

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105077.D
 Acq On : 3 May 2018 17:21
 Operator : JU/SJ
 Sample : PB108756BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:55:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	91218	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	402132	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	199386	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	379278	20.00	ng	0.00
75) Chrysene-d12	14.03	240	283178	20.00	ng	0.00
86) Perylene-d12	15.60	264	229953	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	841038	140.98	ng	0.01
7) Phenol-d6	6.45	99	982200	134.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	613235	99.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	303495	146.74	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1208301	95.73	ng	-0.01
78) Terphenyl-d14	12.91	244	1303969	104.98	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	96896	34.86	ng	# 86
3) Pyridine	3.30	79	256071	32.76	ng	85
4) n-Nitrosodimethylamine	3.26	42	101111	37.01	ng	# 76
6) Aniline	6.46	93	190567	18.71	ng	# 1
8) 2-Chlorophenol	6.57	128	309777	49.20	ng	94
9) Benzaldehyde	6.33	77	169671	49.58	ng	96
10) Phenol	6.46	94	359450	46.22	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	288702	46.52	ng	93
12) 1,3-Dichlorobenzene	6.72	146	318271	44.62	ng	98
13) 1,4-Dichlorobenzene	6.80	146	329266	46.31	ng	100
14) 1,2-Dichlorobenzene	6.95	146	299299	45.42	ng	98
15) Benzyl Alcohol	6.94	79	231303	41.55	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	311191	37.34	ng	# 1
17) 2-Methylphenol	7.06	107	252523	46.14	ng	# 86
18) Hexachloroethane	7.28	117	118696	46.82	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	202438	42.26	ng	90
20) 3+4-Methylphenols	7.22	107	345055	50.83	ng	97
22) Acetophenone	7.20	105	428450	43.28	ng	# 93
24) Nitrobenzene	7.37	77	311822	45.86	ng	96
25) Isophorone	7.61	82	579719	44.52	ng	99
26) 2-Nitrophenol	7.69	139	177324	64.06	ng	96
27) 2,4-Dimethylphenol	7.73	122	280534	48.81	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	371774	46.69	ng	99
29) 2,4-Dichlorophenol	7.94	162	281405	51.32	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	272224	45.23	ng	99
31) Naphthalene	8.09	128	895769	44.73	ng	99
32) Benzoic acid	7.90	122	199420	43.49	ng	97
33) 4-Chloroaniline	8.16	127	48096	5.61	ng	# 93
34) Hexachlorobutadiene	8.19	225	151936	46.09	ng	99
35) Caprolactam	8.53	113	53783	28.11	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	298018	50.68	ng	99
37) 2-Methylnaphthalene	8.78	142	608605	46.99	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	268377	47.02	ng	99
40) Hexachlorocyclopentadiene	8.93	237	223376	69.91	ng	97

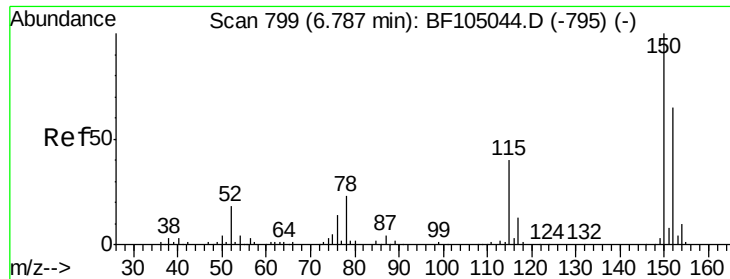
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105077.D
 Acq On : 3 May 2018 17:21
 Operator : JU/SJ
 Sample : PB108756BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:55:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	190407	48.06	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	198298	44.72	ng	96
45) 1,1'-Biphenyl	9.25	154	741750	44.28	ng	99
46) 2-Chloronaphthalene	9.27	162	588372	44.47	ng	99
47) 2-Nitroaniline	9.39	65	166957	51.03	ng	85
48) Acenaphthylene	9.69	152	861518	41.50	ng	100
49) Dimethylphthalate	9.55	163	746140	47.45	ng	100
50) 2,6-Dinitrotoluene	9.62	165	163212	56.10	ng	99
51) Acenaphthene	9.86	154	521495	41.18	ng	99
52) 3-Nitroaniline	9.80	138	54478	15.99	ng	99
53) 2,4-Dinitrophenol	9.92	184	166501	114.80	ng	# 20
54) Dibenzofuran	10.03	168	753376	42.68	ng	96
55) 4-Nitrophenol	9.99	139	183628	68.63	ng	96
56) 2,4-Dinitrotoluene	10.03	165	197698	51.80	ng	# 88
57) Fluorene	10.37	166	646466	50.32	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	170047	51.41	ng	93
59) Diethylphthalate	10.25	149	718456	45.88	ng	98
60) 4-Chlorophenyl-phenylether	10.36	204	302655	52.90	ng	99
61) 4-Nitroaniline	10.43	138	157855	47.40	ng	94
62) Azobenzene	10.53	77	626624	41.89	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	114413	59.81	ng	79
65) n-Nitrosodiphenylamine	10.49	169	577794	43.94	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	190002	47.10	ng	91
67) Hexachlorobenzene	10.92	284	210173	46.30	ng	96
68) Atrazine	11.02	200	174019	43.84	ng	98
69) Pentachlorophenol	11.13	266	191781	68.29	ng	98
70) Phenanthrene	11.35	178	936301	44.33	ng	98
71) Anthracene	11.40	178	970238	45.19	ng	99
72) Carbazole	11.56	167	891461	42.49	ng	99
73) Di-n-butylphthalate	11.87	149	1151371	44.92	ng	99
74) Fluoranthene	12.54	202	980572	44.43	ng	96
76) Benzidine	12.67	184	198058	16.52	ng	97
77) Pyrene	12.77	202	974855	46.44	ng	100
79) Butylbenzylphthalate	13.40	149	472356	47.77	ng	98
80) Benzo(a)anthracene	14.02	228	838771	49.58	ng	98
81) 3,3'-Dichlorobenzidine	13.98	252	110056	17.45	ng	97
82) Chrysene	14.06	228	803522	46.24	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	654081	51.42	ng	98
84) Di-n-octyl phthalate	14.69	149	1045872	49.21	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.10	276	628092	42.55	ng	95
87) Benzo(b)fluoranthene	15.17	252	686512	47.27	ng	98
88) Benzo(k)fluoranthene	15.20	252	697695	50.88	ng	99
89) Benzo(a)pyrene	15.54	252	636652	48.99	ng	98
90) Dibenzo(a,h)anthracene	17.11	278	523172	49.02	ng	96
91) Benzo(g,h,i)perylene	17.54	276	520781	50.37	ng	95

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

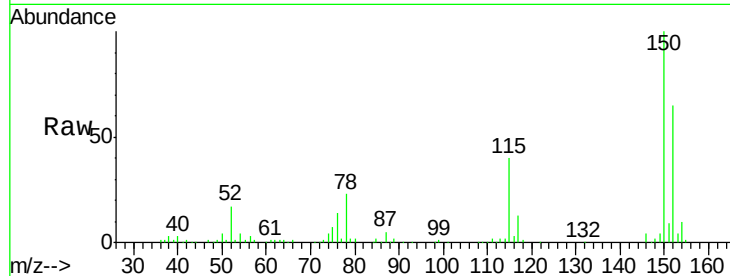


#1

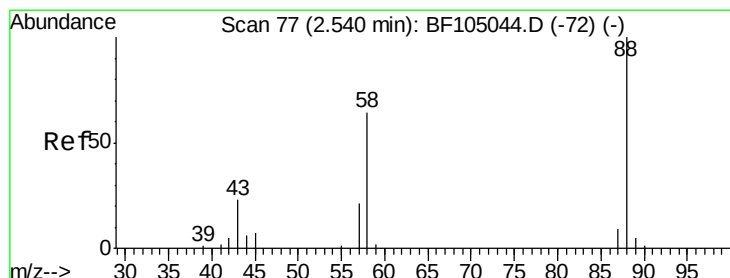
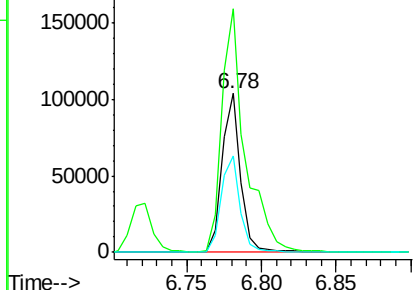
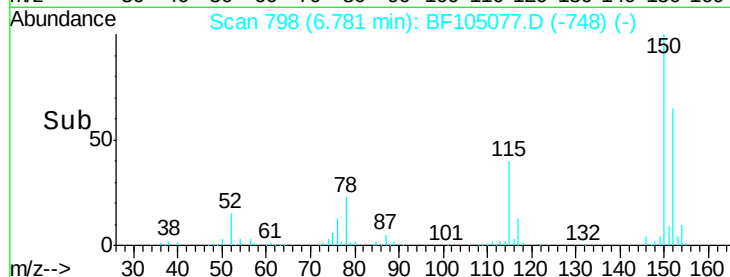
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91218
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 60.8 50.1 75.1



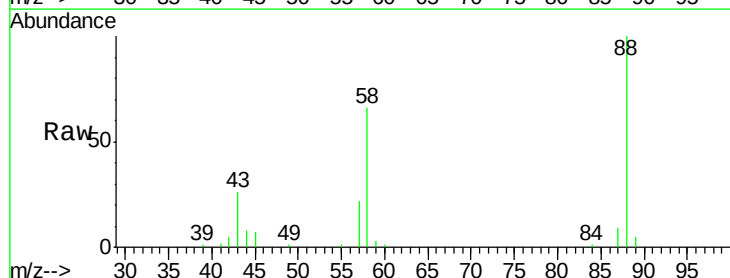
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



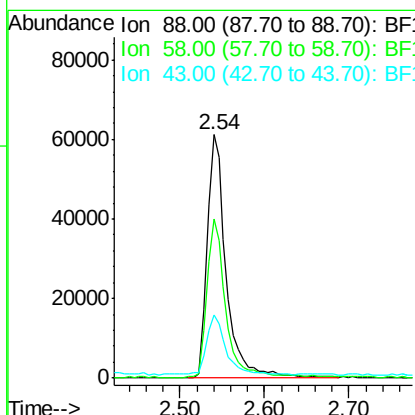
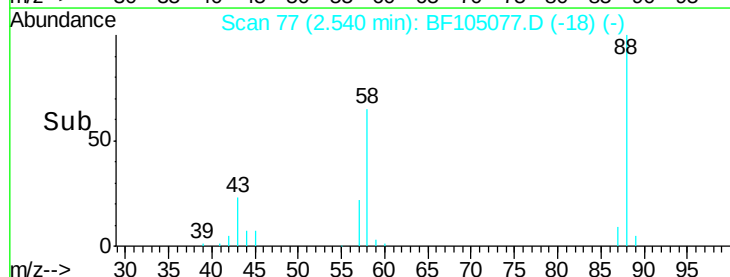
#2

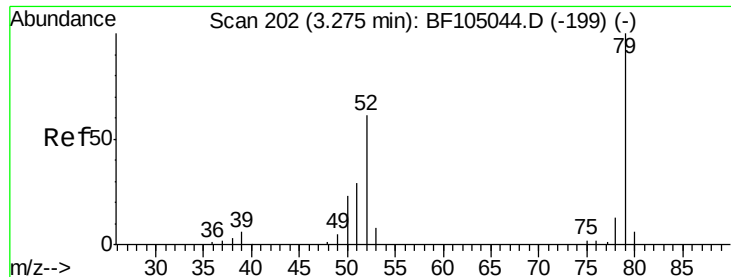
1,4-Dioxane
Concen: 34.86 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.05 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion: 88 Resp: 96896
Ion Ratio Lower Upper
88 100
58 65.6 62.6 93.8
43 23.7 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

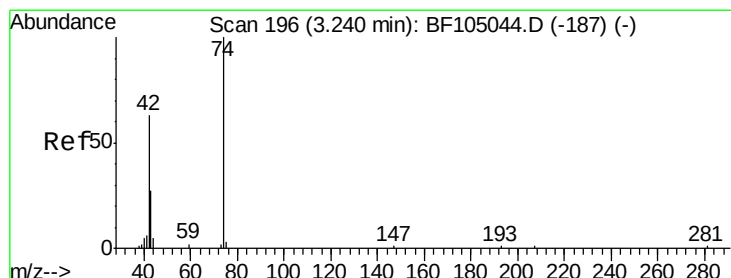
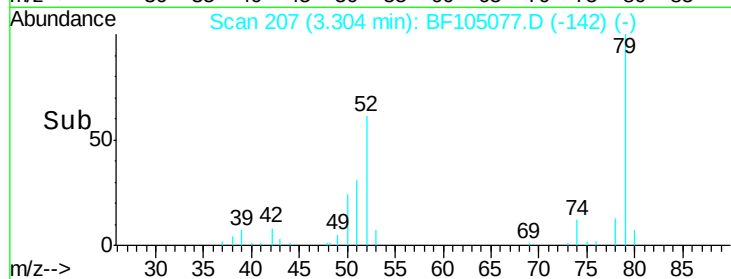
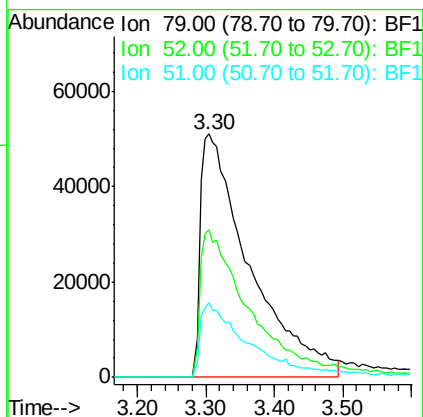
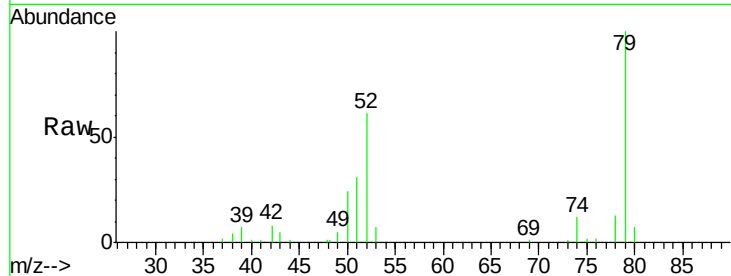




#3
 Pvridine
 Concen: 32.76 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.08 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

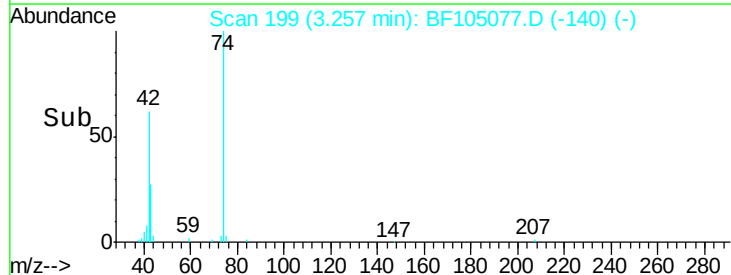
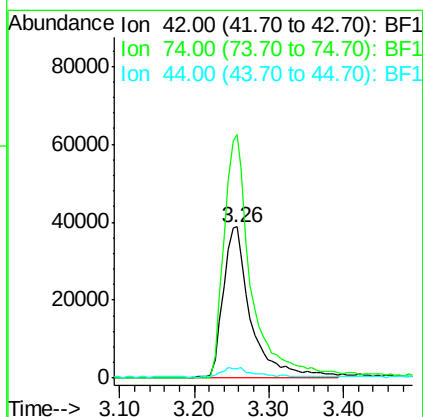
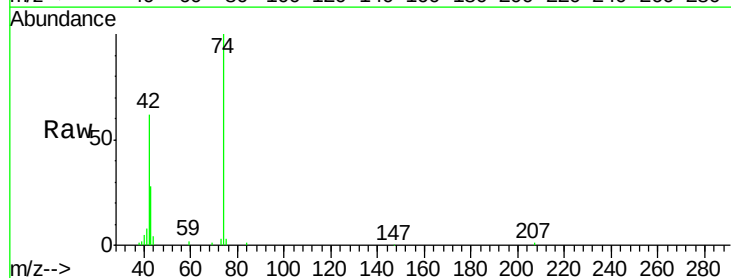
Instrument :
 BNA_F
 ClientSampleId :

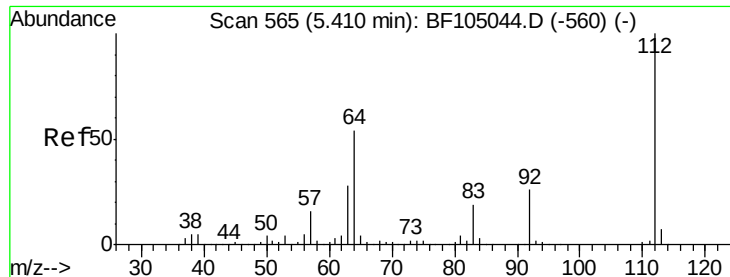
Tot Ion: 79 Resp: 256071
 Ion Ratio Lower Upper
 79 100
 52 60.7 59.8 89.6
 51 30.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.01 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.05 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion: 42 Resp: 101111
 Ion Ratio Lower Upper
 42 100
 74 160.9 104.9 157.3#
 44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 140.98 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF105077.D

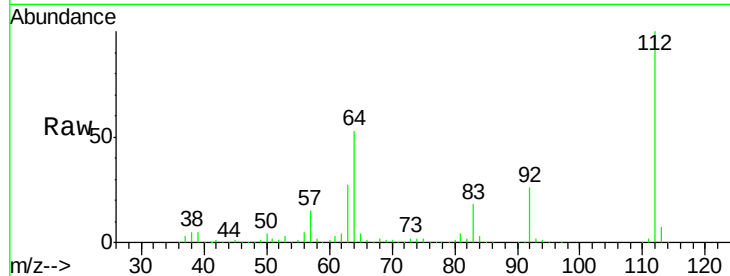
Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

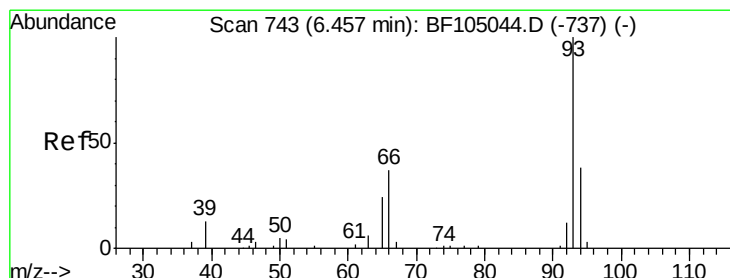
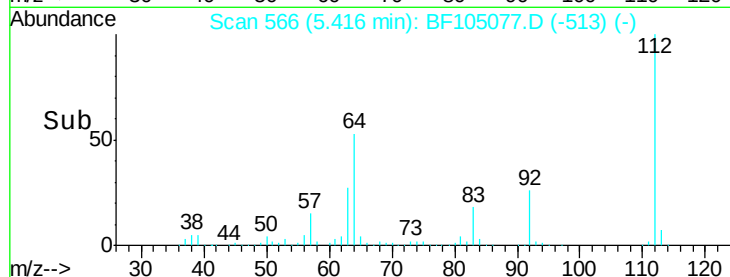
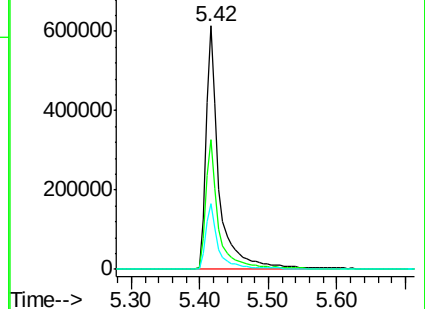
Tot Ion:	112	Resp:	841038
Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	27.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.71 ng

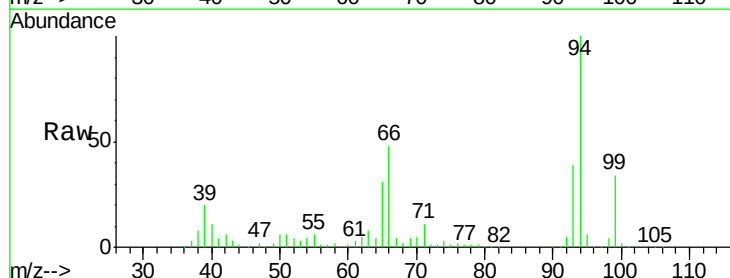
RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

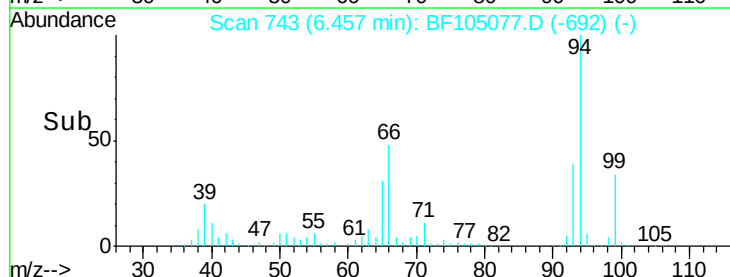
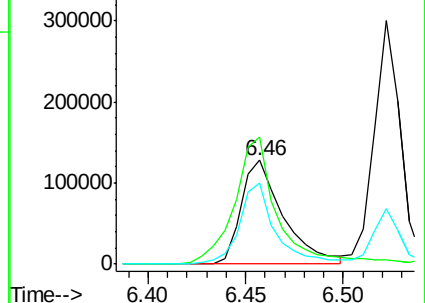
Tgt Ion:	93	Resp:	190567
Ion	Ratio	Lower	Upper
93	100		
66	123.0	32.2	48.2#
65	78.8	16.4	24.6#

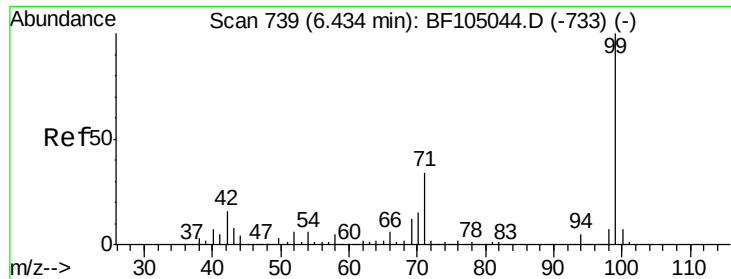


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.00 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampled :

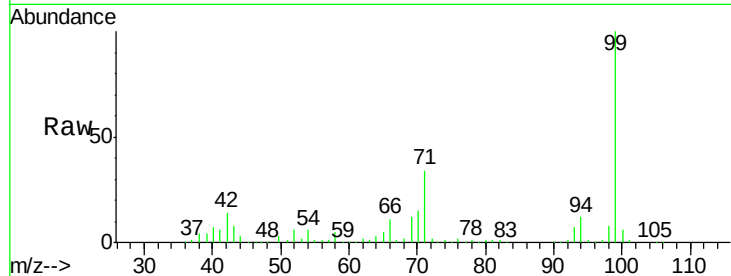
Tot Ion: 99 Resp: 982200

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

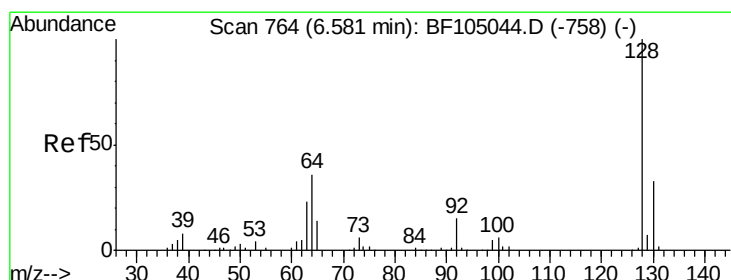
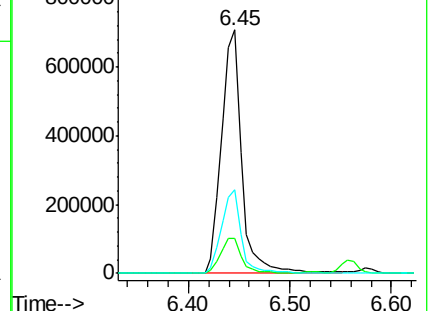
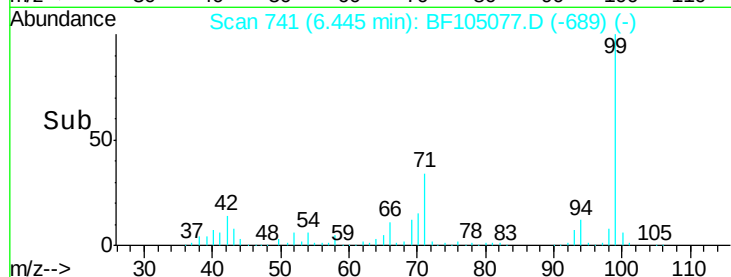
71 34.2 25.4 38.0



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: 49.20 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

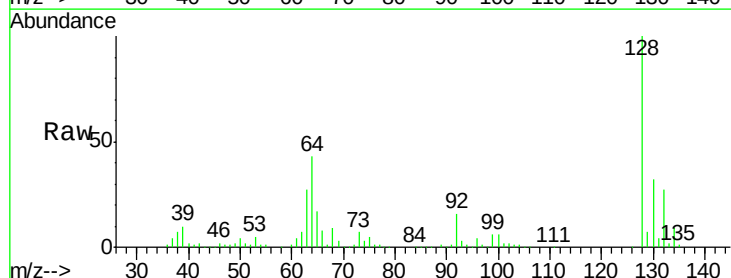
Tgt Ion: 128 Resp: 309777

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

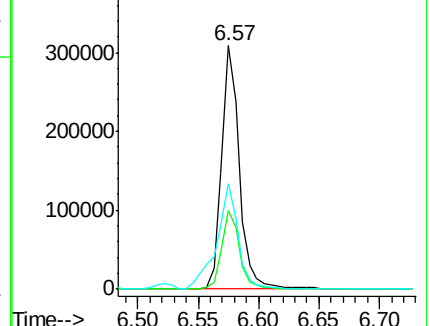
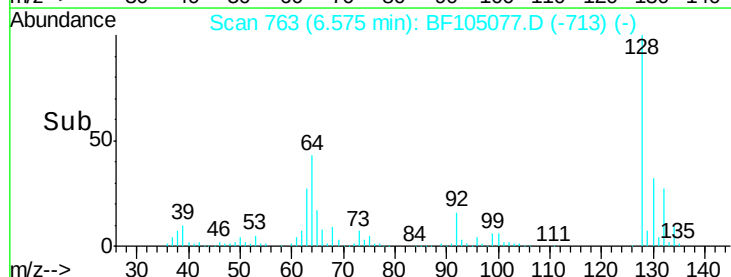
64 43.5 29.4 69.4

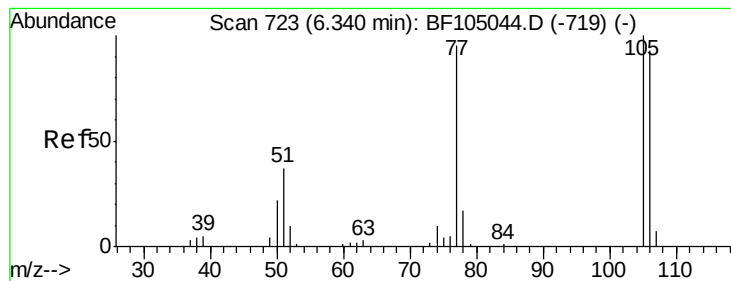


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 49.58 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

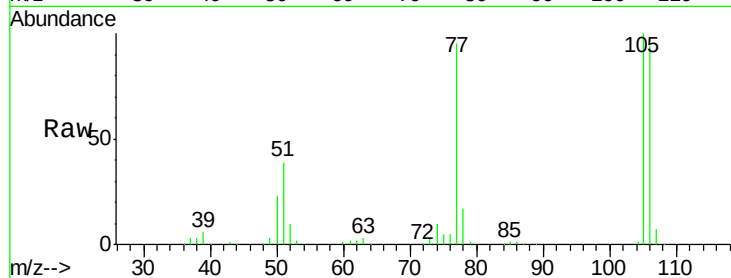
Tot Ion: 77 Resp: 169671

Ion Ratio Lower Upper

77 100

105 105.6 81.1 121.1

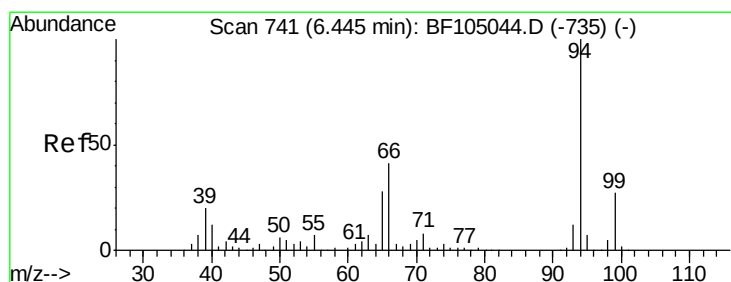
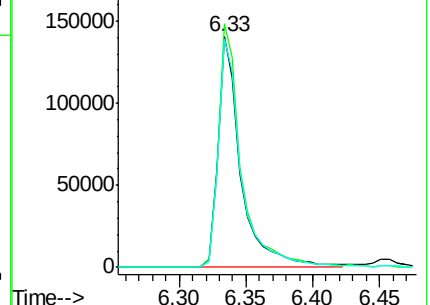
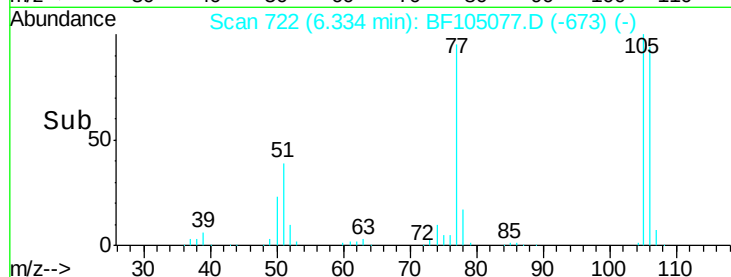
106 98.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.22 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

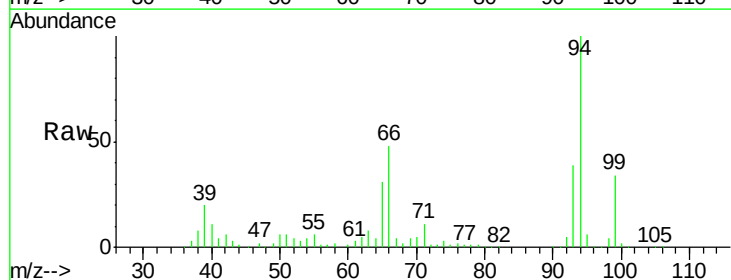
Tgt Ion: 94 Resp: 359450

Ion Ratio Lower Upper

94 100

65 31.0 7.9 47.9

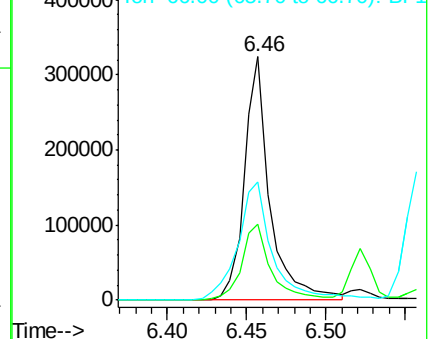
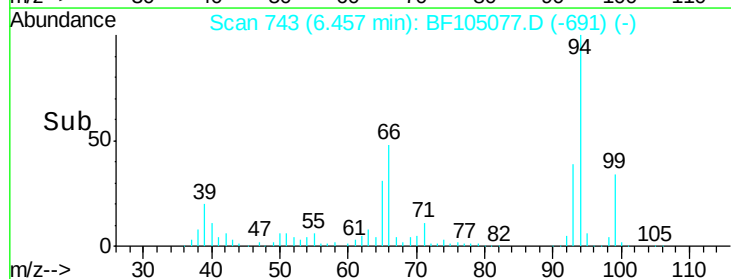
66 48.5 16.2 56.2

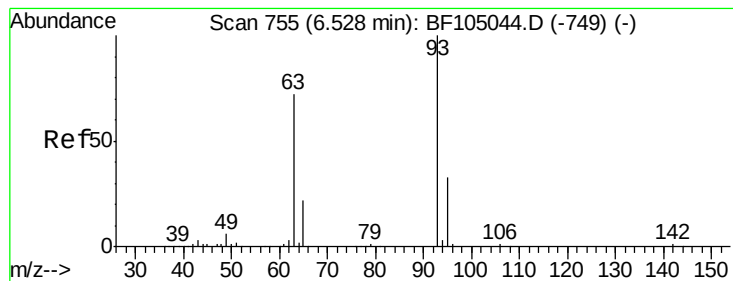


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

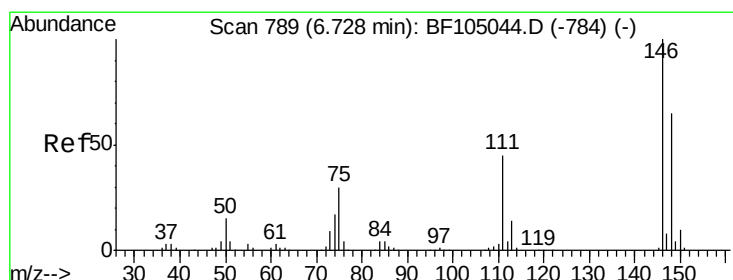
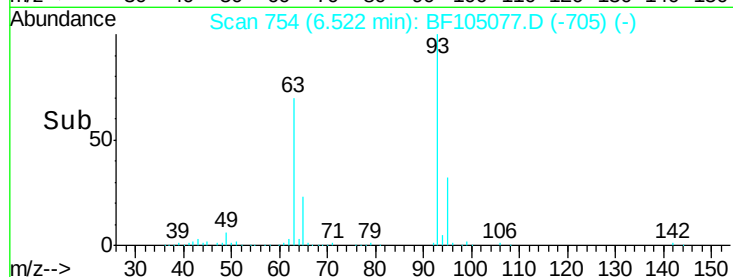
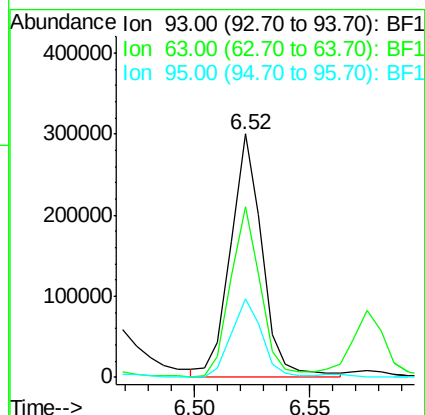
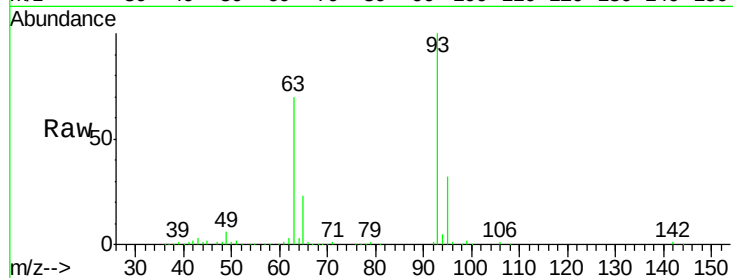




#11
bis(2-Chloroethyl)ether
Concen: 46.52 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

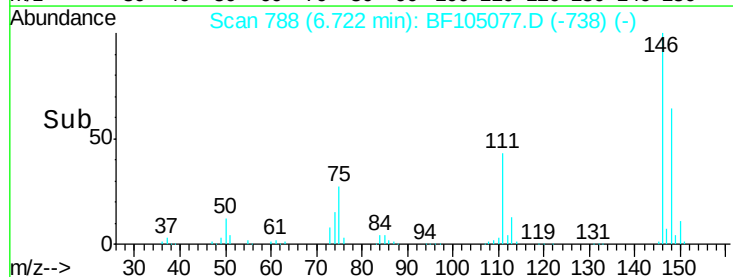
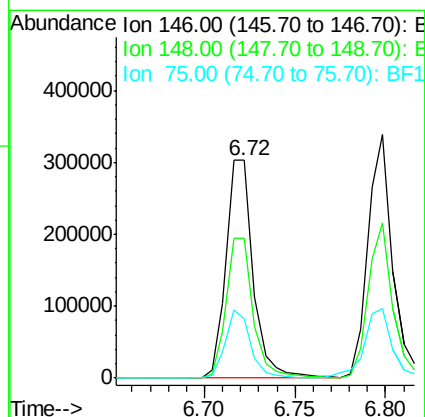
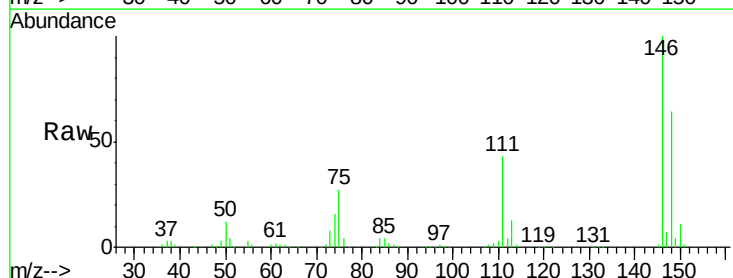
Instrument :
BNA_F
ClientSampleId :

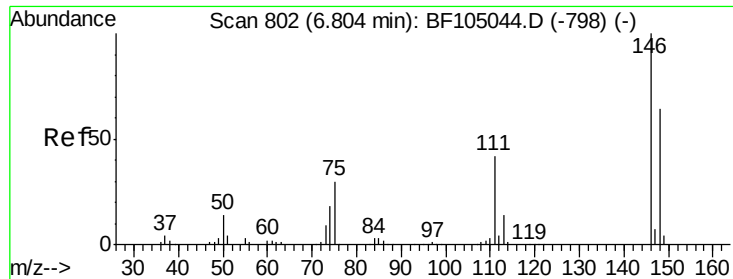
Tot Ion: 93 Resp: 288702
Ion Ratio Lower Upper
93 100
63 70.1 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.62 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion: 146 Resp: 318271
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 27.0 24.2 36.4

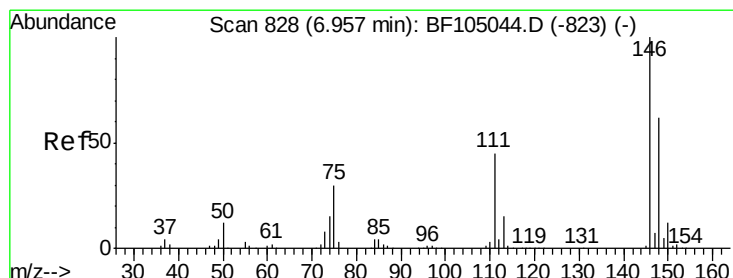
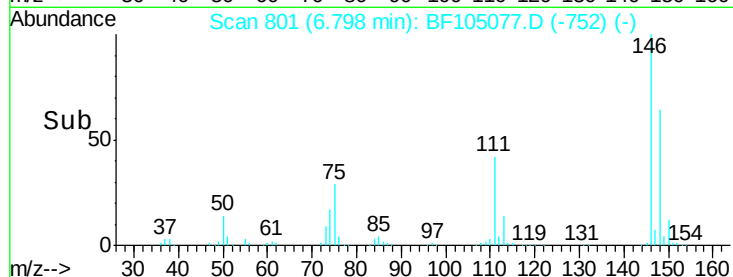
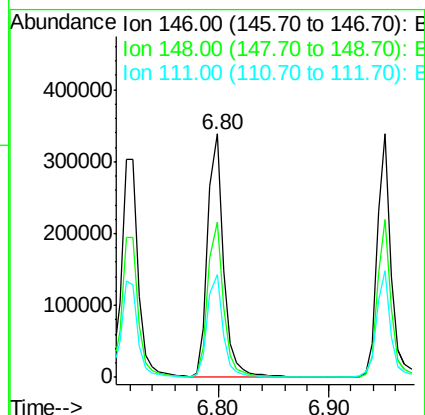
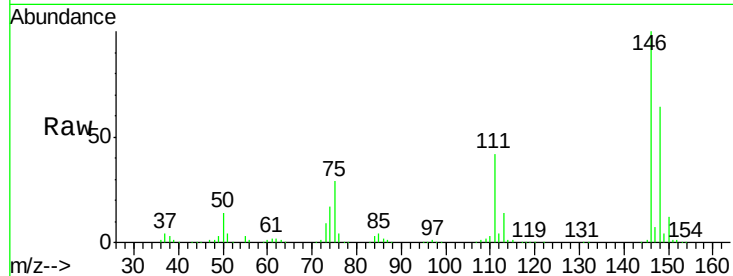




#13
 1,4-Dichlorobenzene
 Concen: 46.31 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

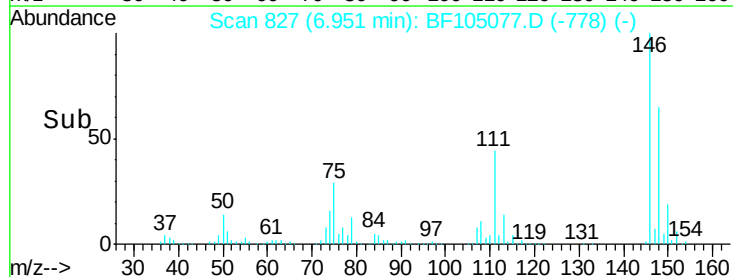
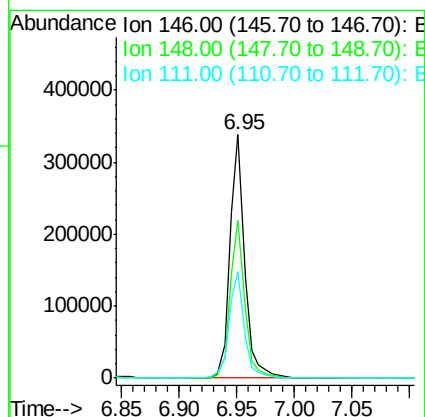
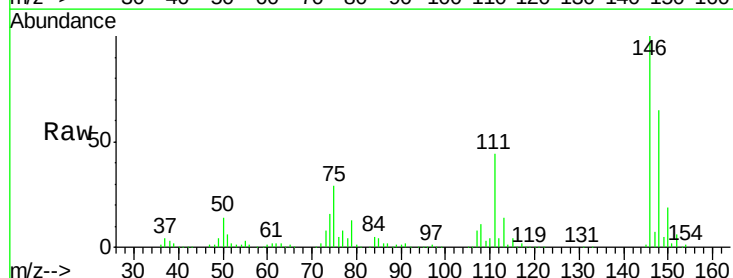
Instrument :
 BNA_F
 ClientSampleId :

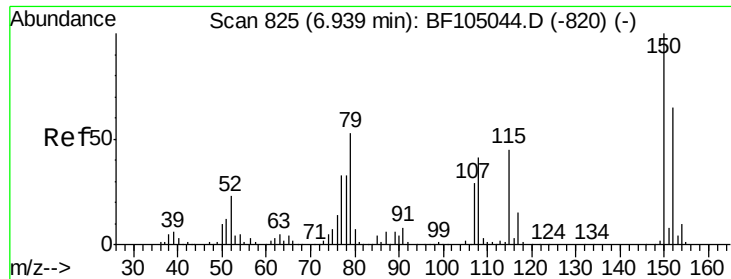
Tot Ion:146 Resp: 329266
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 42.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 45.42 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion:146 Resp: 299299
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 43.8 36.0 54.0

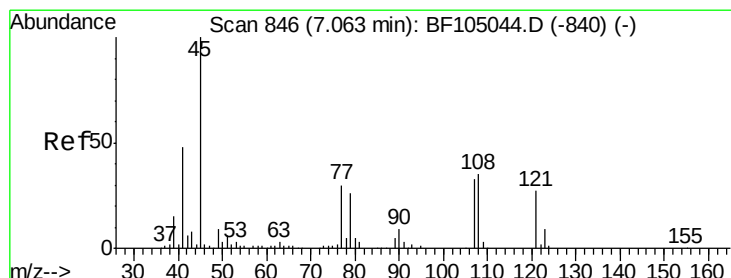
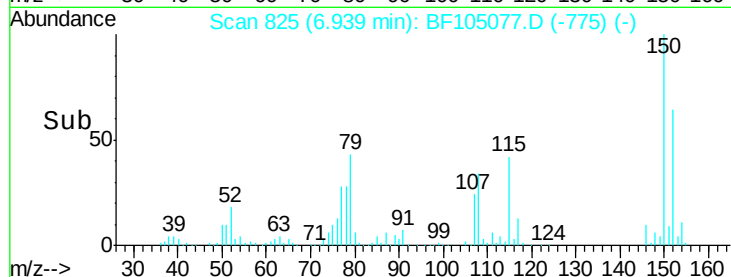
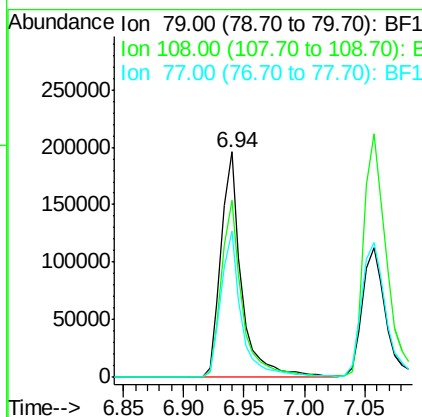
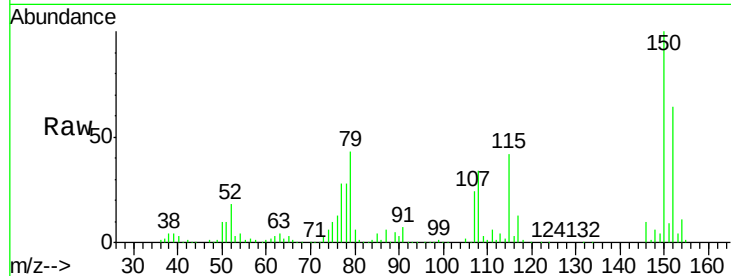




#15
Benzyl Alcohol
Concen: 41.55 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

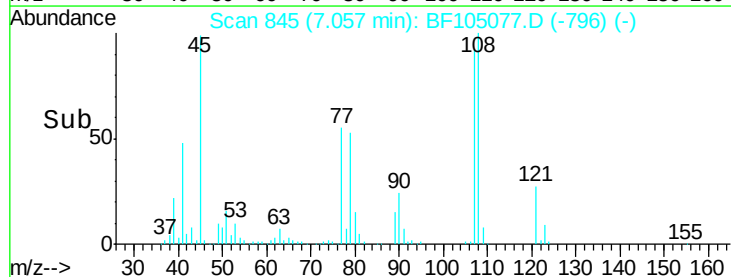
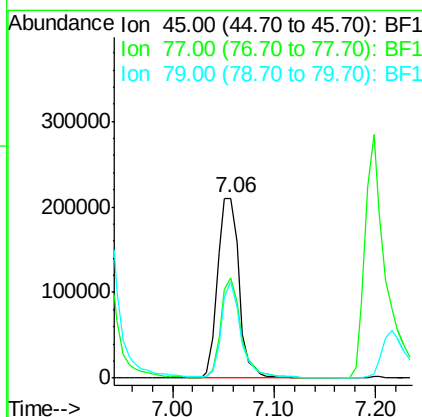
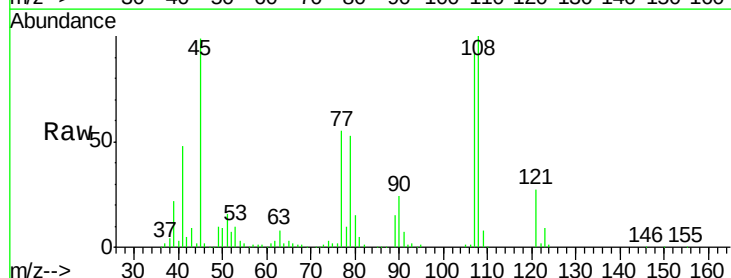
Instrument :
BNA_F
ClientSampleId :

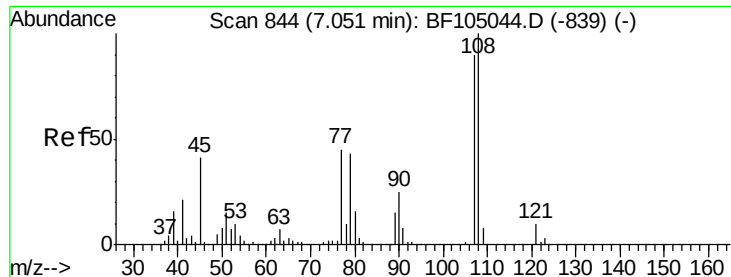
Tot Ion: 79 Resp: 231303
Ion Ratio Lower Upper
79 100
108 78.6 65.1 97.7
77 65.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.34 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion: 45 Resp: 311191
Ion Ratio Lower Upper
45 100
77 55.8 0.0 32.9#
79 53.4 0.0 29.6#





#17

2-Methylphenol

Concen: 46.14 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 252523

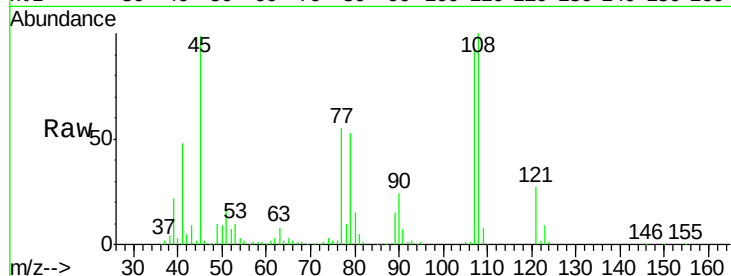
Ion Ratio Lower Upper

107 100

108 108.7 91.7 137.5

77 60.3 33.8 50.8#

79 57.7 33.8 50.8#

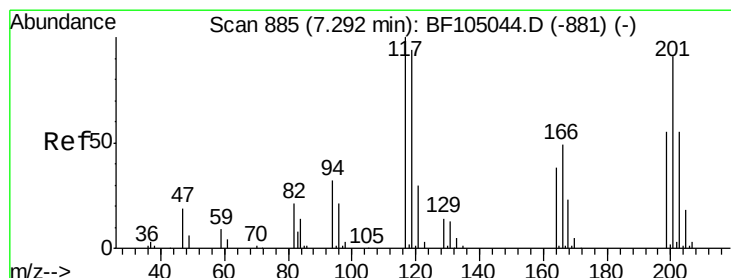
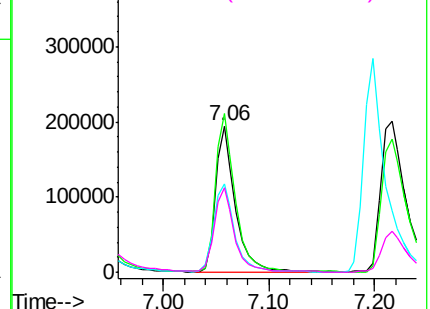
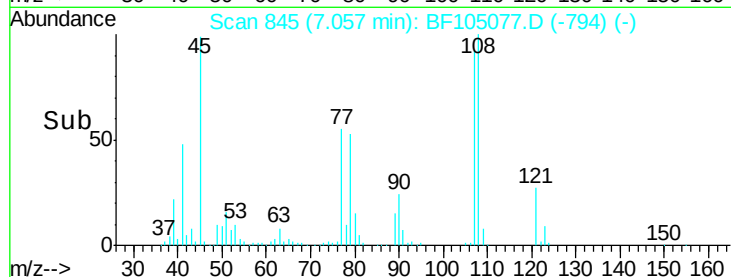


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.82 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

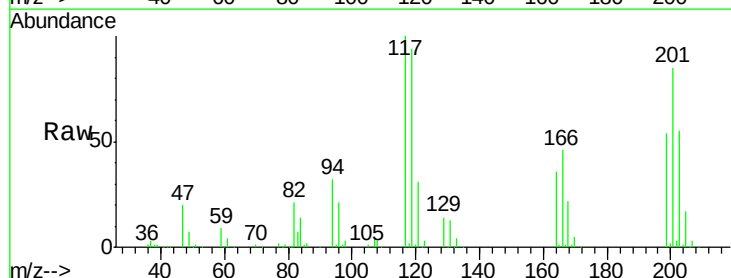
Tgt Ion:117 Resp: 118696

Ion Ratio Lower Upper

117 100

119 93.7 75.8 113.8

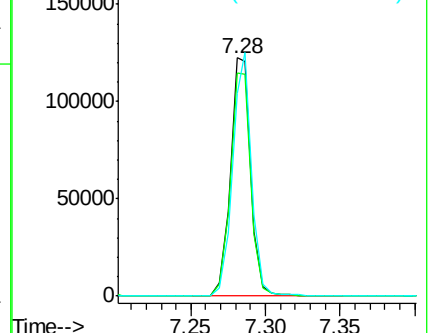
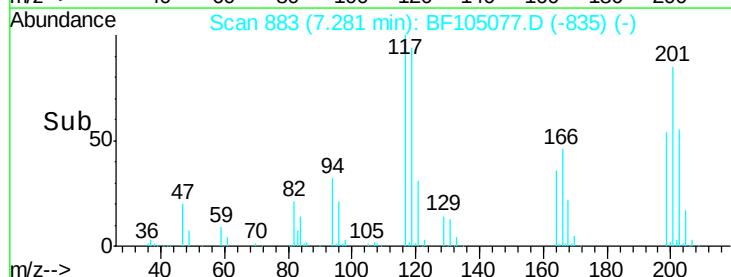
201 85.0 75.7 113.5

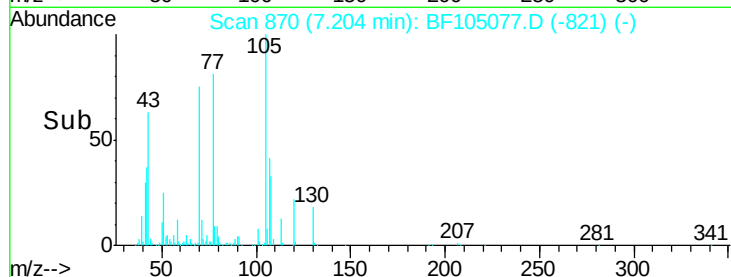
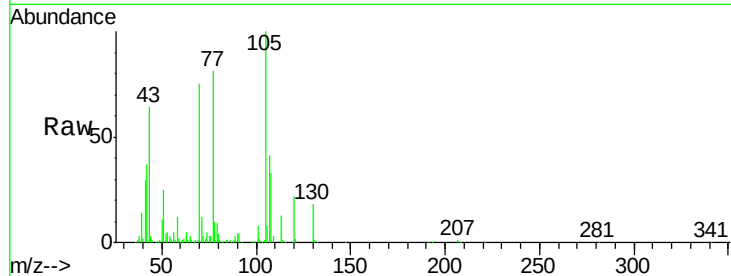
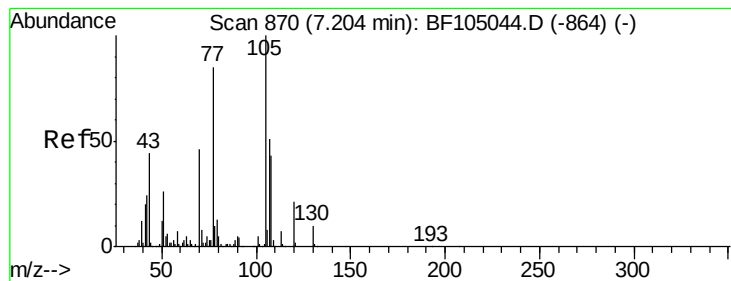


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.26 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 202438

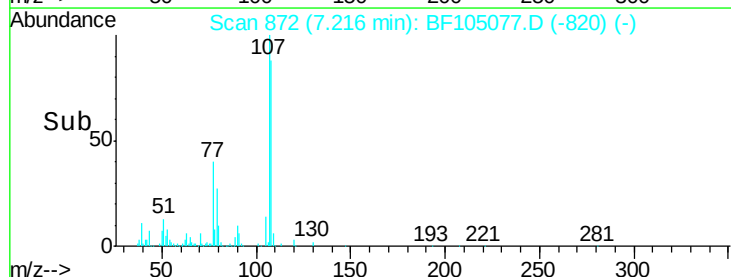
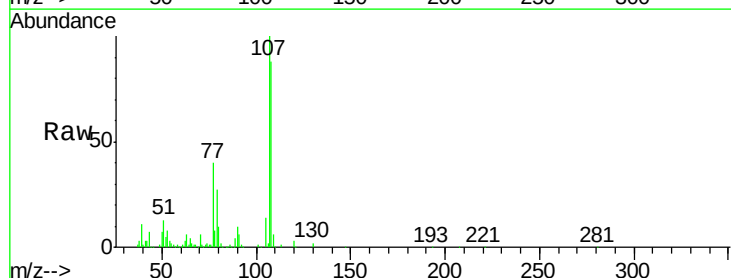
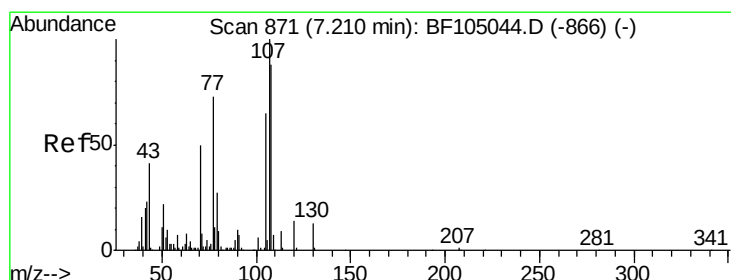
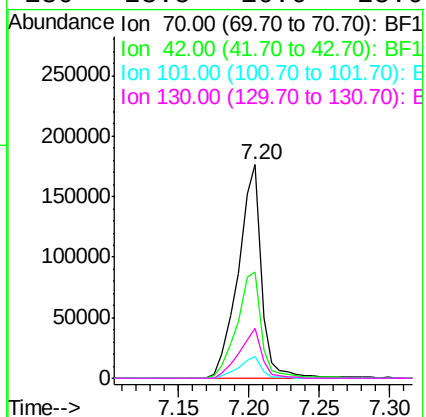
Ion Ratio Lower Upper

70 100

42 49.9 47.5 71.3

101 10.3 7.4 11.2

130 23.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 50.83 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion: 107 Resp: 345055

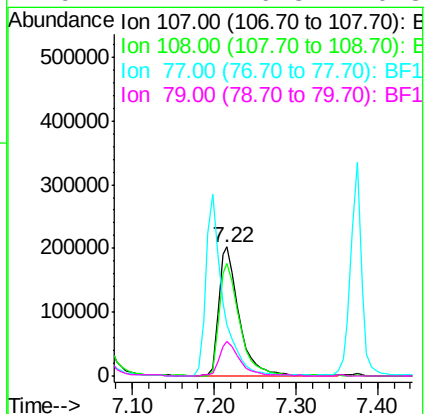
Ion Ratio Lower Upper

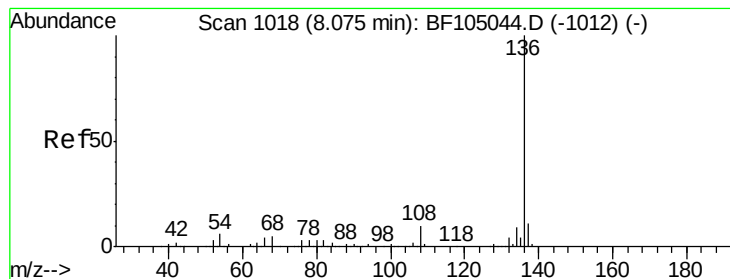
107 100

108 87.9 68.2 108.2

77 40.3 26.7 66.7

79 27.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 402132

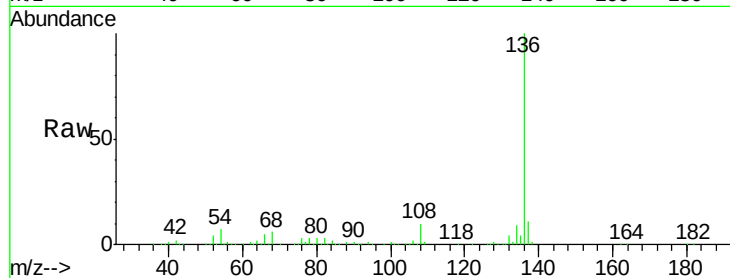
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.0 6.6 9.8

68 5.6 5.0 7.4

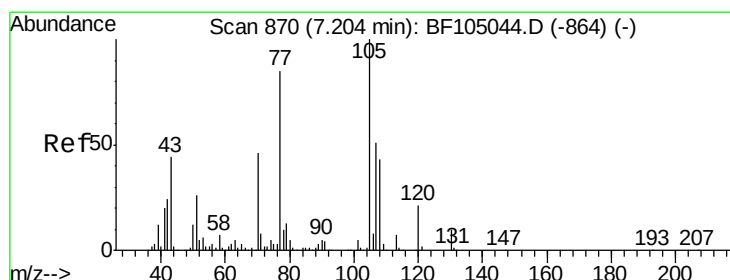
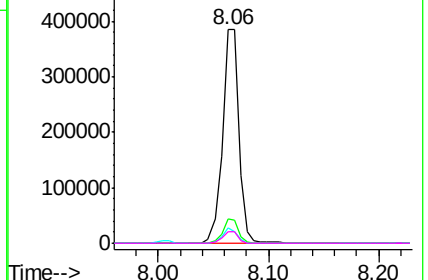
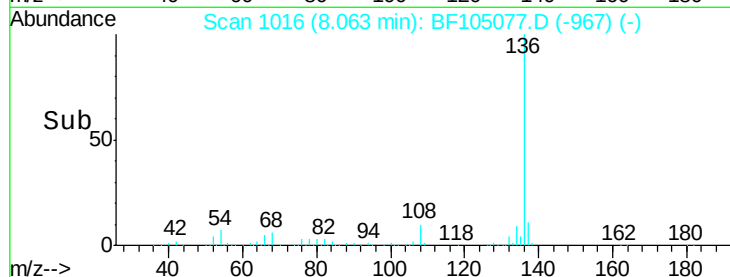


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.28 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion:105 Resp: 428450

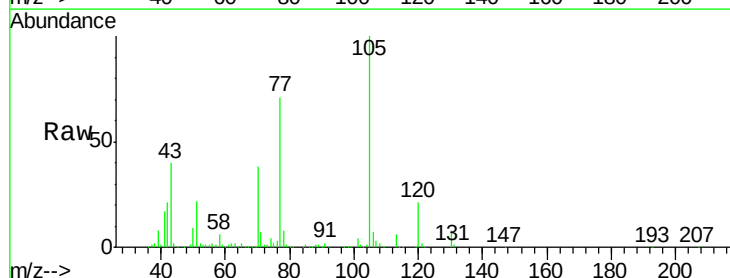
Ion Ratio Lower Upper

105 100

71 6.9 4.4 6.6#

51 21.5 22.3 33.5#

120 20.9 16.9 25.3

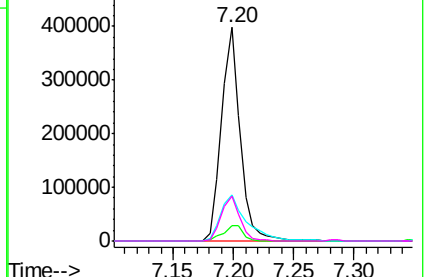
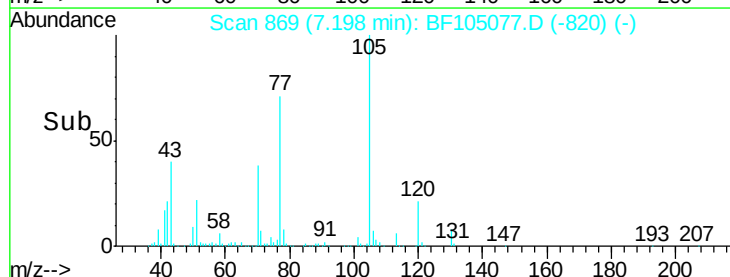


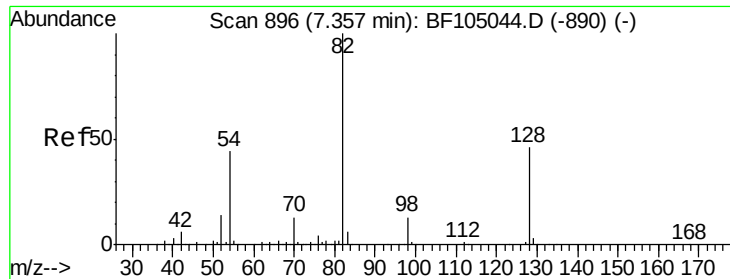
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

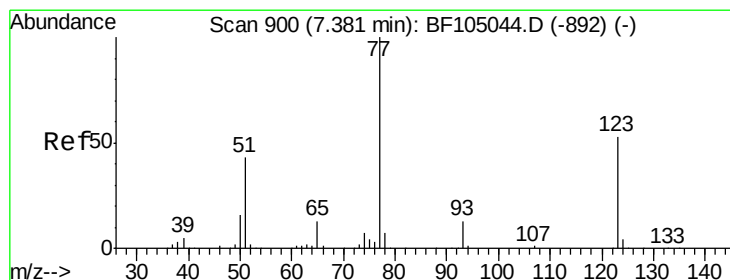
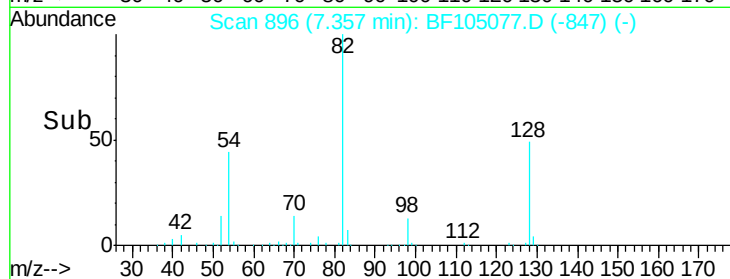
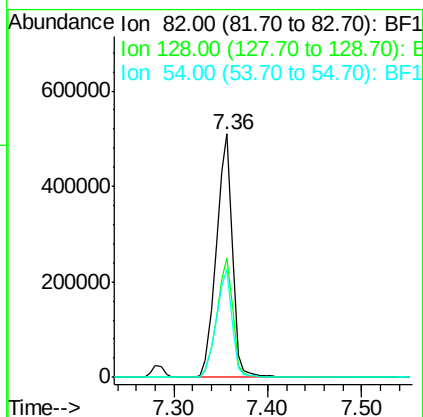
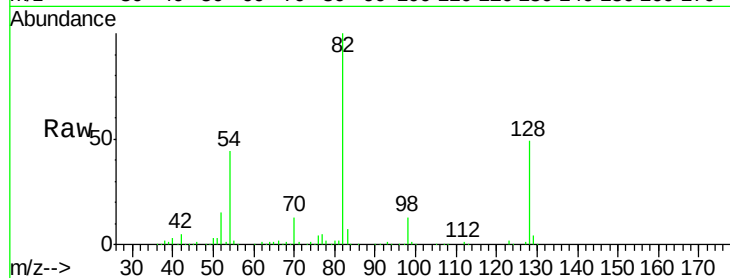




#23
 Nitrobenzene-d5
 Concen: 99.58 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

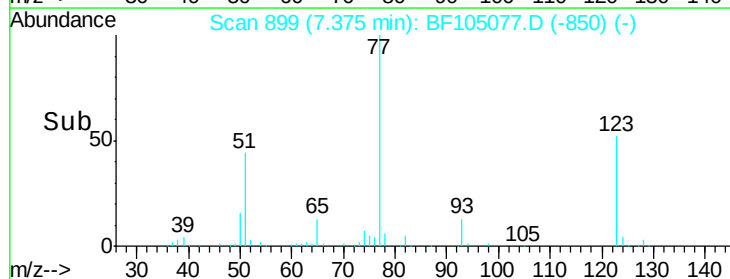
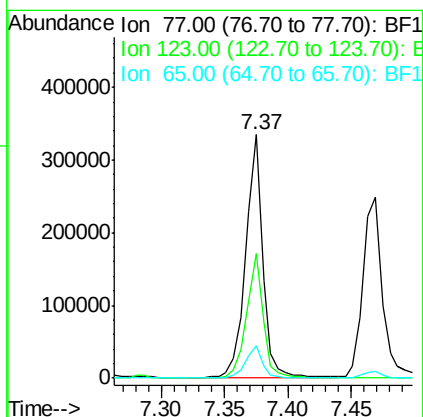
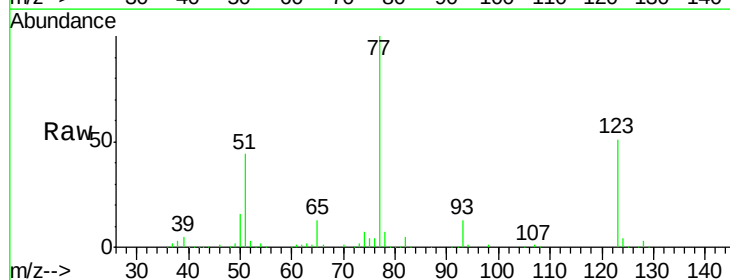
Instrument :
 BNA_F
 ClientSampled :

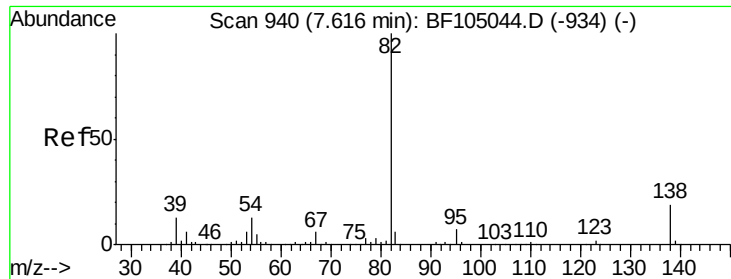
Tot Ion: 82 Resp: 613235
 Ion Ratio Lower Upper
 82 100
 128 49.2 36.1 54.1
 54 44.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 45.86 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion: 77 Resp: 311822
 Ion Ratio Lower Upper
 77 100
 123 50.9 37.9 56.9
 65 13.1 11.0 16.4

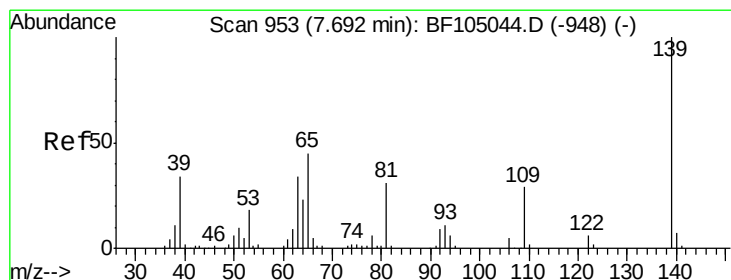
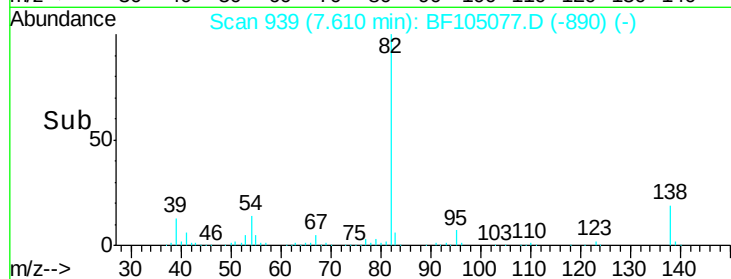
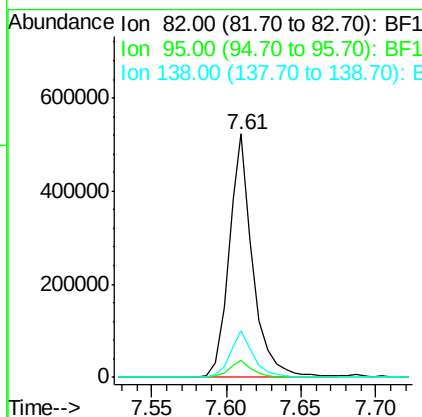
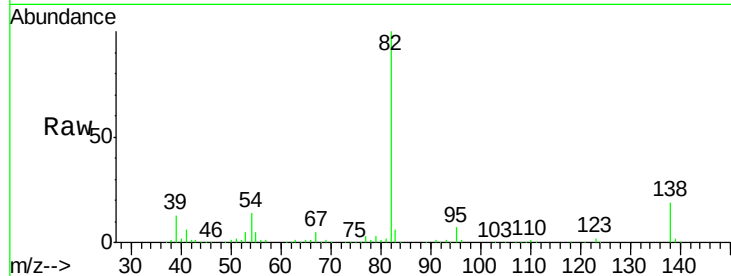




#25
Isophorone
Concen: 44.52 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

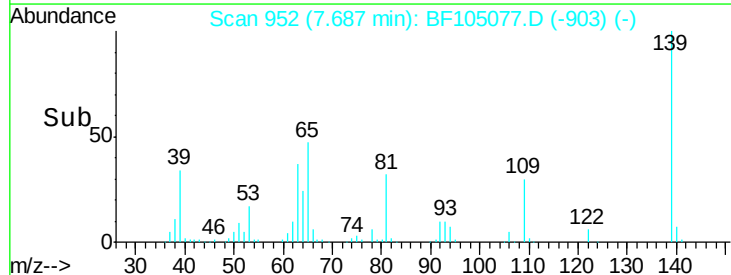
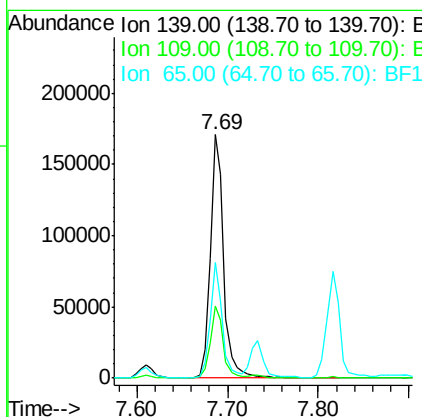
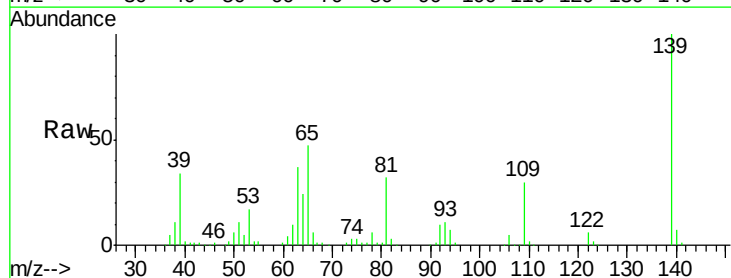
Instrument :
BNA_F
ClientSampleId :

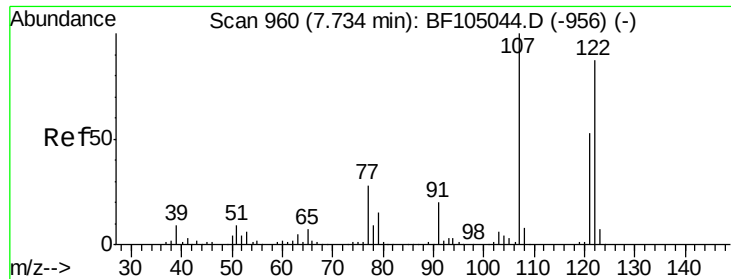
Tot Ion: 82 Resp: 579719
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 19.0 14.9 22.3



#26
2-Nitrophenol
Concen: 64.06 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion: 139 Resp: 177324
Ion Ratio Lower Upper
139 100
109 29.7 22.7 34.1
65 47.4 40.5 60.7

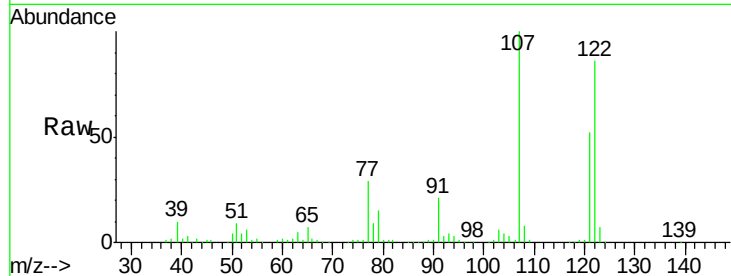




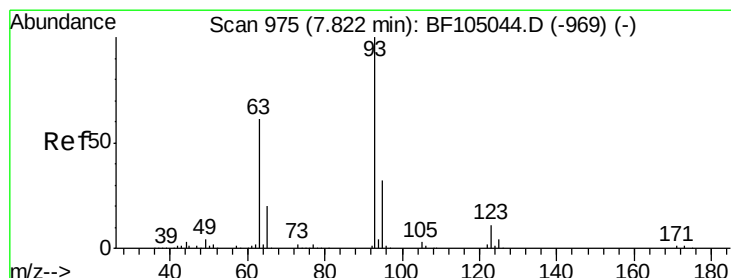
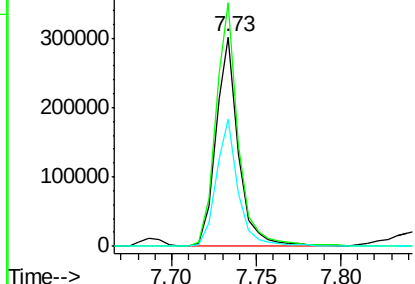
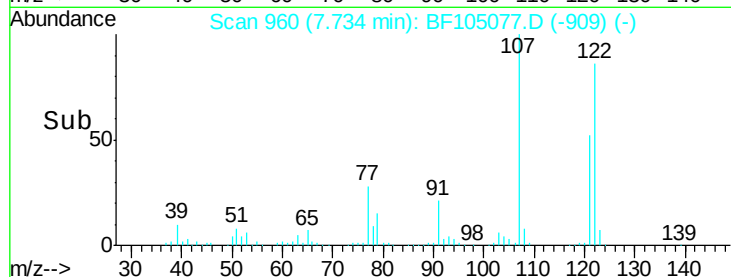
#27
 2,4-Dimethylphenol
 Concen: 48.81 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 280534
 Ion Ratio Lower Upper
 122 100
 107 116.2 91.2 136.8
 121 60.6 47.2 70.8

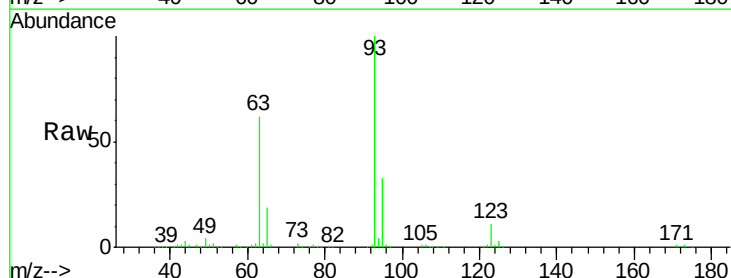


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

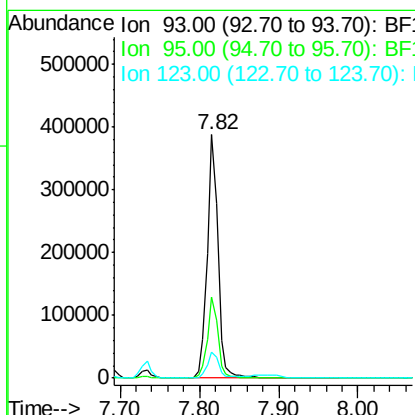
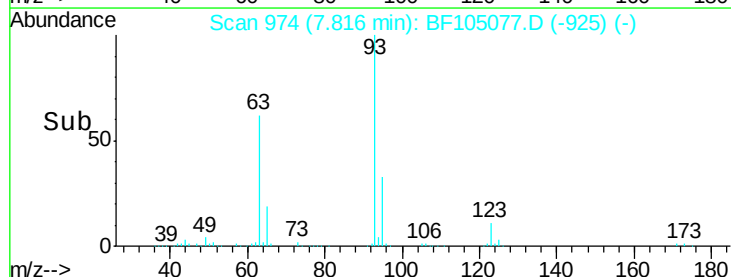


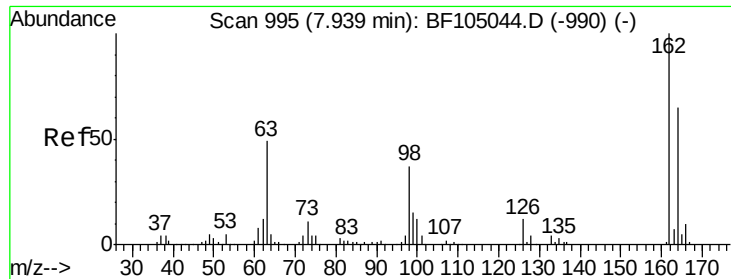
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.69 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion: 93 Resp: 371774
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 10.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

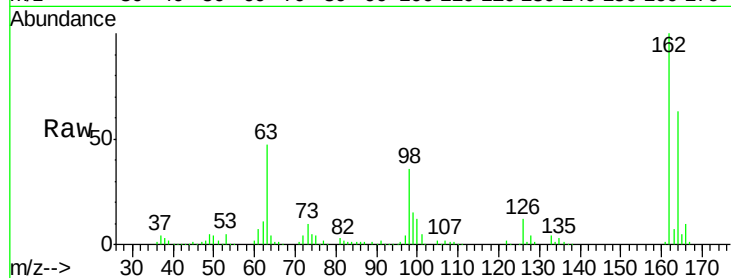




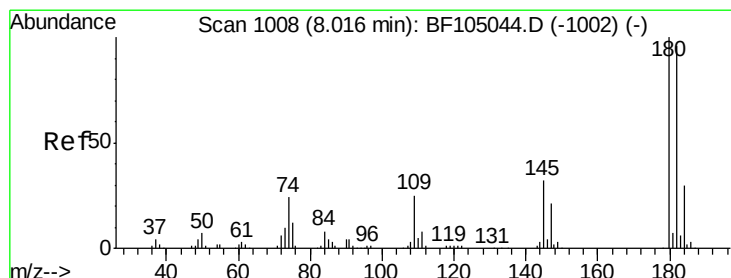
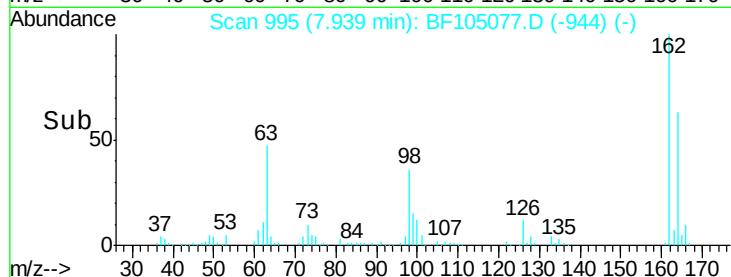
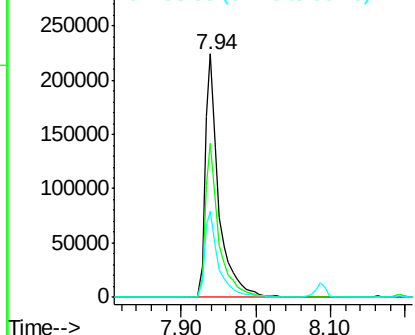
#29
 2,4-Dichlorophenol
 Concen: 51.32 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	35.5	18.1	58.1

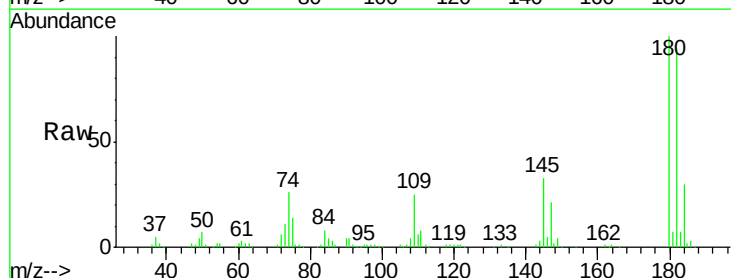


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

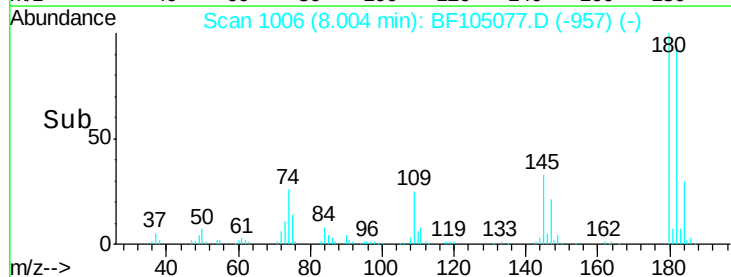
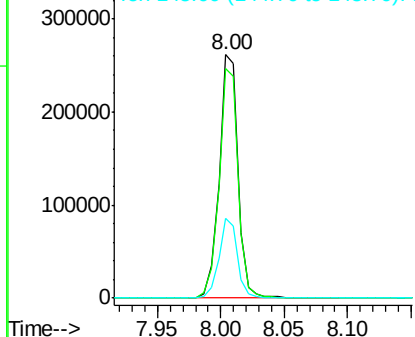


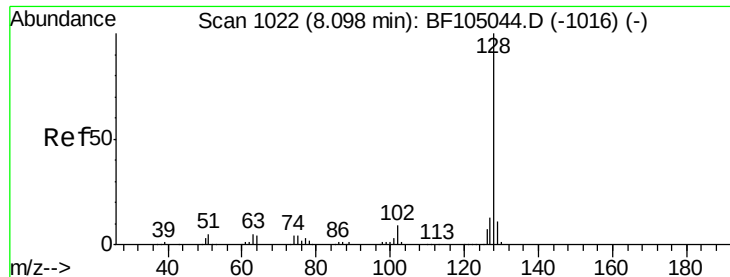
#30
 1,2,4-Trichlorobenzene
 Concen: 45.23 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	32.8	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

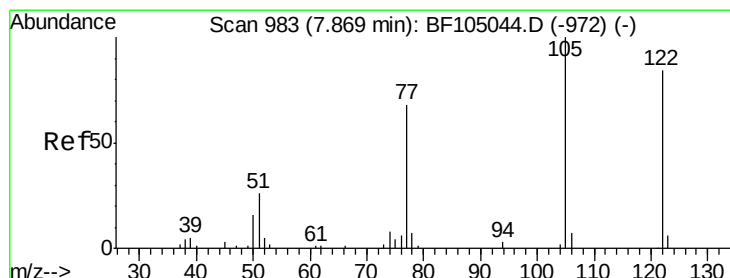
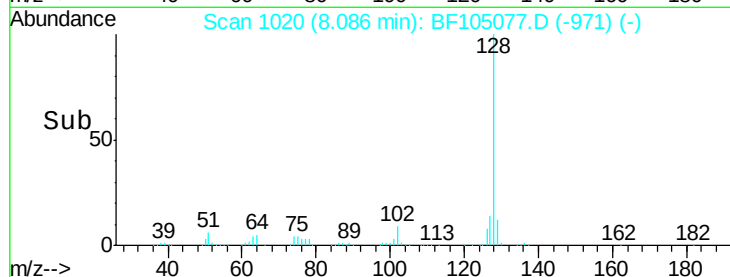
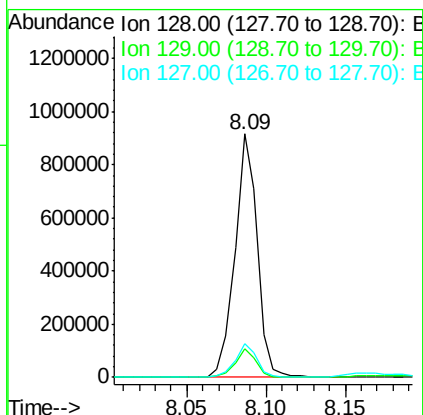
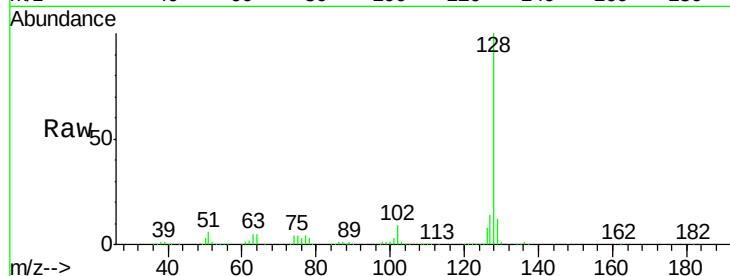




#31
Naphthalene
Concen: 44.73 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

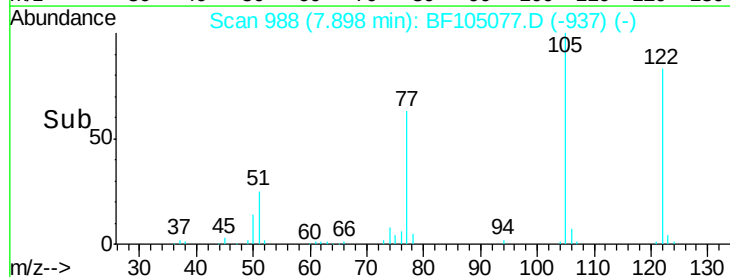
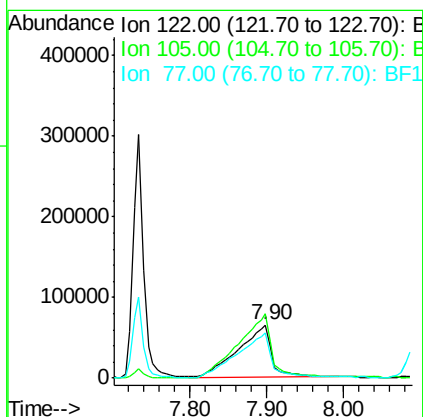
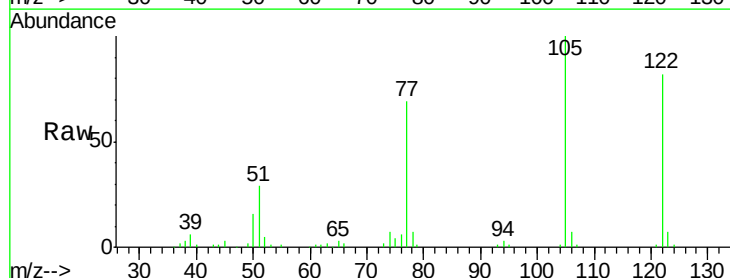
Instrument :
BNA_F
ClientSampleId :

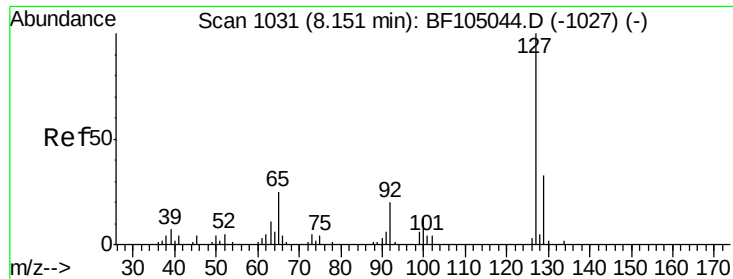
Tot Ion:128 Resp: 895769
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 43.49 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion:122 Resp: 199420
Ion Ratio Lower Upper
122 100
105 121.3 101.1 141.1
77 83.9 70.7 110.7

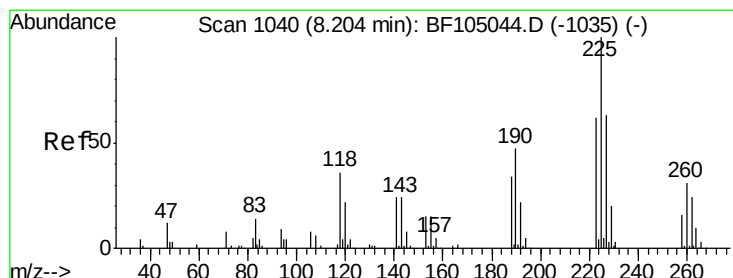
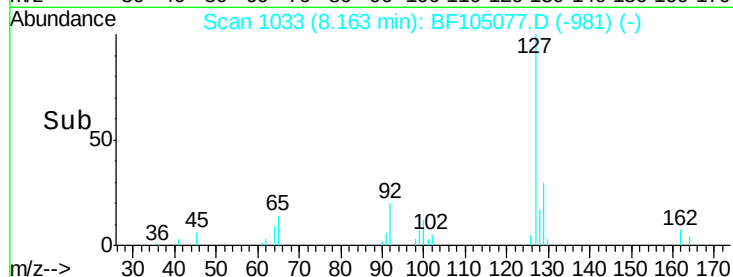
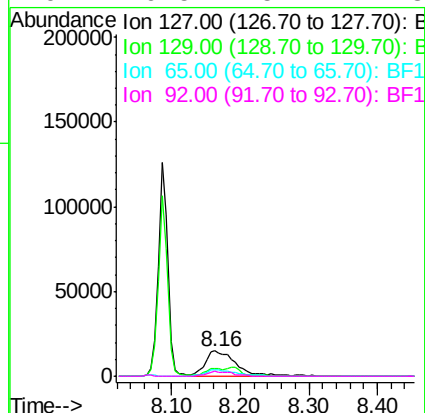
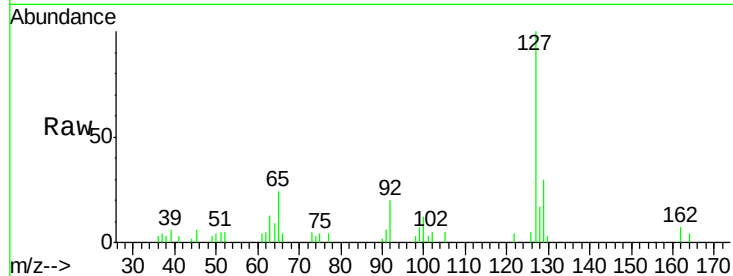




#33
4-Chloroaniline
Concen: 5.61 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

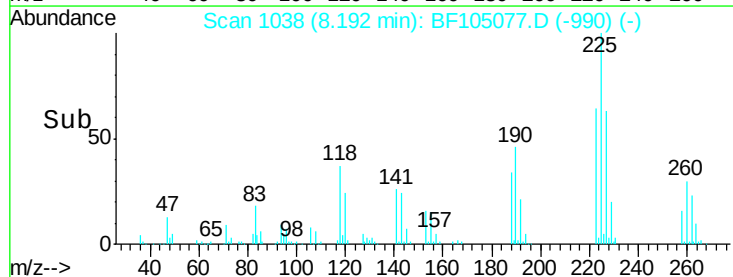
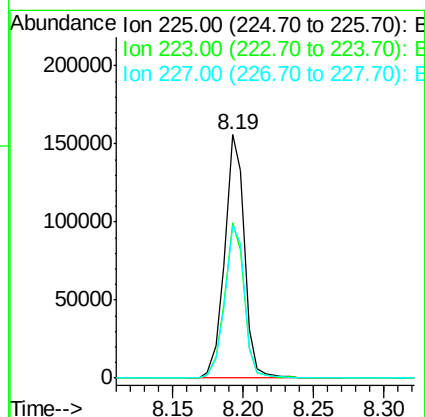
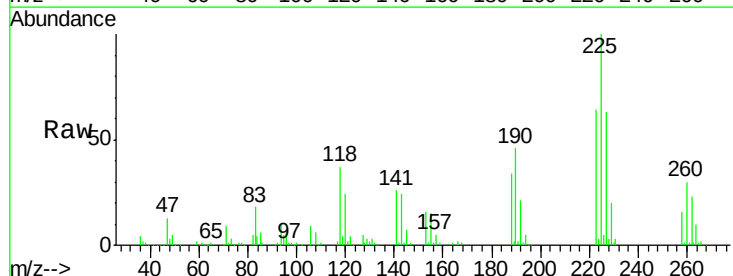
Instrument :
BNA_F
ClientSampleId :

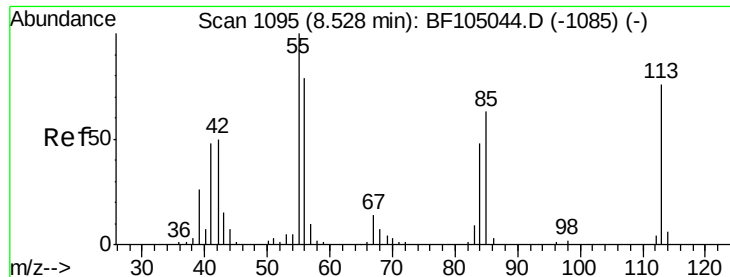
Tot Ion:	127	Resp:	48096
Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.9	38.9
65	24.2	25.0	37.4
92	20.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 46.09 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion:	225	Resp:	151936
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	62.9	51.9	77.9

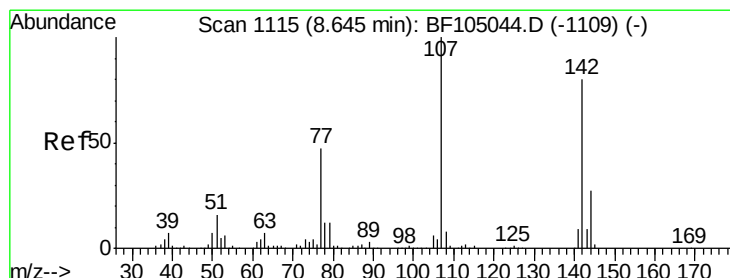
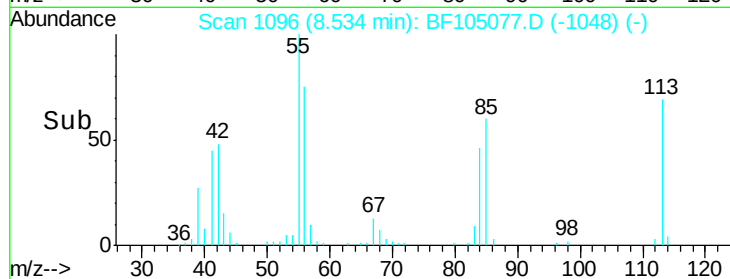
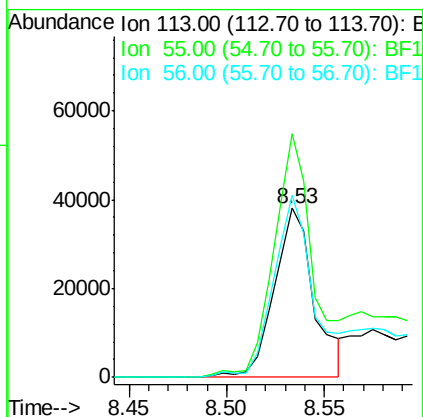
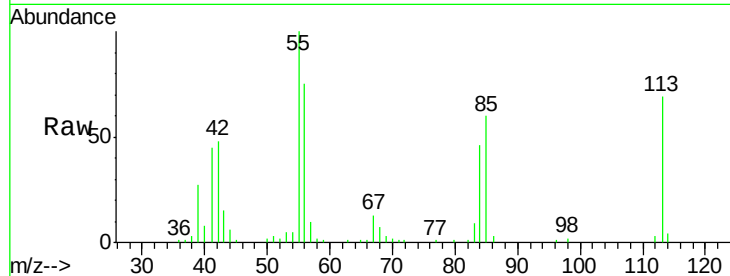




#35
 Caprolactam
 Concen: 28.11 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

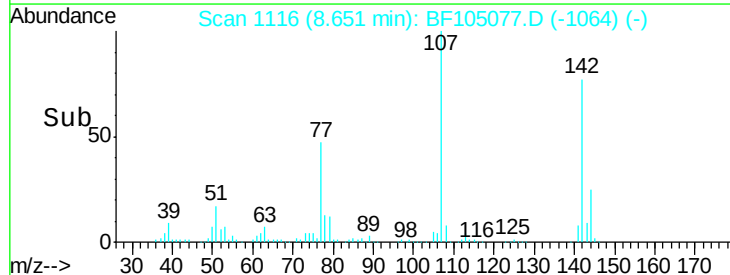
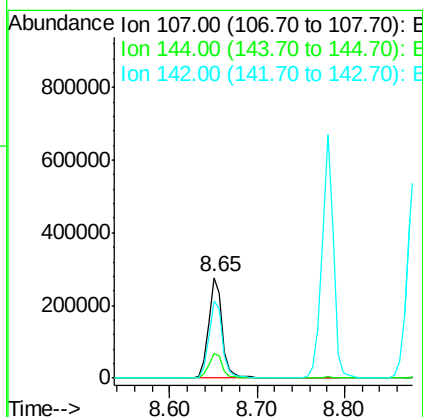
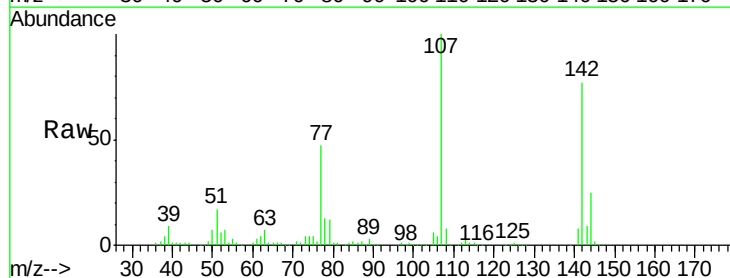
Instrument :
 BNA_F
 ClientSampleId :

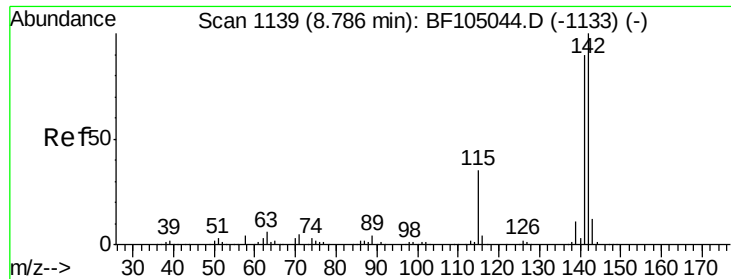
Tot Ion:113 Resp: 53783
 Ion Ratio Lower Upper
 113 100
 55 144.1 163.3 203.3#
 56 107.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 50.68 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion:107 Resp: 298018
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 76.9 62.0 93.0

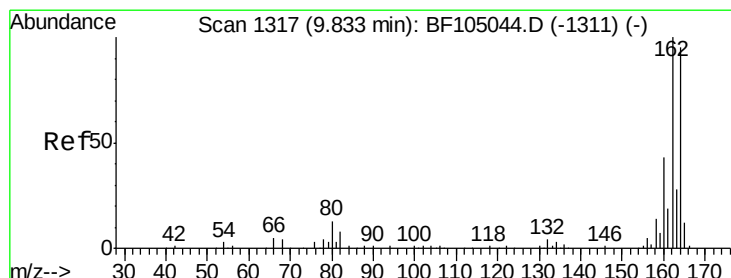
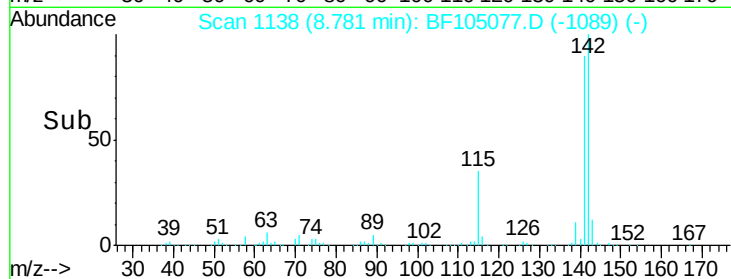
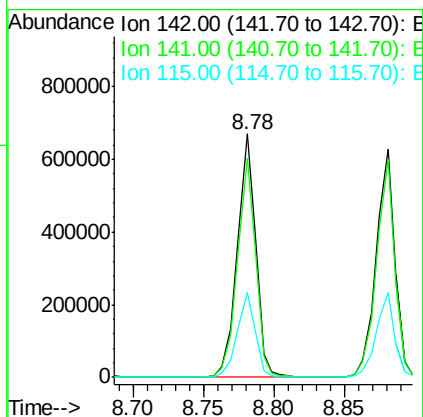
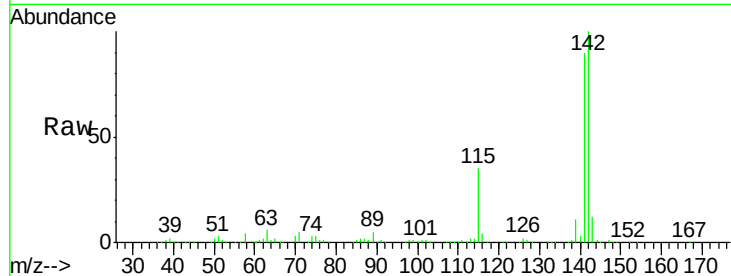




#37
2-Methylnaphthalene
Concen: 46.99 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

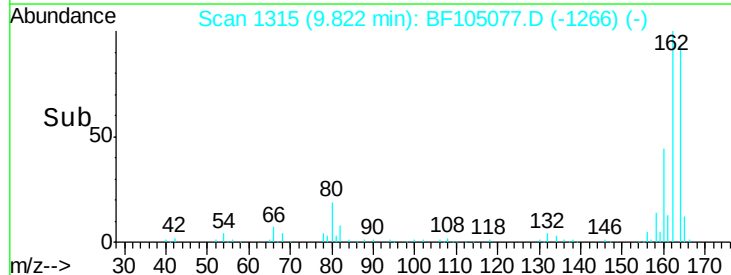
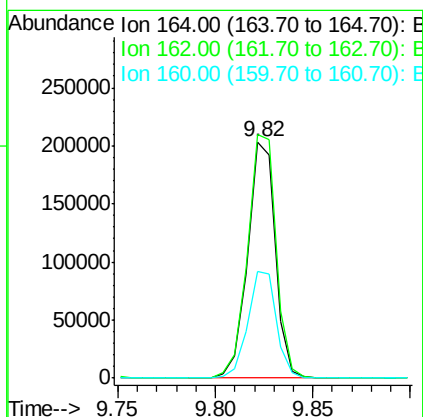
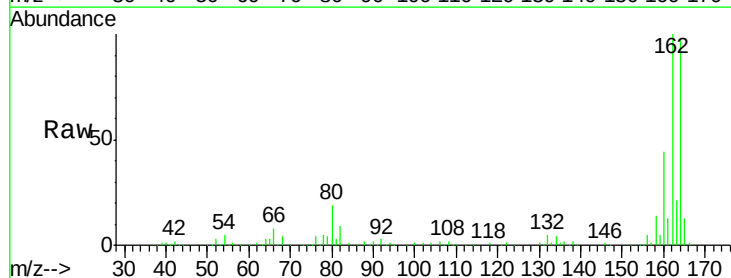
Instrument :
BNA_F
ClientSampleId :

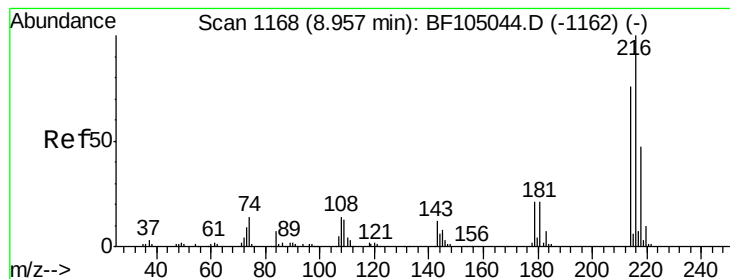
Tot Ion:142 Resp: 608605
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 35.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion:164 Resp: 199386
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 45.2 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.02 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 268377

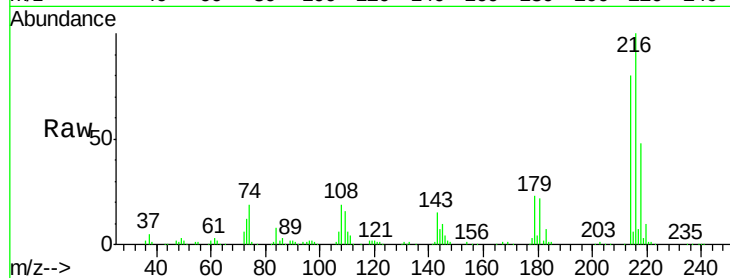
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.5 18.1 27.1

108 20.8 17.2 25.8

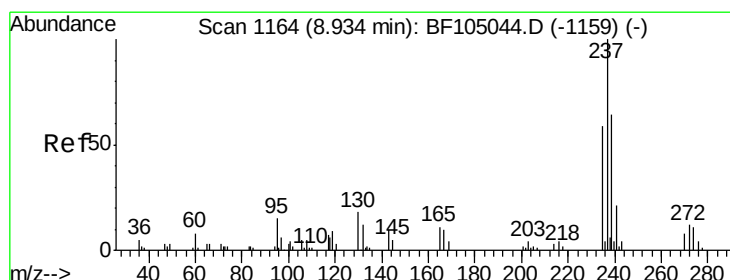
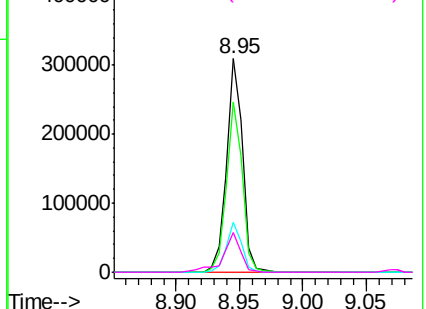
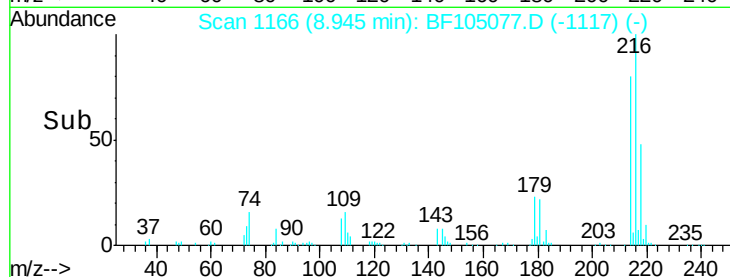


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.91 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

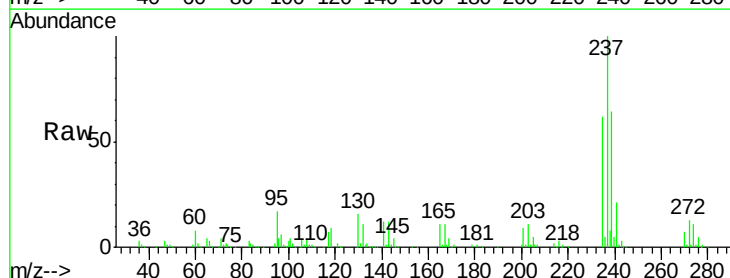
Tgt Ion:237 Resp: 223376

Ion Ratio Lower Upper

237 100

235 62.2 44.8 84.8

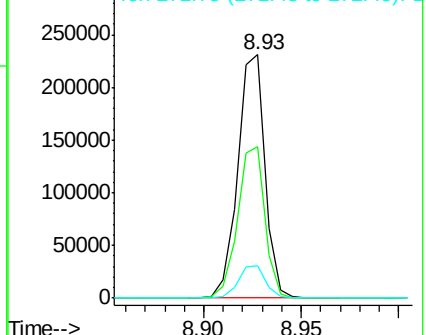
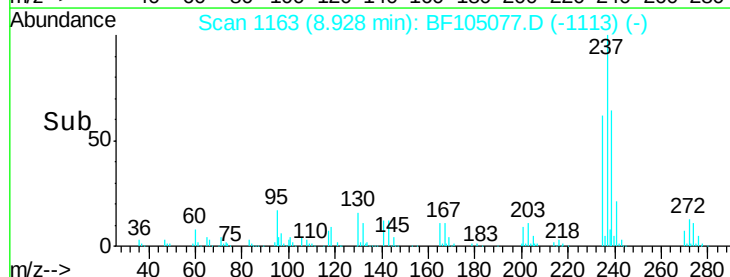
272 13.4 0.0 33.3

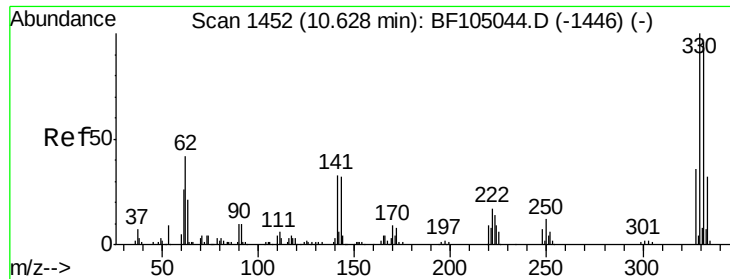


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

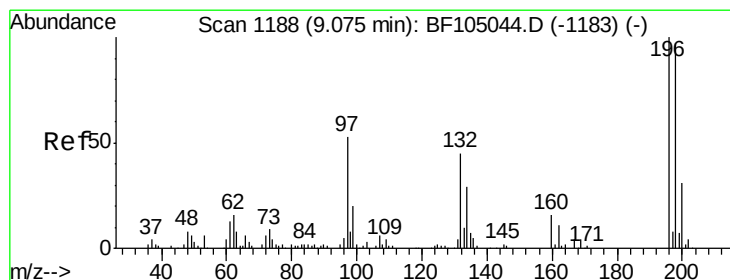
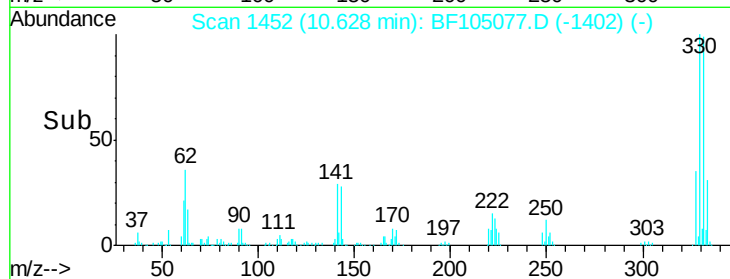
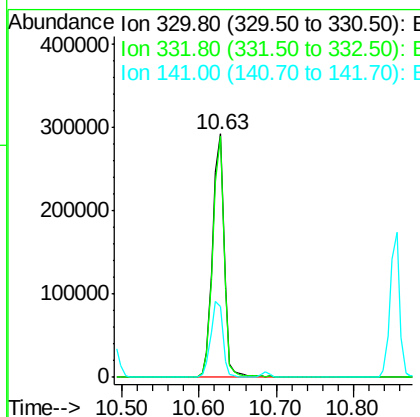
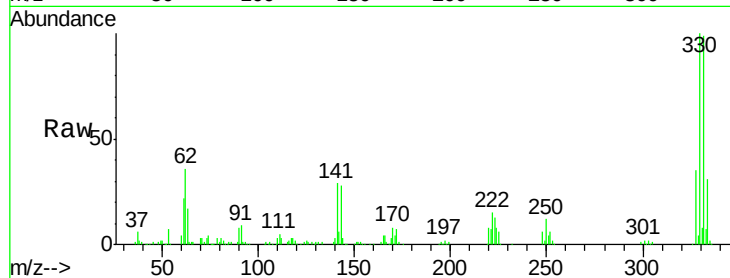




#41
 2,4,6-Tribromophenol
 Concen: 146.74 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

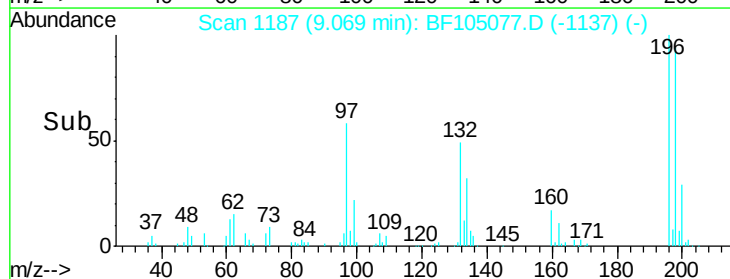
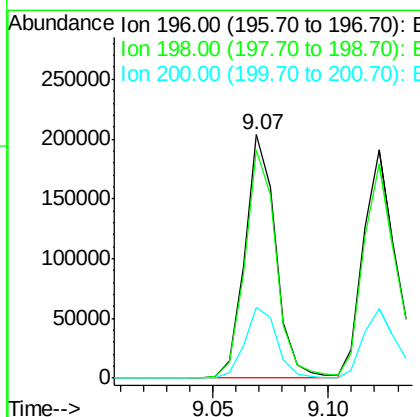
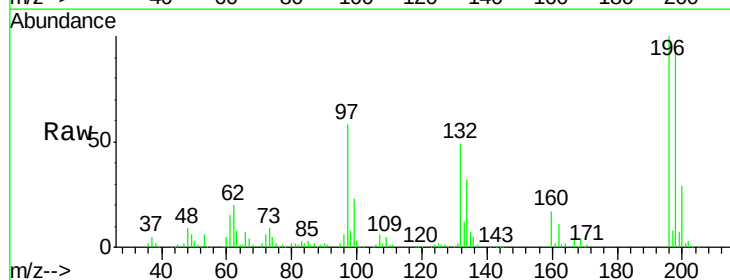
Instrument :
 BNA_F
 ClientSampleId :

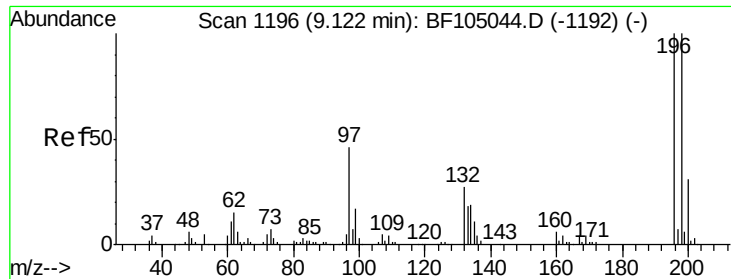
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 48.06 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.7	113.5
200	29.3	24.5	36.7

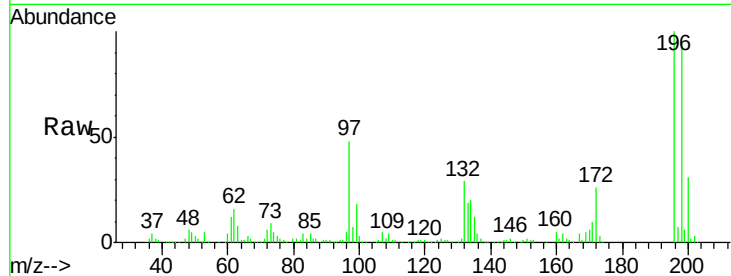




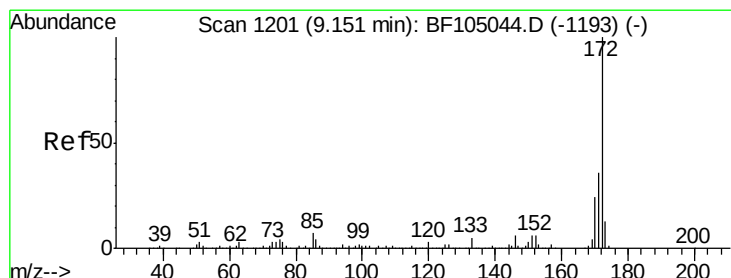
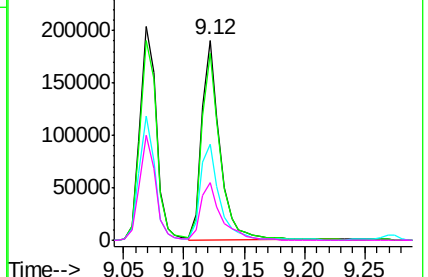
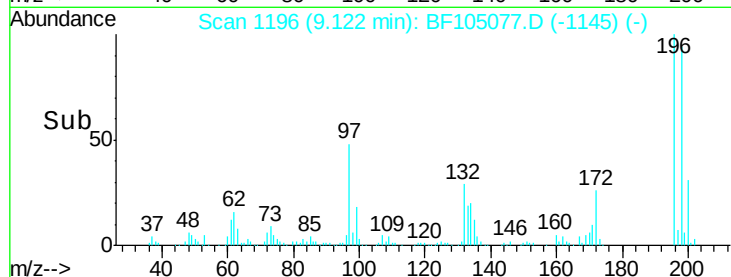
#43
 2,4,5-Trichlorophenol
 Concen: 44.72 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	198298
Ion Ratio	Lower	Upper
196	100	
198	93.6	74.6 112.0
97	48.1	42.9 64.3
132	28.6	26.3 39.5

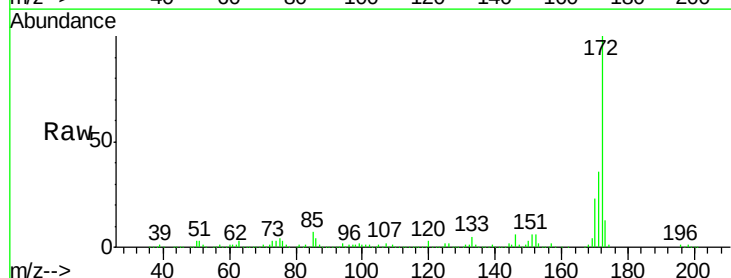


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

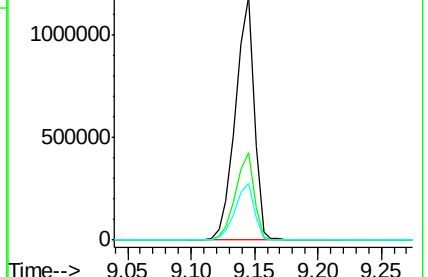
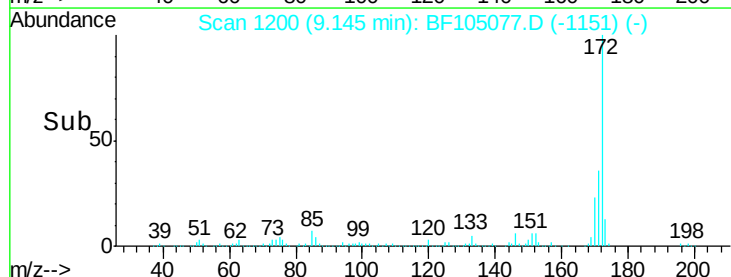


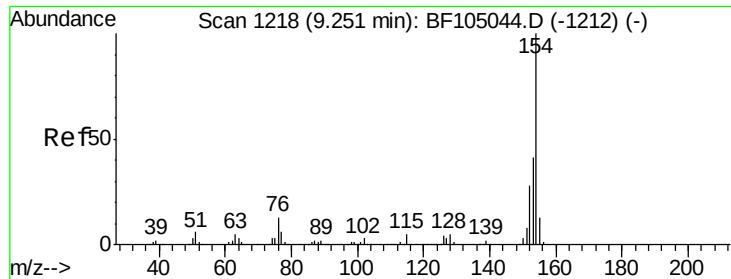
#44
 2-Fluorobiphenyl
 Concen: 95.73 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion:172	Resp:	1208301
Ion Ratio	Lower	Upper
172	100	
171	36.0	29.7 44.5
170	23.5	19.6 29.4



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

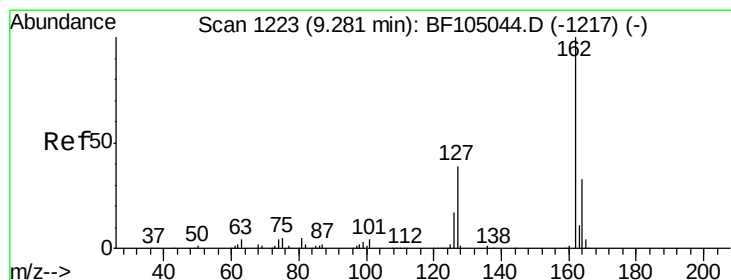
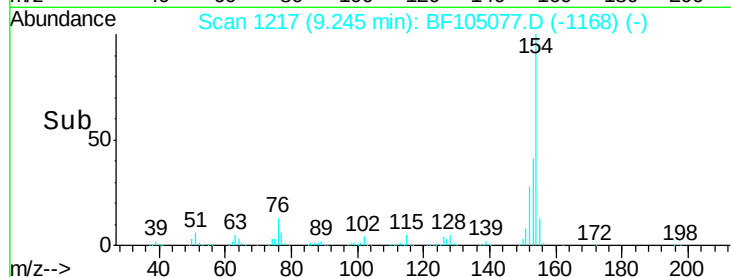
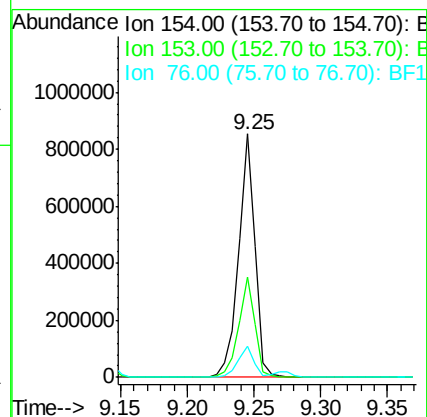
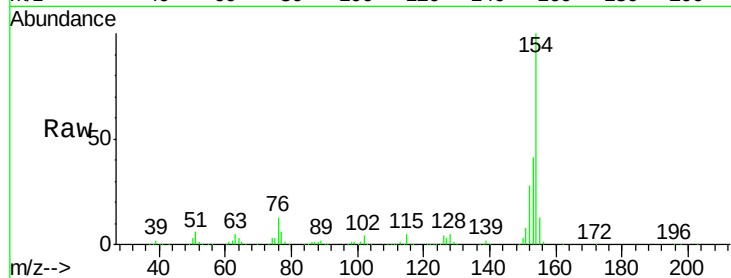




#45
 1,1'-Biphenyl
 Concen: 44.28 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

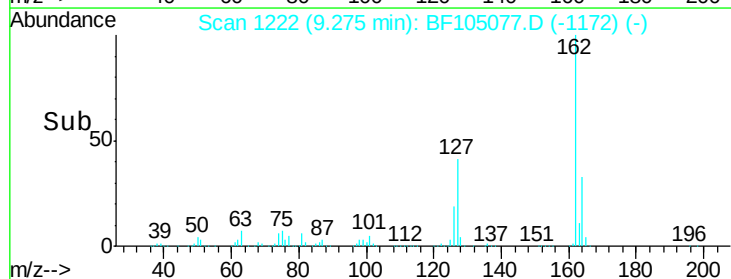
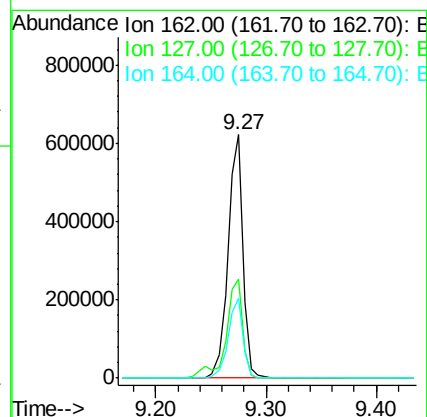
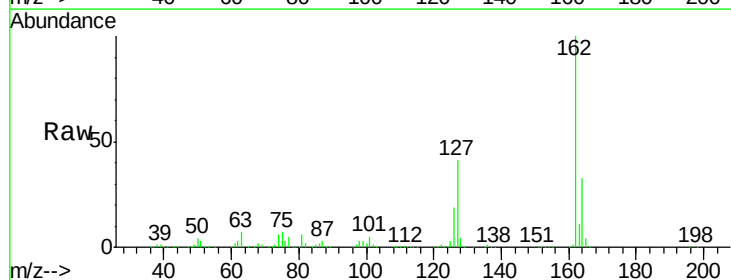
Instrument :
 BNA_F
 ClientSampleId :

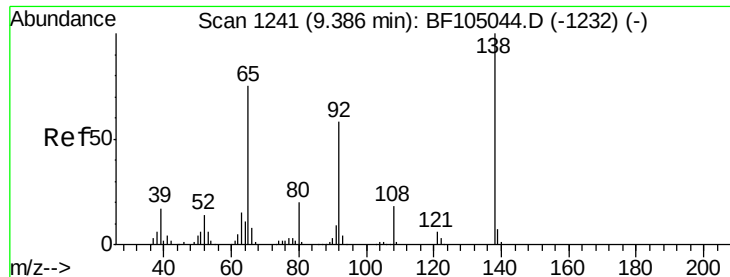
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	12.8	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 44.47 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.9	50.9
164	32.9	26.5	39.7

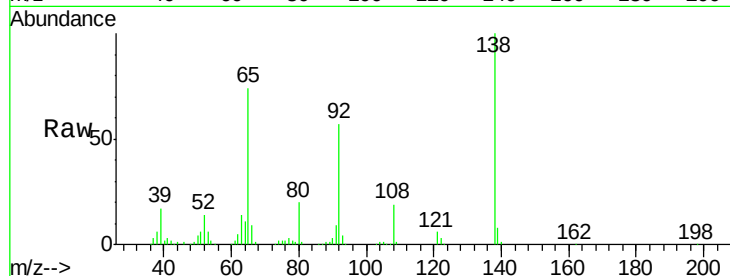




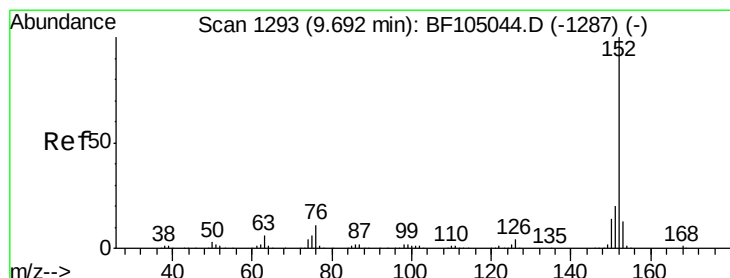
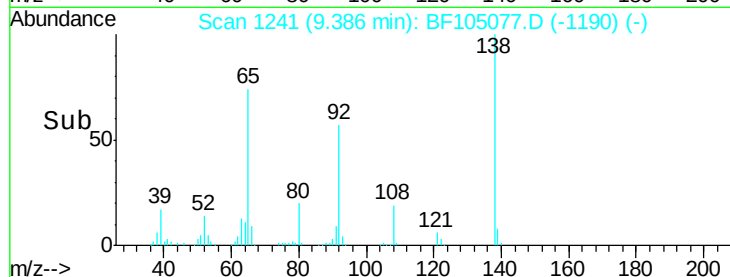
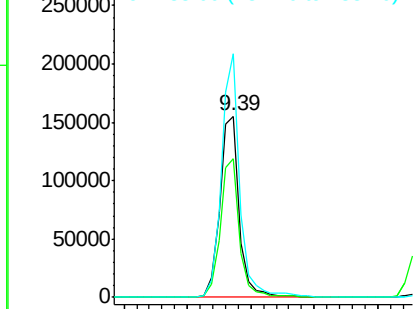
#47
2-Nitroaniline
Concen: 51.03 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 166957
Ion Ratio Lower Upper
65 100
92 76.7 55.8 83.6
138 134.5 91.2 136.8

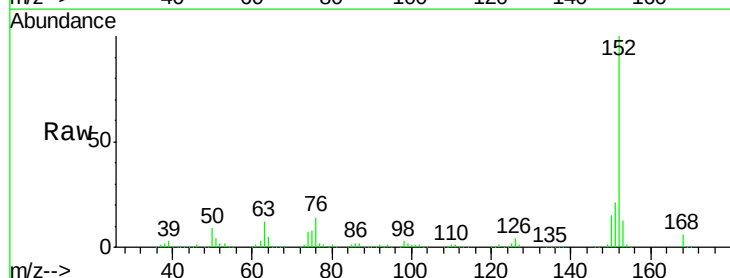


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

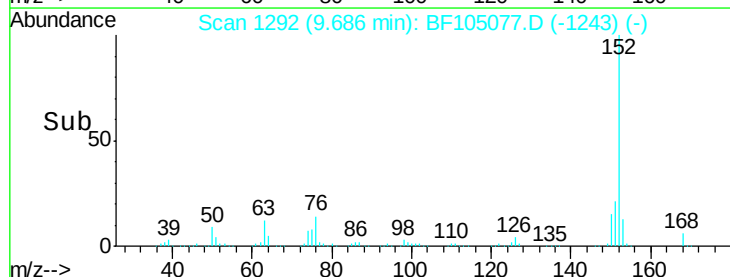
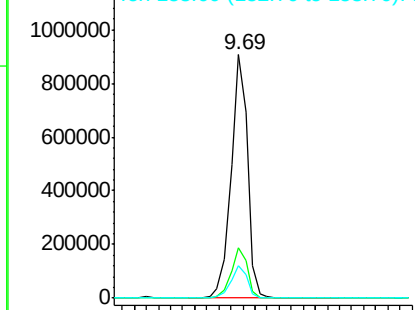


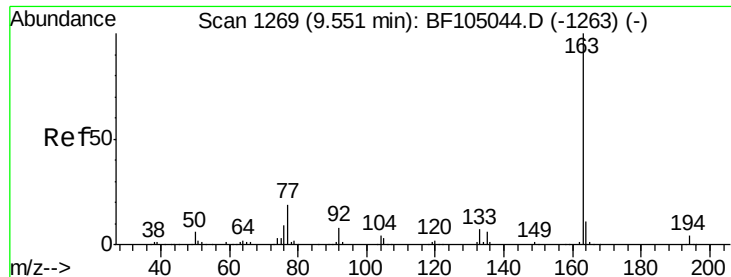
#48
Acenaphthylene
Concen: 41.50 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion: 152 Resp: 861518
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.3 10.7 16.1



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

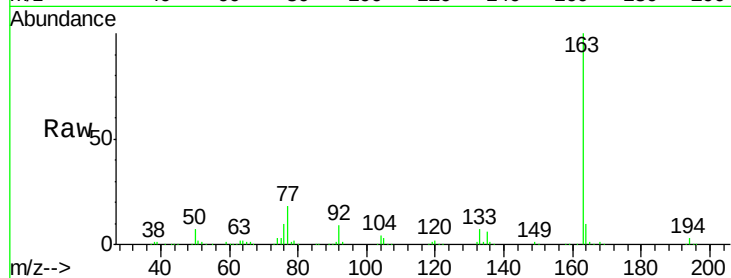




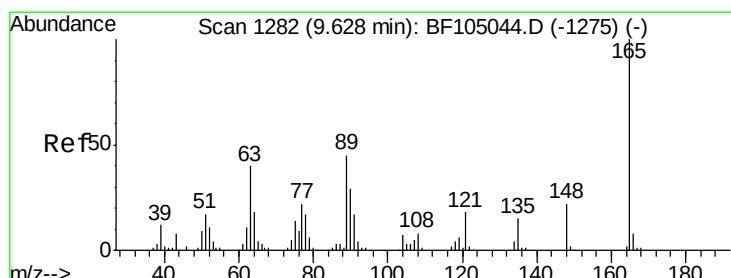
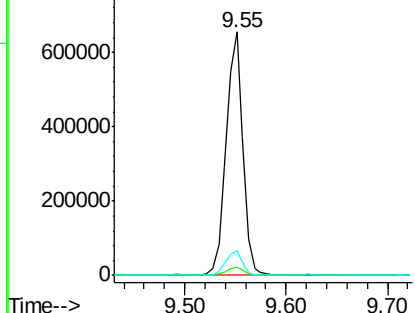
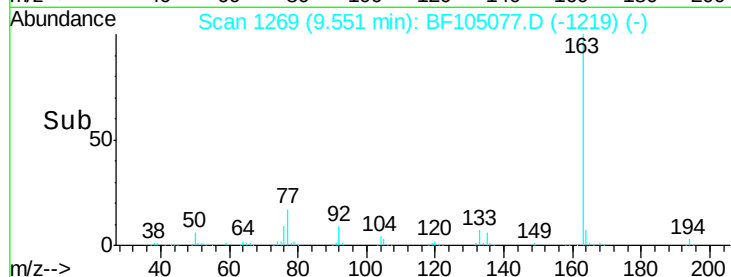
#49
Dimethylphthalate
Concen: 47.45 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 746140
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

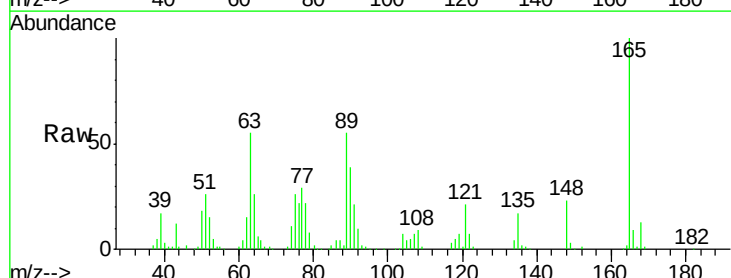


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

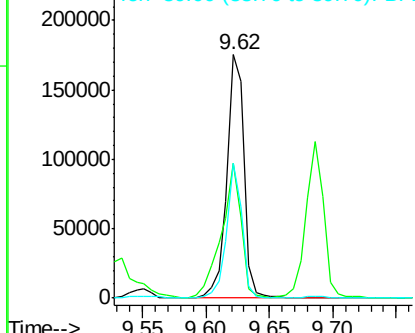
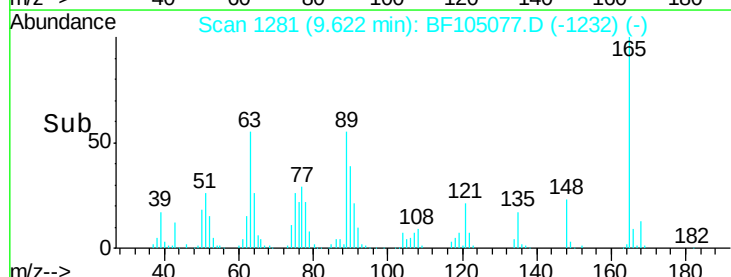


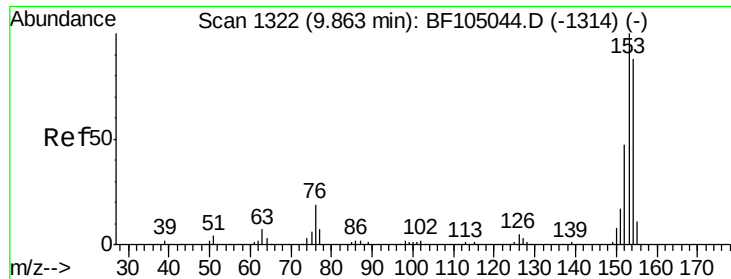
#50
2,6-Dinitrotoluene
Concen: 56.10 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion:165 Resp: 163212
Ion Ratio Lower Upper
165 100
63 55.1 44.7 67.1
89 55.5 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: 41.18 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

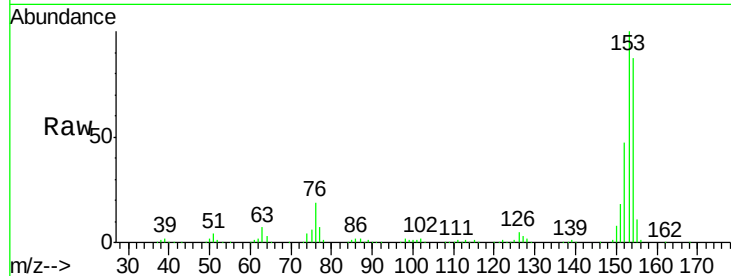
Tot Ion:154 Resp: 521495

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

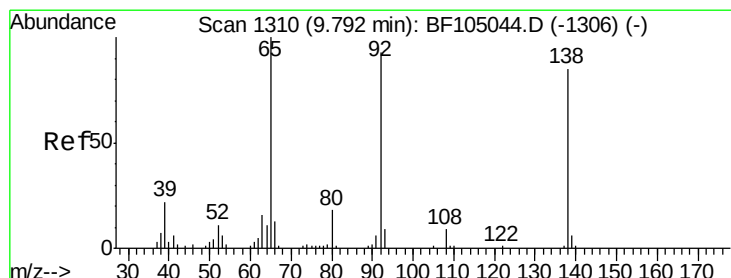
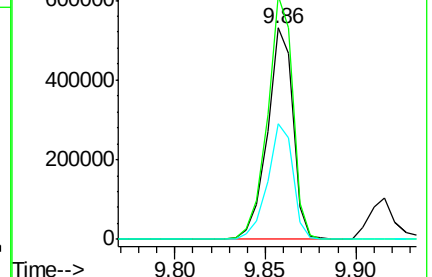
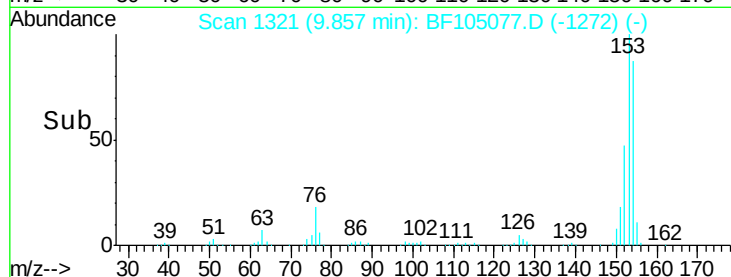
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.99 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

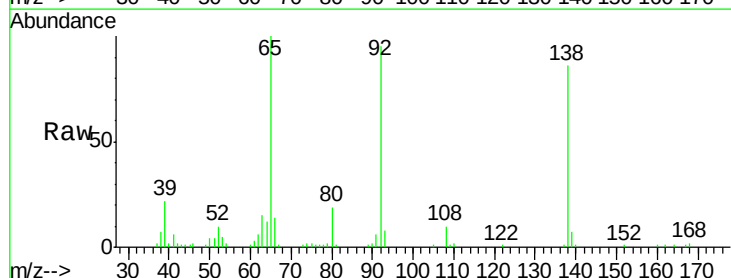
Tgt Ion:138 Resp: 54478

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

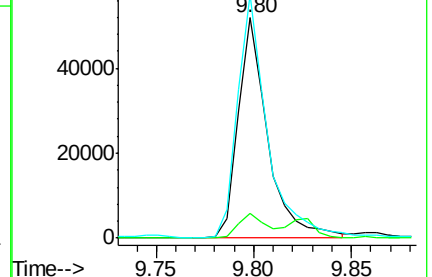
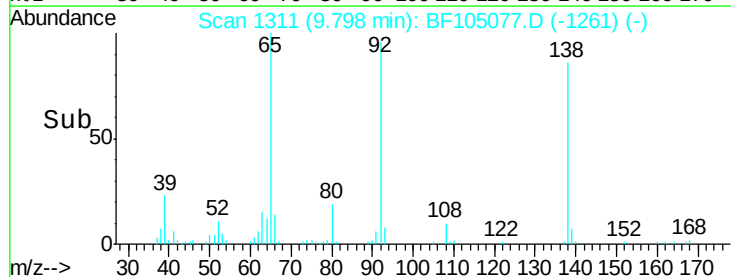
92 110.5 89.4 134.2

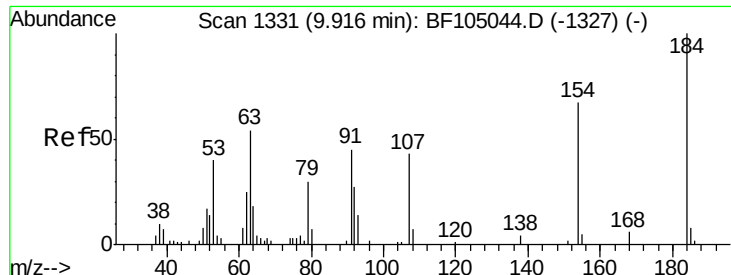


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

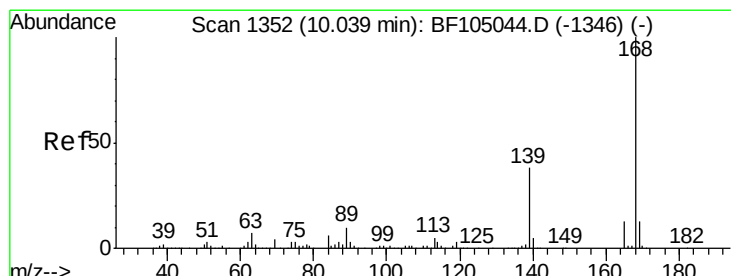
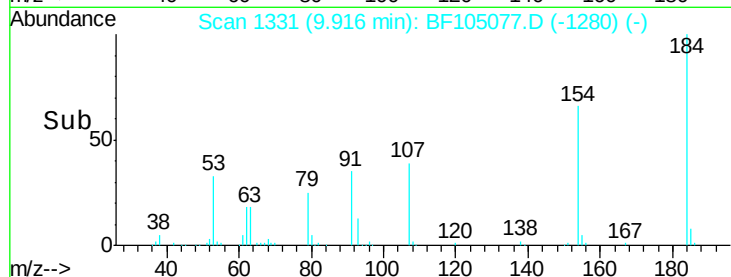
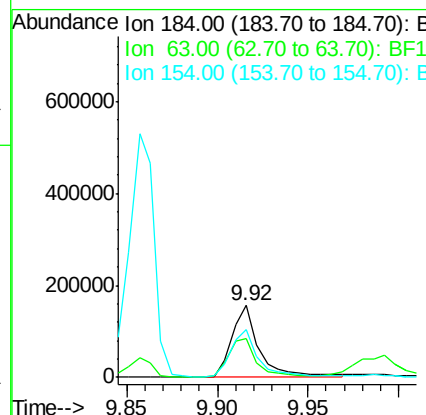
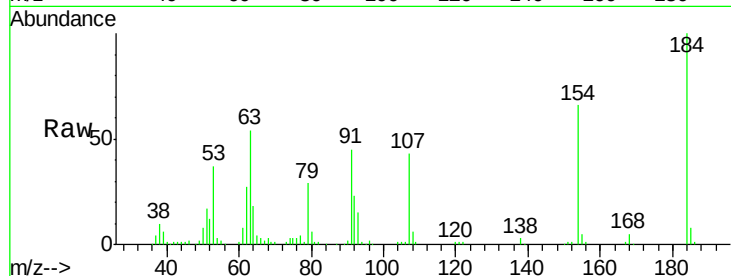




#53
 2,4-Dinitrophenol
 Concen: 114.80 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

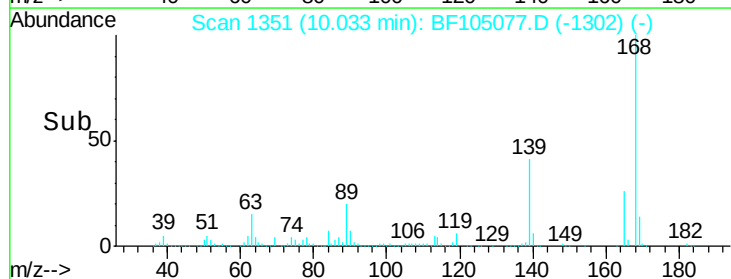
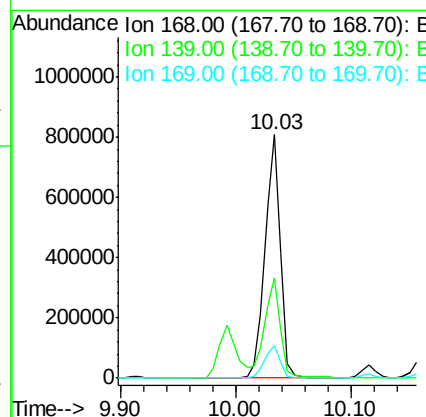
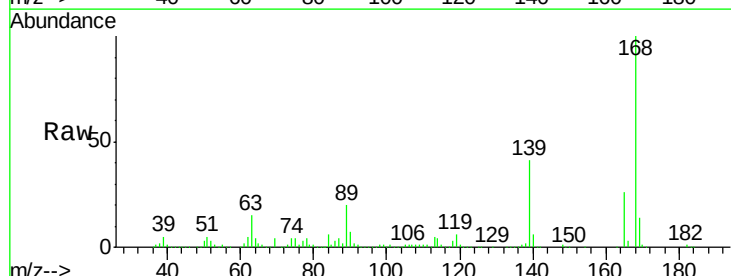
Instrument :
 BNA_F
 ClientSampleId :

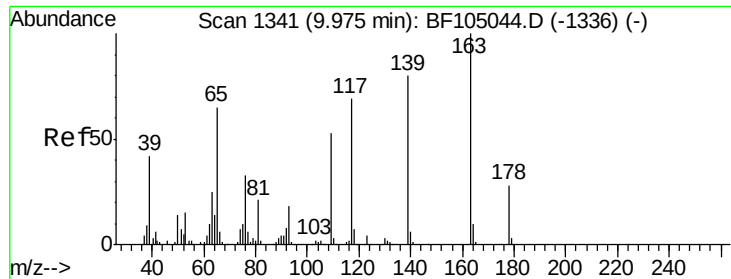
Tot Ion:184 Resp: 166501
 Ion Ratio Lower Upper
 184 100
 63 54.1 54.2 81.2#
 154 66.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.68 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion:168 Resp: 753376
 Ion Ratio Lower Upper
 168 100
 139 41.2 30.1 45.1
 169 13.6 10.9 16.3

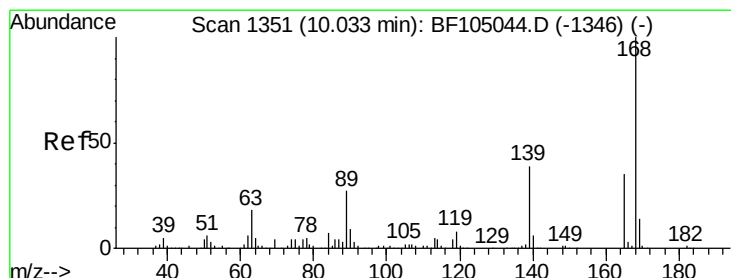
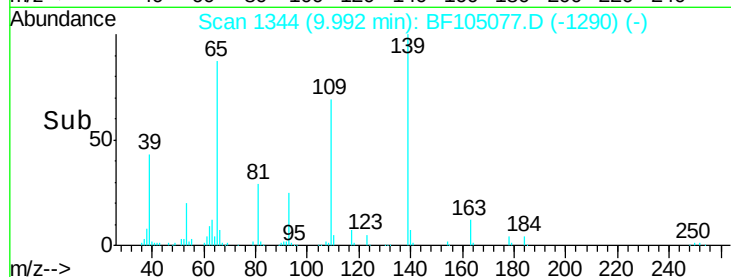
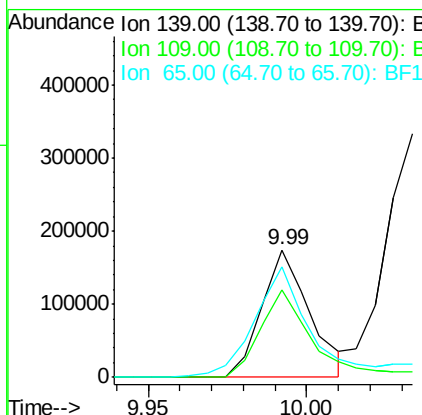
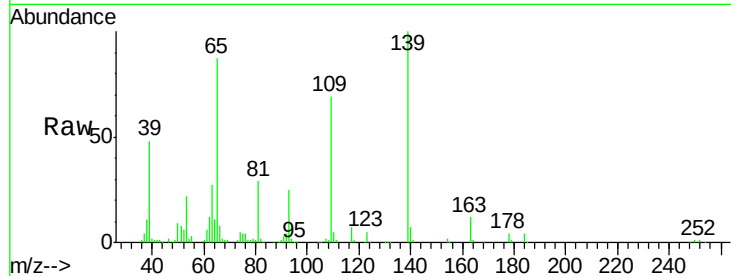




#55
4-Nitrophenol
Concen: 68.63 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

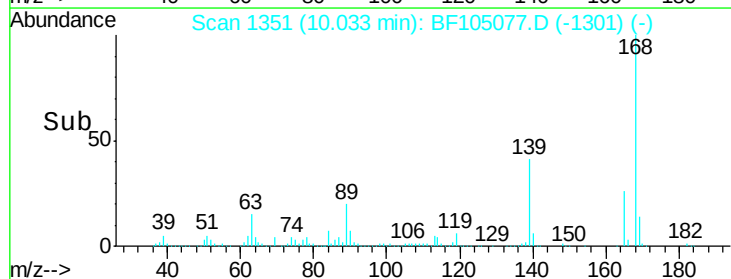
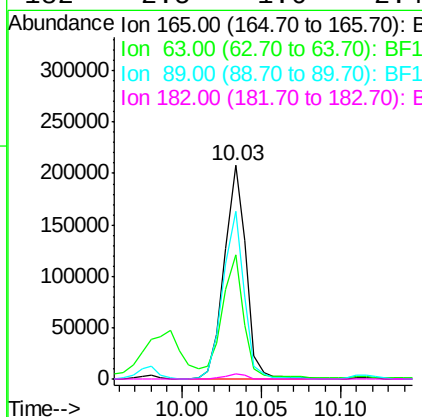
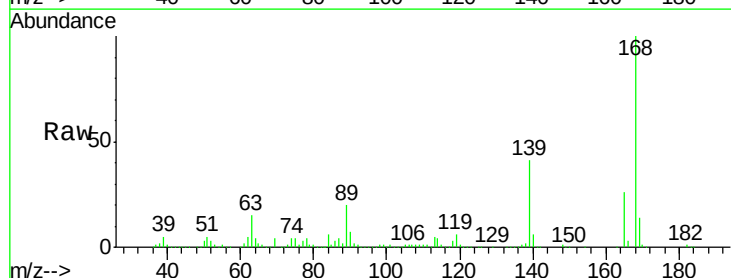
Instrument :
BNA_F
ClientSampleId :

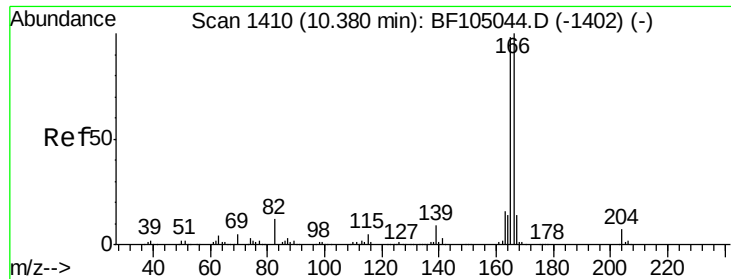
Tot Ion:139 Resp: 183628
Ion Ratio Lower Upper
139 100
109 69.1 48.4 88.4
65 87.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 51.80 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion:165 Resp: 197698
Ion Ratio Lower Upper
165 100
63 58.1 36.4 54.6#
89 78.4 57.8 86.6
182 2.5 1.6 2.4#

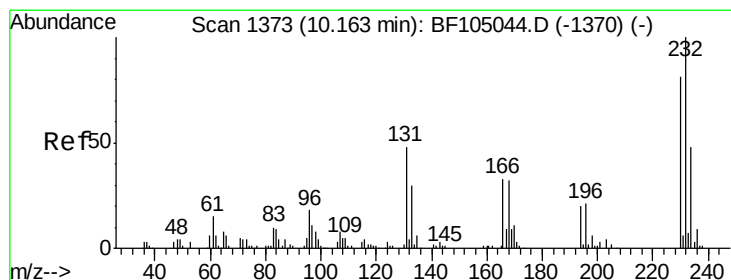
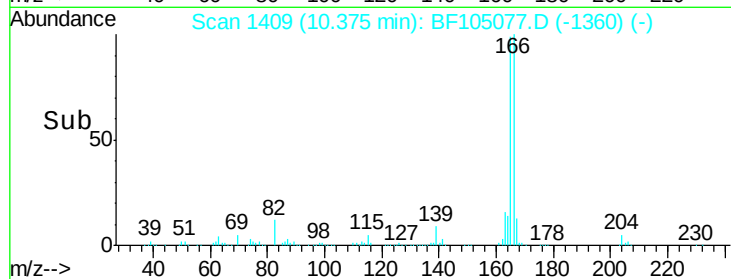
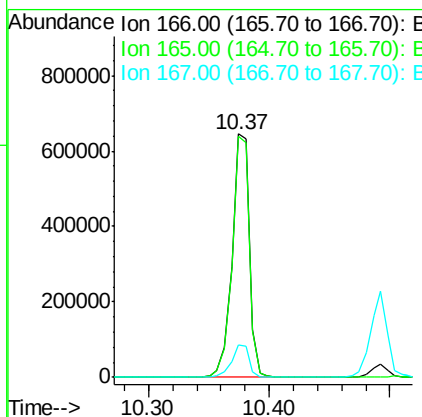
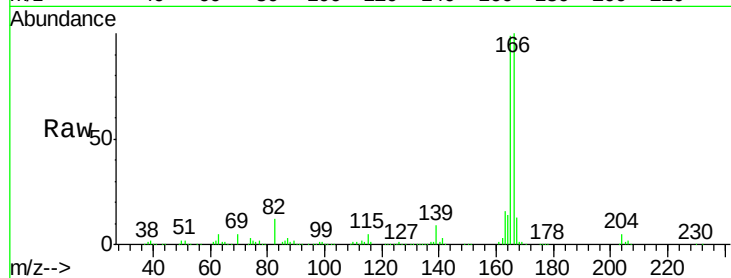




#57
 Fluorene
 Concen: 50.32 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

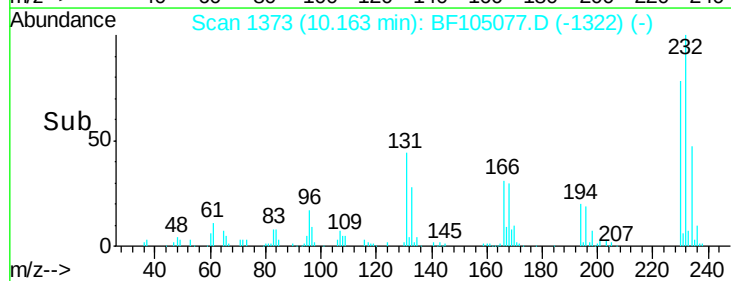
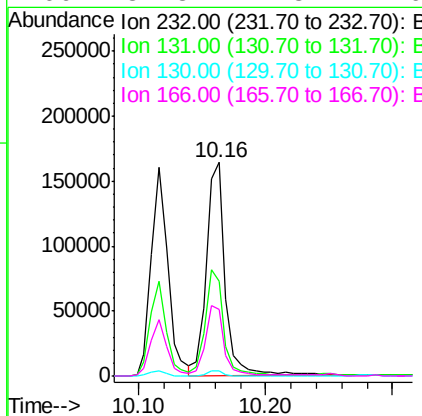
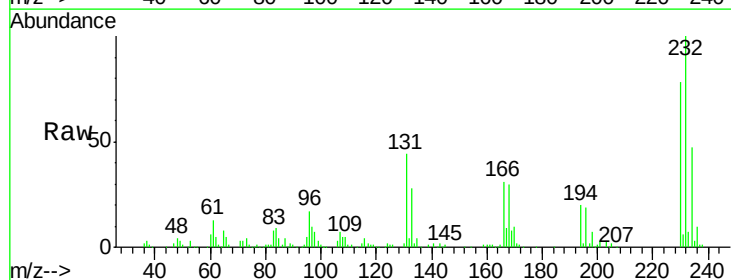
Instrument :
 BNA_F
 ClientSampleId :

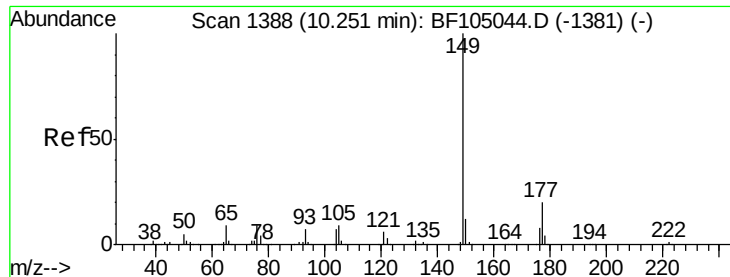
Tot Ion:166 Resp: 646466
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.41 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion:232 Resp: 170047
 Ion Ratio Lower Upper
 232 100
 131 48.1 43.8 65.8
 130 2.5 2.1 3.1
 166 32.3 27.8 41.6





#59

Diethylphthalate

Concen: 45.88 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

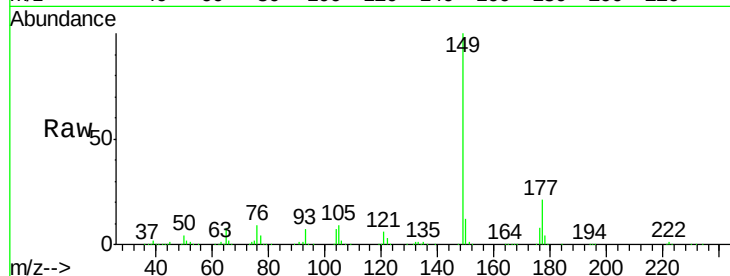
Tot Ion:149 Resp: 718456

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

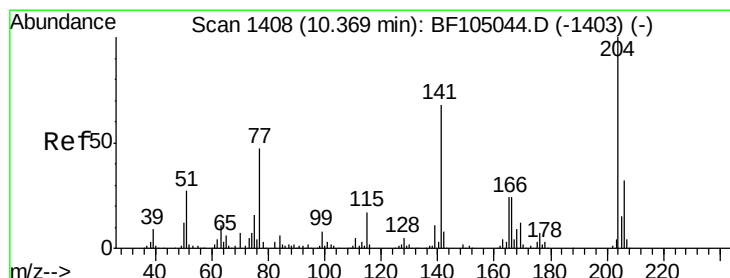
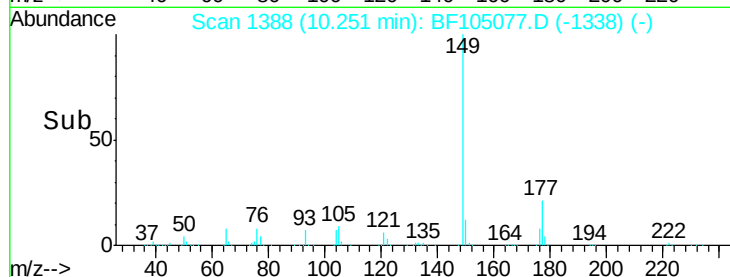
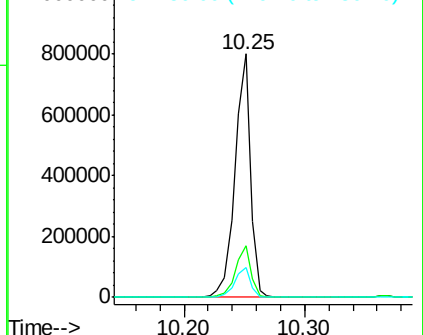
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.90 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

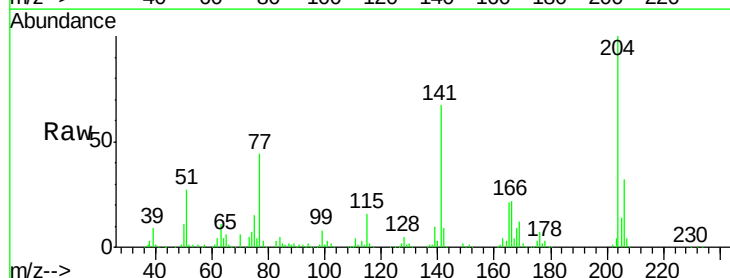
Tgt Ion:204 Resp: 302655

Ion Ratio Lower Upper

204 100

206 32.0 26.5 39.7

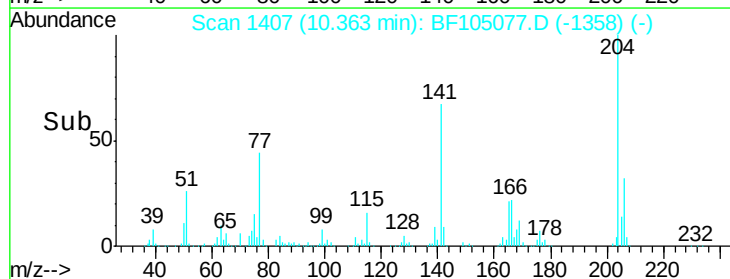
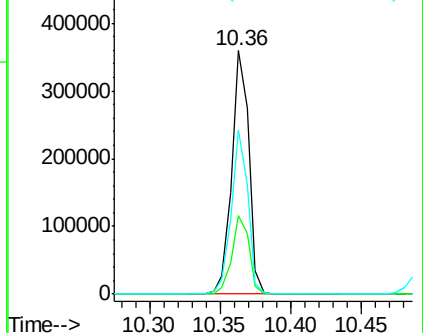
141 67.2 54.6 81.8

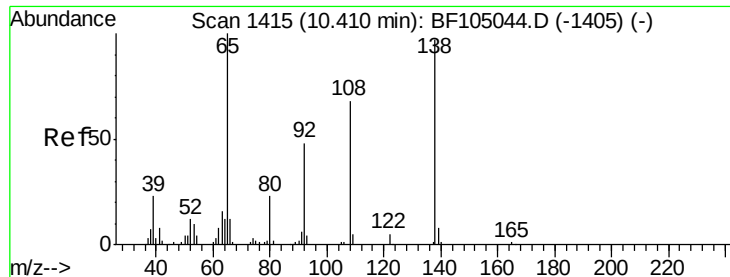


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

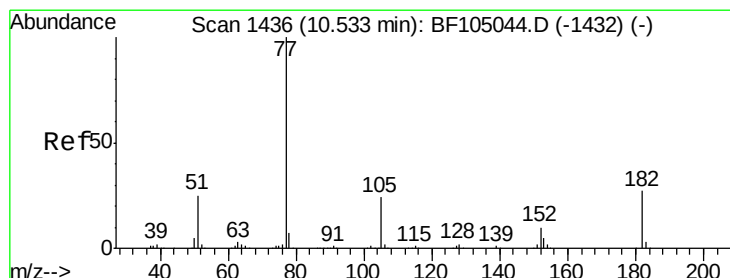
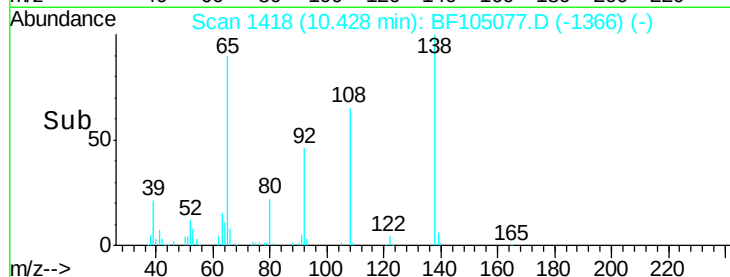
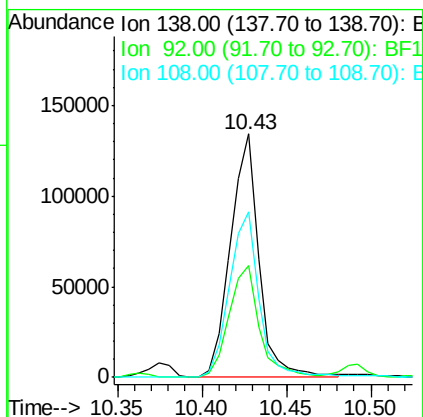
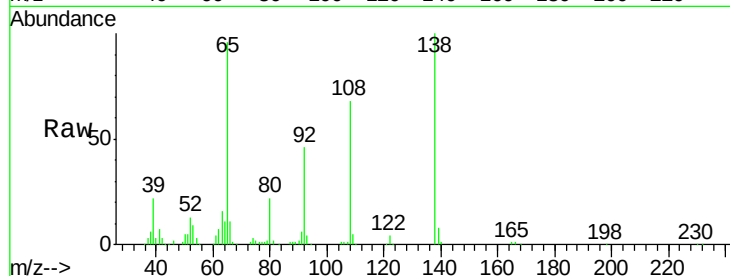




#61
4-Nitroaniline
Concen: 47.40 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

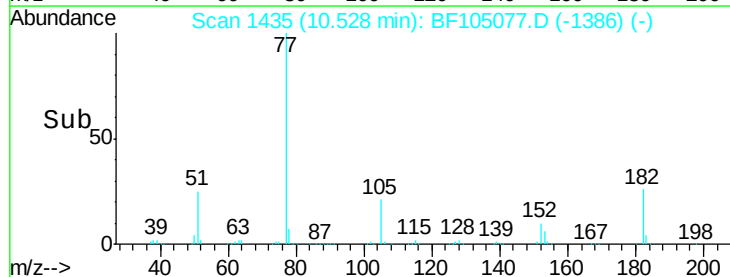
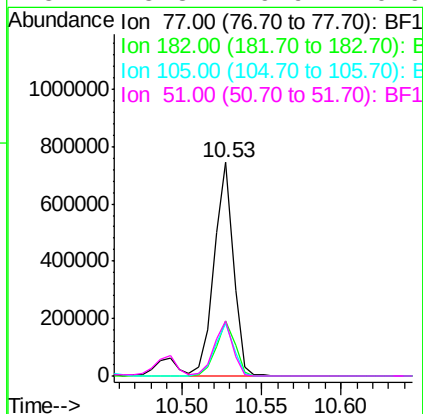
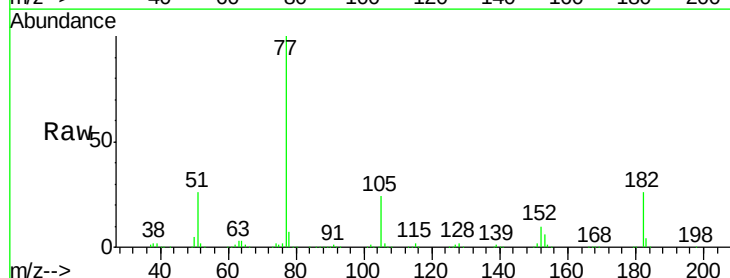
Instrument :
BNA_F
ClientSampled :

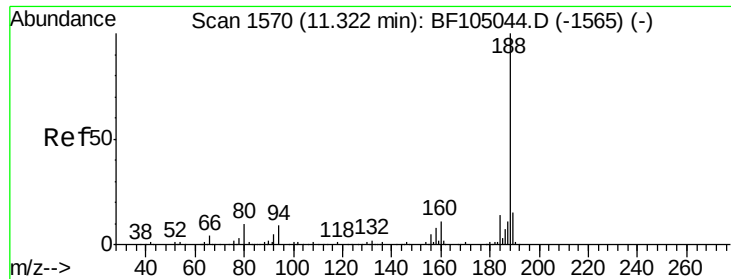
Tot Ion:138 Resp: 157855
Ion Ratio Lower Upper
138 100
92 45.9 30.2 70.2
108 67.8 52.5 92.5



#62
Azobenzene
Concen: 41.89 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion: 77 Resp: 626624
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 24.4 3.0 43.0
51 25.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

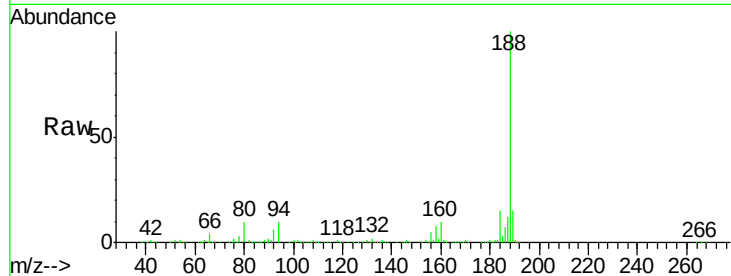
Tot Ion:188 Resp: 379278

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

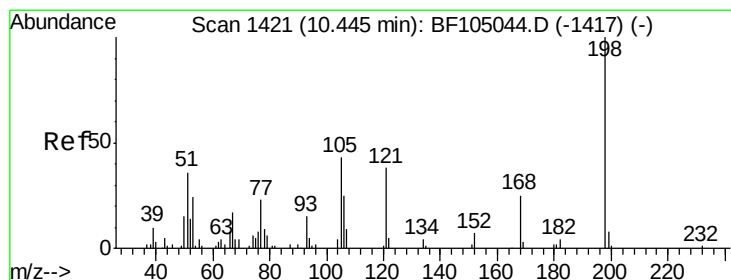
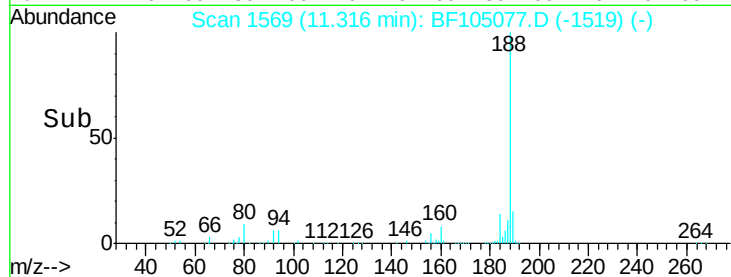
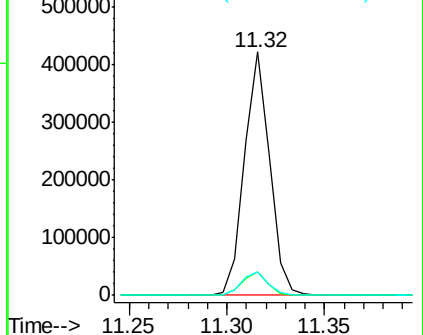
80 9.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 59.81 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

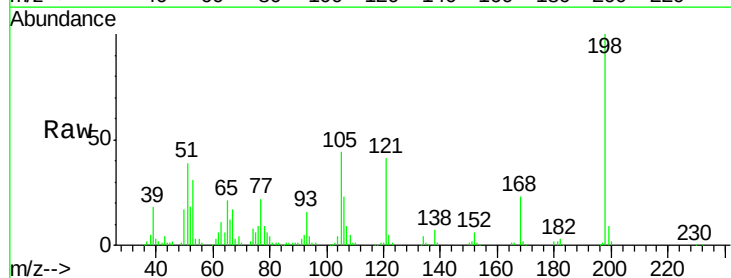
Tgt Ion:198 Resp: 114413

Ion Ratio Lower Upper

198 100

51 39.4 37.7 77.7

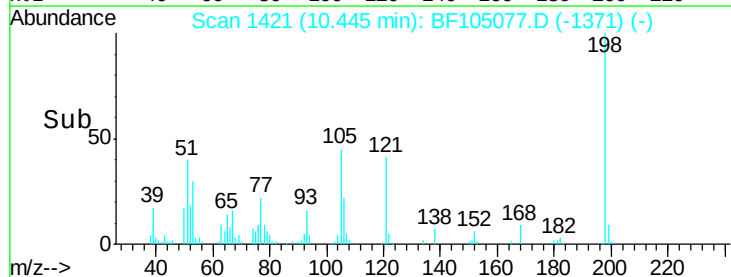
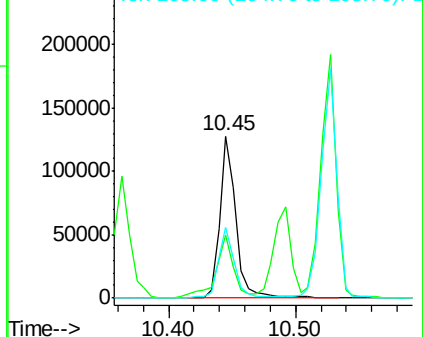
105 44.1 36.3 76.3

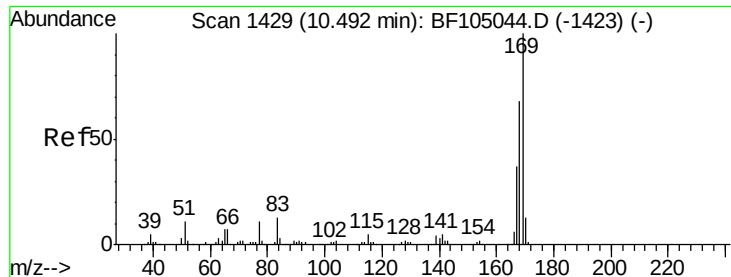


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

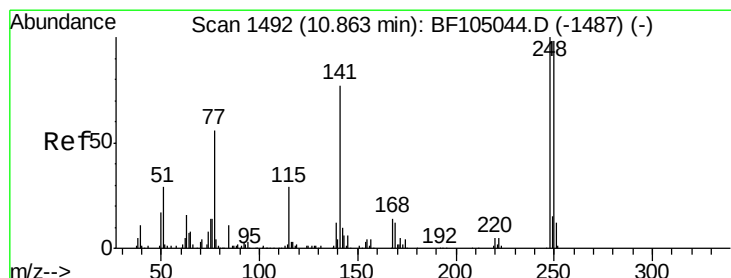
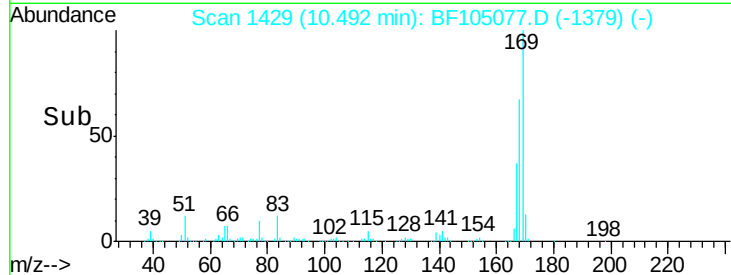
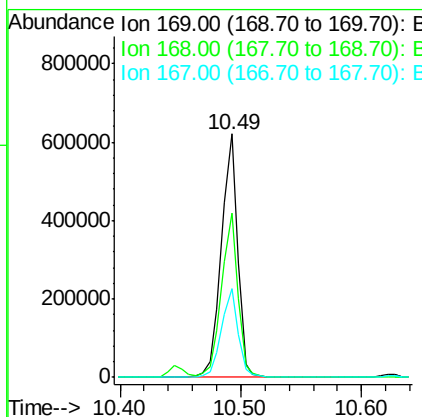
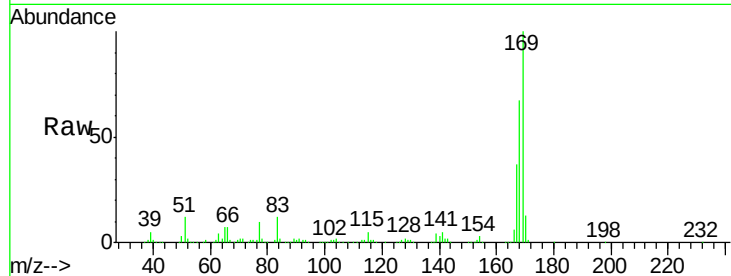




#65
 n-Nitrosodiphenylamine
 Concen: 43.94 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

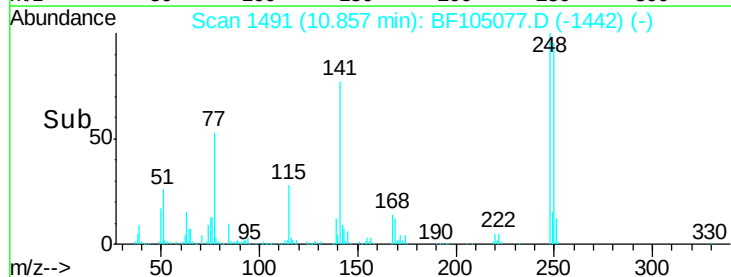
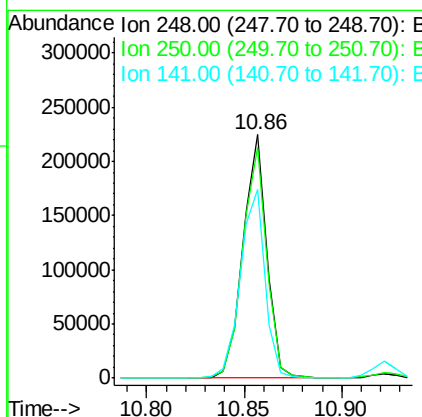
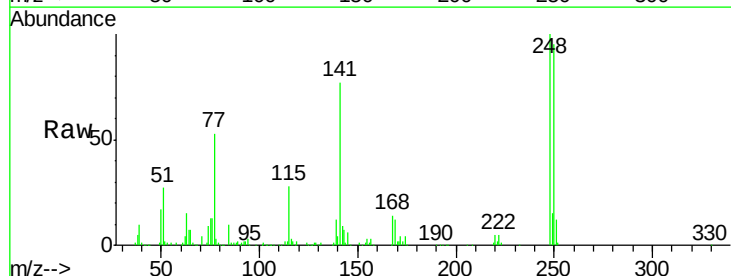
Instrument :
 BNA_F
 ClientSampleId :

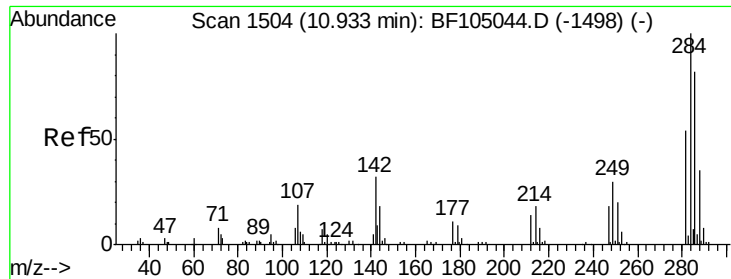
Tot Ion:169 Resp: 577794
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.10 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion:248 Resp: 190002
 Ion Ratio Lower Upper
 248 100
 250 94.7 76.9 115.3
 141 77.3 74.4 111.6

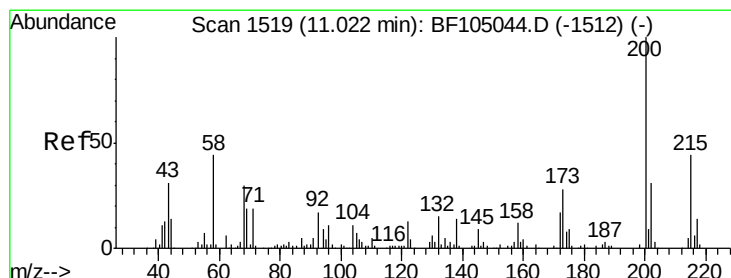
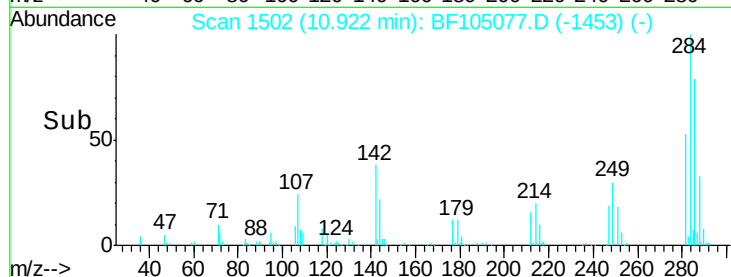
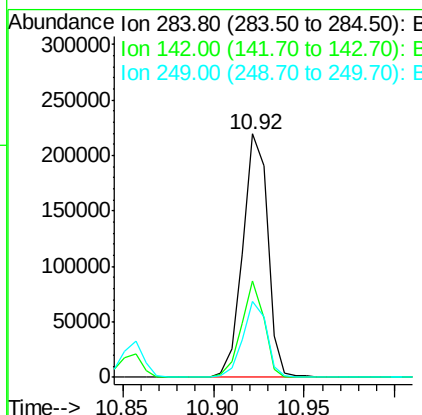
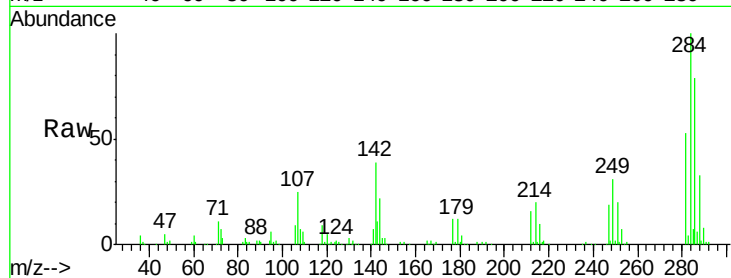




#67
Hexachlorobenzene
Concen: 46.30 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

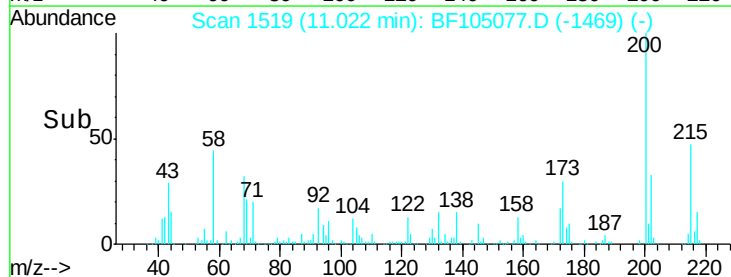
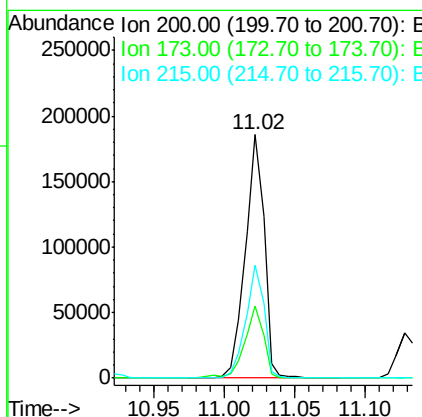
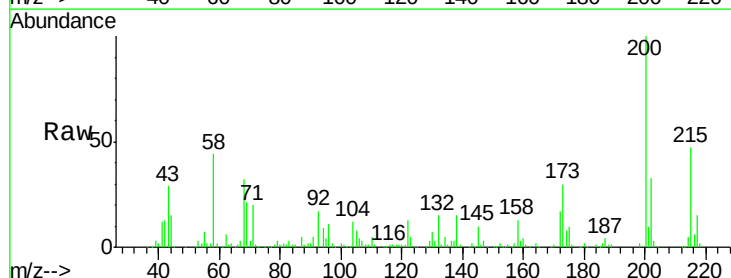
Instrument :
BNA_F
ClientSampled :

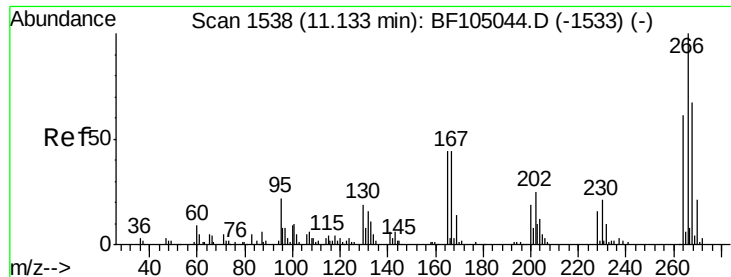
Tot Ion:284 Resp: 210173
Ion Ratio Lower Upper
284 100
142 39.4 34.6 52.0
249 31.3 24.8 37.2



#68
Atrazine
Concen: 43.84 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion:200 Resp: 174019
Ion Ratio Lower Upper
200 100
173 29.7 8.6 48.6
215 46.6 25.1 65.1

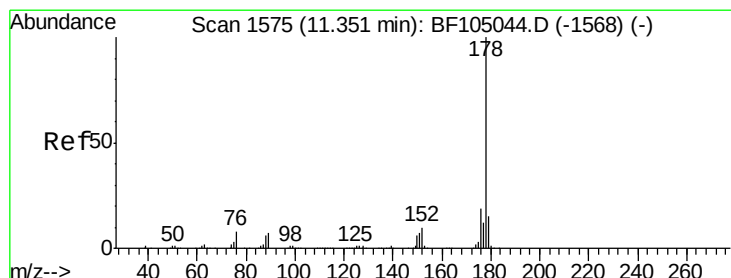
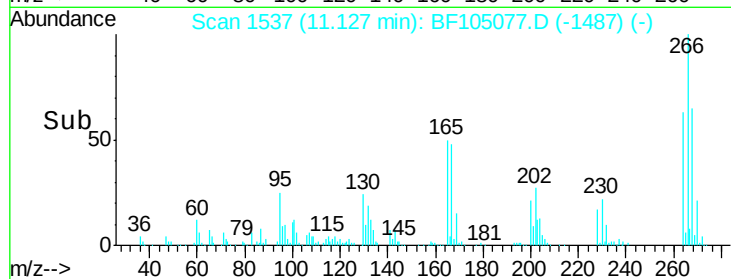
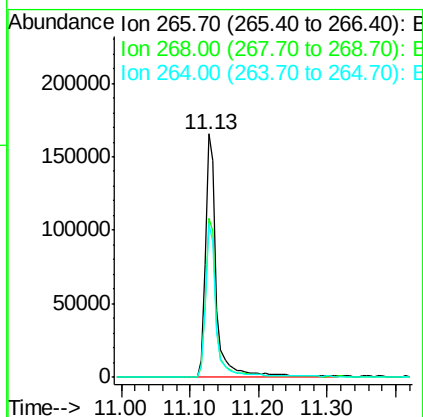
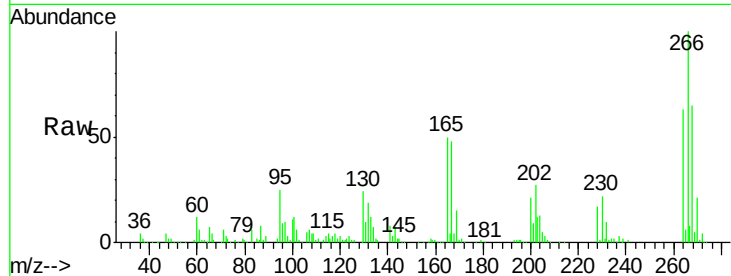




#69
 Pentachlorophenol
 Concen: 68.29 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

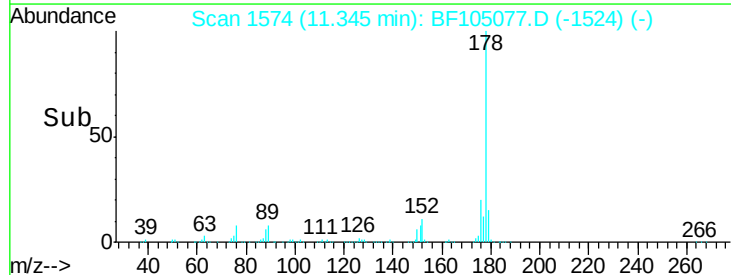
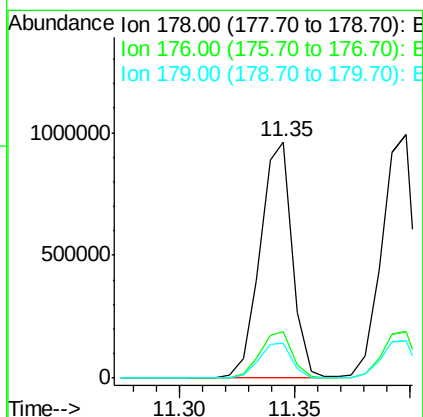
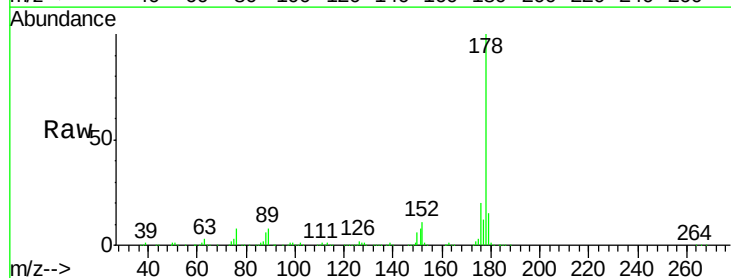
Instrument :
 BNA_F
 ClientSampleId :

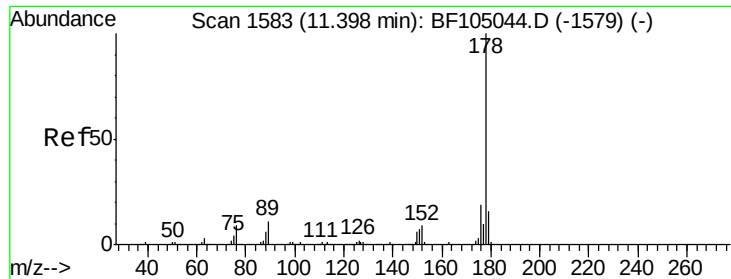
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	63.4	49.5	74.3



#70
 Phenanthrene
 Concen: 44.33 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.9	13.0	19.6

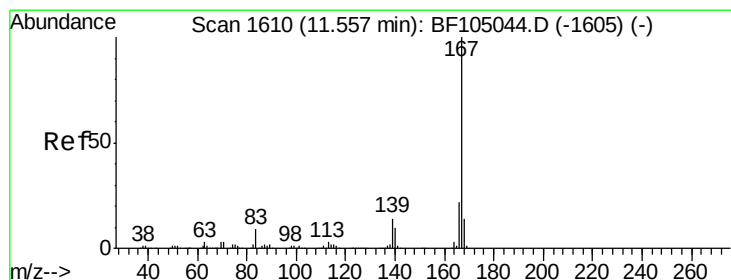
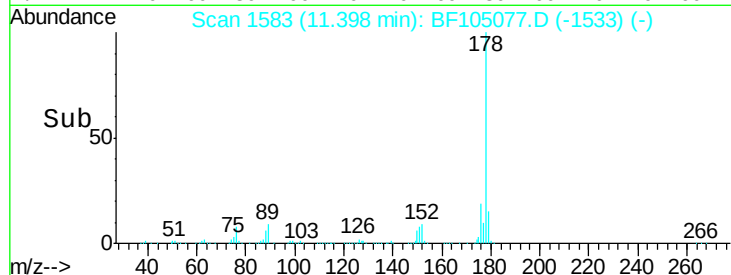
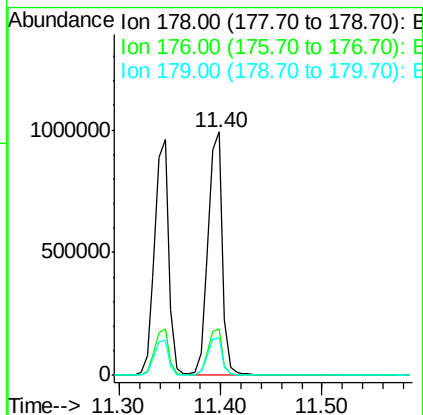
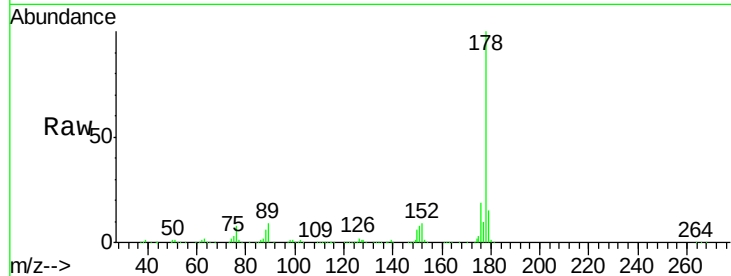




#71
 Anthracene
 Concen: 45.19 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

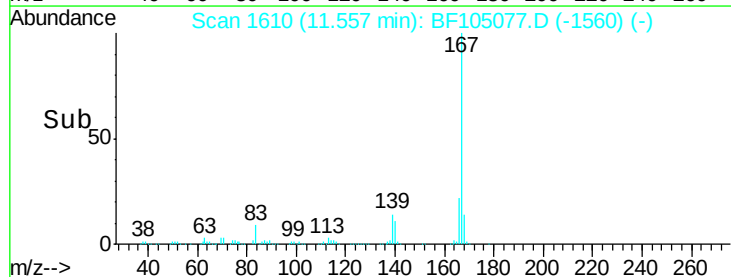
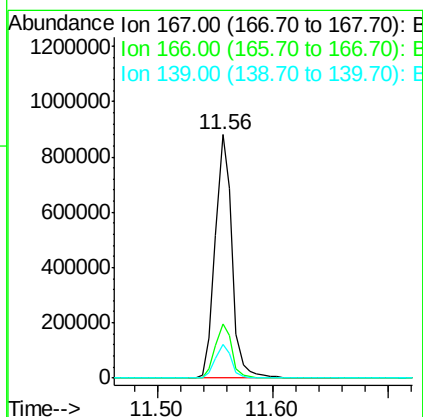
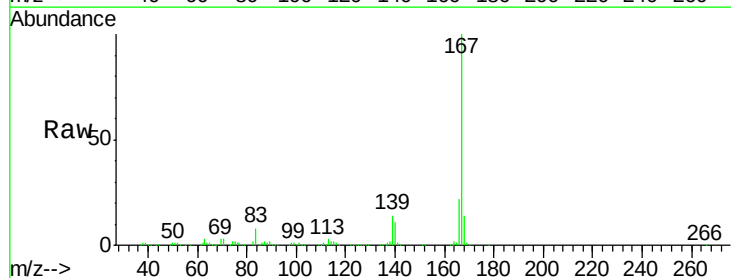
Instrument :
 BNA_F
 ClientSampleId :

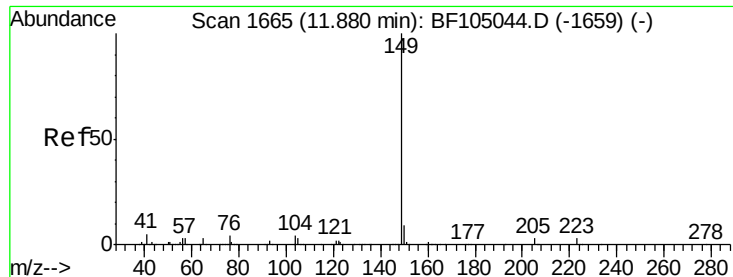
Tot Ion:178 Resp: 970238
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 42.49 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion:167 Resp: 891461
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.92 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

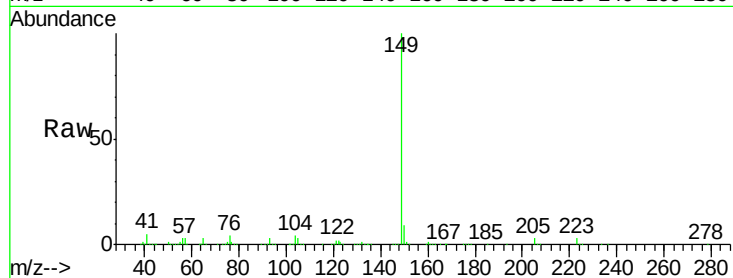
Tot Ion:149 Resp: 1151371

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

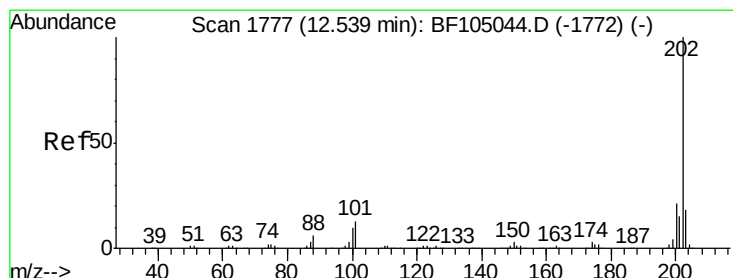
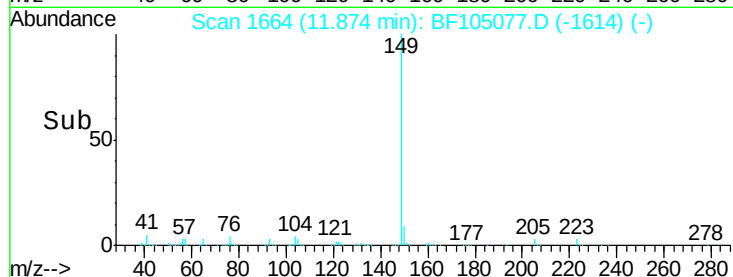
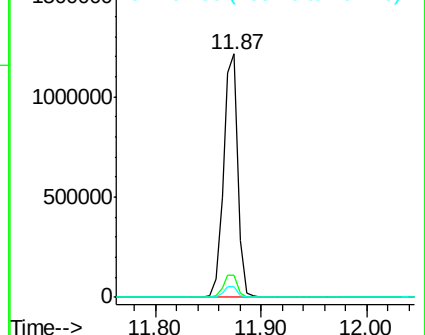
104 4.5 3.8 5.8



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: 44.43 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

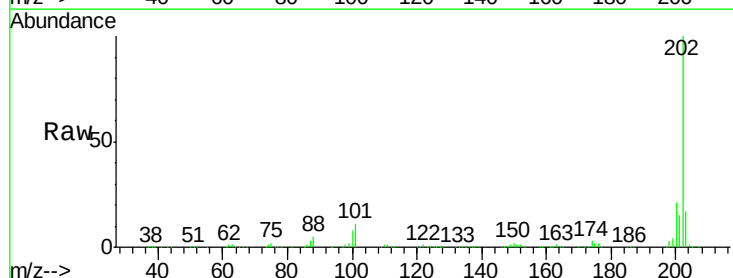
Tgt Ion:202 Resp: 980572

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

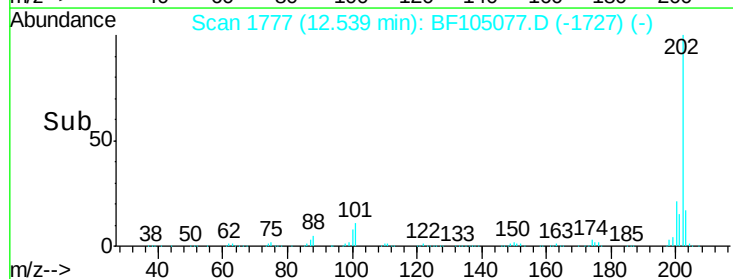
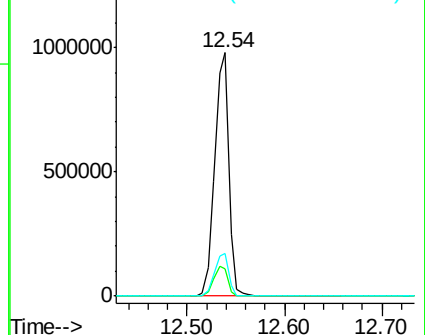
203 17.5 0.0 38.1

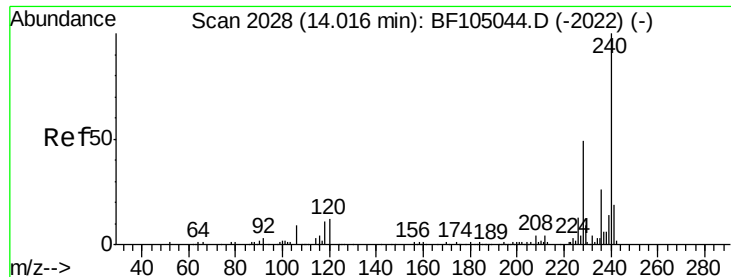


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

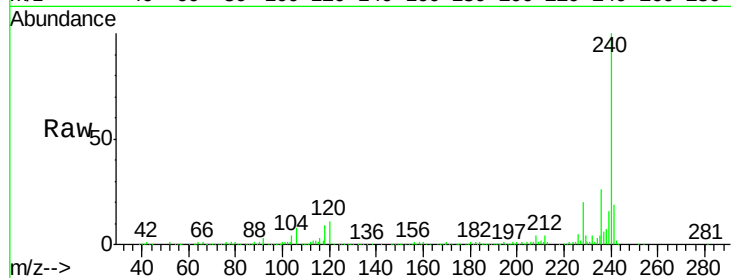
Tot Ion:240 Resp: 283178

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

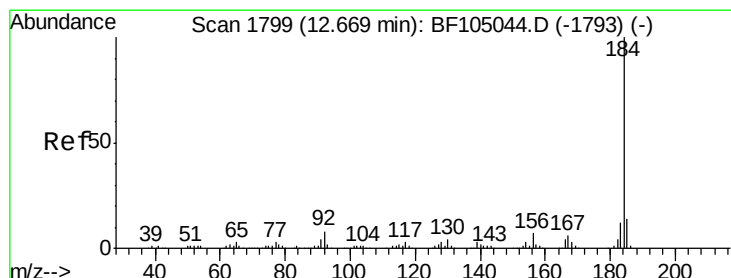
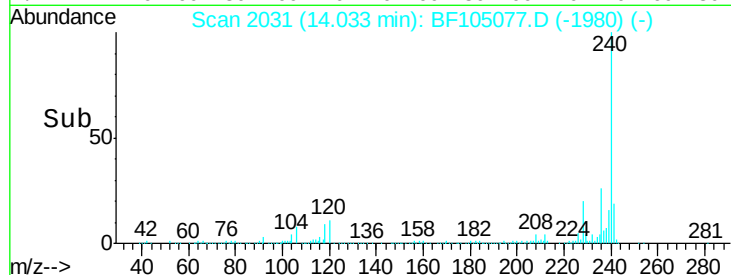
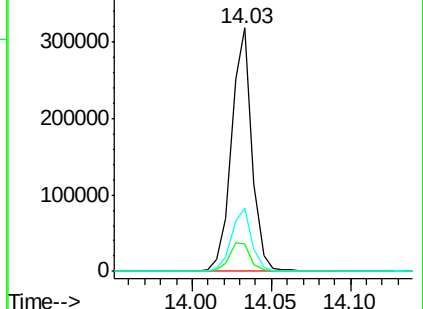
236 26.0 20.7 31.1



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: 16.52 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

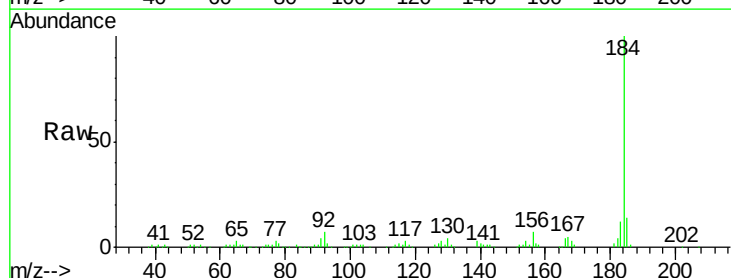
Tgt Ion:184 Resp: 198058

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

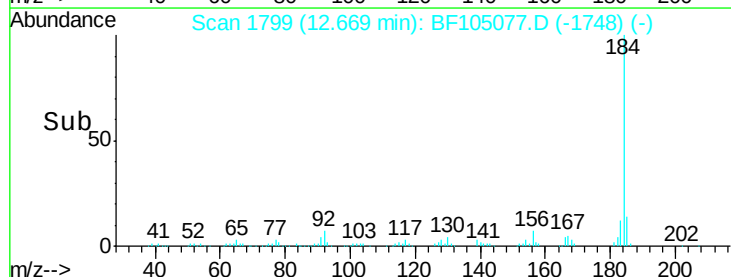
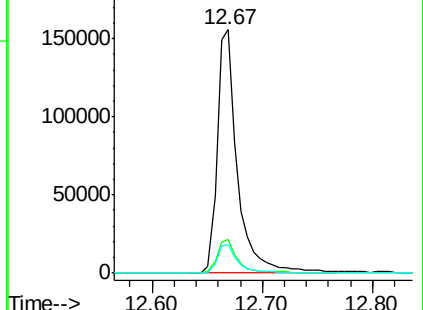
183 11.7 9.3 13.9

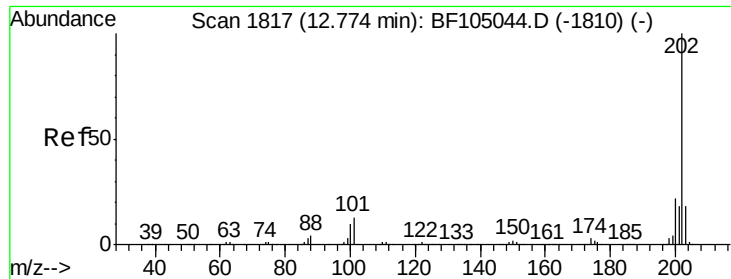


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

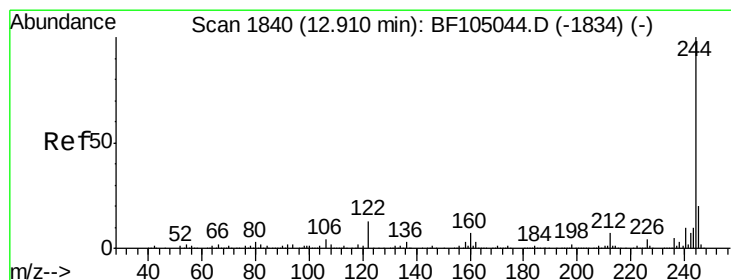
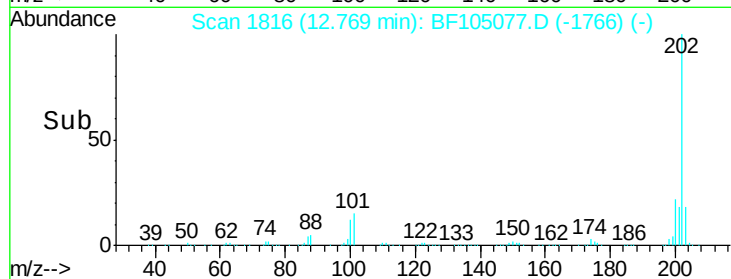
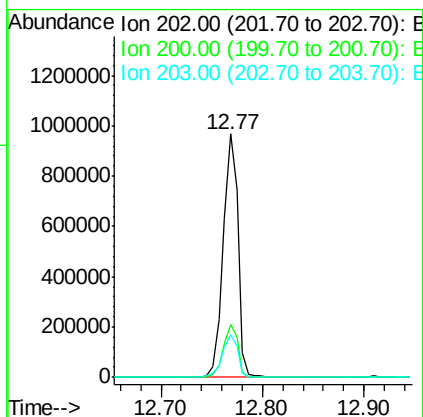
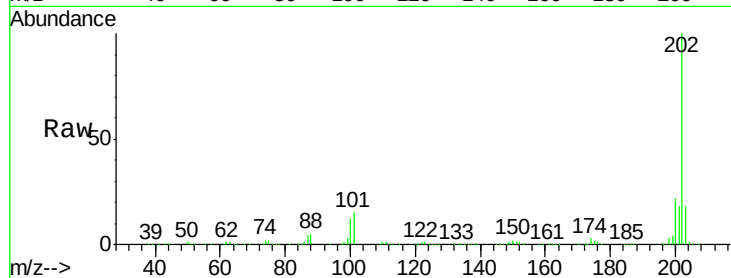




#77
Pvrene
Concen: 46.44 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

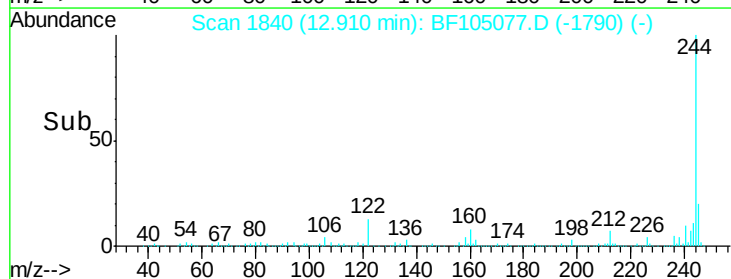
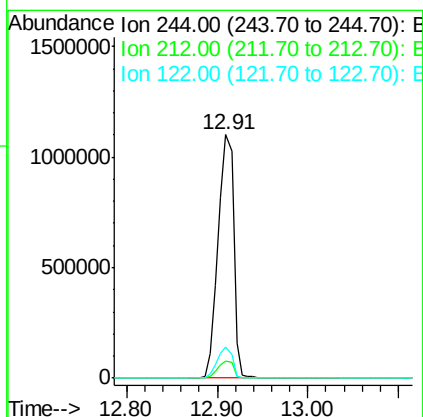
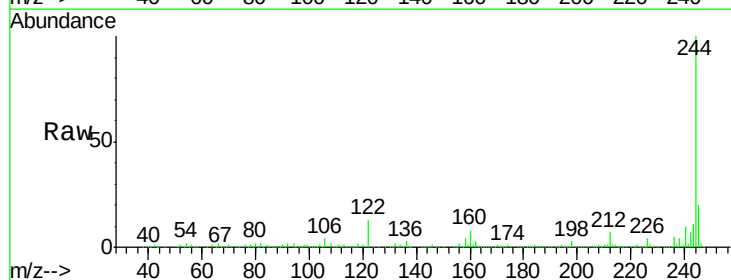
Instrument :
BNA_F
ClientSampleId :

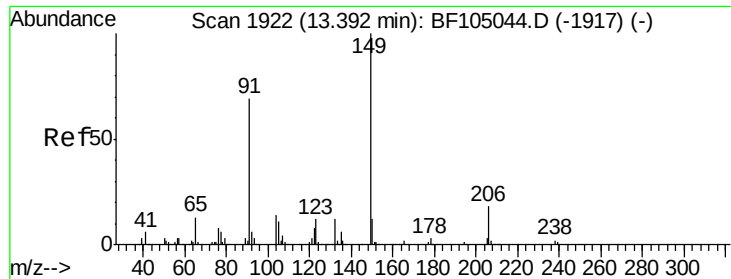
Tot Ion:202 Resp: 974855
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 104.98 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion:244 Resp: 1303969
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.0 11.0 16.4

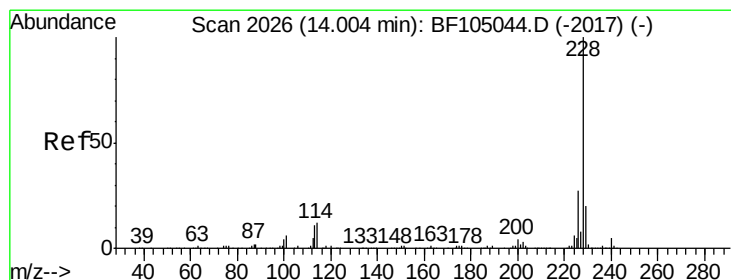
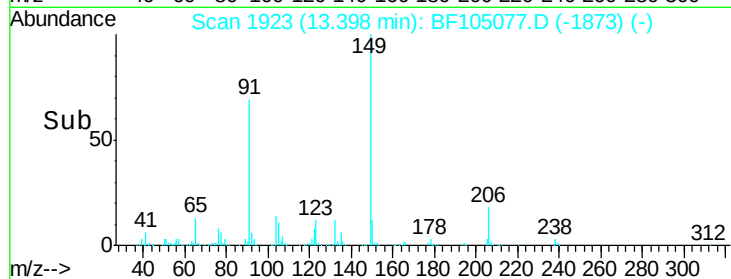
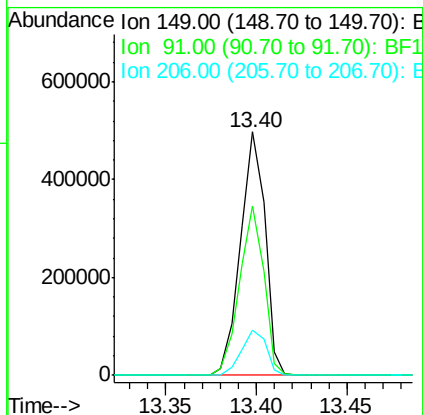
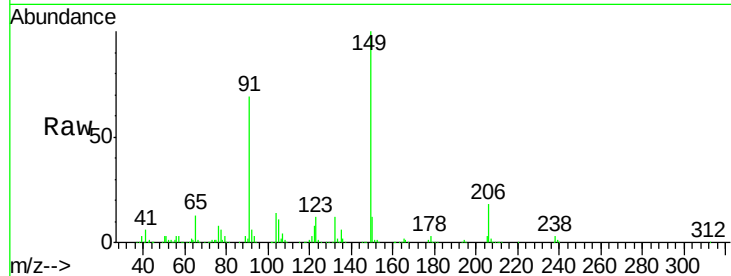




#79
Butylbenzylphthalate
Concen: 47.77 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

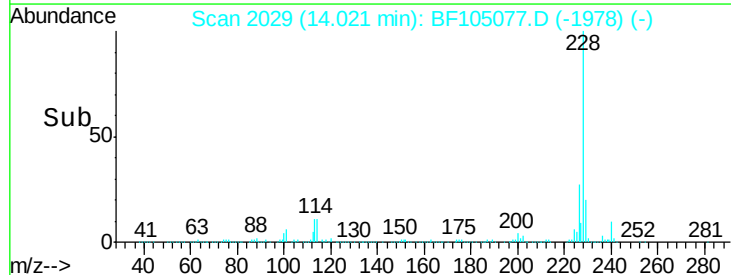
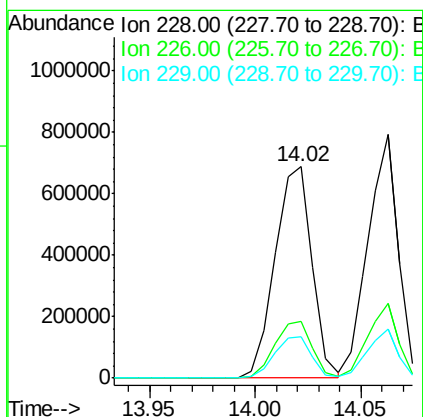
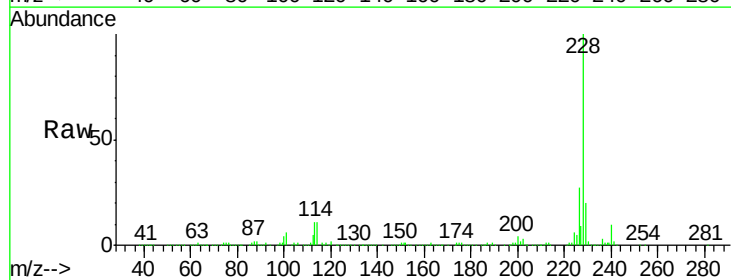
Instrument :
BNA_F
ClientSampleId :

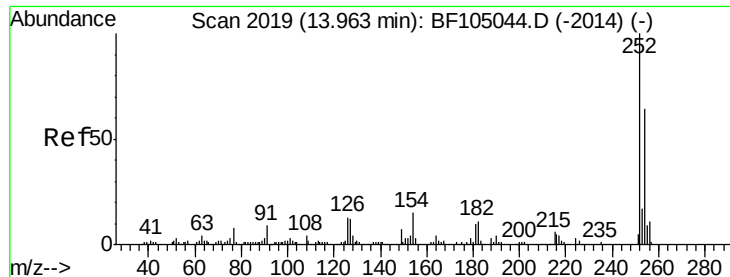
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 49.58 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.6	15.8	23.6

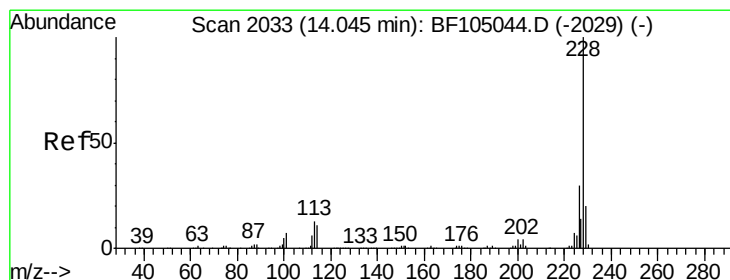
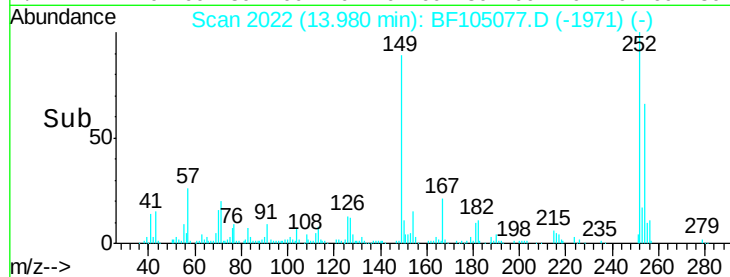
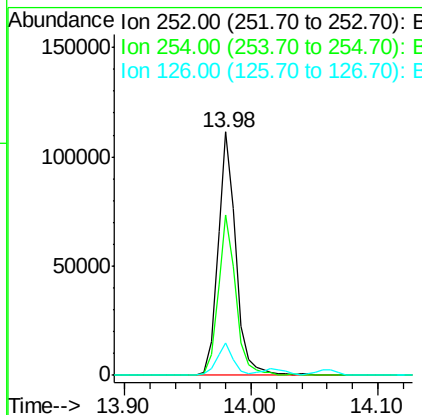
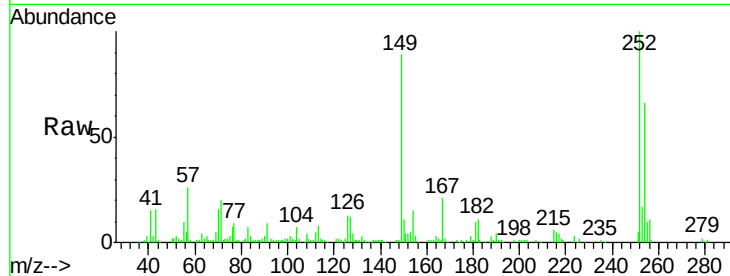




#81
 3,3'-Dichlorobenzidine
 Concen: 17.45 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

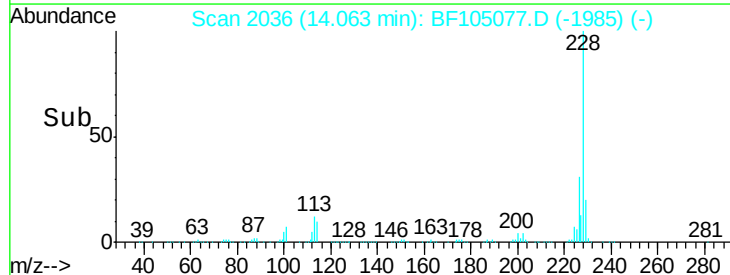
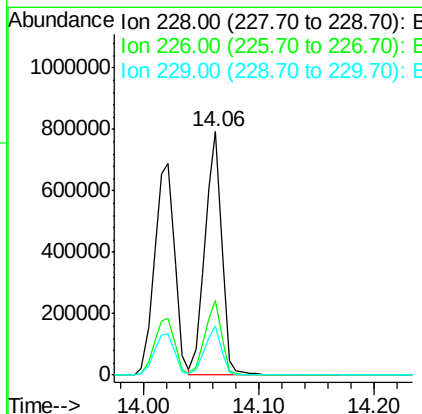
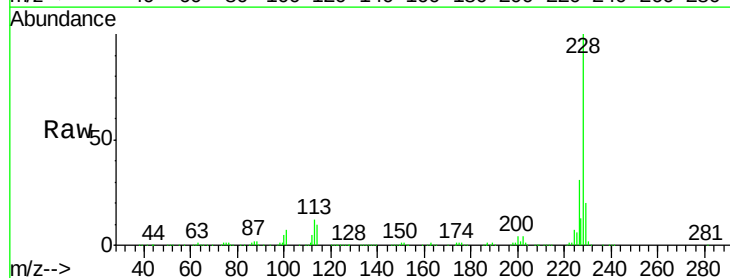
Instrument :
 BNA_F
 ClientSampled :

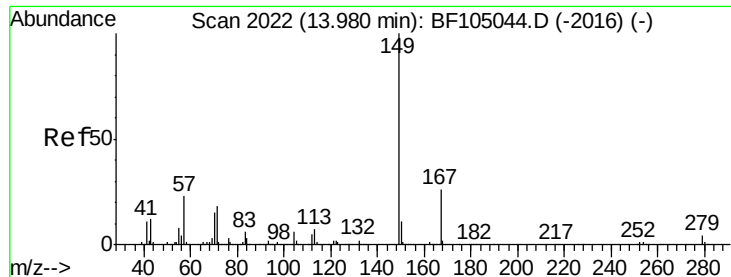
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.4	75.6
126	13.2	11.3	16.9



#82
 Chrysene
 Concen: 46.24 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.42 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

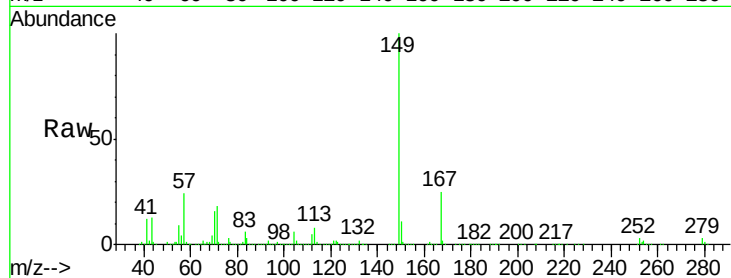
Tot Ion:149 Resp: 654081

Ion Ratio Lower Upper

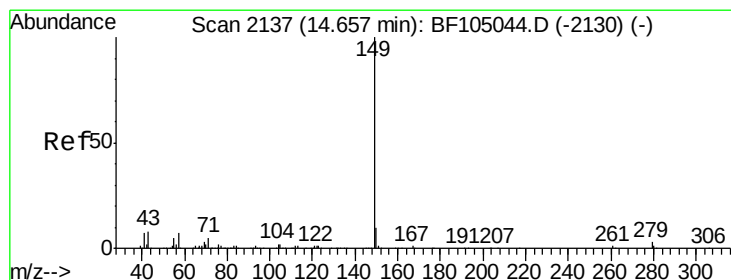
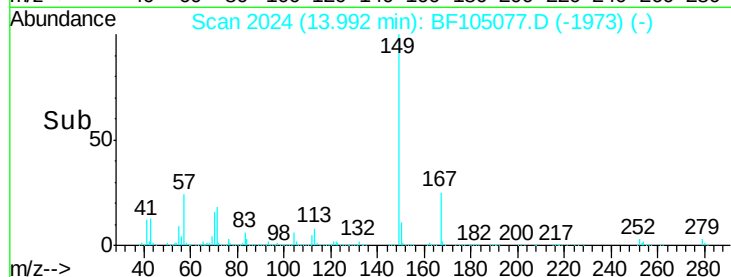
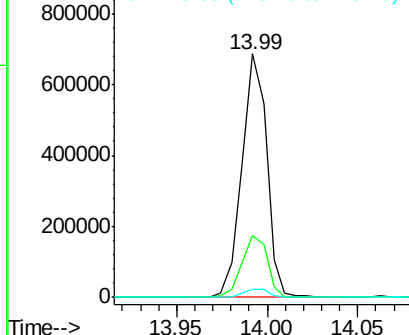
149 100

167 25.4 21.3 31.9

279 3.2 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 49.21 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

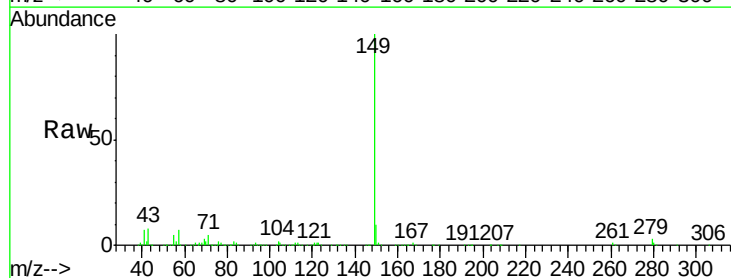
Tgt Ion:149 Resp: 1045872

Ion Ratio Lower Upper

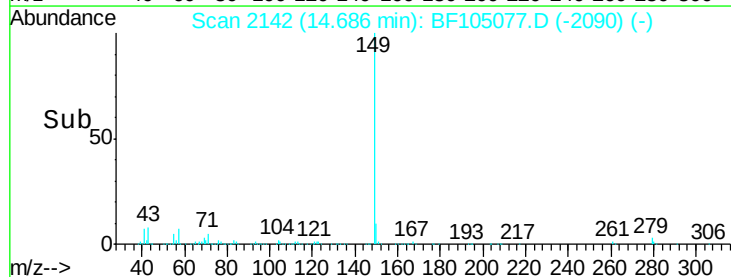
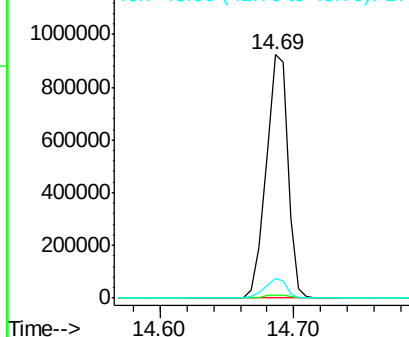
149 100

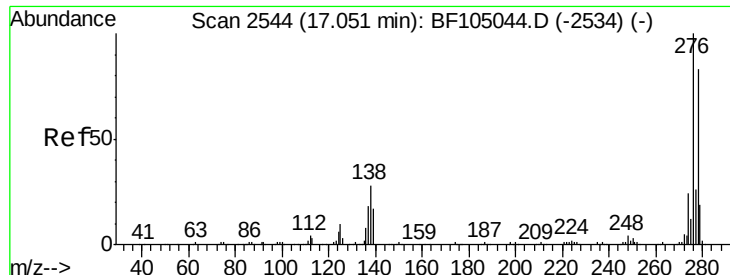
167 1.5 1.2 1.8

43 7.7 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

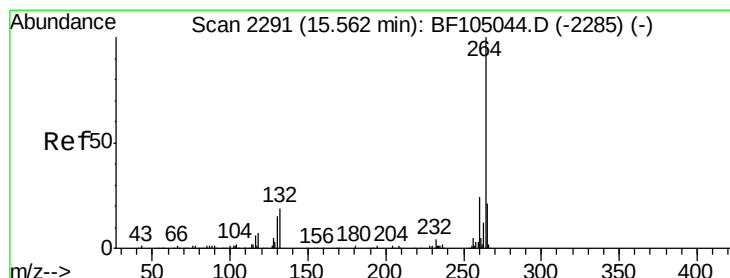
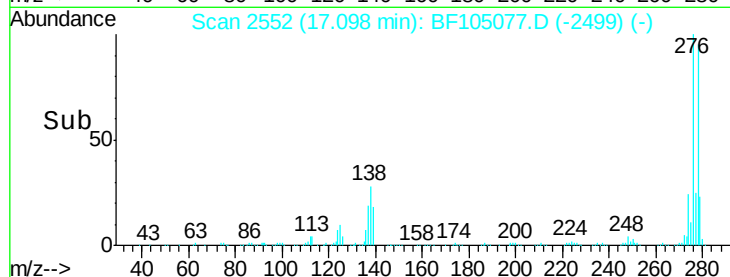
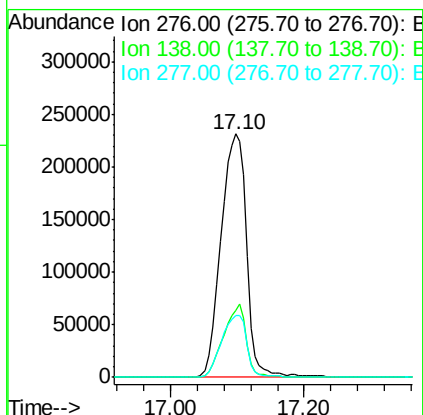
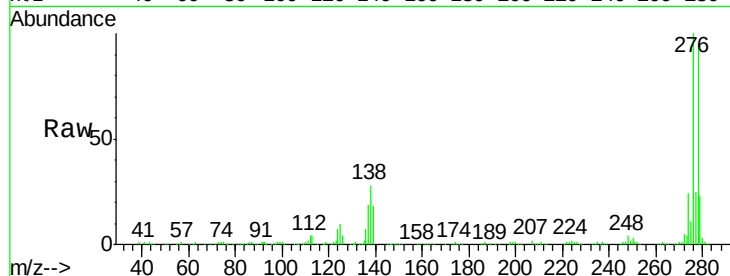




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.55 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. 0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

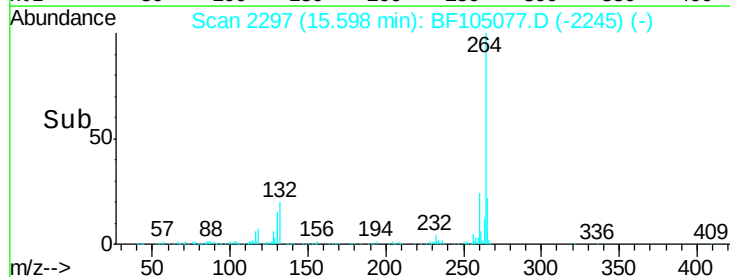
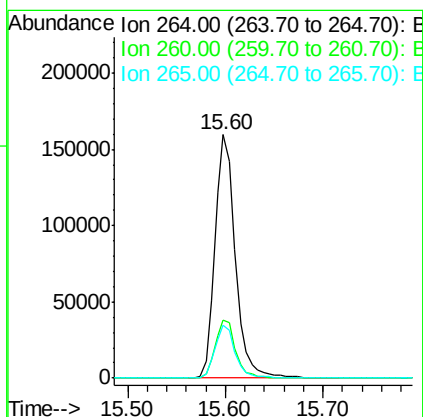
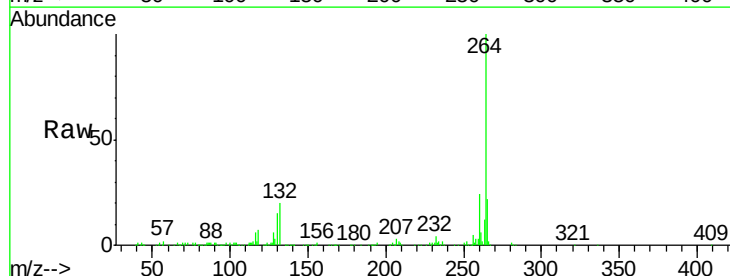
Instrument :
 BNA_F
 ClientSampleId :

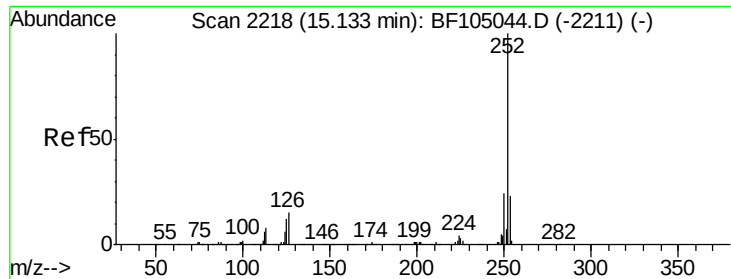
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.0	37.6
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. 0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 47.27 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

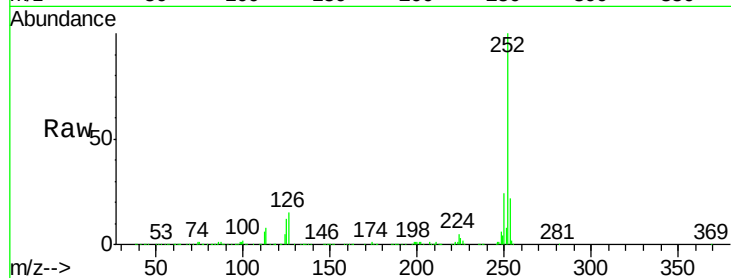
Tot Ion:252 Resp: 686512

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

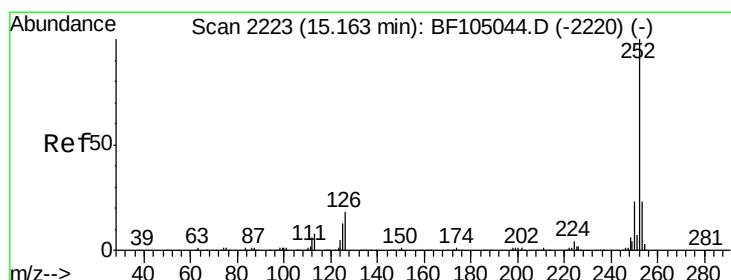
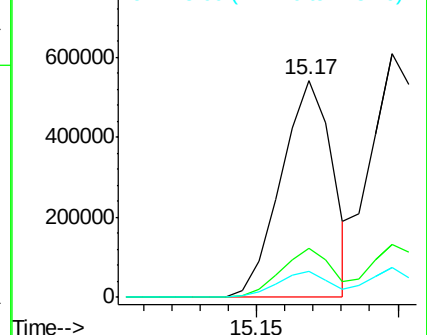
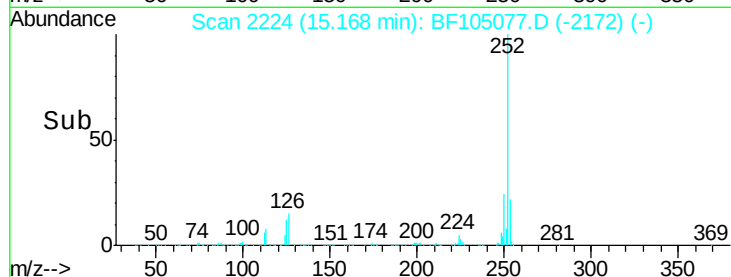
125 11.7 9.0 13.6



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: 50.88 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

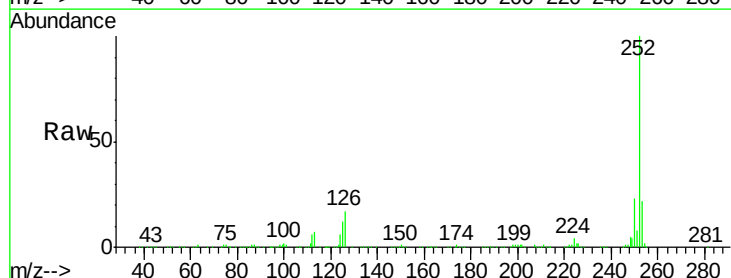
Tgt Ion:252 Resp: 697695

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

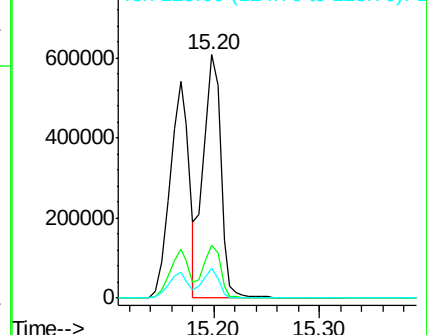
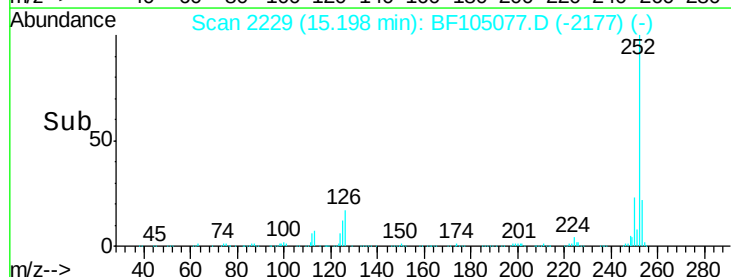
125 12.4 10.2 15.2

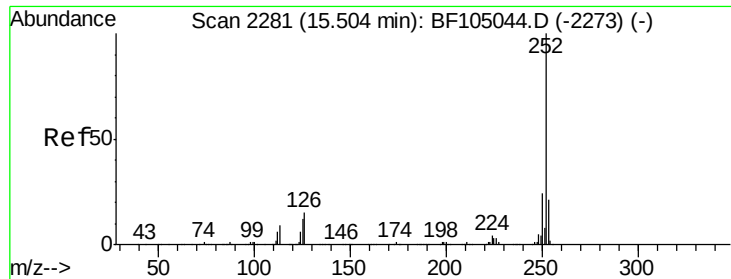


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.99 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

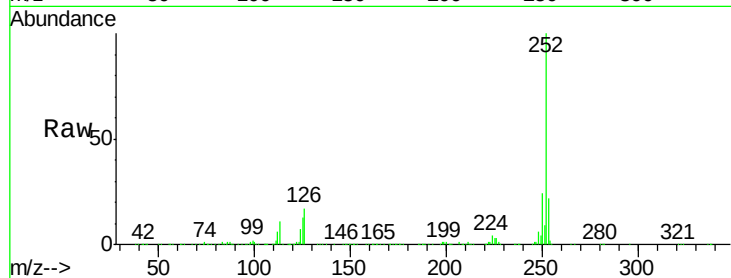
Tot Ion:252 Resp: 636652

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

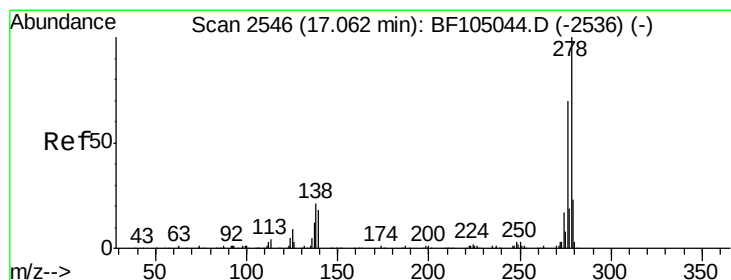
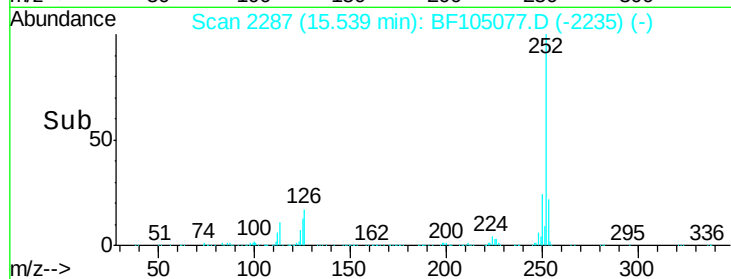
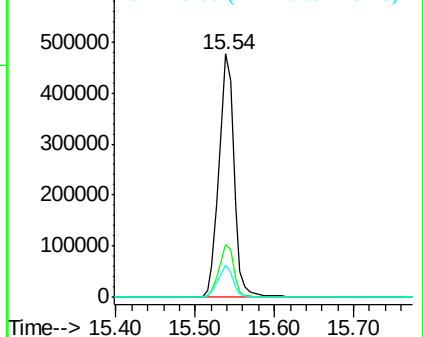
125 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.02 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

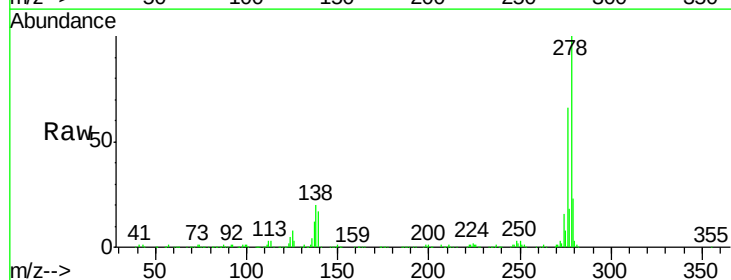
Tgt Ion:278 Resp: 523172

Ion Ratio Lower Upper

278 100

139 16.6 15.9 23.9

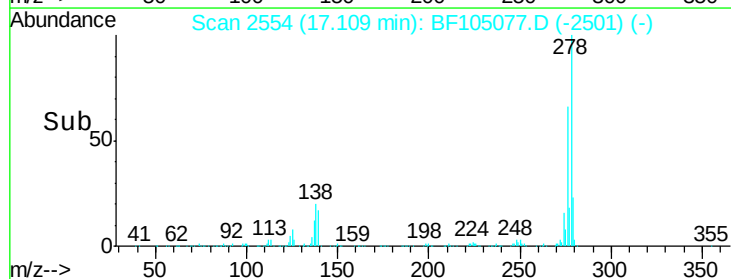
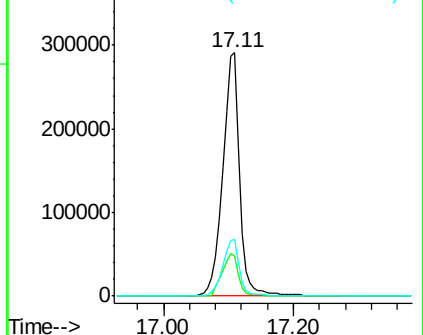
279 23.2 19.0 28.4

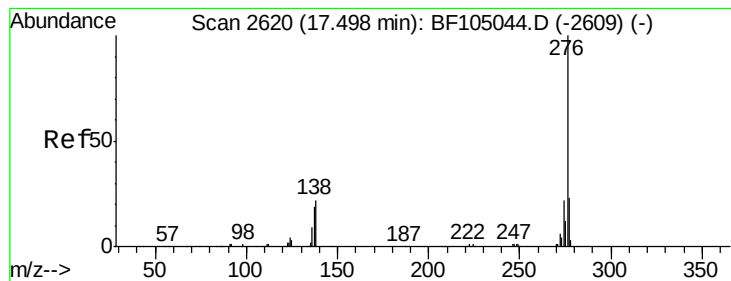


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

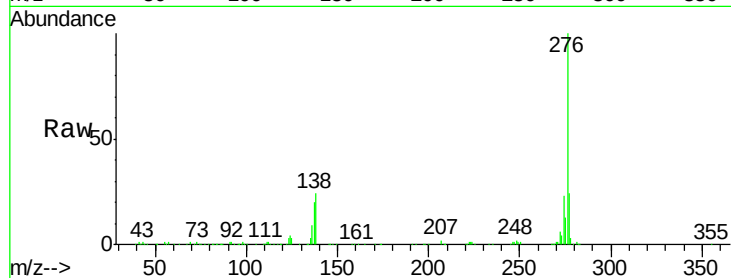




#91
 Benzo(a,h,i)perylene
 Concen: 50.37 ng
 RT: 17.54 min Scan# 2627
 Delta R.T. 0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	23.8	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

