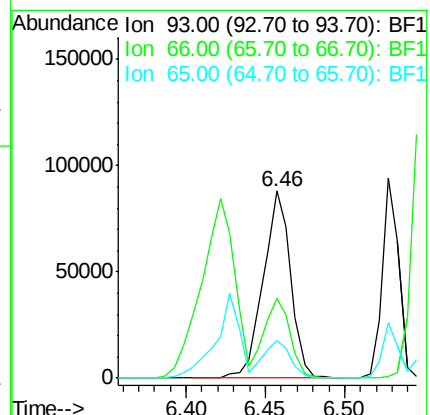
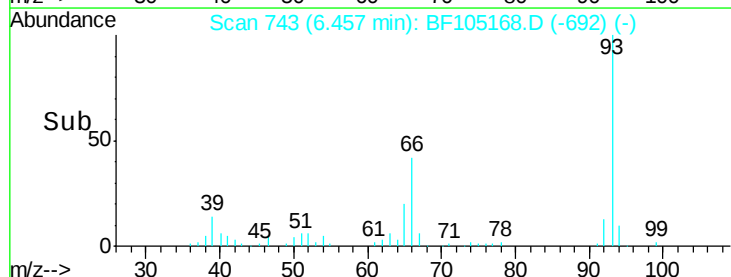
65 19.9 16.4 24.6

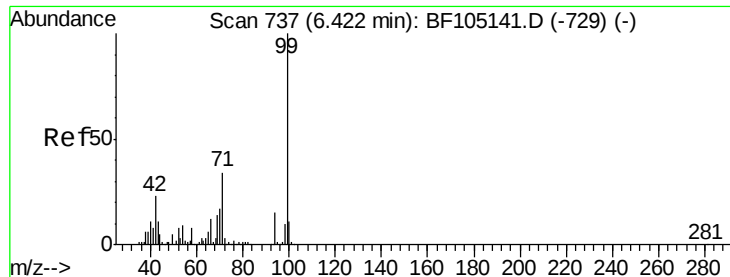


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.651 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

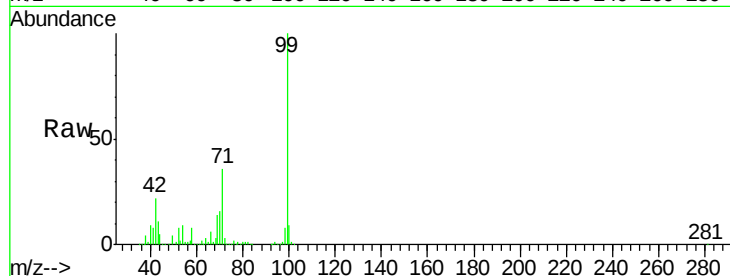
Tot Ion: 99 Resp: 1758087

Ion Ratio Lower Upper

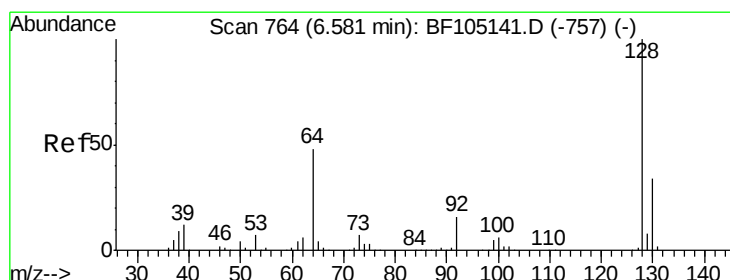
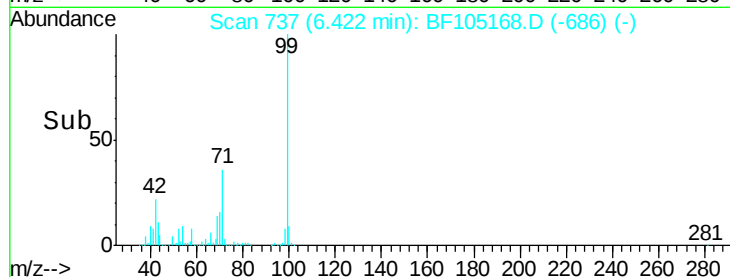
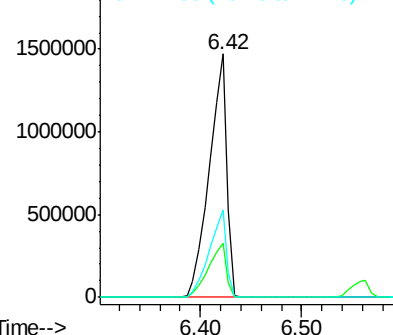
99 100

42 22.0 14.5 21.7#

71 36.1 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: 5.374 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

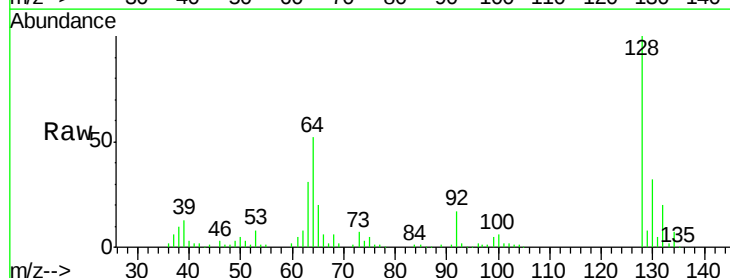
Tgt Ion:128 Resp: 68072

Ion Ratio Lower Upper

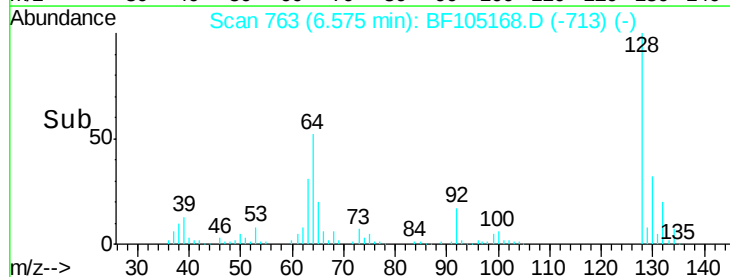
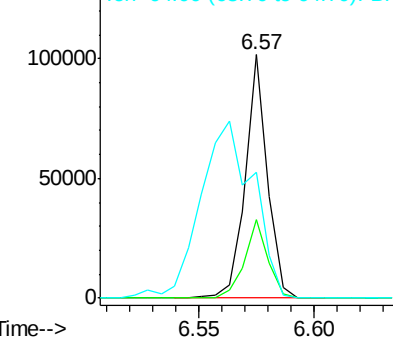
128 100

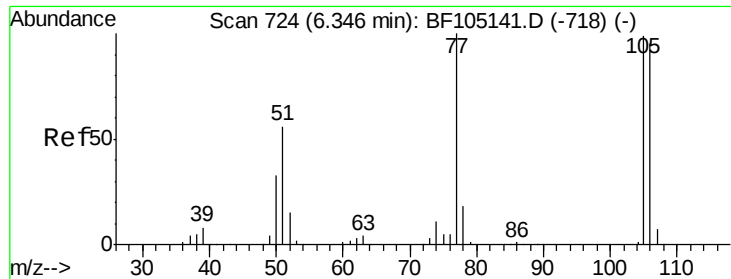
130 32.3 13.0 53.0

64 51.9 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

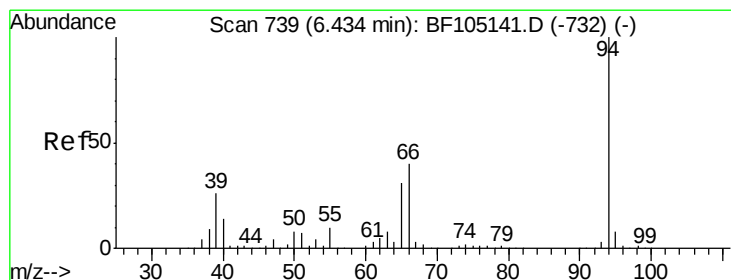
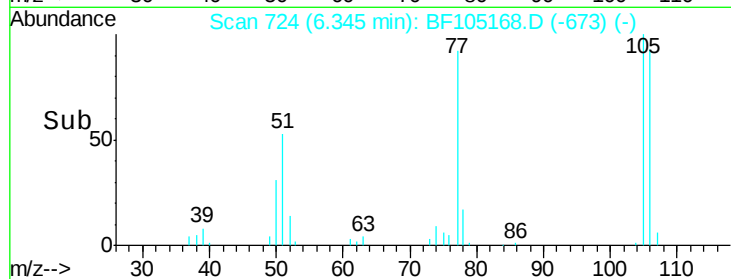
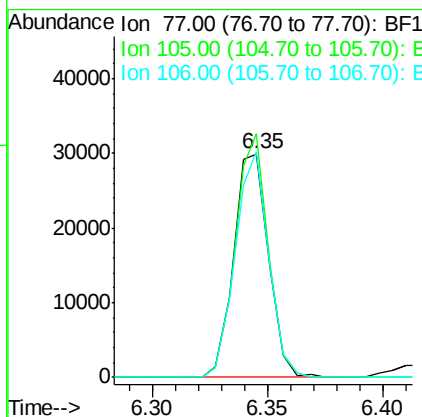
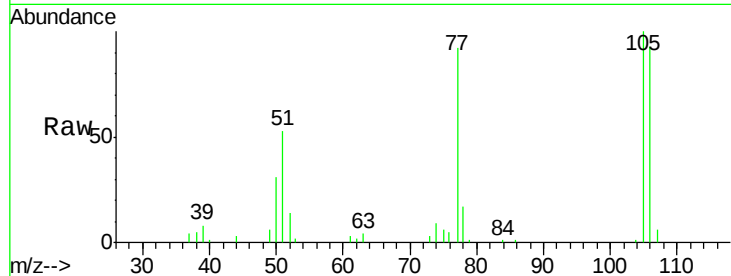




#9
Benzaldehyde
Concen: 2.892 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

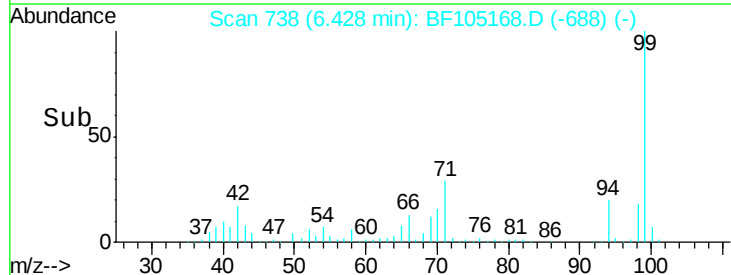
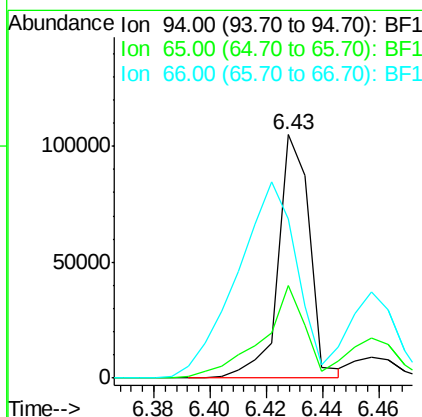
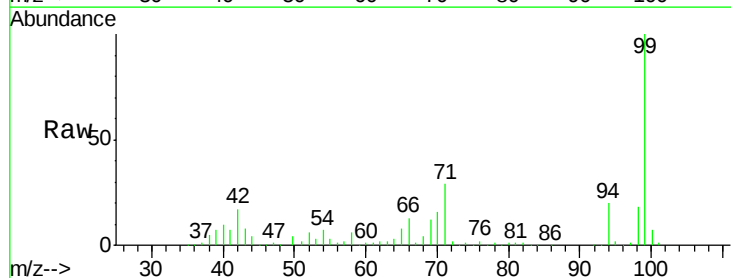
Instrument :
BNA_F
ClientSampled :

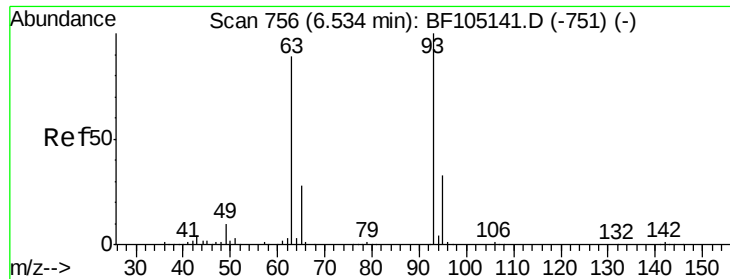
Tot Ion: 77 Resp: 31518
Ion Ratio Lower Upper
77 100
105 109.1 81.1 121.1
106 101.0 74.5 114.5



#10
Phenol
Concen: 5.081 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion: 94 Resp: 80404
Ion Ratio Lower Upper
94 100
65 38.1 7.9 47.9
66 65.2 16.2 56.2#





#11

bis(2-Chloroethyl)ether

Concen: 5.284 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

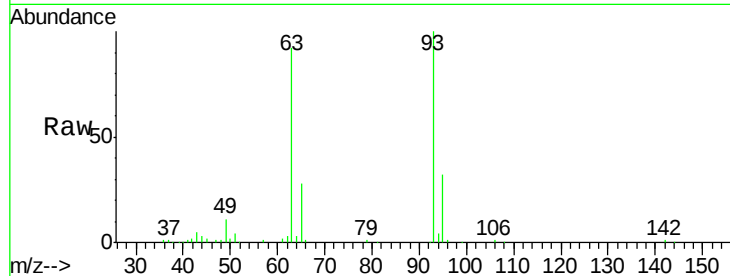
Tot Ion: 93 Resp: 68908

Ion Ratio Lower Upper

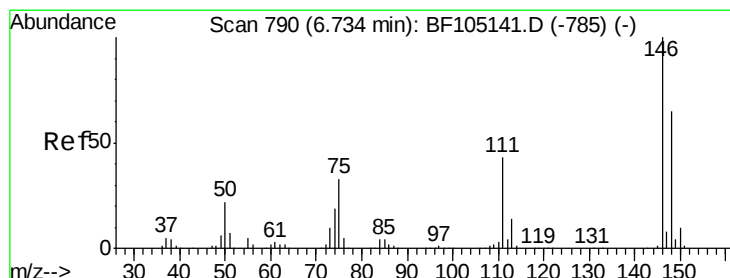
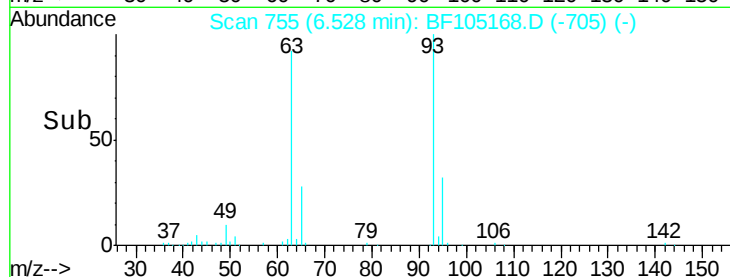
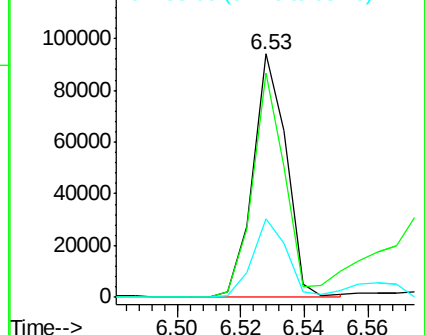
93 100

63 92.1 58.6 98.6

95 32.3 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 5.768 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

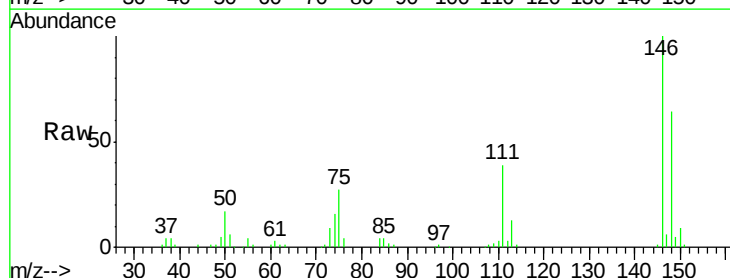
Tgt Ion: 146 Resp: 88062

Ion Ratio Lower Upper

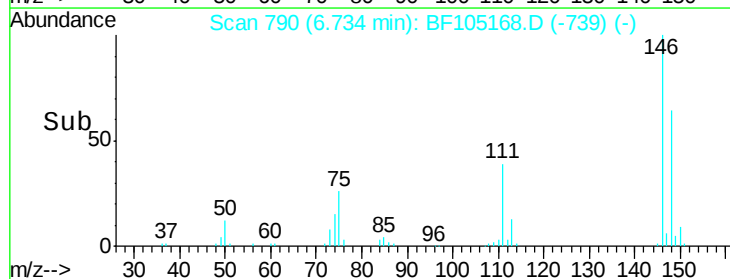
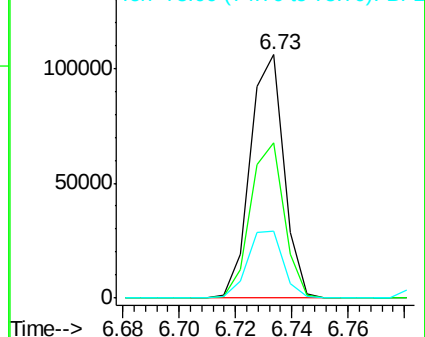
146 100

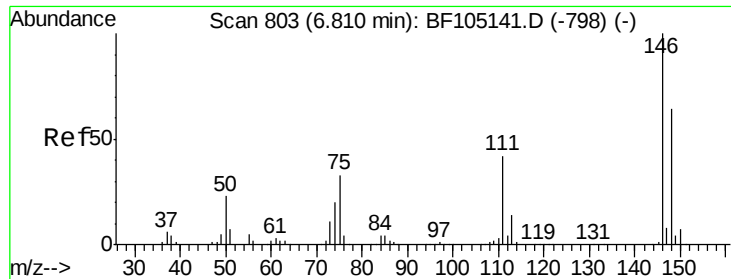
148 63.8 51.8 77.8

75 27.4 24.2 36.4



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

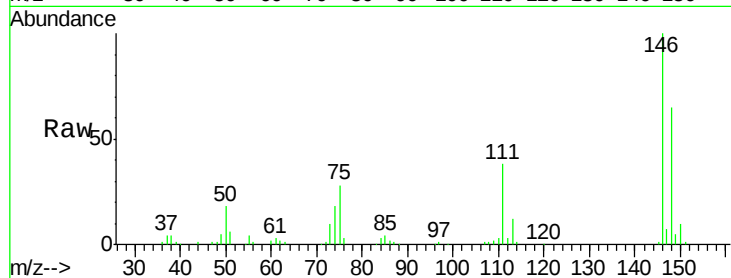




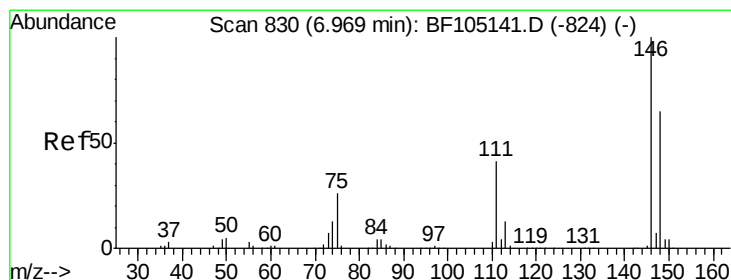
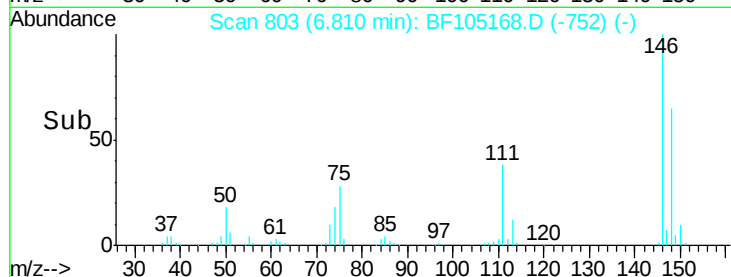
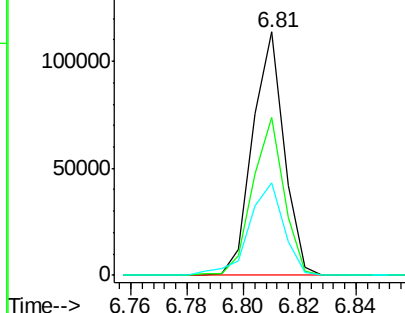
#13
 1,4-Dichlorobenzene
 Concen: 5.729 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 87470
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 38.1 34.2 51.2

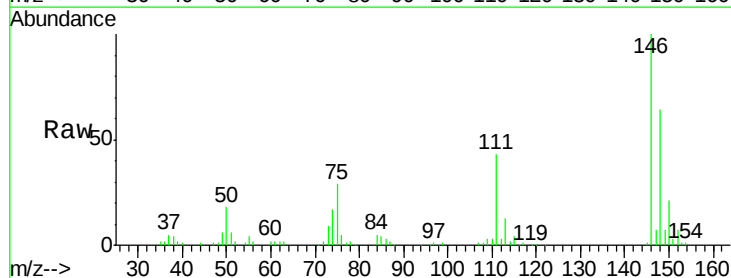


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

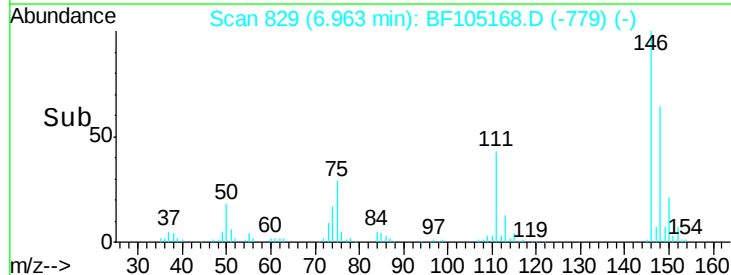
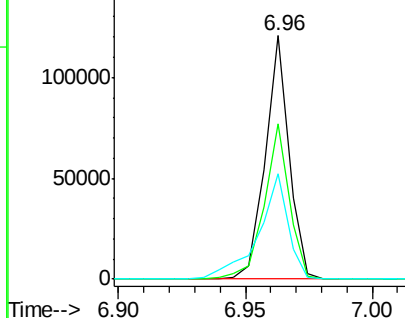


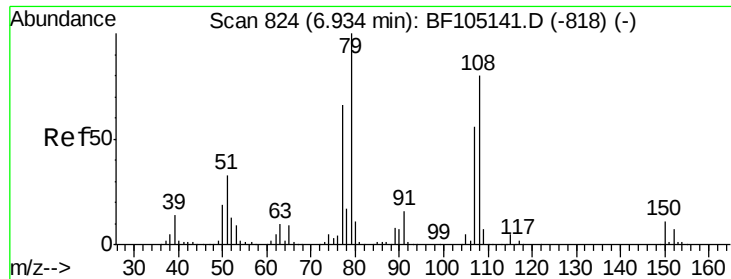
#14
 1,2-Dichlorobenzene
 Concen: 5.637 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Tgt Ion:146 Resp: 79382
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 43.1 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

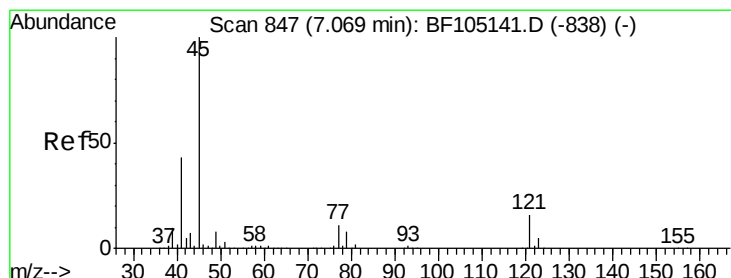
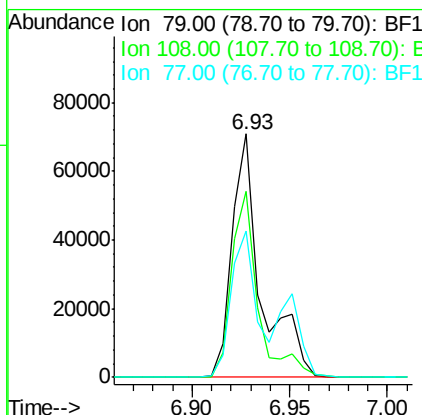
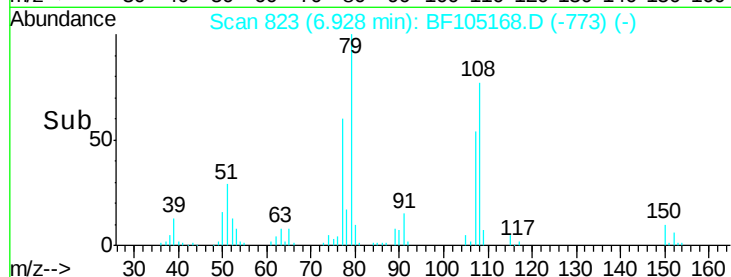
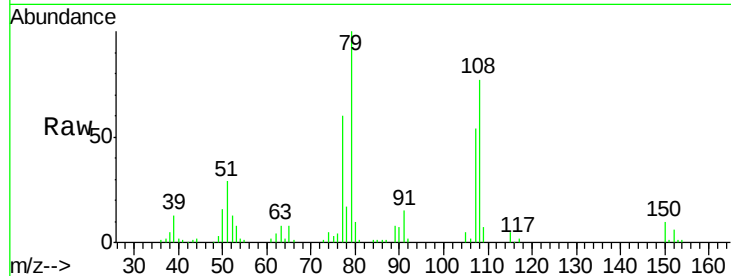




#15
Benzyl Alcohol
Concen: 6.778 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

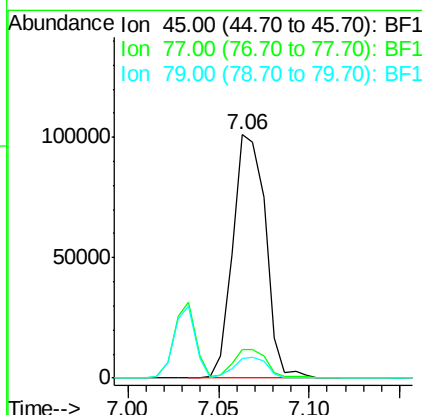
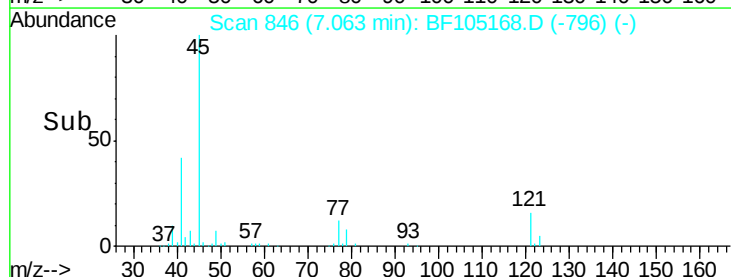
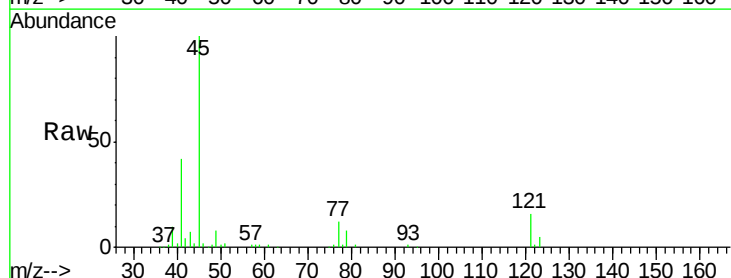
Instrument :
BNA_F
ClientSampled :

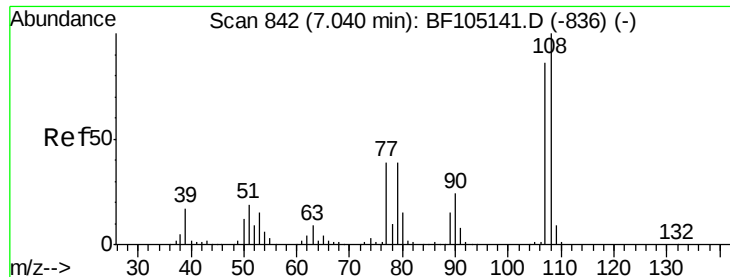
Tot Ion: 79 Resp: 73758
Ion Ratio Lower Upper
79 100
108 76.5 65.1 97.7
77 60.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.218 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion: 45 Resp: 126448
Ion Ratio Lower Upper
45 100
77 11.6 0.0 32.9
79 7.9 0.0 29.6

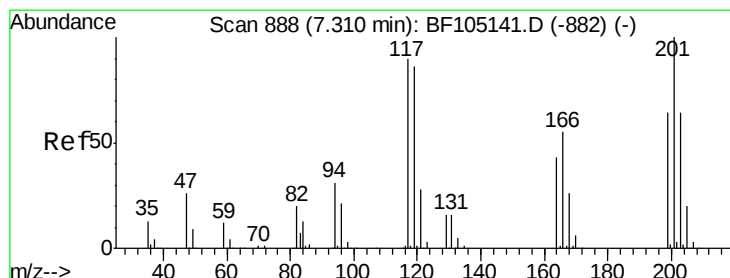
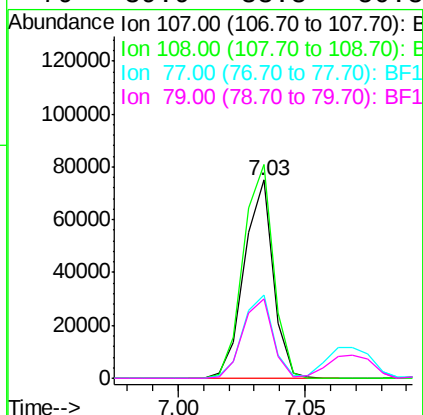
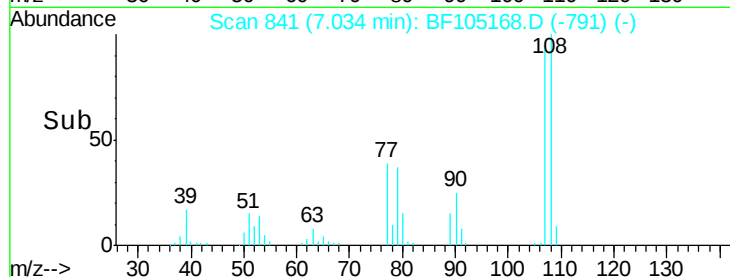
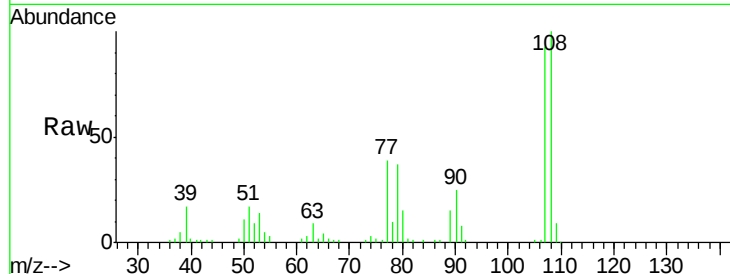




#17
2-Methylphenol
Concen: 5.443 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

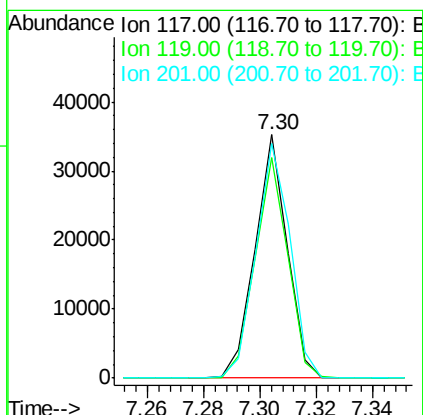
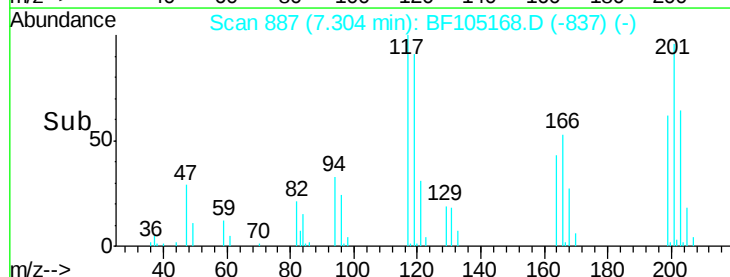
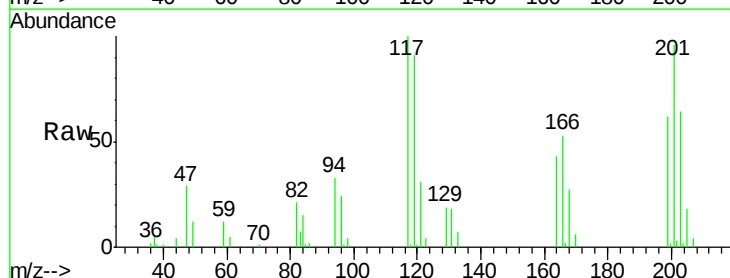
Instrument :
BNA_F
ClientSampleId :

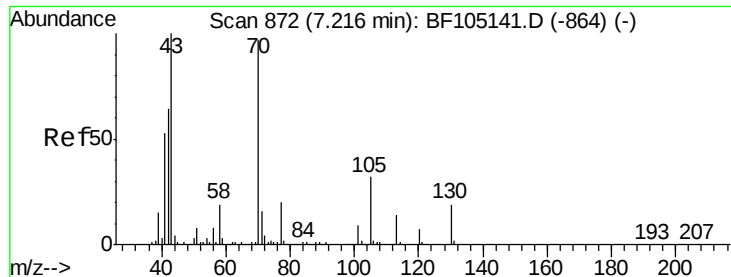
Tot Ion:107 Resp: 59535
Ion Ratio Lower Upper
107 100
108 107.9 91.7 137.5
77 42.4 33.8 50.8
79 39.9 33.8 50.8



#18
Hexachloroethane
Concen: 5.680 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion:117 Resp: 27904
Ion Ratio Lower Upper
117 100
119 90.5 75.8 113.8
201 96.5 75.7 113.5

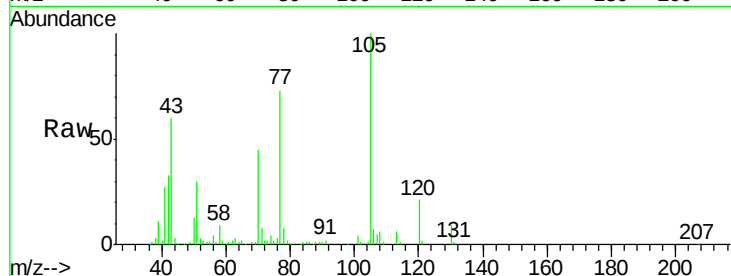




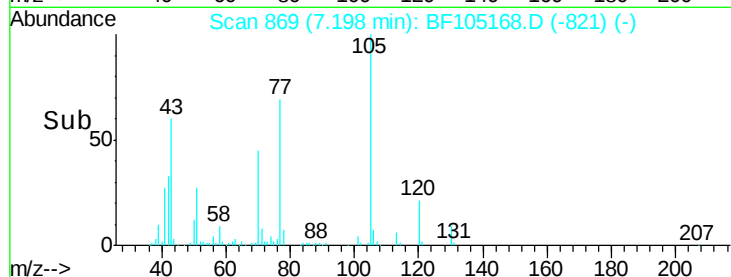
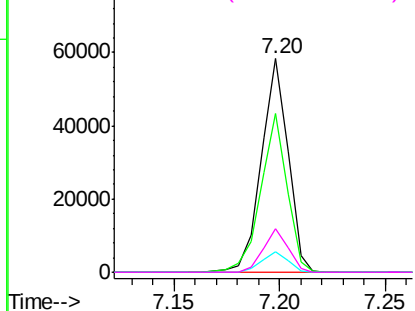
#19
n-Nitroso-di-n-propylamine
Concen: 5.473 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 51519
Ion Ratio Lower Upper
70 100
42 74.3 47.5 71.3#
101 9.4 7.4 11.2
130 20.2 16.6 25.0

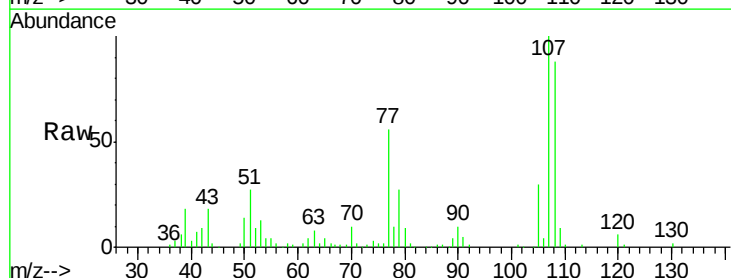
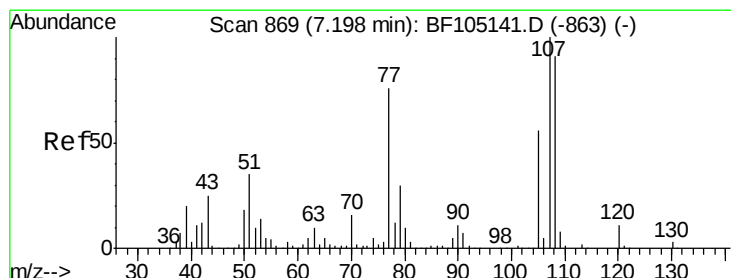


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

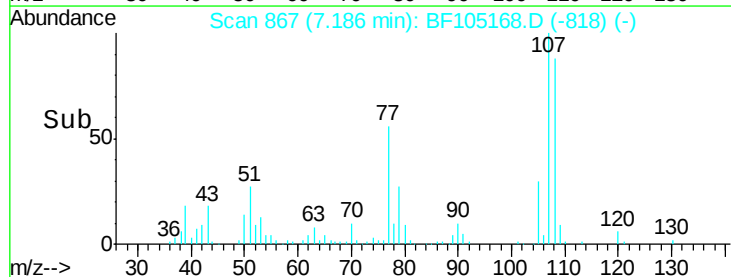
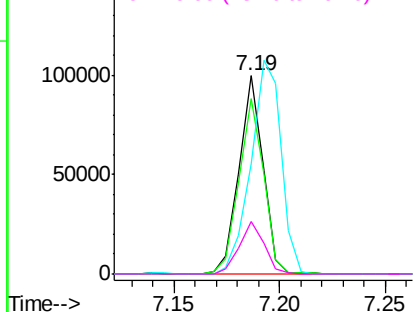


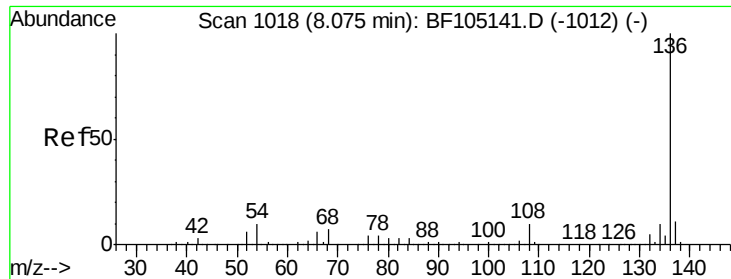
#20
3+4-Methylphenols
Concen: 6.071 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion: 107 Resp: 78031
Ion Ratio Lower Upper
107 100
108 88.2 68.2 108.2
77 55.7 26.7 66.7
79 26.8 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

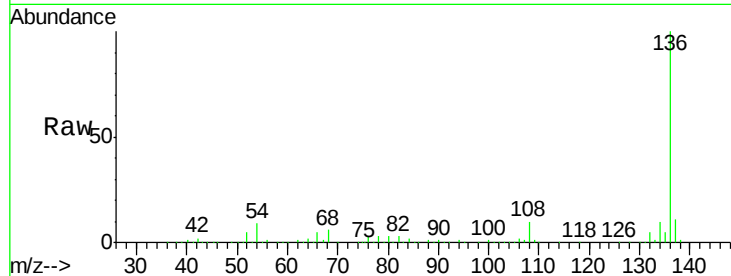




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	775605
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.0	6.6 9.8
68	5.9	5.0 7.4

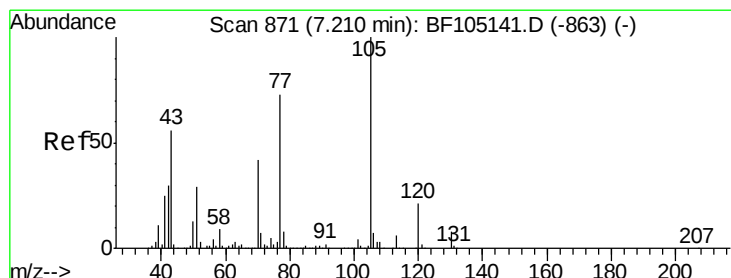
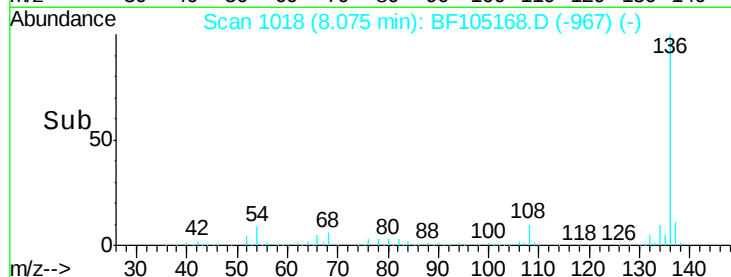
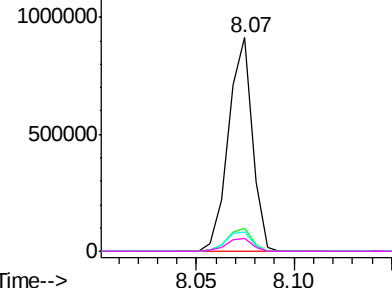


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

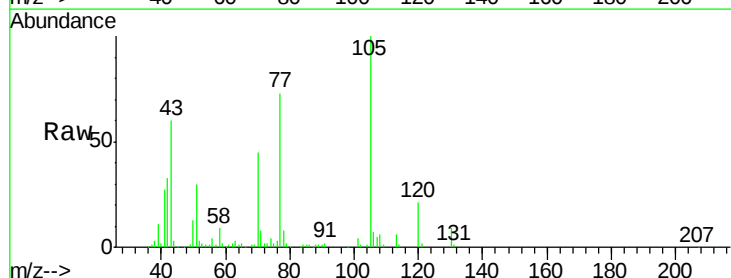
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 6.073 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion:105	Resp:	109799
Ion Ratio	Lower	Upper
105	100	
71	7.6	4.4 6.6#
51	30.3	22.3 33.5
120	21.0	16.9 25.3

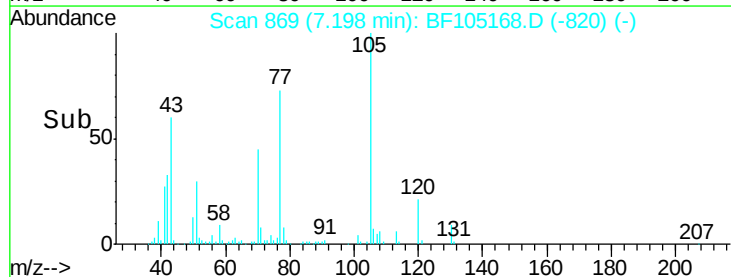
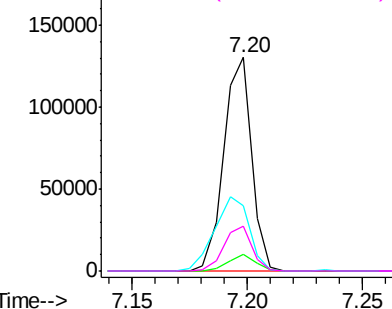


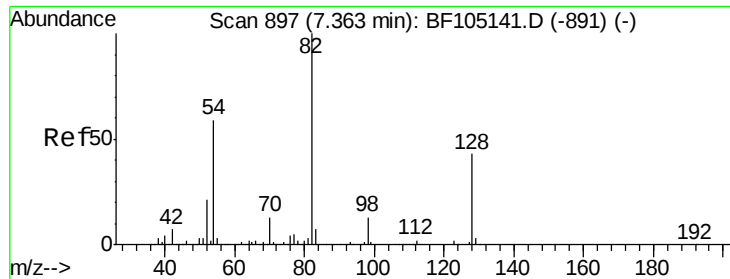
Abundance Ion 105.00 (104.70 to 105.70): E

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



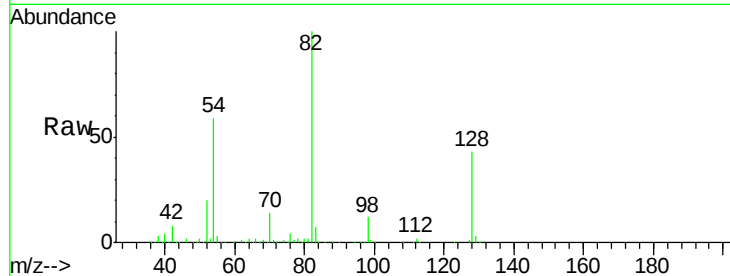


#23
 Nitrobenzene-d5
 Concen: 92.843 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

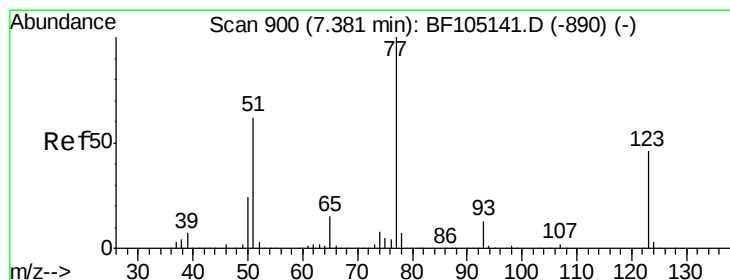
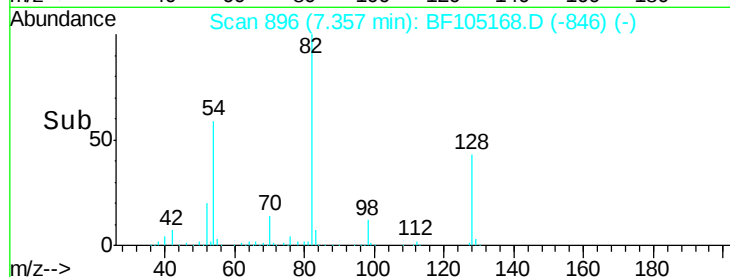
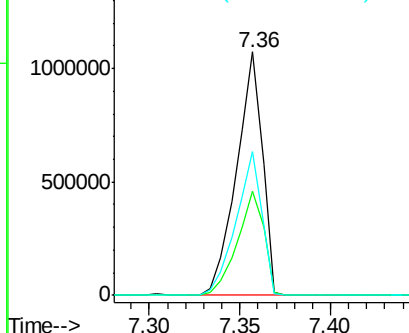
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1062496

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	59.1	41.4	62.2



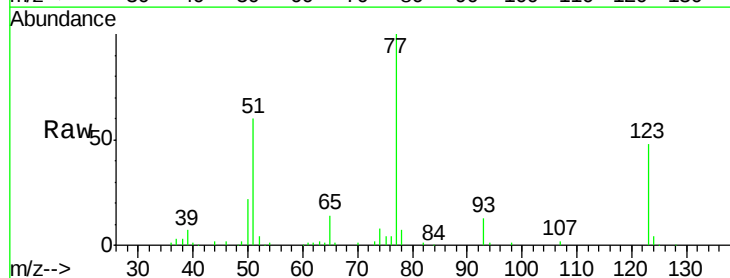
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



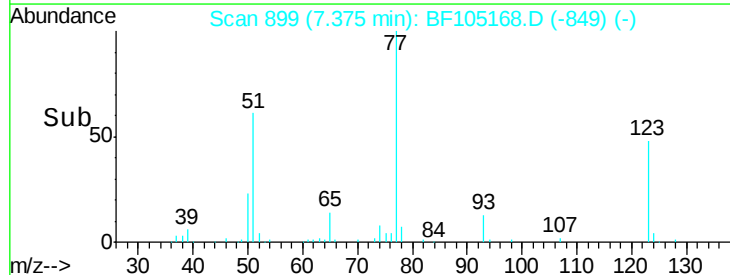
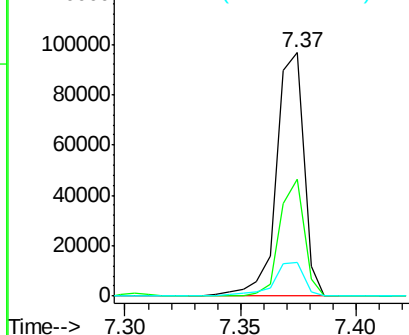
#24
 Nitrobenzene
 Concen: 6.113 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

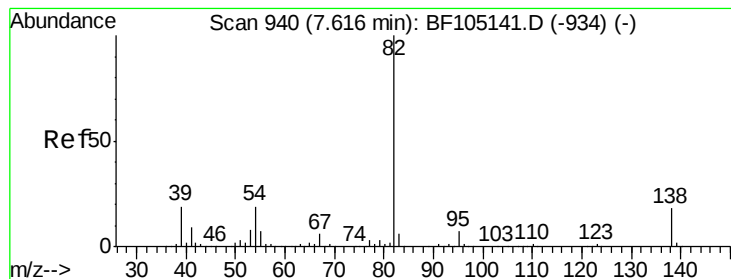
Tgt Ion: 77 Resp: 79325

Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.9	56.9
65	13.8	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 4.881 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

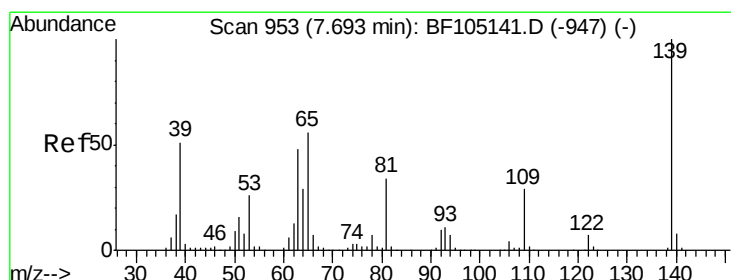
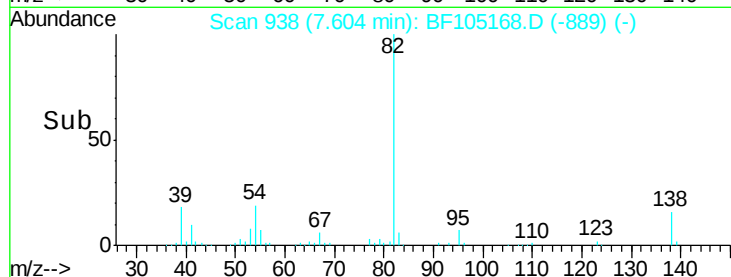
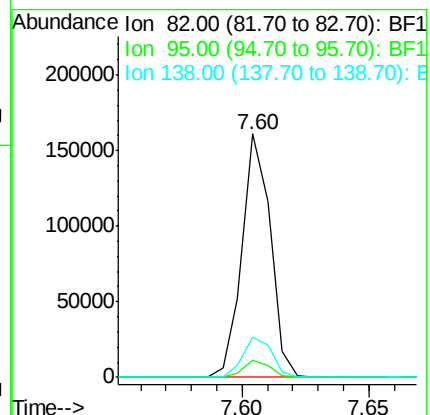
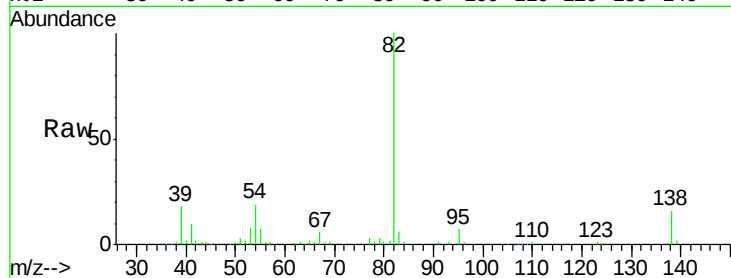
Tot Ion: 82 Resp: 124924

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 16.4 14.9 22.3



#26

2-Nitrophenol

Concen: 13.921 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

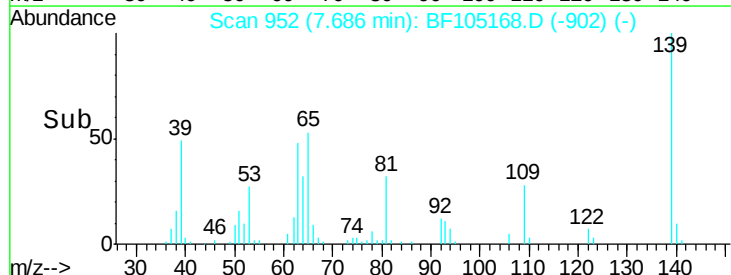
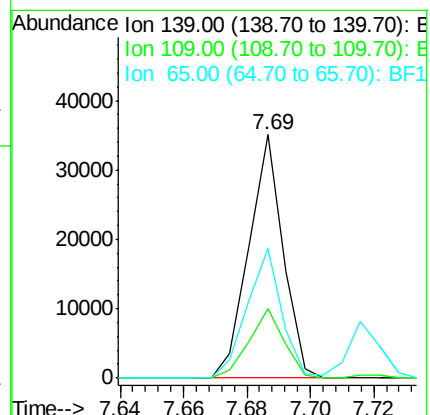
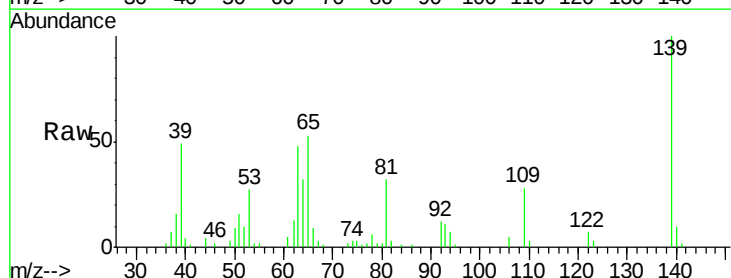
Tgt Ion: 139 Resp: 26149

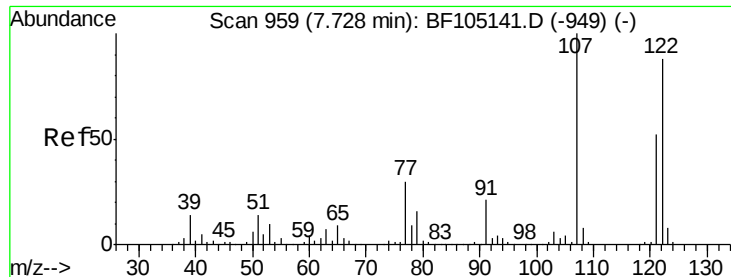
Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

65 53.1 40.5 60.7

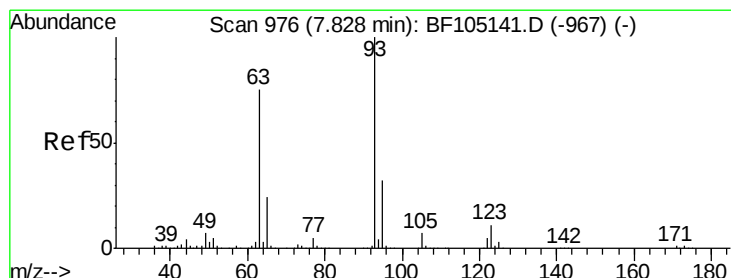
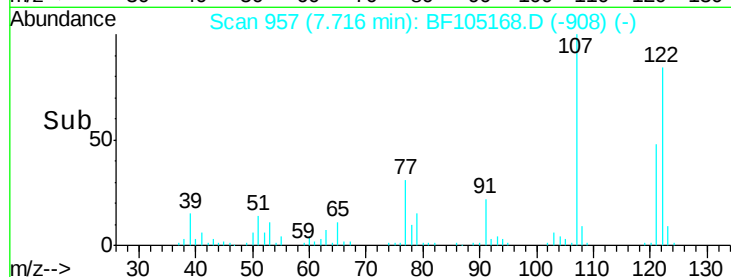
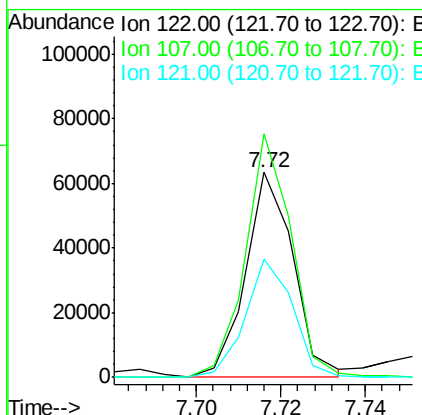
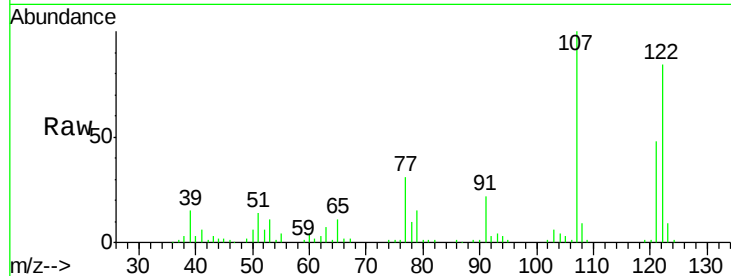




#27
 2,4-Dimethylphenol
 Concen: 4.377 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

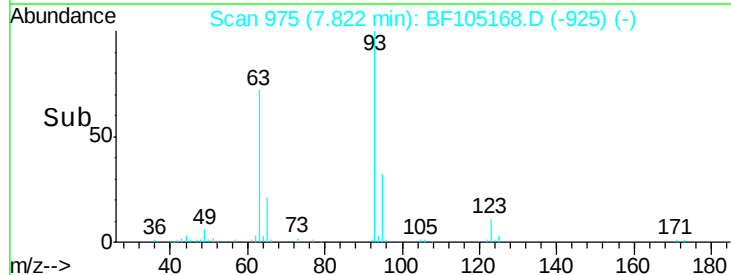
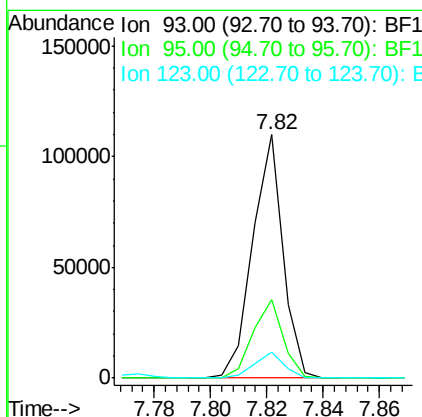
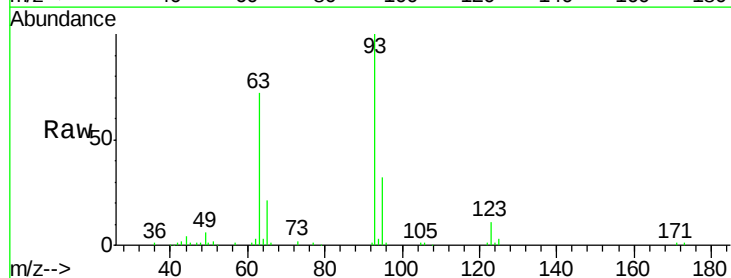
Instrument :
 BNA_F
 ClientSampled :

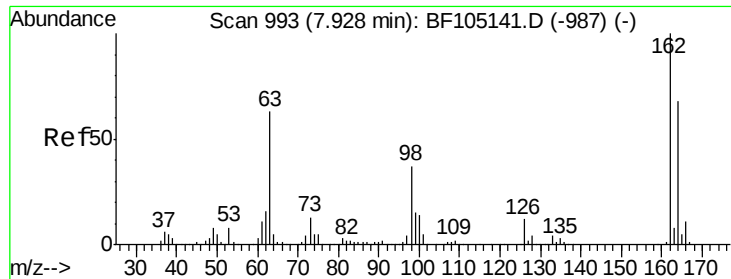
Tot Ion:122 Resp: 49784
 Ion Ratio Lower Upper
 122 100
 107 118.8 91.2 136.8
 121 57.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.173 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Tgt Ion: 93 Resp: 81709
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 10.7 9.8 14.6

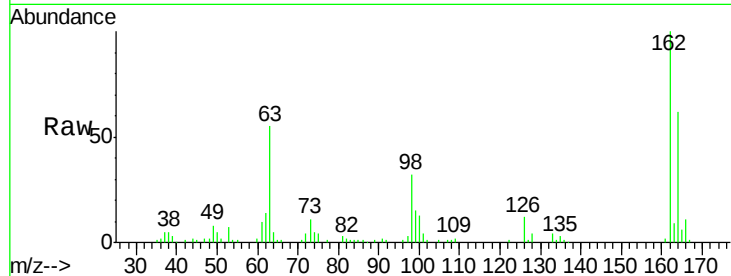




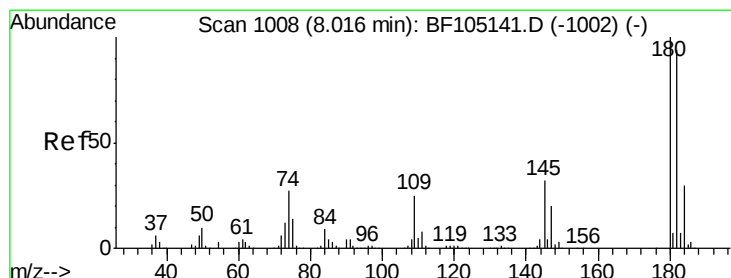
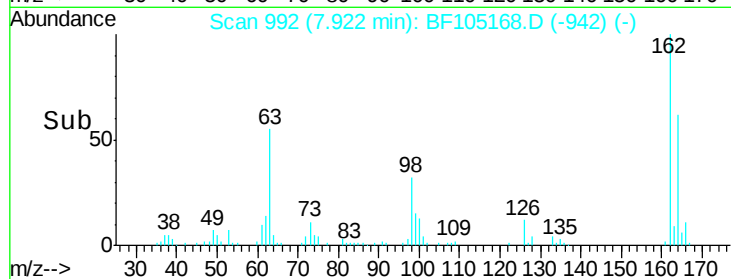
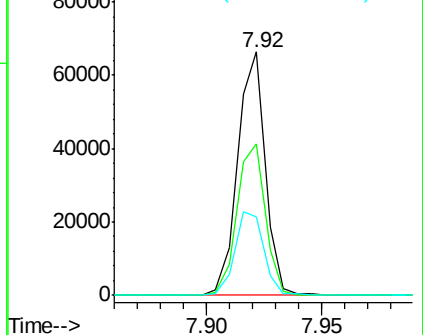
#29
2,4-Dichlorophenol
Concen: 5.214 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 55484
Ion Ratio Lower Upper
162 100
164 62.0 42.7 82.7
98 32.3 18.1 58.1

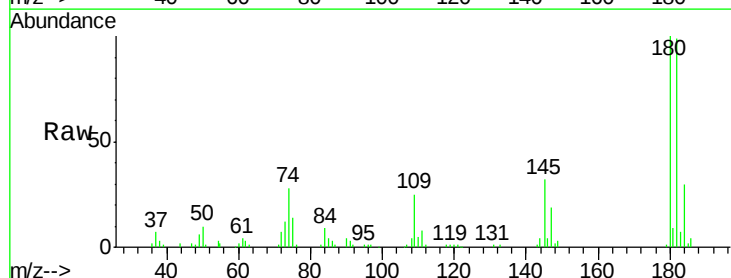


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

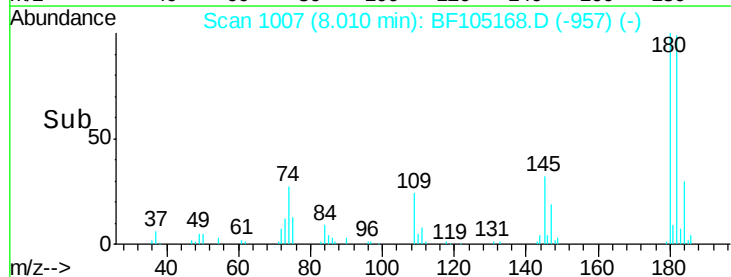
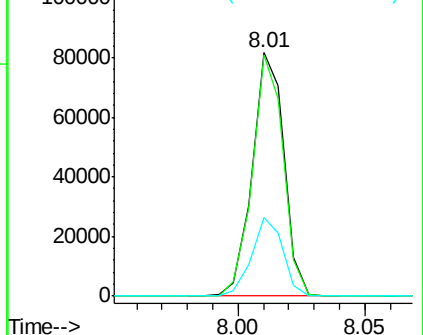


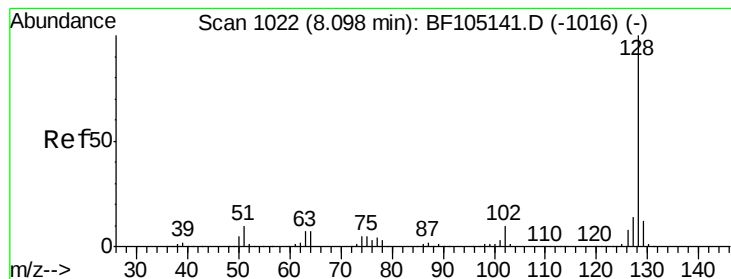
#30
1,2,4-Trichlorobenzene
Concen: 5.781 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion:180 Resp: 70940
Ion Ratio Lower Upper
180 100
182 98.9 76.8 115.2
145 32.2 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: 5.836 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

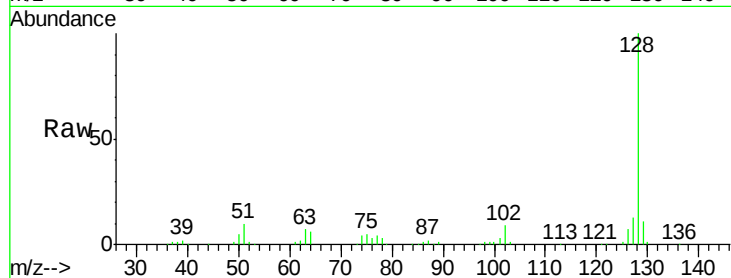
Tot Ion:128 Resp: 217955

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

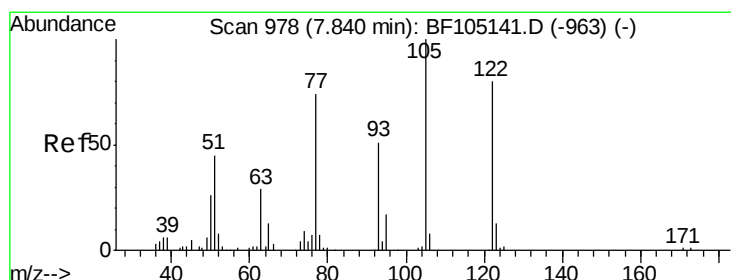
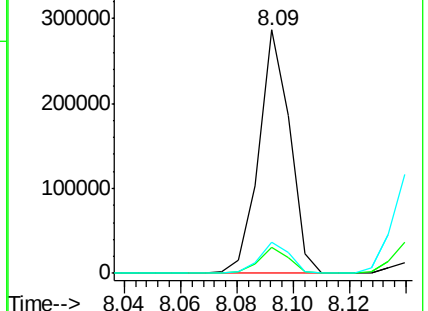
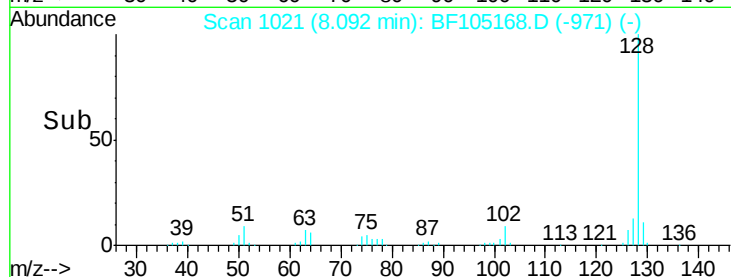
127 12.8 10.9 16.3



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: 13.182 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.06 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

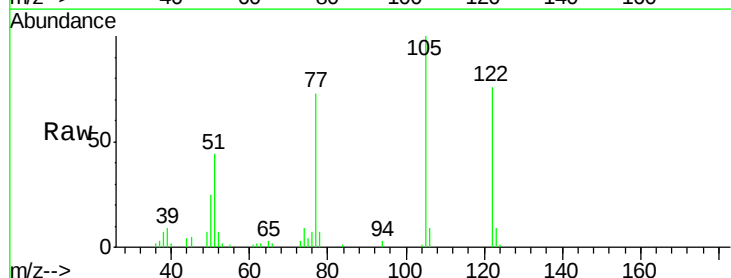
Tgt Ion:122 Resp: 28161

Ion Ratio Lower Upper

122 100

105 131.1 101.1 141.1

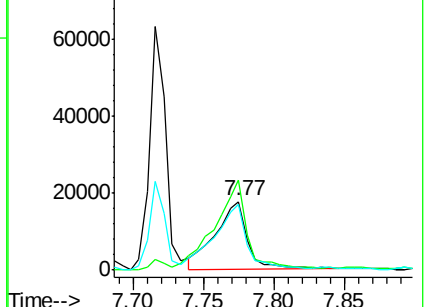
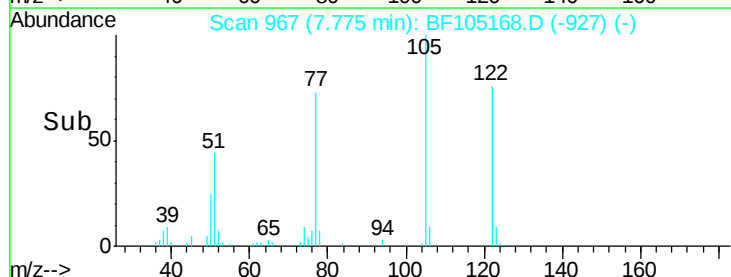
77 95.9 70.7 110.7

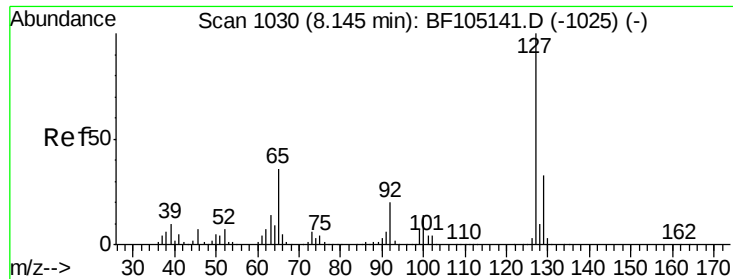


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

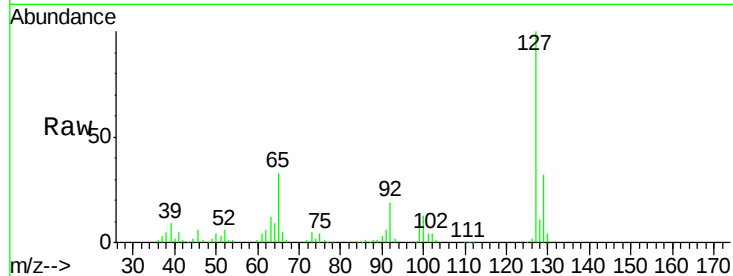




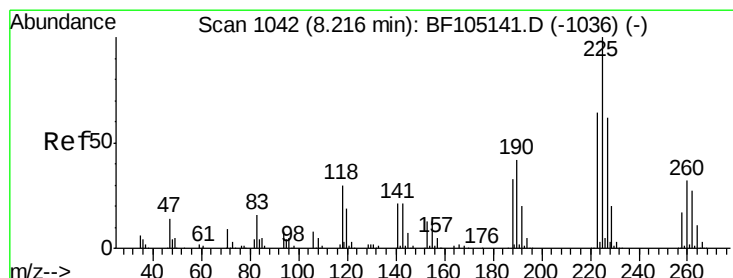
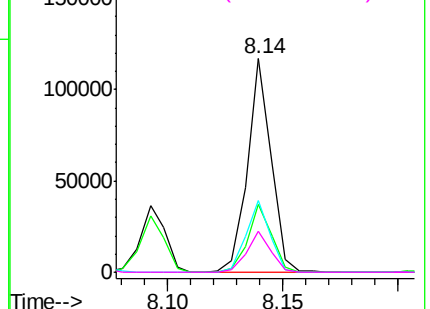
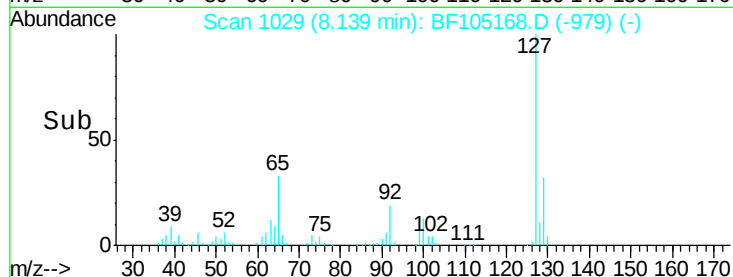
#33
4-Chloroaniline
Concen: 5.388 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	83677
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	33.4	25.0	37.4
92	19.1	15.2	22.8

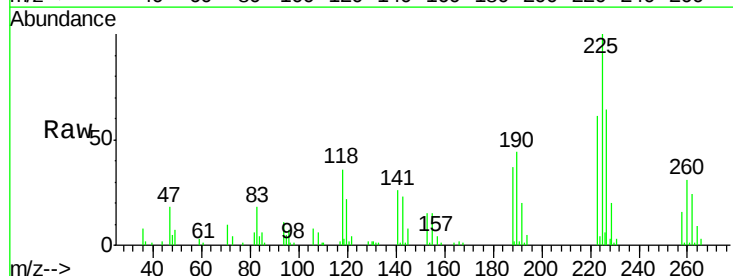


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

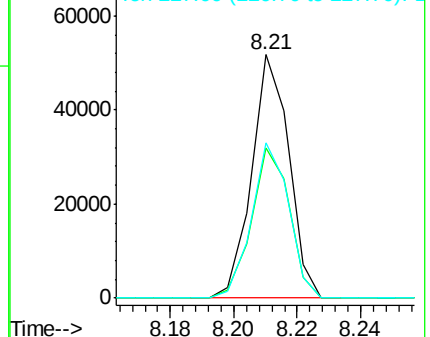
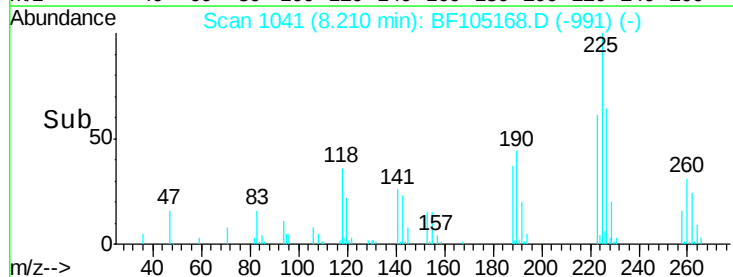


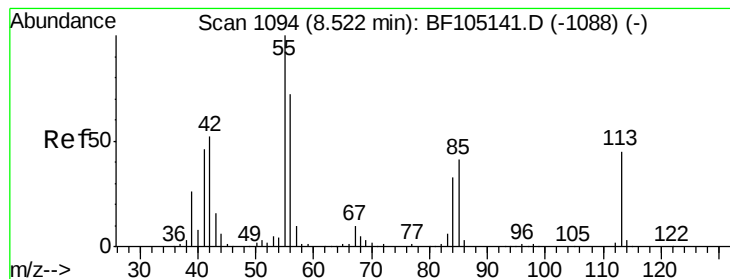
#34
Hexachlorobutadiene
Concen: 5.916 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion:	225	Resp:	42054
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	63.7	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: 4.667 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.05 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

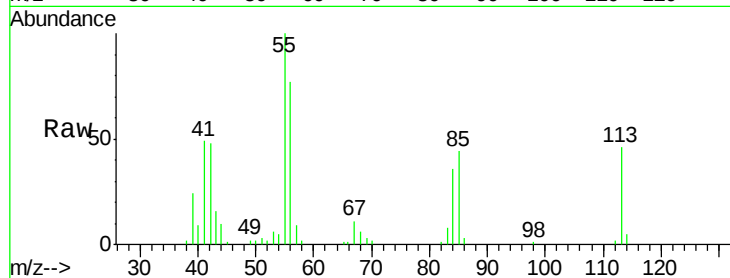
Tot Ion:113 Resp: 15082

Ion Ratio Lower Upper

113 100

55 216.8 163.3 203.3#

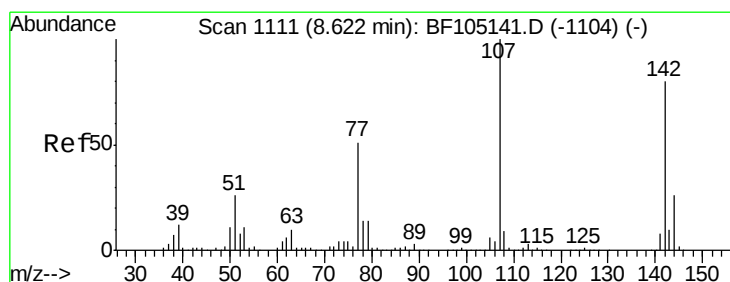
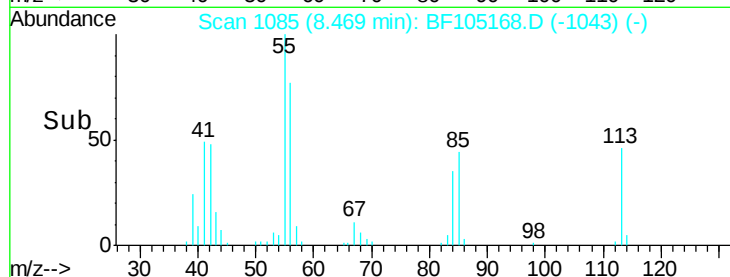
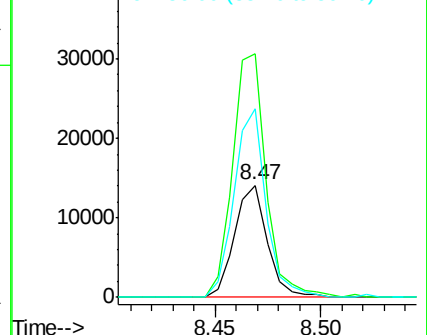
56 167.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 4.943 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

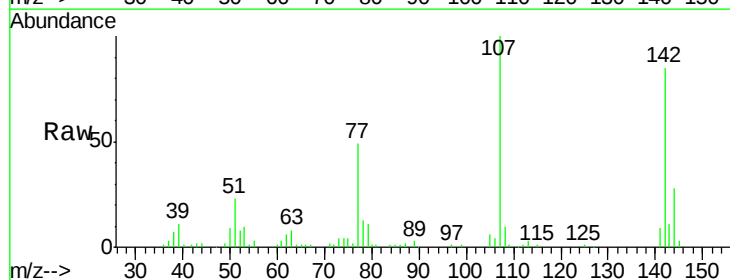
Tgt Ion:107 Resp: 54765

Ion Ratio Lower Upper

107 100

144 27.8 20.5 30.7

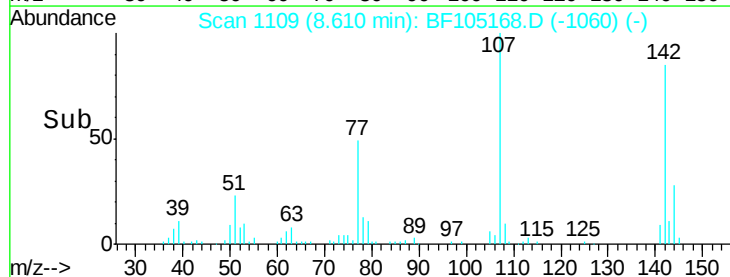
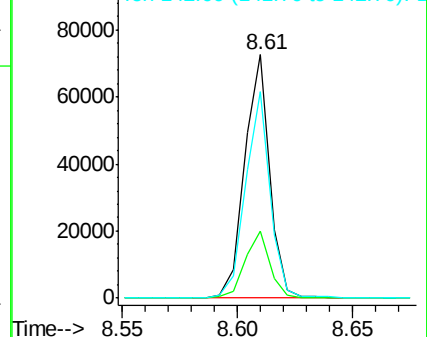
142 85.0 62.0 93.0

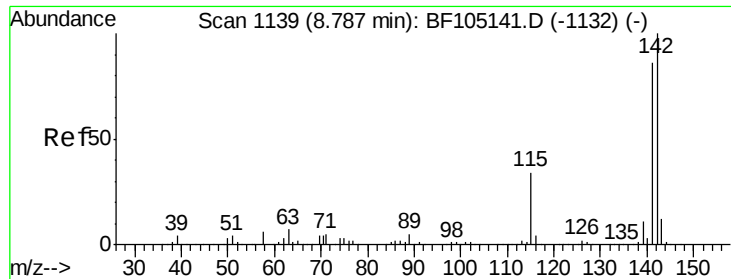


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

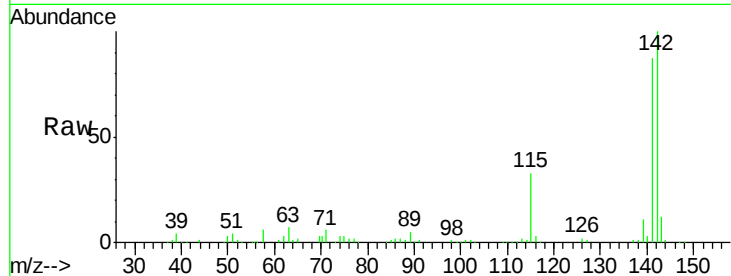




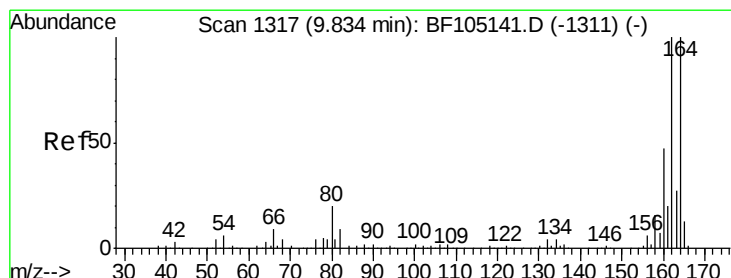
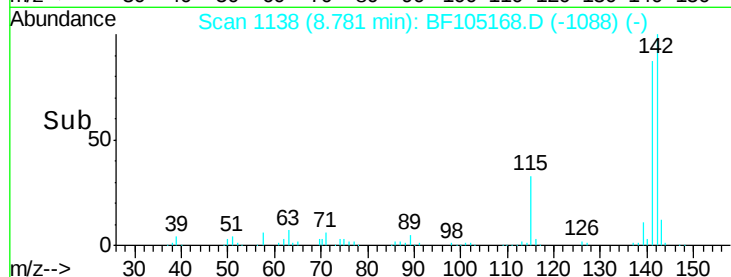
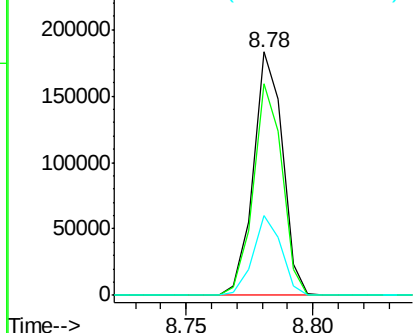
#37
2-Methylnaphthalene
Concen: 5.680 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 147853
Ion Ratio Lower Upper
142 100
141 86.7 70.8 106.2
115 32.6 26.1 39.1

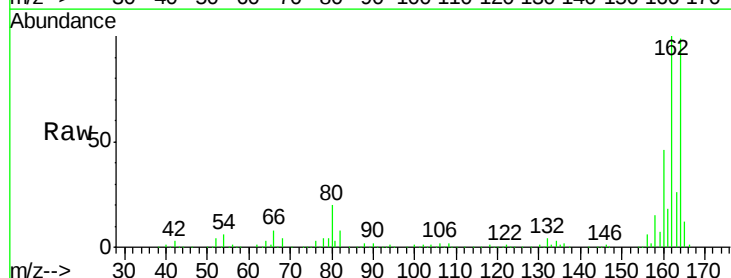


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

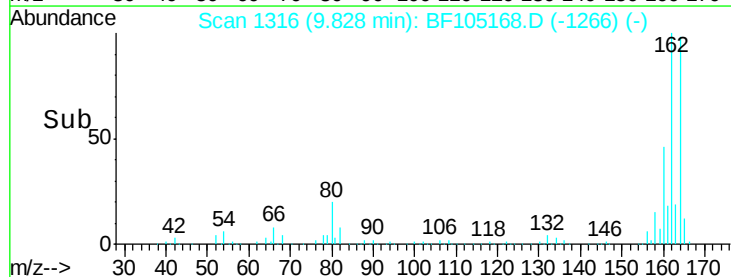
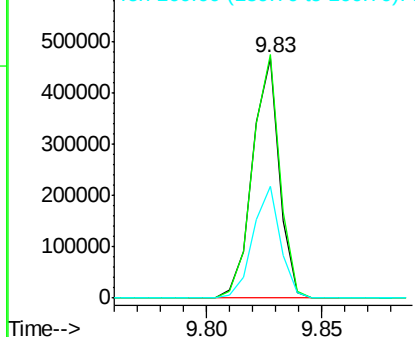


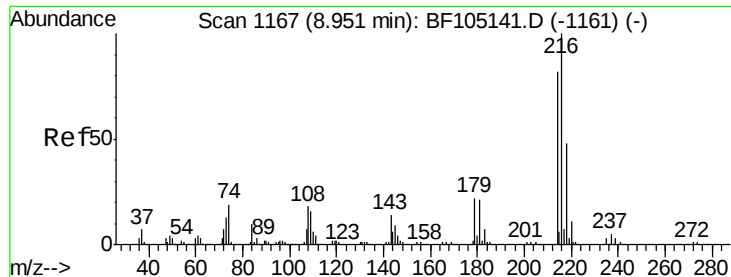
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion:164 Resp: 381416
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 46.3 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 6.069 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 73664

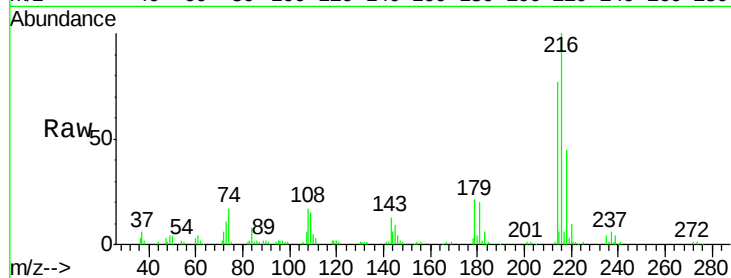
Ion Ratio Lower Upper

216 100

214 76.5 63.0 94.4

179 19.9 18.1 27.1

108 17.1 17.2 25.8#



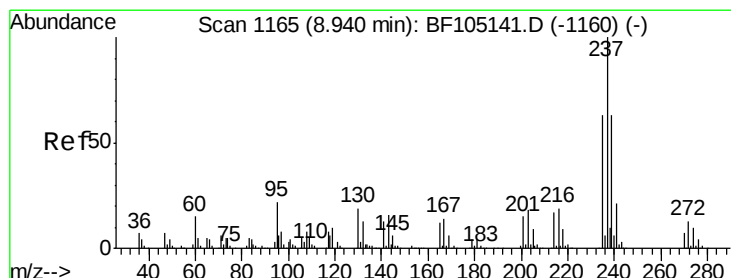
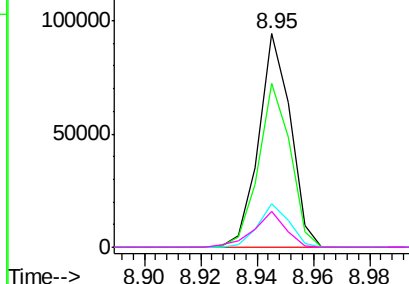
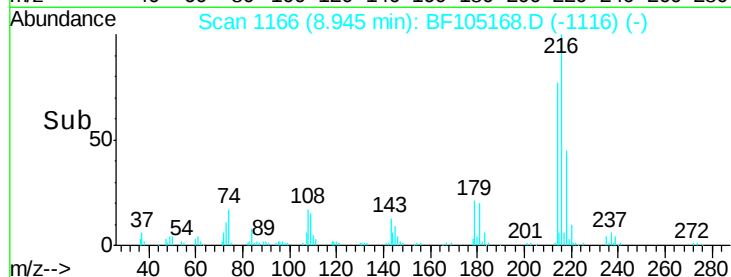
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 4.774 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

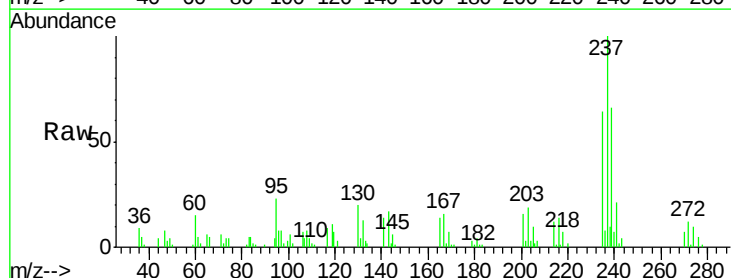
Tgt Ion:237 Resp: 31330

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

272 12.1 0.0 33.3

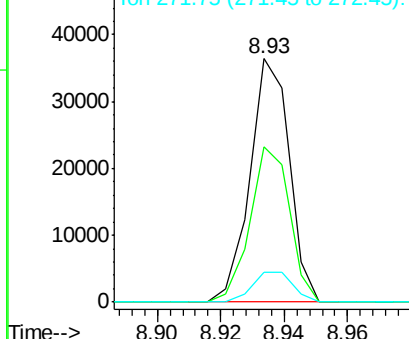
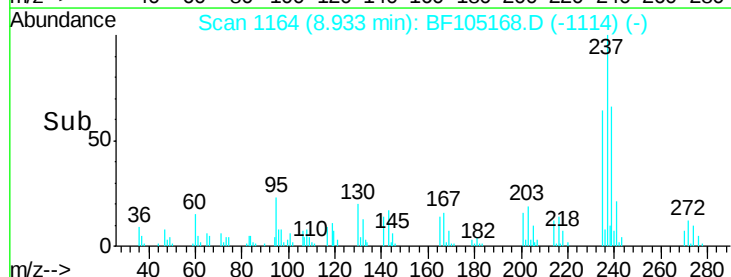


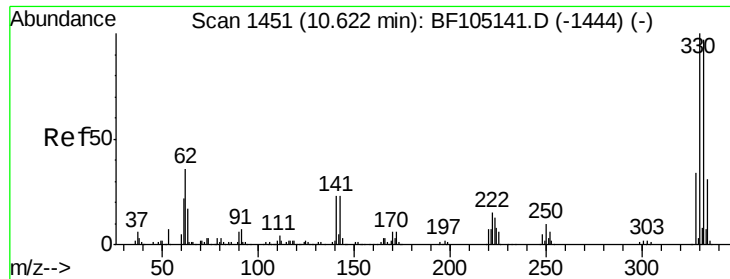
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

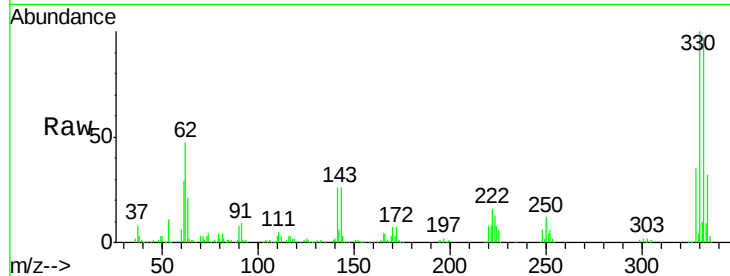




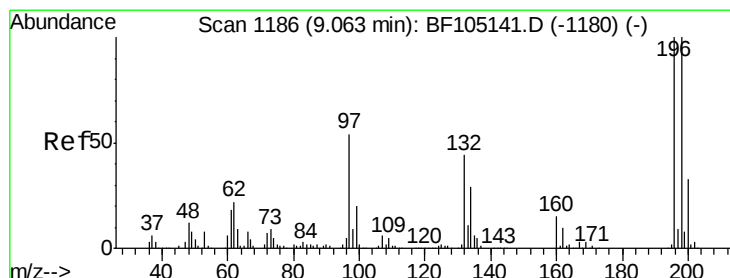
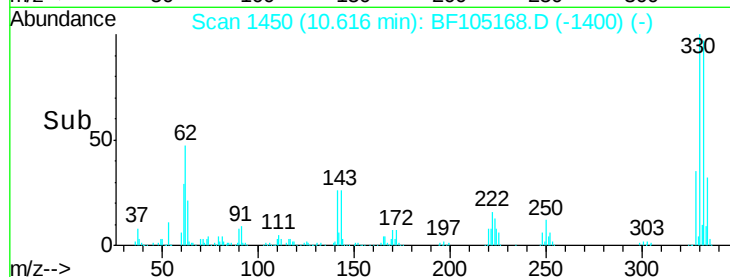
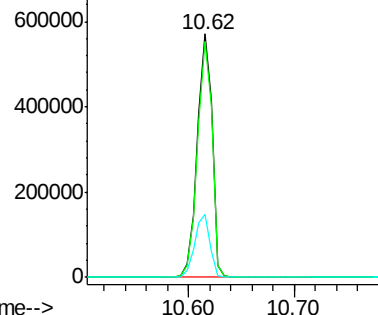
#41
 2,4,6-Tribromophenol
 Concen: 133.499 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	26.8	29.9	44.9#

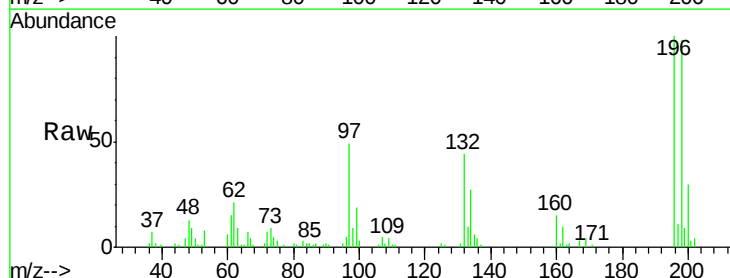


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

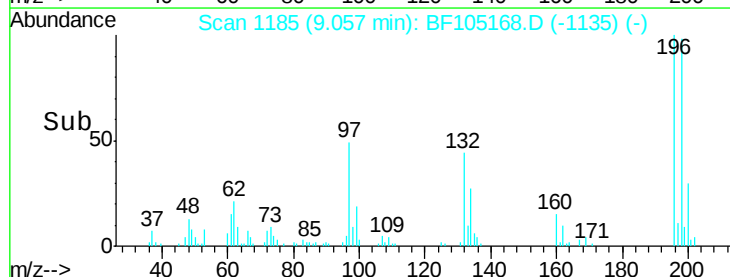
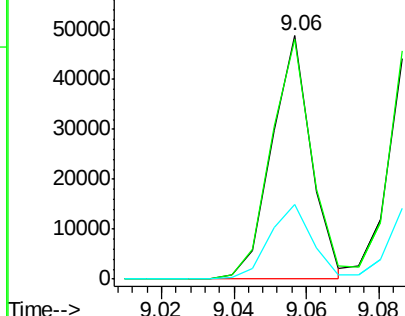


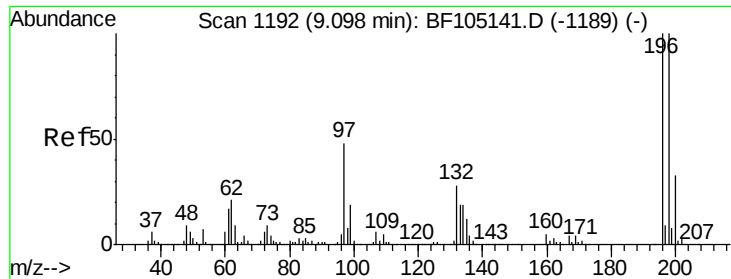
#42
 2,4,6-Trichlorophenol
 Concen: 4.990 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	75.7	113.5
200	30.4	24.5	36.7



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

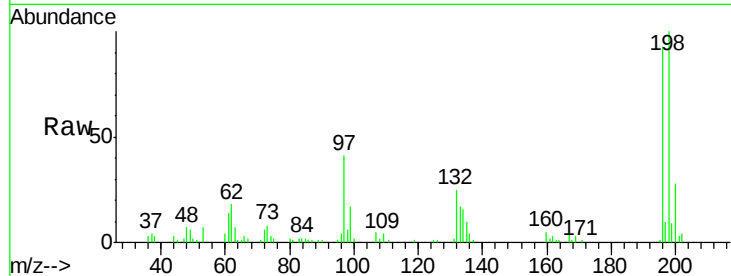




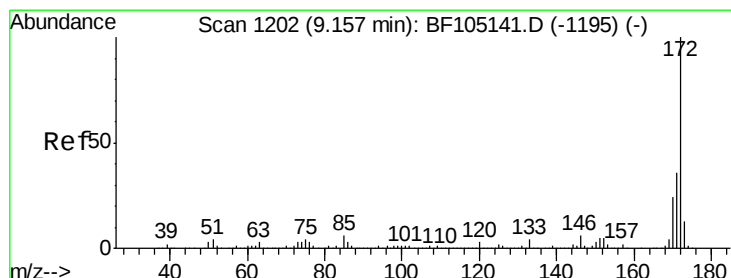
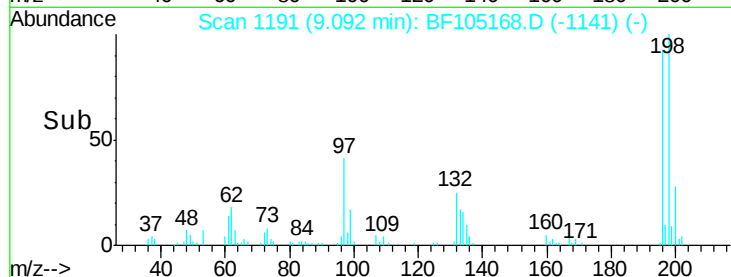
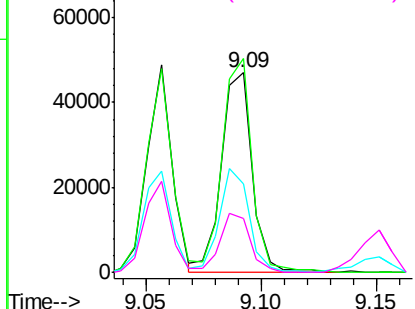
#43
 2,4,5-Trichlorophenol
 Concen: 5.604 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 43364
 Ion Ratio Lower Upper
 196 100
 198 107.1 74.6 112.0
 97 44.1 42.9 64.3
 132 27.2 26.3 39.5

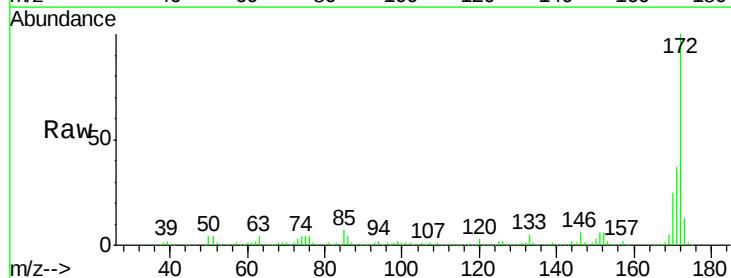


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

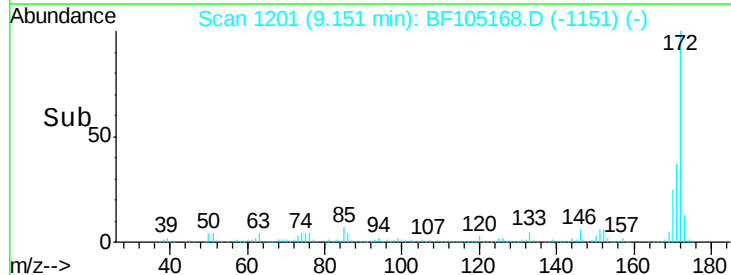
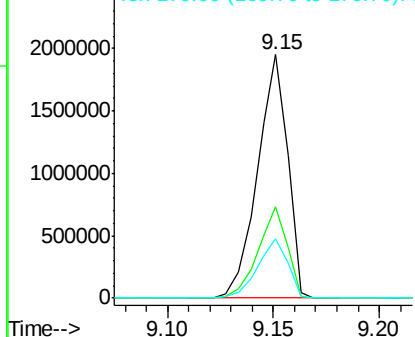


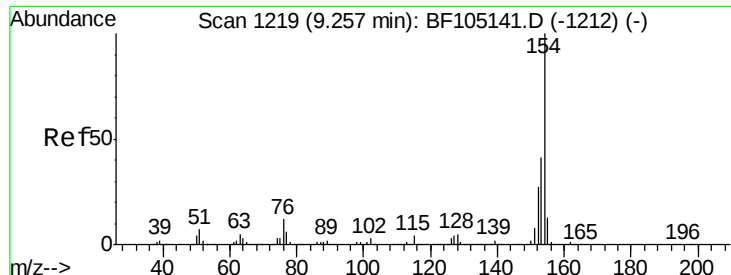
#44
 2-Fluorobiphenyl
 Concen: 78.097 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Tgt Ion:172 Resp: 1919157
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.6 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: 6.425 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

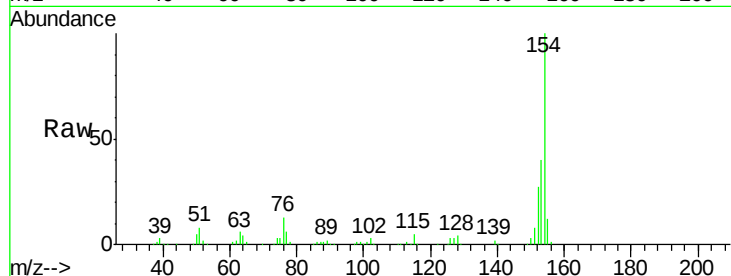
Tot Ion:154 Resp: 199673

Ion Ratio Lower Upper

154 100

153 40.0 21.3 61.3

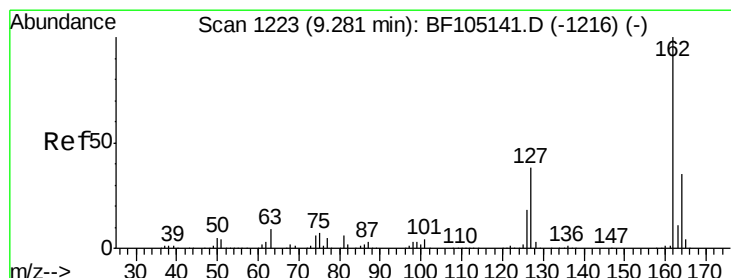
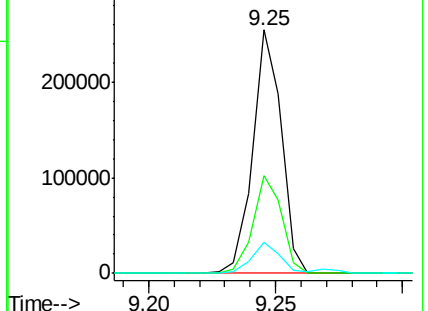
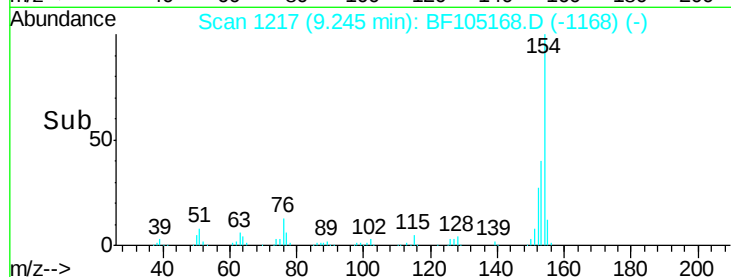
76 12.8 0.0 34.0



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: 6.002 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

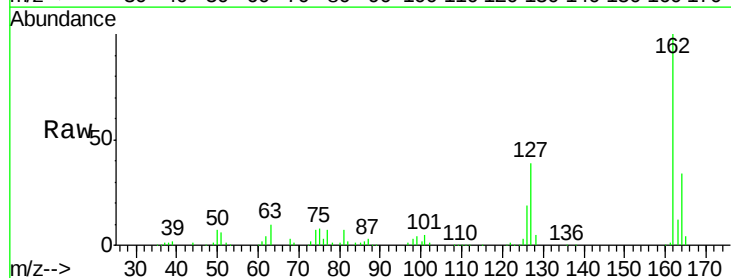
Tgt Ion:162 Resp: 139406

Ion Ratio Lower Upper

162 100

127 38.8 33.9 50.9

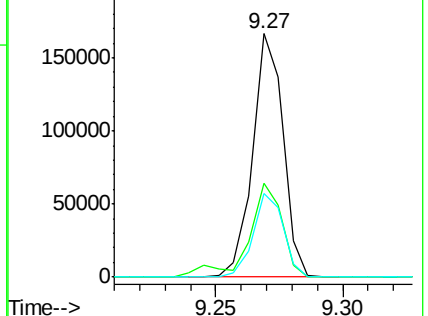
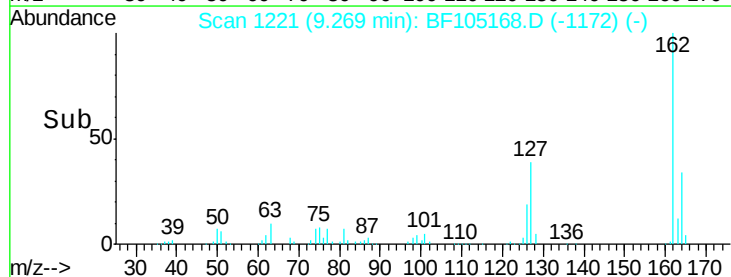
164 34.3 26.5 39.7

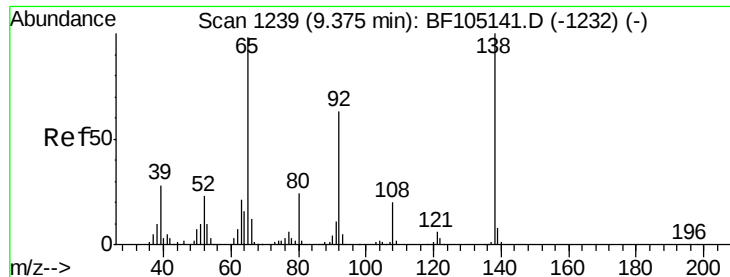


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 10.213 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

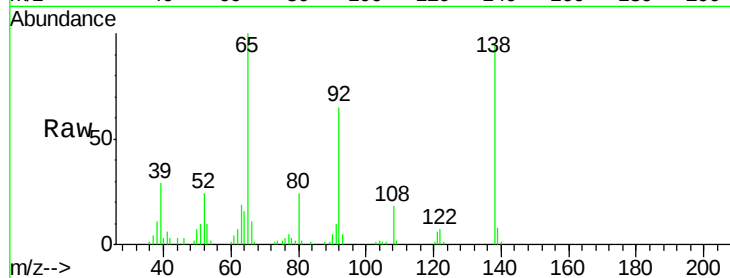
Tot Ion: 65 Resp: 33587

Ion Ratio Lower Upper

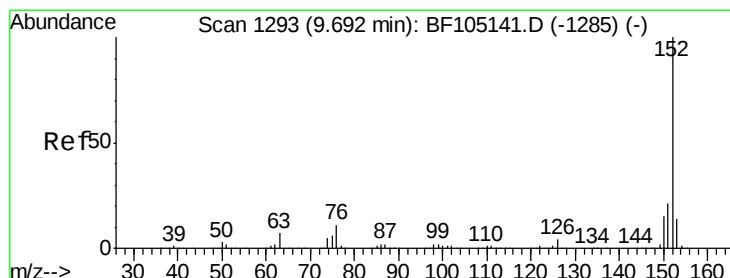
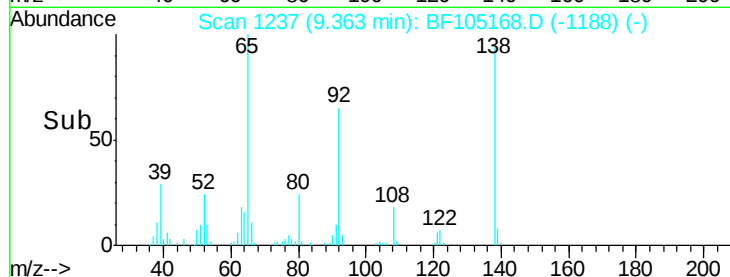
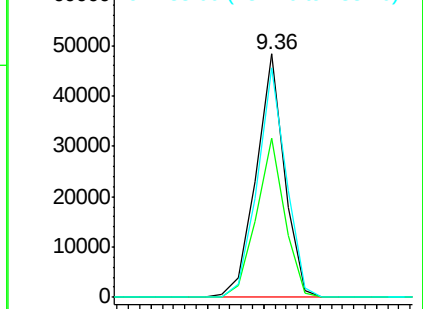
65 100

92 65.2 55.8 83.6

138 94.1 91.2 136.8



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



#48

Acenaphthylene

Concen: 6.031 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

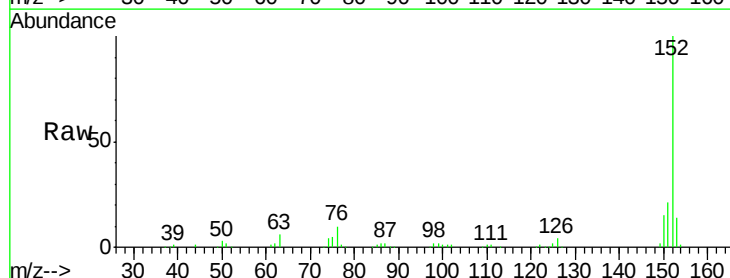
Tgt Ion: 152 Resp: 216336

Ion Ratio Lower Upper

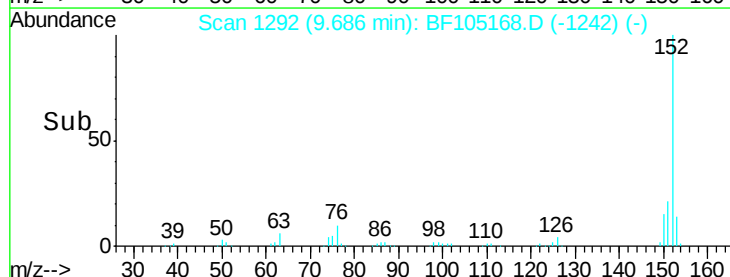
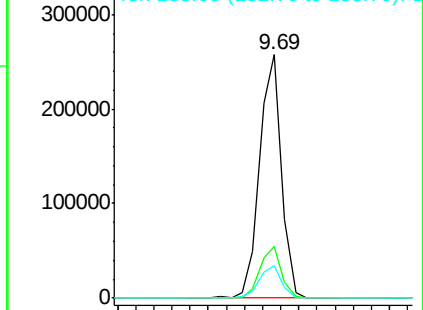
152 100

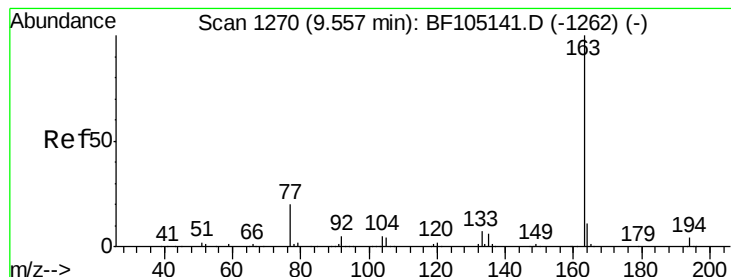
151 21.0 16.3 24.5

153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 6.061 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

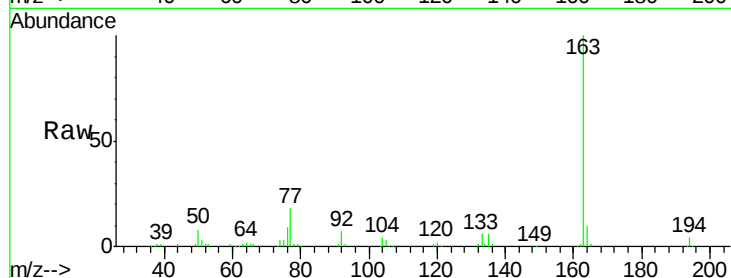
Tot Ion:163 Resp: 156490

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

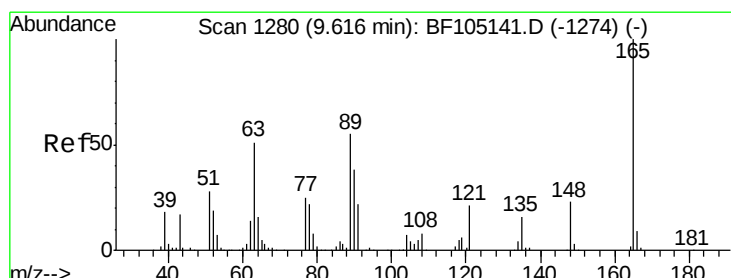
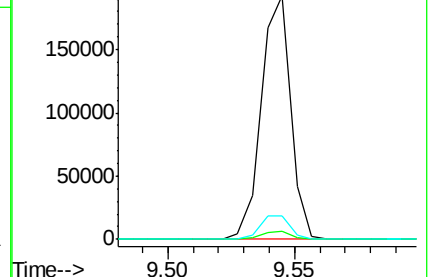
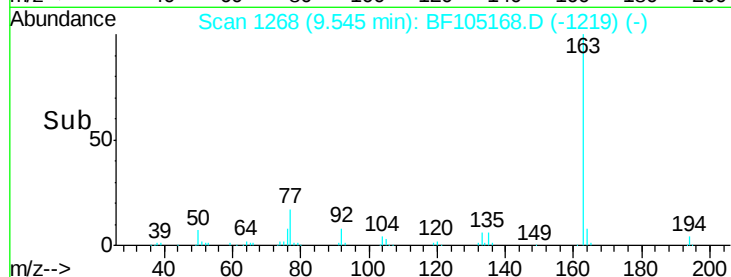
164 9.8 8.2 12.2



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: 5.462 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

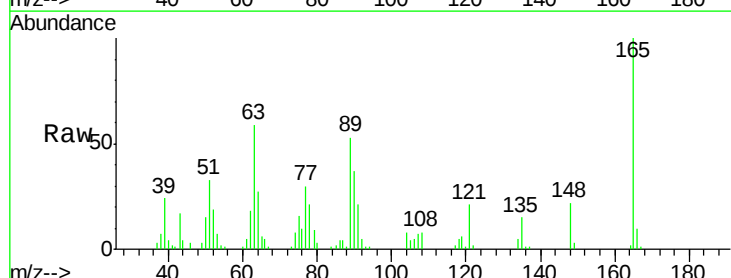
Tgt Ion:165 Resp: 30604

Ion Ratio Lower Upper

165 100

63 58.7 44.7 67.1

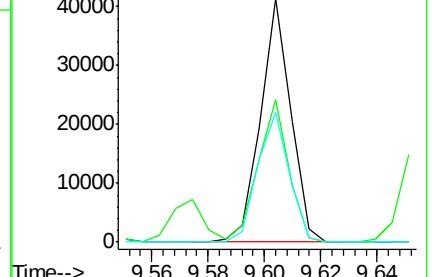
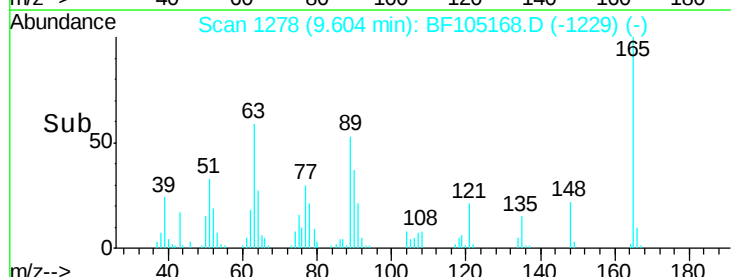
89 53.3 44.0 66.0

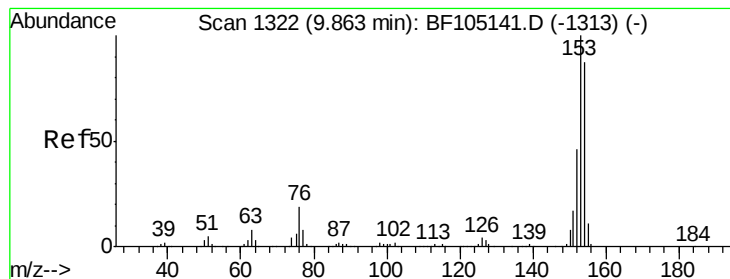


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 6.003 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

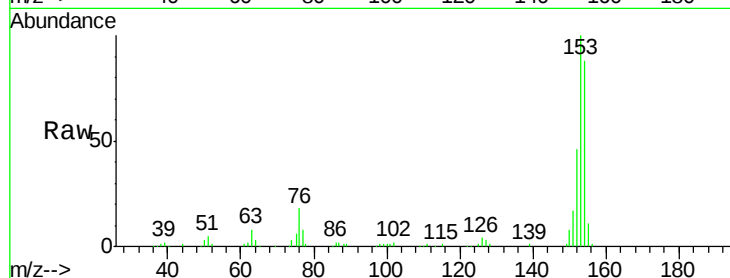
Tot Ion:154 Resp: 138783

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

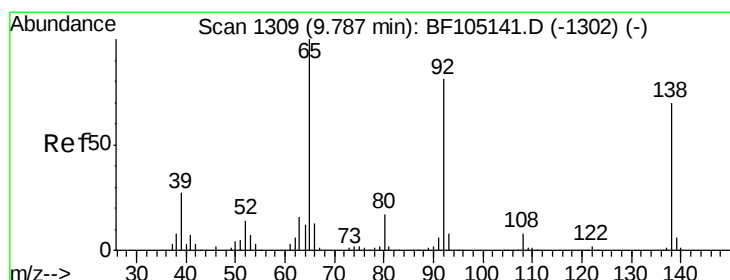
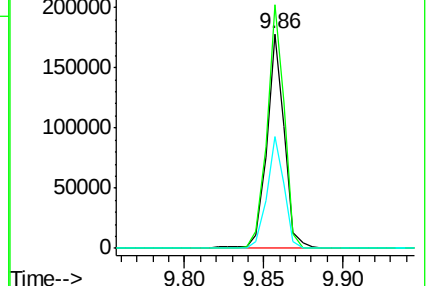
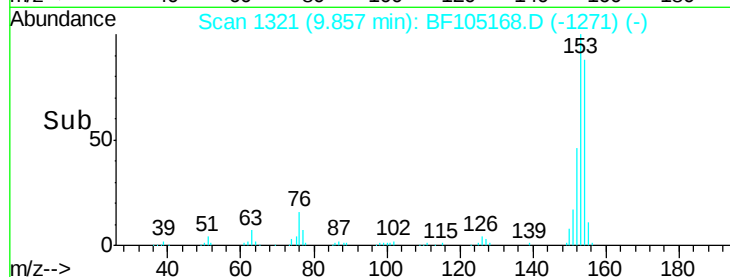
152 52.1 43.8 65.8



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: 5.532 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

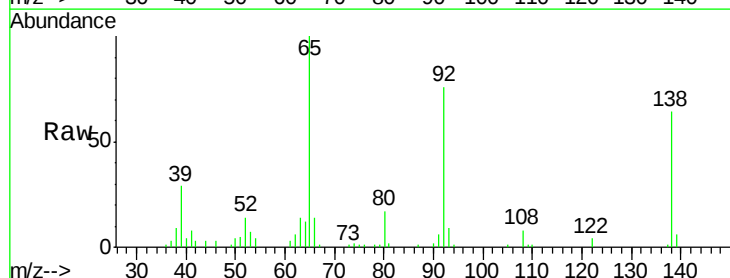
Tgt Ion:138 Resp: 32648

Ion Ratio Lower Upper

138 100

108 13.1 9.4 14.0

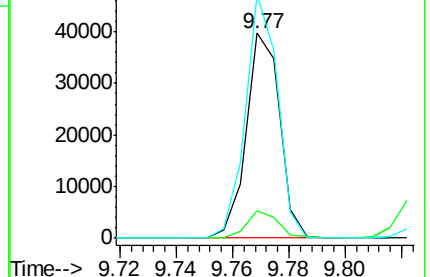
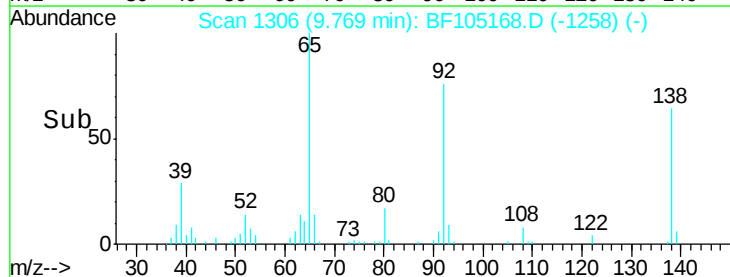
92 118.7 89.4 134.2

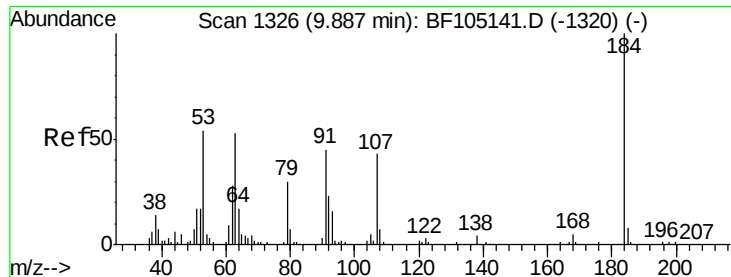


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

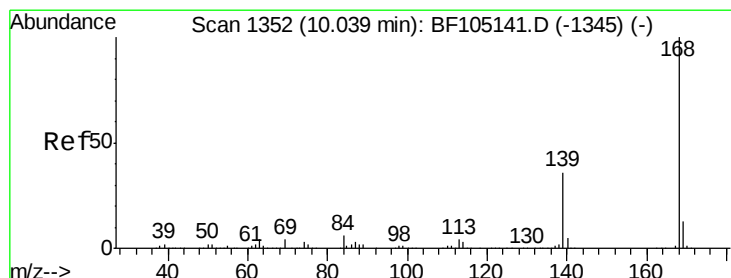
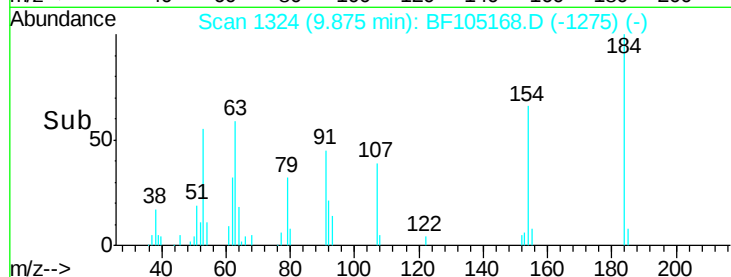
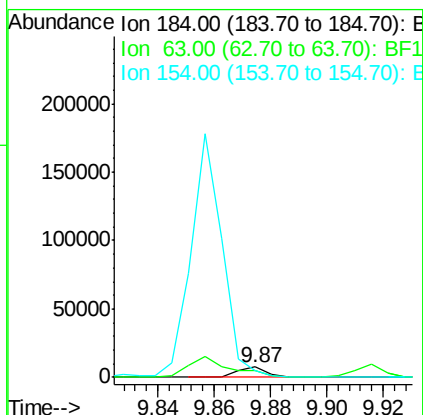
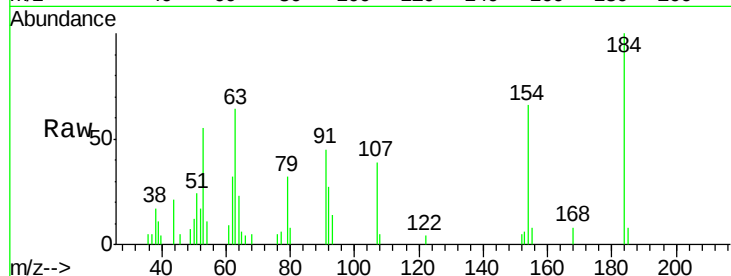




#53
 2,4-Dinitrophenol
 Concen: 13.262 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

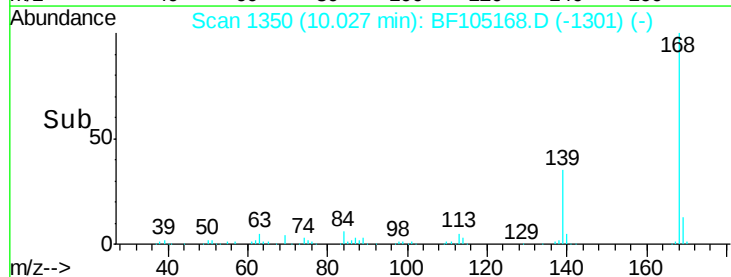
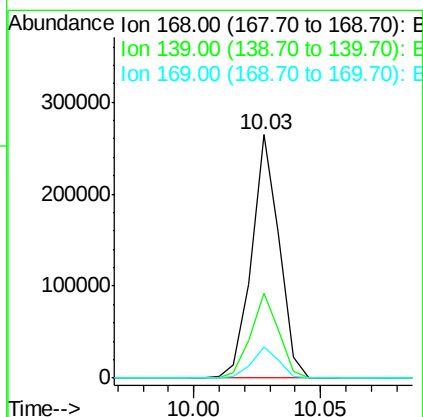
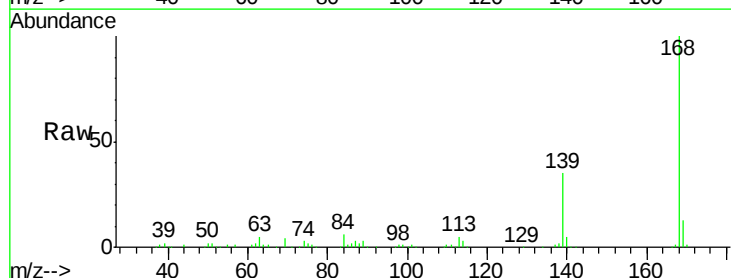
Instrument :
 BNA_F
 ClientSampleId :

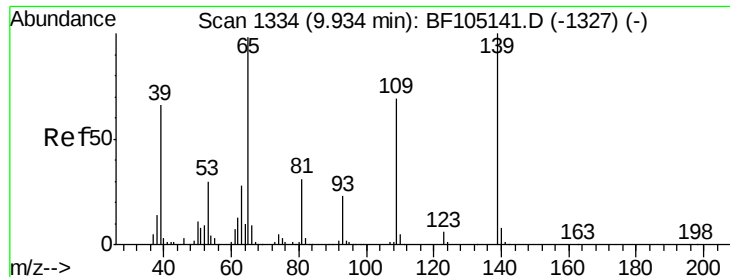
Tot Ion:184 Resp: 5913
 Ion Ratio Lower Upper
 184 100
 63 63.9 54.2 81.2
 154 65.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 5.897 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Tgt Ion:168 Resp: 199439
 Ion Ratio Lower Upper
 168 100
 139 35.1 30.1 45.1
 169 13.0 10.9 16.3

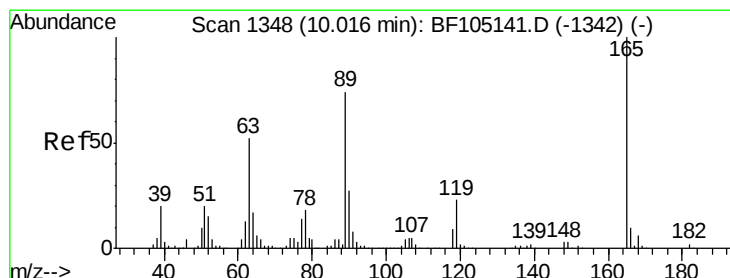
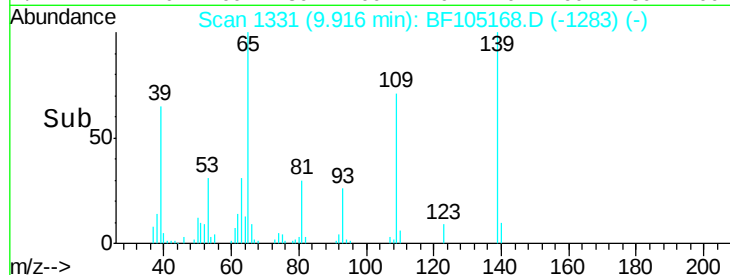
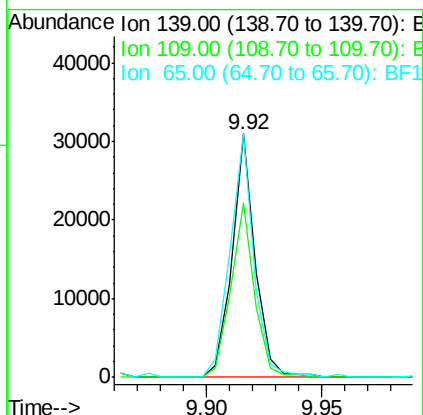
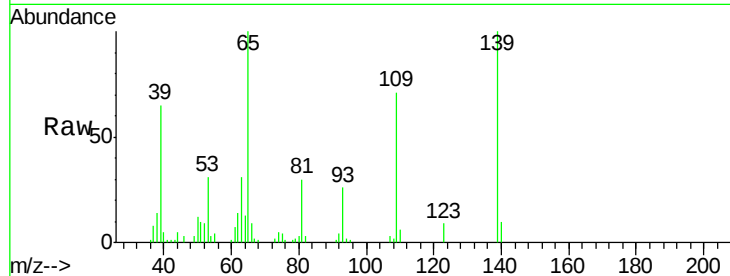




#55
4-Nitrophenol
Concen: 8.147 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

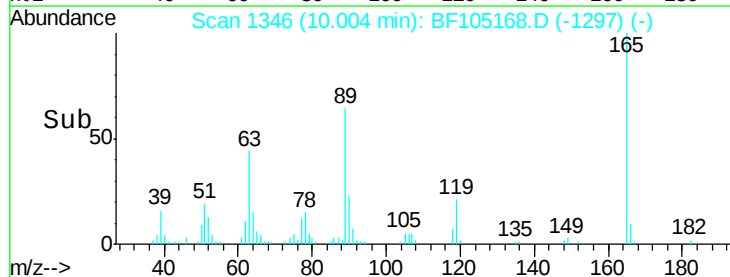
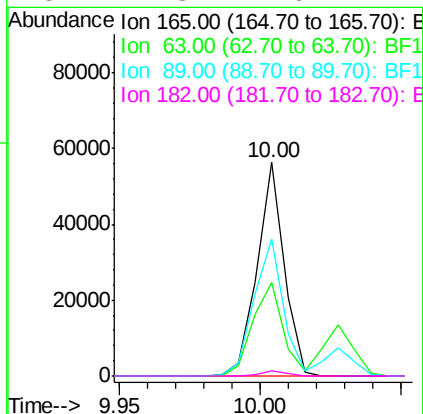
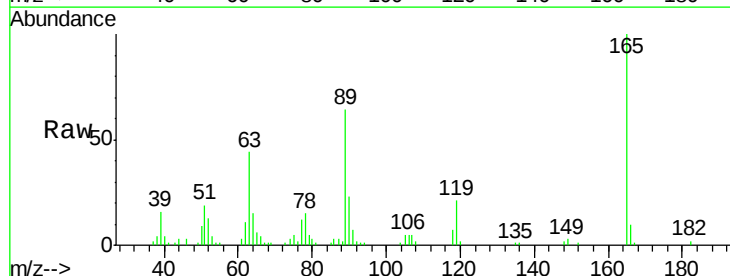
Instrument :
BNA_F
ClientSampleId :

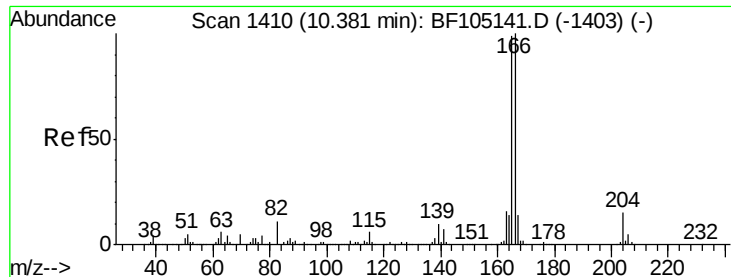
Tot Ion	Ratio	Lower	Upper
139	100		
109	71.6	48.4	88.4
65	100.2	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 8.281 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.7	36.4	54.6
89	64.2	57.8	86.6
182	2.3	1.6	2.4

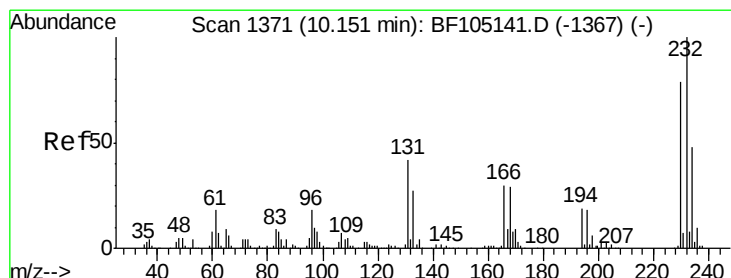
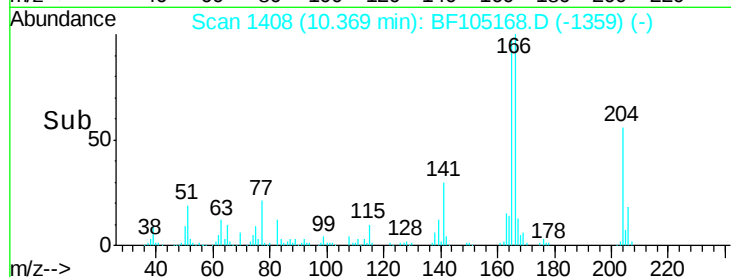
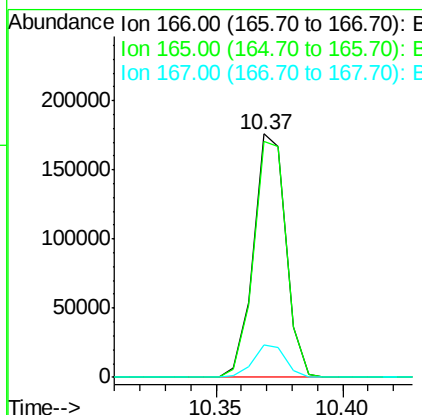
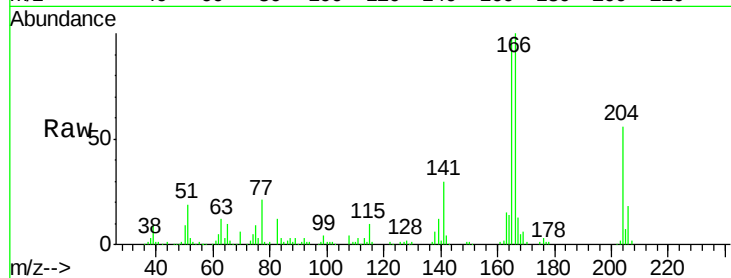




#57
 Fluorene
 Concen: 6.294 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

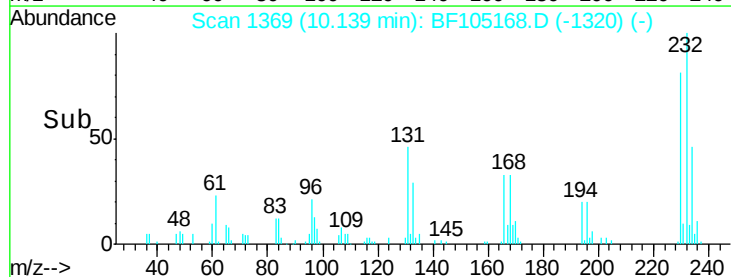
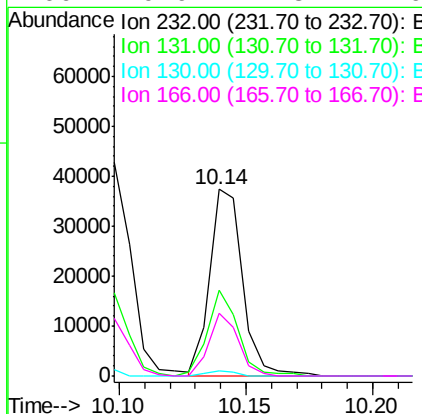
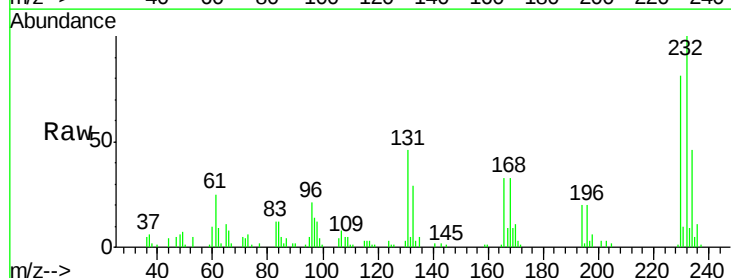
Instrument :
 BNA_F
 ClientSampleId :

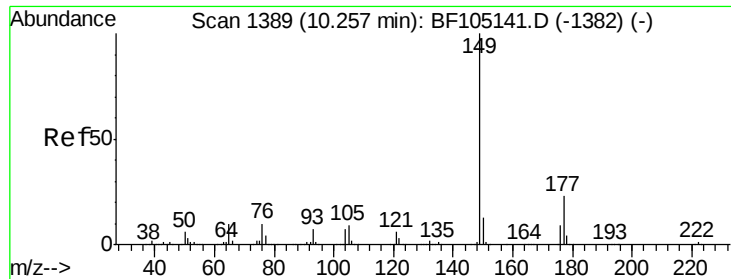
Tot Ion:166 Resp: 156086
 Ion Ratio Lower Upper
 166 100
 165 97.0 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.895 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Tgt Ion:232 Resp: 33809
 Ion Ratio Lower Upper
 232 100
 131 43.3 43.8 65.8#
 130 2.4 2.1 3.1
 166 29.9 27.8 41.6

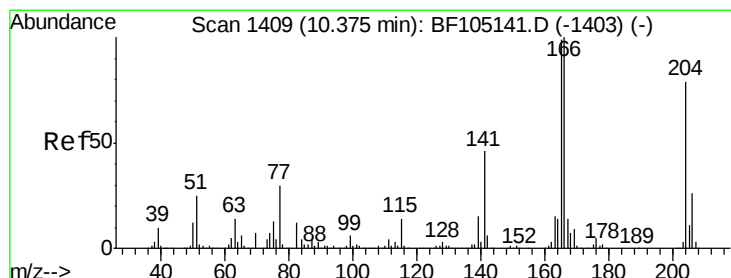
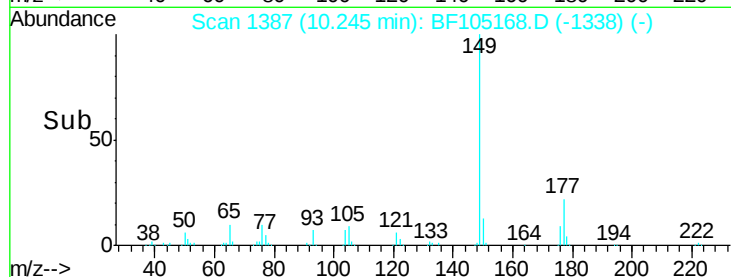
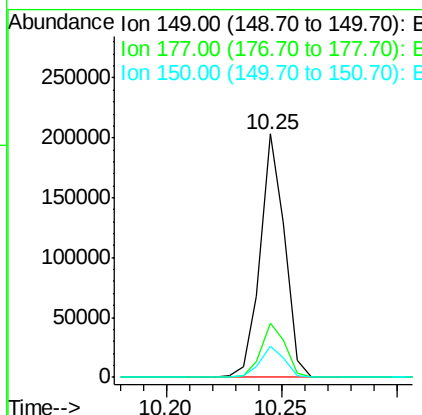
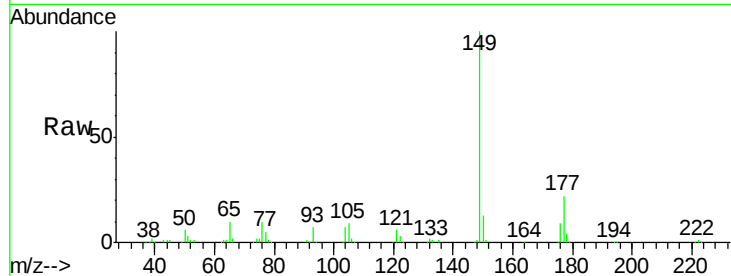




#59
Diethylphthalate
Concen: 5.935 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

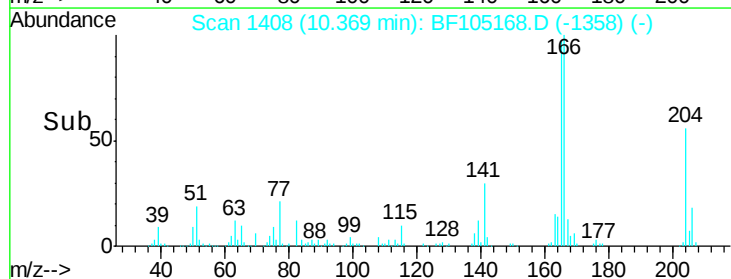
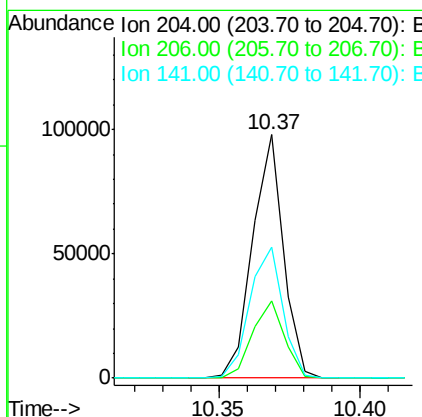
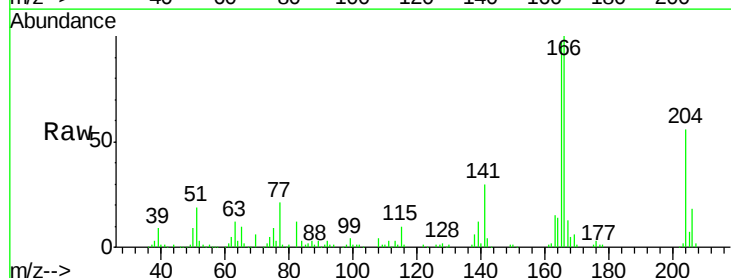
Instrument :
BNA_F
ClientSampleId :

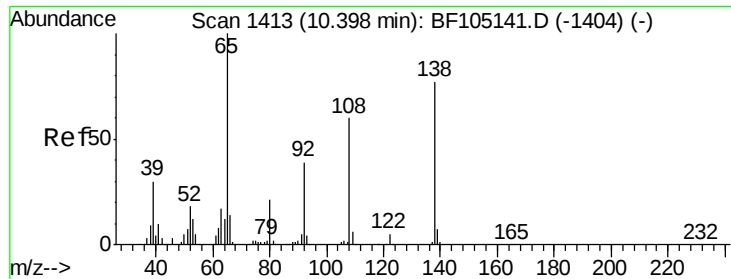
Tot Ion:149 Resp: 150604
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 6.445 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion:204 Resp: 74409
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 53.6 54.6 81.8#

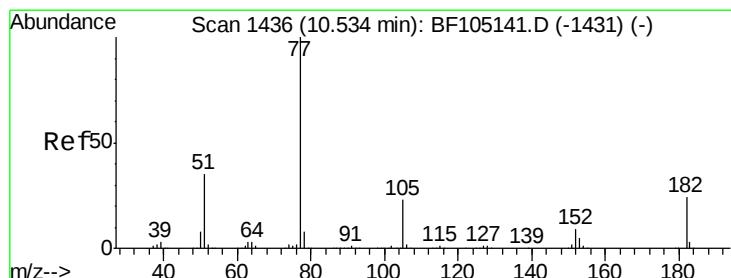
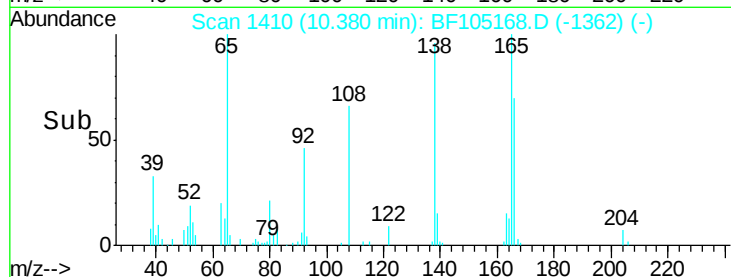
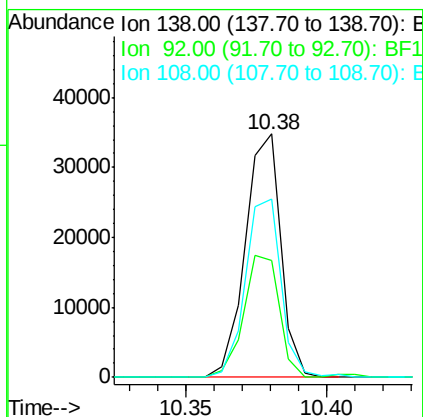
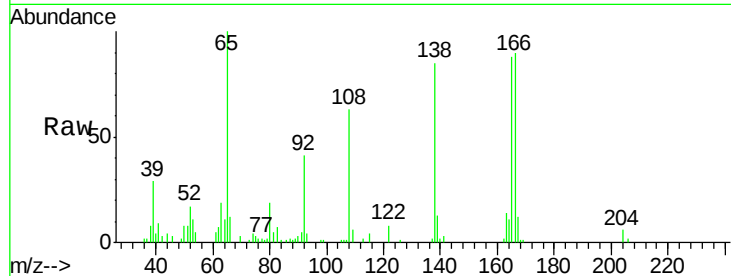




#61
4-Nitroaniline
Concen: 5.167 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

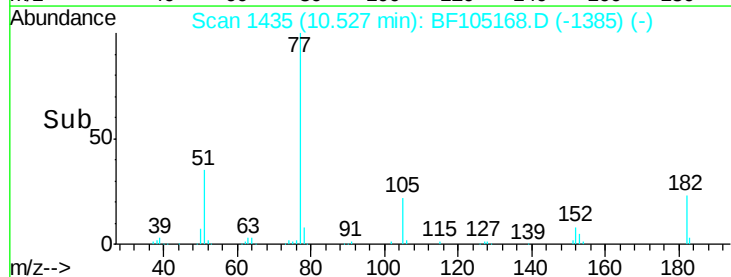
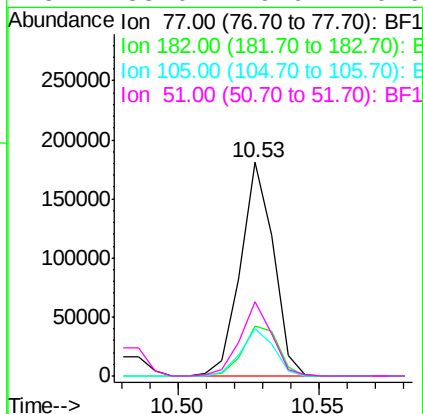
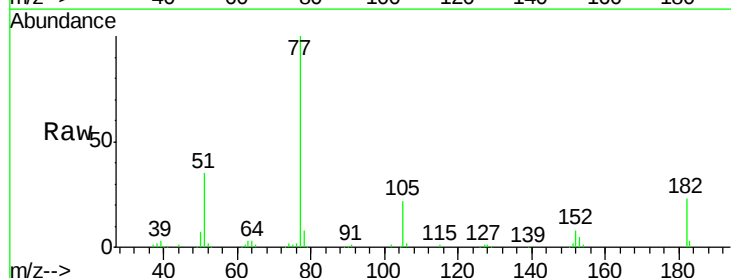
Instrument :
BNA_F
ClientSampled :

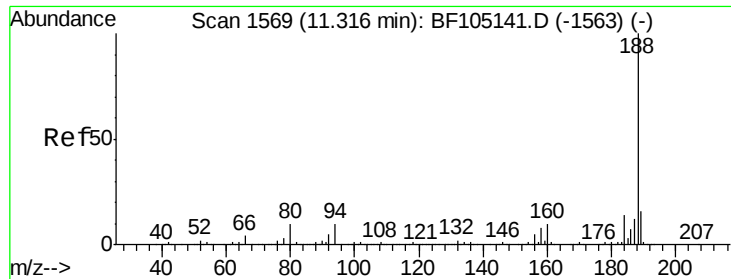
Tot Ion:138 Resp: 30345
Ion Ratio Lower Upper
138 100
92 47.8 30.2 70.2
108 73.5 52.5 92.5



#62
Azobenzene
Concen: 5.550 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion: 77 Resp: 146922
Ion Ratio Lower Upper
77 100
182 23.1 1.7 41.7
105 22.4 3.0 43.0
51 35.0 9.9 49.9

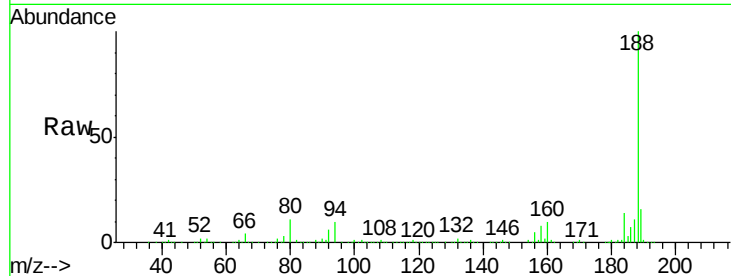




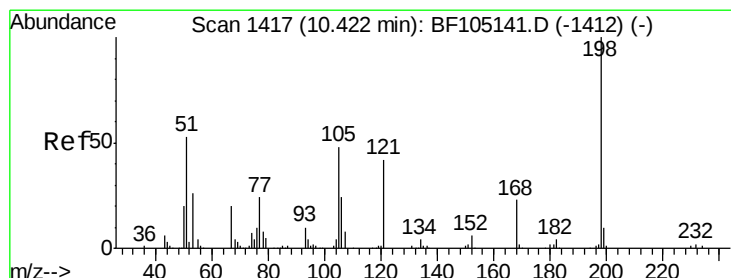
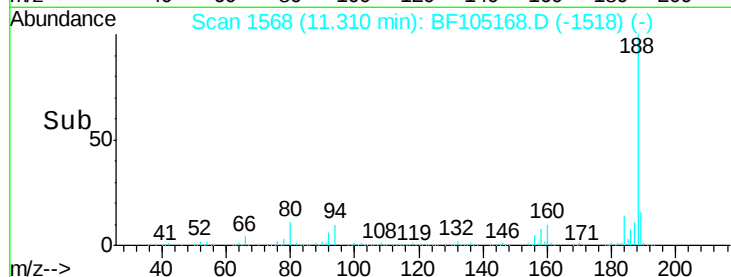
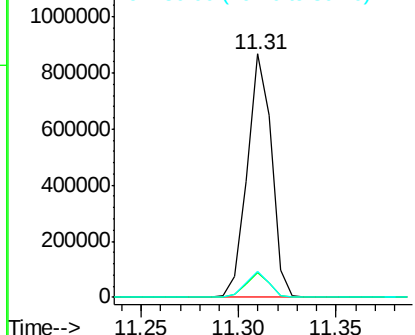
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 745212
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8

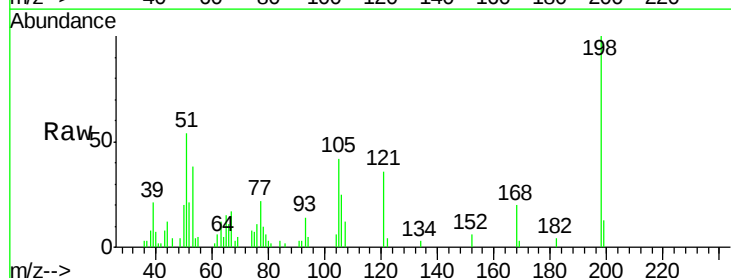


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

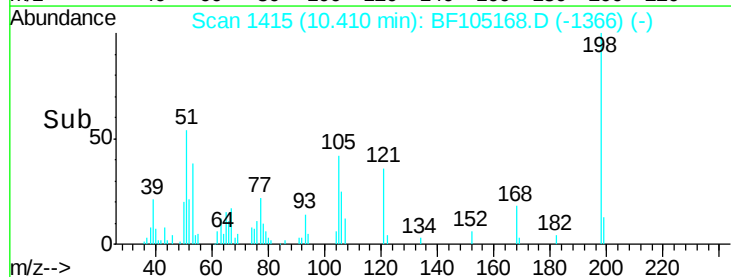
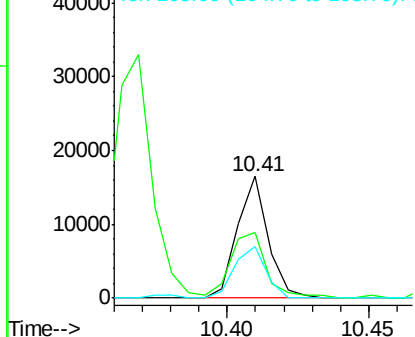


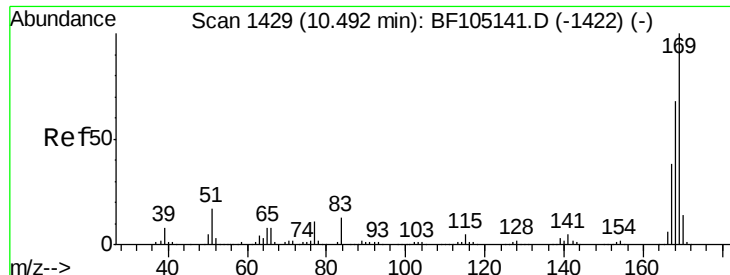
#64
4,6-Dinitro-2-methylphenol
Concen: 13.325 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion:198 Resp: 12484
Ion Ratio Lower Upper
198 100
51 54.2 37.7 77.7
105 42.0 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

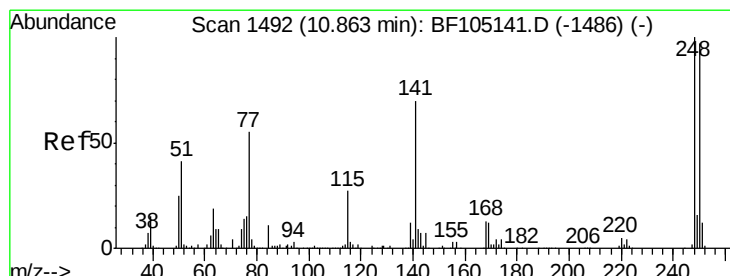
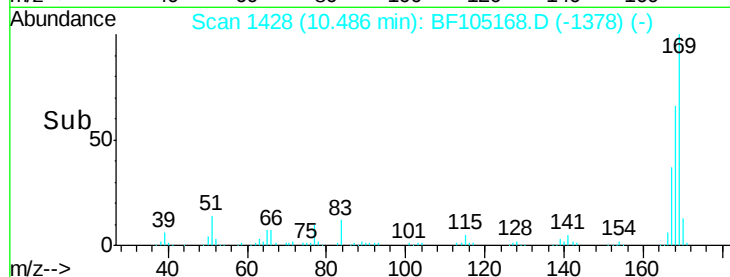
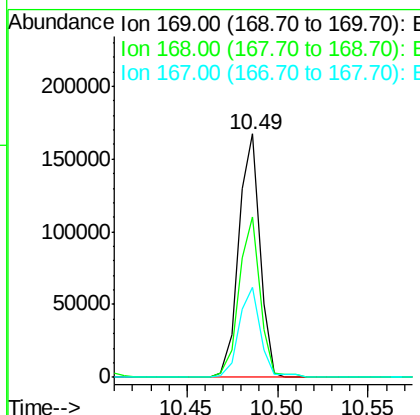
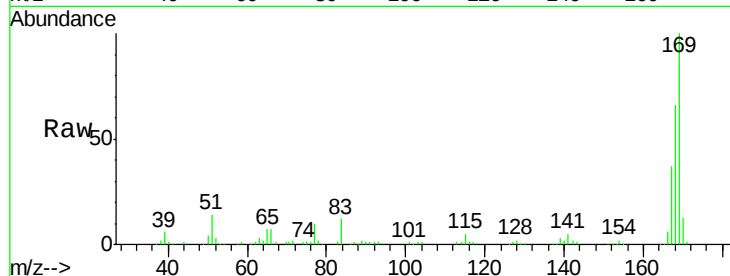




#65
 n-Nitrosodiphenylamine
 Concen: 5.845 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

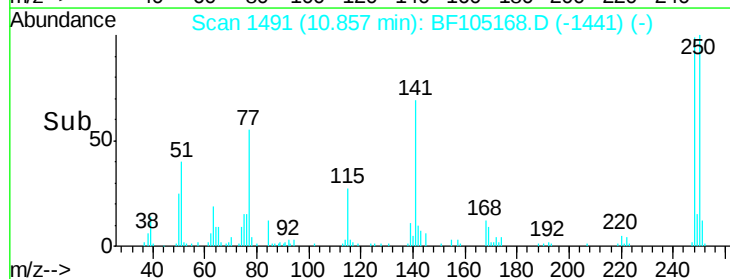
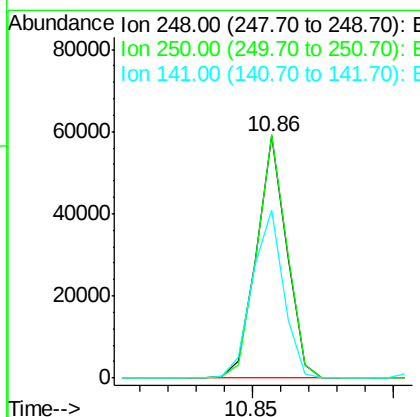
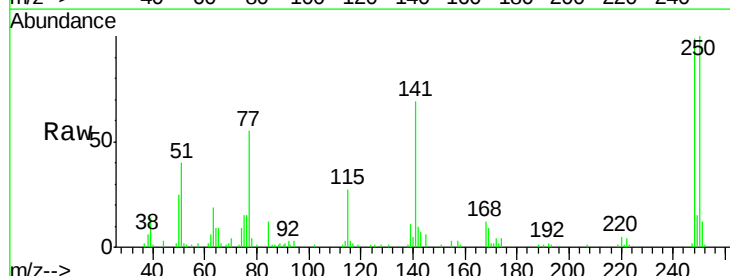
Instrument :
 BNA_F
 ClientSampleId :

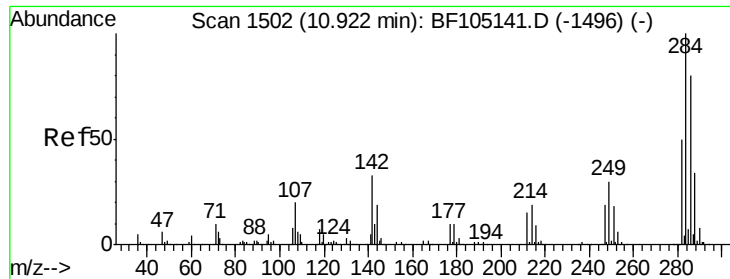
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	54.4	81.6
167	37.2	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 5.489 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.6	76.9	115.3
141	69.3	74.4	111.6#





#67

Hexachlorobenzene

Concen: 5.837 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

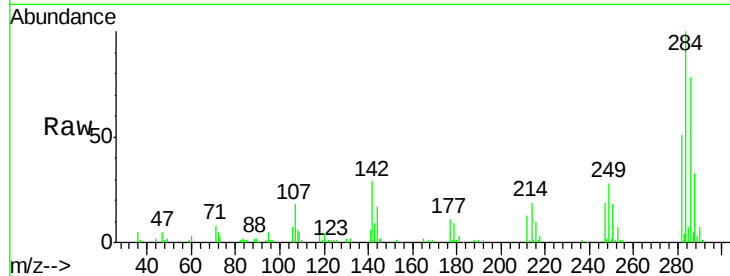
Tot Ion:284 Resp: 53450

Ion Ratio Lower Upper

284 100

142 28.8 34.6 52.0#

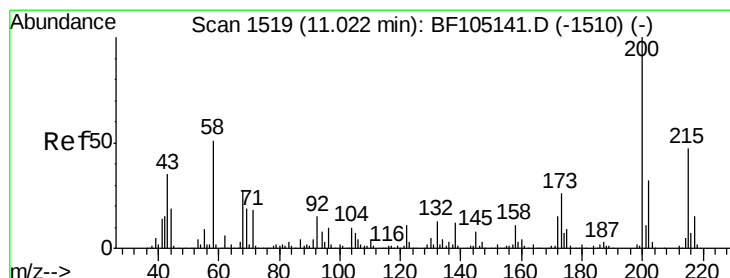
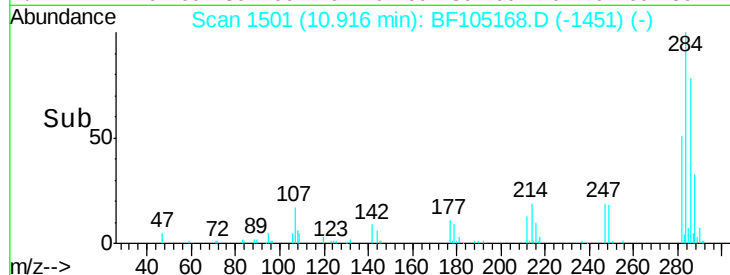
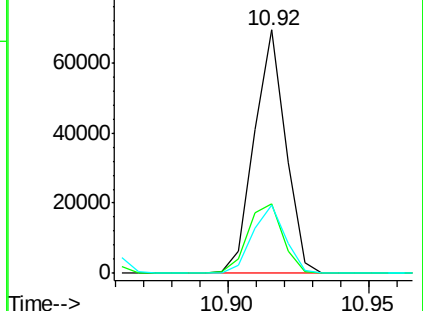
249 27.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 3.595 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.02 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

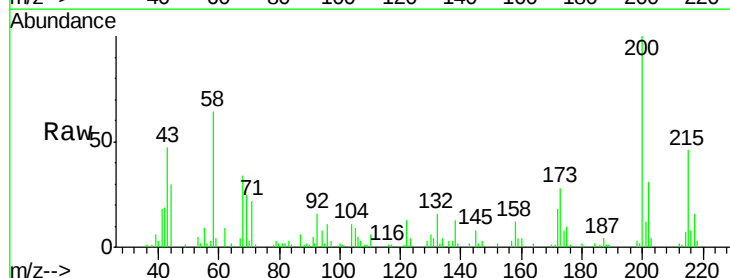
Tgt Ion:200 Resp: 26173

Ion Ratio Lower Upper

200 100

173 27.9 8.6 48.6

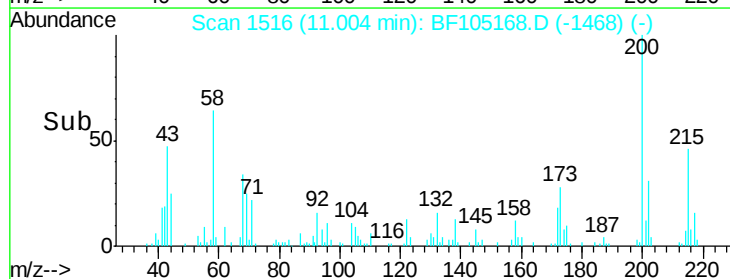
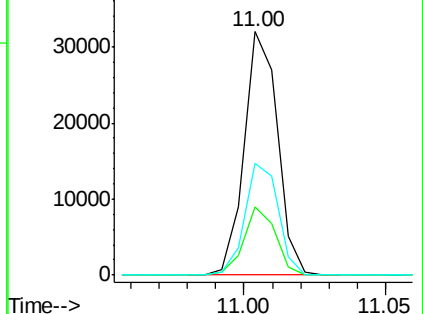
215 46.1 25.1 65.1

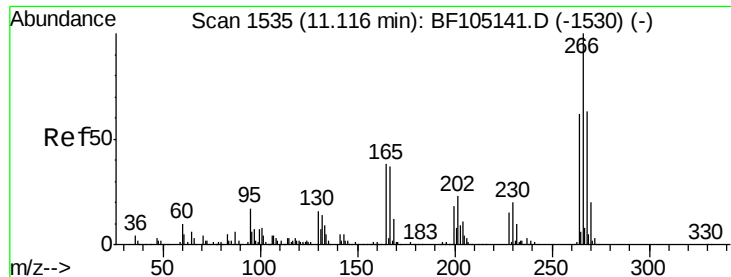


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

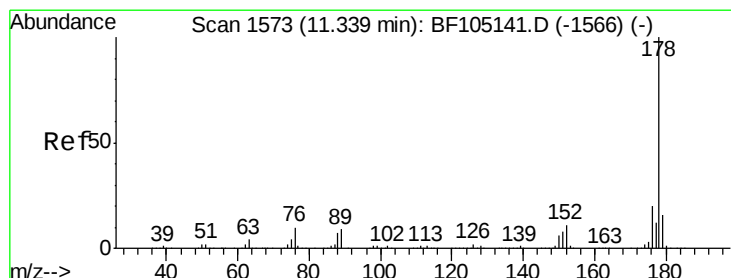
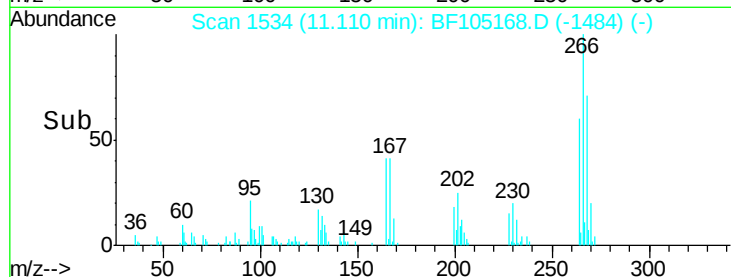
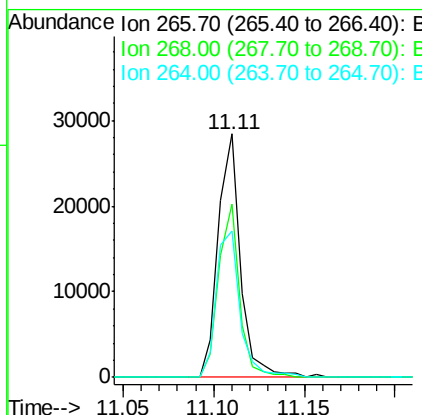
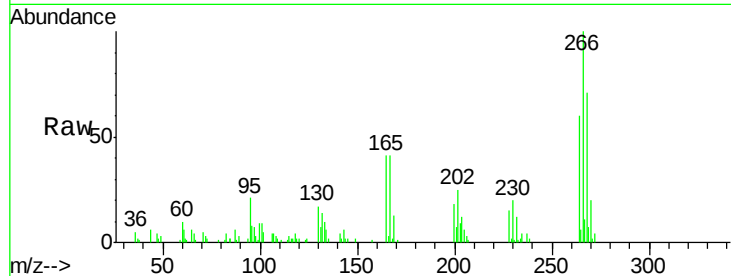




#69
 Pentachlorophenol
 Concen: 7.539 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

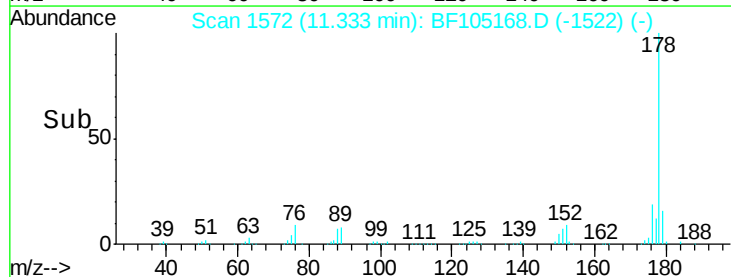
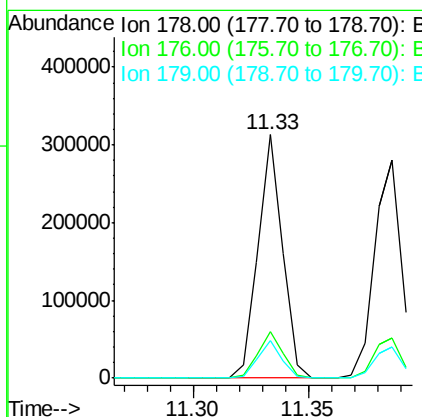
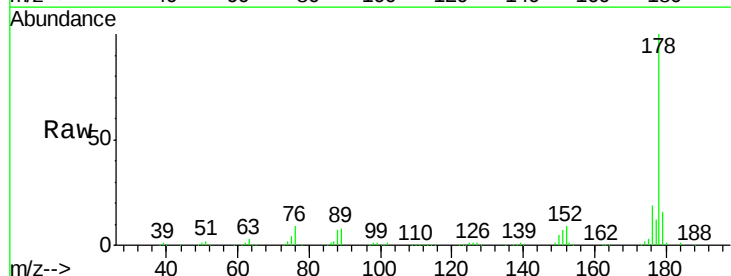
Instrument :
 BNA_F
 ClientSampleId :

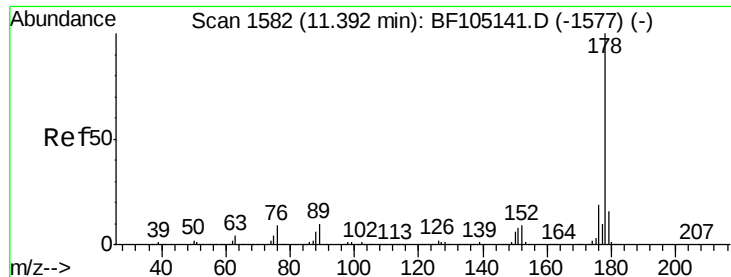
Tot Ion:266 Resp: 24298
 Ion Ratio Lower Upper
 266 100
 268 71.1 51.1 76.7
 264 59.9 49.5 74.3



#70
 Phenanthrene
 Concen: 5.931 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Tgt Ion:178 Resp: 233015
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 13.0 19.6

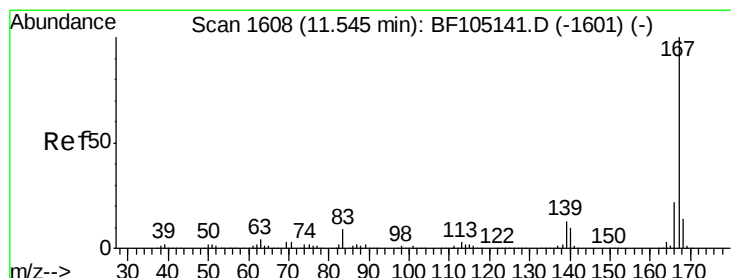
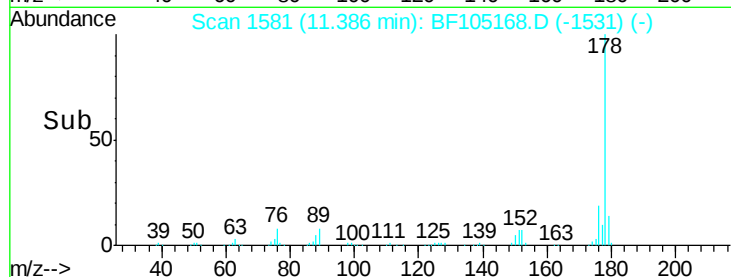
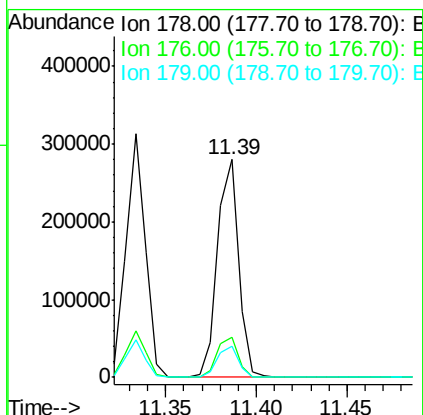
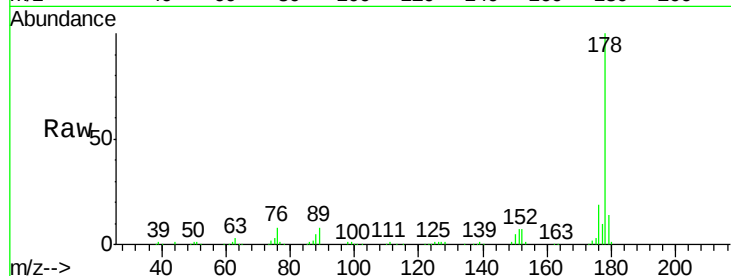




#71
 Anthracene
 Concen: 5.716 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

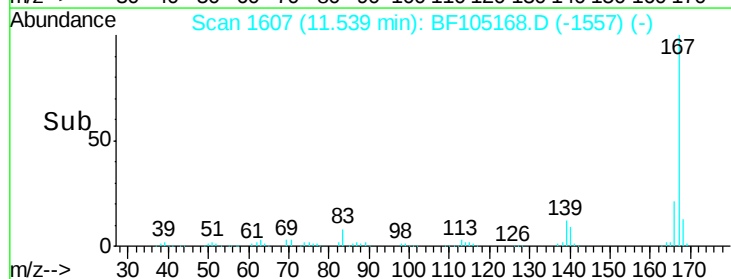
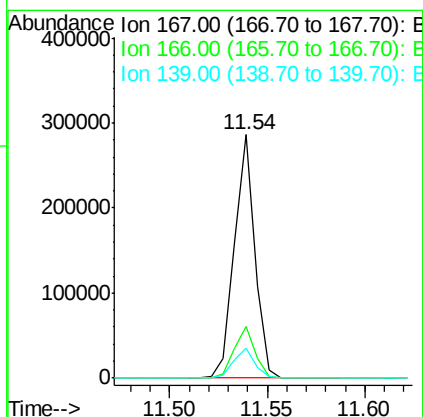
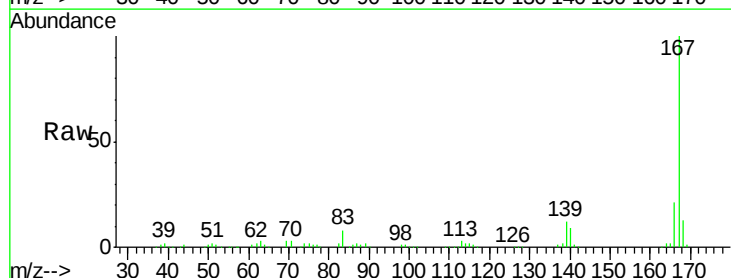
Instrument :
 BNA_F
 ClientSampleId :

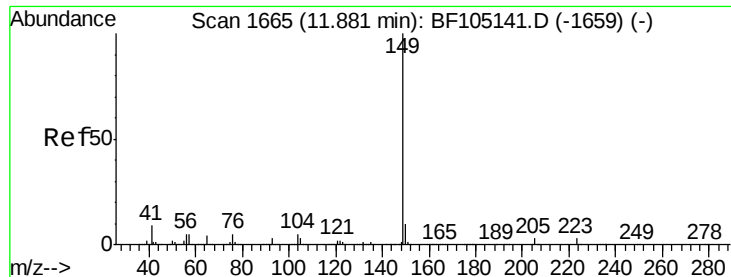
Tot Ion:178 Resp: 228168
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 14.4 12.6 19.0



#72
 Carbazole
 Concen: 5.794 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Tgt Ion:167 Resp: 208437
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 5.608 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105168.D

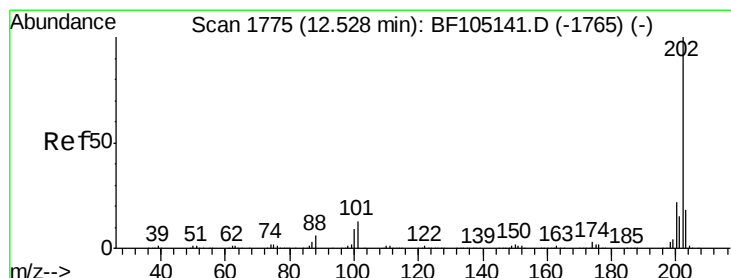
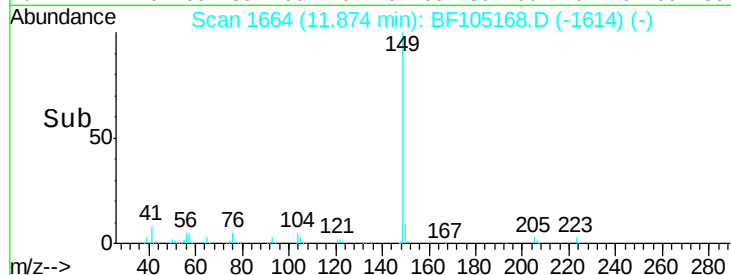
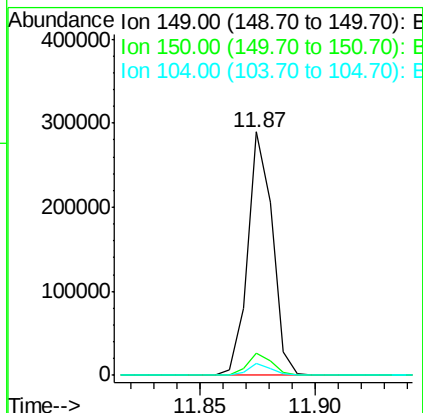
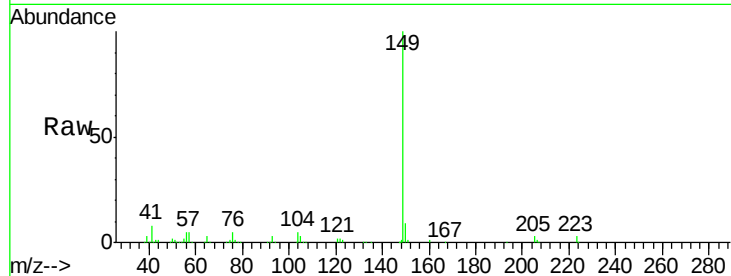
Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	215776
Ion Ratio	Lower	Upper
149	100	
150	9.0	7.8 11.6
104	4.9	3.8 5.8



#74

Fluoranthene

Concen: 5.735 ng

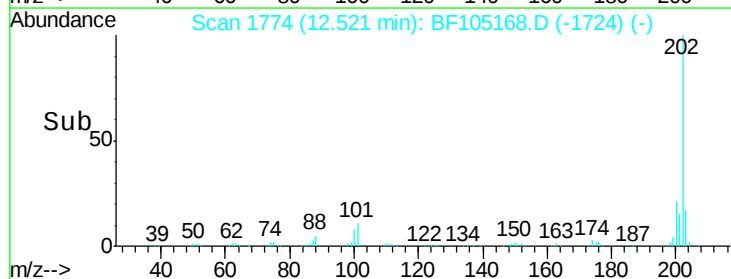
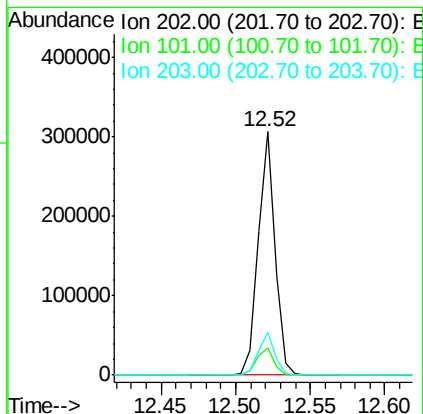
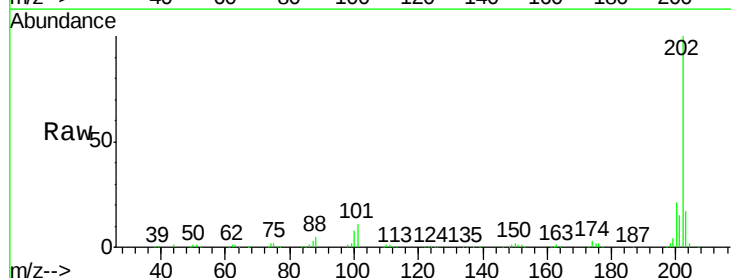
RT: 12.52 min Scan# 1774

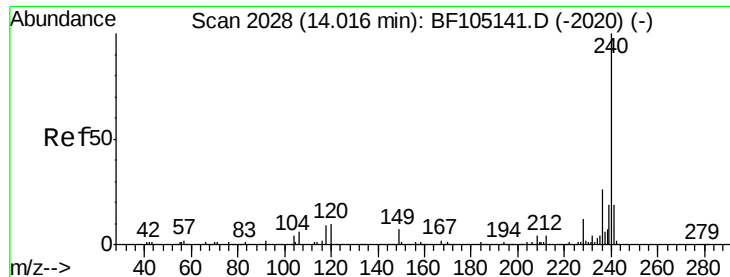
Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Tgt Ion:202	Resp:	234800
Ion Ratio	Lower	Upper
202	100	
101	11.3	0.0 34.1
203	17.4	0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

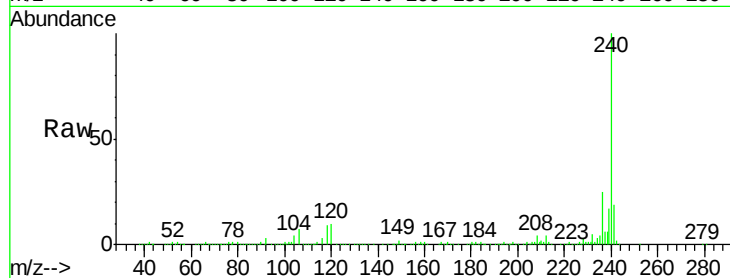
Tot Ion:240 Resp: 648485

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

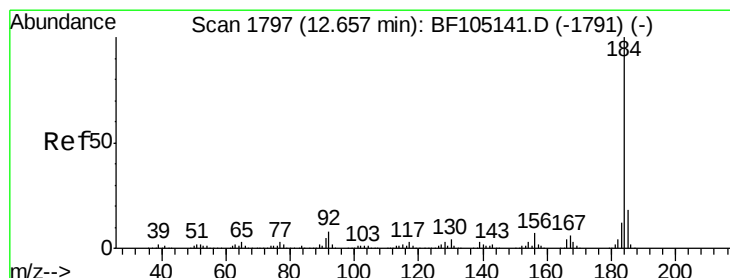
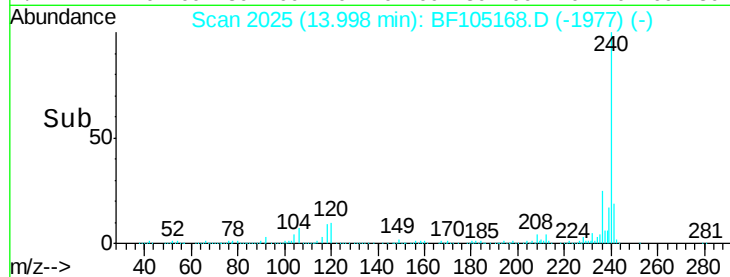
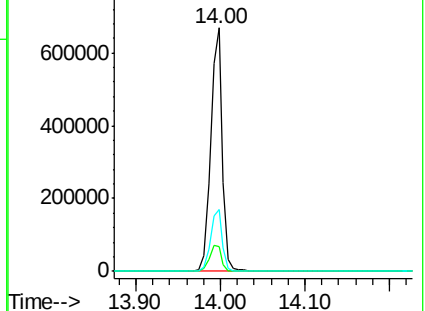
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.781 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

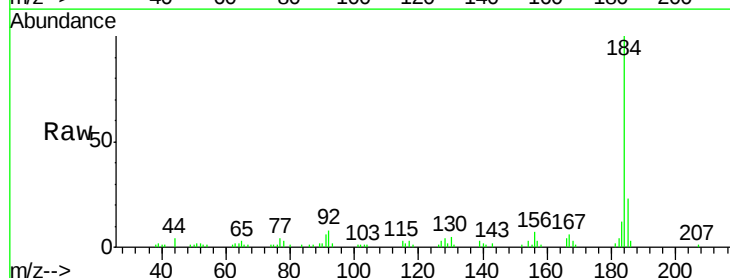
Tgt Ion:184 Resp: 43130

Ion Ratio Lower Upper

184 100

185 23.4 12.6 18.8#

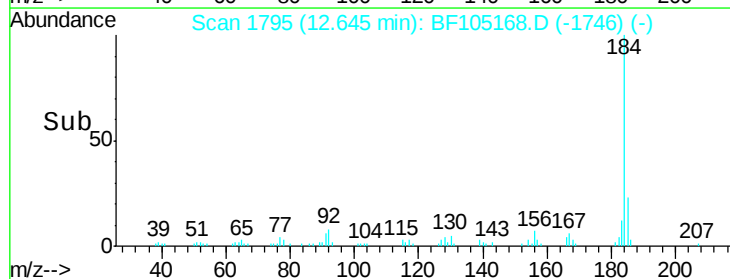
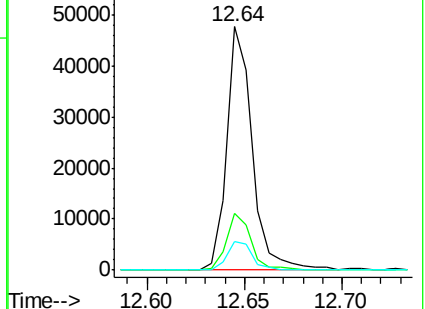
183 11.6 9.3 13.9

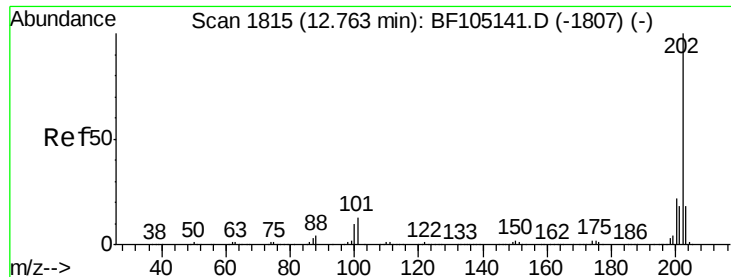


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 5.237 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

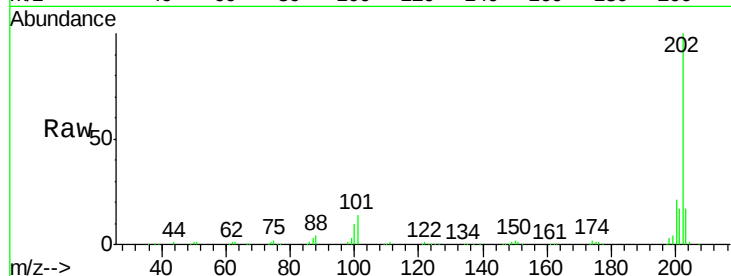
Tot Ion:202 Resp: 247008

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

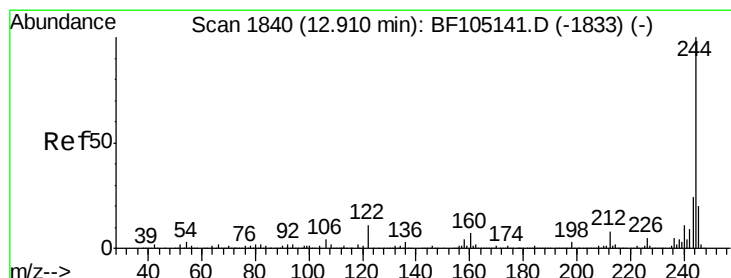
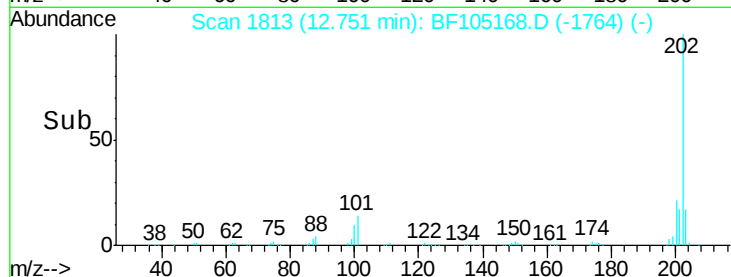
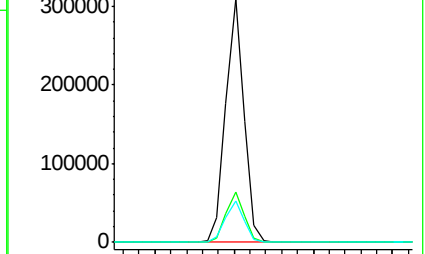
203 16.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.640 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

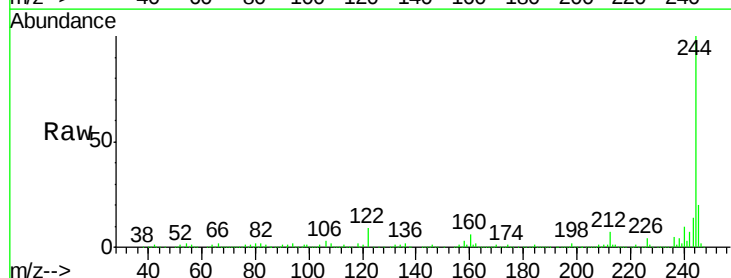
Tgt Ion:244 Resp: 2139602

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

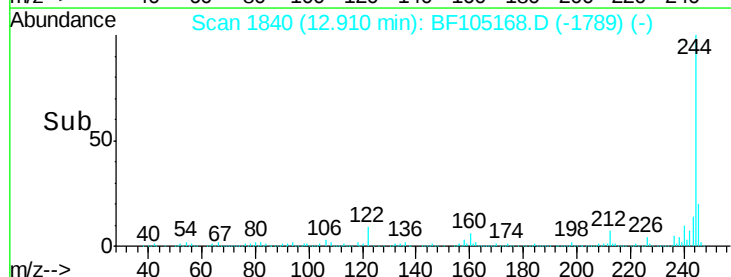
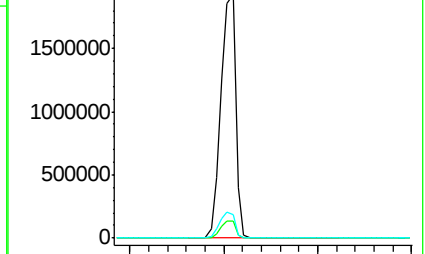
122 9.4 11.0 16.4#

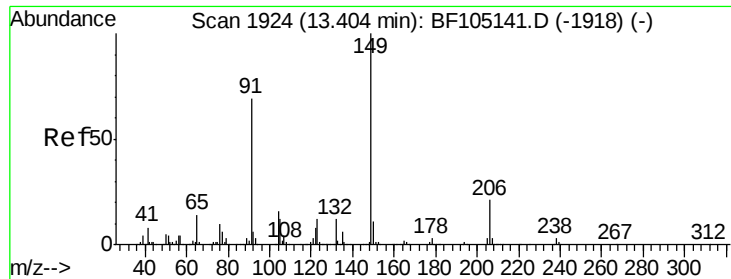


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

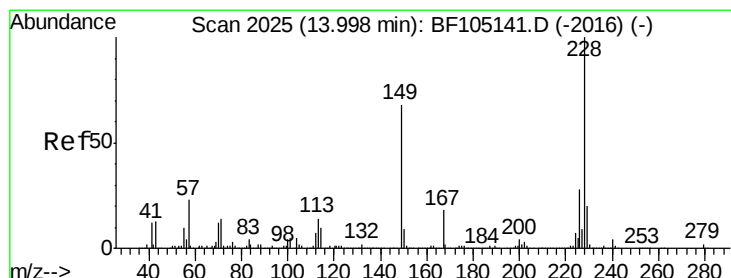
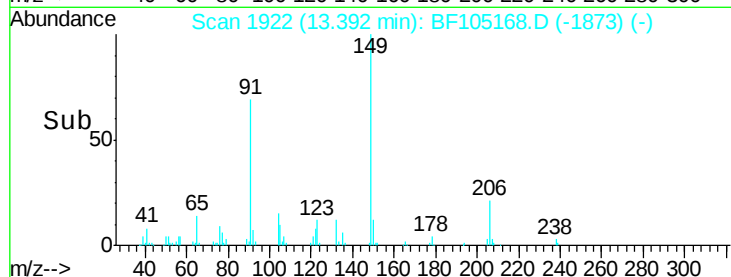
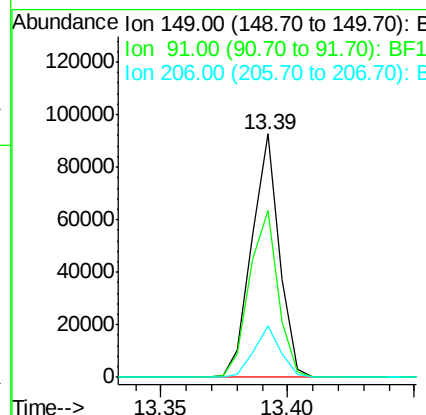
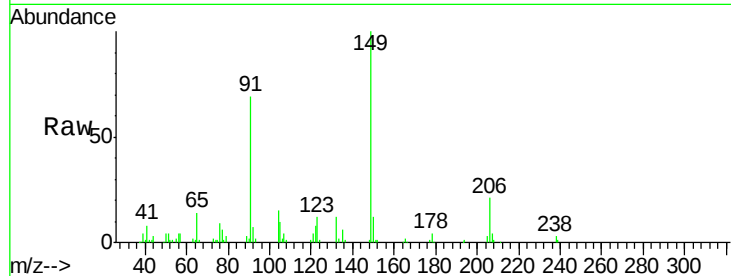




#79
Butylbenzylphthalate
Concen: 10.417 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

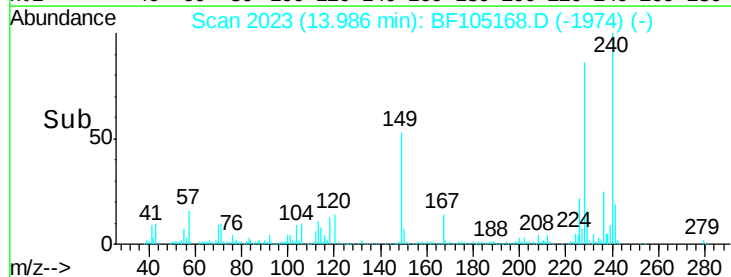
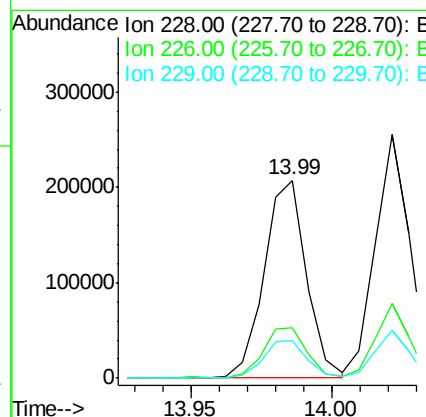
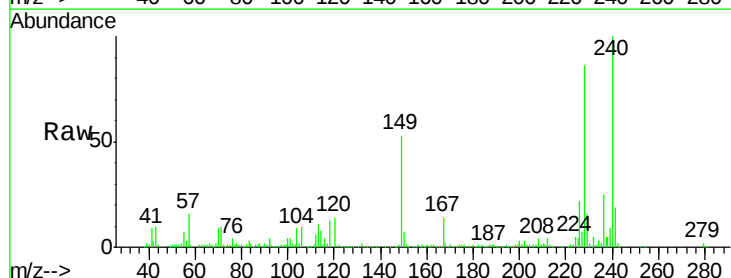
Instrument :
BNA_F
ClientSampleId :

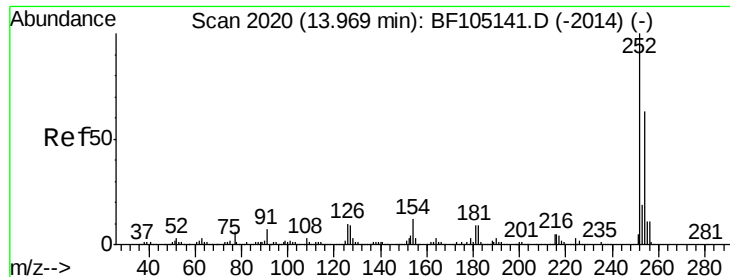
Tot Ion:149 Resp: 70022
Ion Ratio Lower Upper
149 100
91 68.8 56.8 85.2
206 21.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 5.450 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion:228 Resp: 214330
Ion Ratio Lower Upper
228 100
226 25.7 22.6 33.8
229 18.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 3.987 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

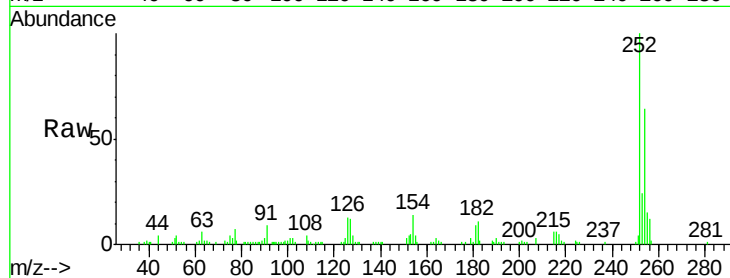
Tot Ion:252 Resp: 58948

Ion Ratio Lower Upper

252 100

254 63.6 50.4 75.6

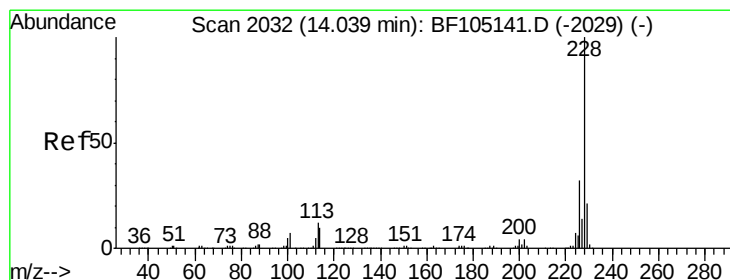
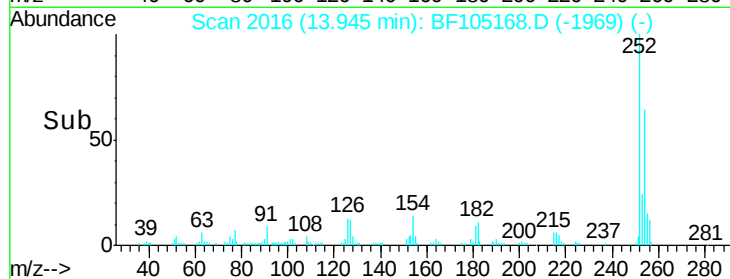
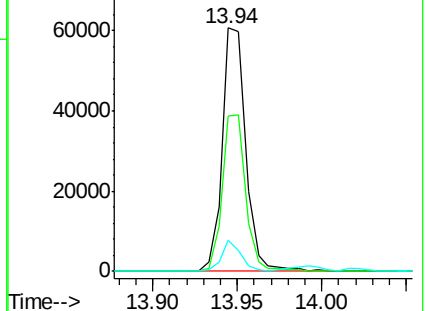
126 12.9 11.3 16.9



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: 5.446 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

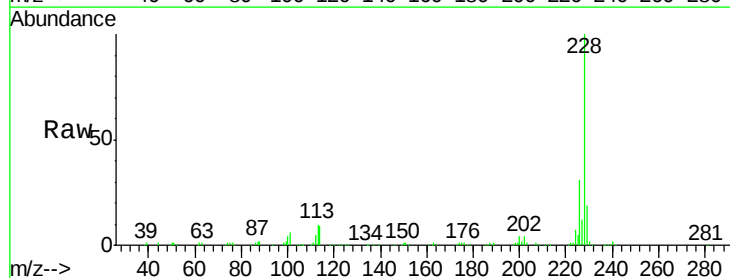
Tgt Ion:228 Resp: 220567

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

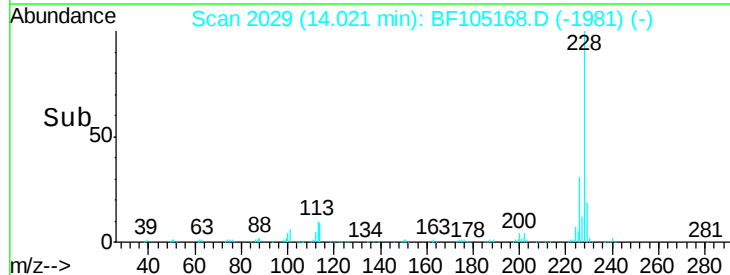
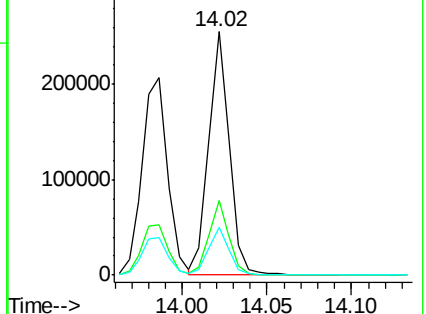
229 19.4 16.2 24.4

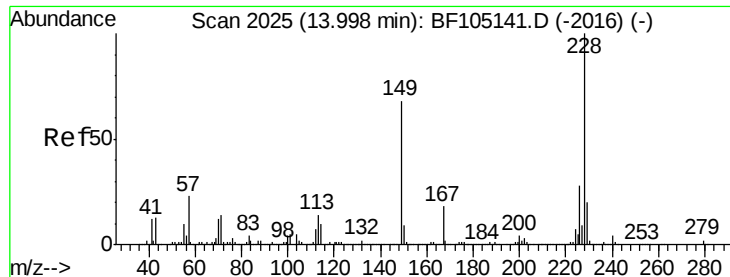


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.452 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

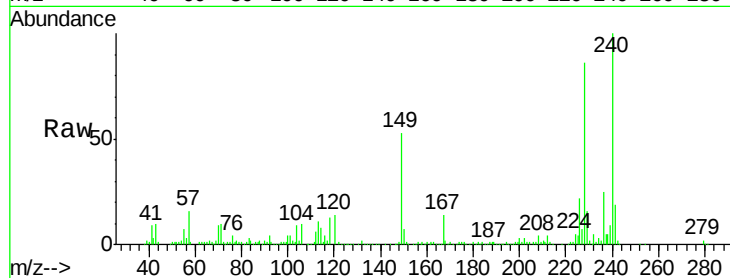
Tot Ion:149 Resp: 106321

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

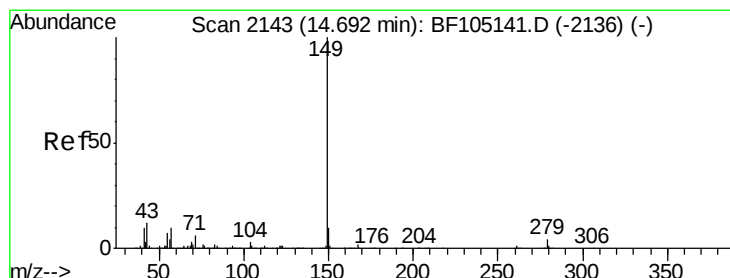
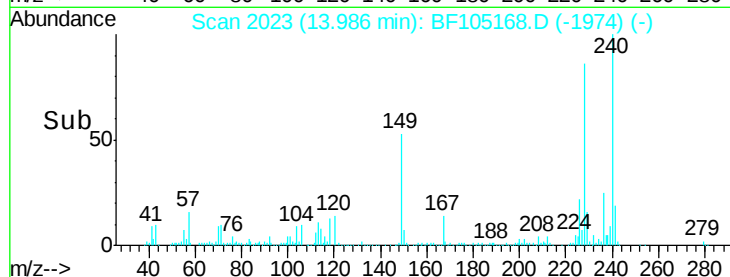
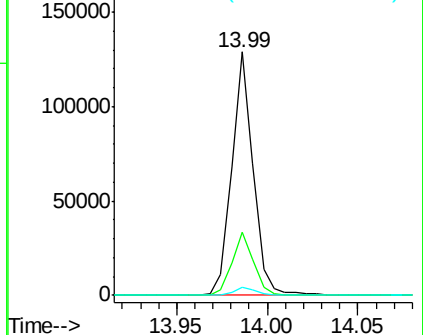
279 3.5 3.0 4.4



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: 9.952 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

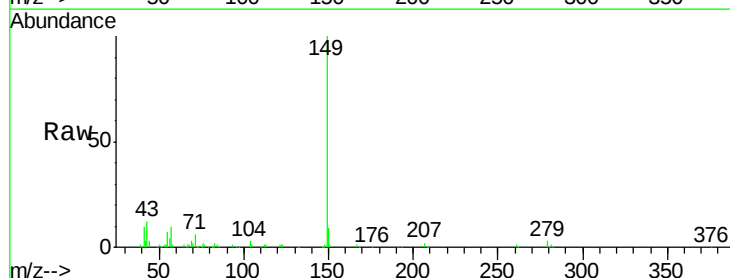
Tgt Ion:149 Resp: 133376

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

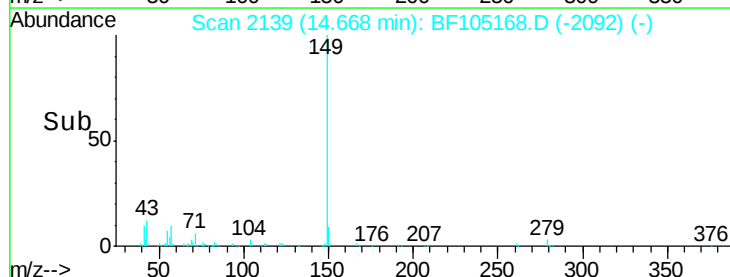
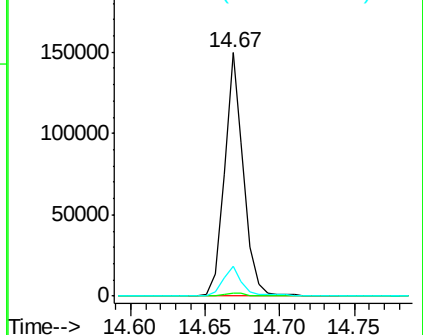
43 13.2 8.4 12.6#

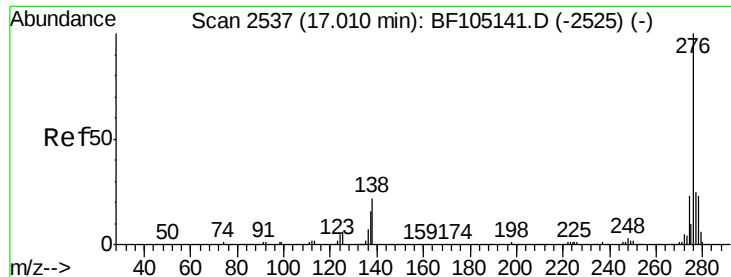


Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.498 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.04 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA_F

ClientSampleId :

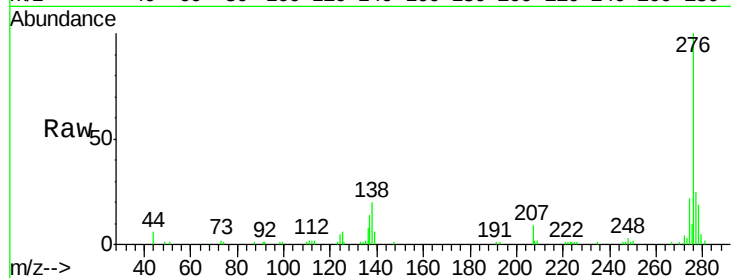
Tot Ion:276 Resp: 144362

Ion Ratio Lower Upper

276 100

138 24.6 25.0 37.6#

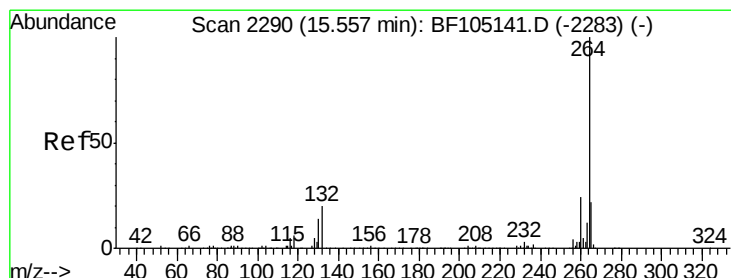
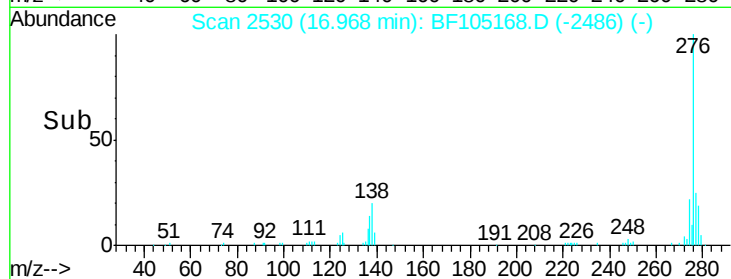
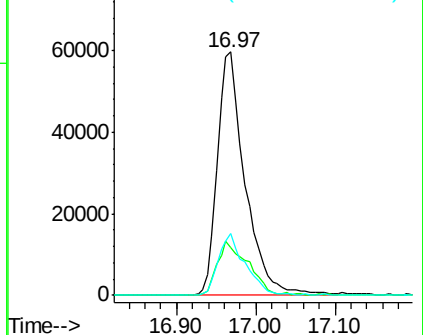
277 24.5 20.1 30.1



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: 15.53 min Scan# 2286

Delta R.T. -0.02 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

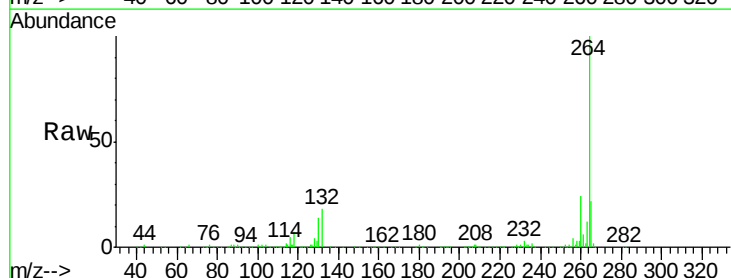
Tgt Ion:264 Resp: 577909

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

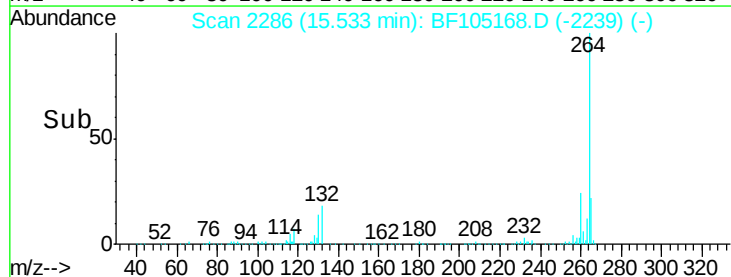
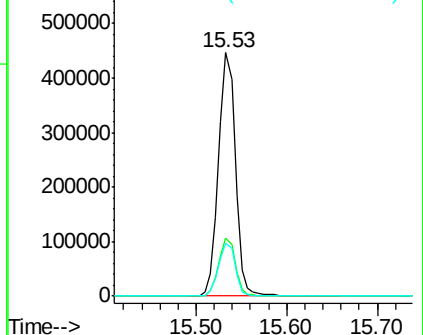
265 21.6 17.5 26.3

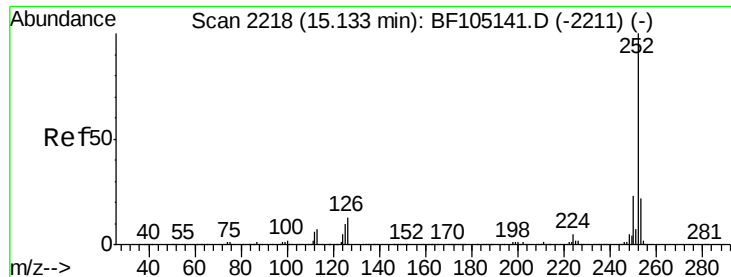


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

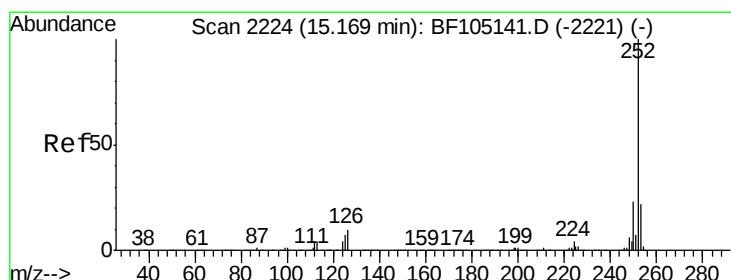
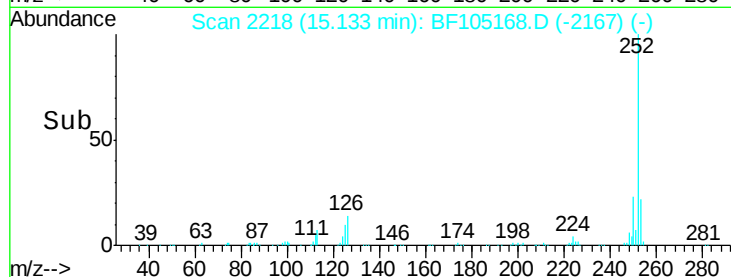
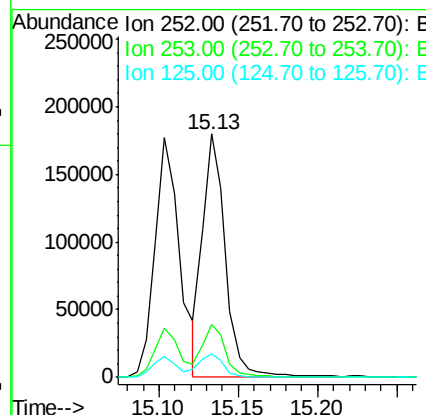
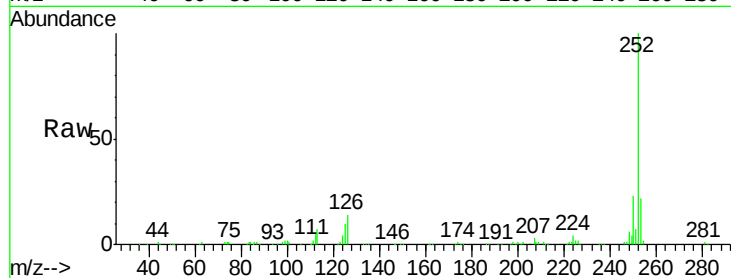




#87
Benzo(b)fluoranthene
Concen: 5.094 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

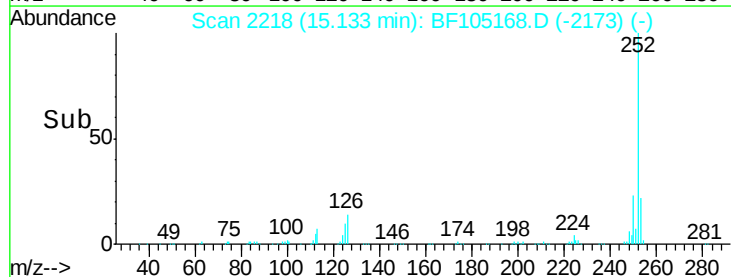
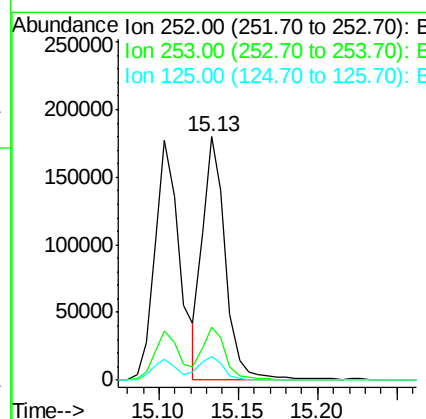
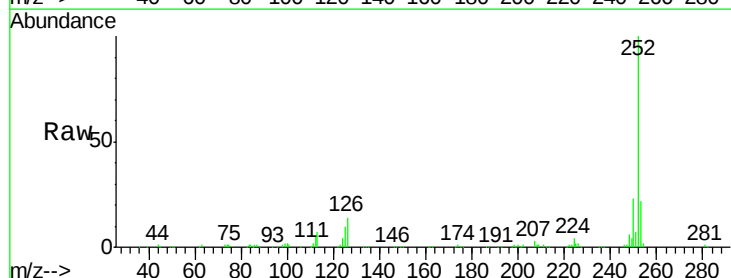
Instrument :
BNA_F
ClientSampleId :

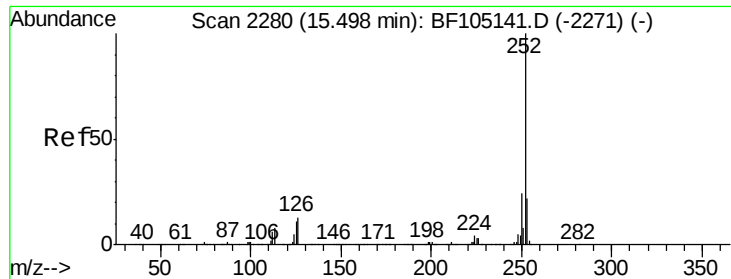
Tot Ion:252 Resp: 180109
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 5.254 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion:252 Resp: 180109
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.8 10.2 15.2#

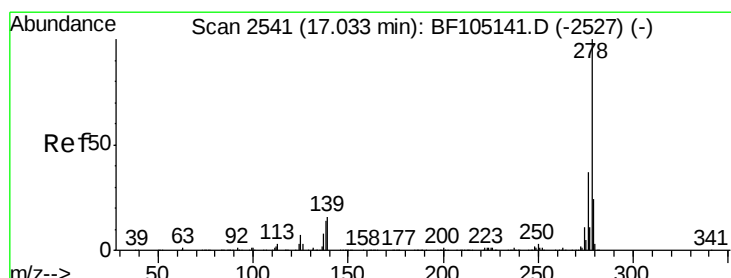
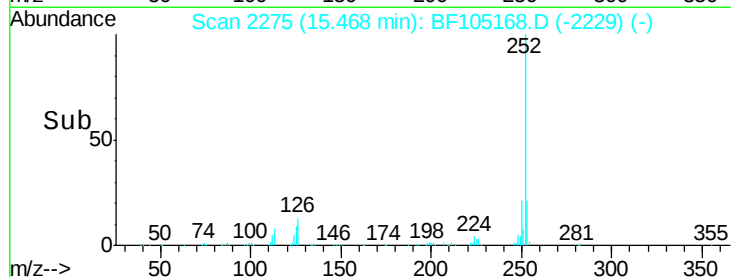
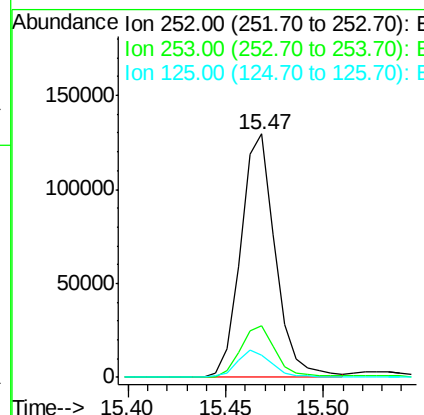
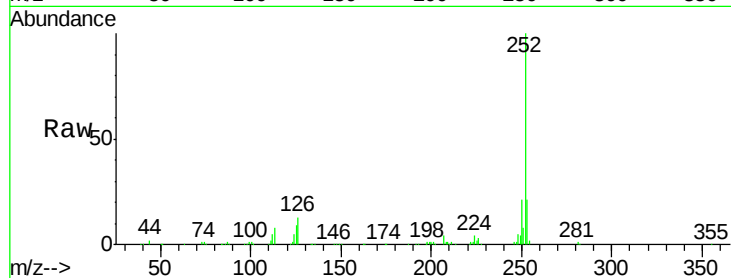




#89
Benzo(a)pyrene
Concen: 4.961 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.03 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

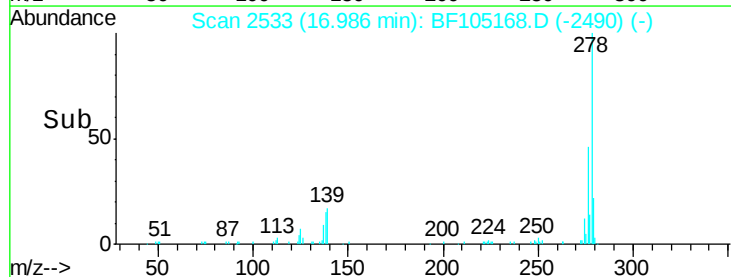
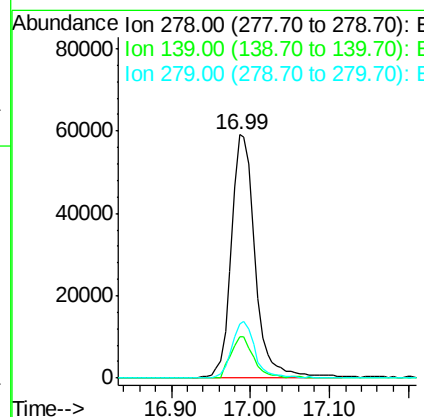
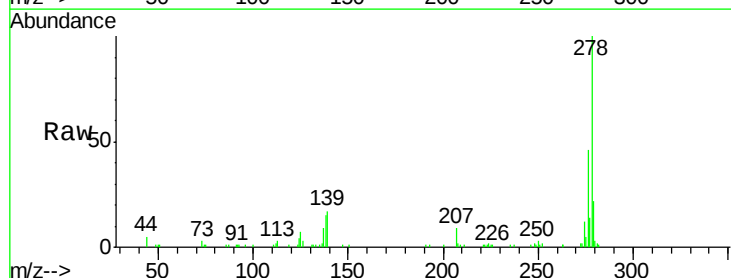
Instrument :
BNA_F
ClientSampleId :

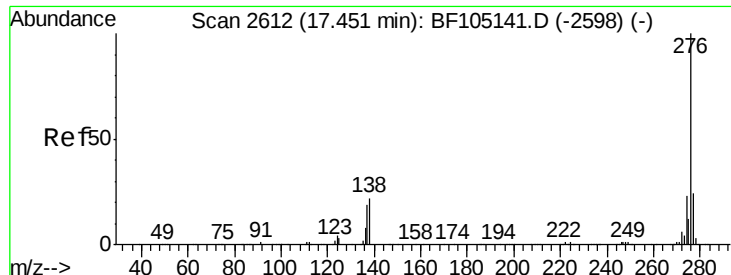
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	9.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 4.953 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.05 min
Lab File: BF105168.D
Acq: 9 May 2018 2:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.9	23.9
279	22.2	19.0	28.4

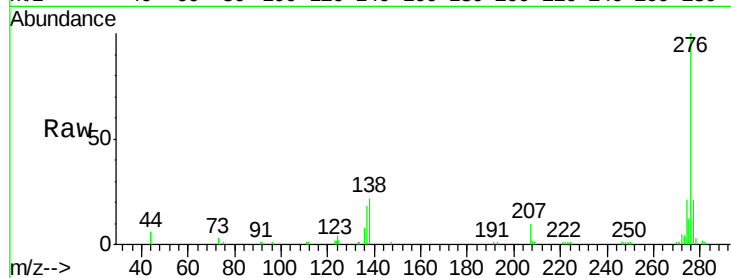




#91
 Benzo(a,h,i)perylene
 Concen: 4.922 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. -0.05 min
 Lab File: BF105168.D
 Acq: 9 May 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.5	17.9	26.9
138	22.5	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

