

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105167.D
 Acq On : 9 May 2018 1:38
 Operator : JU/SJ
 Sample : J2133-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:35:47 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	190339	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	758796	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	372793	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	747450	20.00	ng	0.00
75) Chrysene-d12	14.00	240	651553	20.00	ng	-0.01
86) Perylene-d12	15.54	264	567903	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1468343	127.09	ng	0.00
7) Phenol-d6	6.42	99	1727629	125.58	ng	0.00
23) Nitrobenzene-d5	7.36	82	1010455	90.25	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	558058	135.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1858969	77.40	ng	0.00
78) Terphenyl-d14	12.91	244	2130498	75.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	12309	2.015	ng	98
3) Pyridine	3.33	79	29984	1.830	ng	93
4) n-Nitrosodimethylamine	3.19	42	12138	1.462	ng	# 76
6) Aniline	6.46	93	38867	1.934	ng	97
8) 2-Chlorophenol	6.57	128	27198	2.219	ng	97
9) Benzaldehyde	6.35	77	11697	1.109	ng	98
10) Phenol	6.43	94	32081	2.095	ng	# 45
11) bis(2-Chloroethyl)ether	6.53	93	26954	2.136	ng	92
12) 1,3-Dichlorobenzene	6.73	146	32408	2.194	ng	97
13) 1,4-Dichlorobenzene	6.81	146	33982	2.300	ng	94
14) 1,2-Dichlorobenzene	6.96	146	31314	2.298	ng	96
15) Benzyl Alcohol	6.93	79	20387	1.936	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	48077	2.050	ng	97
17) 2-Methylphenol	7.03	107	21931	2.072	ng	96
18) Hexachloroethane	7.30	117	9834	2.069	ng	91
19) n-Nitroso-di-n-propylamine	7.20	70	19437	2.134	ng	91
20) 3+4-Methylphenols	7.19	107	28518	2.293	ng	# 84
22) Acetophenone	7.19	105	41838	2.365	ng	# 90
24) Nitrobenzene	7.37	77	32631	2.570	ng	94
25) Isophorone	7.60	82	46978	1.876	ng	99
26) 2-Nitrophenol	7.69	139	8728	11.289	ng	92
27) 2,4-Dimethylphenol	7.72	122	19145	1.721	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	30824	1.995	ng	95
29) 2,4-Dichlorophenol	7.92	162	19530	1.876	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	27374	2.280	ng	98
31) Naphthalene	8.09	128	85423	2.338	ng	98
32) Benzoic acid	7.76	122	7683	10.286	ng	96
33) 4-Chloroaniline	8.14	127	29895	1.968	ng	96
34) Hexachlorobutadiene	8.21	225	16236	2.334	ng	99
35) Caprolactam	8.46	113	4956	1.568	ng	# 69
36) 4-Chloro-3-methylphenol	8.60	107	19152	1.767	ng	100
37) 2-Methylnaphthalene	8.78	142	57240	2.248	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	27890	2.351	ng	98
40) Hexachlorocyclopentadiene	8.93	237	11102	1.731	ng	96

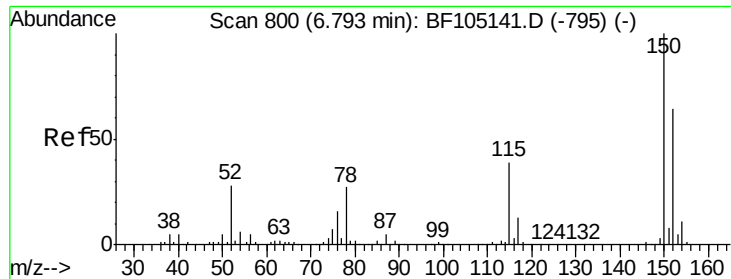
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105167.D
 Acq On : 9 May 2018 1:38
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	15975	2.207	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	15975	2.112	ng	97
45) 1,1'-Biphenyl	9.25	154	80455	2.649	ng	99
46) 2-Chloronaphthalene	9.27	162	55800	2.458	ng	94
47) 2-Nitroaniline	9.36	65	10445	7.203	ng	93
48) Acenaphthylene	9.69	152	80026	2.282	ng	99
49) Dimethylphthalate	9.54	163	58949	2.336	ng	98
50) 2,6-Dinitrotoluene	9.60	165	10618	1.939	ng	97
51) Acenaphthene	9.86	154	54467	2.410	ng	97
52) 3-Nitroaniline	9.77	138	11466	1.988	ng	99
53) 2,4-Dinitrophenol	9.87	184	1337	10.251	ng	# 24
54) Dibenzofuran	10.03	168	75894	2.296	ng	98
55) 4-Nitrophenol	9.92	139	6588	5.501	ng	94
56) 2,4-Dinitrotoluene	10.00	165	11507	5.070	ng	# 99
57) Fluorene	10.37	166	62197	2.566	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	12138	1.798	ng	# 90
59) Diethylphthalate	10.25	149	58227	2.348	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	28885	2.560	ng	# 85
61) 4-Nitroaniline	10.37	138	10093	1.758	ng	98
62) Azobenzene	10.53	77	54670	2.113	ng	96
64) 4,6-Dinitro-2-methylphenol	10.40	198	3427	10.043	ng	92
65) n-Nitrosodiphenylamine	10.49	169	51015	2.190	ng	98
66) 4-Bromophenyl-phenylether	10.86	248	16813	2.109	ng	# 87
67) Hexachlorobenzene	10.92	284	20999	2.286	ng	# 86
68) Atrazine	11.00	200	9538	1.306	ng	96
69) Pentachlorophenol	11.10	266	8182	4.674	ng	97
70) Phenanthrene	11.33	178	92718	2.353	ng	98
71) Anthracene	11.39	178	87464	2.184	ng	98
72) Carbazole	11.54	167	80353	2.227	ng	98
73) Di-n-butylphthalate	11.87	149	73259	1.898	ng	98
74) Fluoranthene	12.52	202	90479	2.204	ng	95
76) Benzidine	12.91	184	26852	1.104	ng	96
77) Pyrene	12.75	202	98781	2.084	ng	98
79) Butylbenzylphthalate	13.39	149	21082	7.954	ng	99
80) Benzo(a)anthracene	13.99	228	82454	2.087	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	17440	1.174	ng	# 91
82) Chrysene	14.03	228	87736	2.156	ng	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	33068	1.688	ng	100
84) Di-n-octyl phthalate	14.68	149	35881	7.743	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.98	276	51528	1.598	ng	95
87) Benzo(b)fluoranthene	15.12	252	70866	2.040	ng	98
88) Benzo(k)fluoranthene	15.14	252	68637	2.037	ng	# 96
89) Benzo(a)pyrene	15.48	252	56955	1.802	ng	98
90) Dibenzo(a,h)anthracene	17.00	278	44225	1.802	ng	96
91) Benzo(g,h,i)perylene	17.41	276	43706	1.820	ng	# 93

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

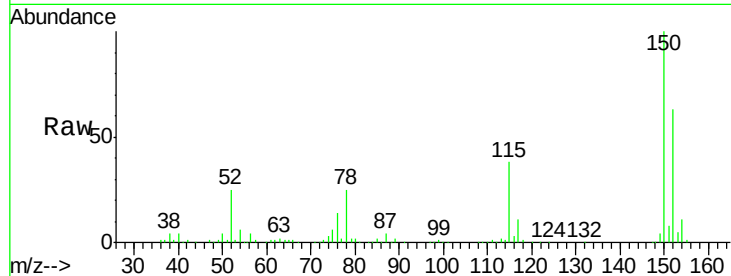


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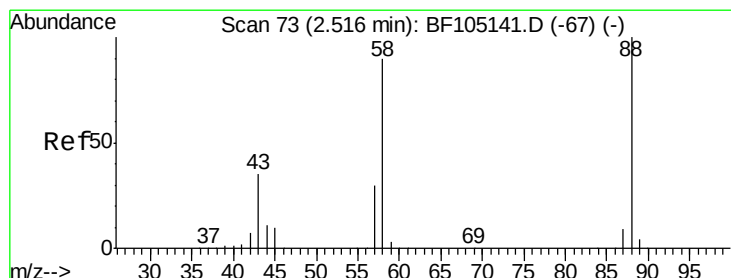
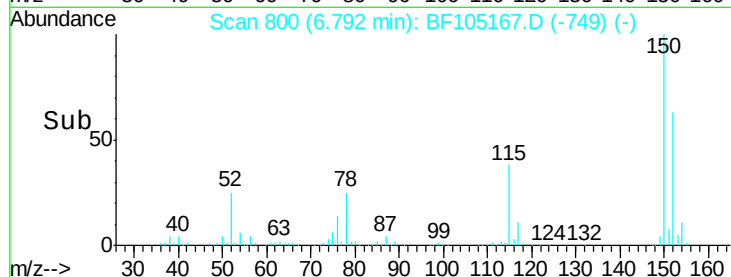
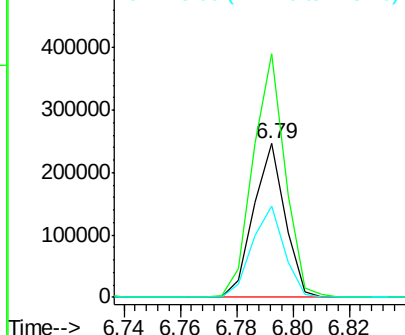
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 190339
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 59.7 50.1 75.1



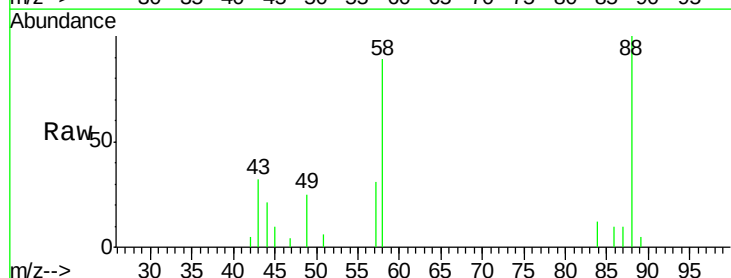
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



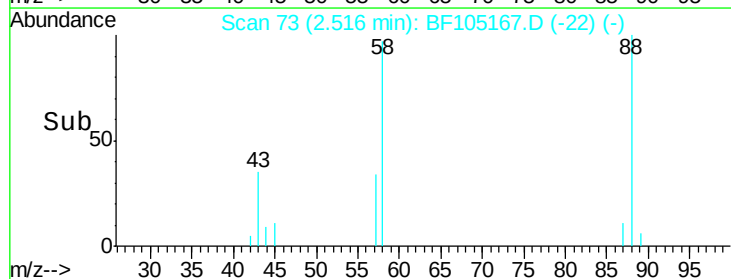
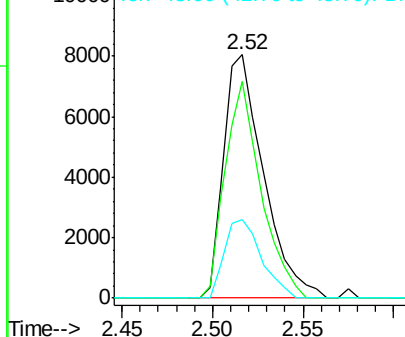
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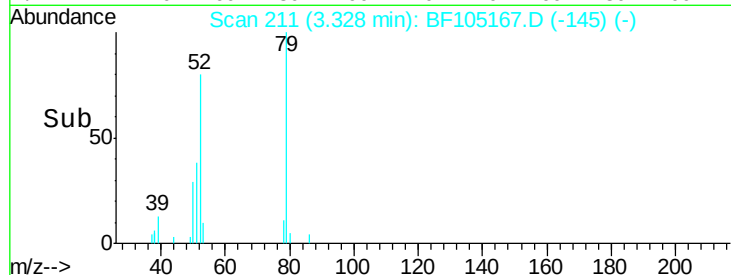
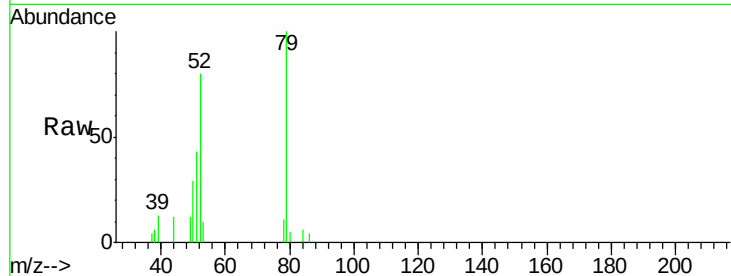
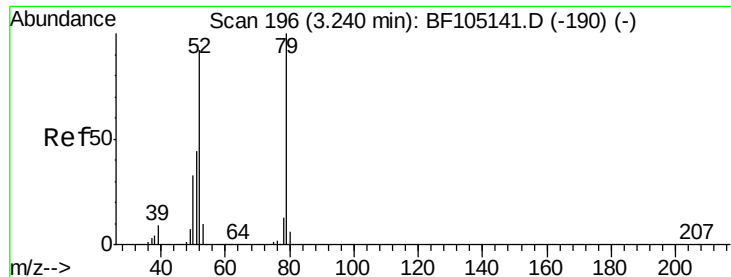
1,4-Dioxane
Concen: 2.015 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion: 88 Resp: 12309
Ion Ratio Lower Upper
88 100
58 80.2 62.6 93.8
43 29.9 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: 1.830 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.09 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampled :

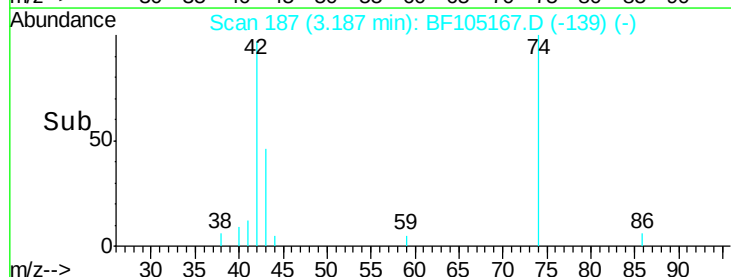
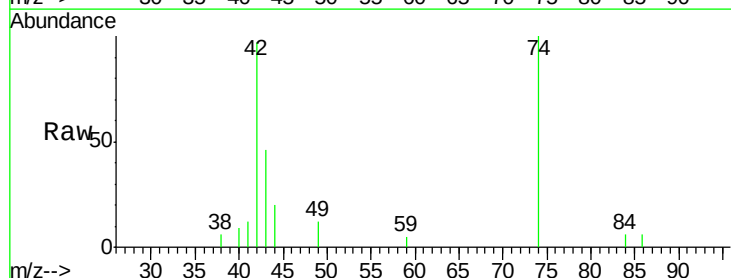
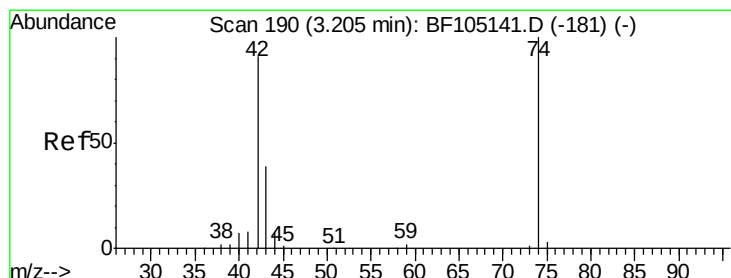
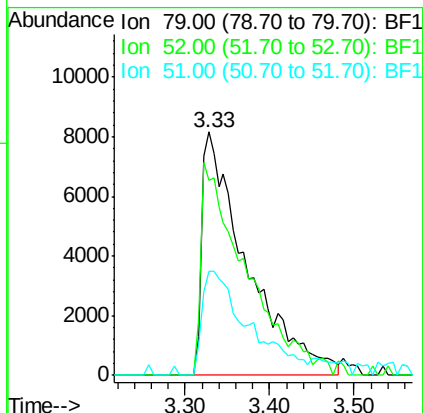
Tot Ion: 79 Resp: 29984

Ion Ratio Lower Upper

79 100

52 80.2 59.8 89.6

51 42.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 1.462 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.02 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

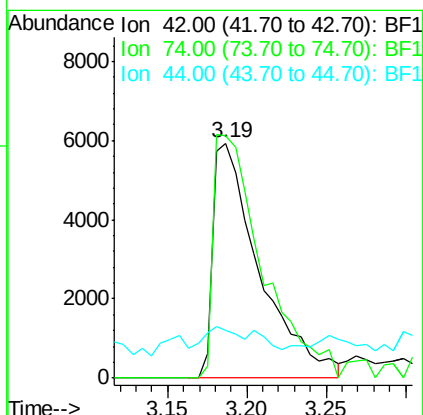
Tgt Ion: 42 Resp: 12138

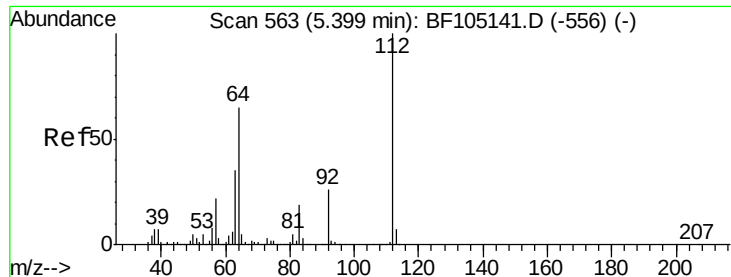
Ion Ratio Lower Upper

42 100

74 103.2 104.9 157.3#

44 20.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 127.089 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

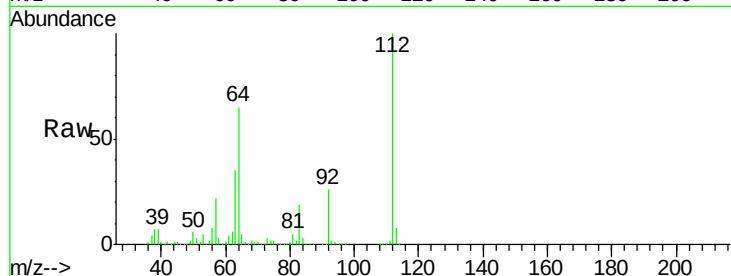
Tot Ion:112 Resp: 1468343

Ion Ratio Lower Upper

112 100

64 65.4 47.9 71.9

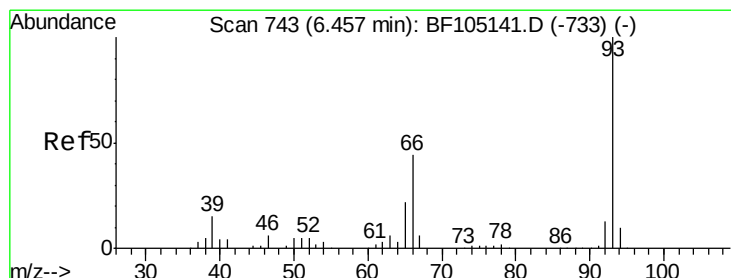
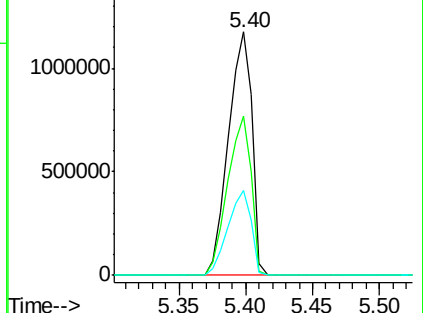
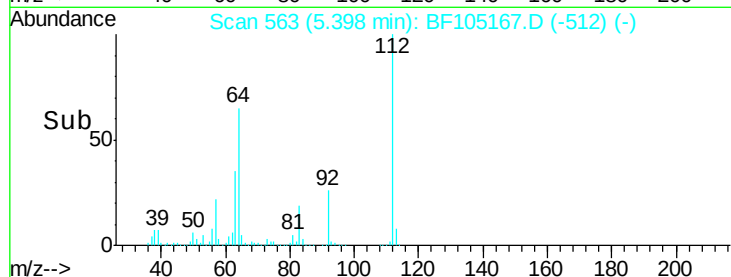
63 34.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 1.934 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

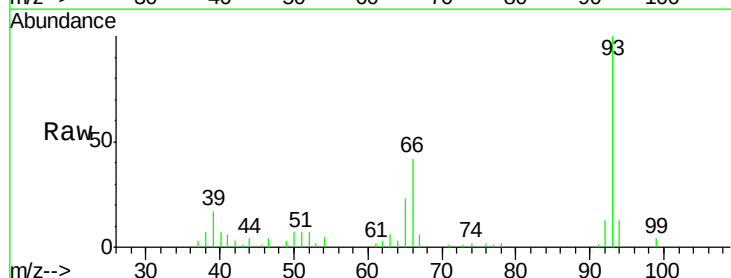
Tgt Ion: 93 Resp: 38867

Ion Ratio Lower Upper

93 100

66 41.9 32.2 48.2

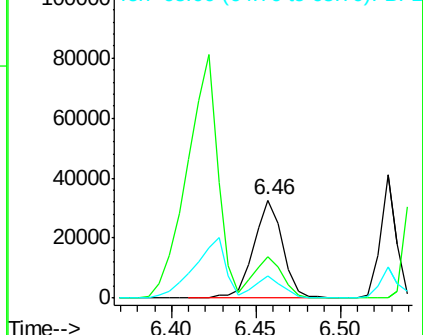
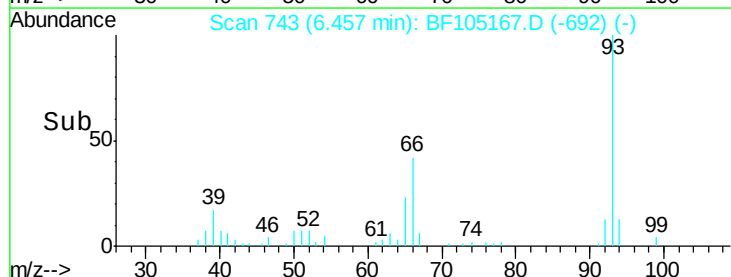
65 22.5 16.4 24.6

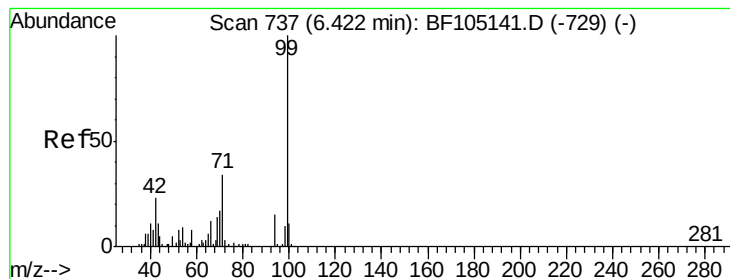


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.582 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

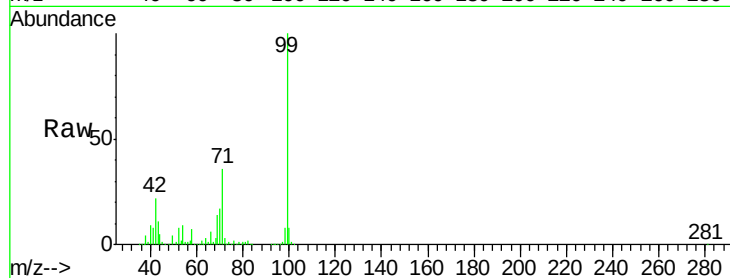
Instrument :

BNA_F

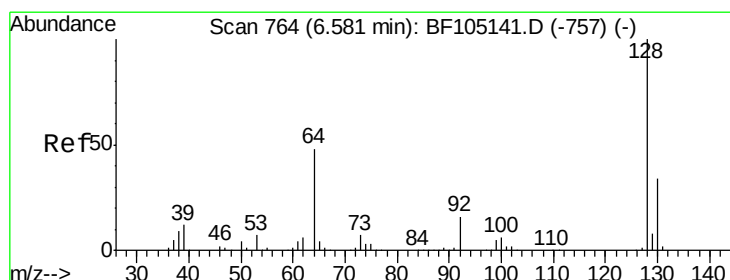
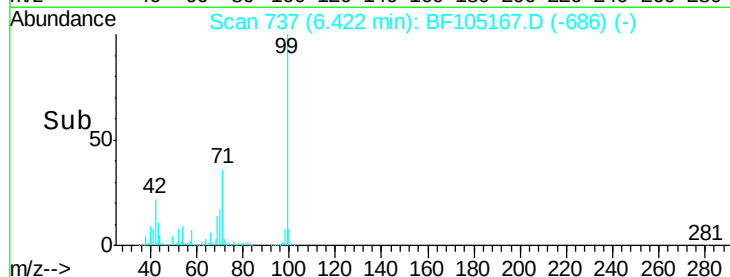
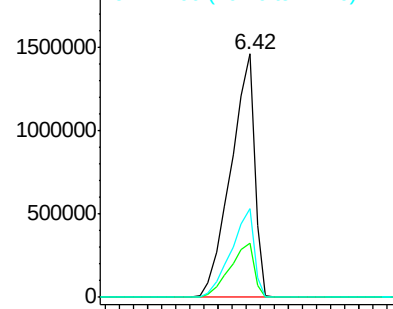
ClientSampleId :

Tot Ion: 99 Resp: 1727629

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	36.2	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 2.219 ng

RT: 6.57 min Scan# 763

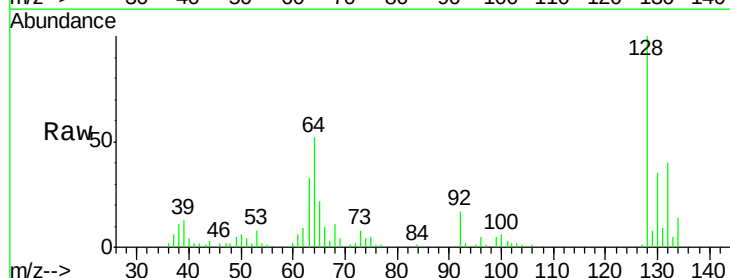
Delta R.T. -0.01 min

Lab File: BF105167.D

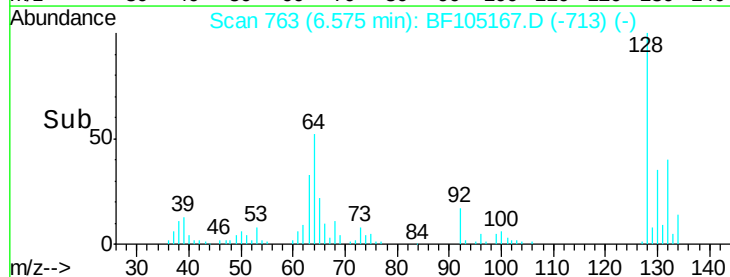
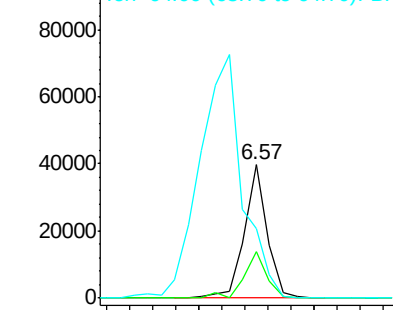
Acq: 9 May 2018 1:38

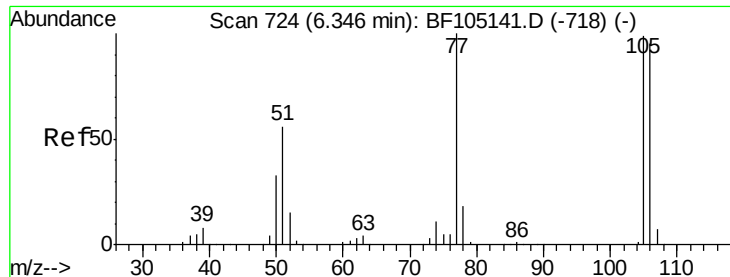
Tgt Ion: 128 Resp: 27198

Ion	Ratio	Lower	Upper
128	100		
130	34.5	13.0	53.0
64	52.1	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: 1.109 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

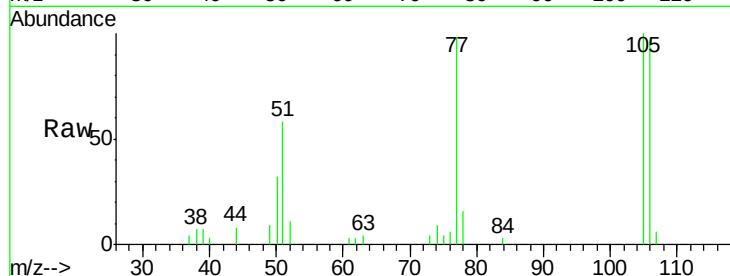
Tot Ion: 77 Resp: 11697

Ion Ratio Lower Upper

77 100

105 101.6 81.1 121.1

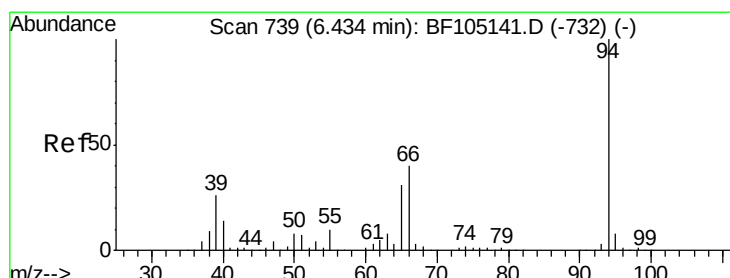
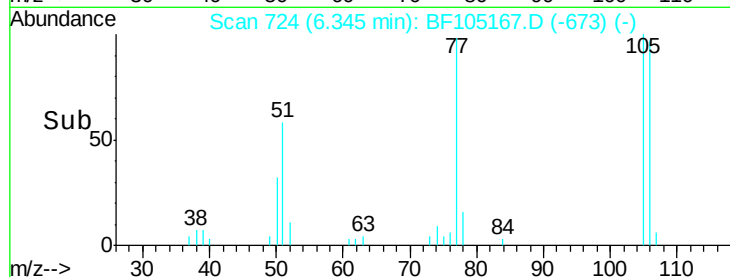
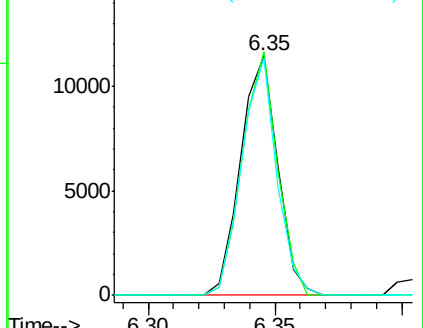
106 98.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.095 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

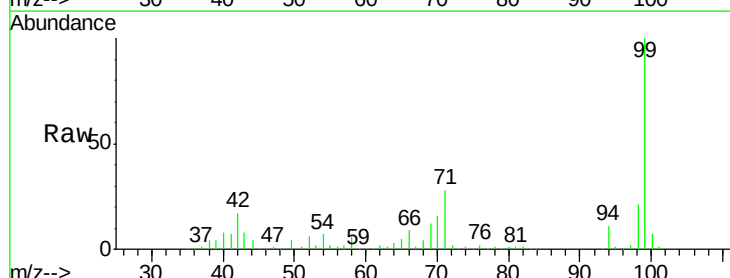
Tgt Ion: 94 Resp: 32081

Ion Ratio Lower Upper

94 100

65 42.2 7.9 47.9

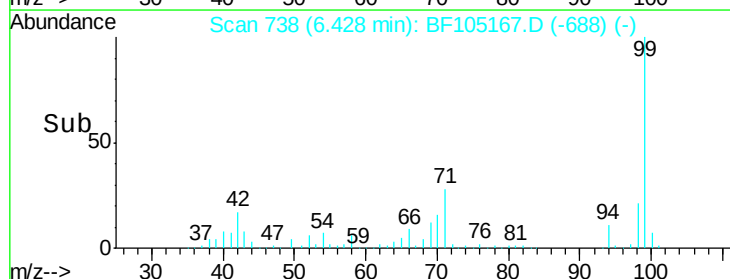
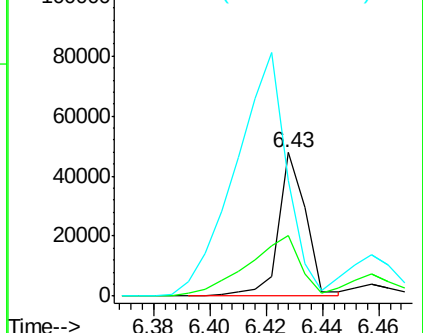
66 80.8 16.2 56.2#

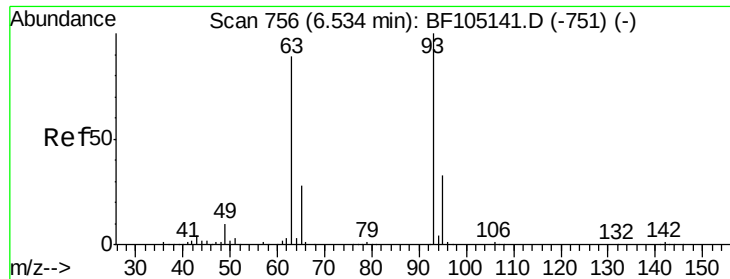


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

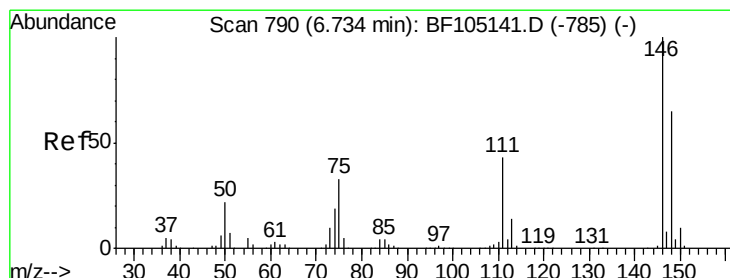
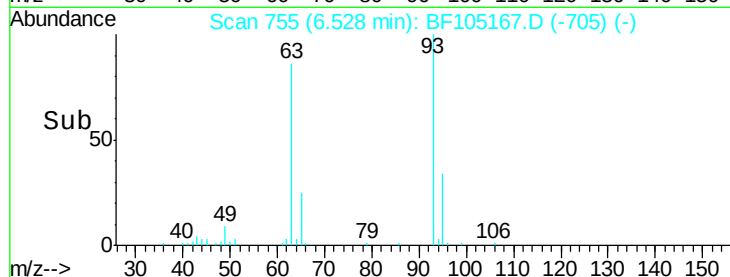
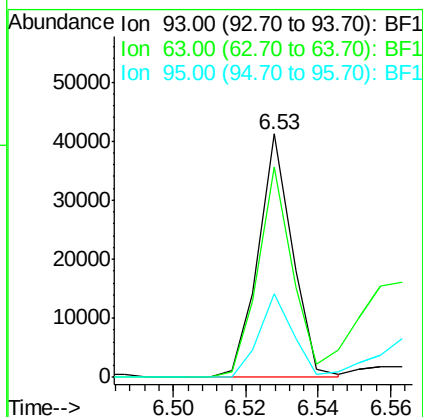
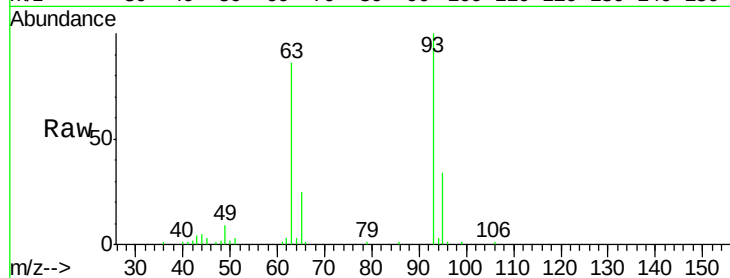




#11
bis(2-Chloroethyl)ether
Concen: 2.136 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

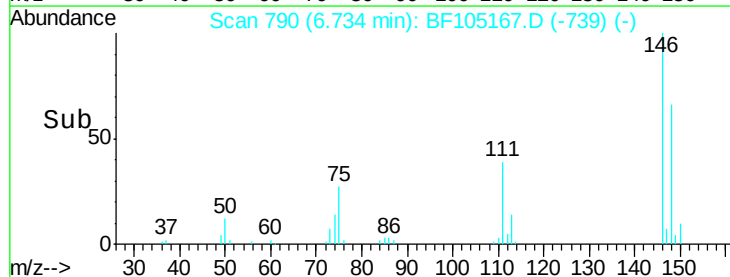
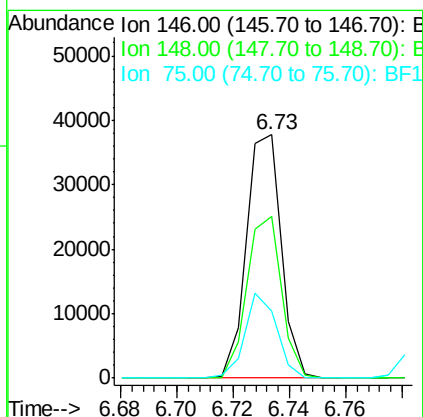
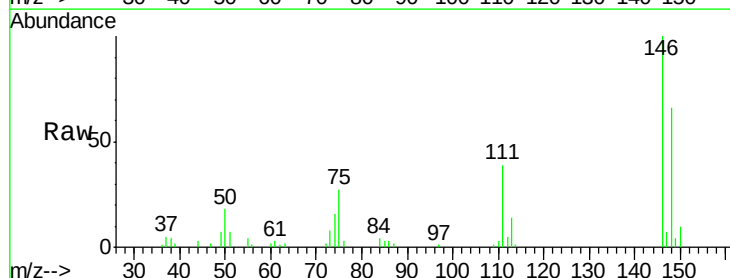
Instrument :
BNA_F
ClientSampleId :

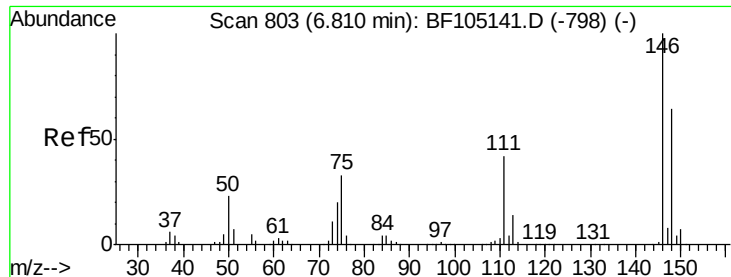
Tot Ion: 93 Resp: 26954
Ion Ratio Lower Upper
93 100
63 86.4 58.6 98.6
95 34.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 2.194 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion: 146 Resp: 32408
Ion Ratio Lower Upper
146 100
148 66.3 51.8 77.8
75 27.4 24.2 36.4

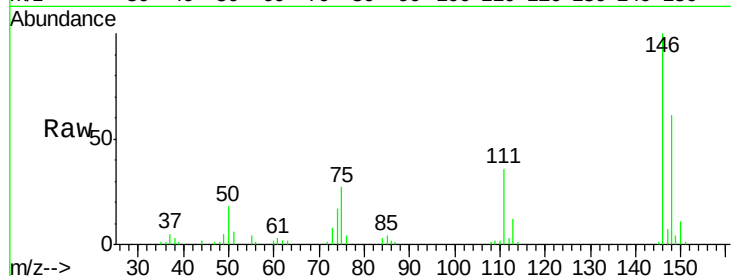




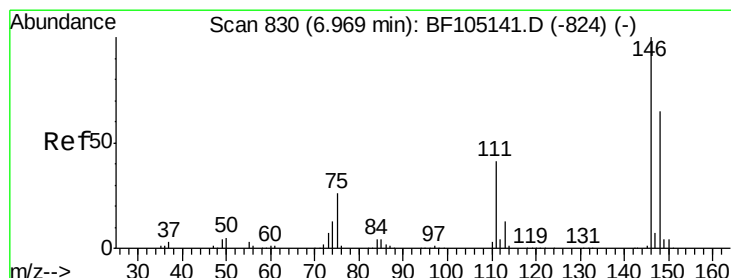
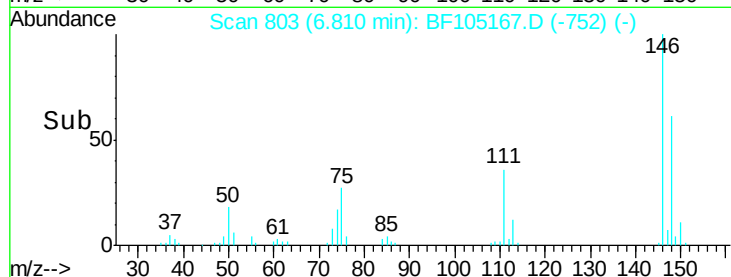
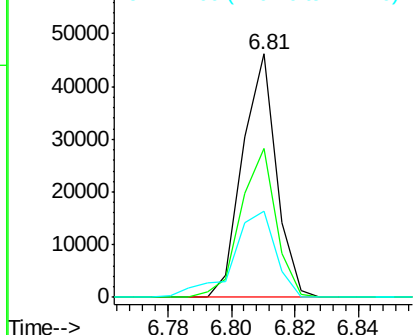
#13
 1,4-Dichlorobenzene
 Concen: 2.300 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 33982
 Ion Ratio Lower Upper
 146 100
 148 61.1 50.8 76.2
 111 35.7 34.2 51.2

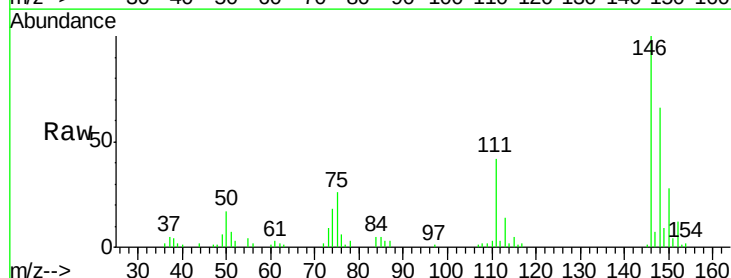


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

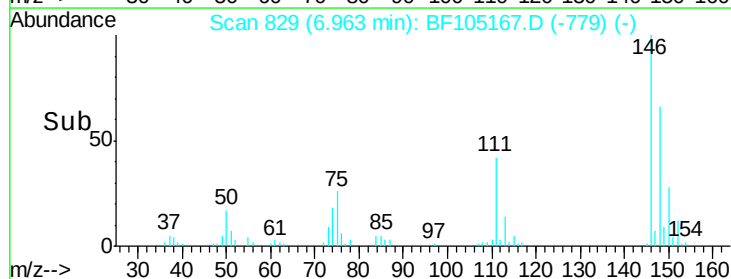
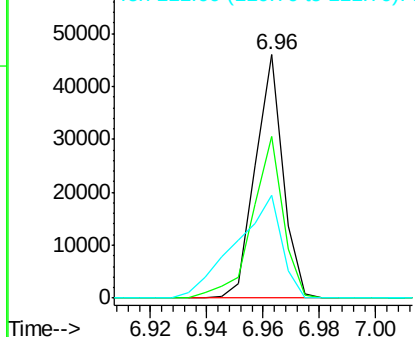


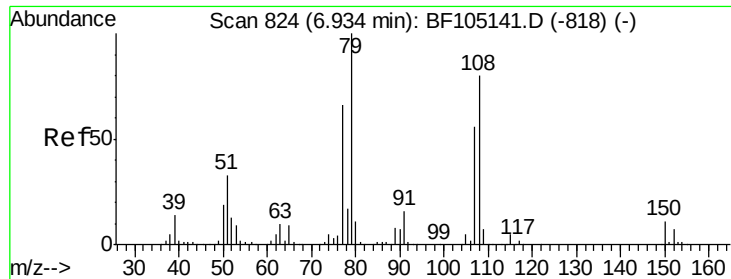
#14
 1,2-Dichlorobenzene
 Concen: 2.298 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion:146 Resp: 31314
 Ion Ratio Lower Upper
 146 100
 148 66.3 50.6 75.8
 111 42.3 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

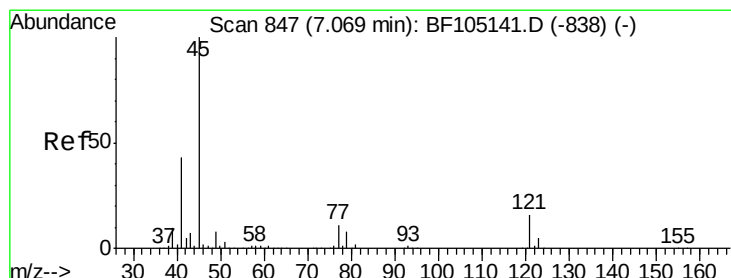
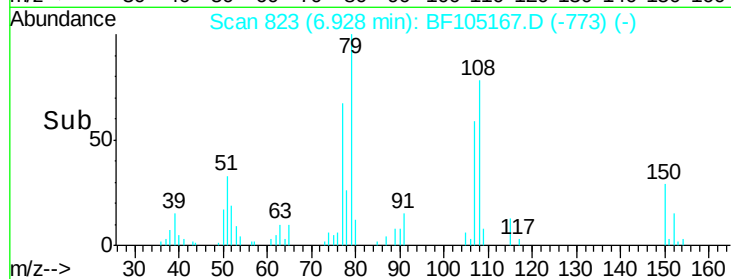
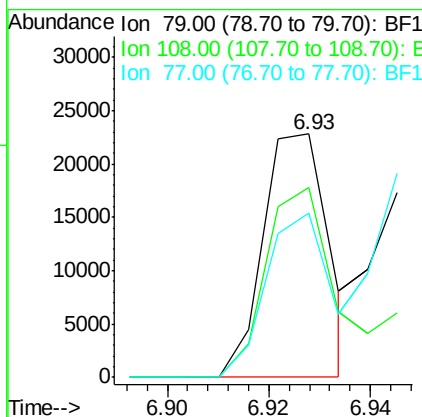
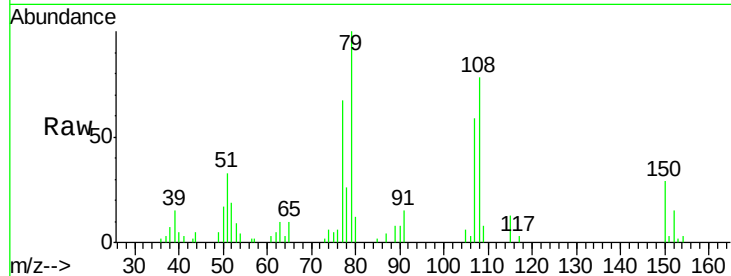




#15
Benzyl Alcohol
Concen: 1.936 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

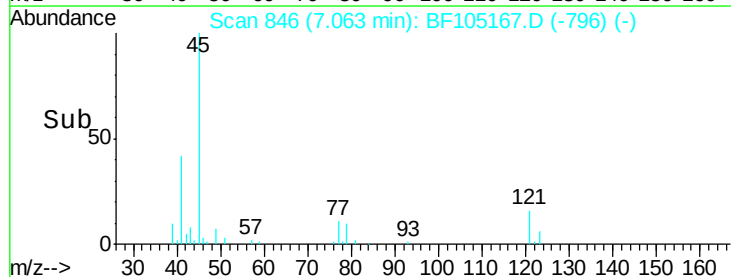
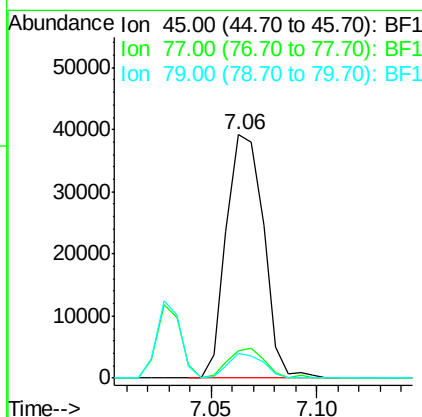
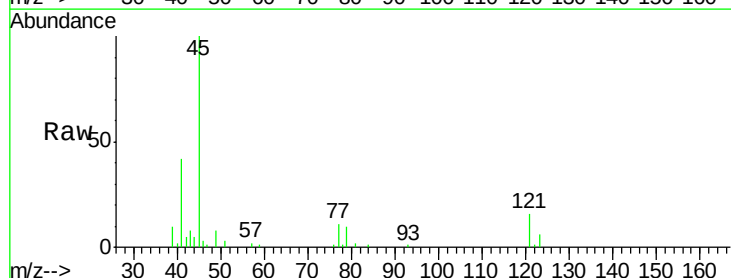
Instrument :
BNA_F
ClientSampled :

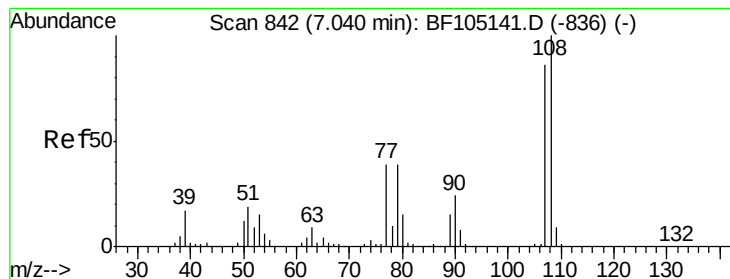
Tot Ion: 79 Resp: 20387
Ion Ratio Lower Upper
79 100
108 78.1 65.1 97.7
77 67.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 2.050 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion: 45 Resp: 48077
Ion Ratio Lower Upper
45 100
77 11.0 0.0 32.9
79 10.0 0.0 29.6

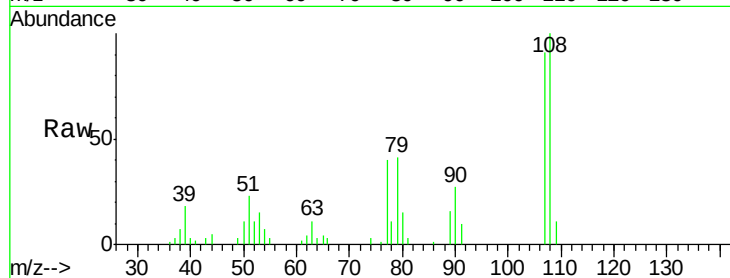




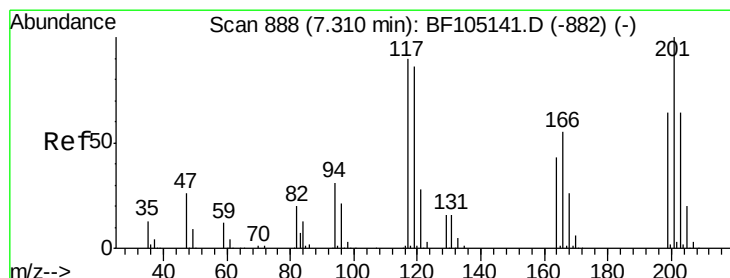
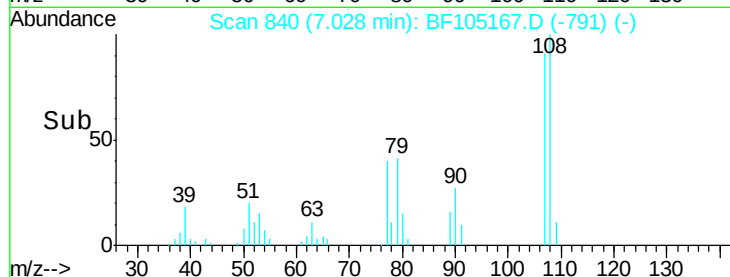
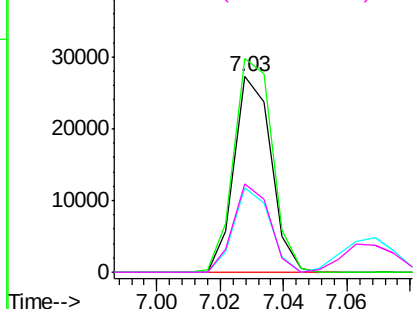
#17
2-Methylphenol
Concen: 2.072 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 21931
Ion Ratio Lower Upper
107 100
108 109.4 91.7 137.5
77 43.5 33.8 50.8
79 45.3 33.8 50.8

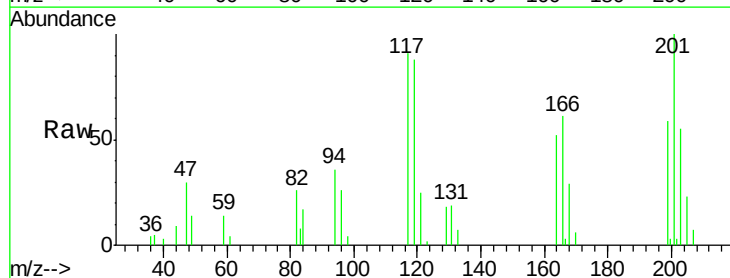


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

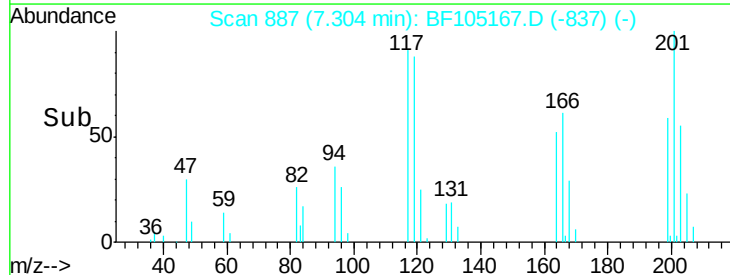
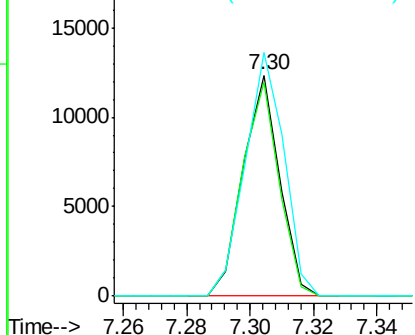


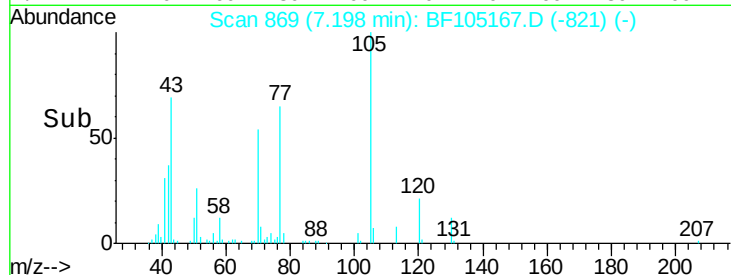
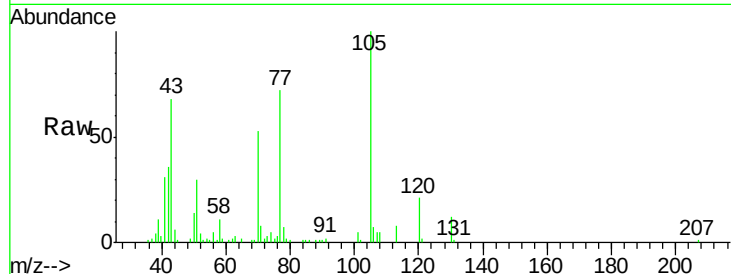
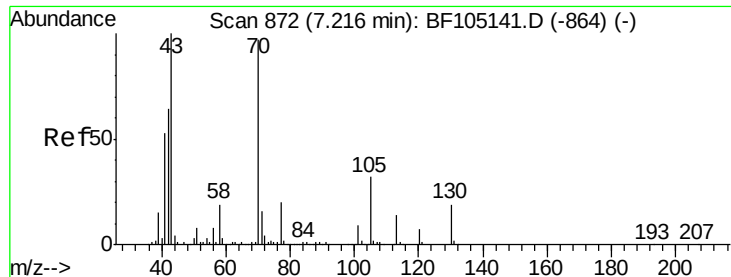
#18
Hexachloroethane
Concen: 2.069 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:117 Resp: 9834
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 110.3 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

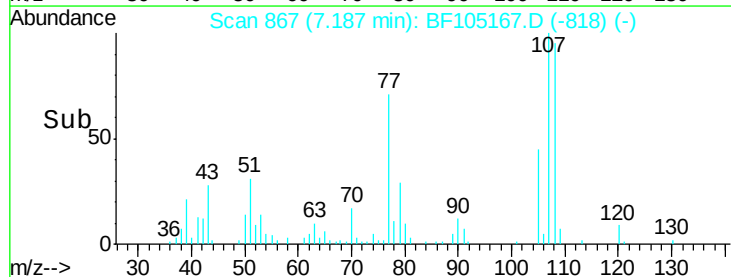
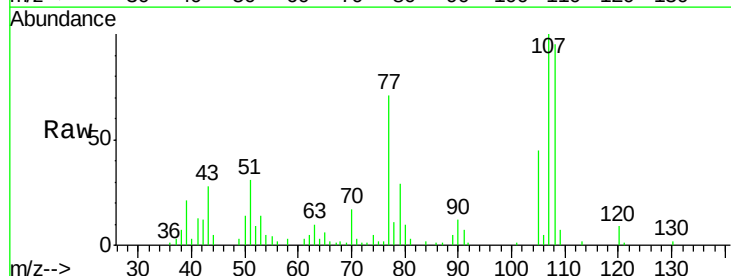
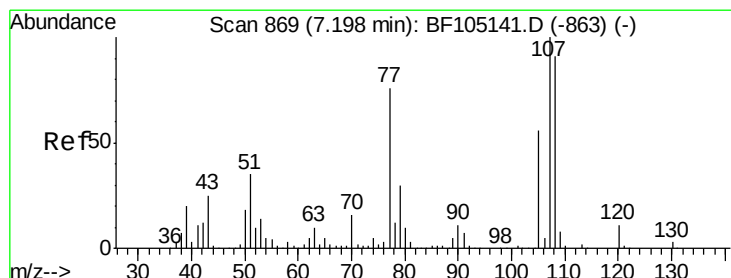
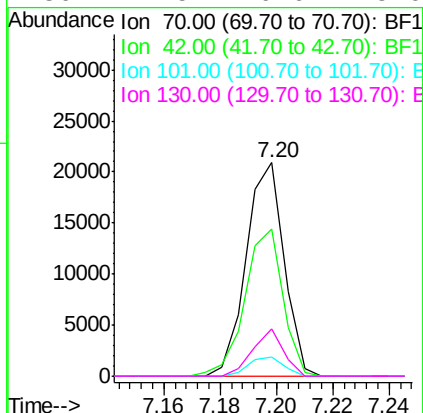




#19
n-Nitroso-di-n-propylamine
Concen: 2.134 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

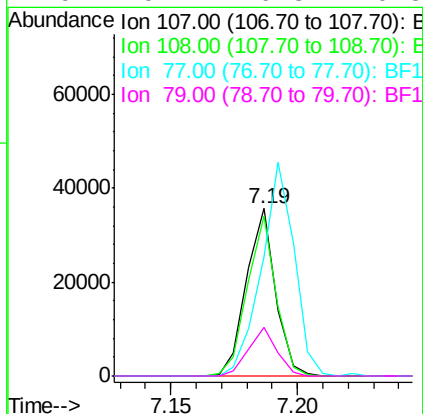
Instrument :
BNA_F
ClientSampleId :

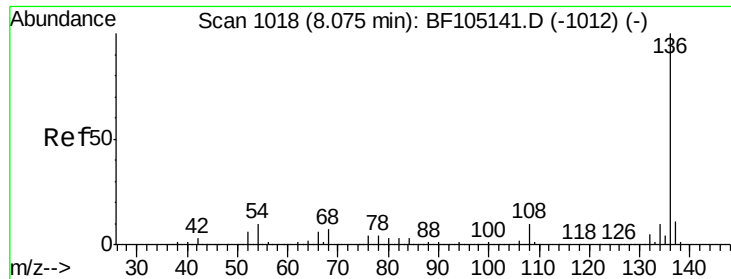
Tot Ion:	70	Resp:	19437
Ion	Ratio	Lower	Upper
70	100		
42	68.8	47.5	71.3
101	8.7	7.4	11.2
130	22.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 2.293 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:	107	Resp:	28518
Ion	Ratio	Lower	Upper
107	100		
108	95.3	68.2	108.2
77	71.0	26.7	66.7#
79	29.1	6.3	46.3

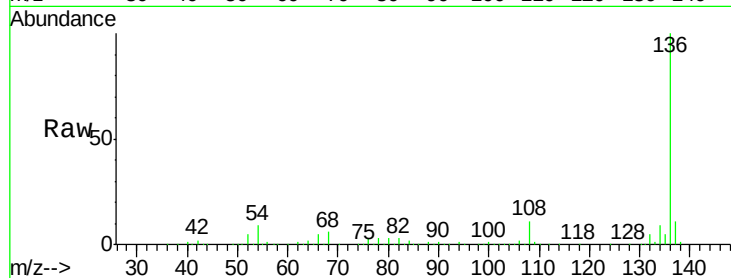




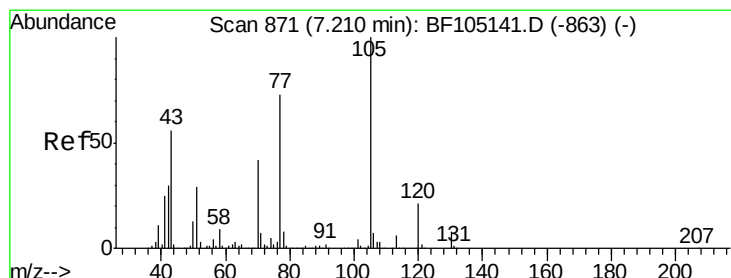
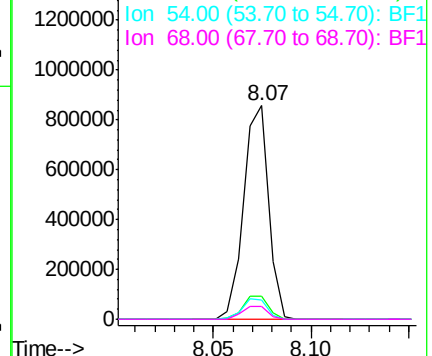
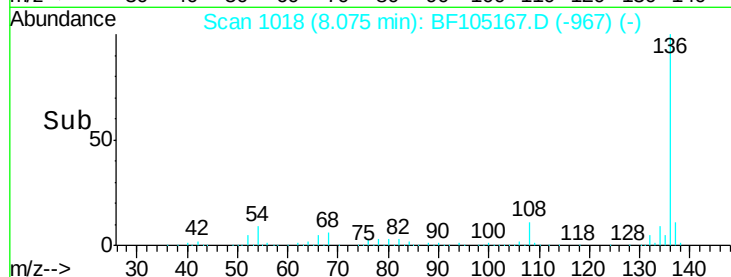
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	758796
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 9.0	6.6	9.8
68 6.0	5.0	7.4

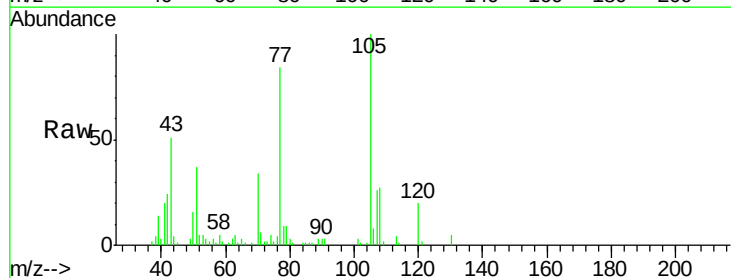


Abundance Ion 136.00 (135.70 to 136.70): E

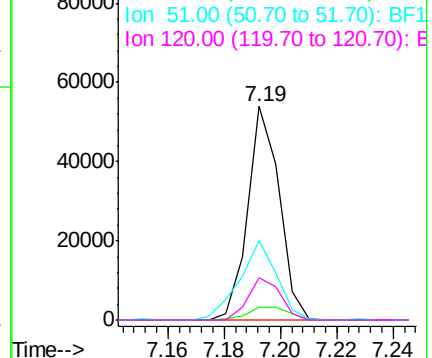
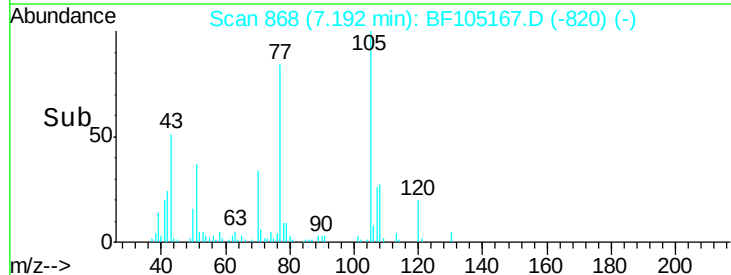


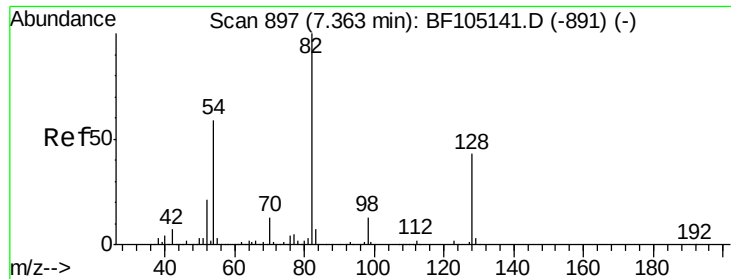
#22
Acetophenone
Concen: 2.365 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:105	Resp:	41838
Ion Ratio	Lower	Upper
105 100		
71 5.8	4.4	6.6
51 37.0	22.3	33.5
120 19.8	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E

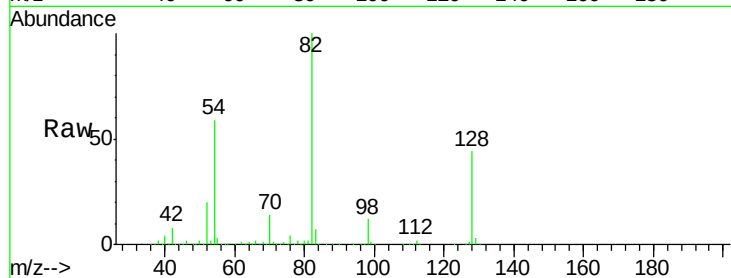




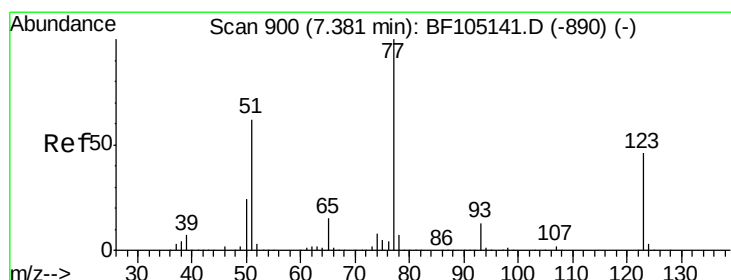
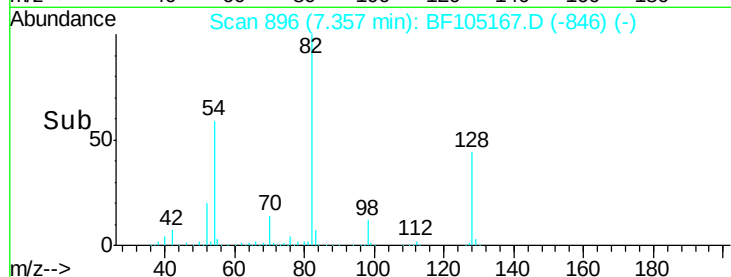
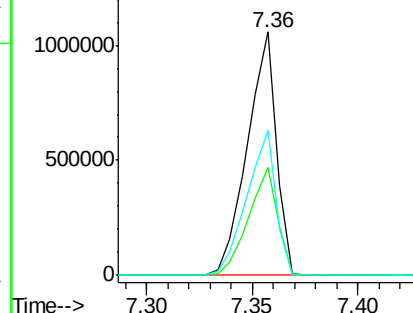
#23
Nitrobenzene-d5
Concen: 90.251 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1010455
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 59.3 41.4 62.2

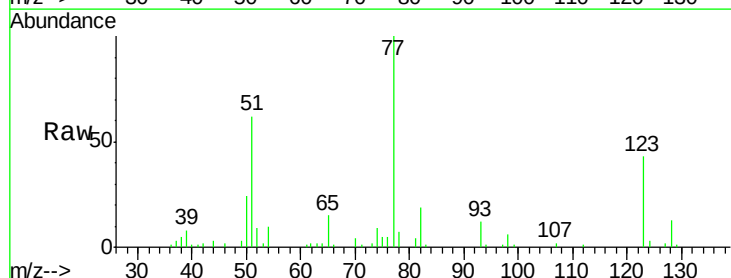


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

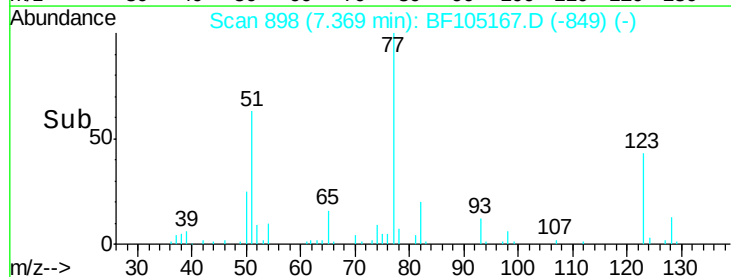
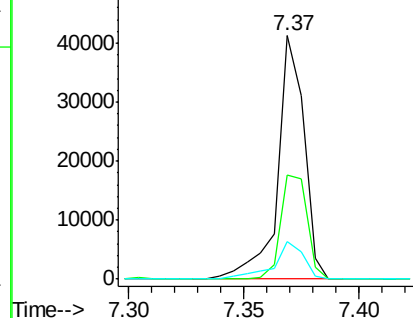


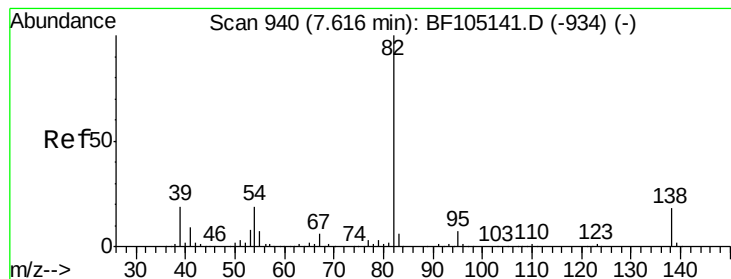
#24
Nitrobenzene
Concen: 2.570 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion: 77 Resp: 32631
Ion Ratio Lower Upper
77 100
123 42.6 37.9 56.9
65 15.2 11.0 16.4



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





#25

Isophorone

Concen: 1.876 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

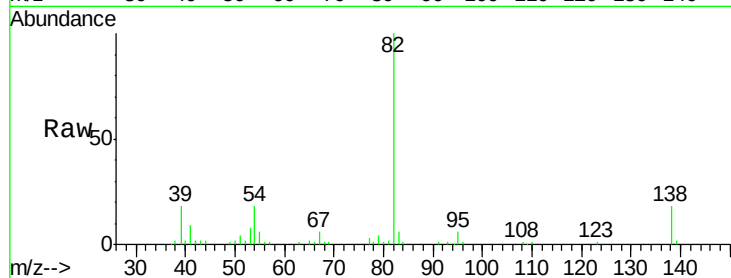
Tot Ion: 82 Resp: 46978

Ion Ratio Lower Upper

82 100

95 5.9 5.2 7.8

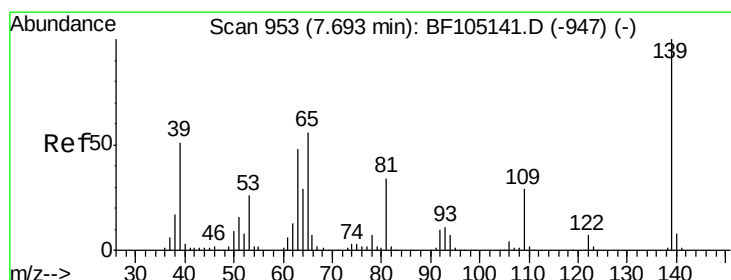
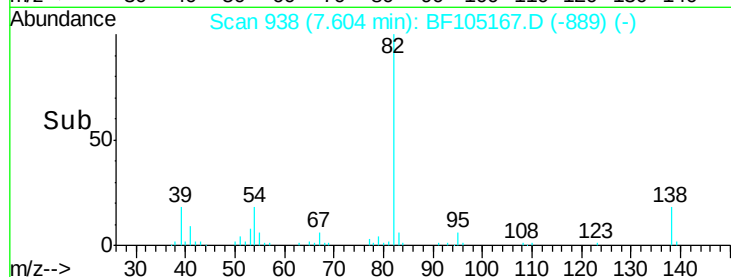
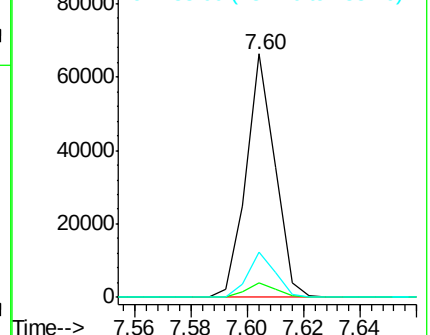
138 18.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 11.289 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

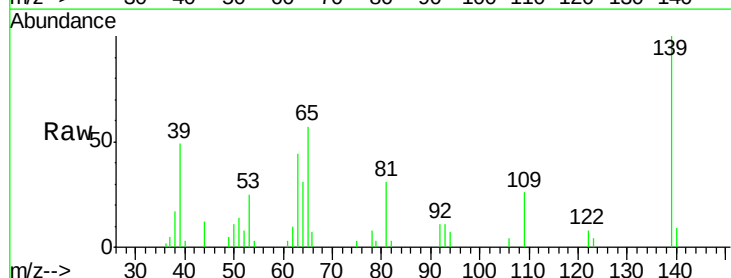
Tgt Ion: 139 Resp: 8728

Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

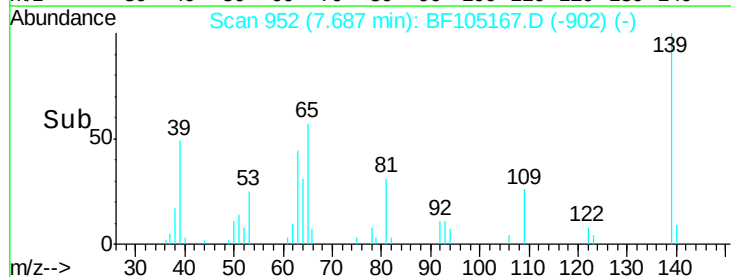
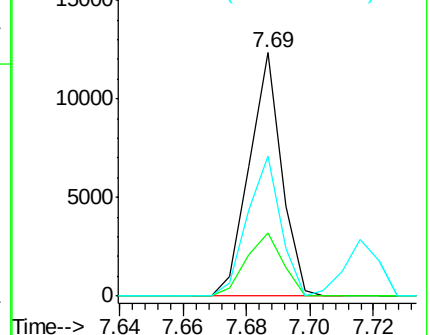
65 57.4 40.5 60.7

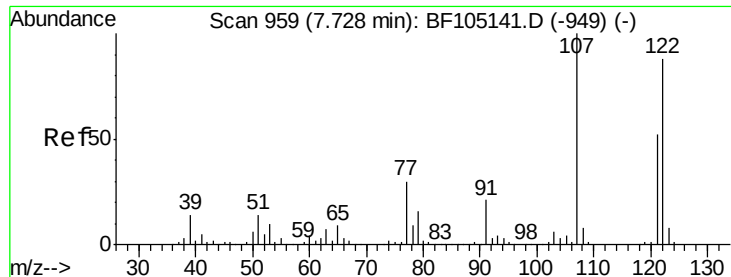


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

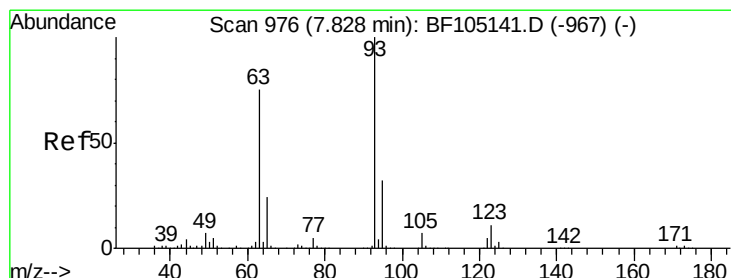
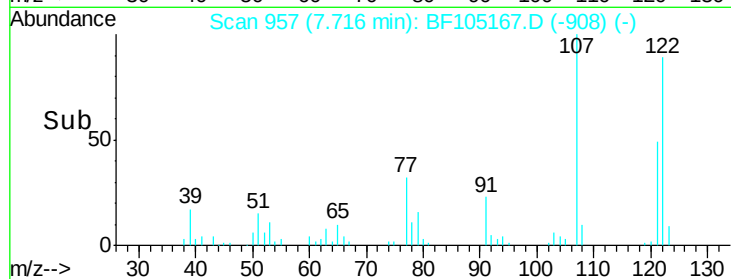
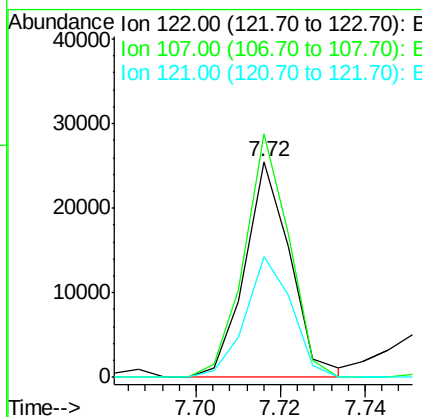
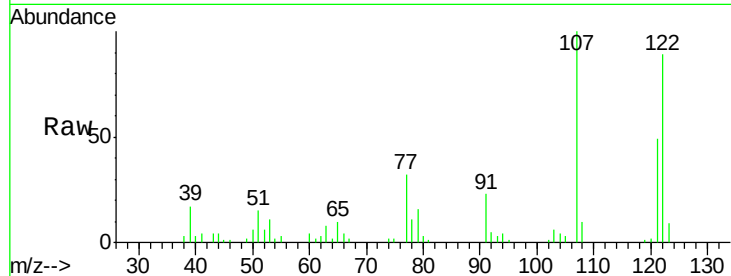




#27
 2,4-Dimethylphenol
 Concen: 1.721 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

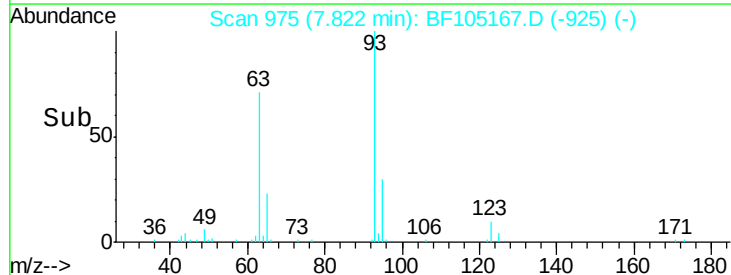
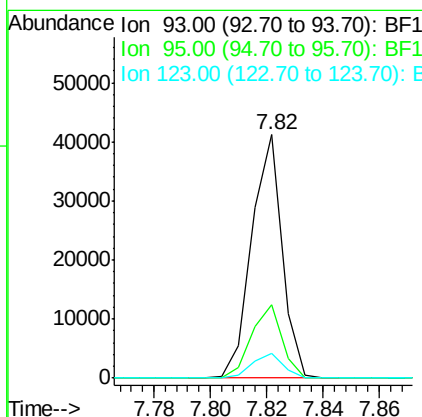
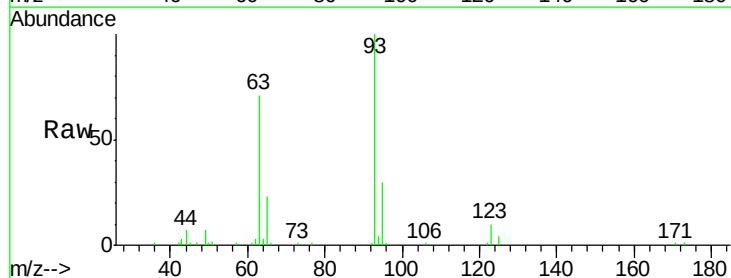
Instrument :
 BNA_F
 ClientSampleId :

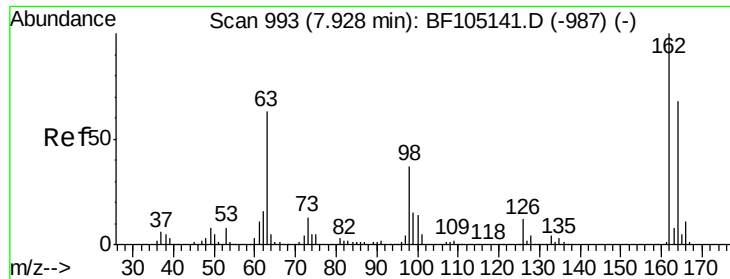
Tot Ion:122 Resp: 19145
 Ion Ratio Lower Upper
 122 100
 107 112.9 91.2 136.8
 121 55.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.995 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion: 93 Resp: 30824
 Ion Ratio Lower Upper
 93 100
 95 30.3 26.3 39.5
 123 10.2 9.8 14.6

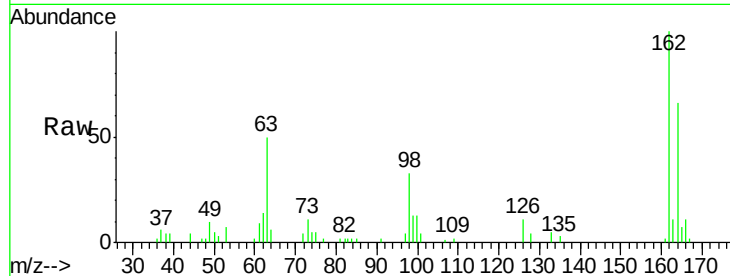




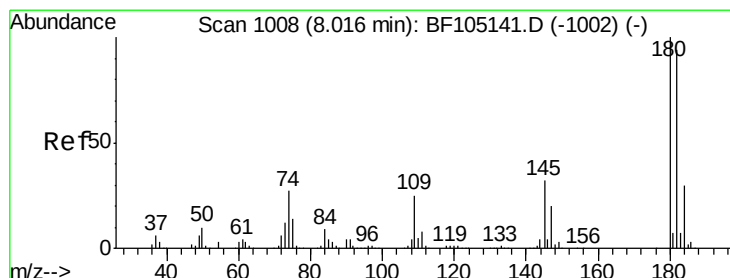
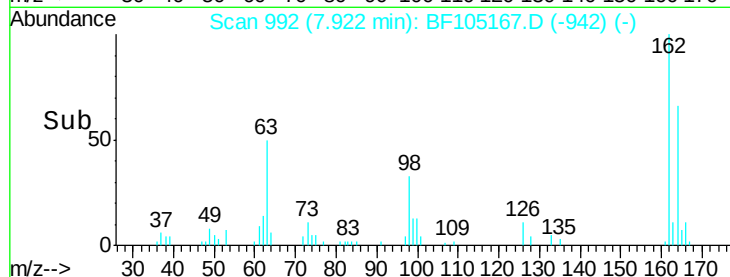
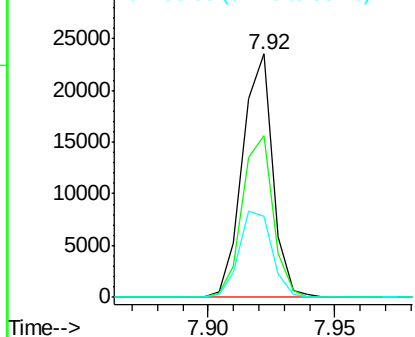
#29
 2,4-Dichlorophenol
 Concen: 1.876 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	42.7	82.7
98	33.2	18.1	58.1

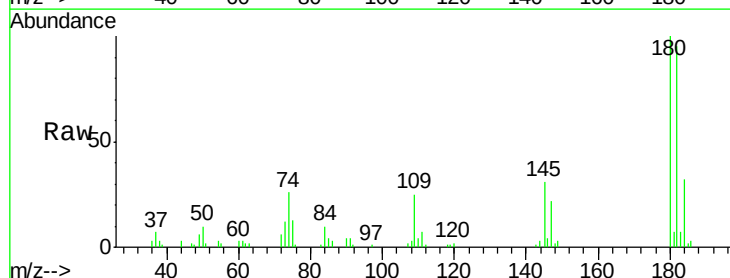


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

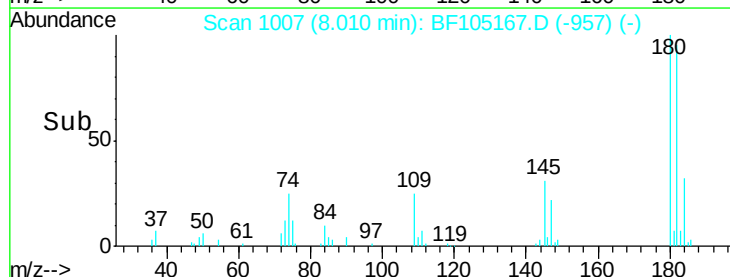
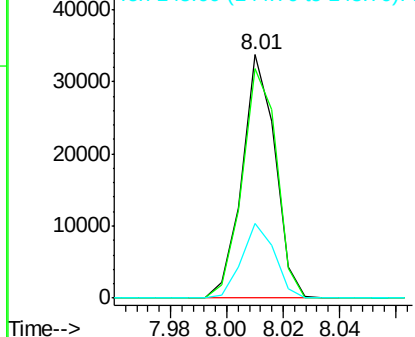


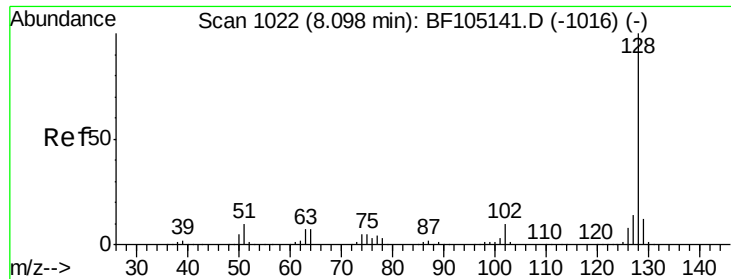
#30
 1,2,4-Trichlorobenzene
 Concen: 2.280 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	30.7	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

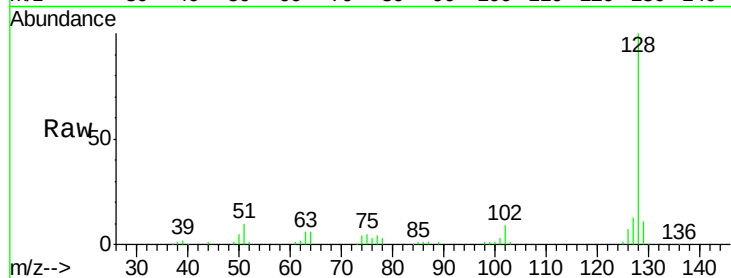




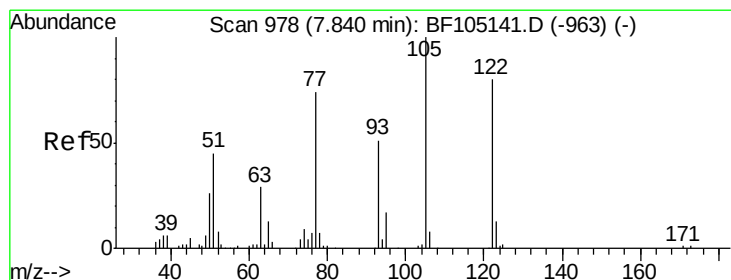
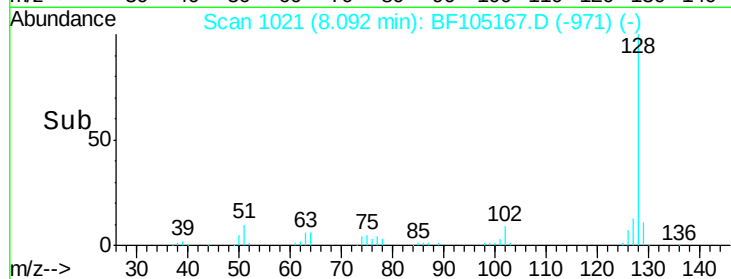
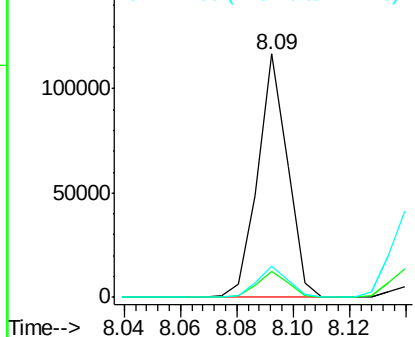
#31
Naphthalene
Concen: 2.338 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 85423
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.6 10.9 16.3

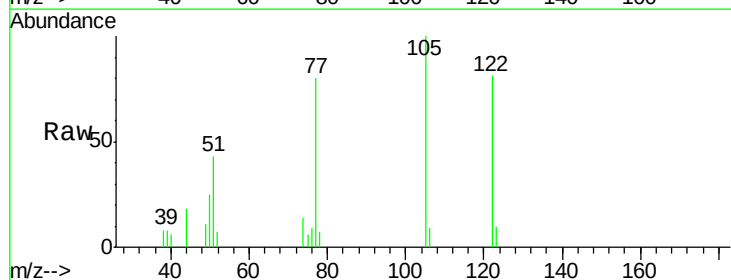


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

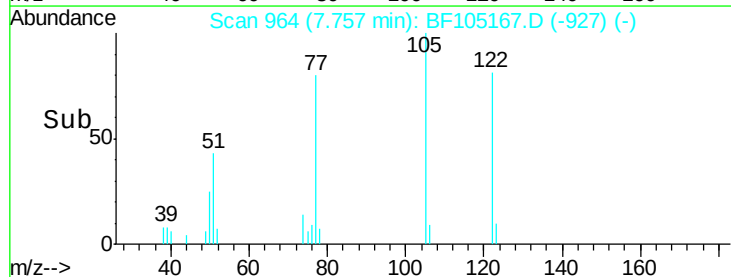
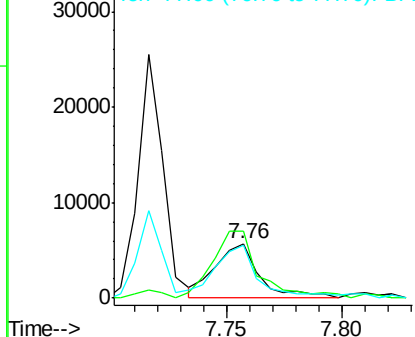


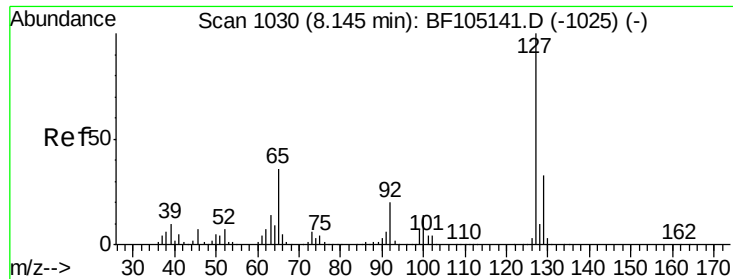
#32
Benzoic acid
Concen: 10.286 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.08 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:122 Resp: 7683
Ion Ratio Lower Upper
122 100
105 122.7 101.1 141.1
77 97.6 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

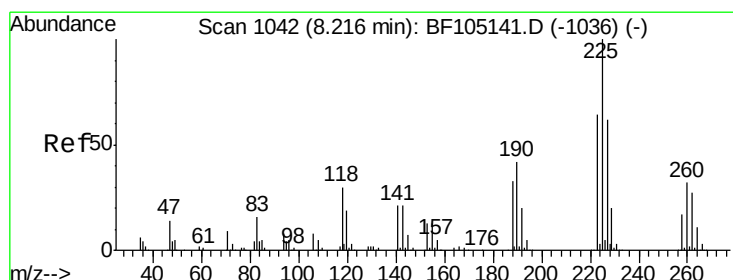
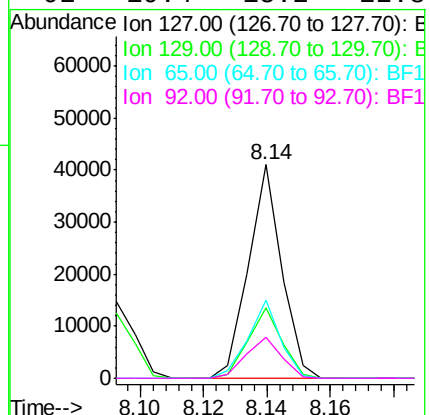
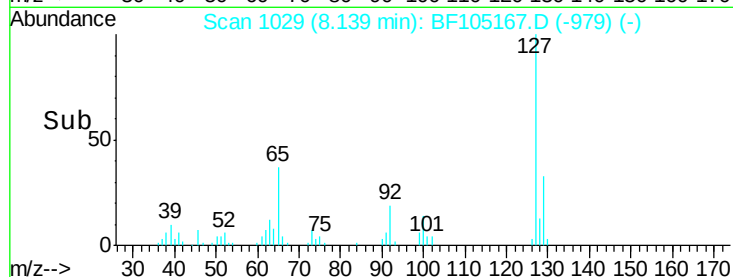
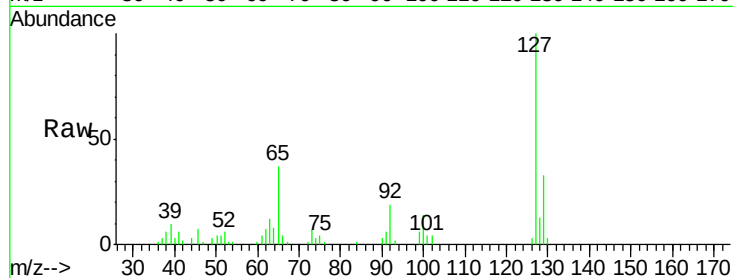




#33
4-Chloroaniline
Concen: 1.968 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

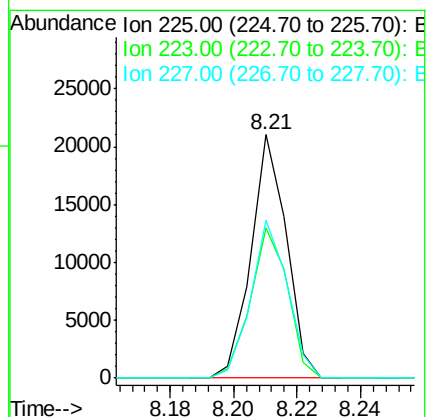
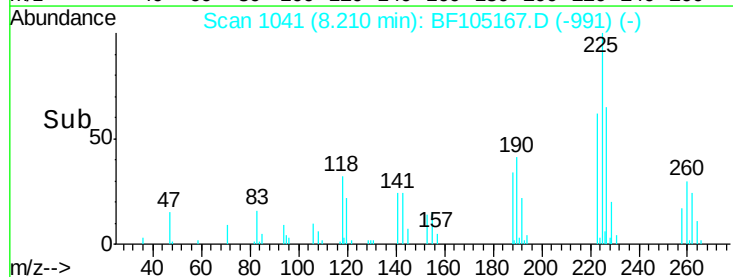
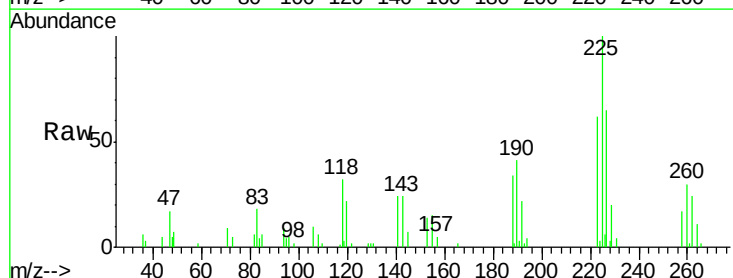
Instrument :
BNA_F
ClientSampleId :

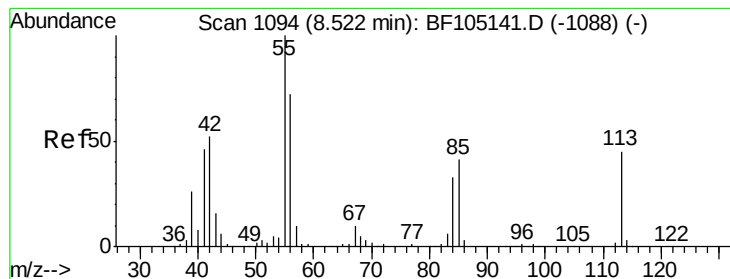
Tot Ion:	127	Resp:	29895
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	36.7	25.0	37.4
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 2.334 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:	225	Resp:	16236
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 1.568 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.06 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

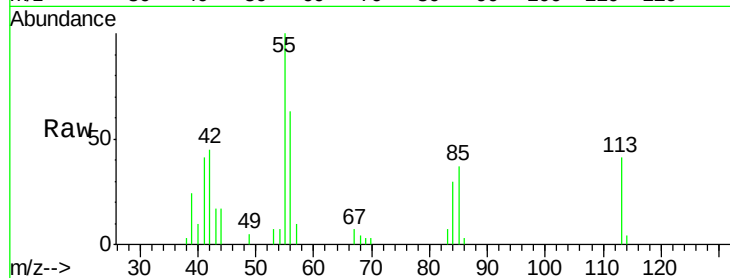
Tot Ion:113 Resp: 4956

Ion Ratio Lower Upper

113 100

55 243.7 163.3 203.3#

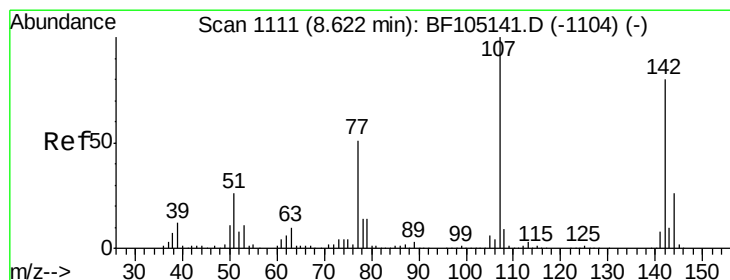
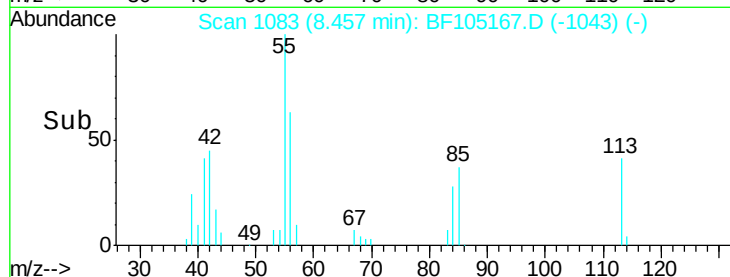
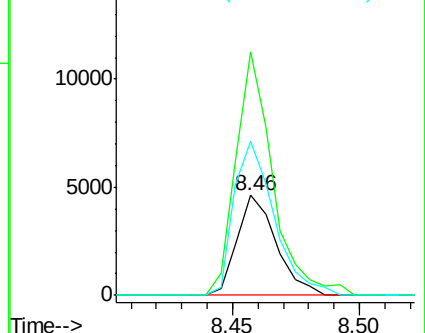
56 154.8 115.7 155.7



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: 1.767 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

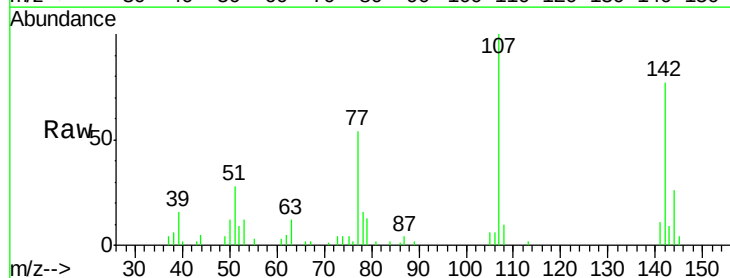
Tgt Ion:107 Resp: 19152

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

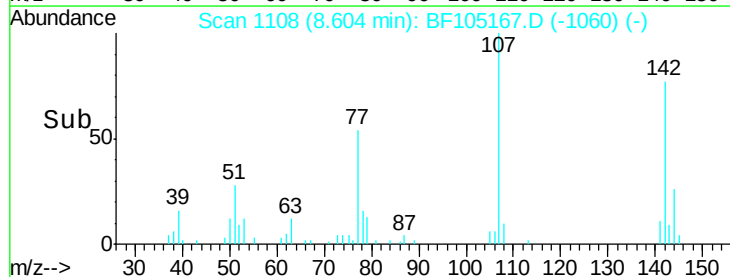
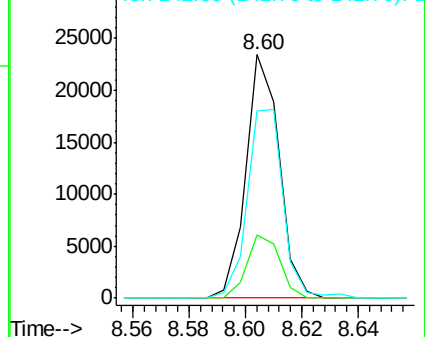
142 77.2 62.0 93.0

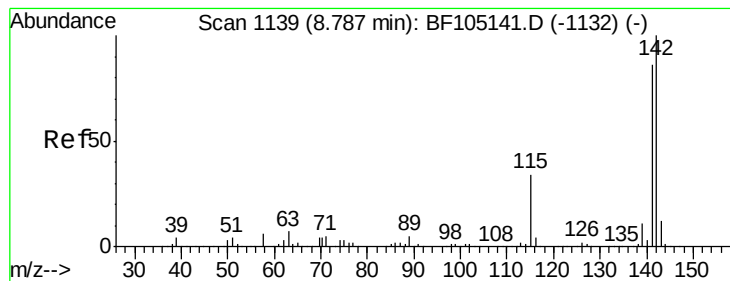


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 2.248 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

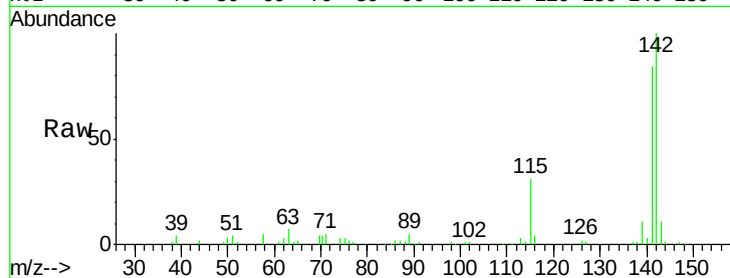
Tot Ion:142 Resp: 57240

Ion Ratio Lower Upper

142 100

141 84.4 70.8 106.2

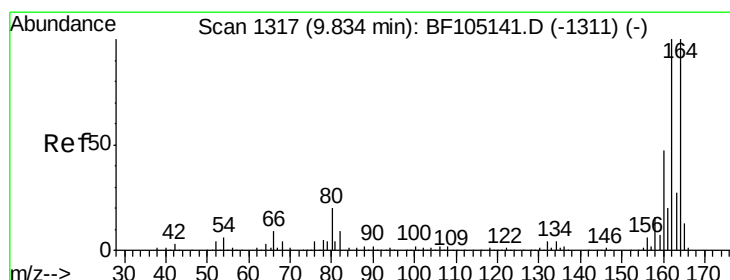
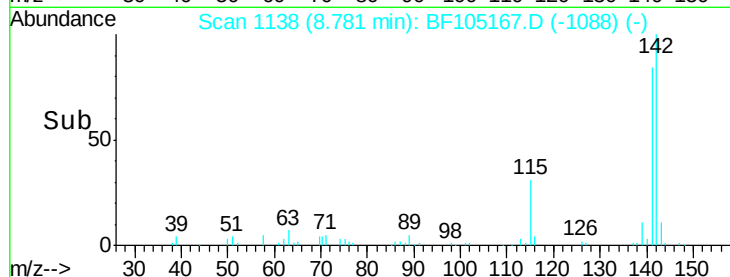
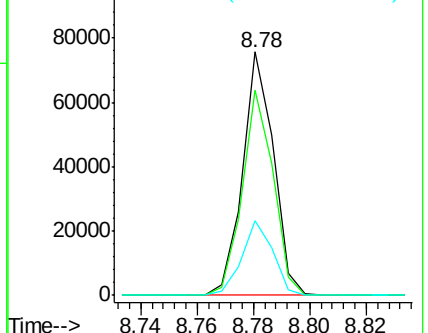
115 30.8 26.1 39.1



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: BF105167.D

Acq: 9 May 2018 1:38

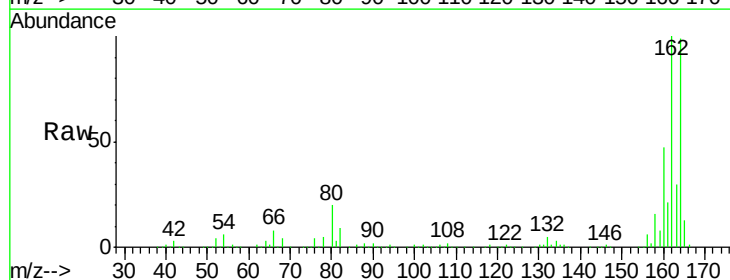
Tgt Ion:164 Resp: 372793

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

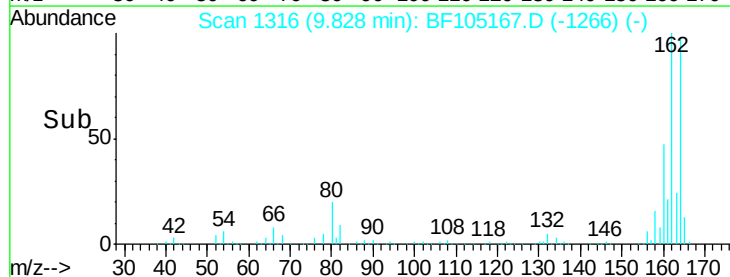
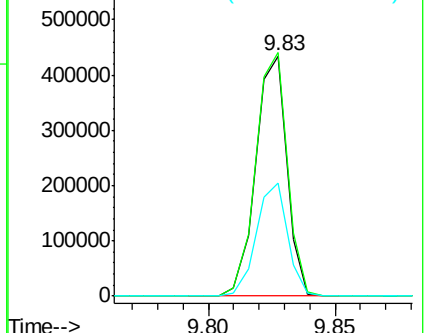
160 47.3 38.3 57.5

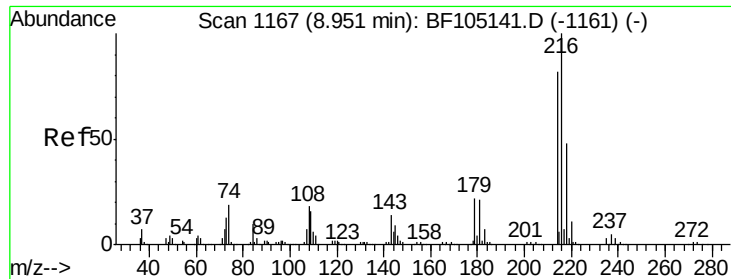


Abundance Ion 164.00 (163.70 to 164.70): E

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: 2.351 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 27890

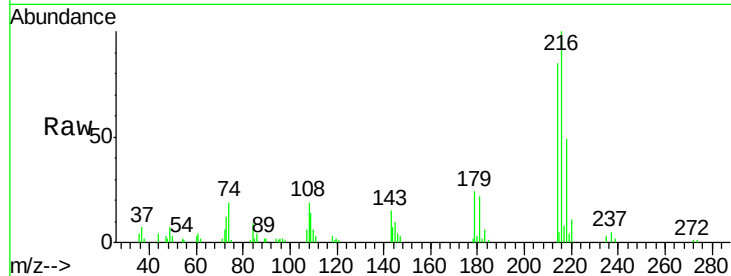
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.0 18.1 27.1

108 18.0 17.2 25.8

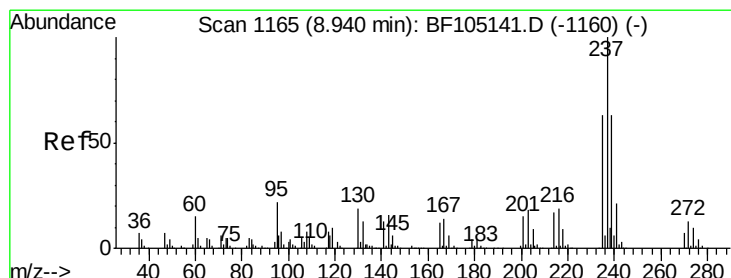
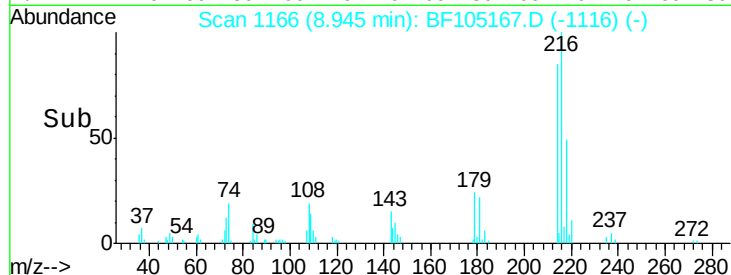
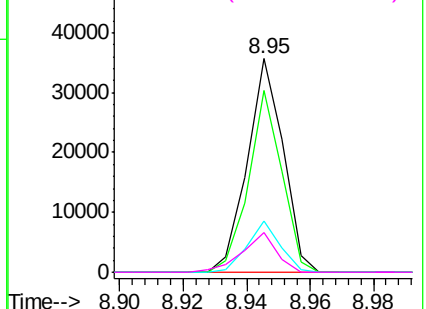


Abundance Ion 216.00 (215.70 to 216.70): E

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: 1.731 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

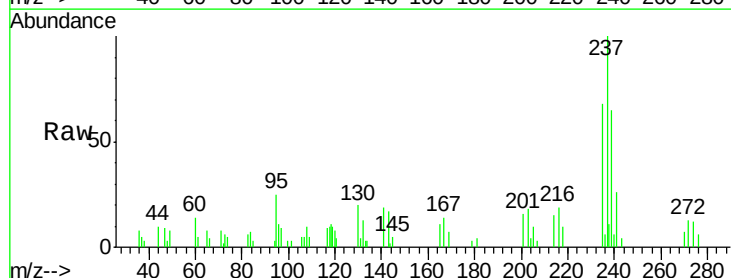
Tgt Ion:237 Resp: 11102

Ion Ratio Lower Upper

237 100

235 68.1 44.8 84.8

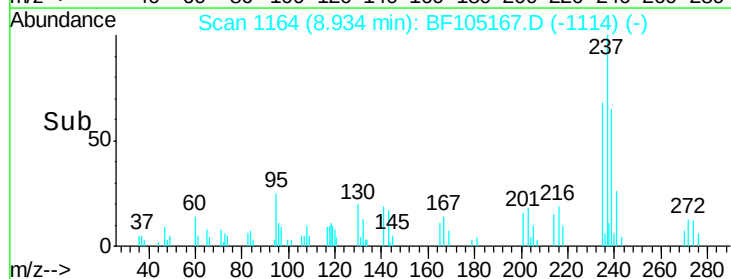
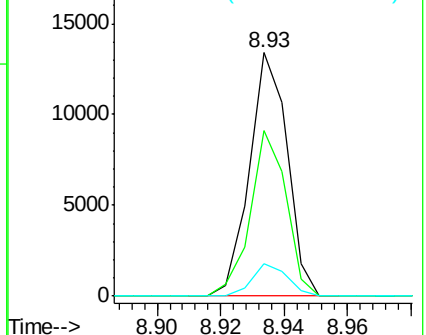
272 13.5 0.0 33.3

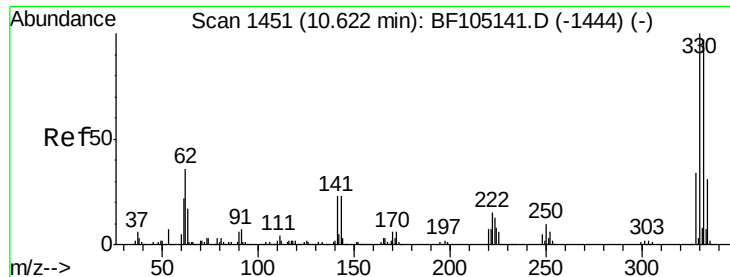


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

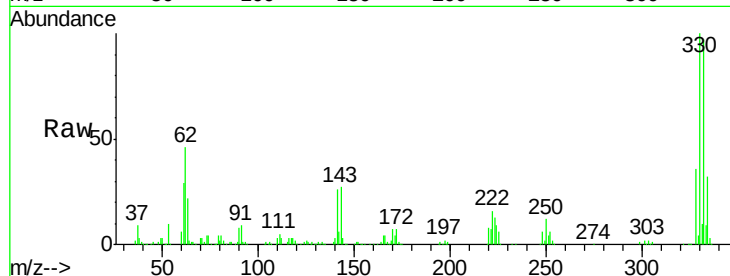




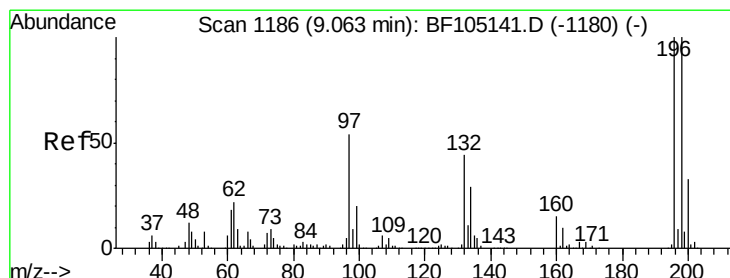
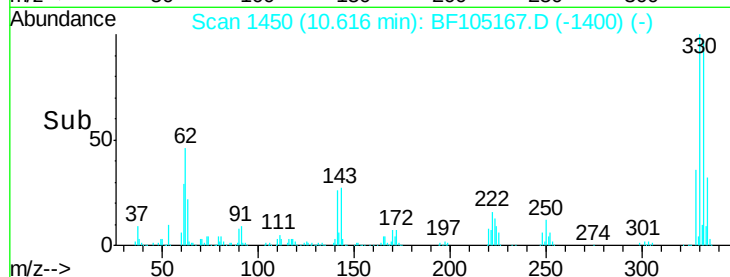
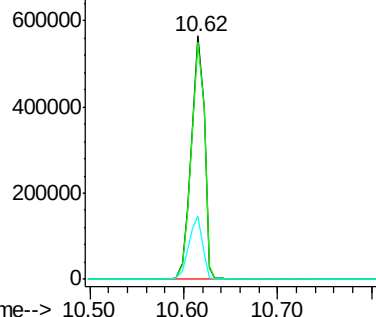
#41
 2,4,6-Tribromophenol
 Concen: 135.684 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	27.0	29.9	44.9

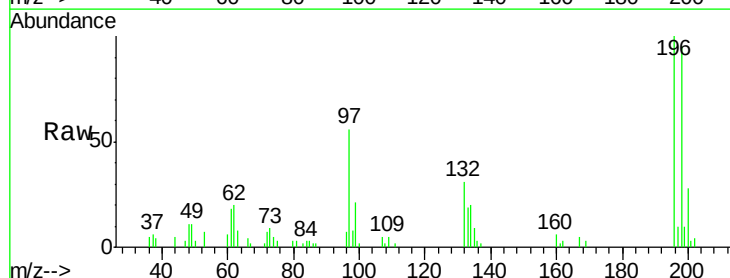


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

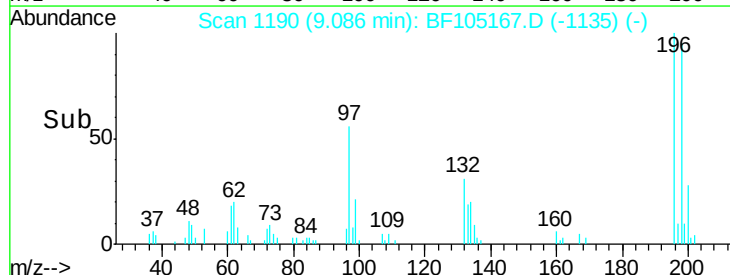
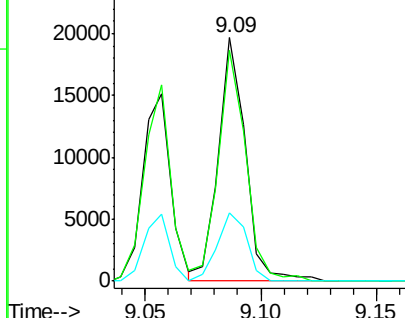


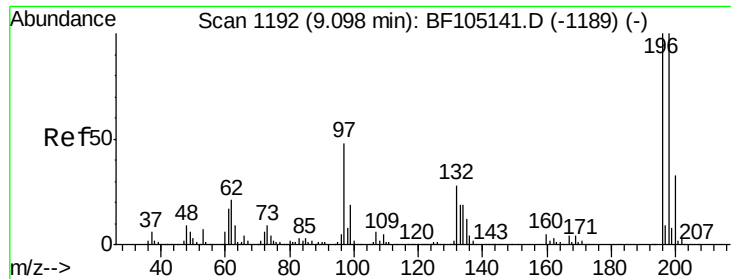
#42
 2,4,6-Trichlorophenol
 Concen: 2.207 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.02 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	28.2	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

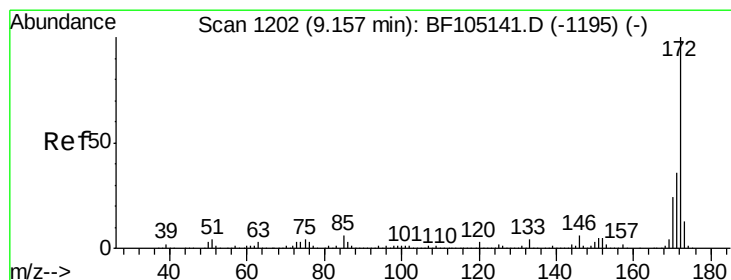
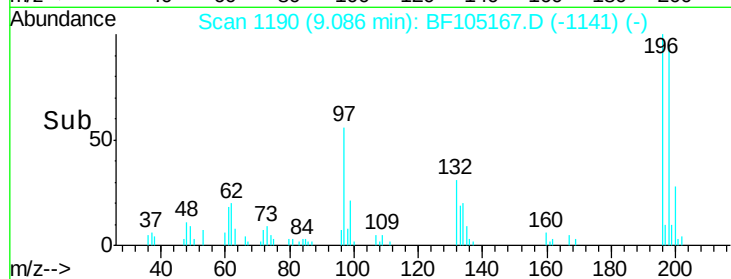
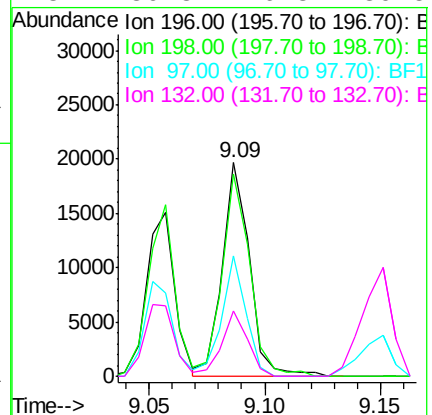
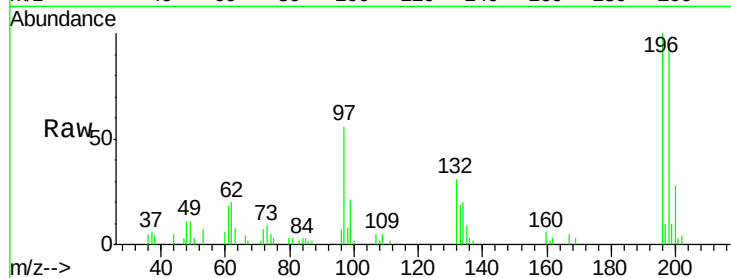




#43
2,4,5-Trichlorophenol
Concen: 2.112 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

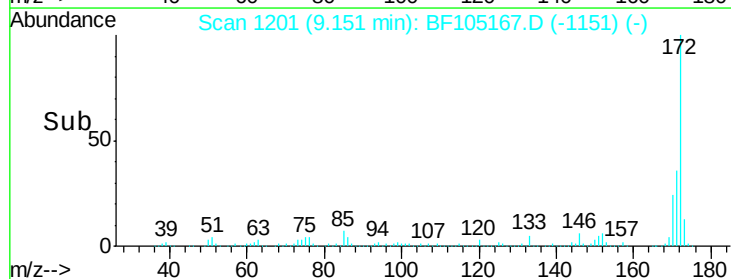
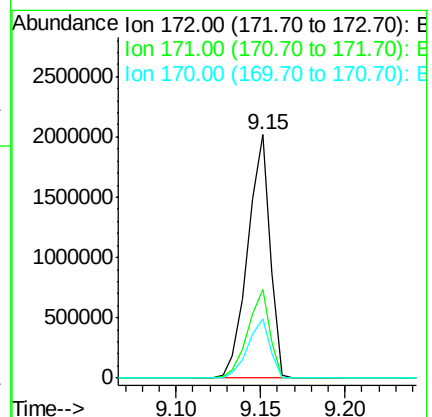
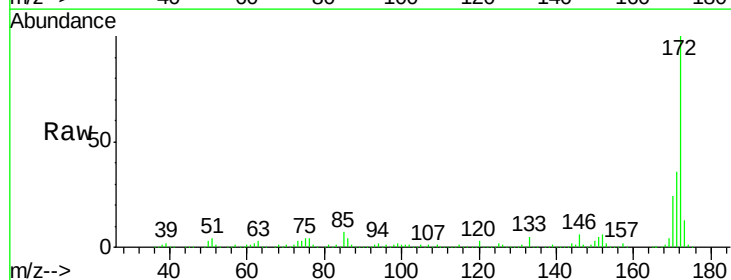
Instrument :
BNA_F
ClientSampleId :

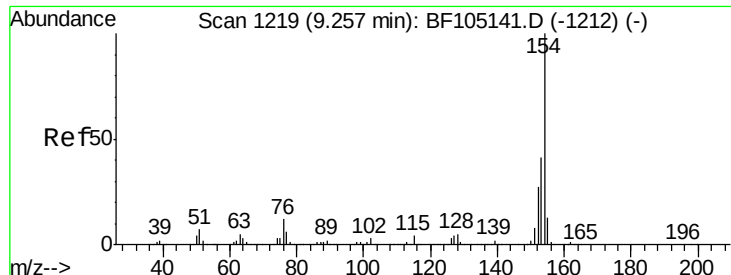
Tot Ion:196 Resp: 15975
Ion Ratio Lower Upper
196 100
198 94.6 74.6 112.0
97 56.3 42.9 64.3
132 30.8 26.3 39.5



#44
2-Fluorobiphenyl
Concen: 77.397 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:172 Resp: 1858969
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.3 19.6 29.4

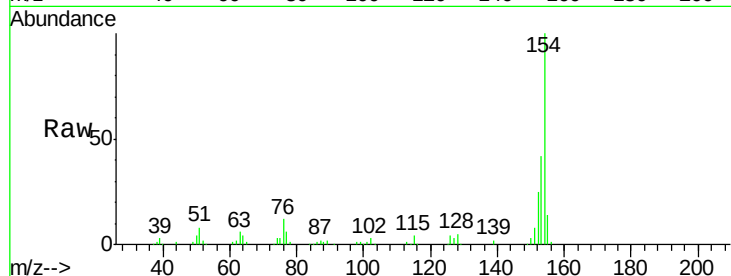




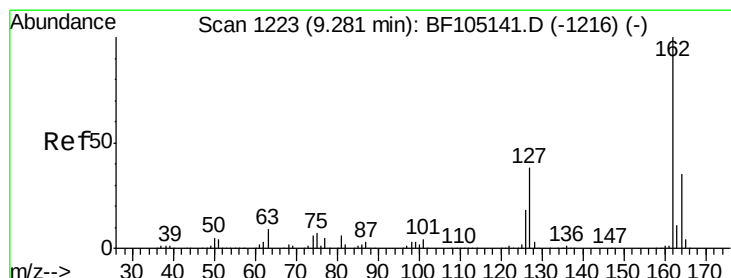
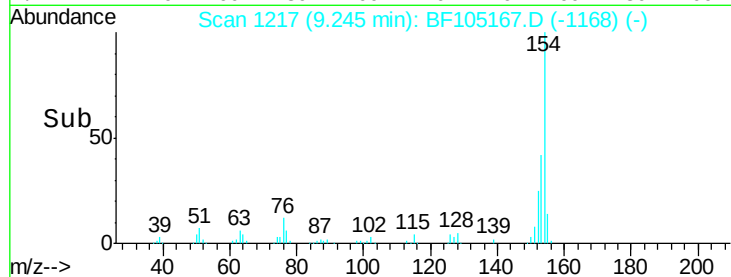
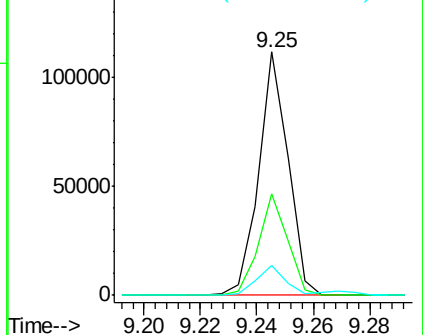
#45
 1,1'-Biphenyl
 Concen: 2.649 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	12.3	0.0	34.0

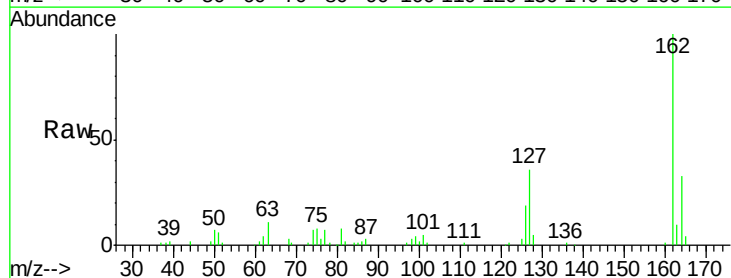


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

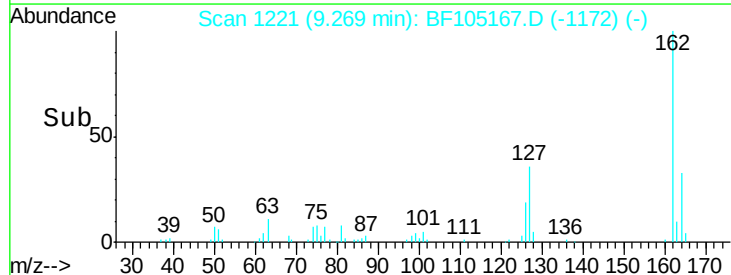
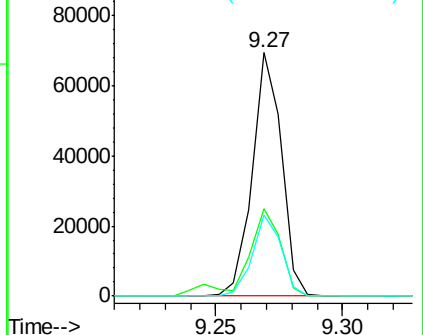


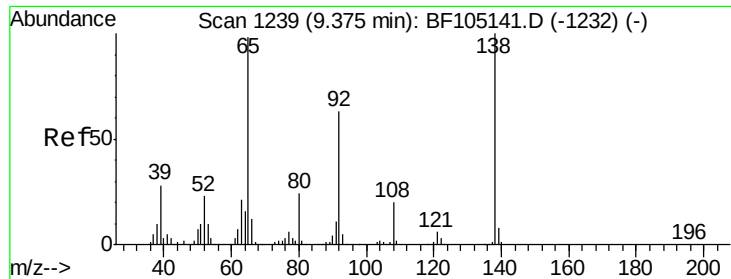
#46
 2-Chloronaphthalene
 Concen: 2.458 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.9	33.9	50.9
164	33.1	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

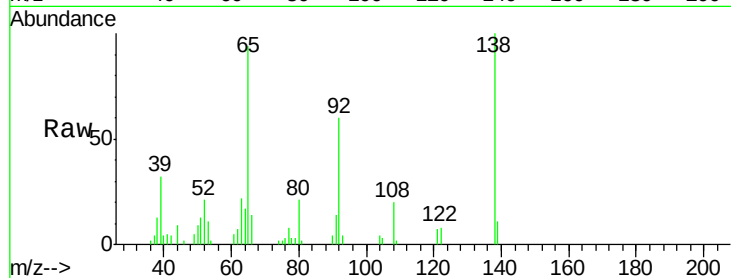




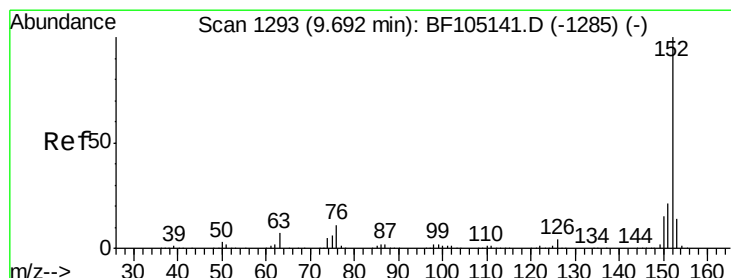
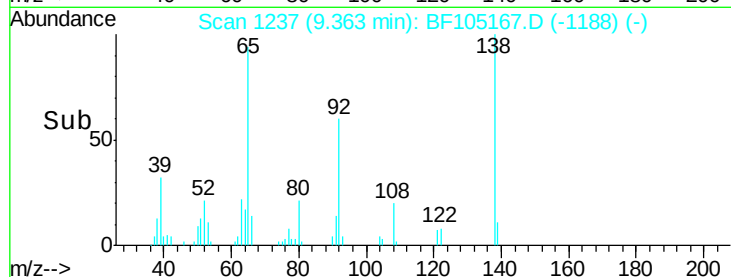
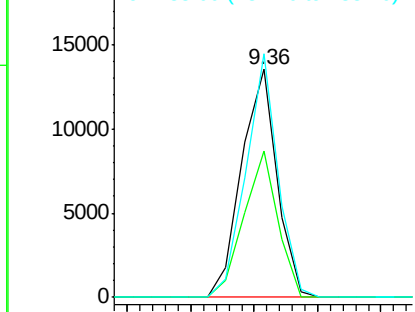
#47
2-Nitroaniline
Concen: 7.203 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 10445
Ion Ratio Lower Upper
65 100
92 64.2 55.8 83.6
138 106.7 91.2 136.8

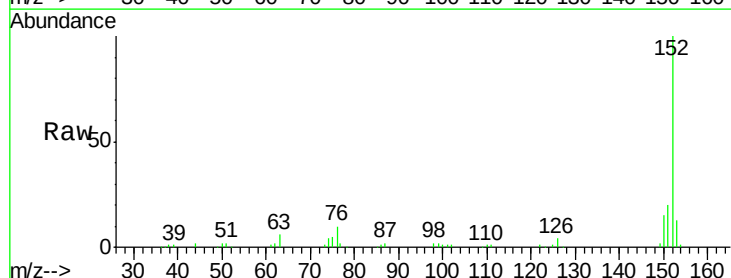


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

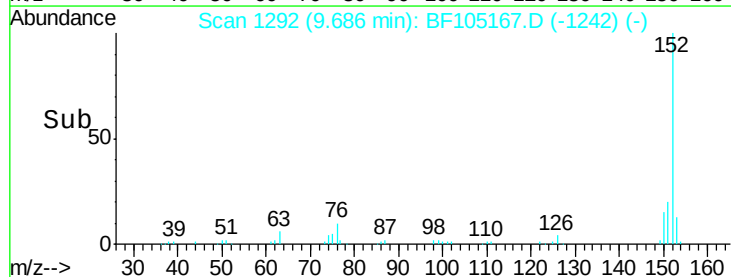
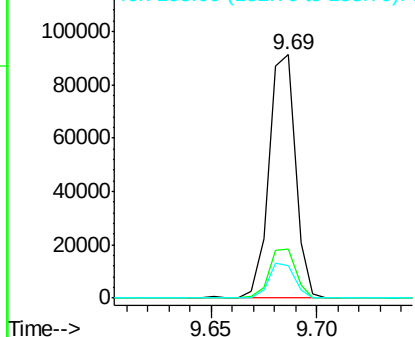


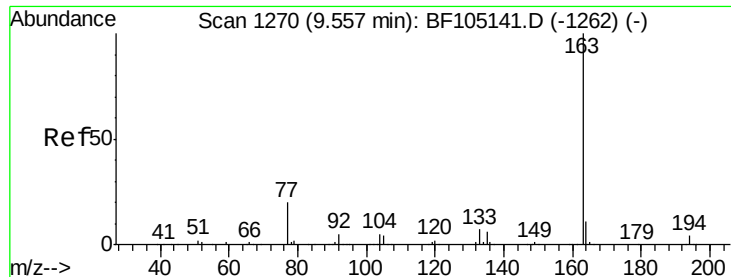
#48
Acenaphthylene
Concen: 2.282 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion: 152 Resp: 80026
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

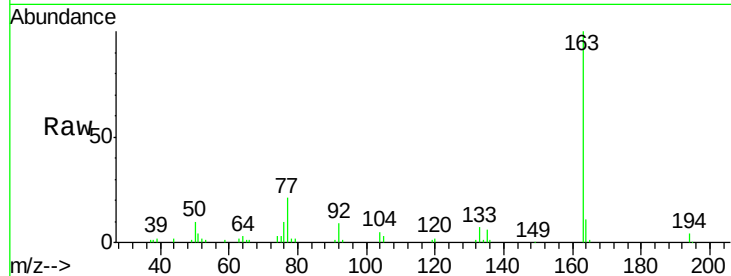




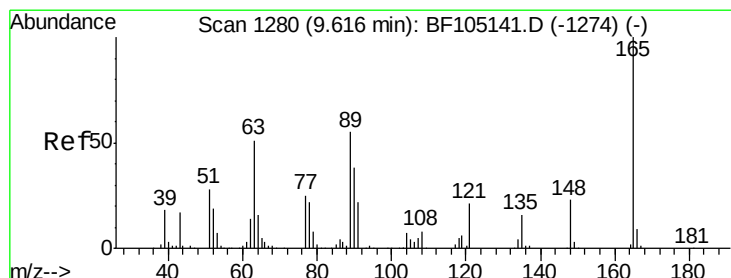
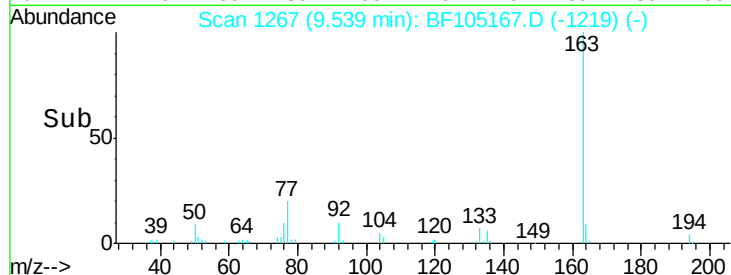
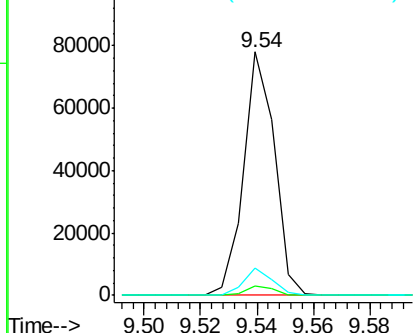
#49
Dimethylphthalate
Concen: 2.336 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 58949
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.0 8.2 12.2

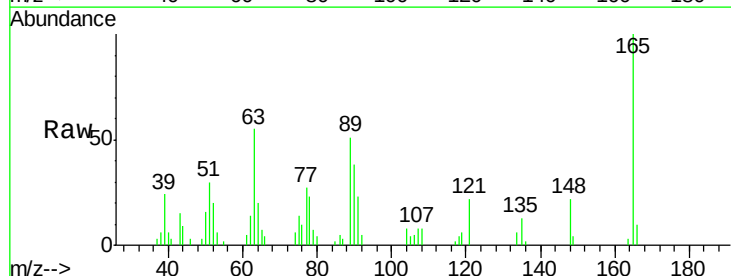


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

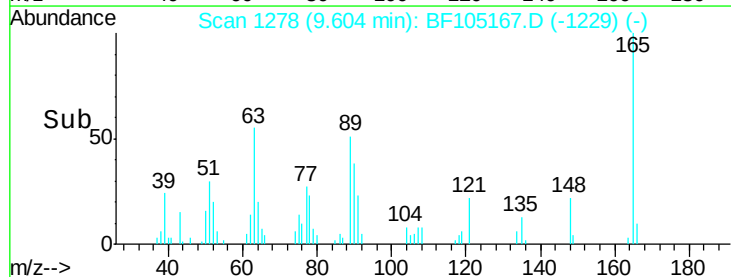
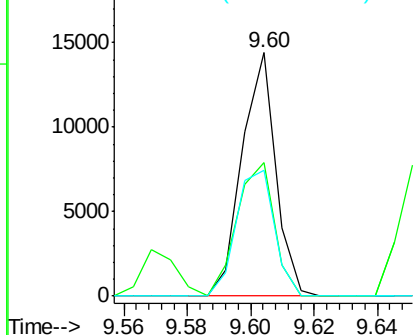


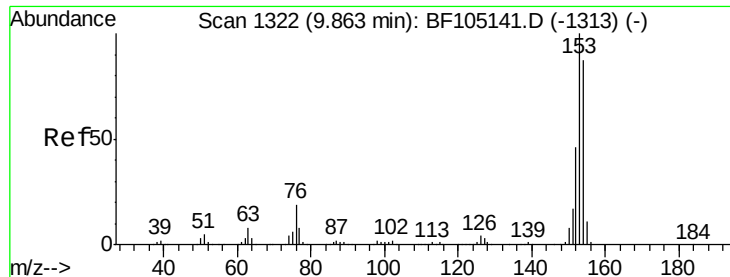
#50
2,6-Dinitrotoluene
Concen: 1.939 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:165 Resp: 10618
Ion Ratio Lower Upper
165 100
63 54.6 44.7 67.1
89 51.5 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: 2.410 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

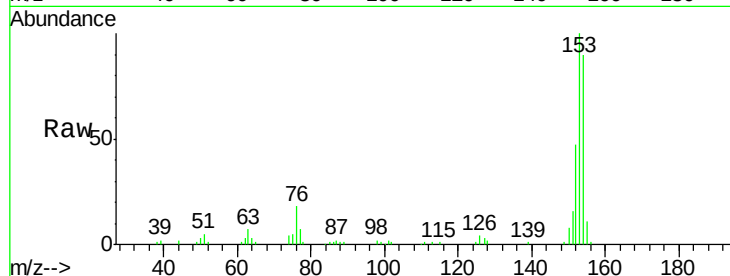
Tot Ion:154 Resp: 54467

Ion Ratio Lower Upper

154 100

153 111.2 91.2 136.8

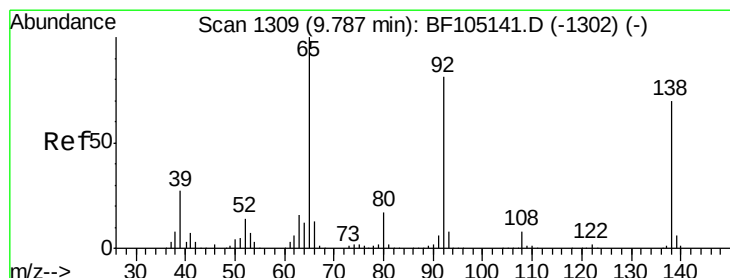
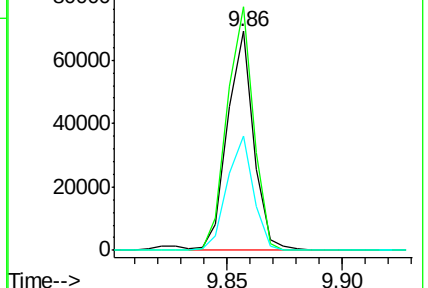
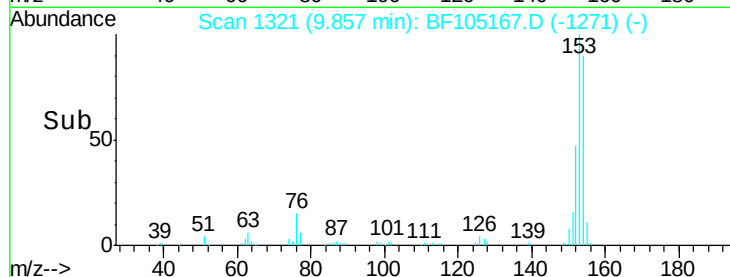
152 52.4 43.8 65.8



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: 1.988 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

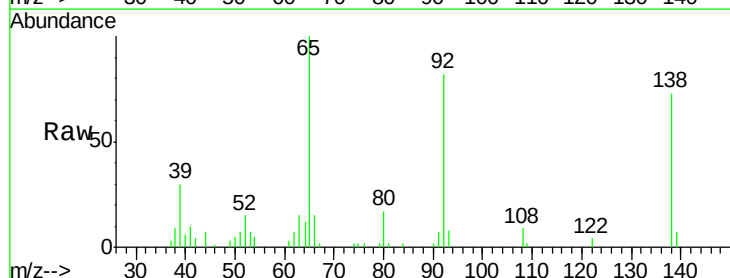
Tgt Ion:138 Resp: 11466

Ion Ratio Lower Upper

138 100

108 12.4 9.4 14.0

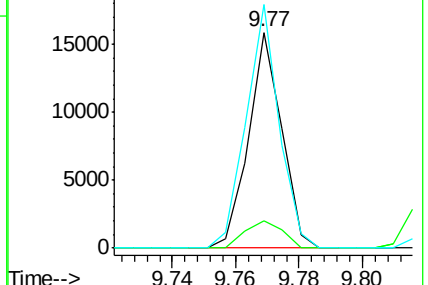
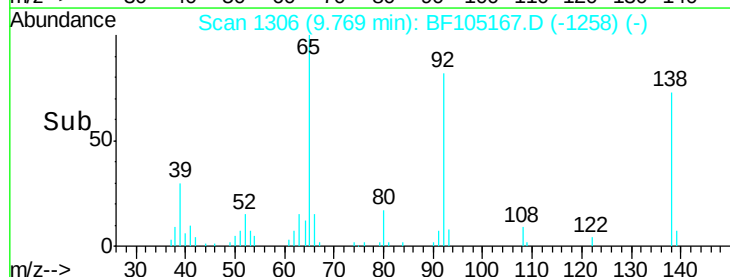
92 112.7 89.4 134.2

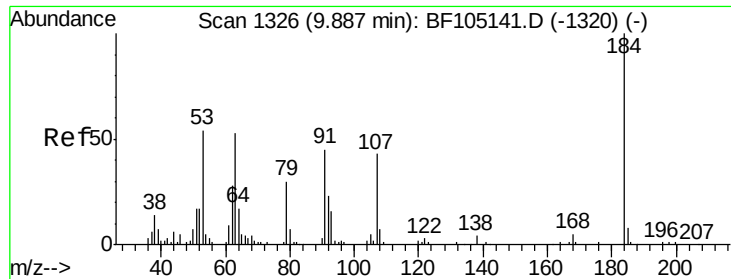


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

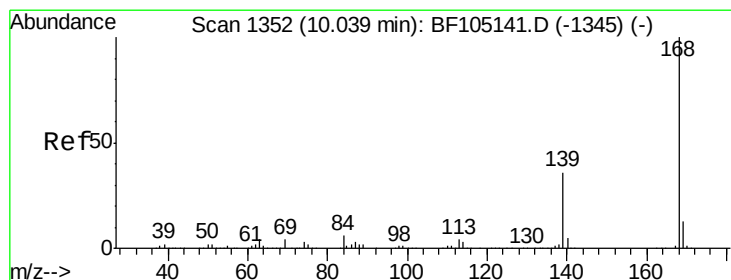
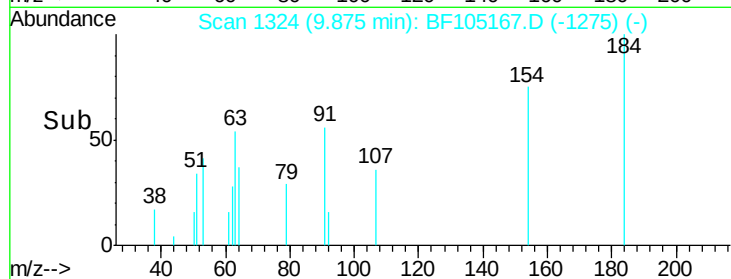
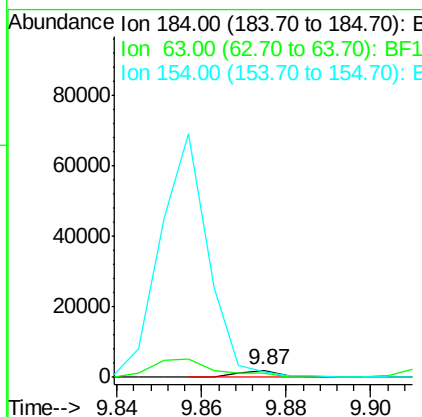
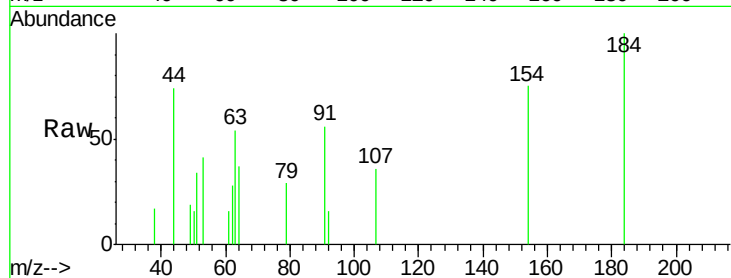




#53
 2,4-Dinitrophenol
 Concen: 10.251 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

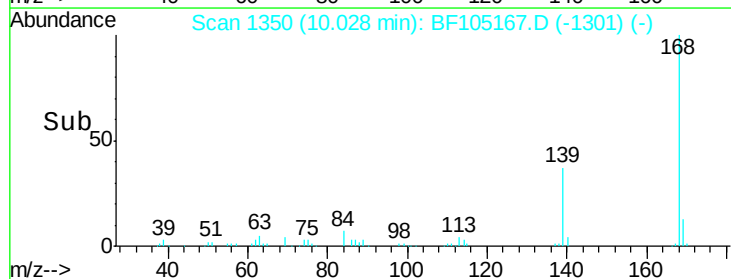
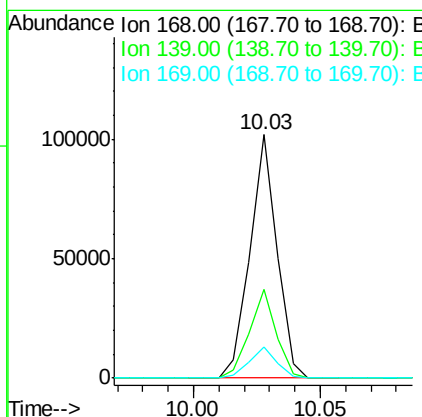
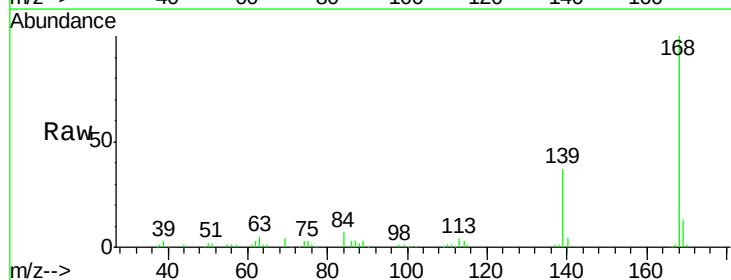
Instrument :
 BNA_F
 ClientSampled :

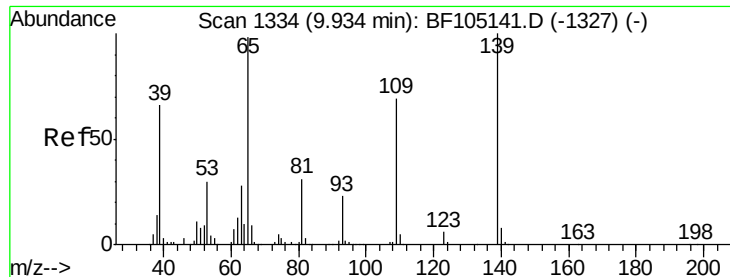
Tot Ion:184 Resp: 1337
 Ion Ratio Lower Upper
 184 100
 63 54.0 54.2 81.2#
 154 74.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 2.296 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion:168 Resp: 75894
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.1 45.1
 169 12.6 10.9 16.3

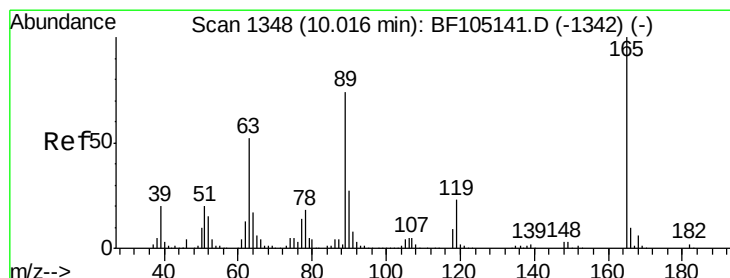
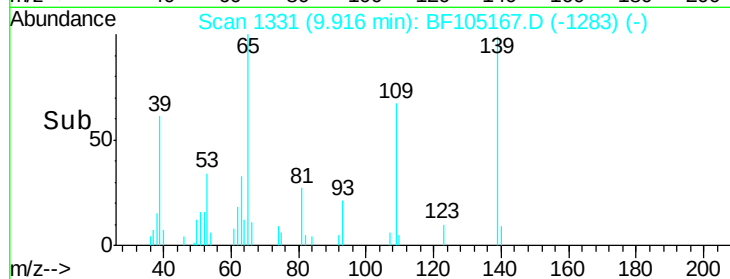
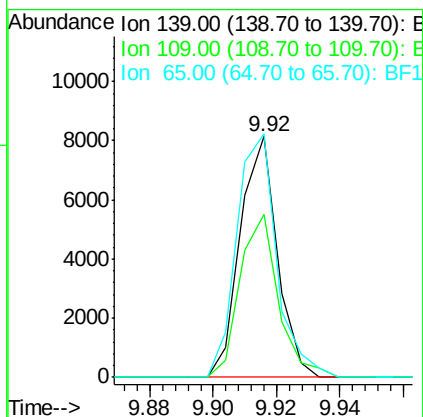
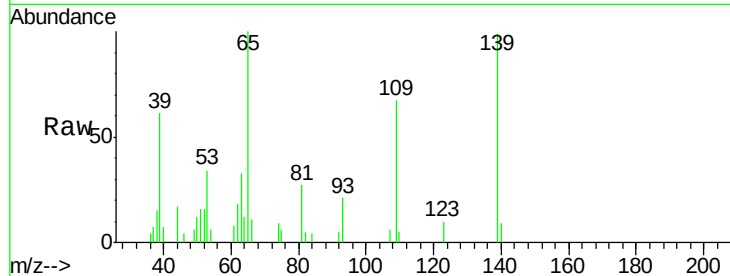




#55
4-Nitrophenol
Concen: 5.501 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

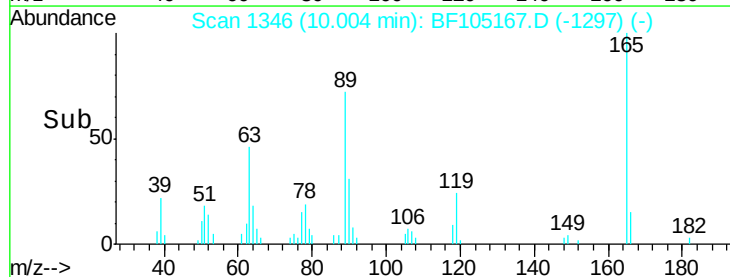
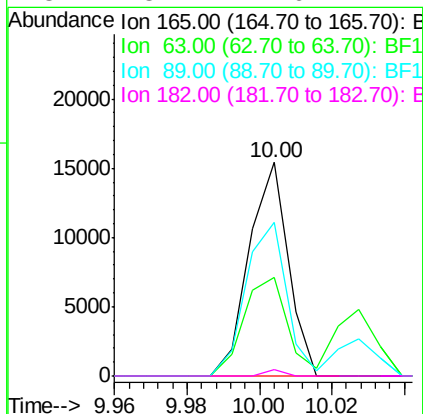
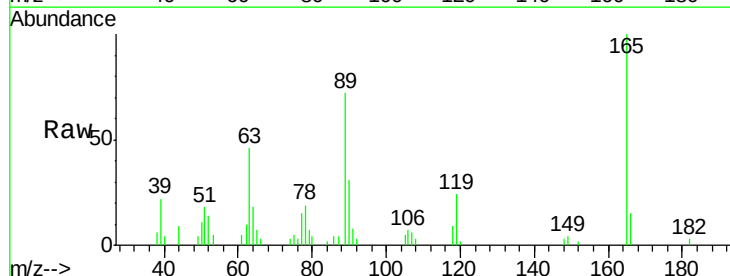
Instrument :
BNA_F
ClientSampled :

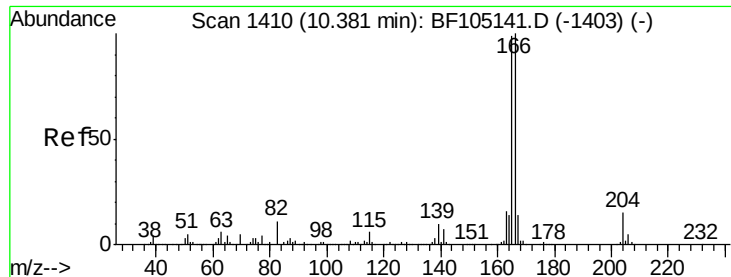
Tot Ion:139 Resp: 6588
Ion Ratio Lower Upper
139 100
109 67.6 48.4 88.4
65 101.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 5.070 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:165 Resp: 11507
Ion Ratio Lower Upper
165 100
63 46.3 36.4 54.6
89 71.8 57.8 86.6
182 3.2 1.6 2.4#

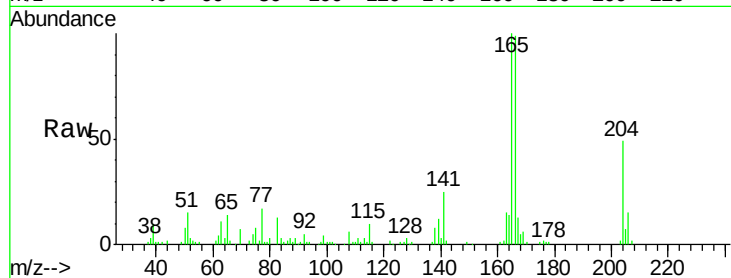




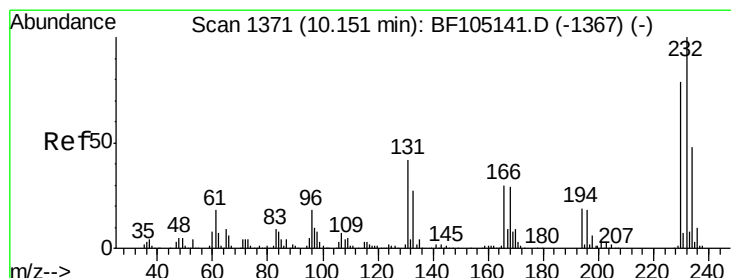
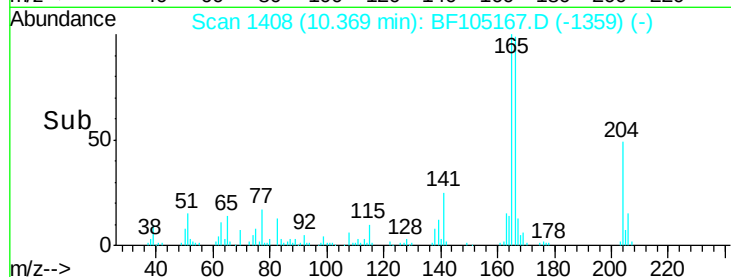
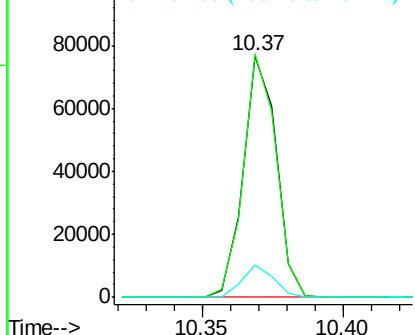
#57
 Fluorene
 Concen: 2.566 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 62197
 Ion Ratio Lower Upper
 166 100
 165 100.9 79.8 119.8
 167 13.5 10.6 16.0

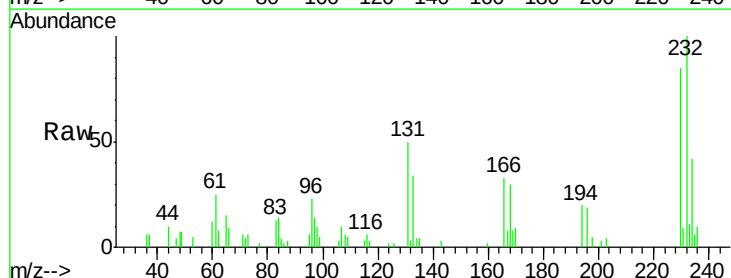


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

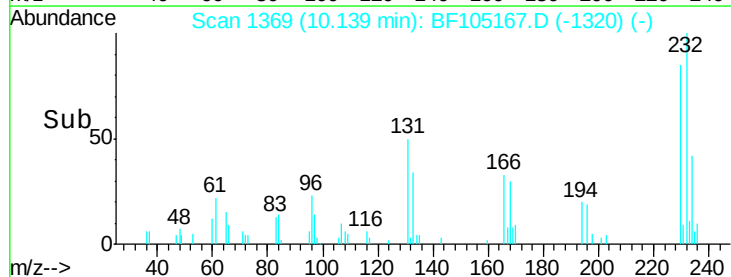
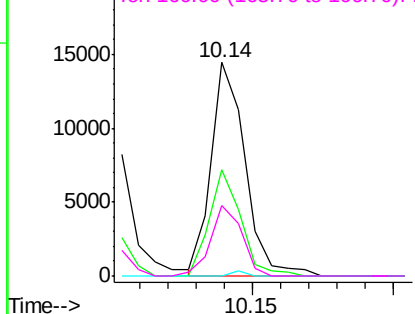


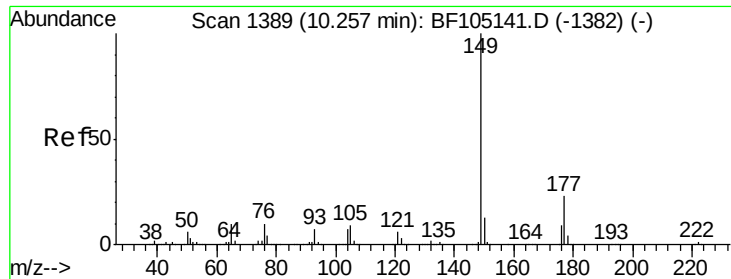
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.798 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion:232 Resp: 12138
 Ion Ratio Lower Upper
 232 100
 131 46.5 43.8 65.8
 130 0.9 2.1 3.1#
 166 30.1 27.8 41.6



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





#59

Diethylphthalate

Concen: 2.348 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

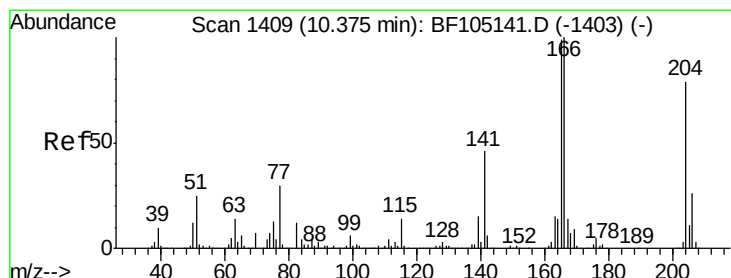
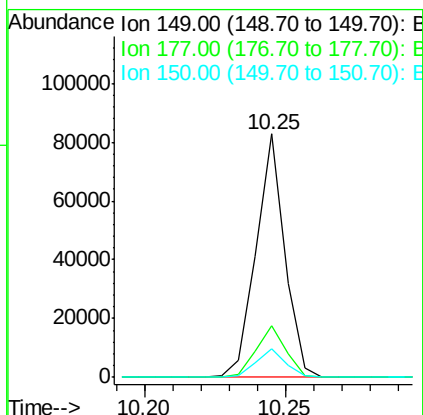
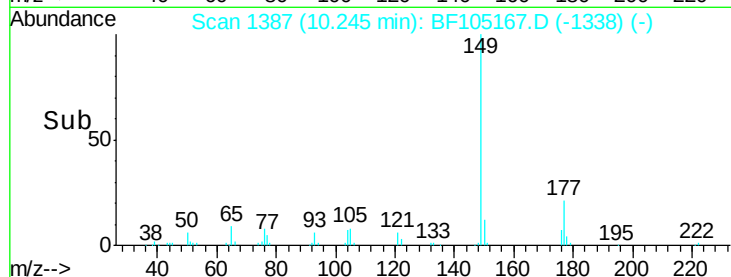
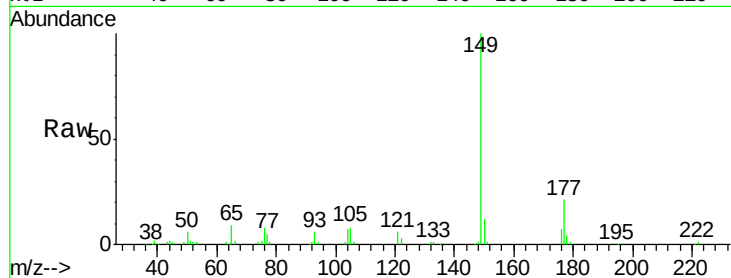
Tot Ion:149 Resp: 58227

Ion Ratio Lower Upper

149 100

177 21.4 16.1 24.1

150 11.9 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 2.560 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

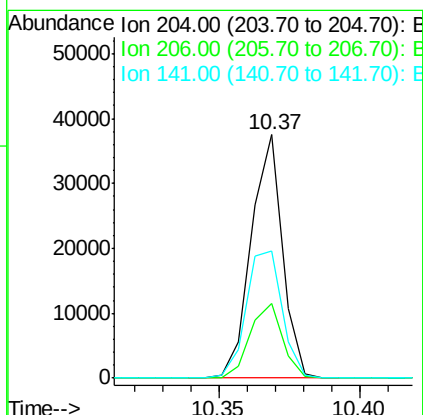
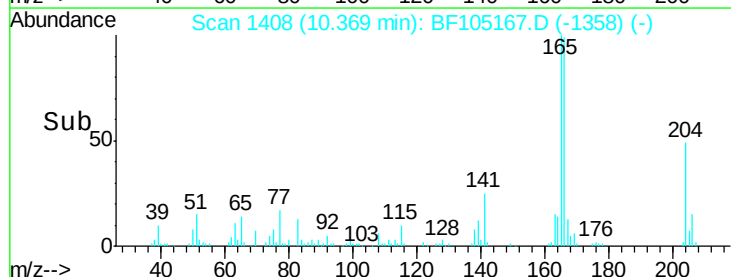
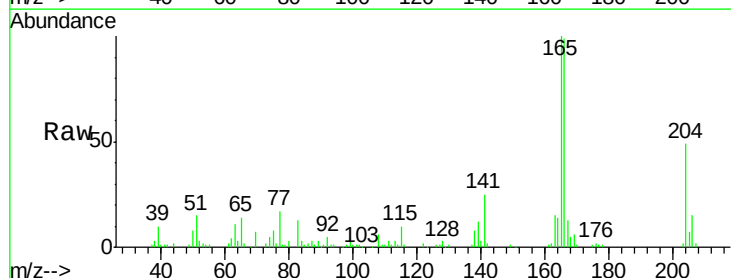
Tgt Ion:204 Resp: 28885

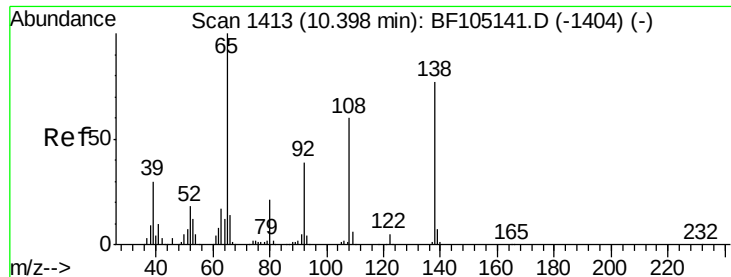
Ion Ratio Lower Upper

204 100

206 30.6 26.5 39.7

141 52.0 54.6 81.8#

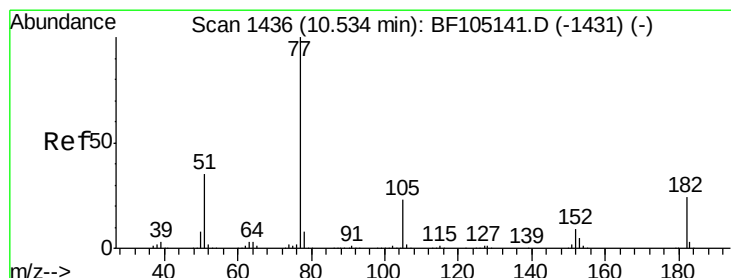
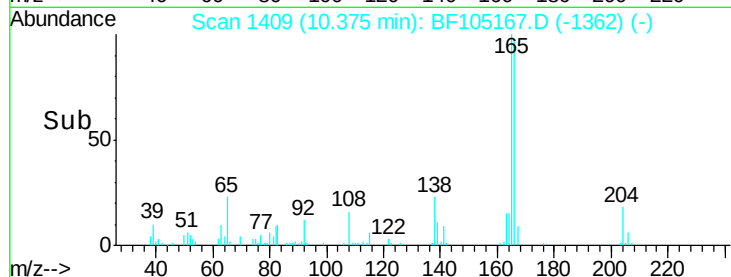
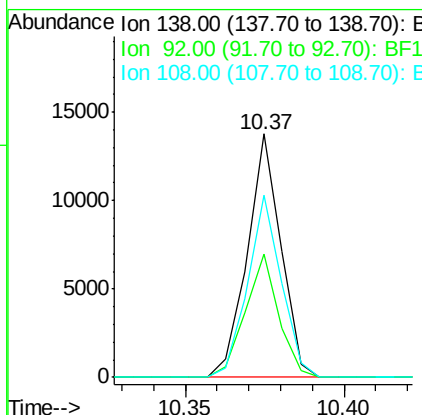
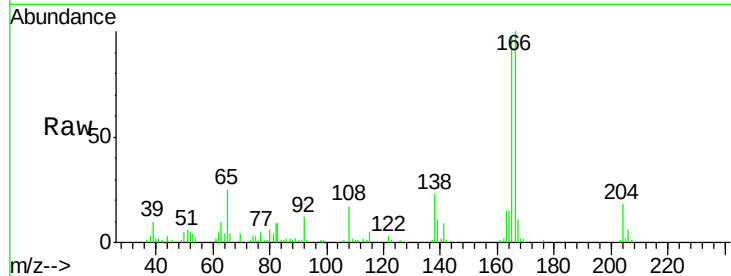




#61
4-Nitroaniline
Concen: 1.758 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

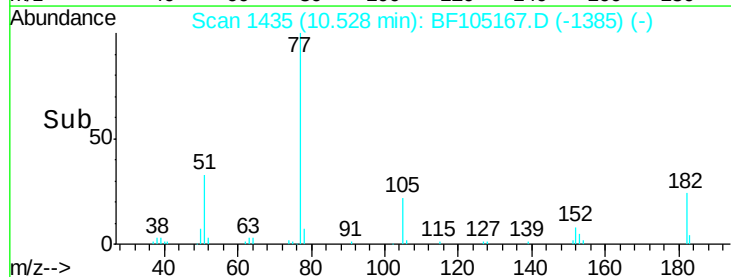
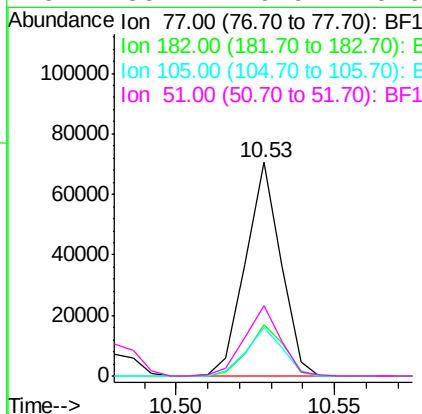
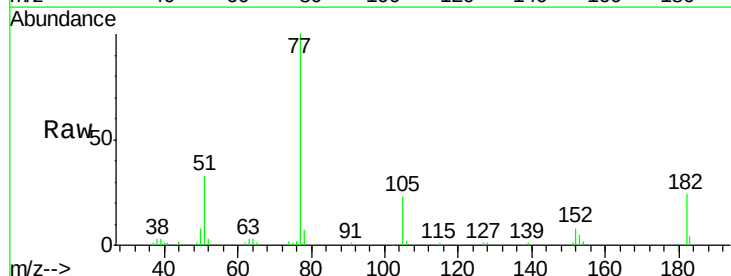
Instrument :
BNA_F
ClientSampleId :

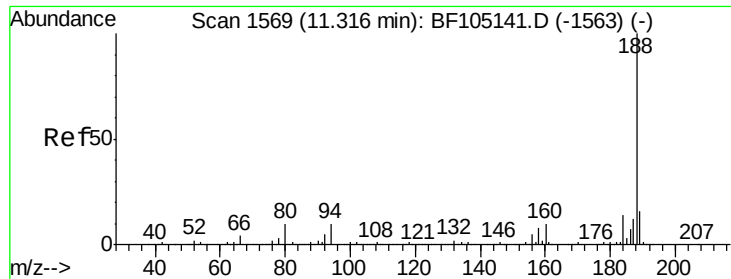
Tot Ion:138 Resp: 10093
Ion Ratio Lower Upper
138 100
92 50.7 30.2 70.2
108 74.8 52.5 92.5



#62
Azobenzene
Concen: 2.113 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion: 77 Resp: 54670
Ion Ratio Lower Upper
77 100
182 24.2 1.7 41.7
105 22.8 3.0 43.0
51 33.2 9.9 49.9

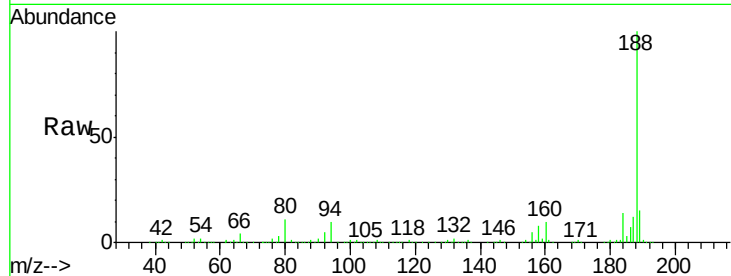




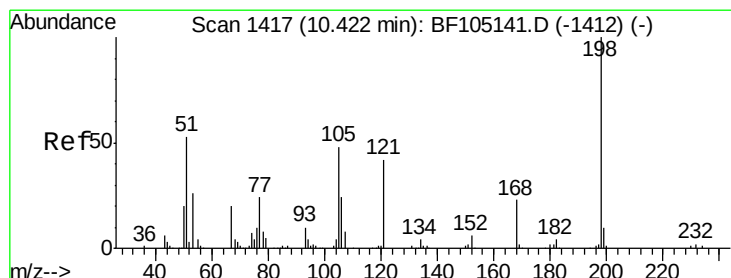
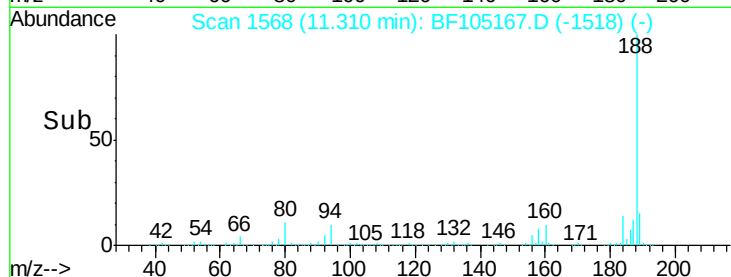
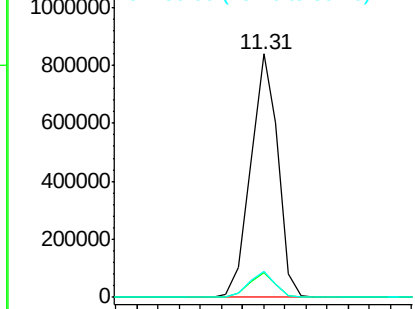
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 747450
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.7 9.2 13.8

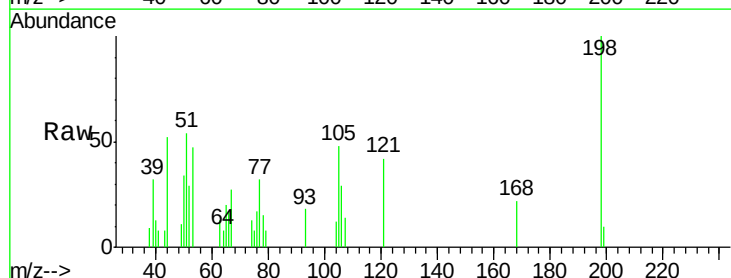


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

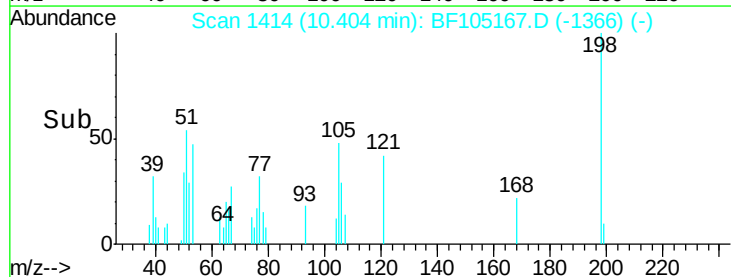
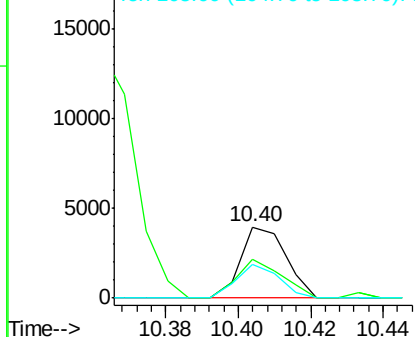


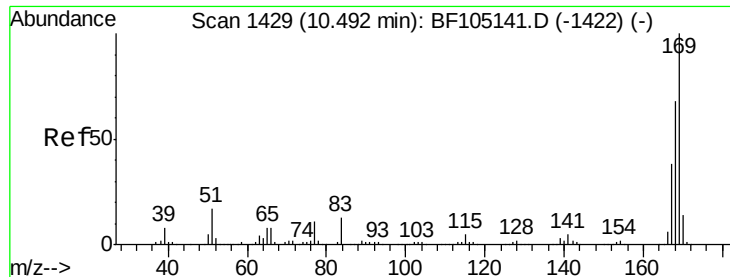
#64
4,6-Dinitro-2-methylphenol
Concen: 10.043 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:198 Resp: 3427
Ion Ratio Lower Upper
198 100
51 54.2 37.7 77.7
105 47.6 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

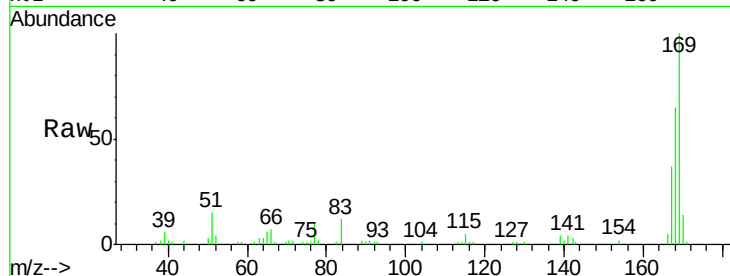




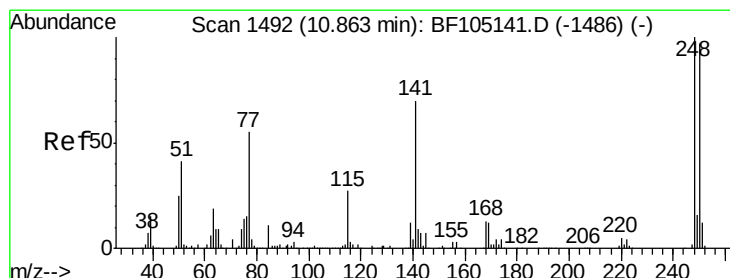
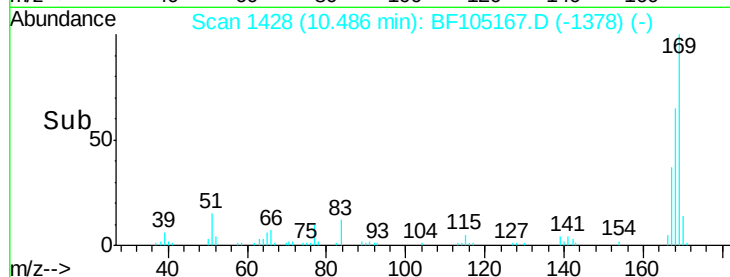
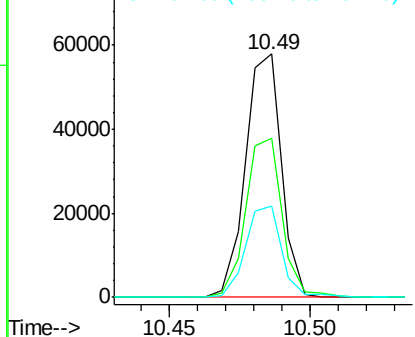
#65
 n-Nitrosodiphenylamine
 Concen: 2.190 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.3	54.4	81.6
167	37.5	29.8	44.6

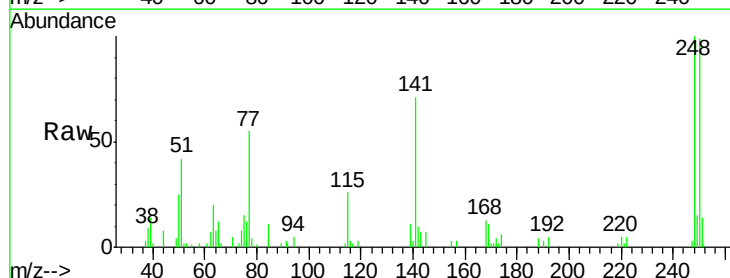


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

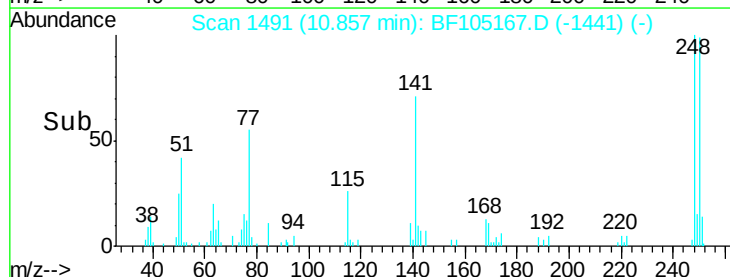
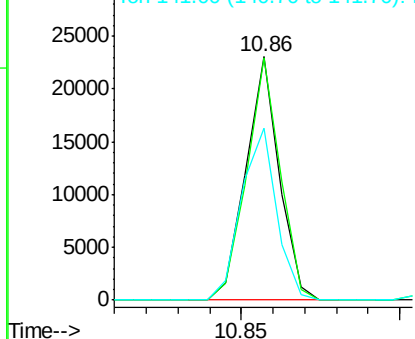


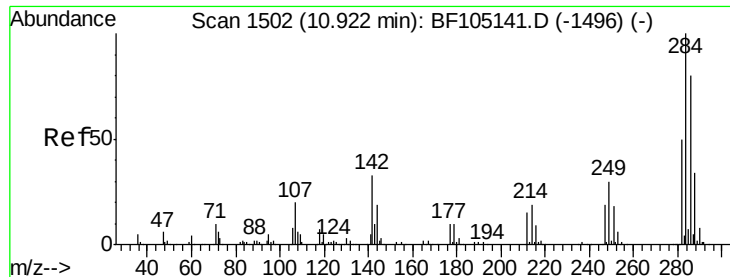
#66
 4-Bromophenyl-phenylether
 Concen: 2.109 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.9	115.3
141	70.6	74.4	111.6#



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

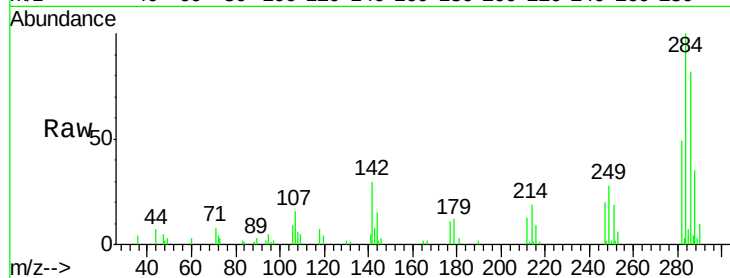




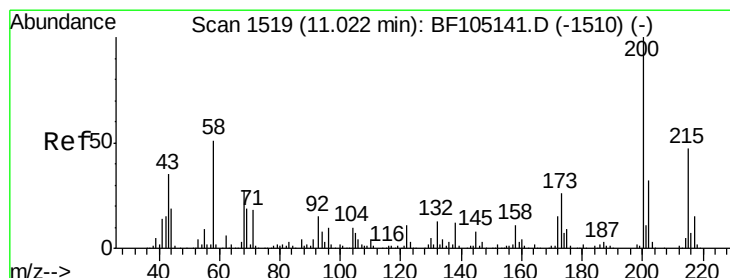
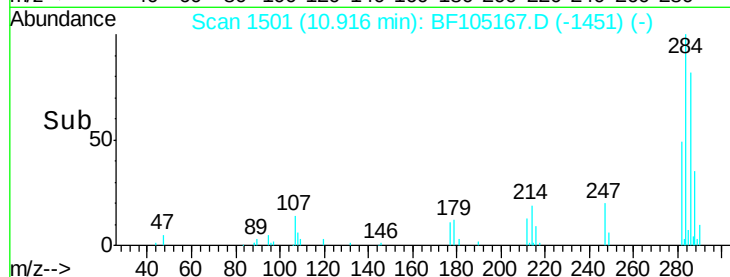
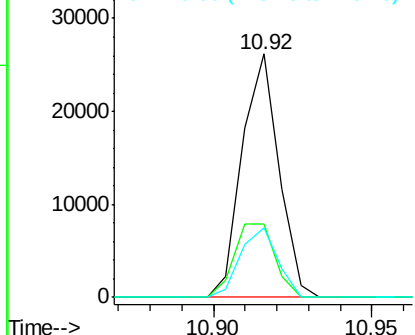
#67
Hexachlorobenzene
Concen: 2.286 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 20999
Ion Ratio Lower Upper
284 100
142 30.3 34.6 52.0#
249 28.4 24.8 37.2

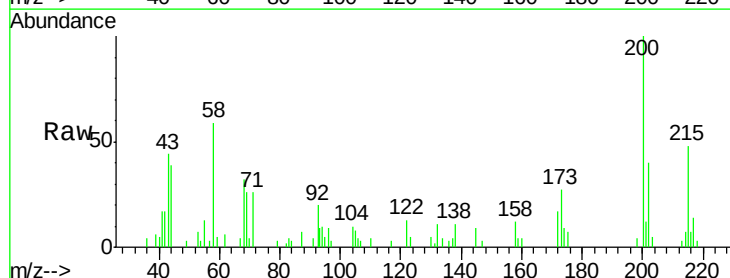


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

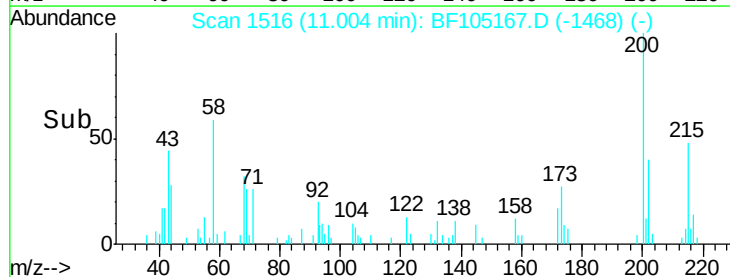
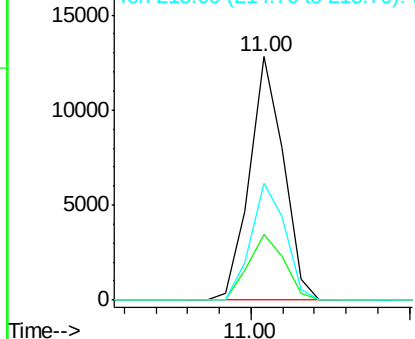


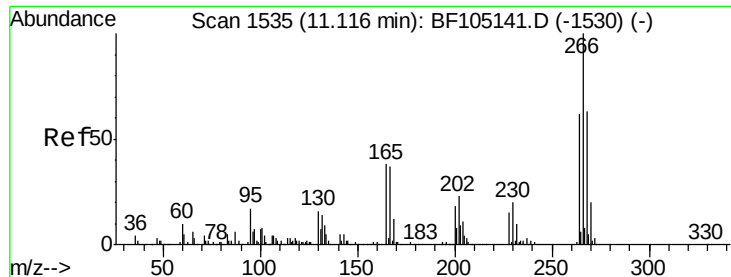
#68
Atrazine
Concen: 1.306 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:200 Resp: 9538
Ion Ratio Lower Upper
200 100
173 27.0 8.6 48.6
215 47.9 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

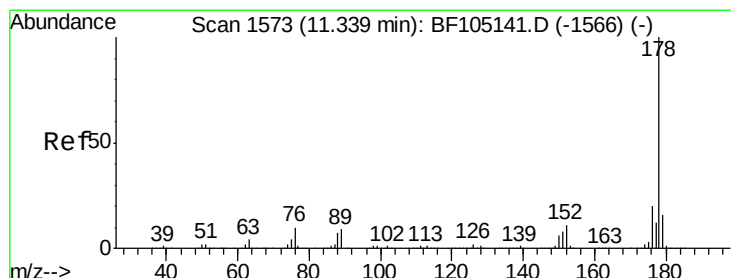
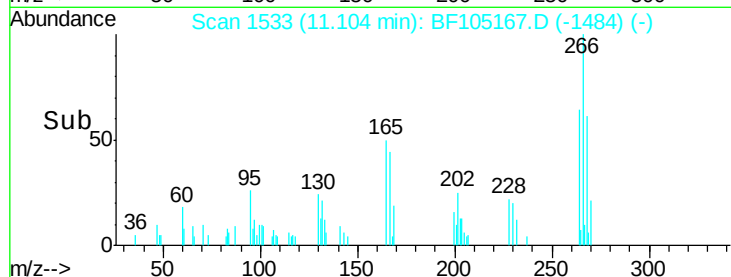
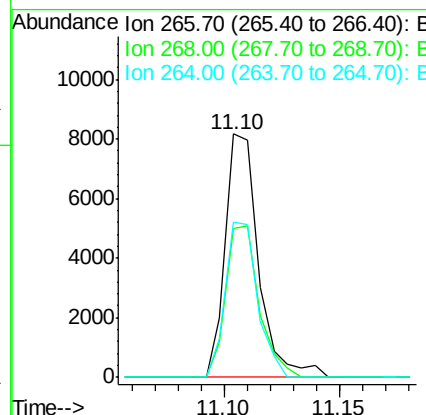
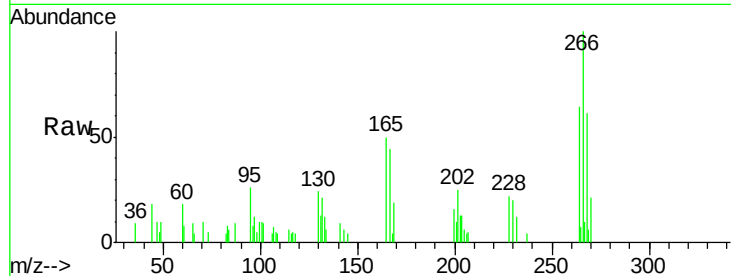




#69
 Pentachlorophenol
 Concen: 4.674 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

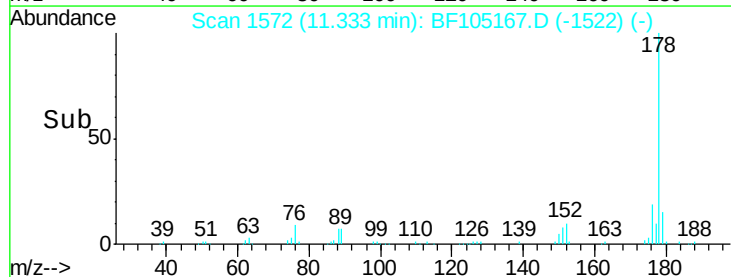
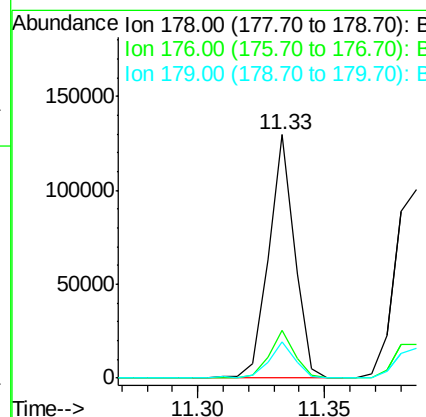
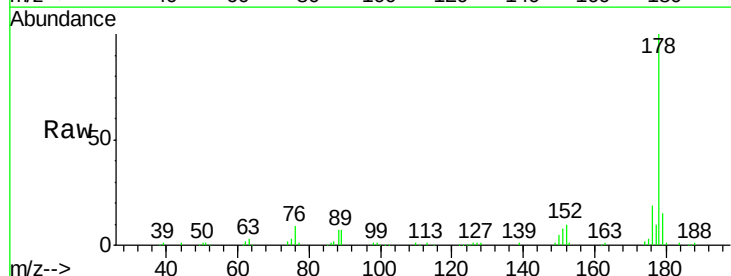
Instrument :
 BNA_F
 ClientSampled :

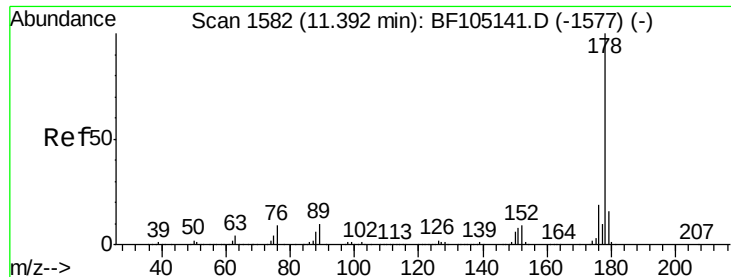
Tot Ion:266 Resp: 8182
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 63.5 49.5 74.3



#70
 Phenanthrene
 Concen: 2.353 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion:178 Resp: 92718
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 14.7 13.0 19.6

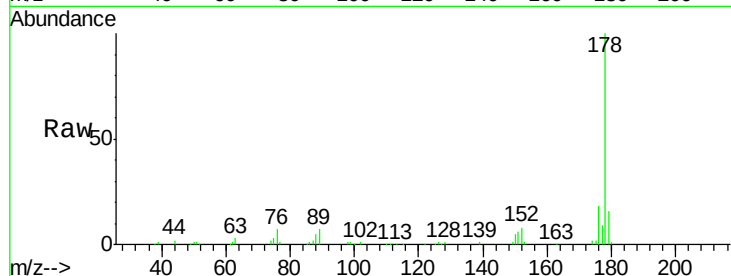




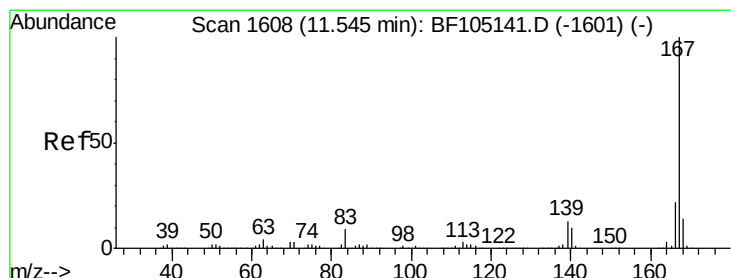
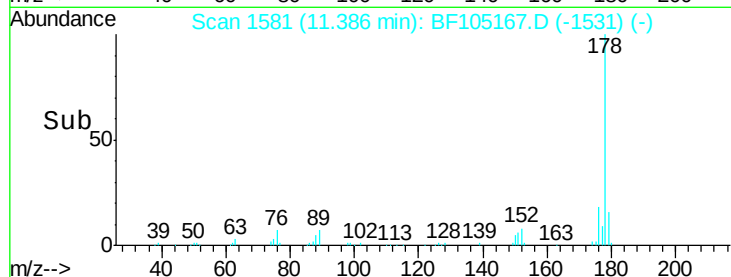
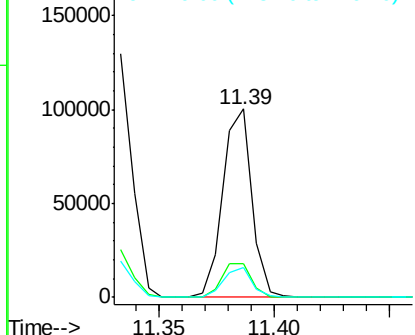
#71
 Anthracene
 Concen: 2.184 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 87464
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.4 23.2
 179 15.9 12.6 19.0

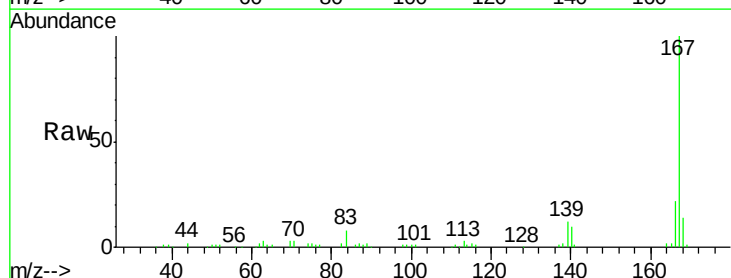


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

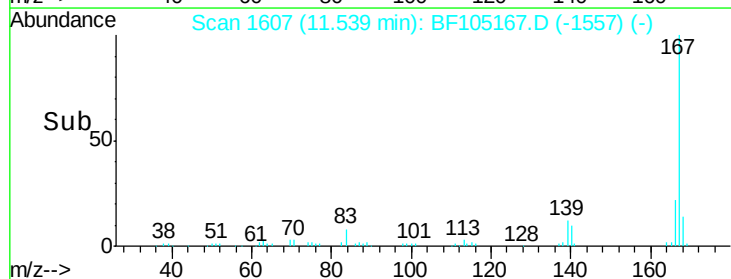
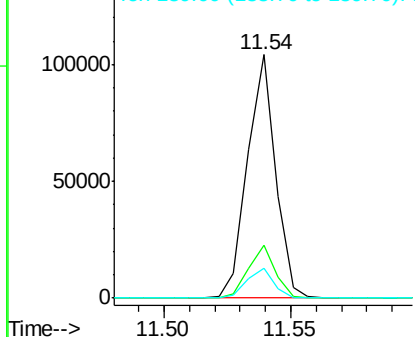


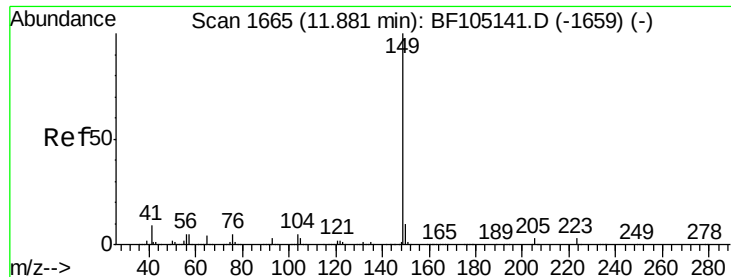
#72
 Carbazole
 Concen: 2.227 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion:167 Resp: 80353
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 1.898 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

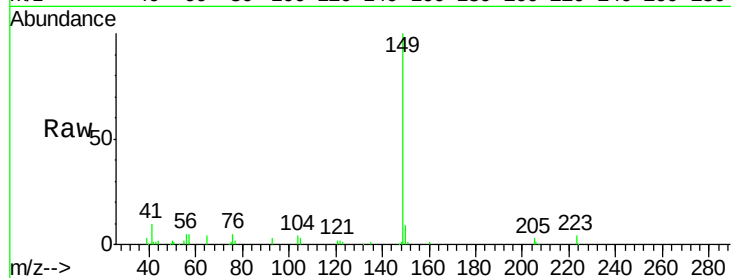
Tot Ion:149 Resp: 73259

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

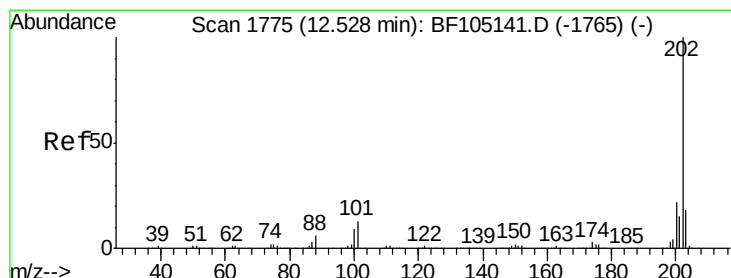
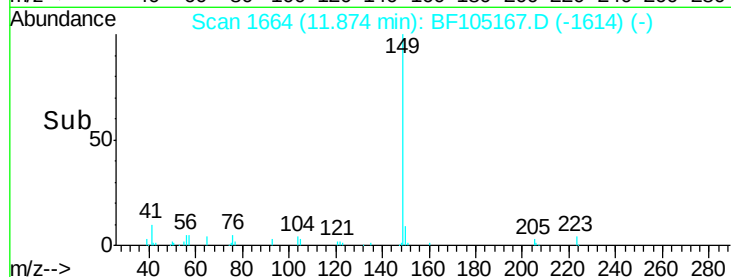
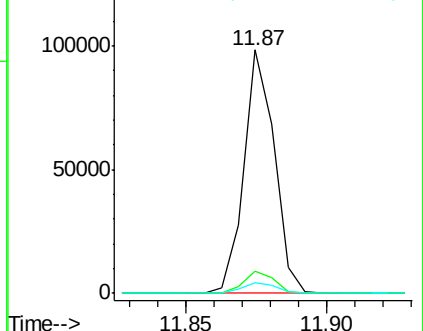
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.204 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

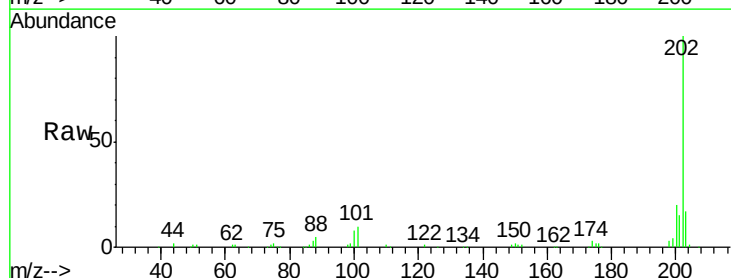
Tgt Ion:202 Resp: 90479

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

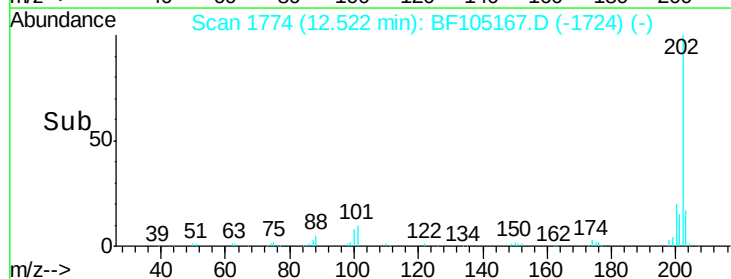
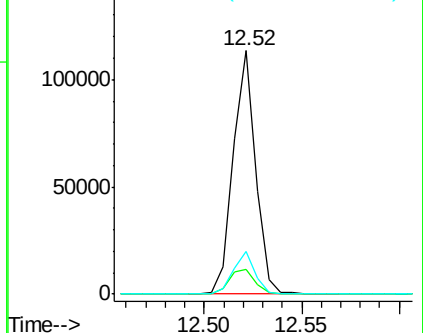
203 17.4 0.0 38.1

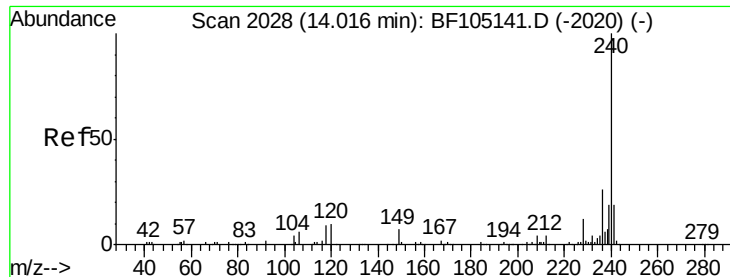


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

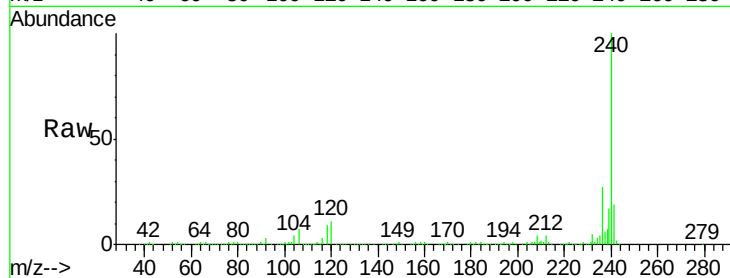
Tot Ion:240 Resp: 651553

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

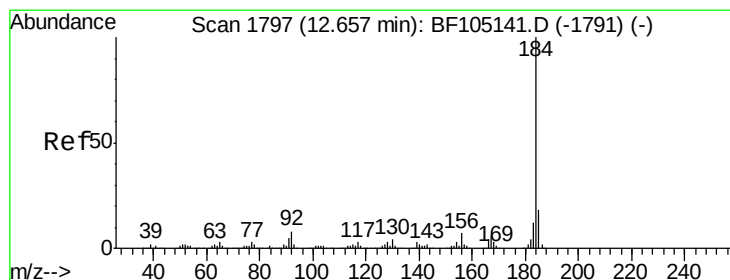
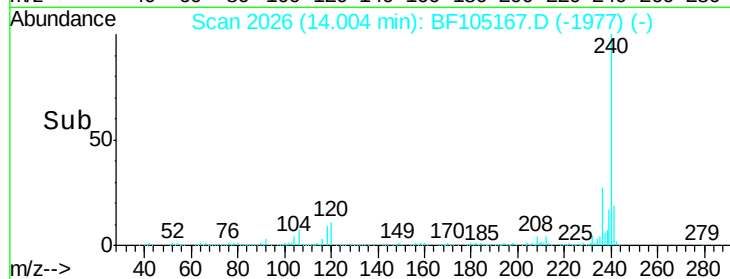
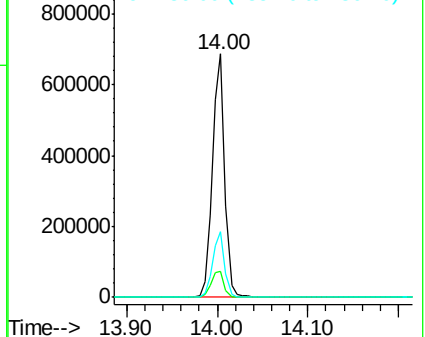
236 27.0 20.7 31.1



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: 1.104 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.25 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

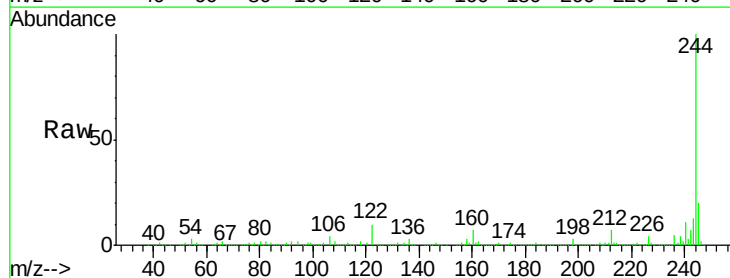
Tgt Ion:184 Resp: 26852

Ion Ratio Lower Upper

184 100

185 17.2 12.6 18.8

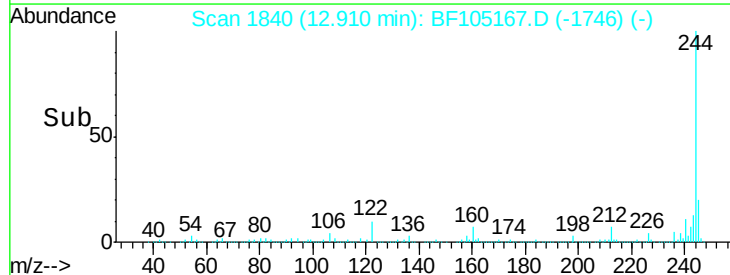
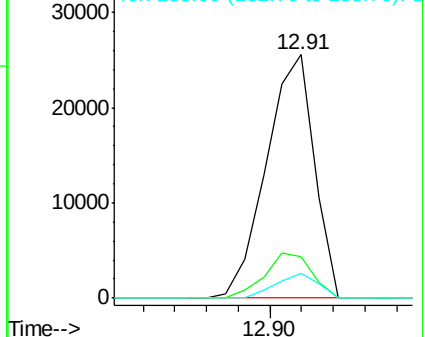
183 10.2 9.3 13.9

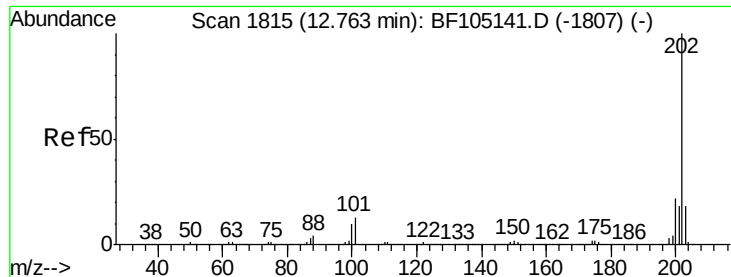


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

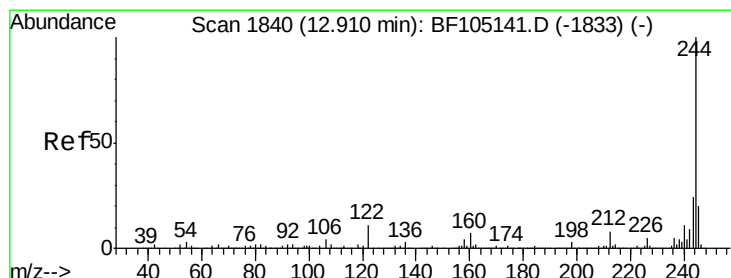
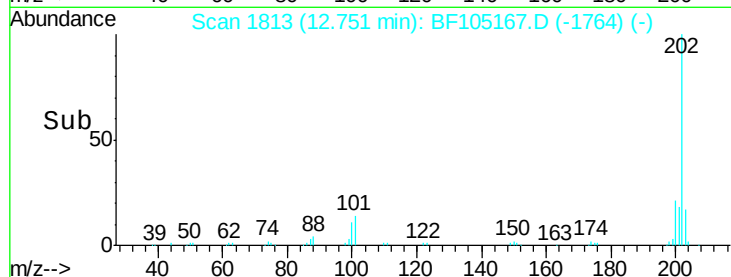
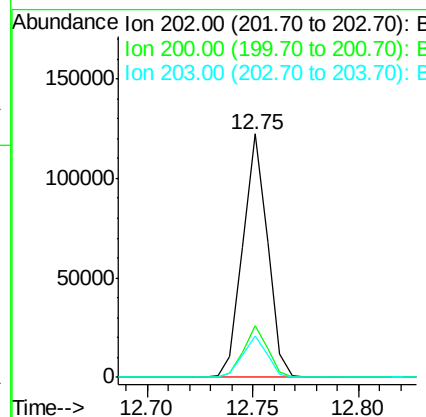
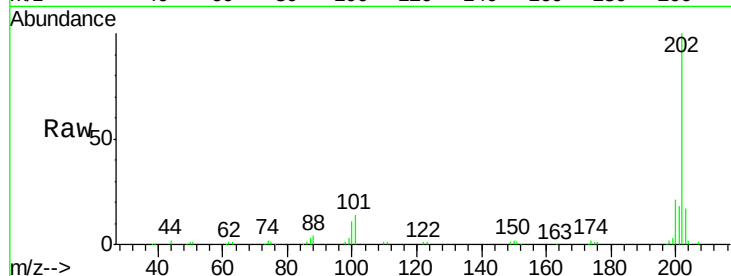




#77
Pvrene
Concen: 2.084 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

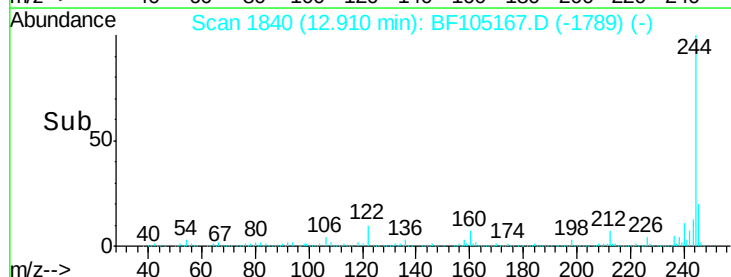
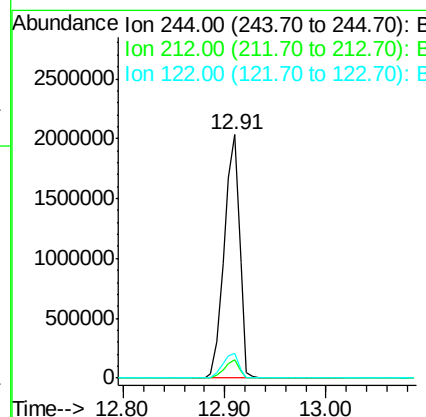
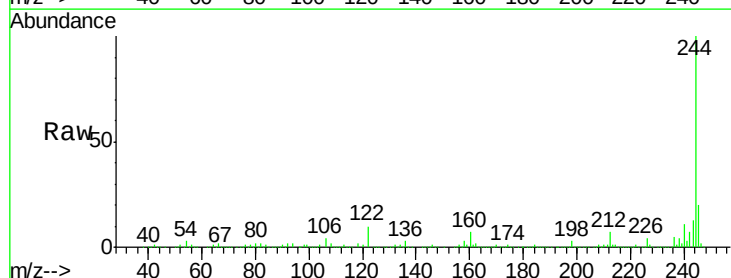
Instrument :
BNA_F
ClientSampleId :

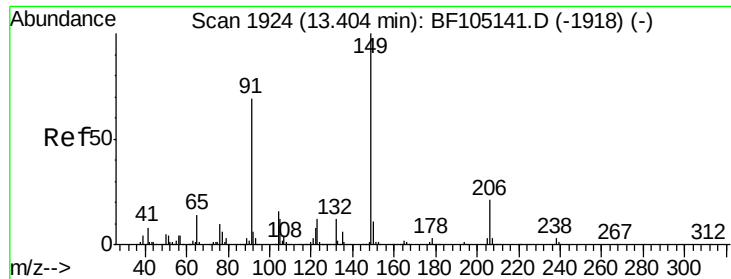
Tot Ion:202 Resp: 98781
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 75.955 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:244 Resp: 2130498
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 9.9 11.0 16.4#

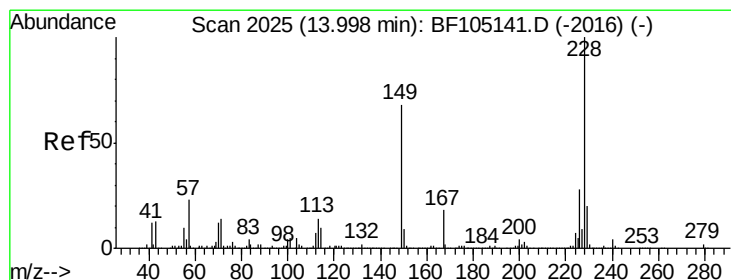
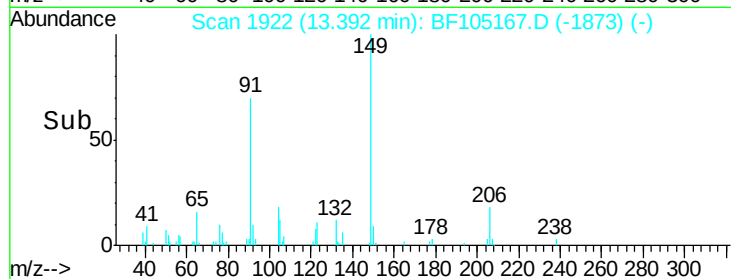
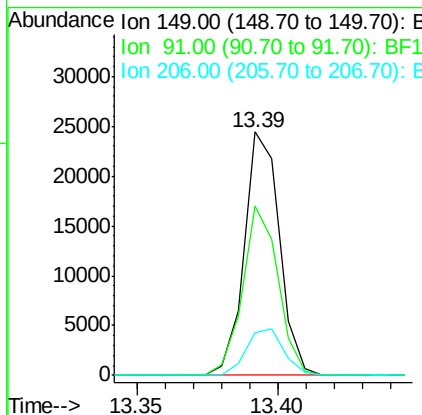
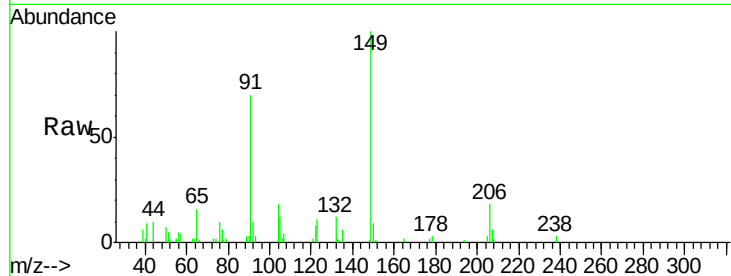




#79
Butylbenzylphthalate
Concen: 7.954 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

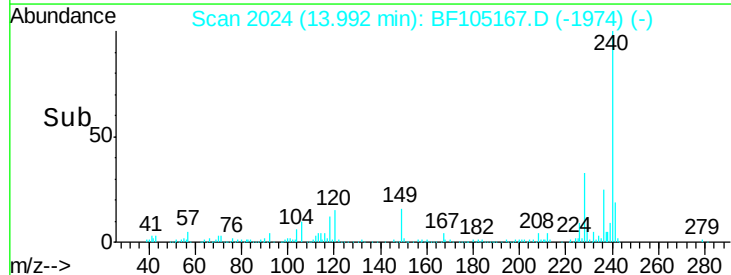
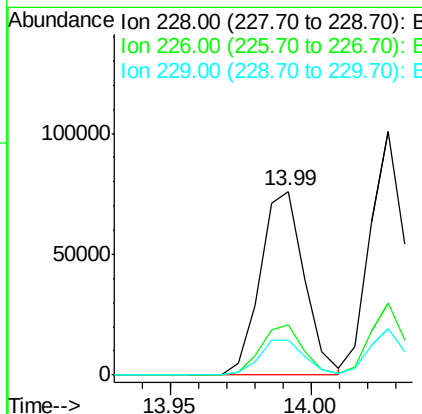
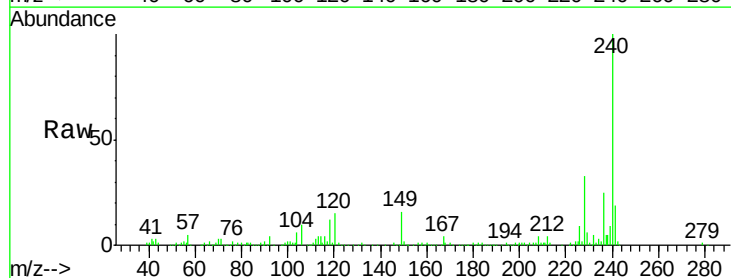
Instrument :
BNA_F
ClientSampleId :

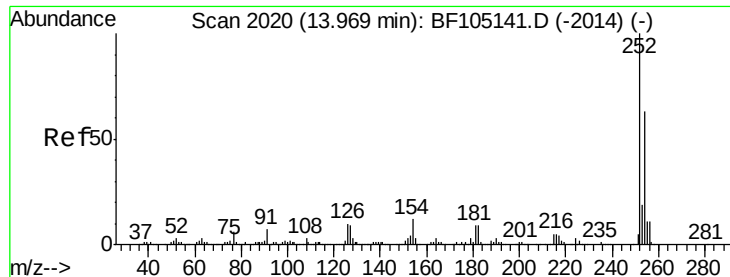
Tot Ion:149 Resp: 21082
Ion Ratio Lower Upper
149 100
91 69.7 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 2.087 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:228 Resp: 82454
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.2 15.8 23.6

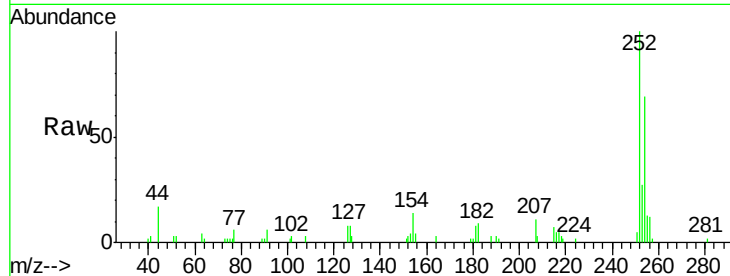




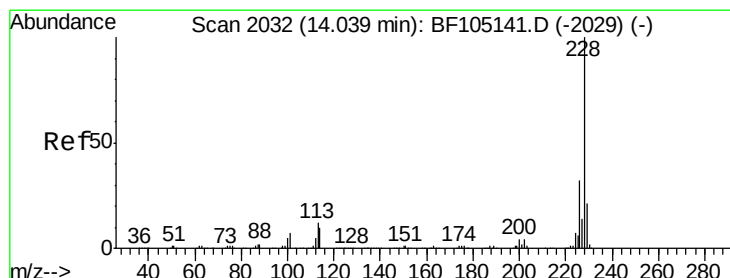
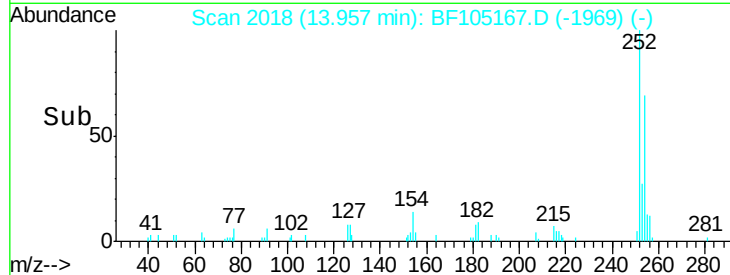
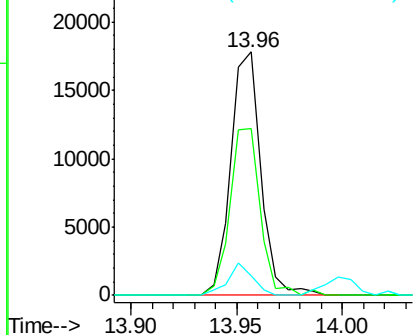
#81
 3,3'-Dichlorobenzidine
 Concen: 1.174 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 17440
 Ion Ratio Lower Upper
 252 100
 254 68.7 50.4 75.6
 126 8.1 11.3 16.9#

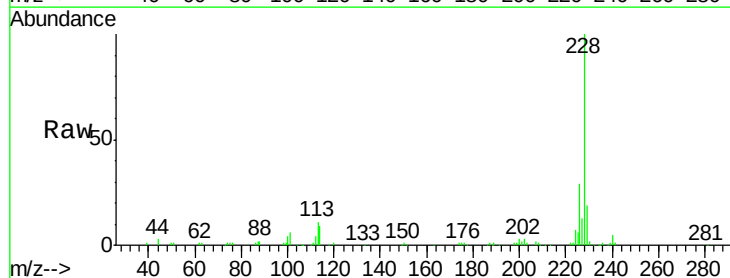


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

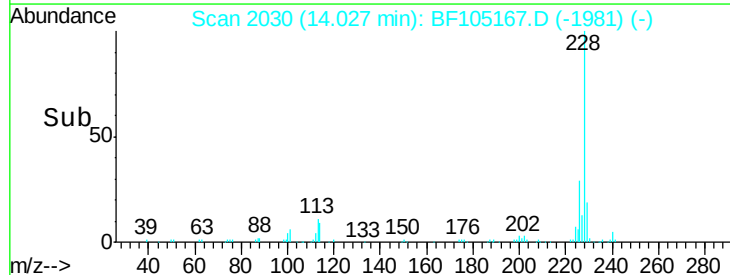
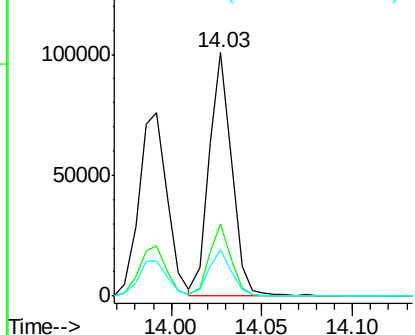


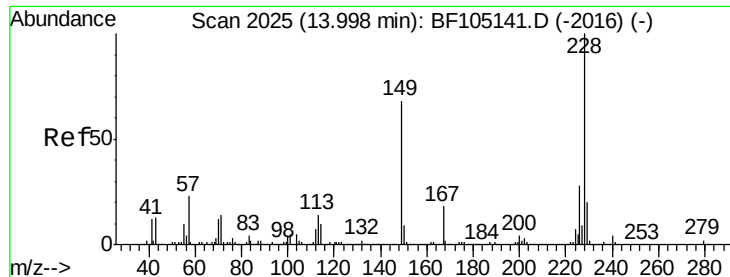
#82
 Chrysene
 Concen: 2.156 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion:228 Resp: 87736
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.0 37.6
 229 19.1 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

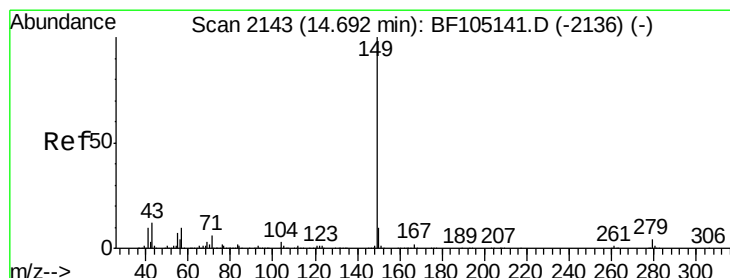
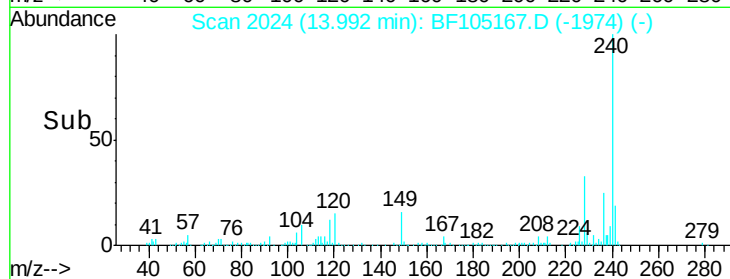
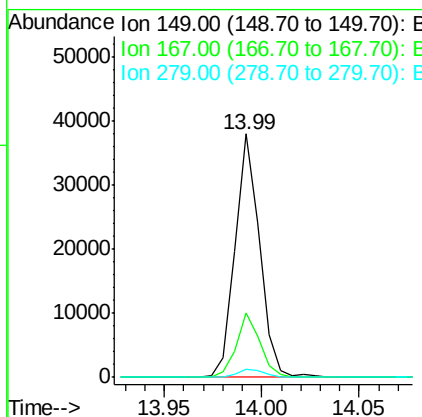
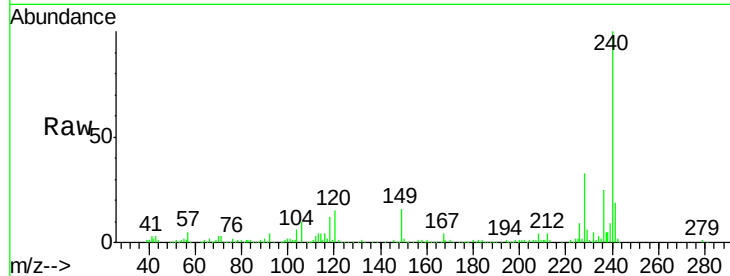




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.688 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

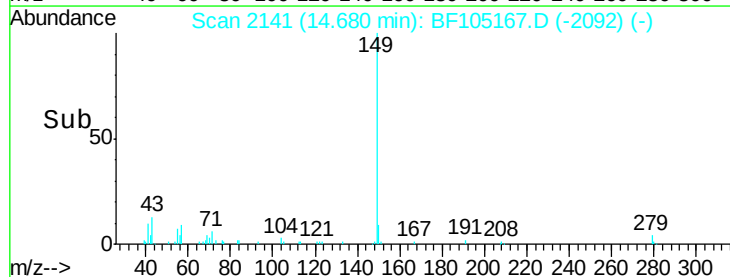
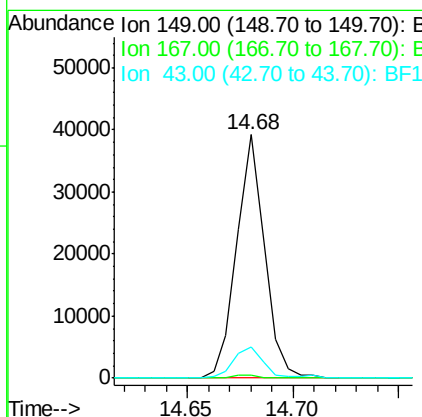
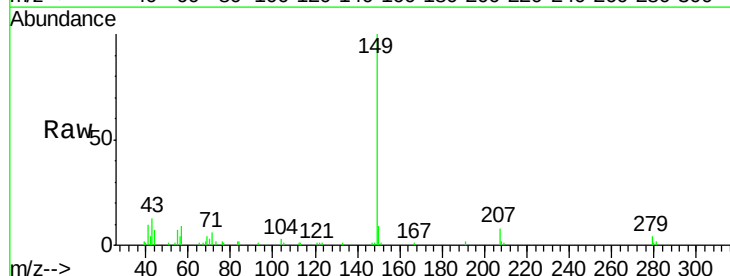
Instrument :
 BNA_F
 ClientSampleId :

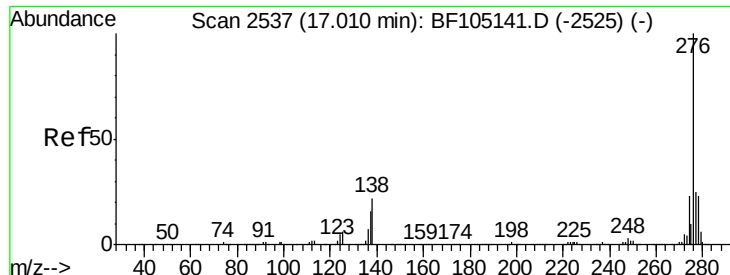
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 7.743 ng
 RT: 14.68 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.9	1.2	1.8#
43	14.4	8.4	12.6#

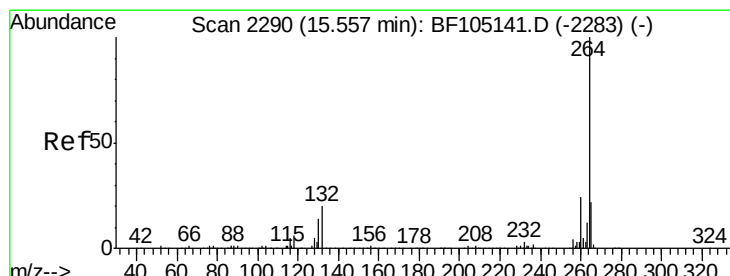
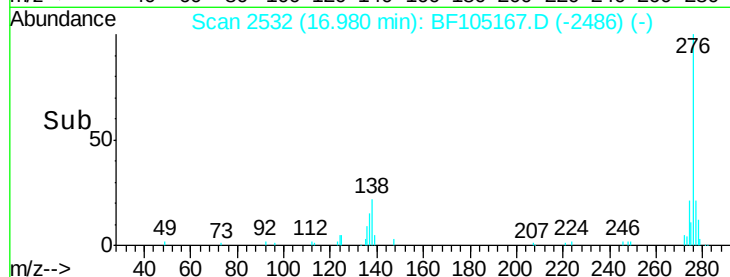
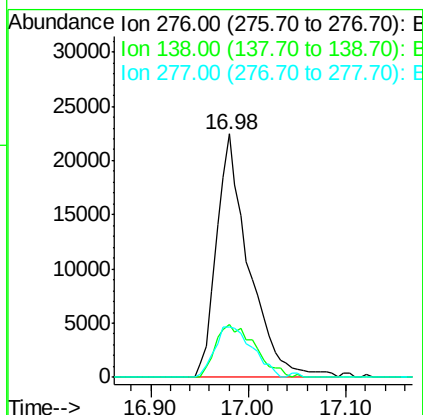
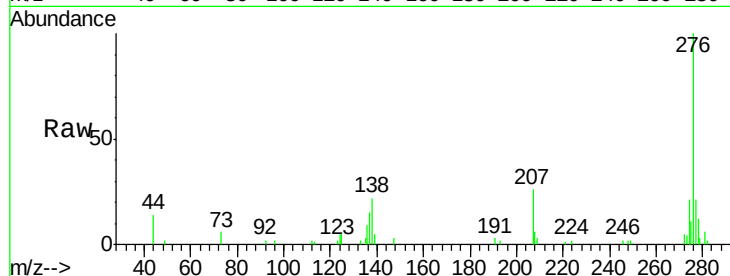




#85
Indeno(1,2,3-cd)pyrene
Concen: 1.598 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.03 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

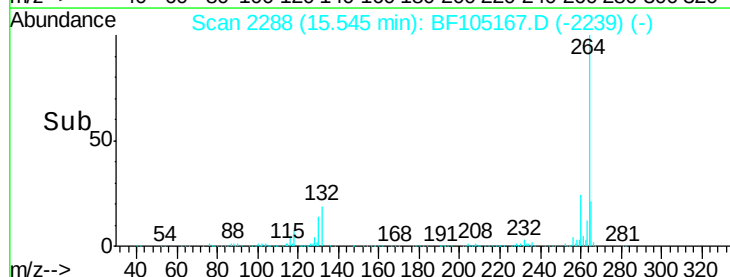
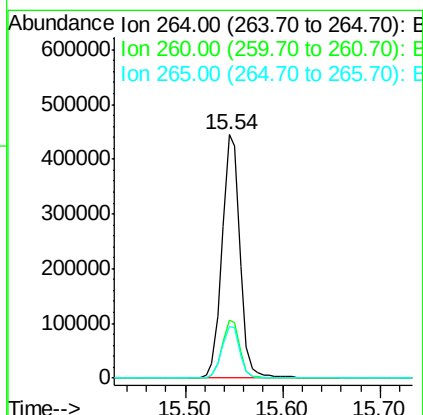
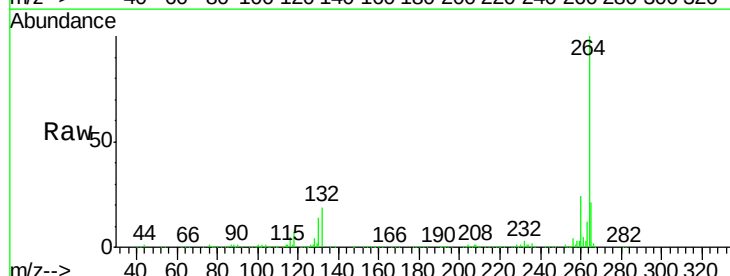
Instrument :
BNA_F
ClientSampleId :

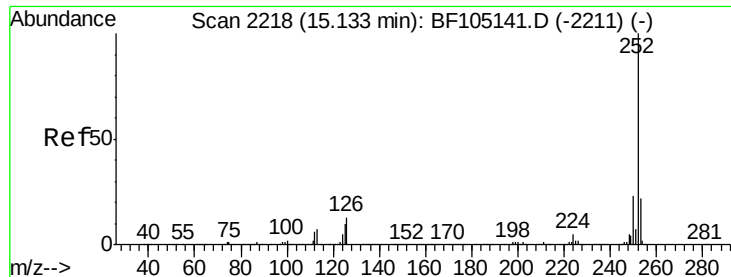
Tot Ion:276 Resp: 51528
Ion Ratio Lower Upper
276 100
138 26.7 25.0 37.6
277 24.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:264 Resp: 567903
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.4 17.5 26.3

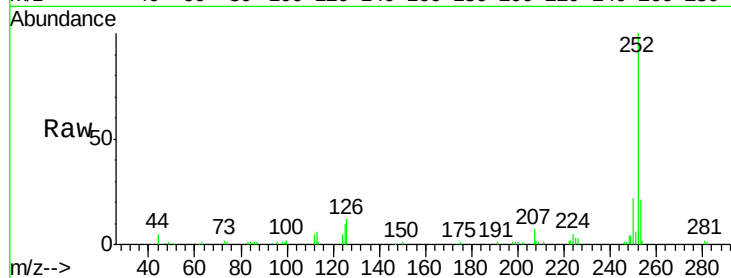




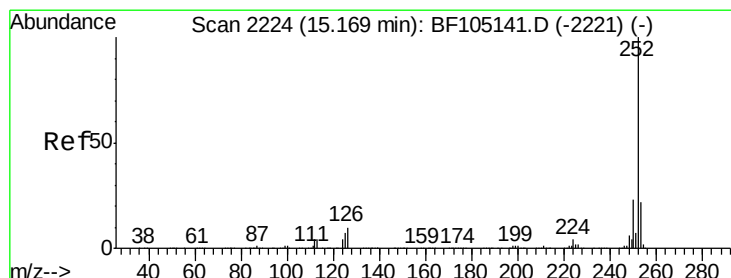
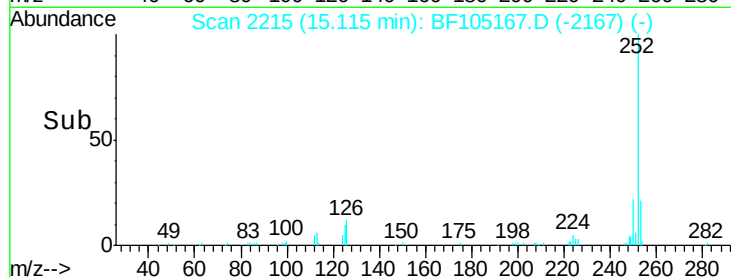
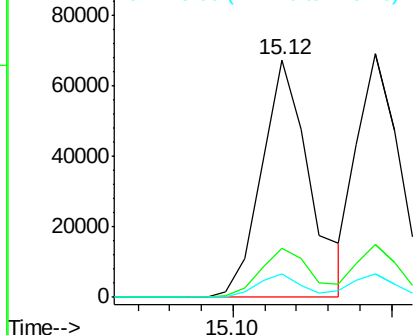
#87
Benzo(b)fluoranthene
Concen: 2.040 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 70866
Ion Ratio Lower Upper
252 100
253 20.6 17.0 25.6
125 10.0 9.0 13.6

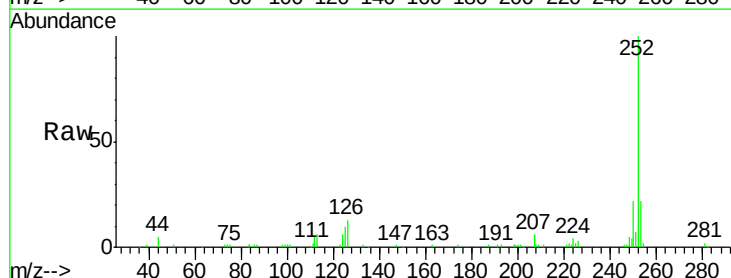


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

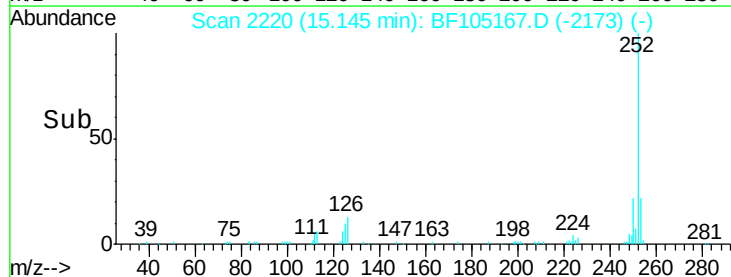
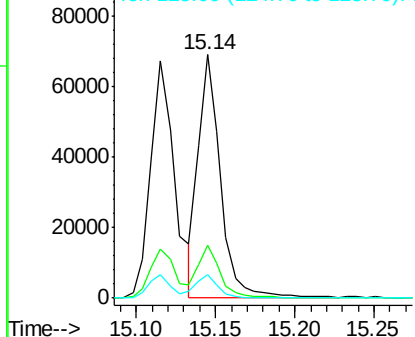


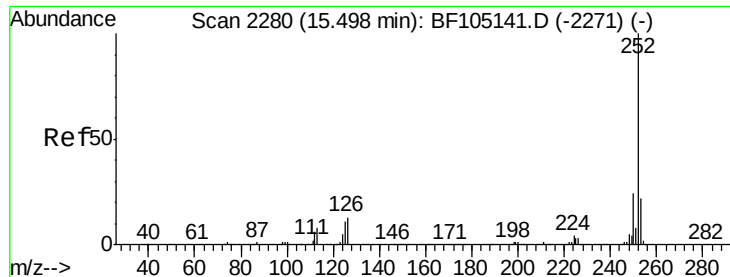
#88
Benzo(k)fluoranthene
Concen: 2.037 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:252 Resp: 68637
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.5 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

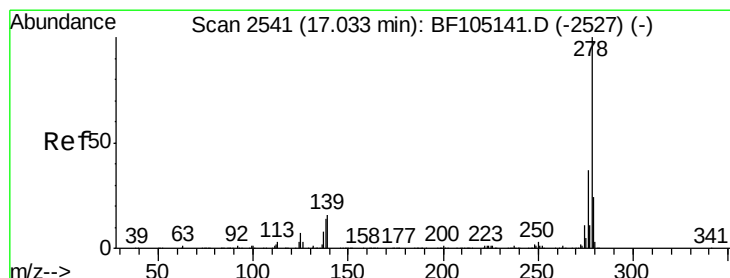
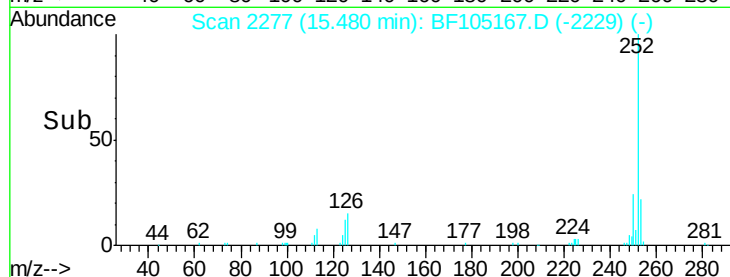
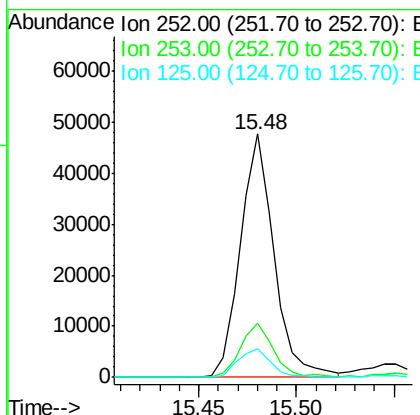
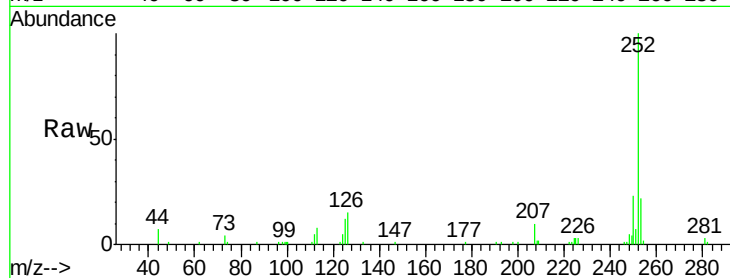




#89
Benzo(a)pyrene
Concen: 1.802 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

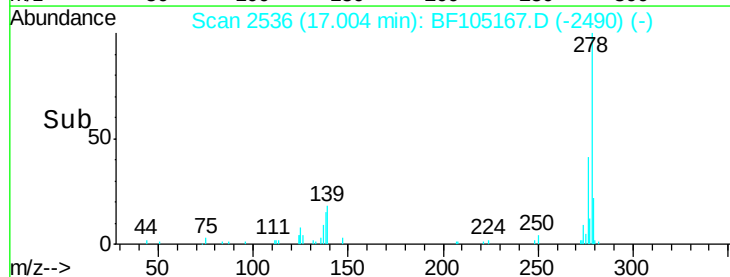
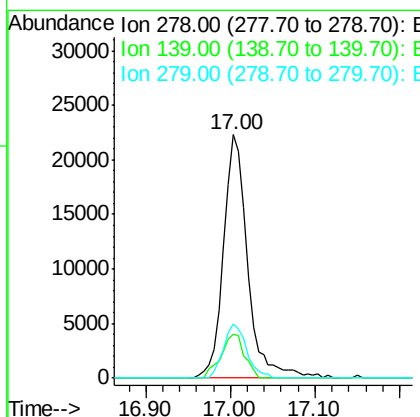
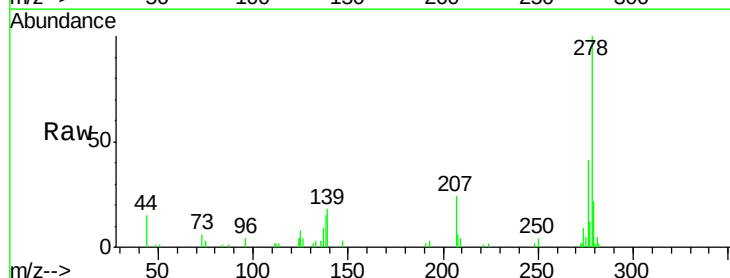
Instrument :
BNA_F
ClientSampleId :

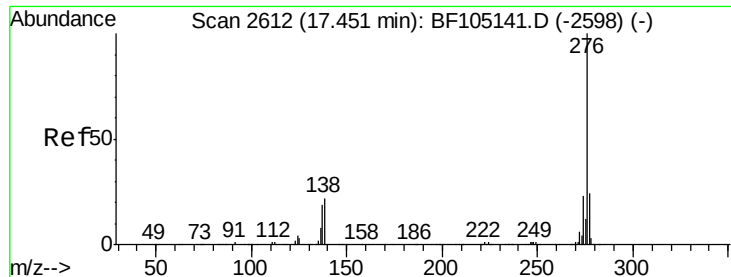
Tot Ion:252 Resp: 56955
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 11.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 1.802 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.03 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:278 Resp: 44225
Ion Ratio Lower Upper
278 100
139 18.0 15.9 23.9
279 22.1 19.0 28.4

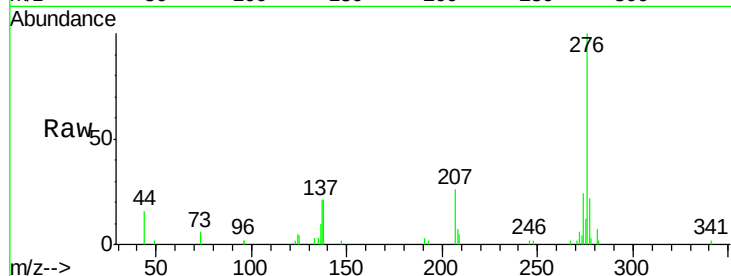




#91
 Benzo(a,h,i)perylene
 Concen: 1.820 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. -0.04 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.8	17.9	26.9
138	21.0	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

