

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105084.D
 Acq On : 3 May 2018 20:31
 Operator : JU/SJ
 Sample : J2667-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:58:34 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	107909	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	451499	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	202886	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	346962	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	197317	20.00	ng	-0.05
86) Perylene-d12	15.51	264	186022	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	784458	111.16	ng	0.00
7) Phenol-d6	6.44	99	912701	105.26	ng	0.00
23) Nitrobenzene-d5	7.36	82	566350	81.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	236250	112.25	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1038904	80.89	ng	-0.02
78) Terphenyl-d14	12.90	244	862702	99.68	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	87094	26.49	ng	88
3) Pyridine	3.29	79	226432	24.49	ng	# 84
4) n-Nitrosodimethylamine	3.24	42	92511	28.62	ng	# 75
6) Aniline	6.45	93	191923	15.93	ng	# 1
8) 2-Chlorophenol	6.57	128	290556	39.01	ng	93
9) Benzaldehyde	6.33	77	179319	41.33	ng	97
10) Phenol	6.45	94	339254	36.87	ng	75
11) bis(2-Chloroethyl)ether	6.52	93	273633	37.27	ng	93
12) 1,3-Dichlorobenzene	6.72	146	299020	35.44	ng	98
13) 1,4-Dichlorobenzene	6.80	146	311817	37.07	ng	99
14) 1,2-Dichlorobenzene	6.95	146	285484	36.62	ng	97
15) Benzyl Alcohol	6.94	79	214446	32.56	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	295248	29.94	ng	# 5
17) 2-Methylphenol	7.06	107	230614	35.62	ng	# 86
18) Hexachloroethane	7.28	117	109925	36.65	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	189215	33.39	ng	91
20) 3+4-Methylphenols	7.22	107	313461	39.03	ng	96
22) Acetophenone	7.20	105	396445	35.67	ng	# 93
24) Nitrobenzene	7.37	77	286574	37.54	ng	95
25) Isophorone	7.61	82	517674	35.40	ng	98
26) 2-Nitrophenol	7.69	139	161219	51.88	ng	94
27) 2,4-Dimethylphenol	7.73	122	244598	37.90	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	337465	37.75	ng	99
29) 2,4-Dichlorophenol	7.94	162	247634	40.22	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	250806	37.12	ng	99
31) Naphthalene	8.09	128	825513	36.72	ng	100
32) Benzoic acid	7.86	122	46413	9.01	ng	93
33) 4-Chloroaniline	8.16	127	79503	8.25	ng	97
34) Hexachlorobutadiene	8.19	225	140545	37.97	ng	99
35) Caprolactam	8.53	113	72922	33.95	ng	# 71
36) 4-Chloro-3-methylphenol	8.65	107	249550	37.80	ng	96
37) 2-Methylnaphthalene	8.78	142	537729	36.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	240149	41.35	ng	99
40) Hexachlorocyclopentadiene	8.92	237	124809	38.39	ng	98

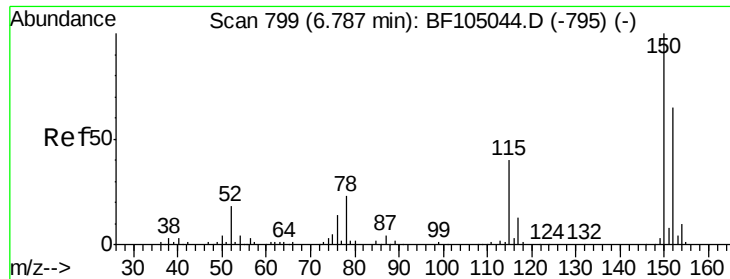
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	158646	39.35	nq	97
43) 2,4,5-Trichlorophenol	9.12	196	161267	35.75	nq	96
45) 1,1'-Biphenyl	9.25	154	639498	37.52	nq	98
46) 2-Chloronaphthalene	9.27	162	503477	37.40	nq	99
47) 2-Nitroaniline	9.38	65	139873	42.01	nq	95
48) Acenaphthylene	9.69	152	711370	33.68	nq	100
49) Dimethylphthalate	9.55	163	701376	43.84	nq	100
50) 2,6-Dinitrotoluene	9.62	165	130807	44.18	nq	87
51) Acenaphthene	9.86	154	430294	33.39	nq	98
52) 3-Nitroaniline	9.80	138	65953	19.03	nq	91
53) 2,4-Dinitrophenol	9.91	184	101646	82.00	nq	# 20
54) Dibenzofuran	10.03	168	627598	34.94	nq	96
55) 4-Nitrophenol	9.99	139	133662	49.10	nq	93
56) 2,4-Dinitrotoluene	10.03	165	155890	40.14	nq	# 86
57) Fluorene	10.37	166	515073	39.40	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	125819	37.38	nq	95
59) Diethylphthalate	10.25	149	569984	35.77	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	244915	42.07	nq	95
61) 4-Nitroaniline	10.42	138	117059	34.54	nq	98
62) Azobenzene	10.52	77	494263	32.47	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	76957	45.92	nq	82
65) n-Nitrosodiphenylamine	10.49	169	453242	37.68	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	143860	38.98	nq	96
67) Hexachlorobenzene	10.92	284	157879	38.02	nq	# 89
68) Atrazine	11.02	200	133489	36.76	nq	99
69) Pentachlorophenol	11.13	266	131959	51.36	nq	98
70) Phenanthrene	11.34	178	719874	37.26	nq	99
71) Anthracene	11.39	178	722057	36.76	nq	99
72) Carbazole	11.56	167	649354	33.83	nq	100
73) Di-n-butylphthalate	11.87	149	861506	36.75	nq	99
74) Fluoranthene	12.53	202	688094	34.08	nq	96
76) Benzydine	12.66	184	104408	11.26	nq	98
77) Pyrene	12.76	202	648693	44.35	nq	100
79) Butylbenzylphthalate	13.37	149	301491	43.76	nq	99
80) Benzo(a)anthracene	13.98	228	488666	41.45	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	88922	20.23	nq	98
82) Chrysene	14.02	228	463392	38.27	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	412733	46.57	nq	100
84) Di-n-octyl phthalate	14.61	149	625553	42.24	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.99	276	436420	42.43	nq	95
87) Benzo(b)fluoranthene	15.08	252	431675	36.74	nq	100
88) Benzo(k)fluoranthene	15.11	252	425786	38.39	nq	99
89) Benzo(a)pyrene	15.45	252	412137	39.21	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	365142	42.29	nq	98
91) Benzo(g,h,i)perylene	17.43	276	355281	42.47	nq	95

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

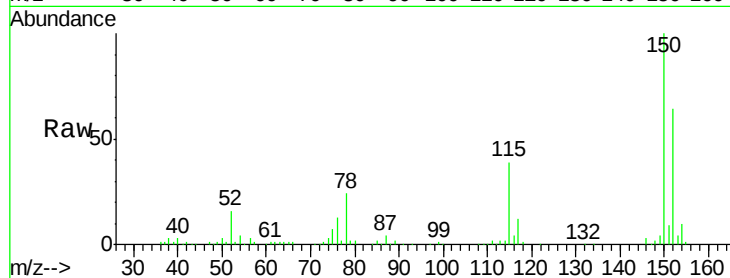


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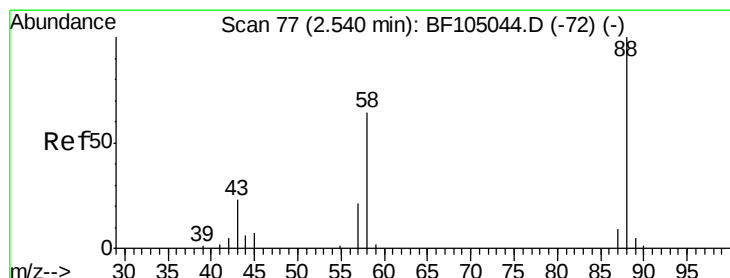
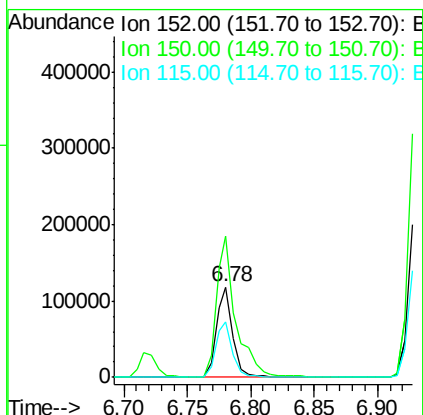
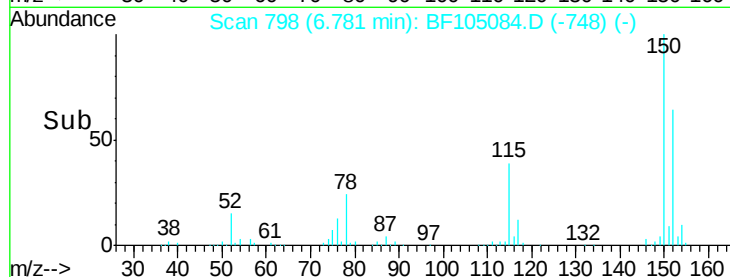
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107909
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 60.9 50.1 75.1



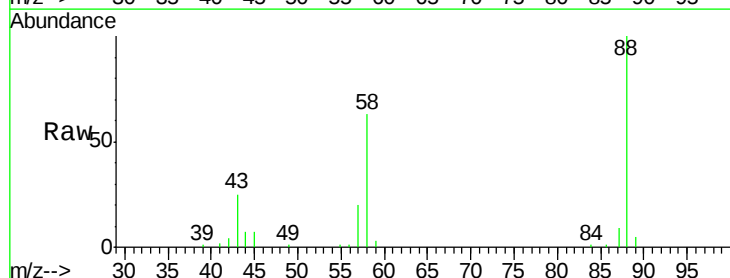
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



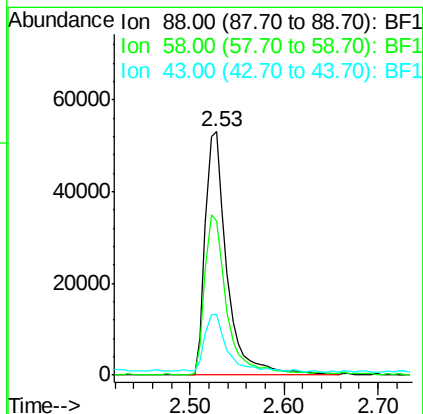
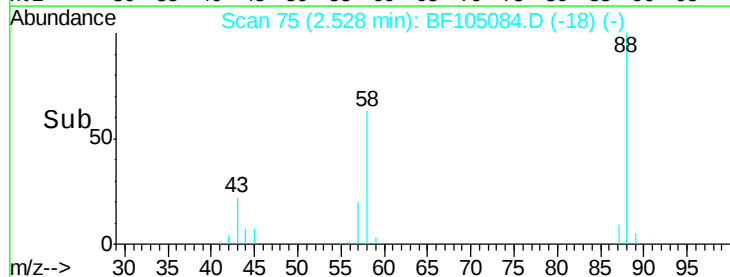
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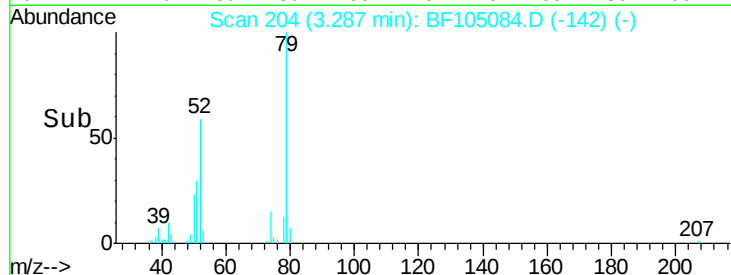
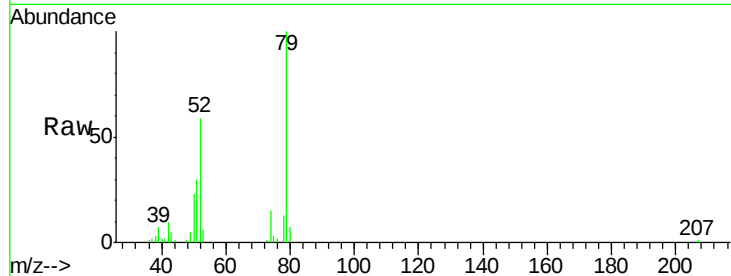
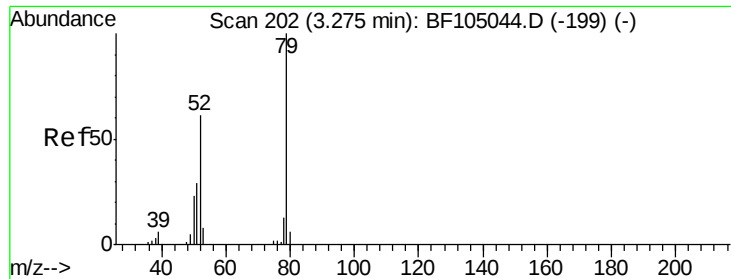
1,4-Dioxane
Concen: 26.49 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.04 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion: 88 Resp: 87094
Ion Ratio Lower Upper
88 100
58 66.8 62.6 93.8
43 25.2 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

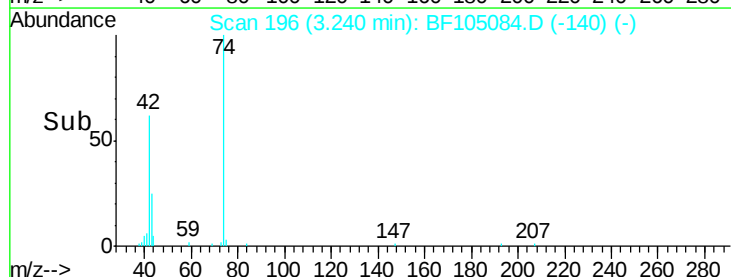
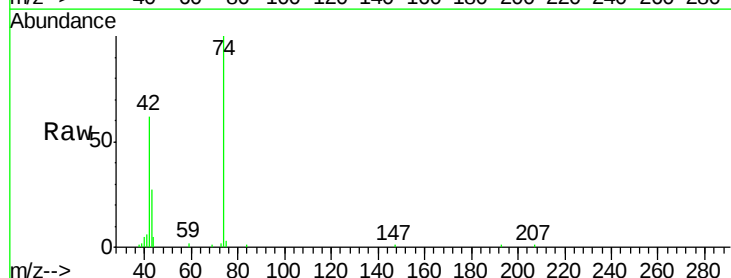
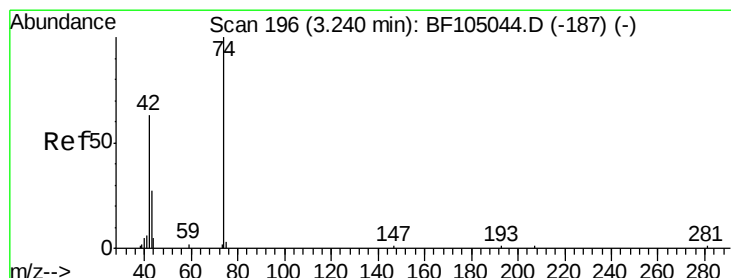
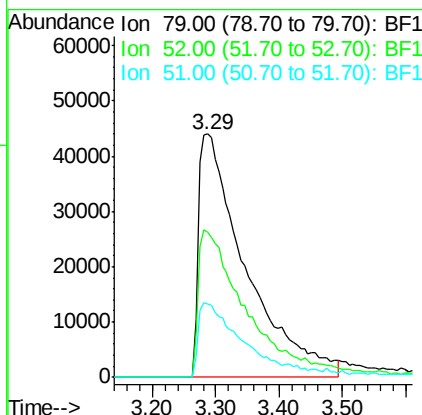




#3
 Pvridine
 Concen: 24.49 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.06 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

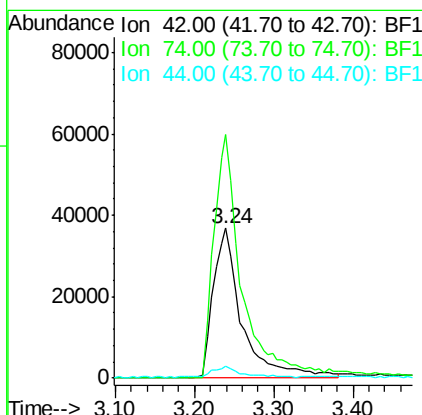
Instrument :
 BNA_F
 ClientSampled :

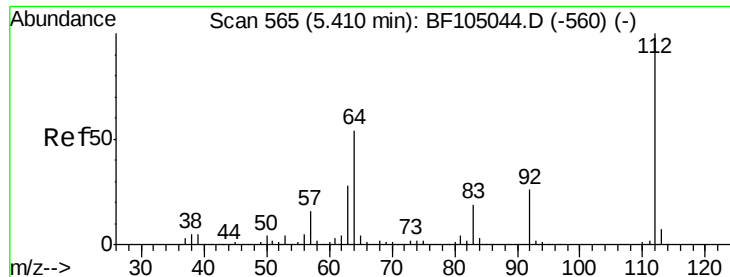
Tot Ion: 79 Resp: 226432
 Ion Ratio Lower Upper
 79 100
 52 59.3 59.8 89.6#
 51 30.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 28.62 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.03 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion: 42 Resp: 92511
 Ion Ratio Lower Upper
 42 100
 74 162.2 104.9 157.3#
 44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 111.16 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampled :

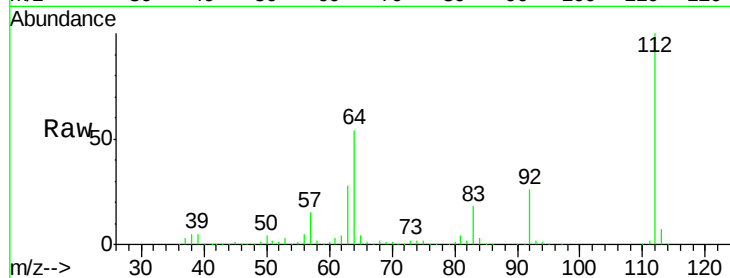
Tot Ion:112 Resp: 784458

Ion Ratio Lower Upper

112 100

64 54.0 47.9 71.9

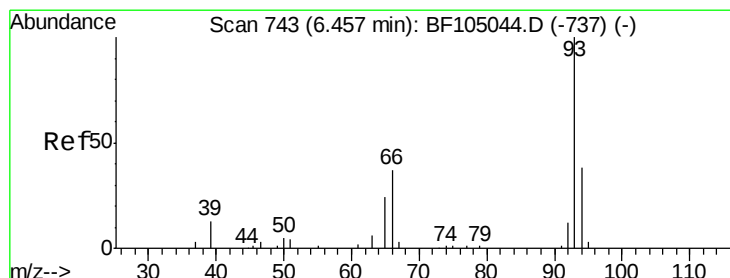
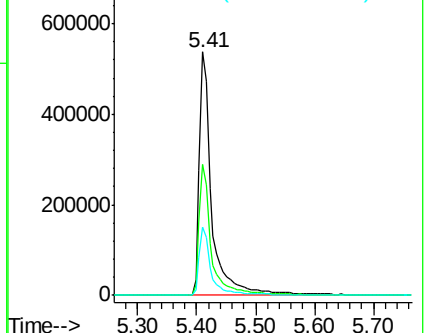
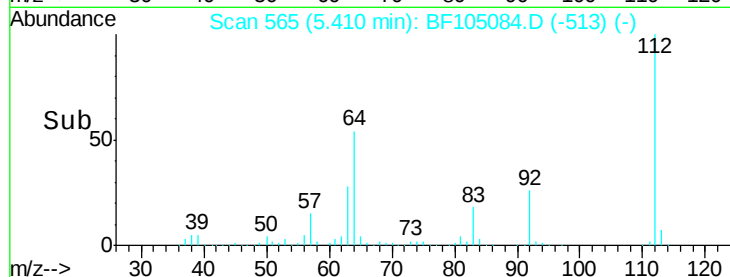
63 27.9 23.7 35.5



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: 15.93 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

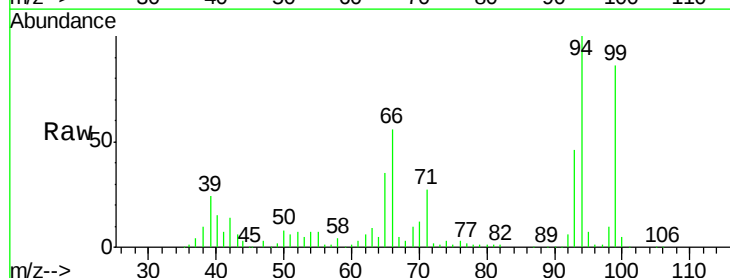
Tgt Ion: 93 Resp: 191923

Ion Ratio Lower Upper

93 100

66 120.8 32.2 48.2#

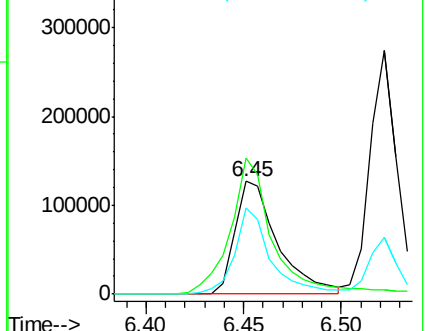
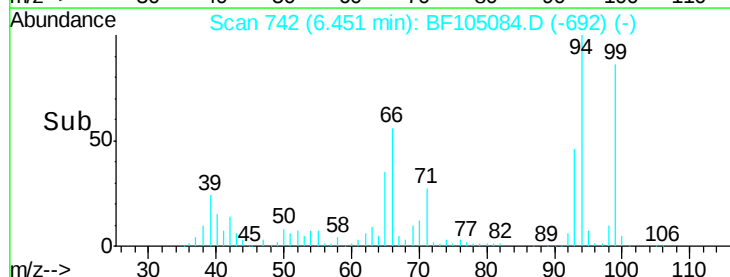
65 76.6 16.4 24.6#

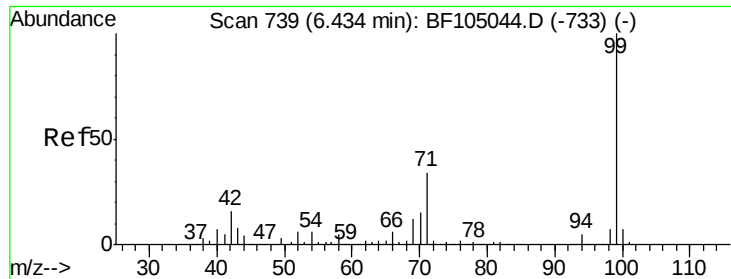


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.26 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

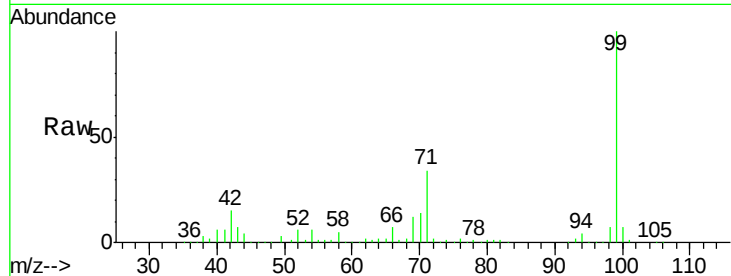
Tot Ion: 99 Resp: 912701

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

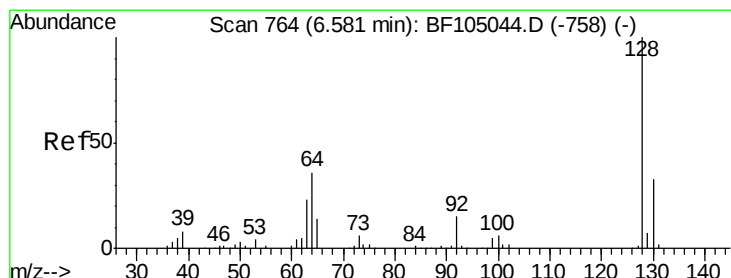
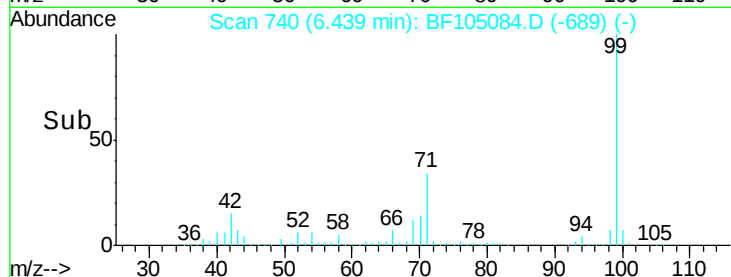
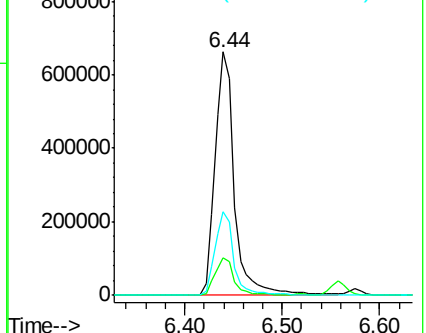
71 34.3 25.4 38.0



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: 39.01 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

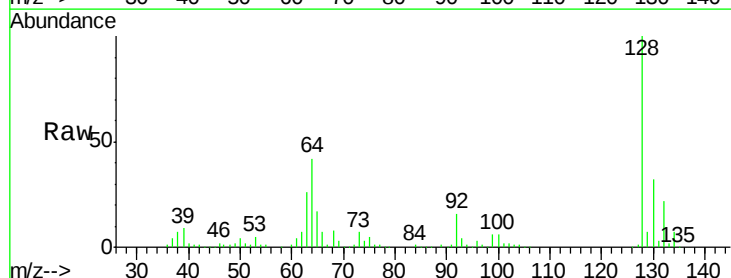
Tgt Ion:128 Resp: 290556

Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

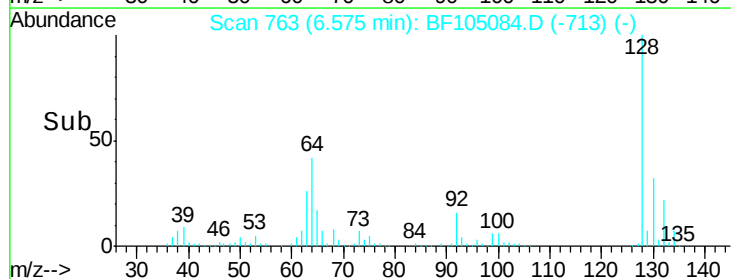
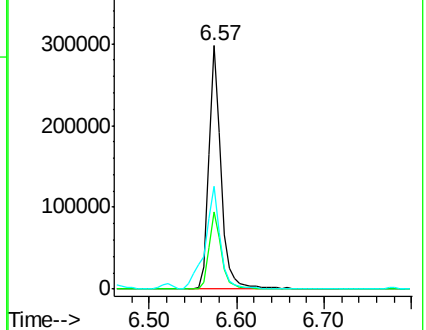
64 42.3 29.4 69.4

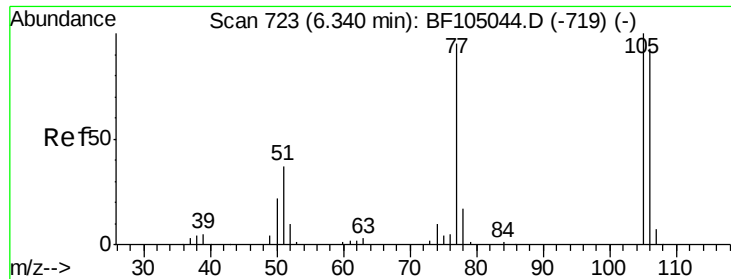


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.33 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

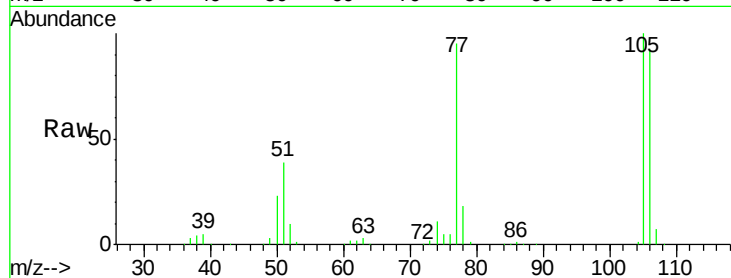
Tot Ion: 77 Resp: 179319

Ion Ratio Lower Upper

77 100

105 105.0 81.1 121.1

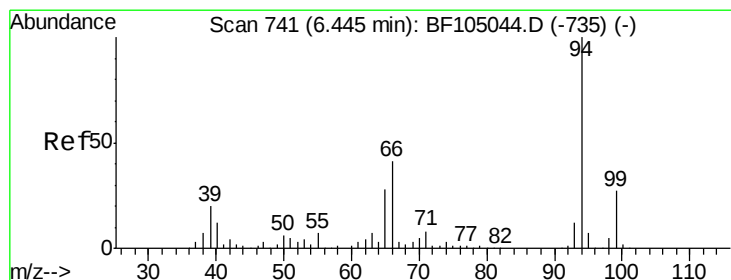
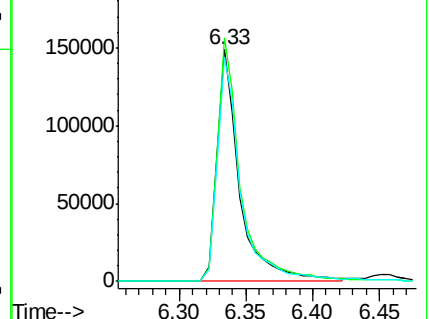
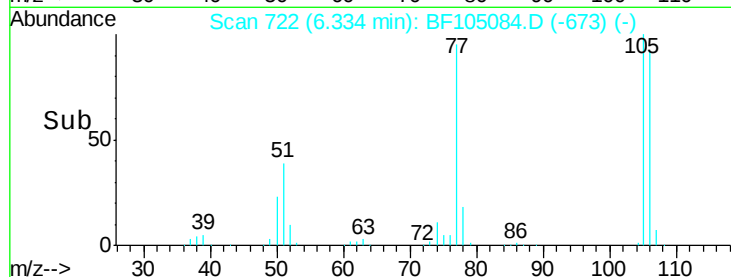
106 96.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.87 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

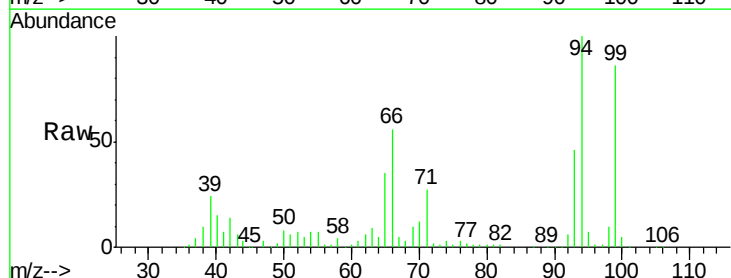
Tgt Ion: 94 Resp: 339254

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

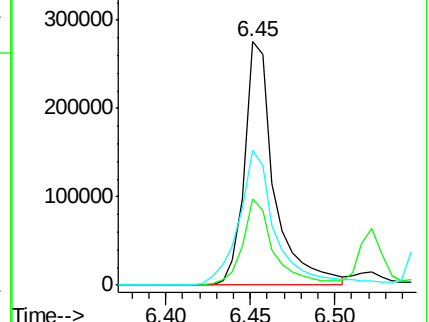
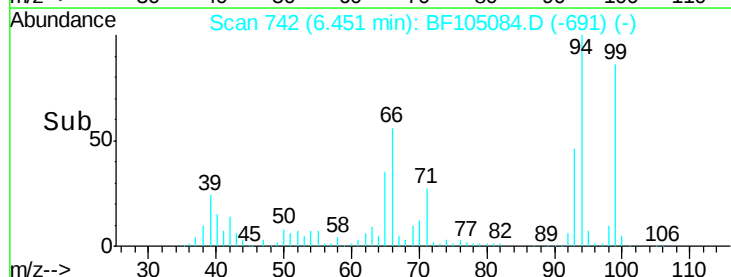
66 55.6 16.2 56.2

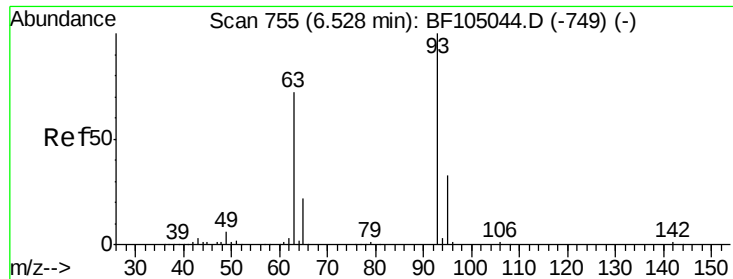


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

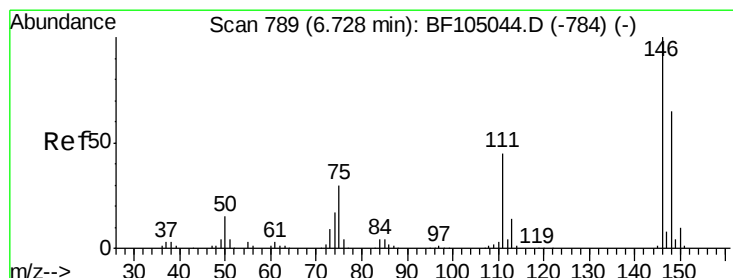
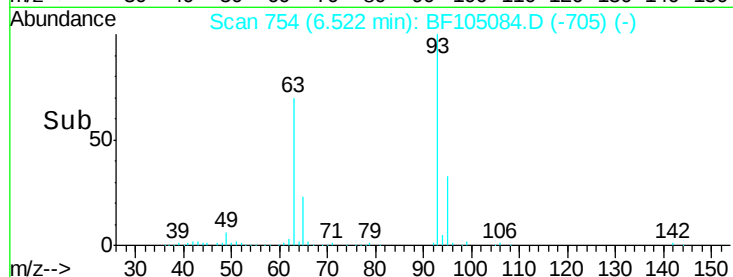
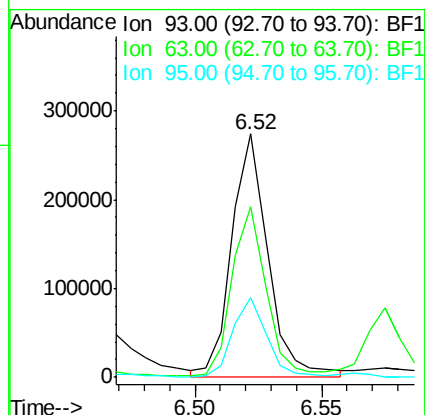
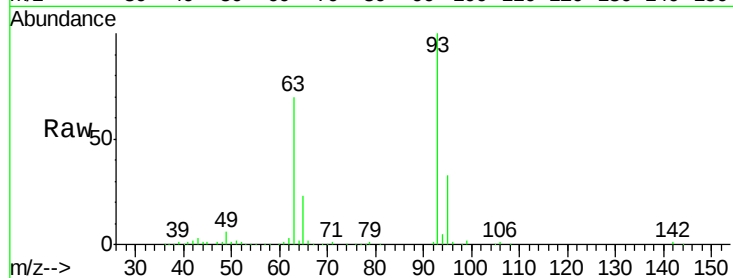




#11
bis(2-Chloroethyl)ether
Concen: 37.27 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

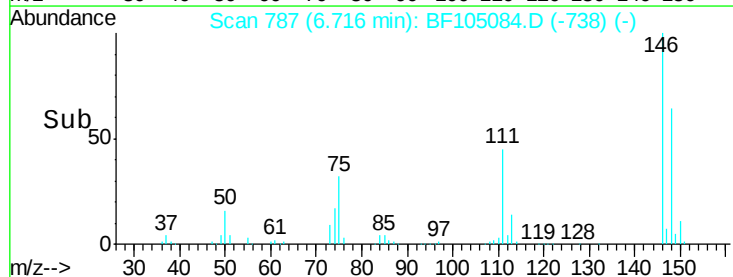
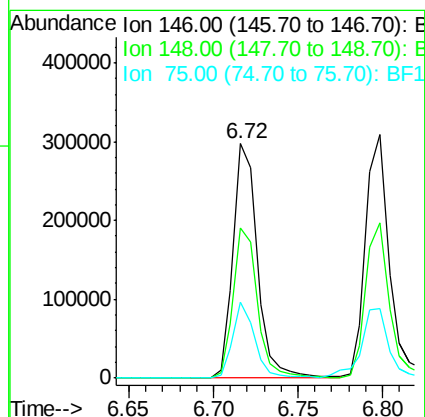
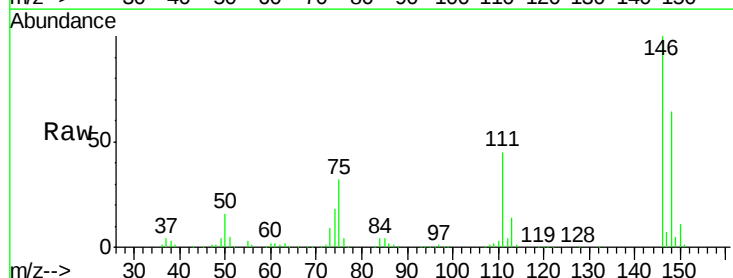
Instrument :
BNA_F
ClientSampleId :

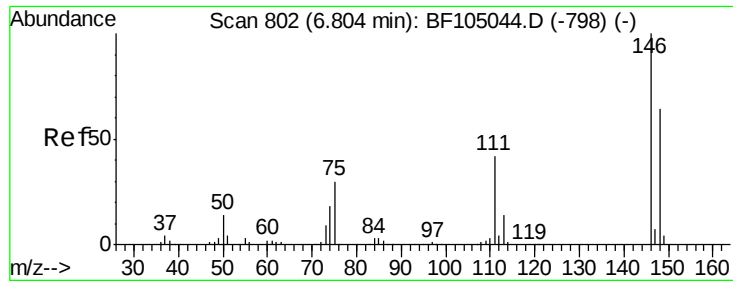
Tot Ion: 93 Resp: 273633
Ion Ratio Lower Upper
93 100
63 70.2 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.44 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion: 146 Resp: 299020
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 32.2 24.2 36.4

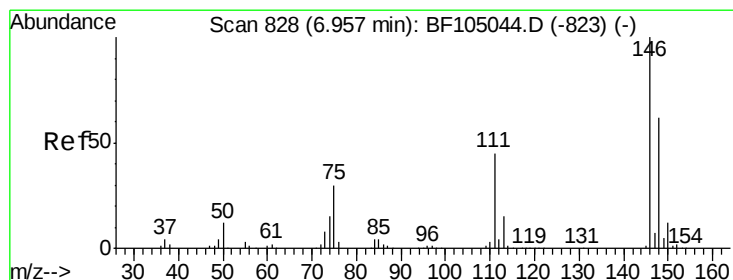
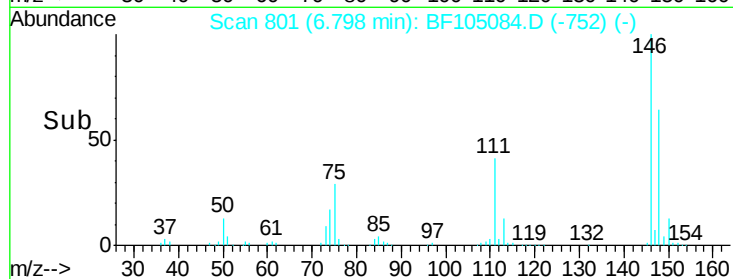
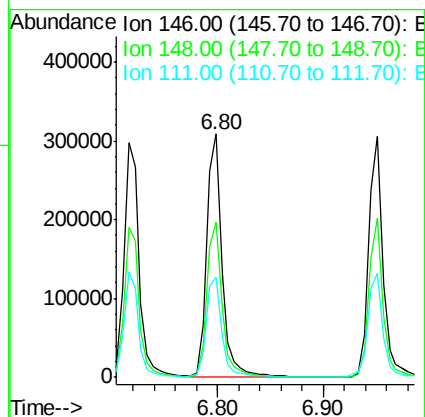
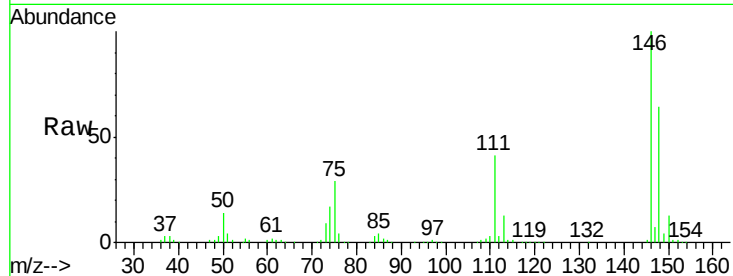




#13
 1,4-Dichlorobenzene
 Concen: 37.07 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

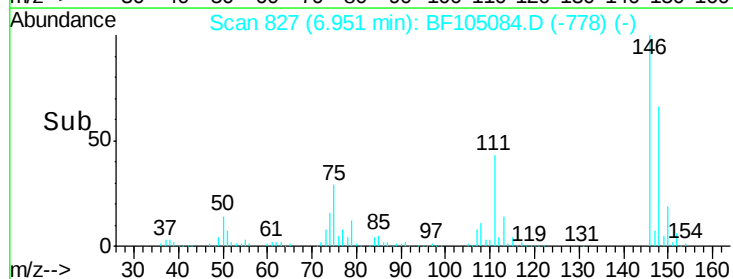
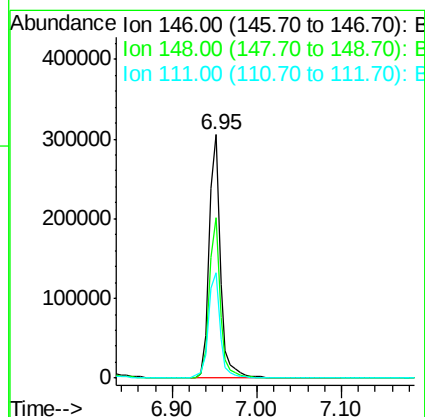
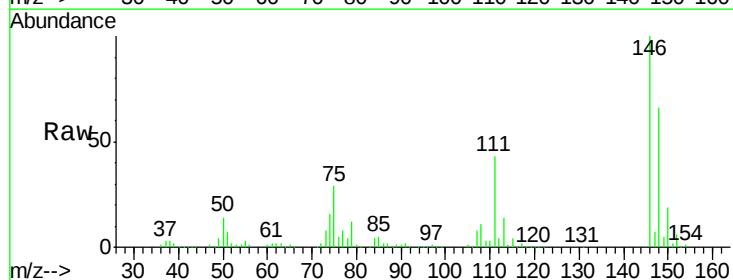
Instrument :
 BNA_F
 ClientSampleId :

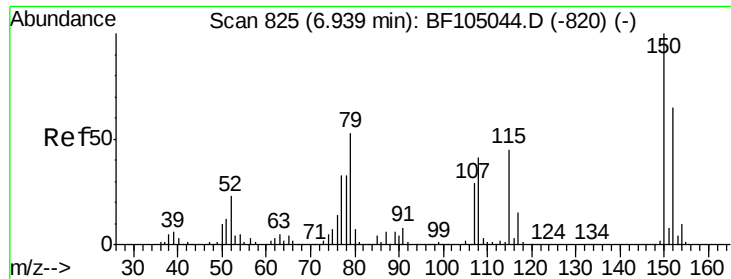
Tot Ion:146 Resp: 311817
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.62 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:146 Resp: 285484
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.6 75.8
 111 43.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 32.56 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampled :

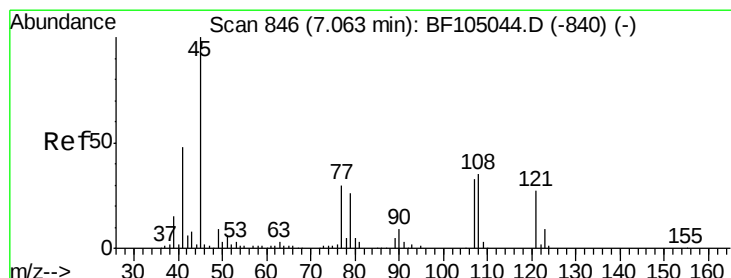
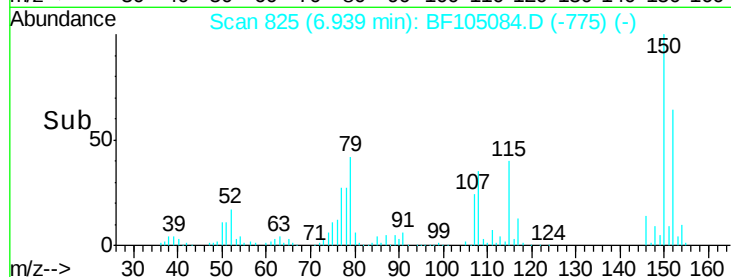
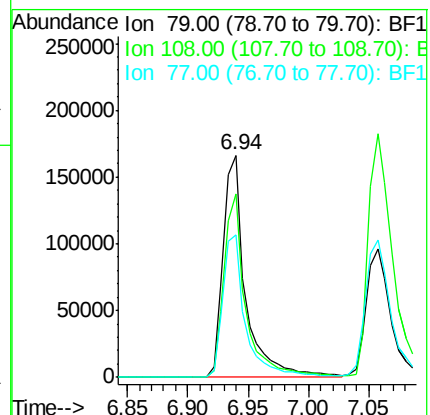
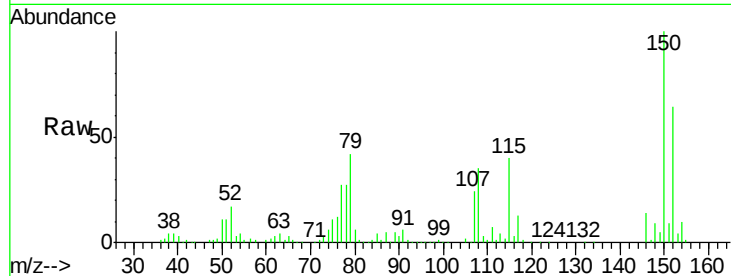
Tot Ion: 79 Resp: 214446

Ion Ratio Lower Upper

79 100

108 82.3 65.1 97.7

77 63.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.94 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

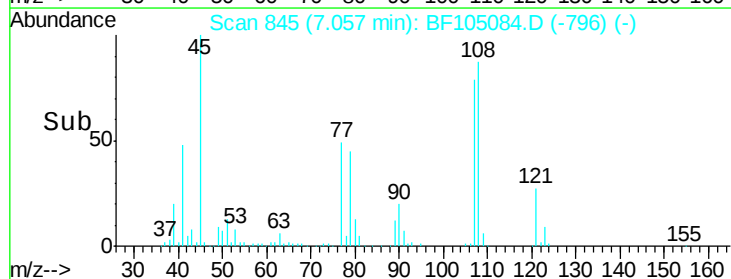
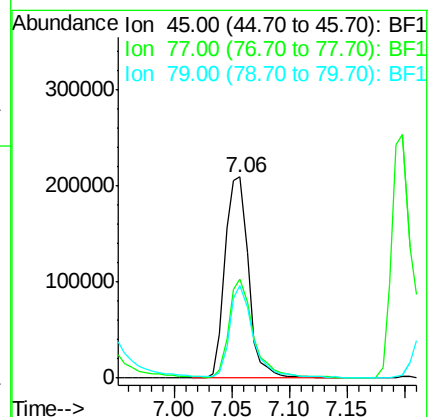
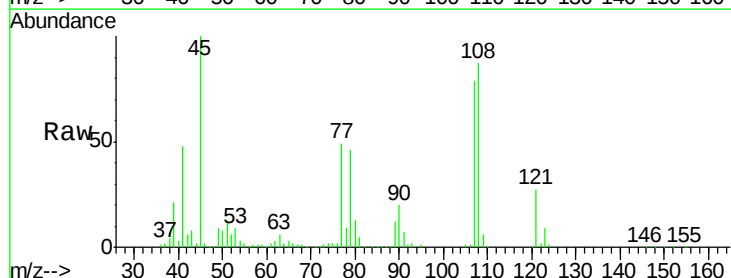
Tgt Ion: 45 Resp: 295248

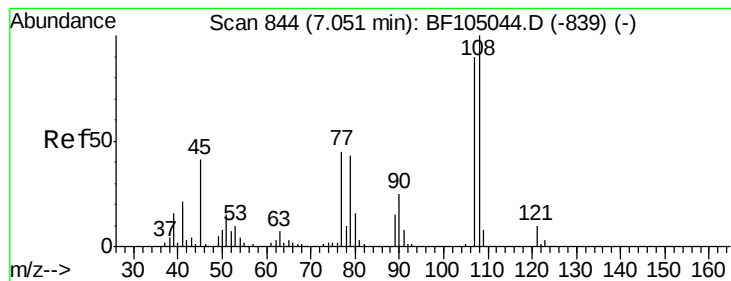
Ion Ratio Lower Upper

45 100

77 49.2 0.0 32.9#

79 45.9 0.0 29.6#

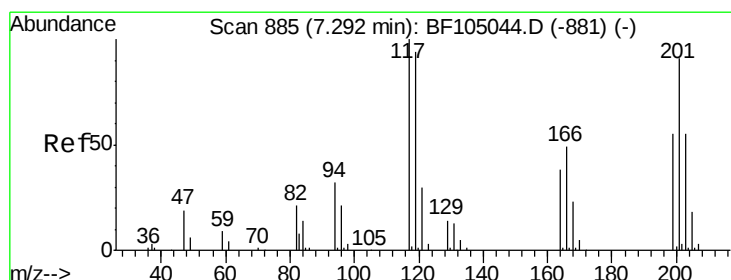
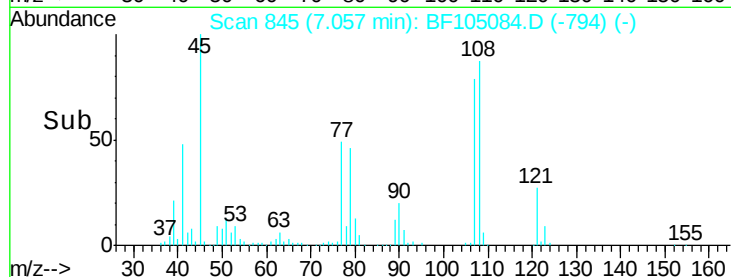
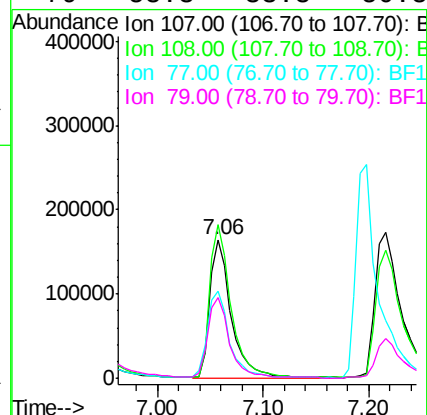
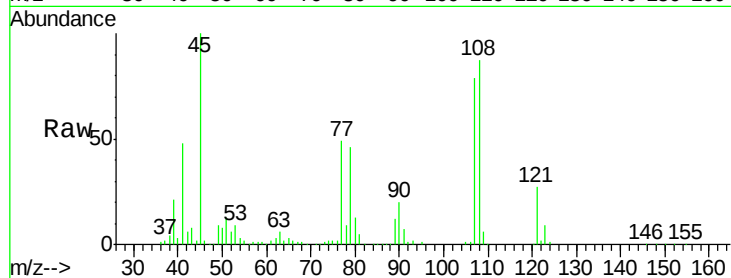




#17
2-Methylphenol
Concen: 35.62 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

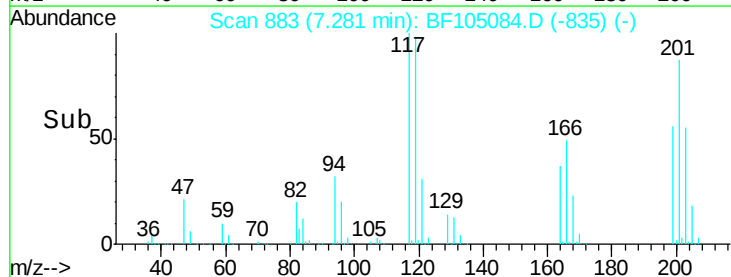
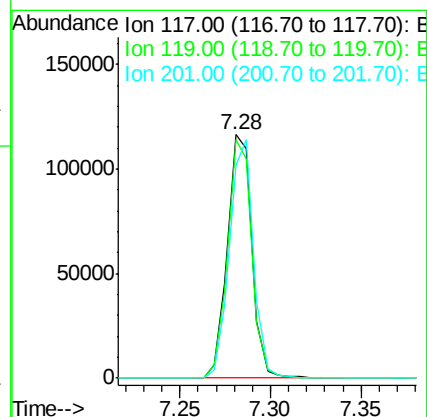
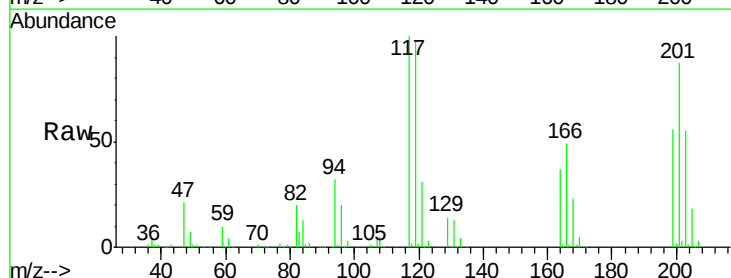
Instrument :
BNA_F
ClientSampled :

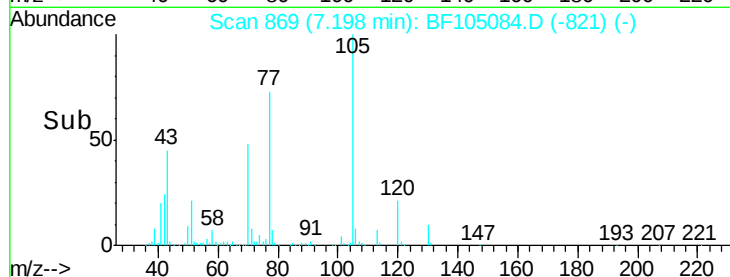
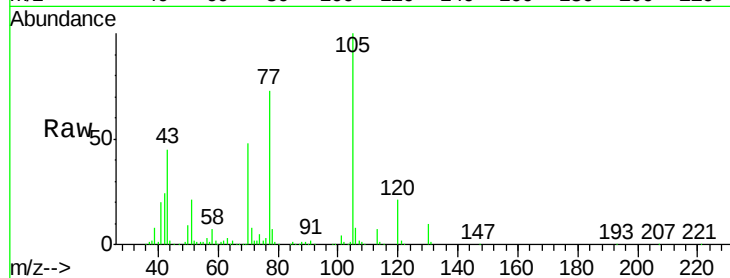
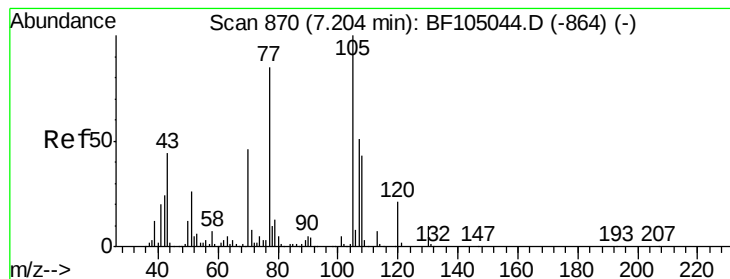
Tot Ion:107 Resp: 230614
Ion Ratio Lower Upper
107 100
108 110.8 91.7 137.5
77 62.6 33.8 50.8#
79 58.3 33.8 50.8#



#18
Hexachloroethane
Concen: 36.65 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:117 Resp: 109925
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.8
201 87.3 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 33.39 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 189215

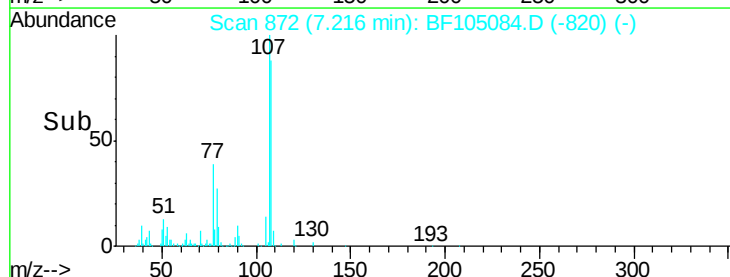
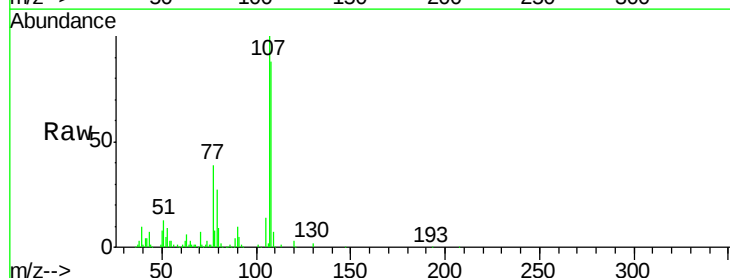
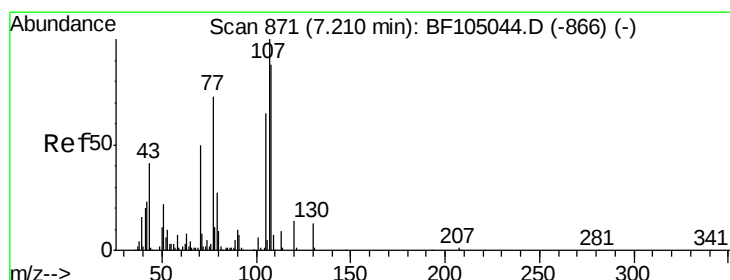
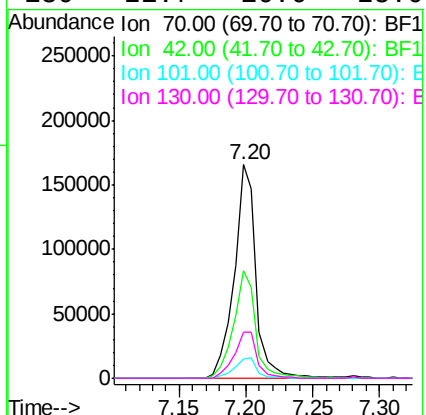
Ion Ratio Lower Upper

70 100

42 50.2 47.5 71.3

101 9.2 7.4 11.2

130 21.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.03 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Tgt Ion: 107 Resp: 313461

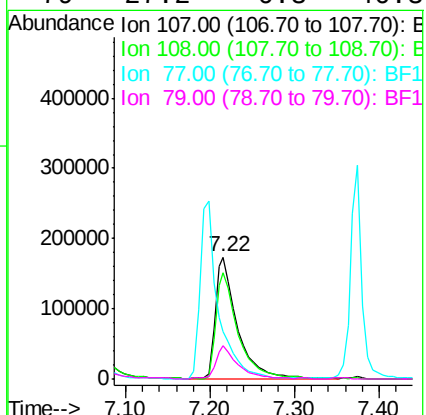
Ion Ratio Lower Upper

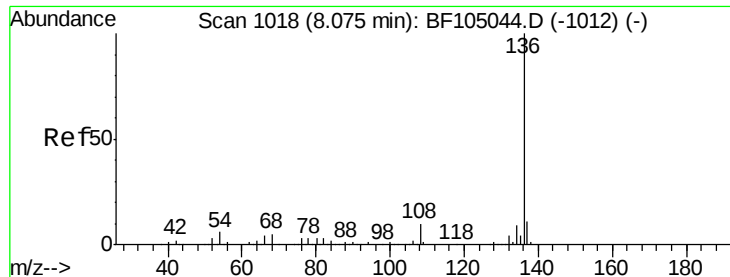
107 100

108 87.7 68.2 108.2

77 39.4 26.7 66.7

79 27.2 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: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 451499

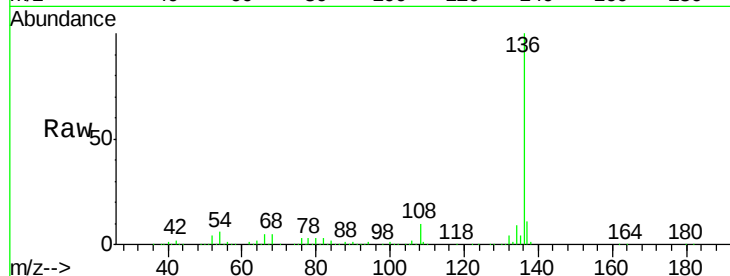
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 6.6 9.8#

68 5.4 5.0 7.4

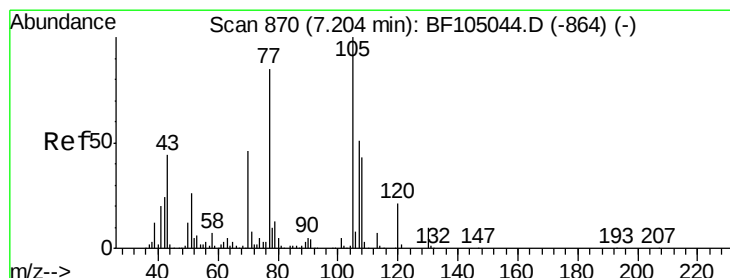
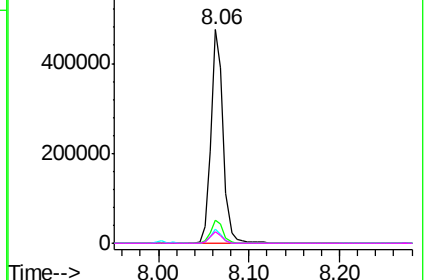
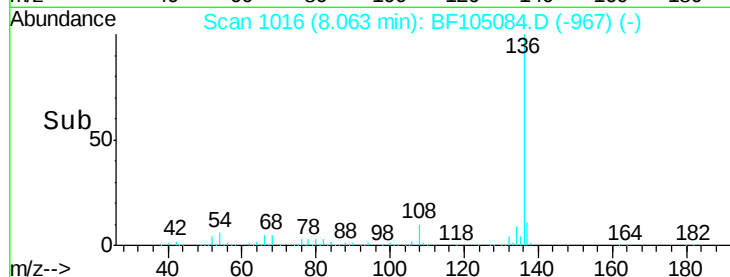


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.67 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Tgt Ion:105 Resp: 396445

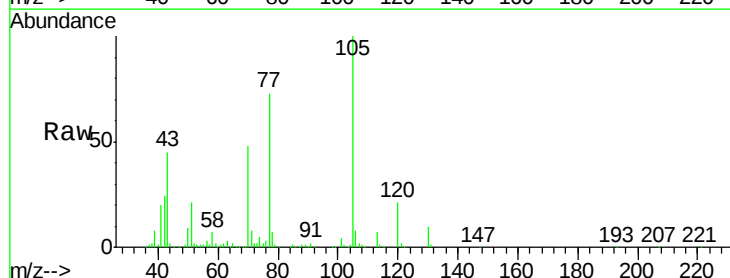
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 21.3 22.3 33.5#

120 21.3 16.9 25.3

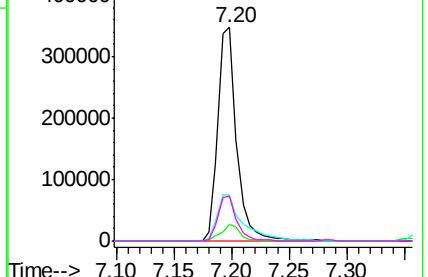
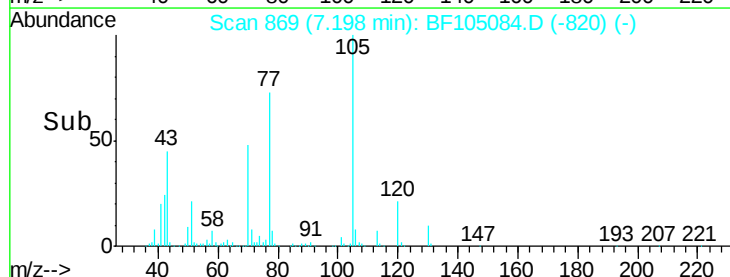


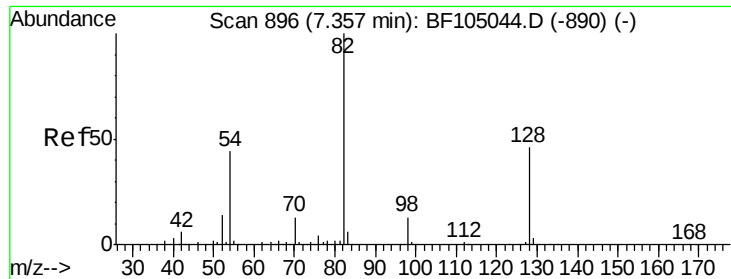
Abundance Ion 105.00 (104.70 to 105.70): E

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

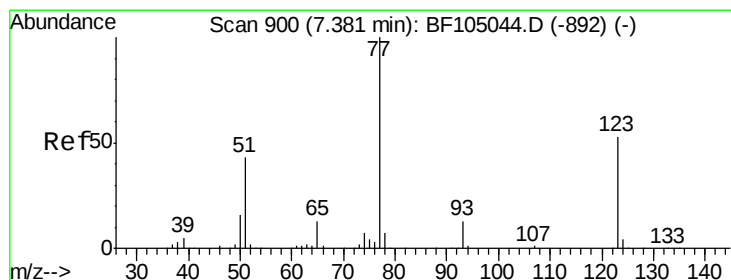
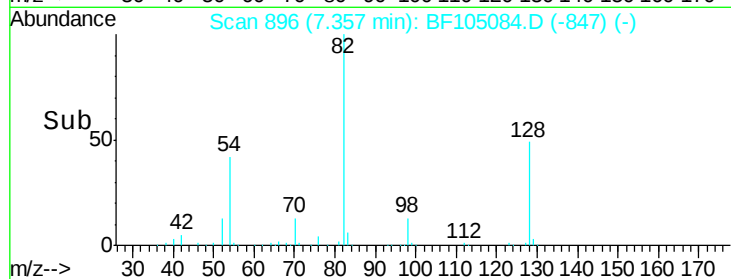
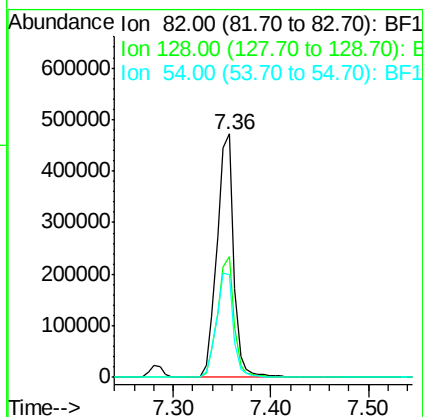
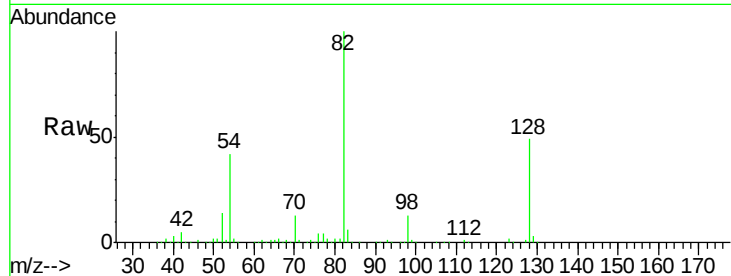




#23
 Nitrobenzene-d5
 Concen: 81.91 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

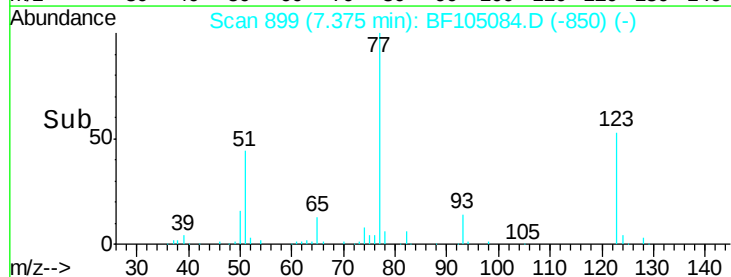
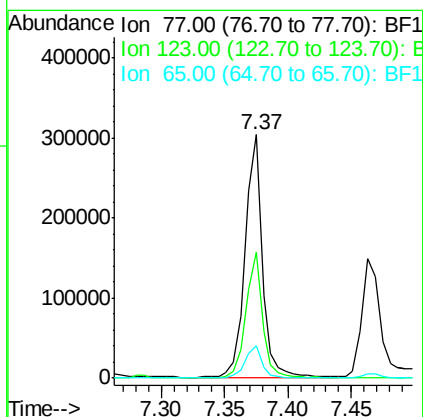
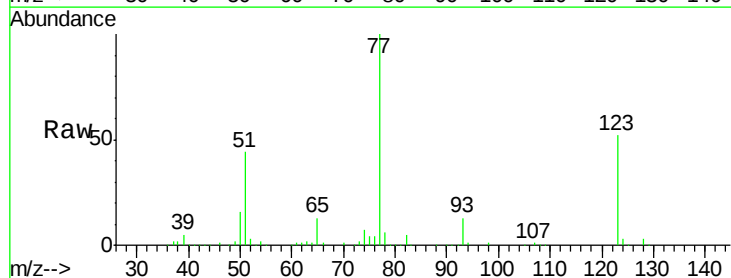
Instrument :
 BNA_F
 ClientSampleId :

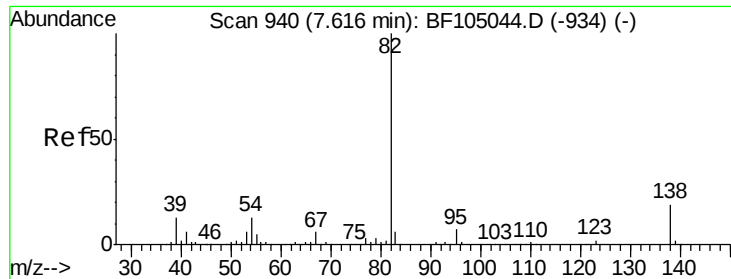
Tot Ion: 82 Resp: 566350
 Ion Ratio Lower Upper
 82 100
 128 49.4 36.1 54.1
 54 42.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 37.54 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion: 77 Resp: 286574
 Ion Ratio Lower Upper
 77 100
 123 51.5 37.9 56.9
 65 13.1 11.0 16.4





#25

Isophorone

Concen: 35.40 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

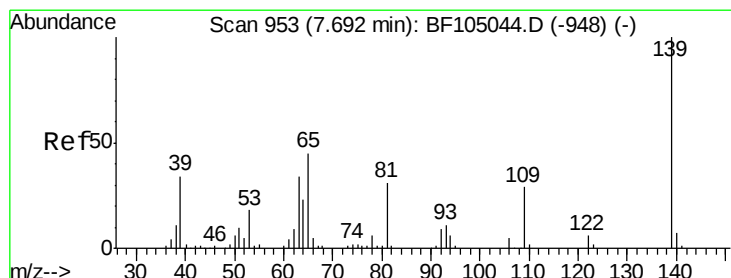
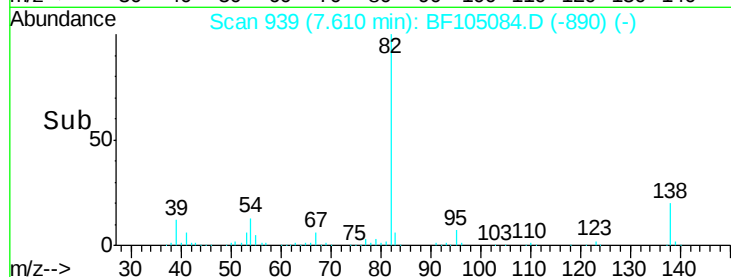
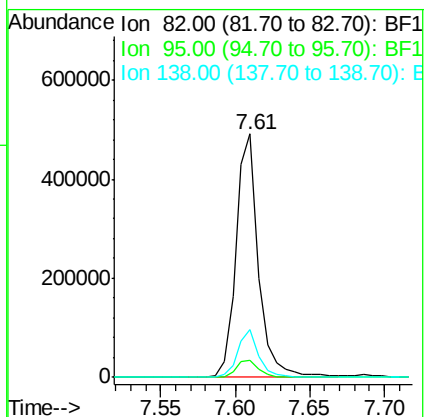
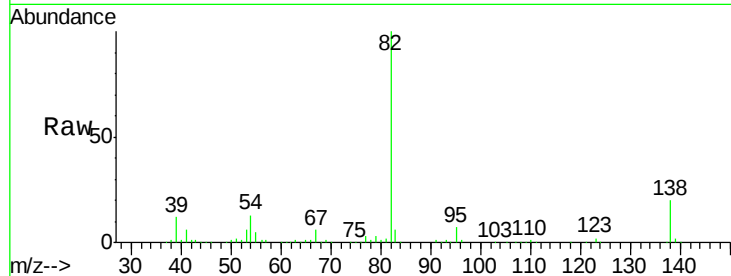
Tot Ion: 82 Resp: 517674

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 51.88 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

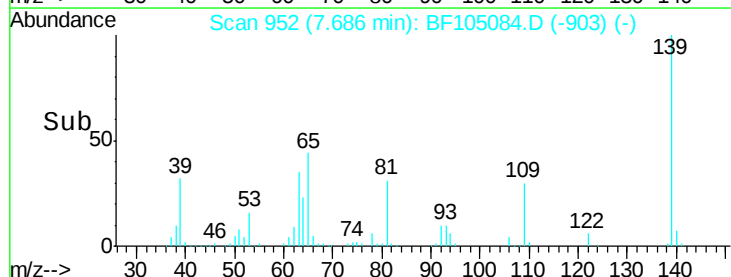
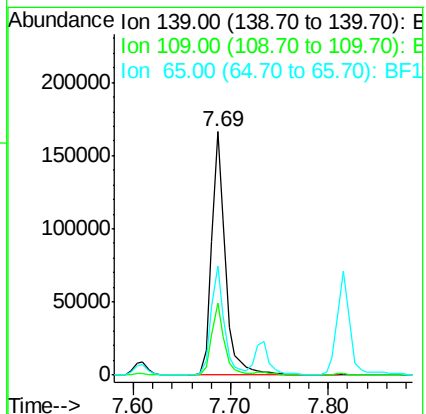
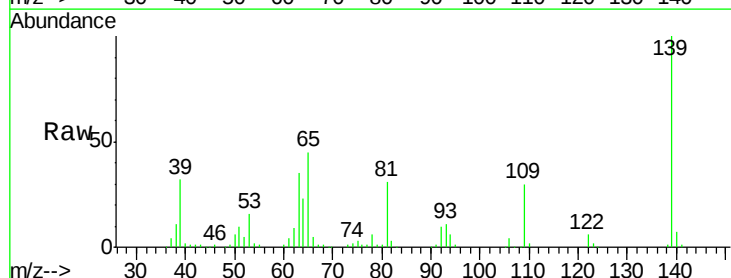
Tgt Ion: 139 Resp: 161219

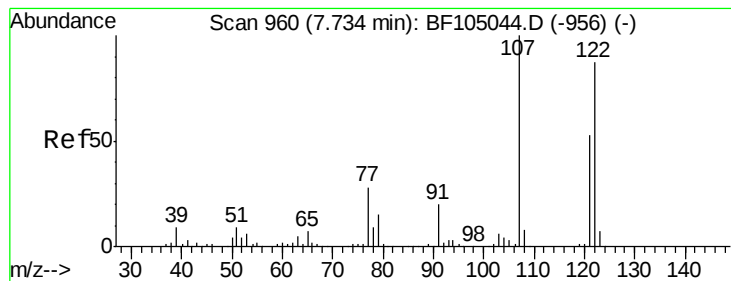
Ion Ratio Lower Upper

139 100

109 29.6 22.7 34.1

65 44.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.90 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

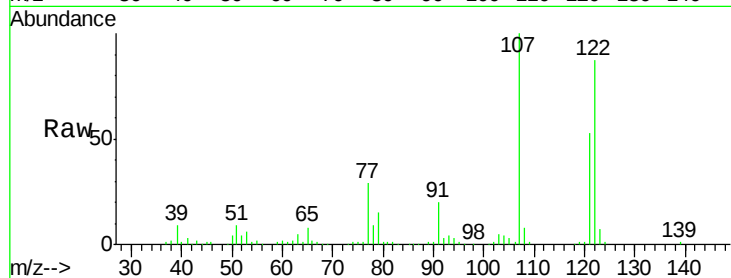
Tot Ion:122 Resp: 244598

Ion Ratio Lower Upper

122 100

107 114.6 91.2 136.8

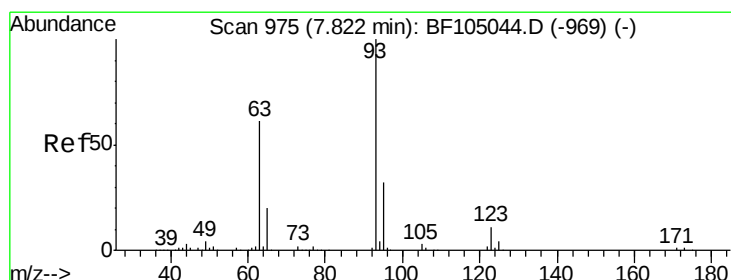
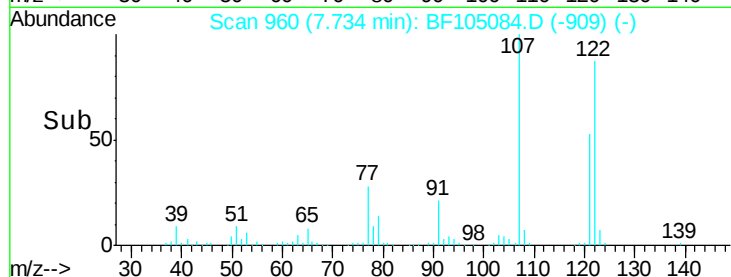
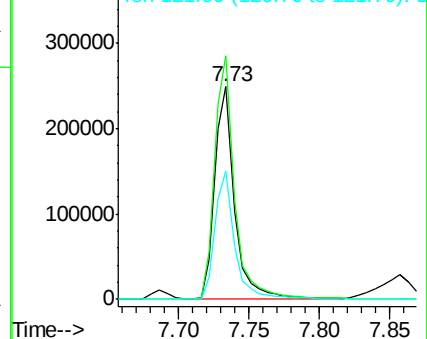
121 60.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.75 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

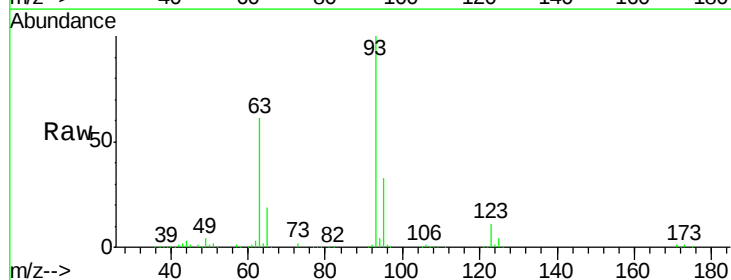
Tgt Ion: 93 Resp: 337465

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

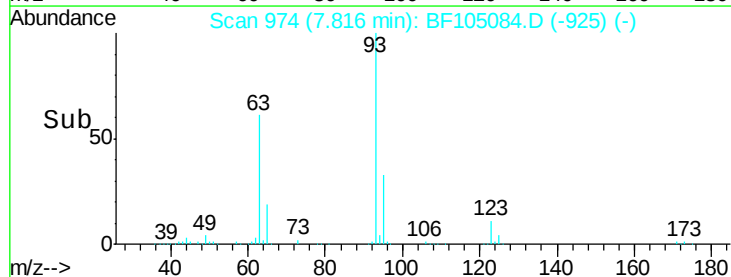
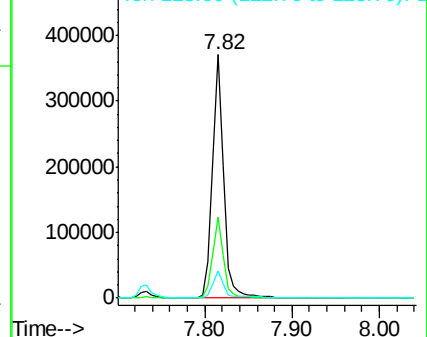
123 11.3 9.8 14.6

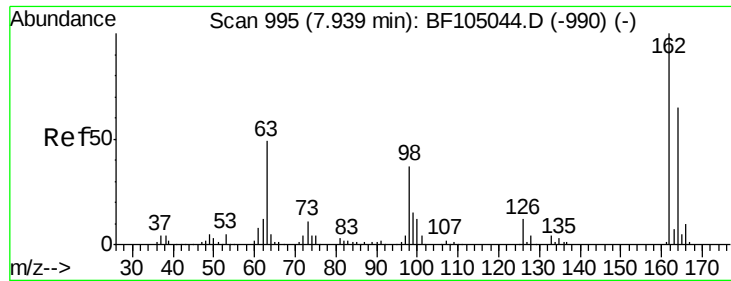


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

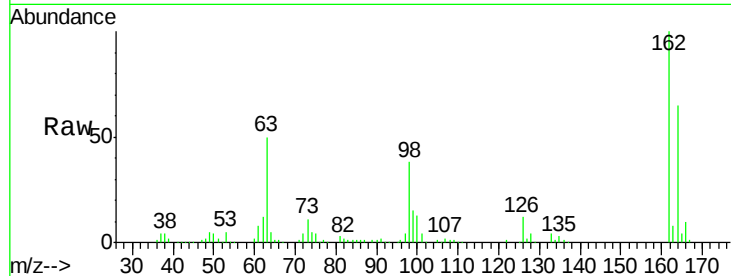




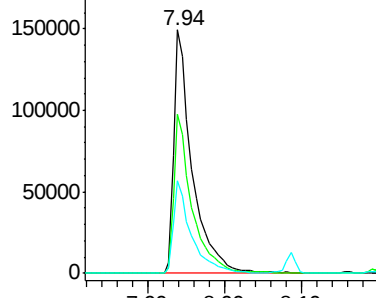
#29
 2,4-Dichlorophenol
 Concen: 40.22 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Instrument :
 BNA_F
 ClientSampled :

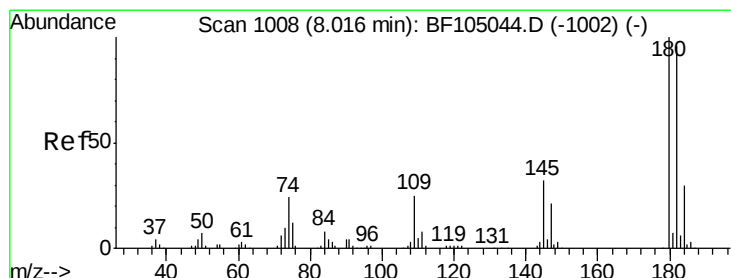
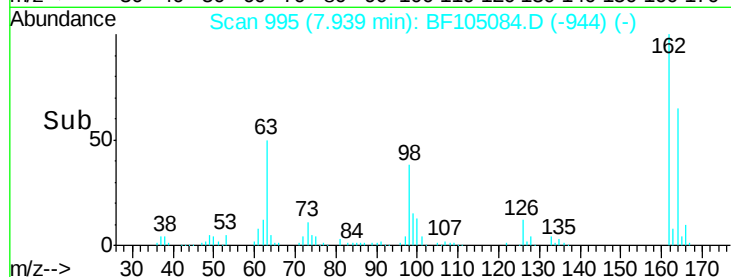
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	38.2	18.1	58.1



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

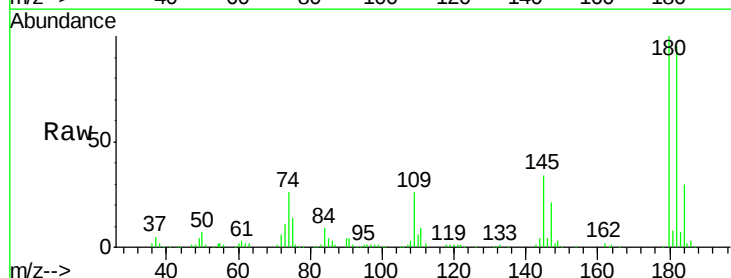


Time-->

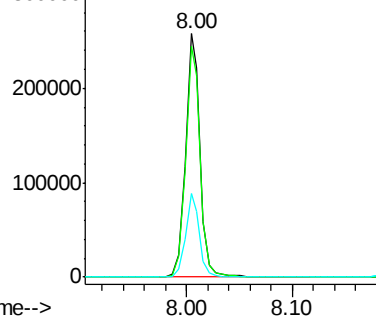


#30
 1,2,4-Trichlorobenzene
 Concen: 37.12 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

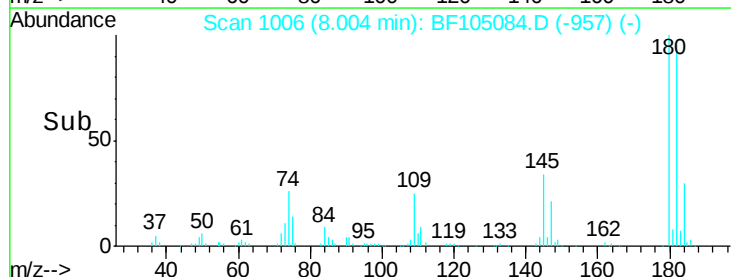
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.8	115.2
145	34.1	26.5	39.7

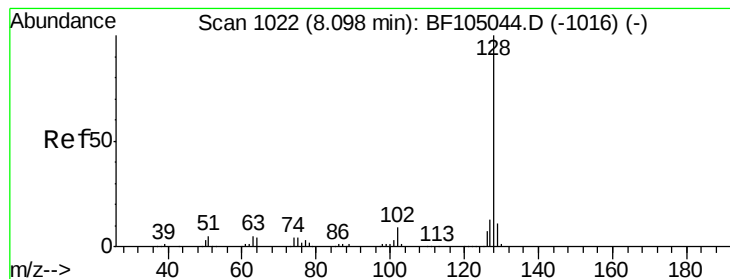


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 36.72 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

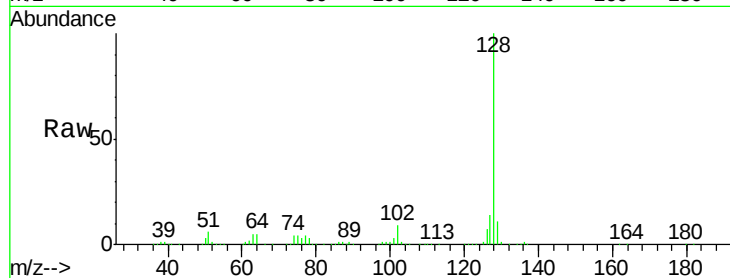
Tot Ion:128 Resp: 825513

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

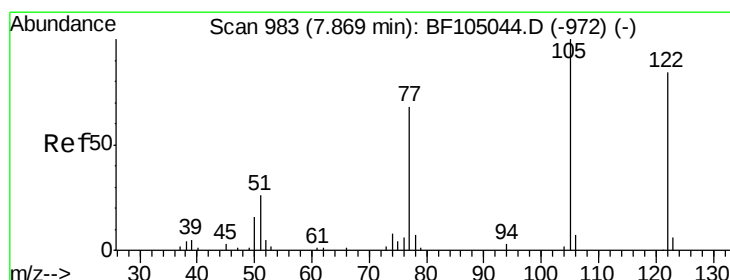
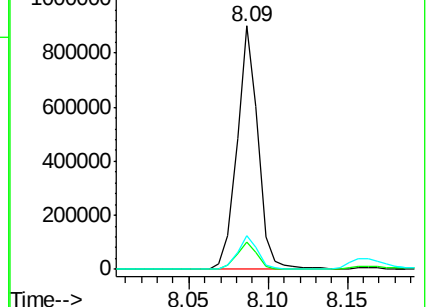
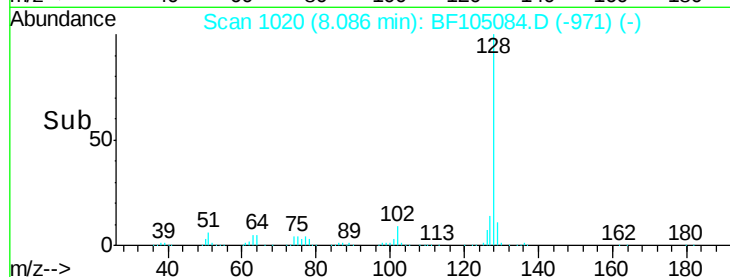
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.01 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.04 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

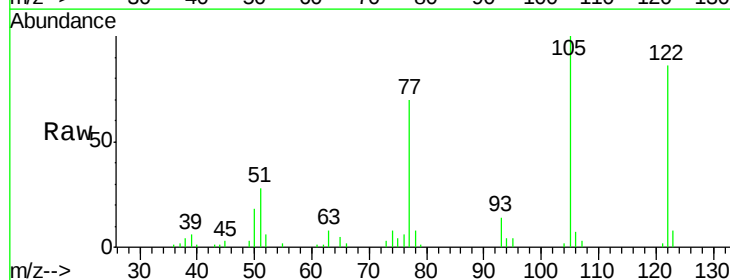
Tgt Ion:122 Resp: 46413

Ion Ratio Lower Upper

122 100

105 115.7 101.1 141.1

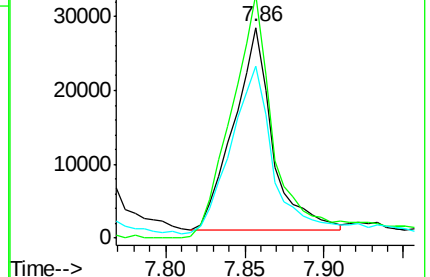
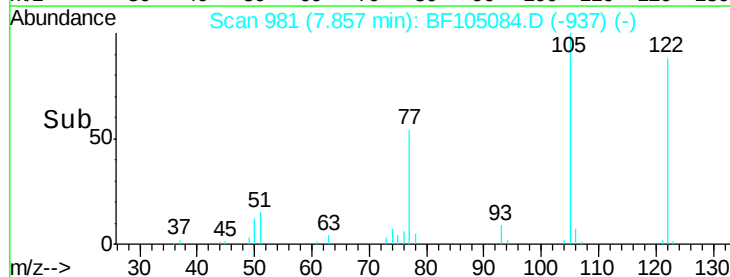
77 81.5 70.7 110.7

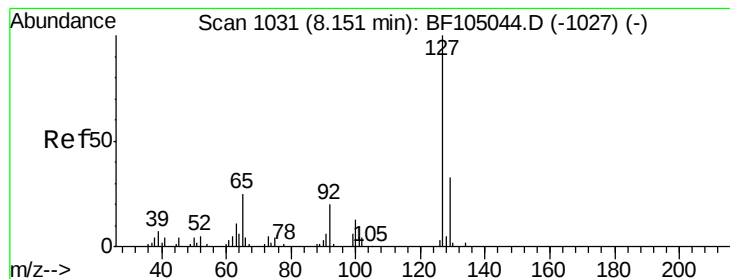


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 8.25 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 79503

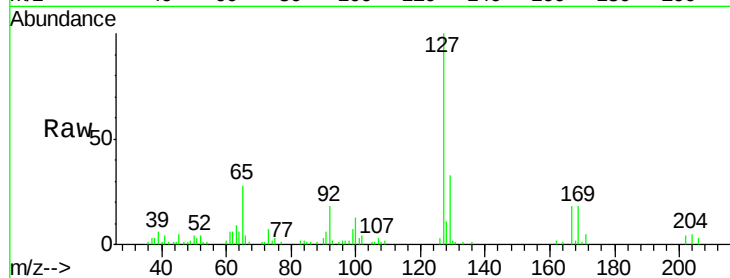
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 28.1 25.0 37.4

92 18.3 15.2 22.8

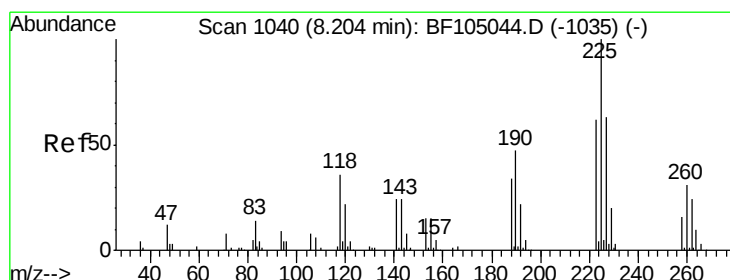
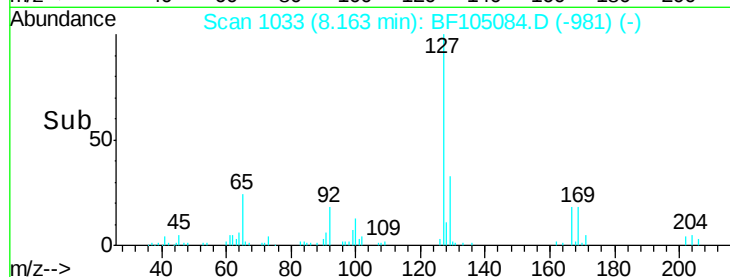
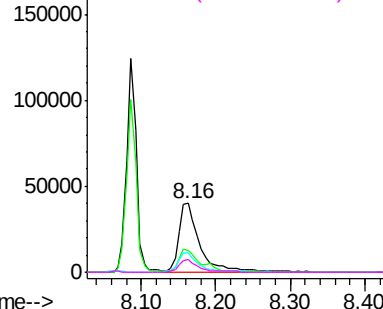


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.97 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

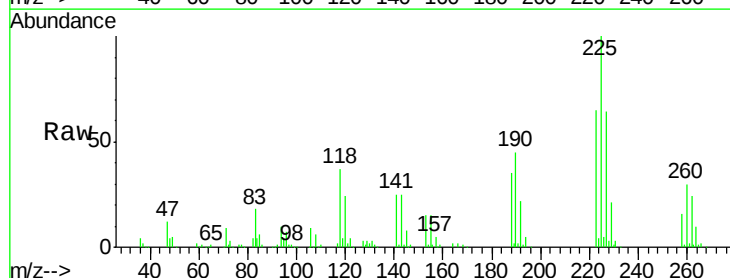
Tgt Ion:225 Resp: 140545

Ion Ratio Lower Upper

225 100

223 65.0 50.6 76.0

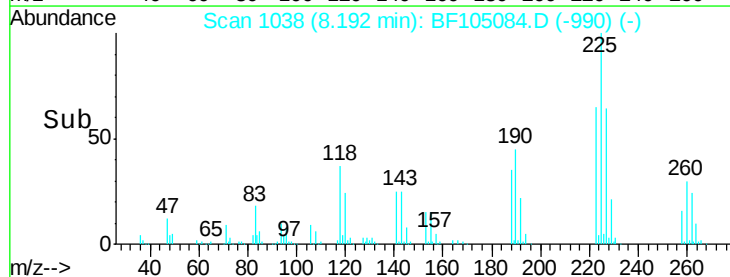
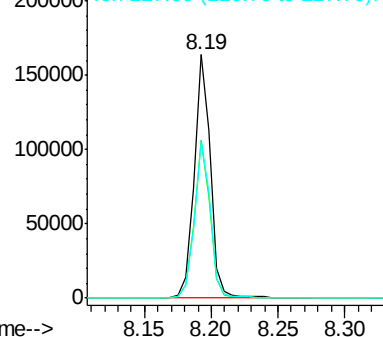
227 64.3 51.9 77.9

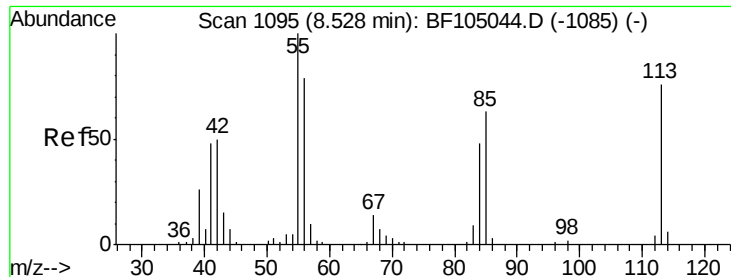


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

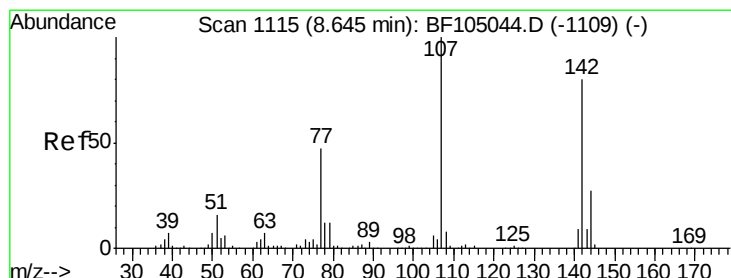
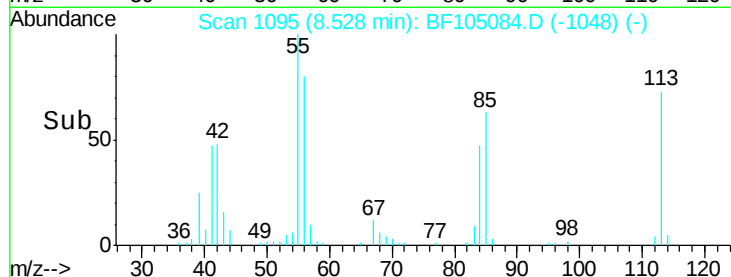
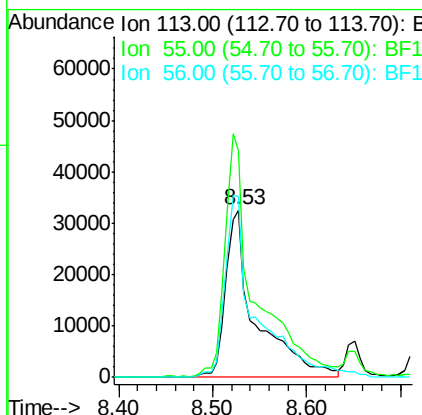
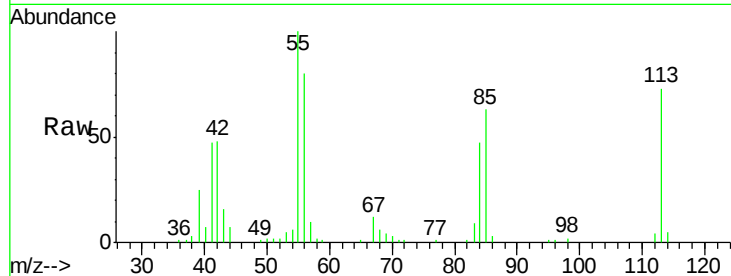




#35
 Caprolactam
 Concen: 33.95 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

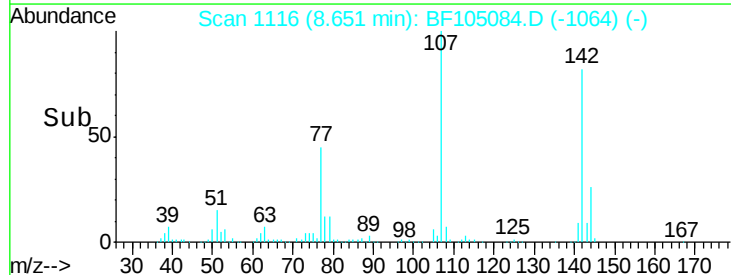
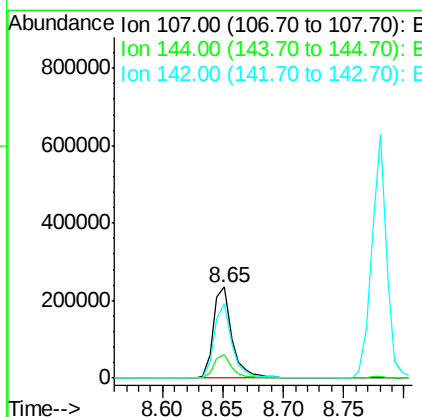
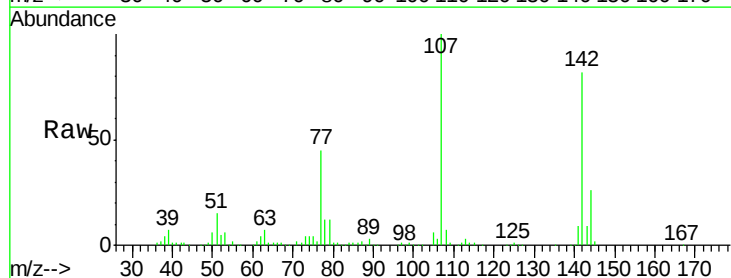
Instrument :
 BNA_F
 ClientSampleId :

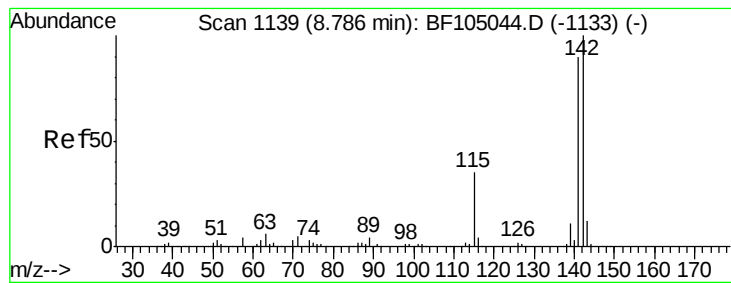
Tot Ion:113 Resp: 72922
 Ion Ratio Lower Upper
 113 100
 55 136.2 163.3 203.3#
 56 108.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 37.80 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:107 Resp: 249550
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 82.0 62.0 93.0

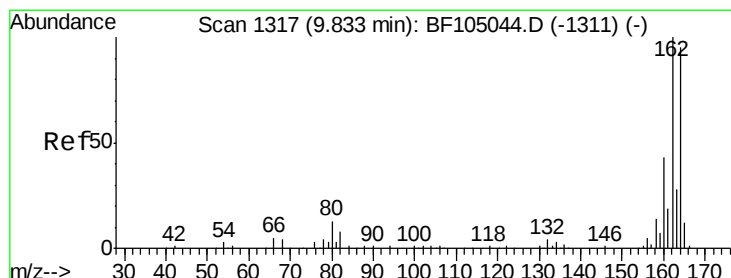
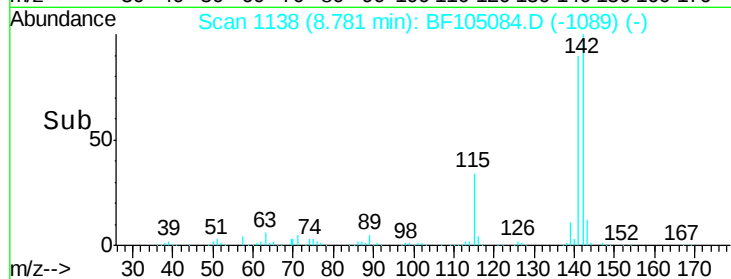
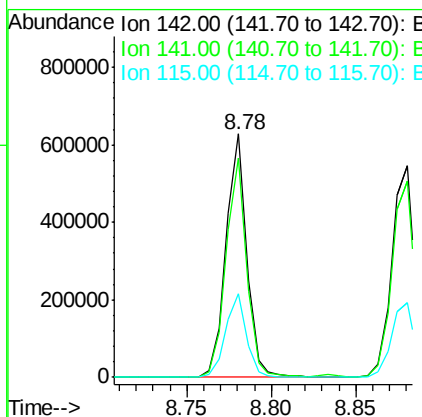
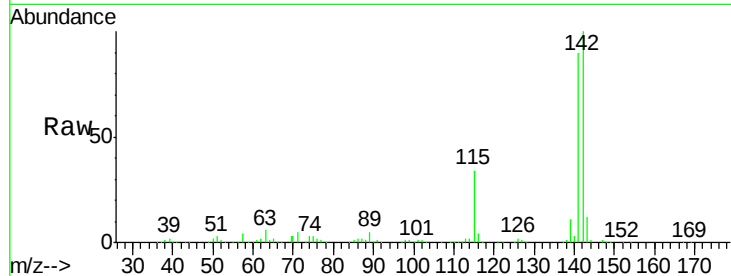




#37
2-Methylnaphthalene
Concen: 36.98 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

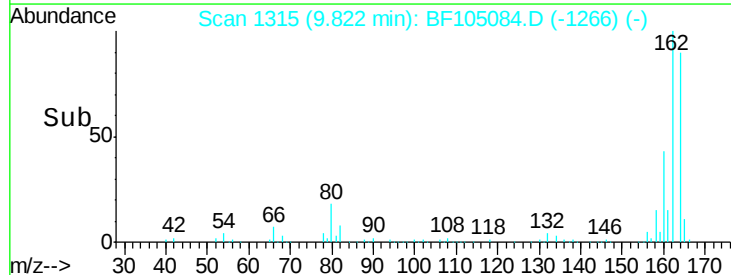
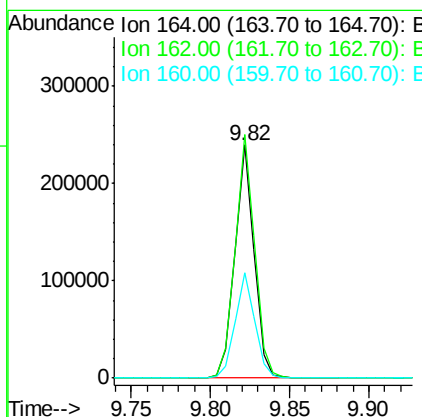
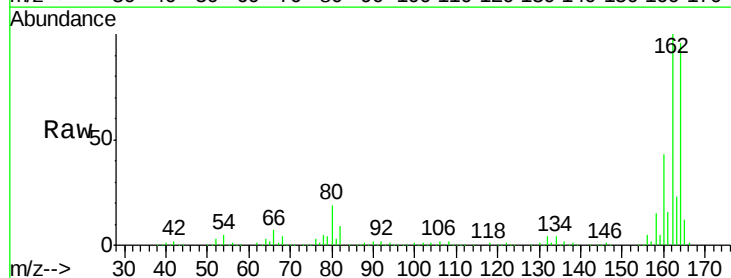
Instrument :
BNA_F
ClientSampleId :

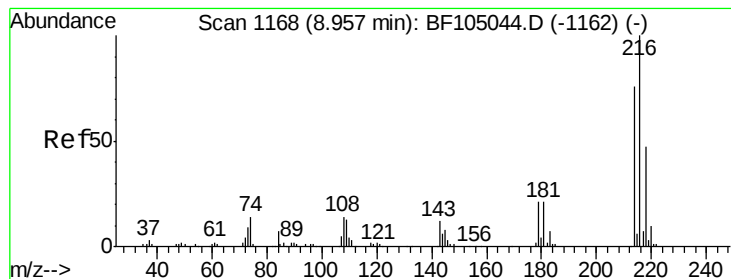
Tot Ion:142 Resp: 537729
Ion Ratio Lower Upper
142 100
141 89.9 70.8 106.2
115 34.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:164 Resp: 202886
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 45.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.35 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 240149

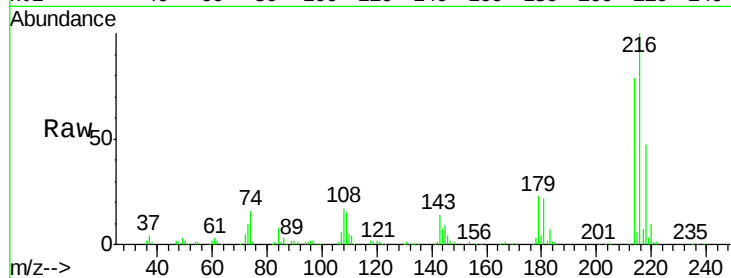
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 22.9 18.1 27.1

108 19.6 17.2 25.8

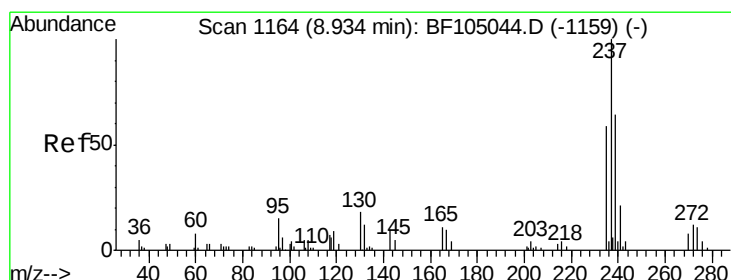
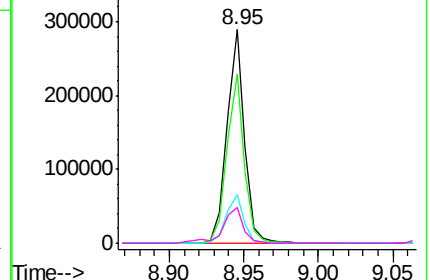
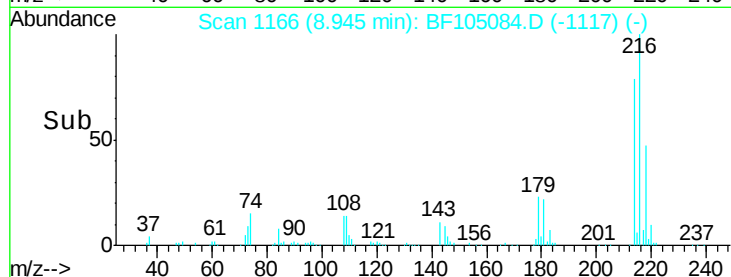


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.39 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

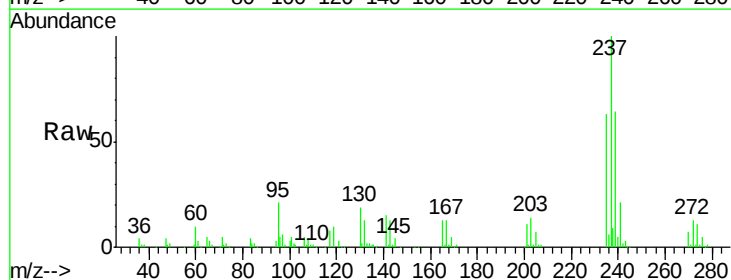
Tgt Ion:237 Resp: 124809

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

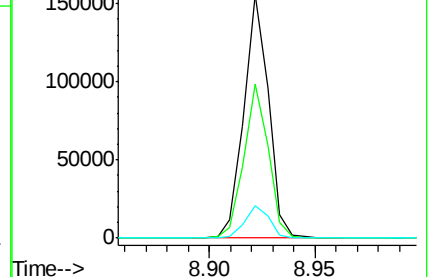
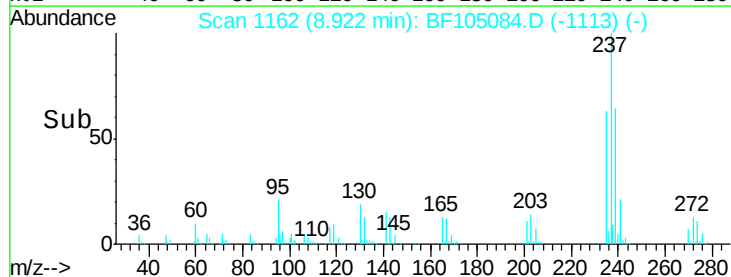
272 13.1 0.0 33.3

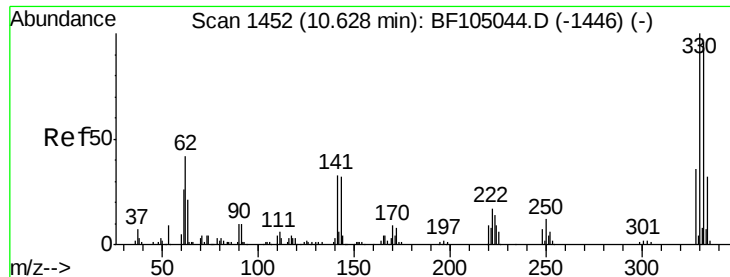


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

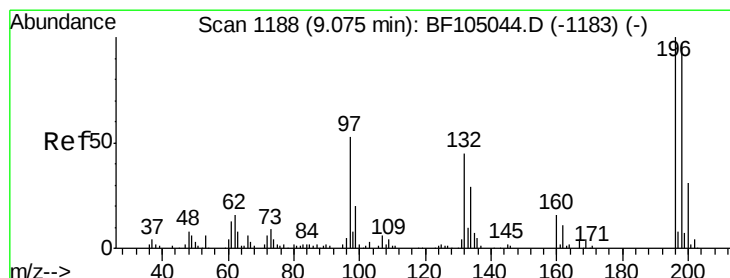
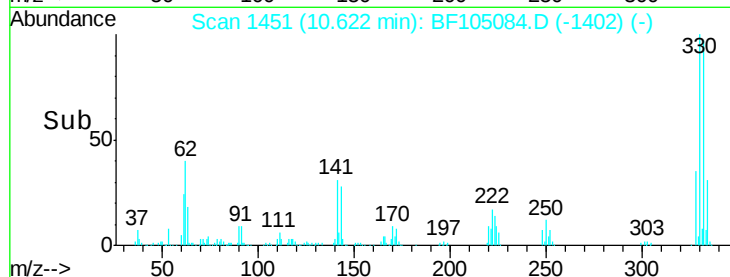
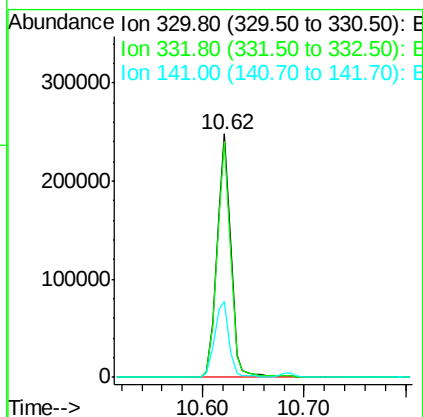
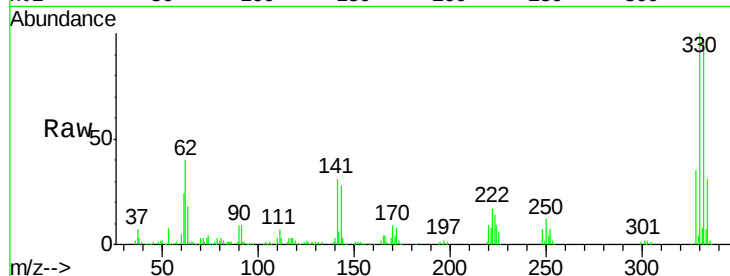




#41
 2,4,6-Tribromophenol
 Concen: 112.25 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

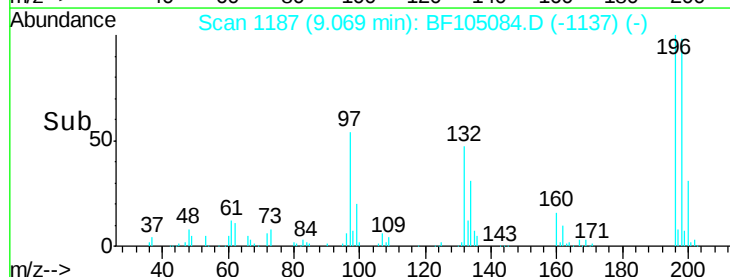
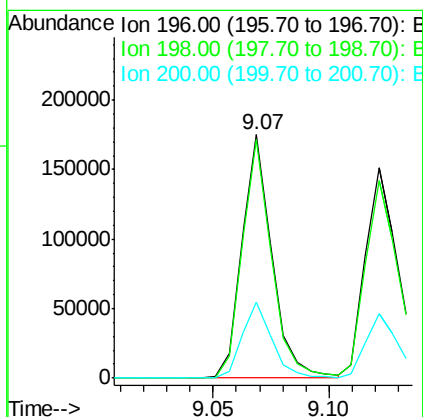
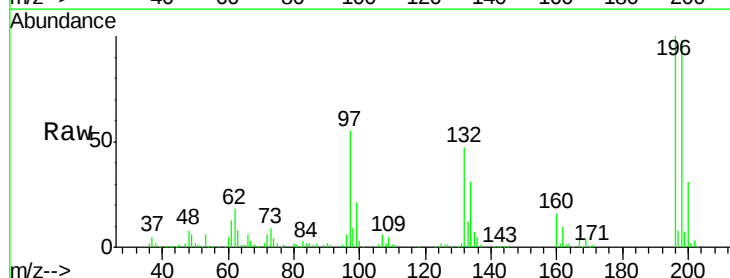
Instrument :
 BNA_F
 ClientSampleId :

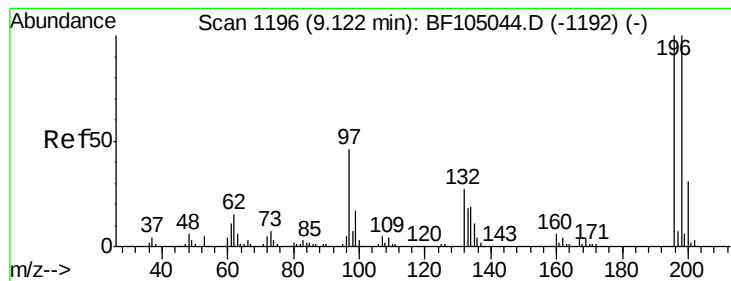
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	33.1	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.35 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
200	31.3	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 35.75 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 161267

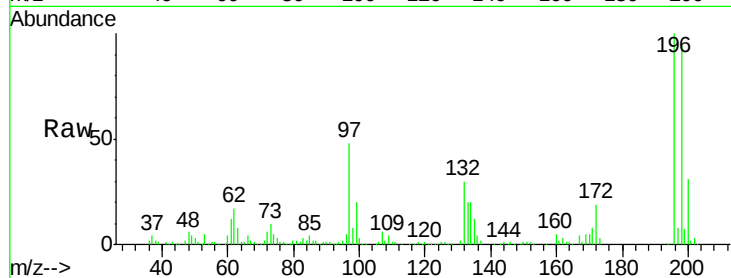
Ion Ratio Lower Upper

196 100

198 93.9 74.6 112.0

97 47.9 42.9 64.3

132 30.4 26.3 39.5

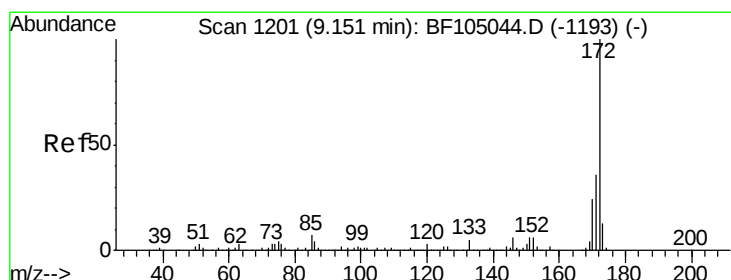
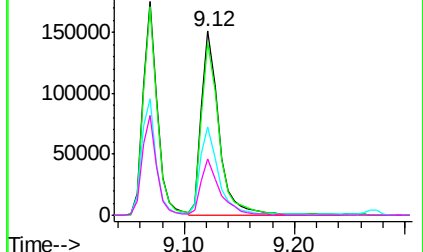
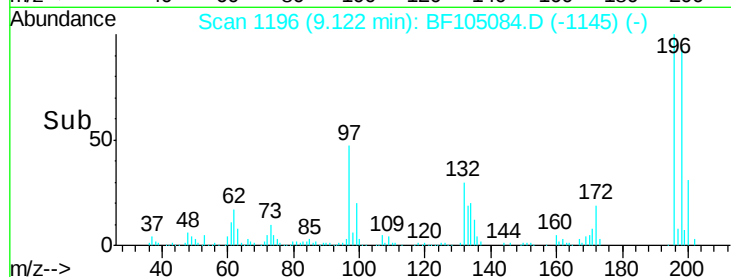


Abundance Ion 196.00 (195.70 to 196.70): E

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: 80.89 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

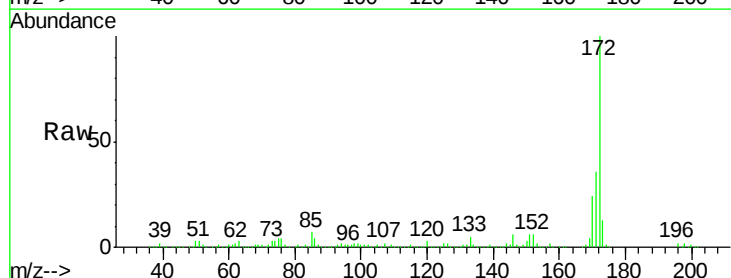
Tgt Ion:172 Resp: 1038904

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

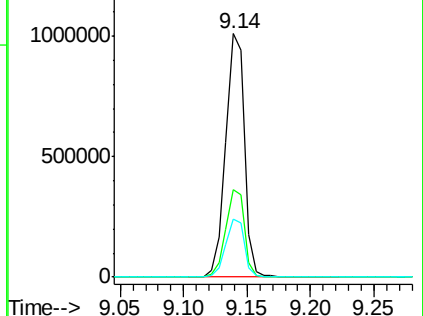
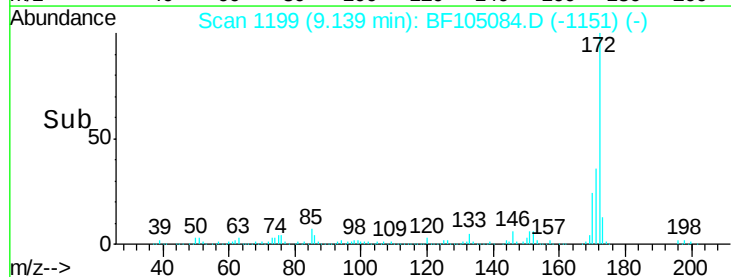
170 23.9 19.6 29.4

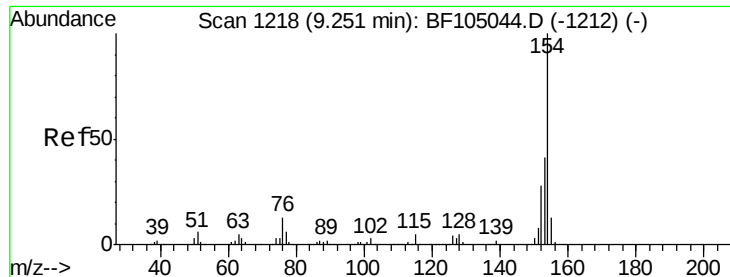


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

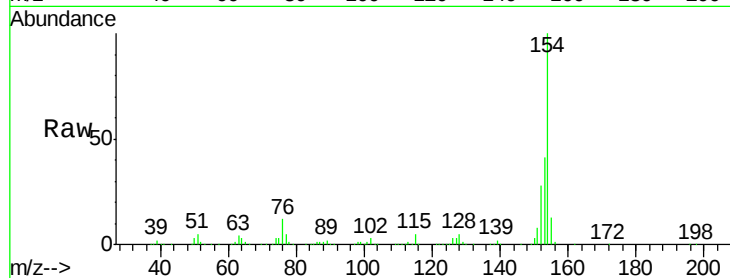




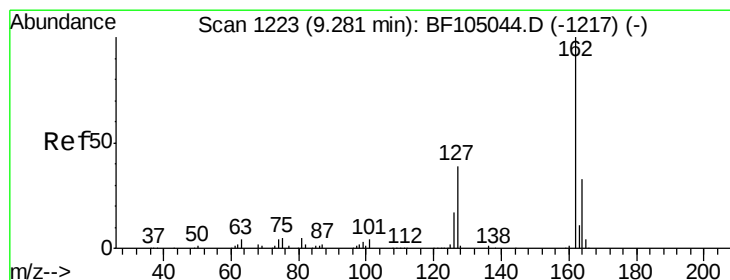
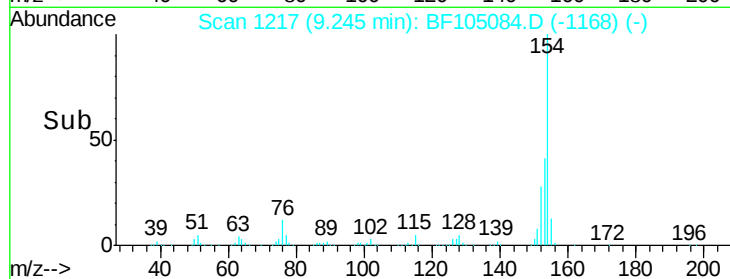
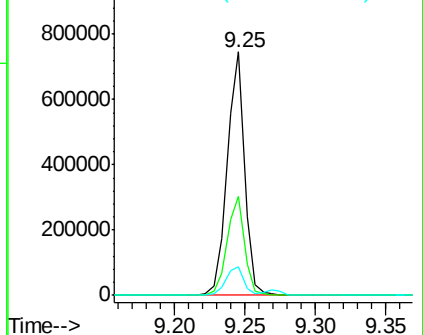
#45
 1,1'-Biphenyl
 Concen: 37.52 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	11.6	0.0	34.0

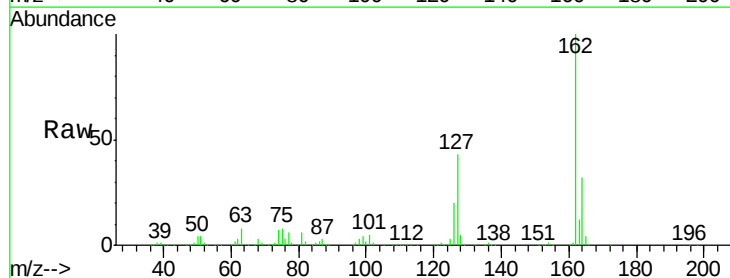


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

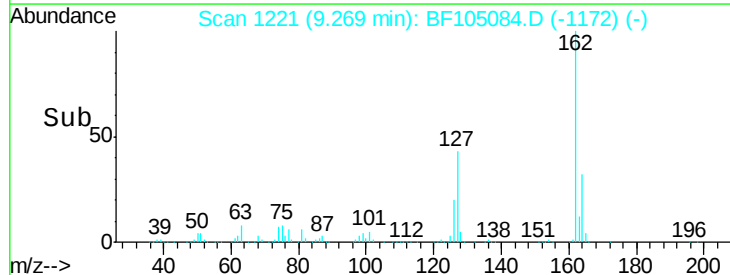
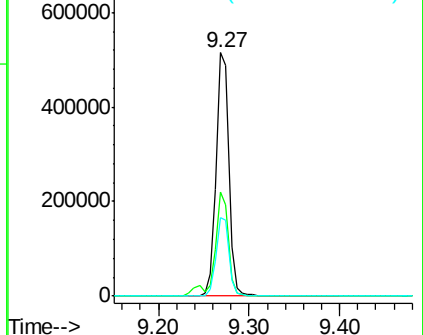


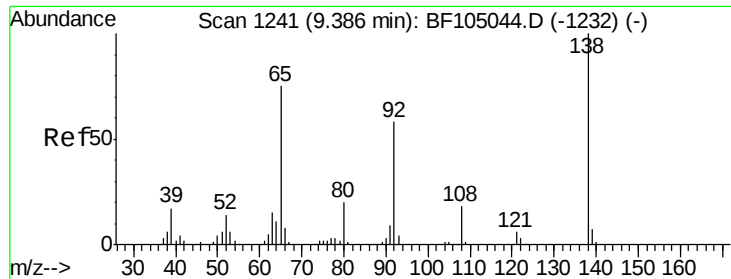
#46
 2-Chloronaphthalene
 Concen: 37.40 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.9	50.9
164	32.3	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

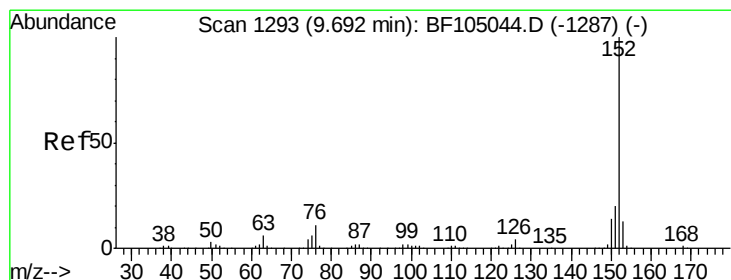
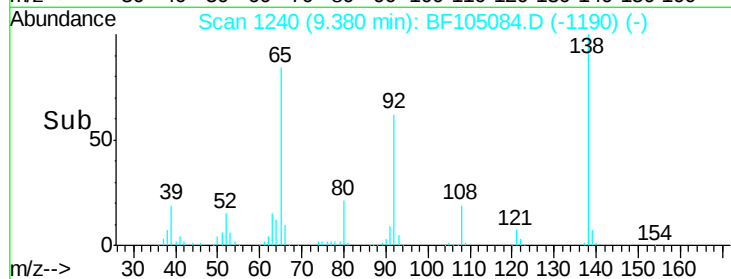
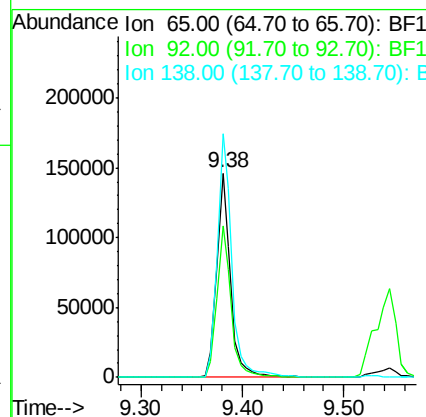
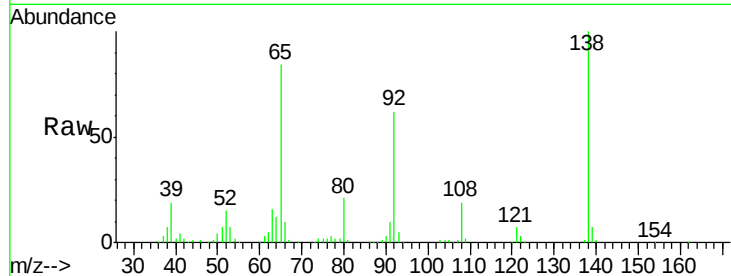




#47
 2-Nitroaniline
 Concen: 42.01 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

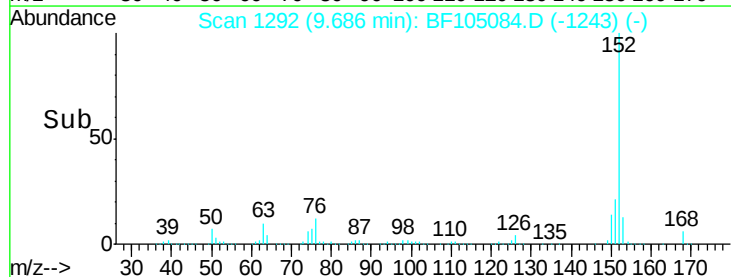
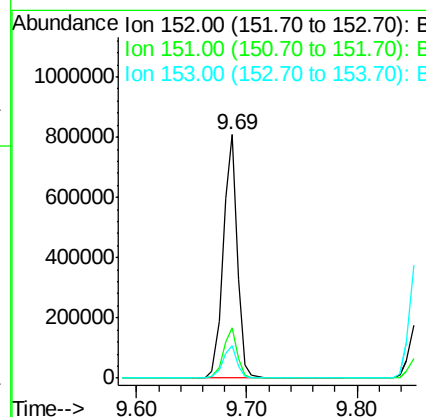
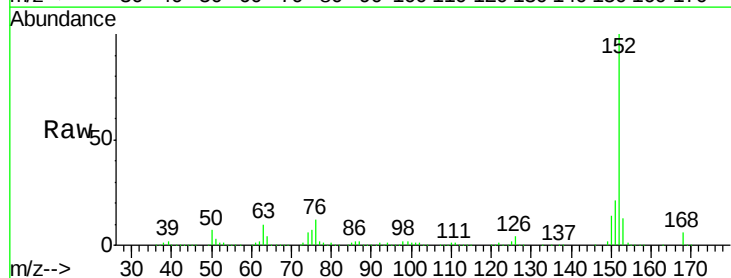
Instrument :
 BNA_F
 ClientSampleId :

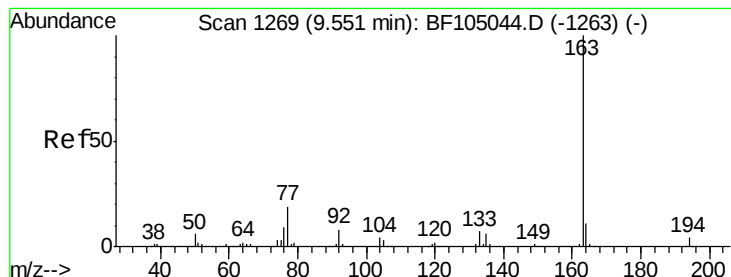
Tot Ion: 65 Resp: 139873
 Ion Ratio Lower Upper
 65 100
 92 74.2 55.8 83.6
 138 119.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 33.68 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion: 152 Resp: 711370
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 43.84 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

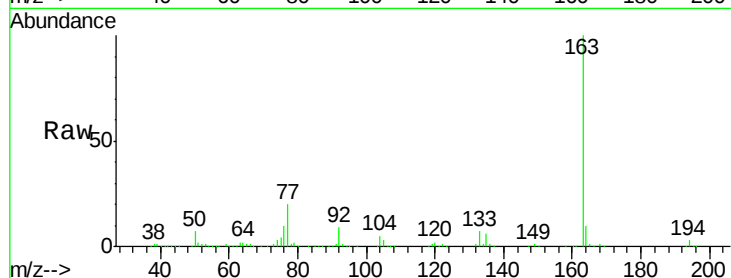
Tot Ion:163 Resp: 701376

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

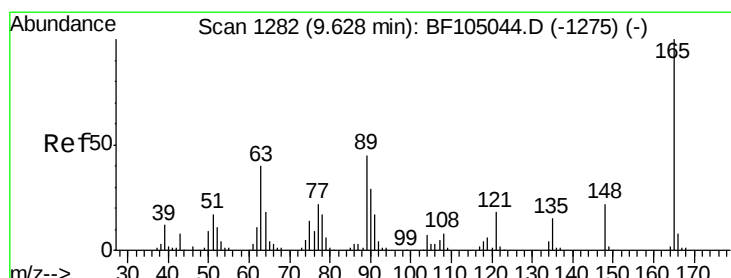
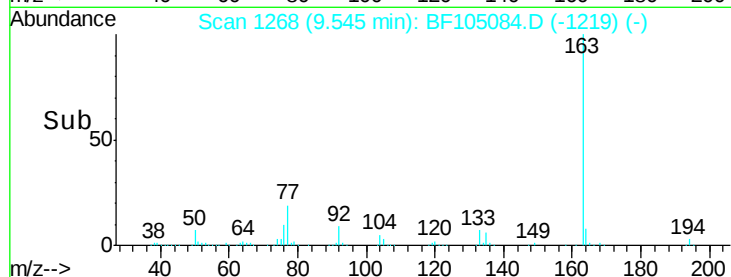
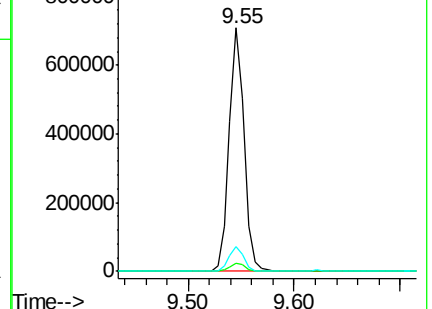
164 10.1 8.2 12.2



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: 44.18 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

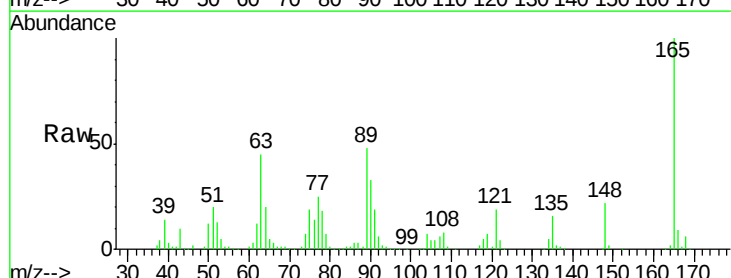
Tgt Ion:165 Resp: 130807

Ion Ratio Lower Upper

165 100

63 44.8 44.7 67.1

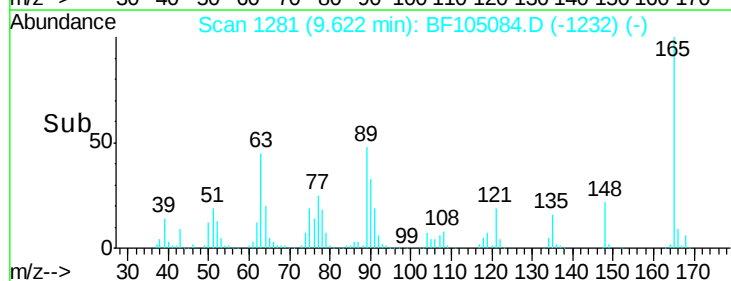
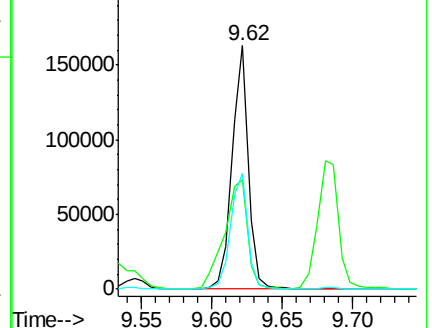
89 47.7 44.0 66.0

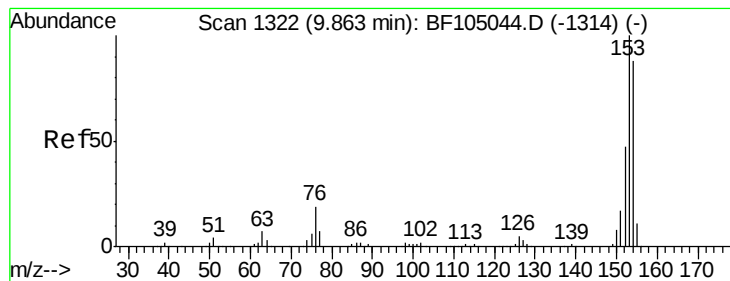


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 33.39 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

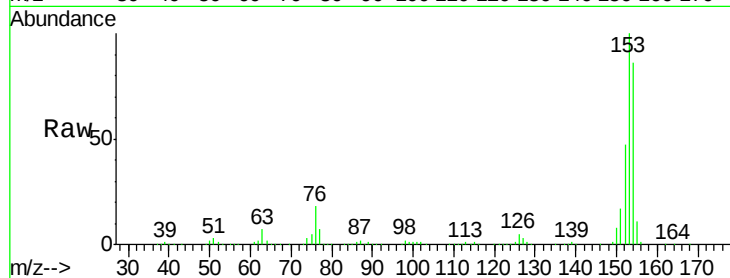
Tot Ion:154 Resp: 430294

Ion Ratio Lower Upper

154 100

153 116.5 91.2 136.8

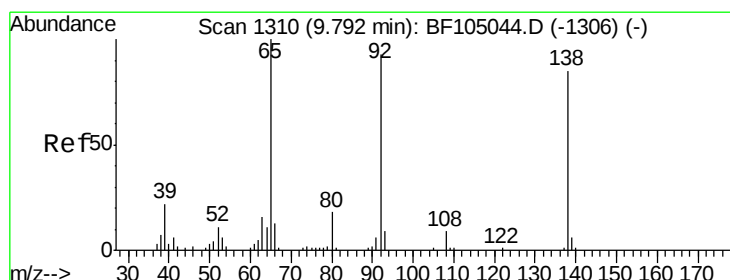
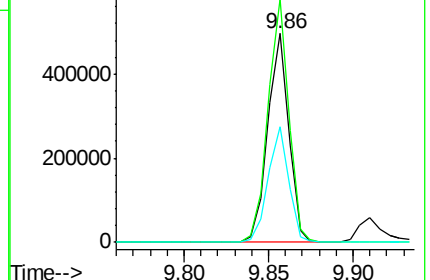
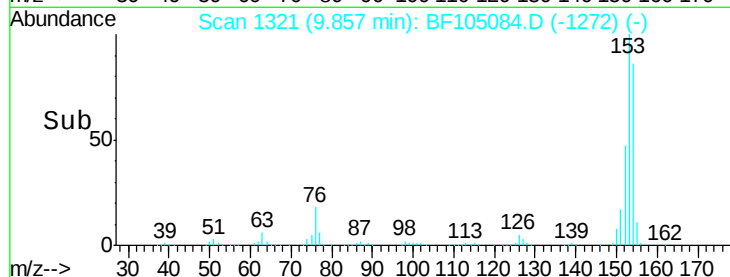
152 55.3 43.8 65.8



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: 19.03 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

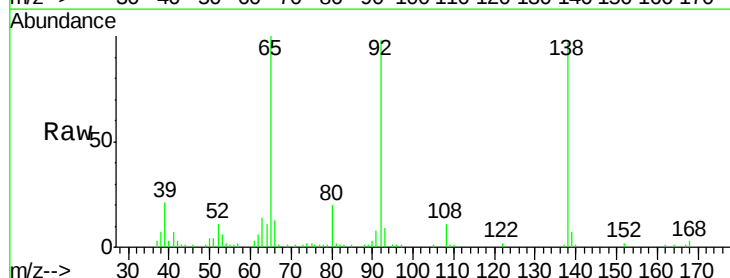
Tgt Ion:138 Resp: 65953

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

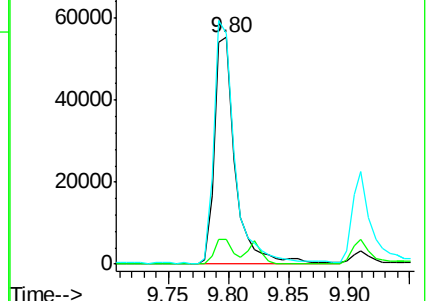
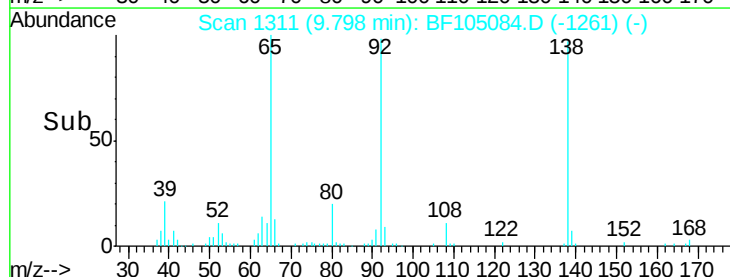
92 101.8 89.4 134.2

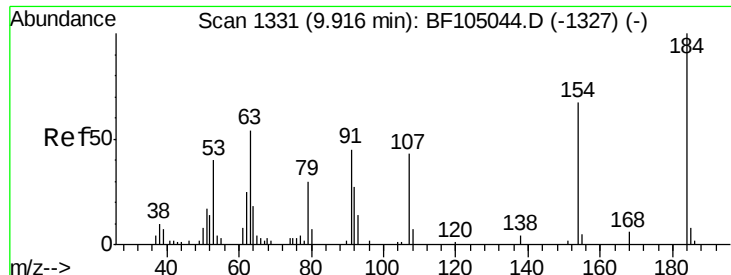


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

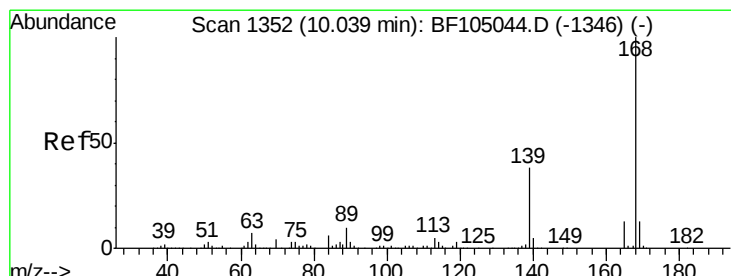
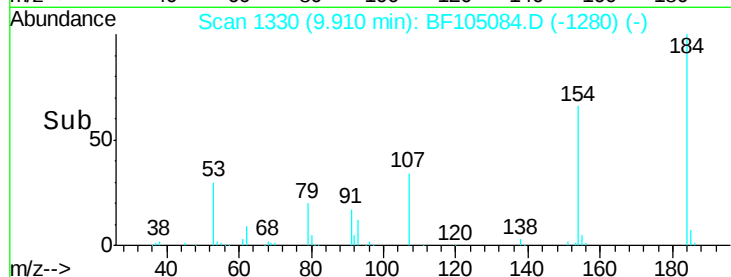
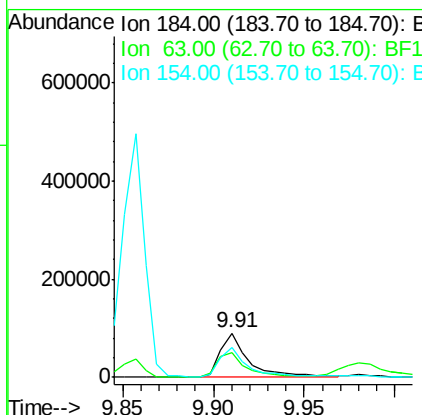
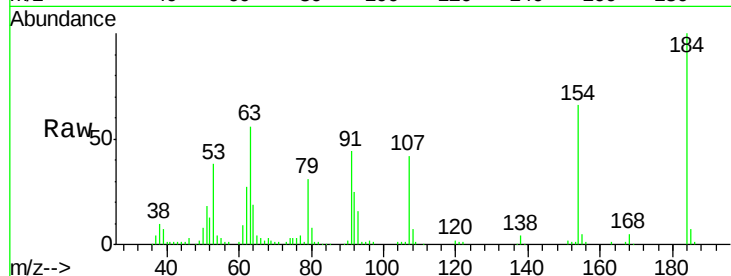




#53
 2,4-Dinitrophenol
 Concen: 82.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

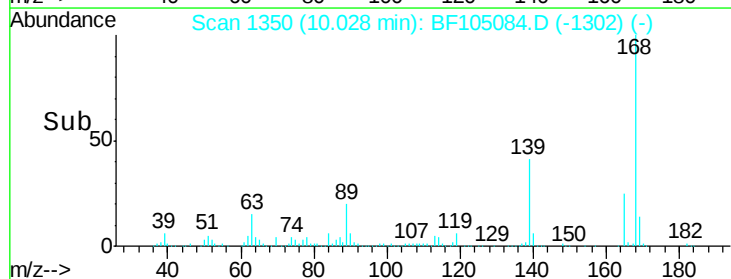
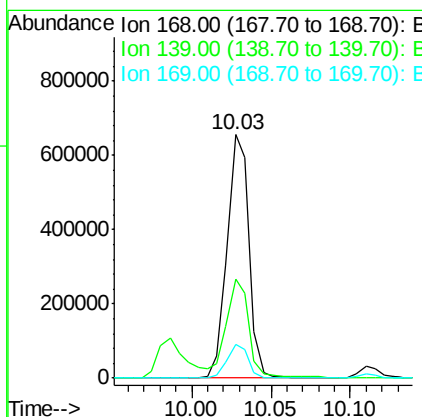
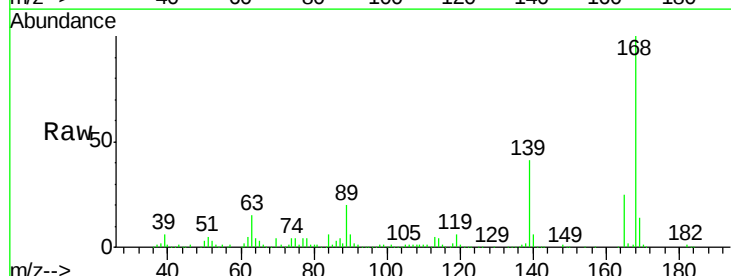
Instrument :
 BNA_F
 ClientSampleId :

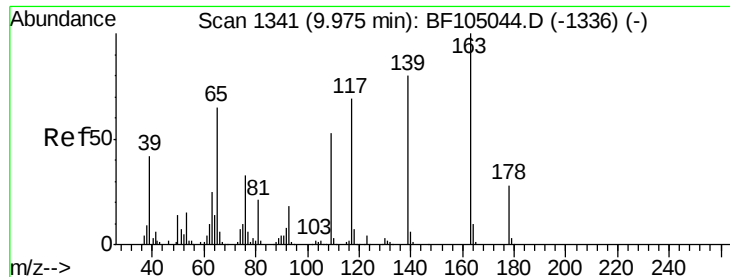
Tot Ion:184 Resp: 101646
 Ion Ratio Lower Upper
 184 100
 63 56.2 54.2 81.2
 154 65.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.94 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:168 Resp: 627598
 Ion Ratio Lower Upper
 168 100
 139 40.7 30.1 45.1
 169 13.6 10.9 16.3

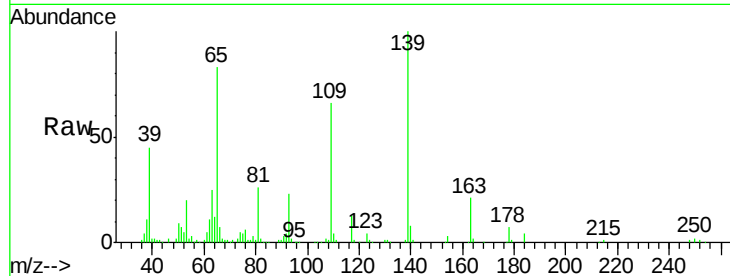




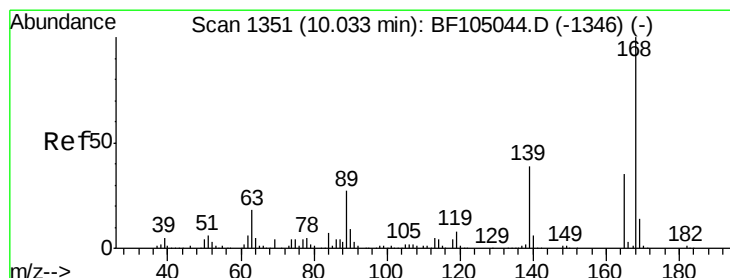
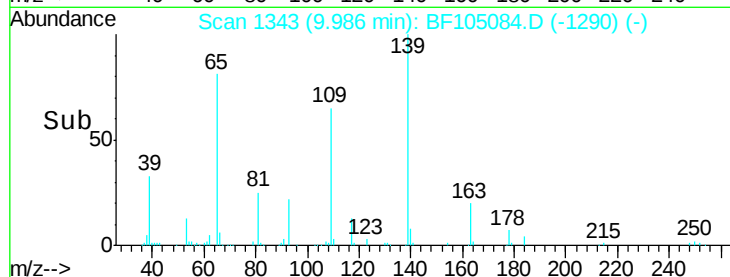
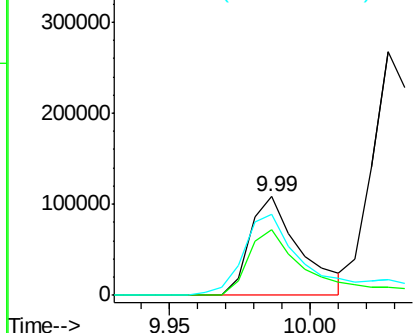
#55
4-Nitrophenol
Concen: 49.10 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 133662
Ion Ratio Lower Upper
139 100
109 66.2 48.4 88.4
65 82.7 72.6 112.6

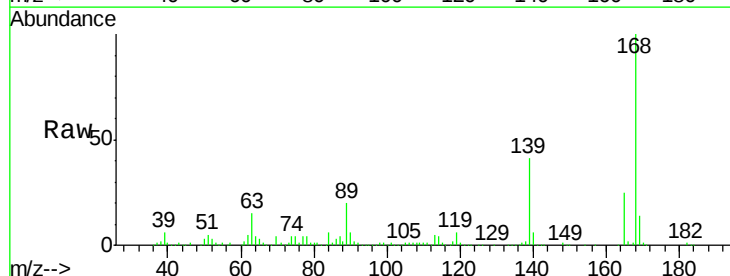


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

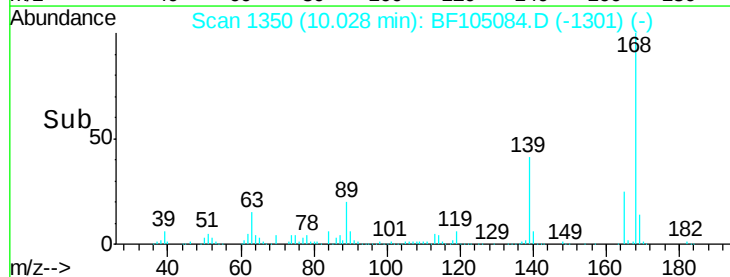
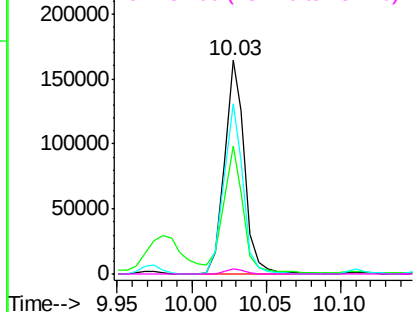


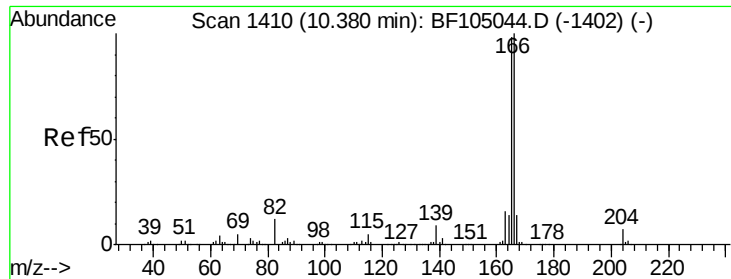
#56
2,4-Dinitrotoluene
Concen: 40.14 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:165 Resp: 155890
Ion Ratio Lower Upper
165 100
63 59.8 36.4 54.6#
89 79.8 57.8 86.6
182 2.3 1.6 2.4



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

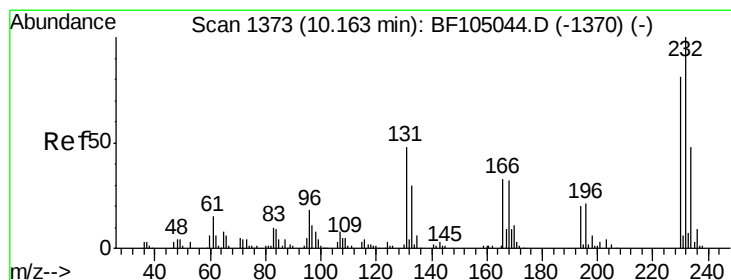
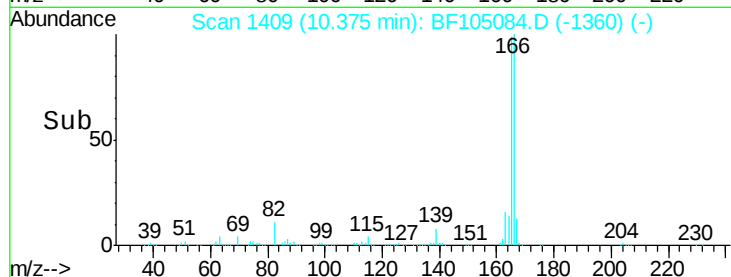
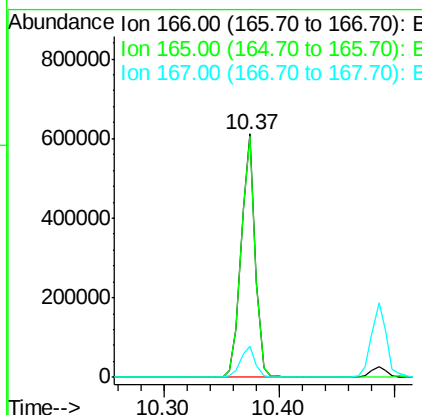
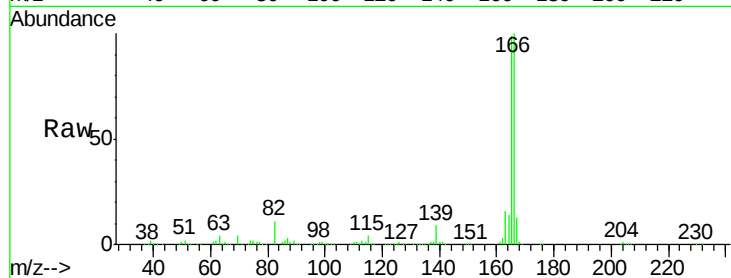




#57
 Fluorene
 Concen: 39.40 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

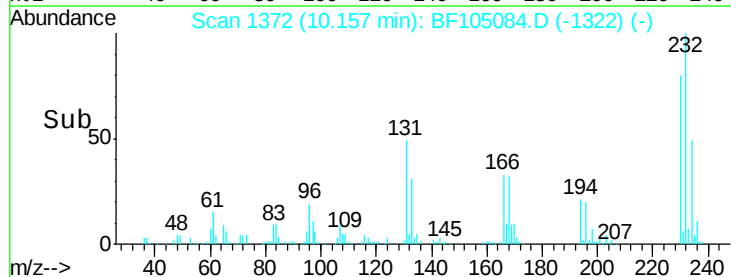
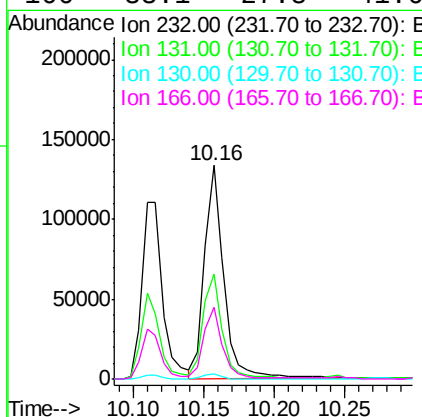
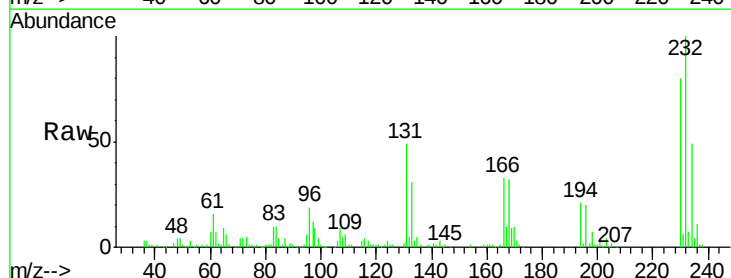
Instrument :
 BNA_F
 ClientSampleId :

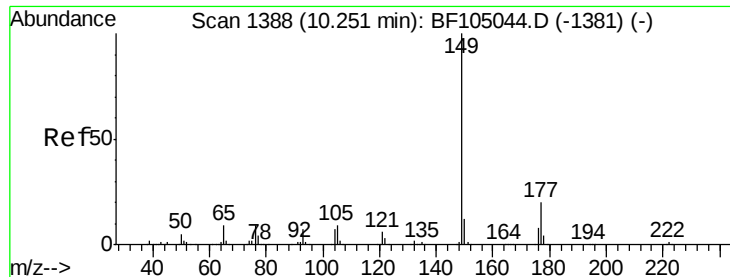
Tot Ion:166 Resp: 515073
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.38 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:232 Resp: 125819
 Ion Ratio Lower Upper
 232 100
 131 49.6 43.8 65.8
 130 2.4 2.1 3.1
 166 33.1 27.8 41.6

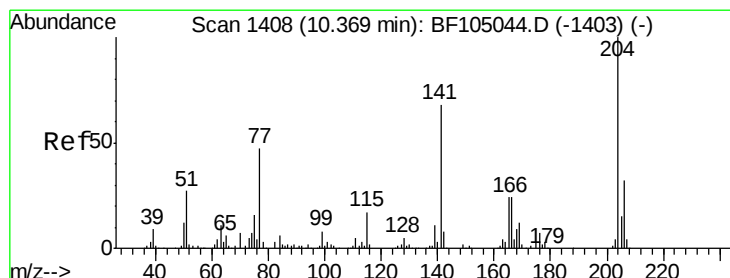
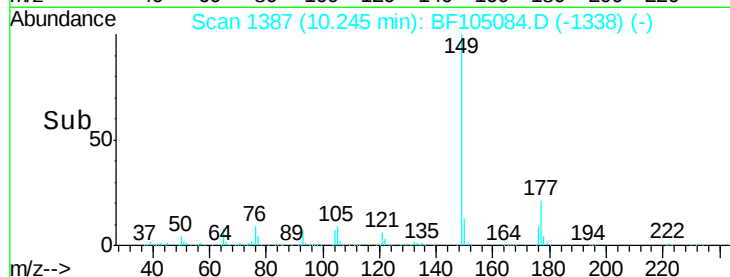
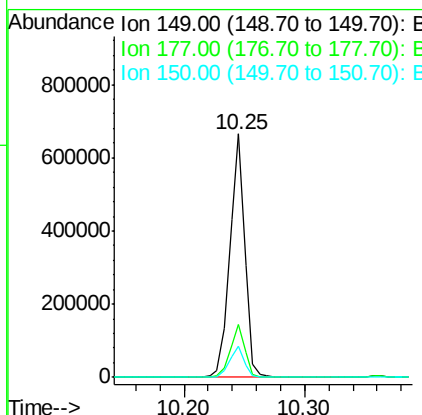
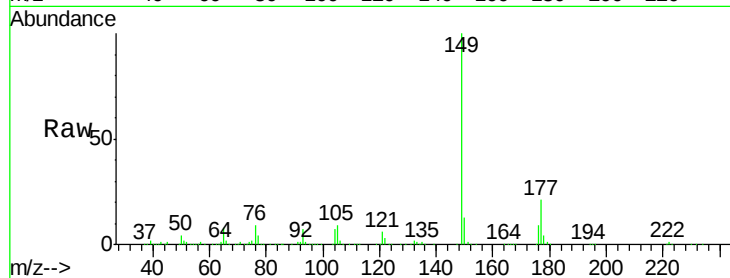




#59
Diethylphthalate
Concen: 35.77 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

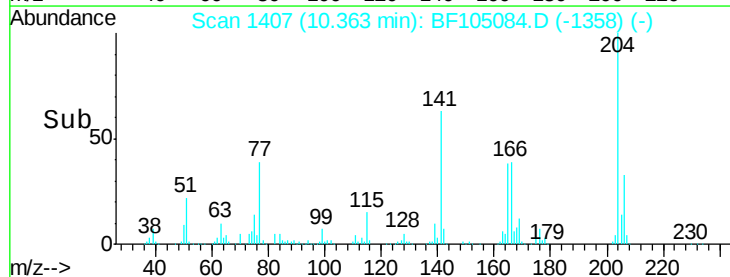
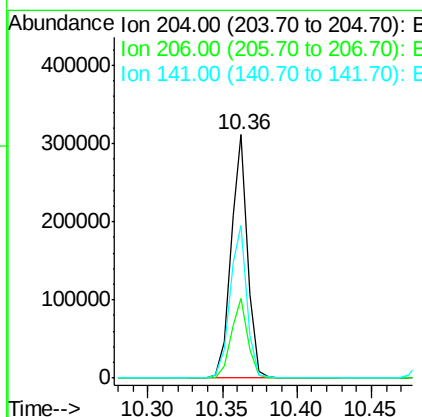
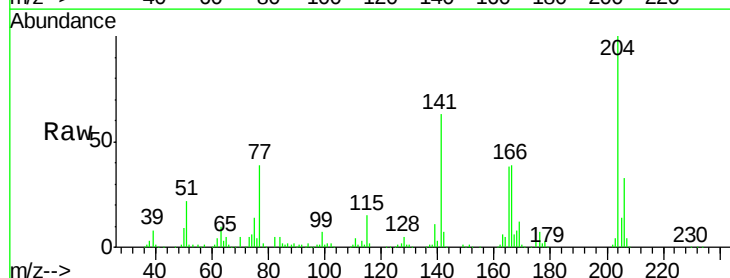
Instrument :
BNA_F
ClientSampleId :

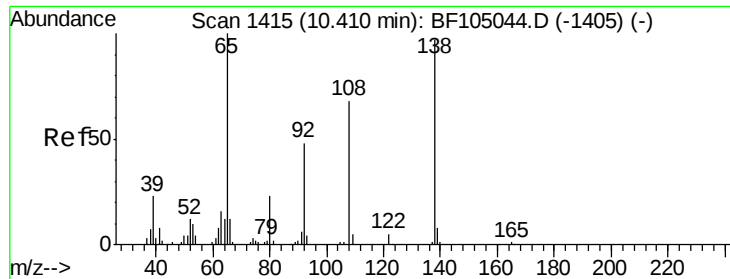
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.8	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.07 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	62.9	54.6	81.8

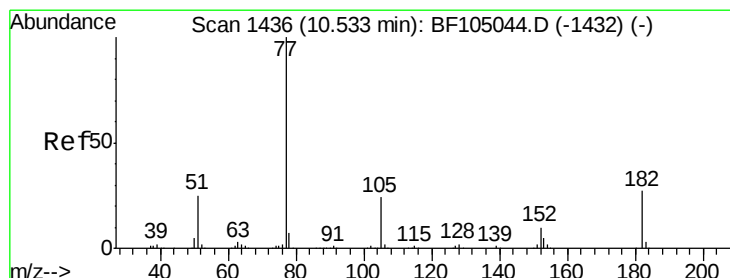
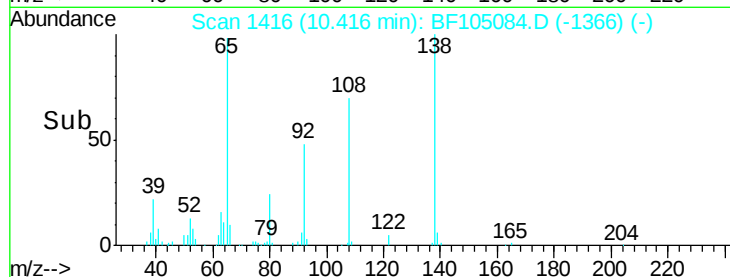
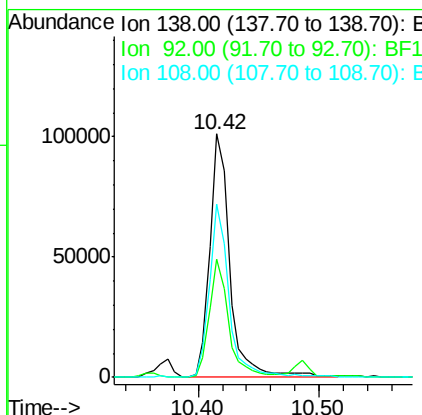
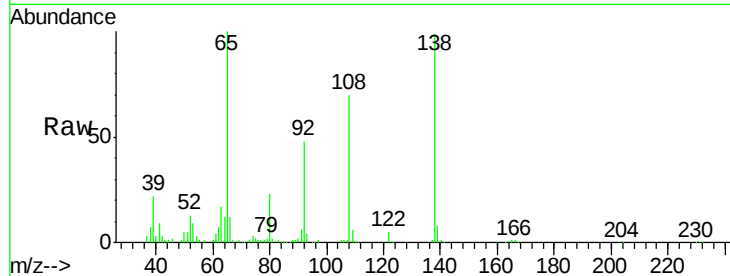




#61
4-Nitroaniline
Concen: 34.54 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

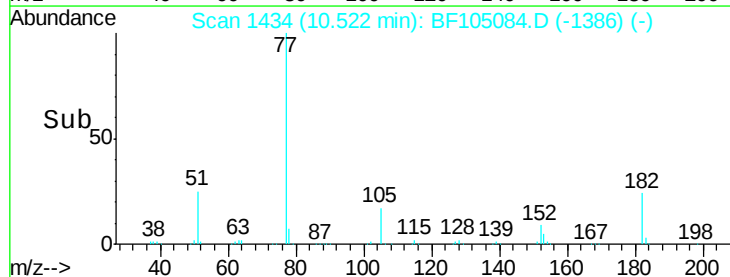
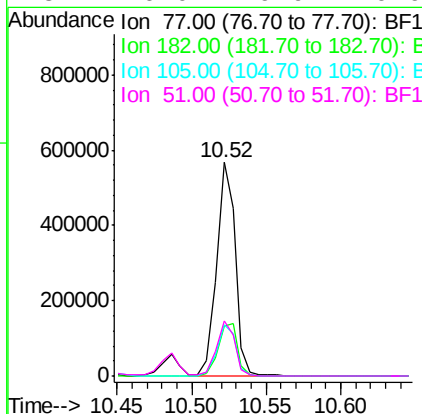
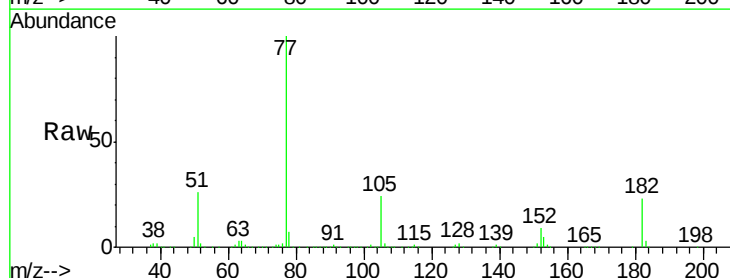
Instrument :
BNA_F
ClientSampled :

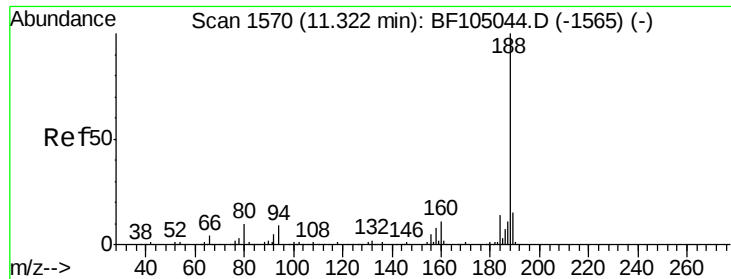
Tot Ion:138 Resp: 117059
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 71.0 52.5 92.5



#62
Azobenzene
Concen: 32.47 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion: 77 Resp: 494263
Ion Ratio Lower Upper
77 100
182 23.4 1.7 41.7
105 23.9 3.0 43.0
51 26.0 9.9 49.9

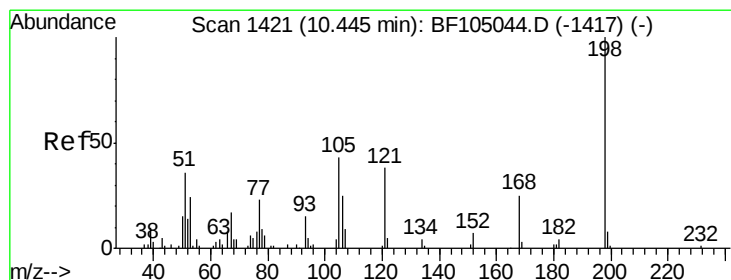
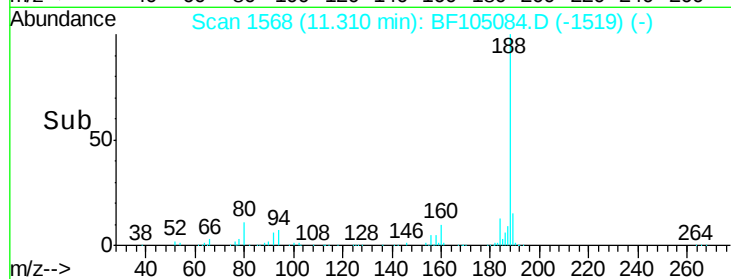
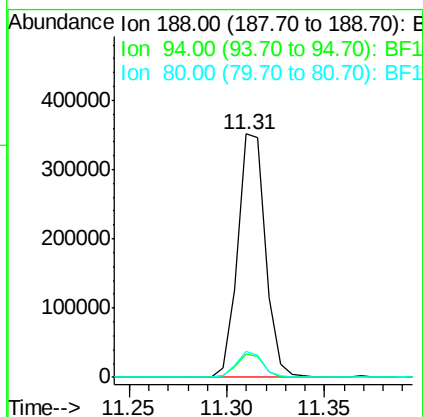
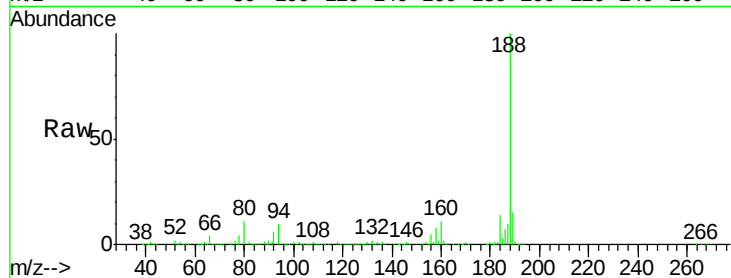




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

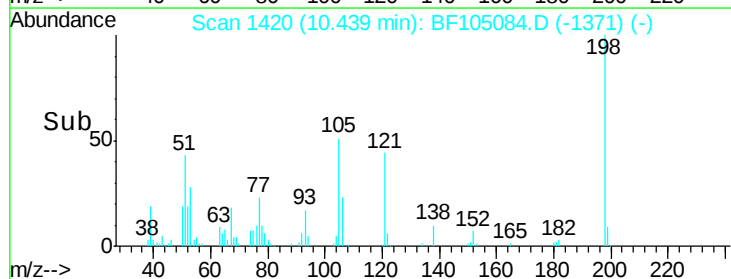
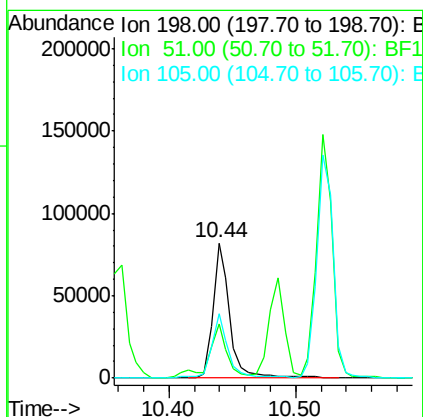
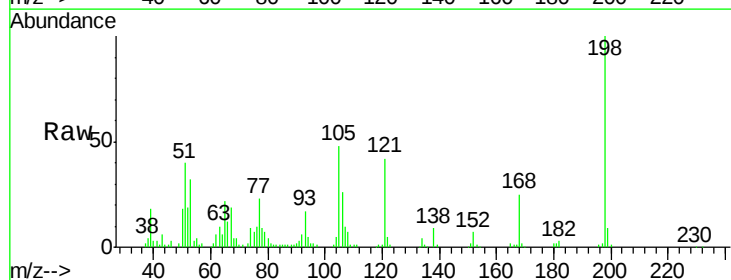
Instrument :
BNA_F
ClientSampleId :

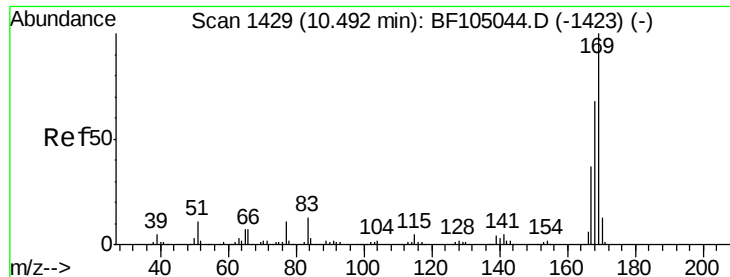
Tot Ion:188 Resp: 346962
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 45.92 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:198 Resp: 76957
Ion Ratio Lower Upper
198 100
51 39.8 37.7 77.7
105 47.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 37.68 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

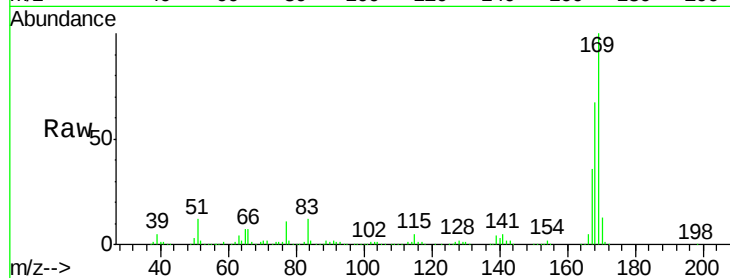
Tot Ion:169 Resp: 453242

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

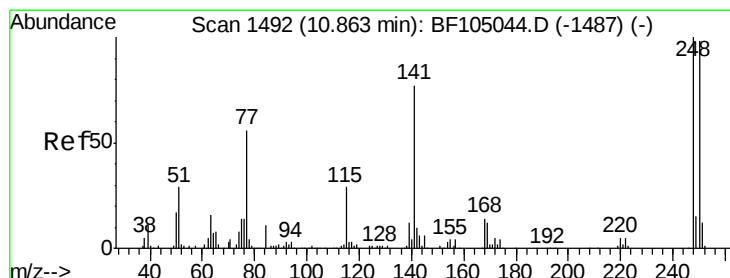
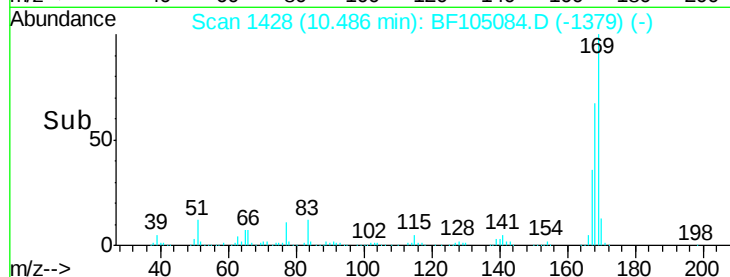
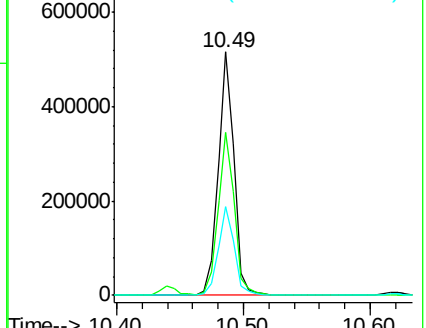
167 36.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.98 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

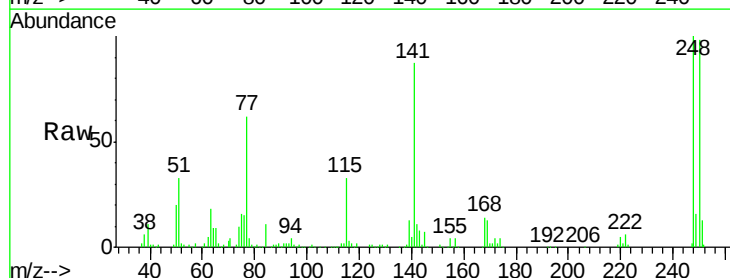
Tgt Ion:248 Resp: 143860

Ion Ratio Lower Upper

248 100

250 98.5 76.9 115.3

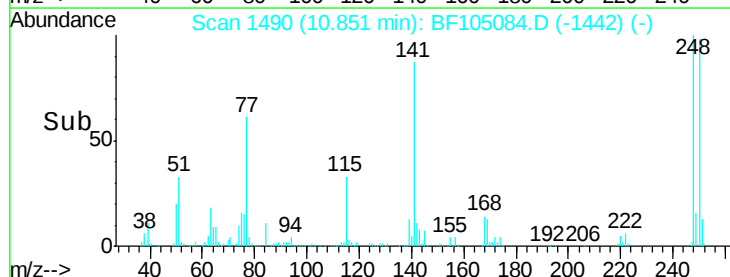
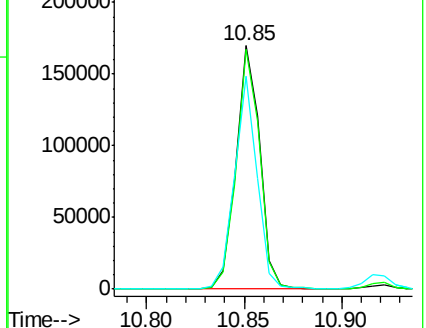
141 87.4 74.4 111.6

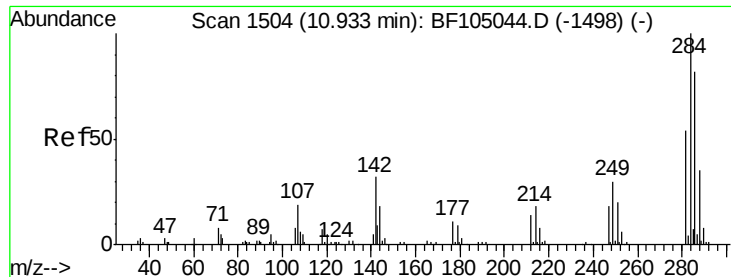


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.02 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

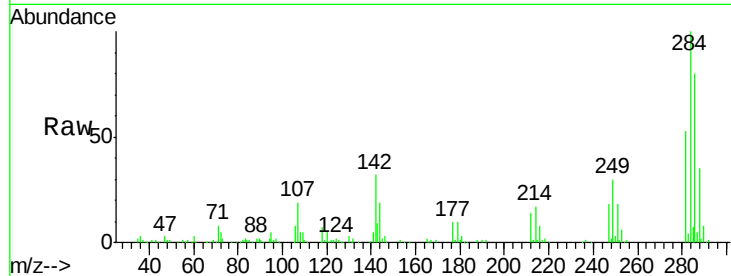
Tot Ion:284 Resp: 157879

Ion Ratio Lower Upper

284 100

142 31.9 34.6 52.0#

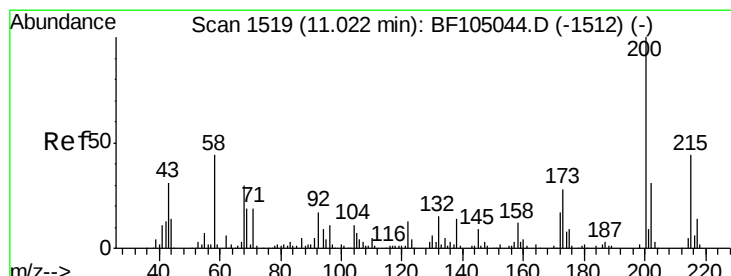
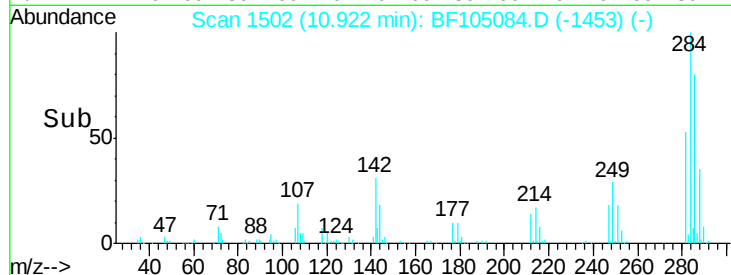
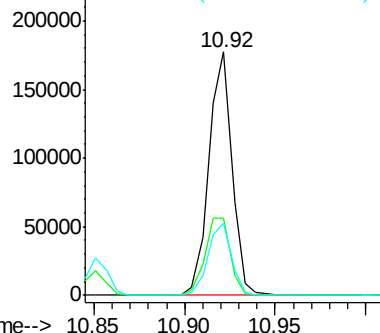
249 29.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.76 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

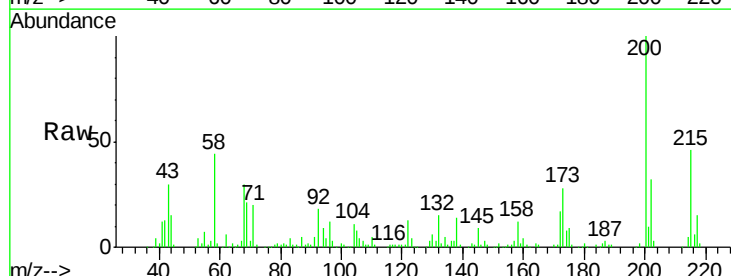
Tgt Ion:200 Resp: 133489

Ion Ratio Lower Upper

200 100

173 28.5 8.6 48.6

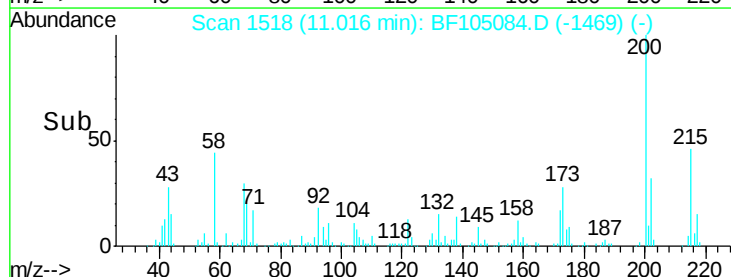
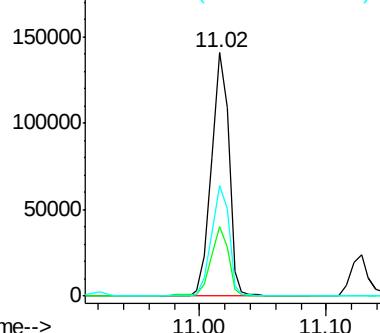
215 45.6 25.1 65.1

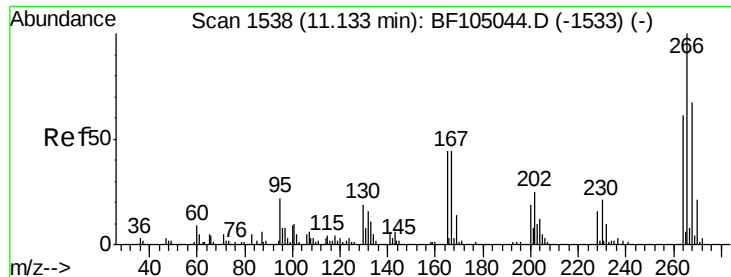


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

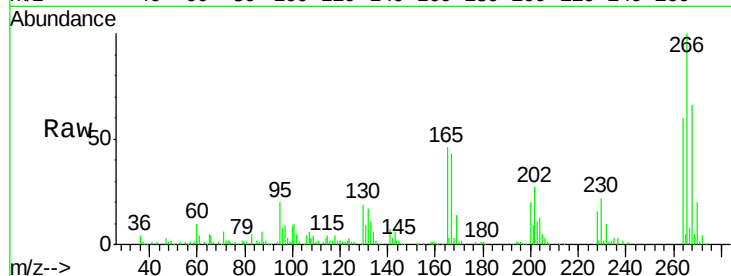




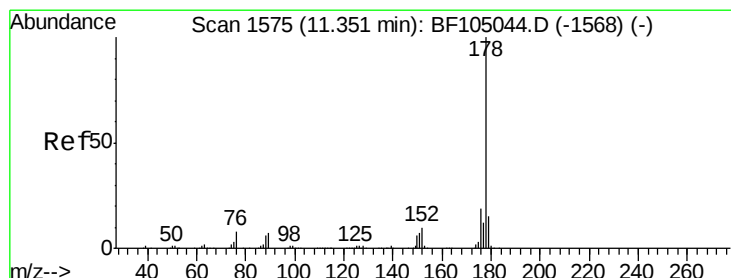
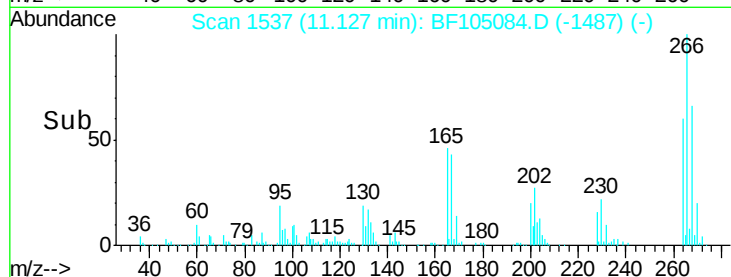
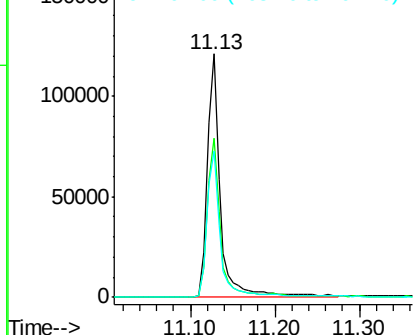
#69
 Pentachlorophenol
 Concen: 51.36 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 131959
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.1 76.7
 264 60.0 49.5 74.3

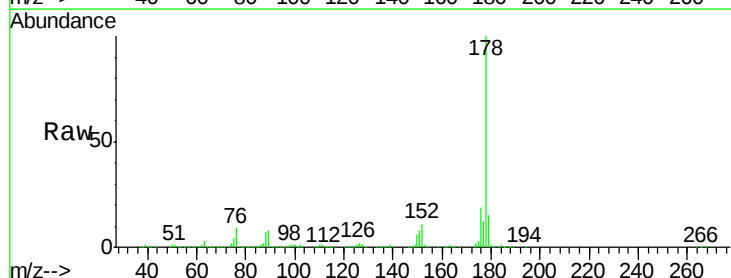


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

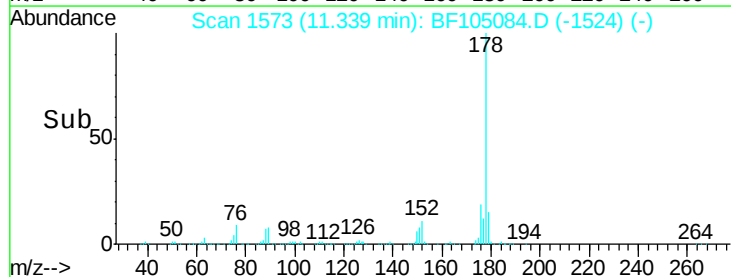
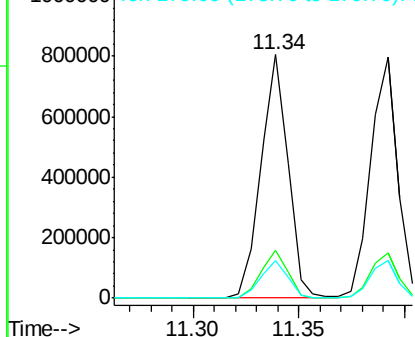


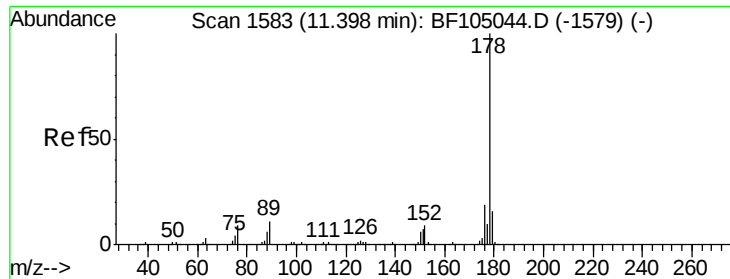
#70
 Phenanthrene
 Concen: 37.26 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:178 Resp: 719874
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.5 13.0 19.6



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

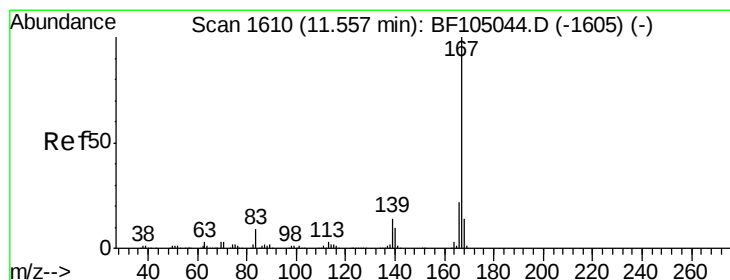
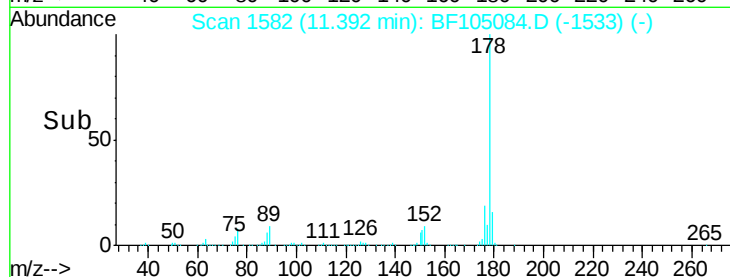
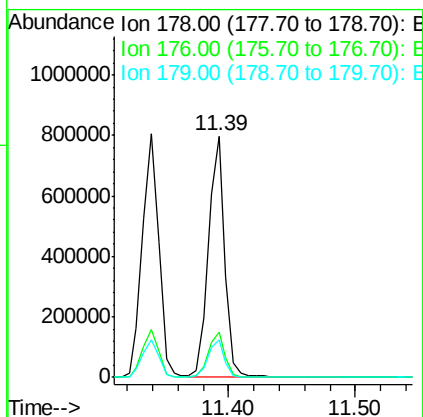
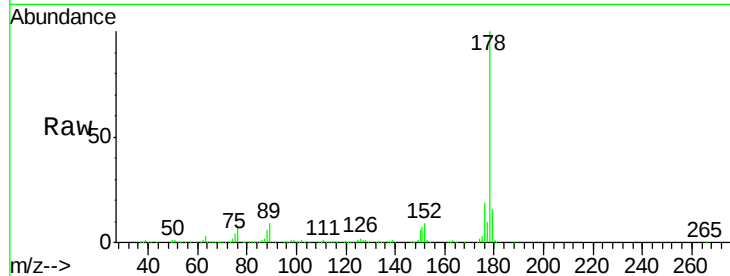




#71
 Anthracene
 Concen: 36.76 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

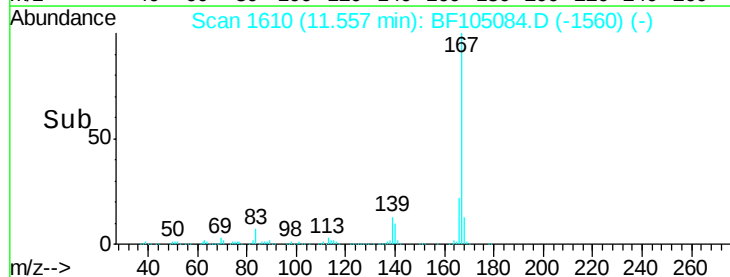
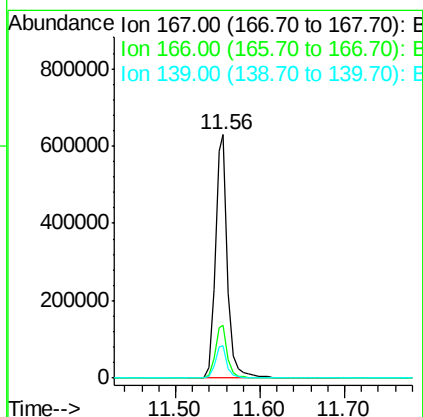
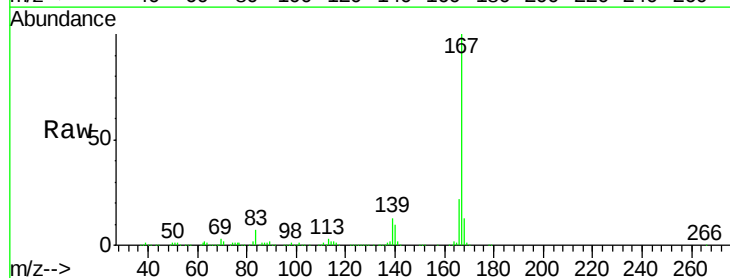
Instrument :
 BNA_F
 ClientSampleId :

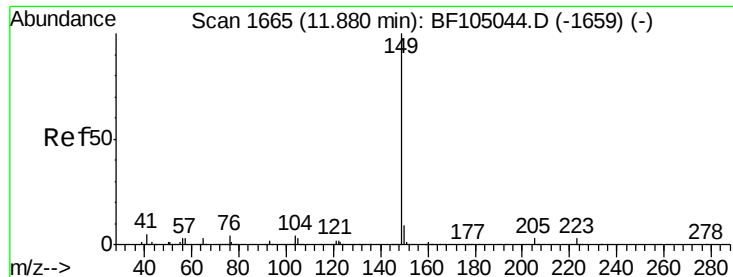
Tot Ion:178 Resp: 722057
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 33.83 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:167 Resp: 649354
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.75 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampled :

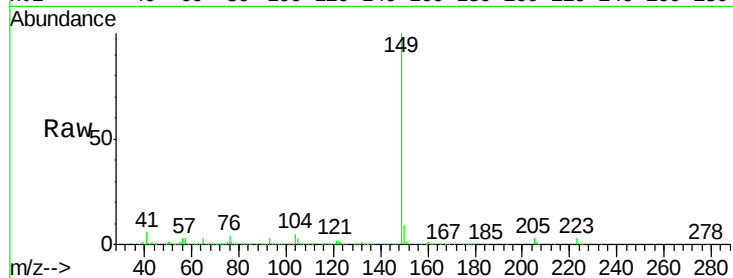
Tot Ion:149 Resp: 861506

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

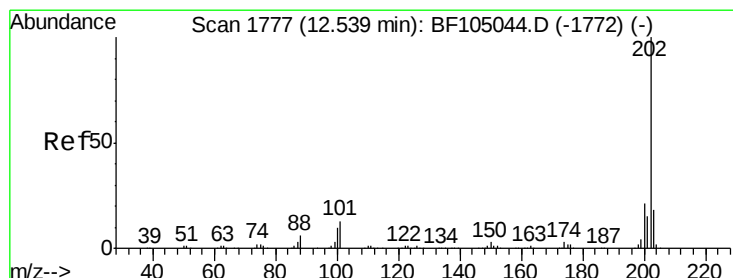
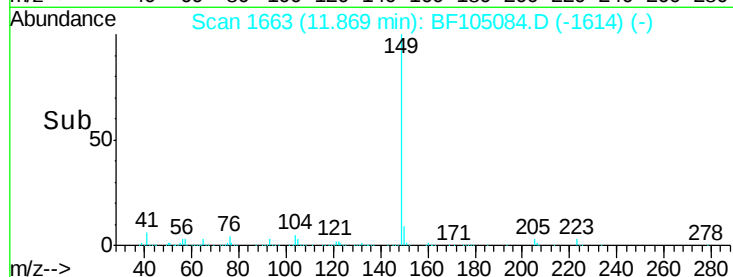
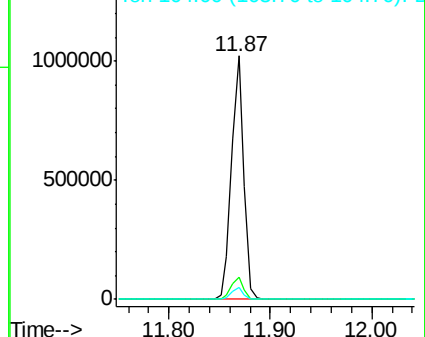
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.08 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

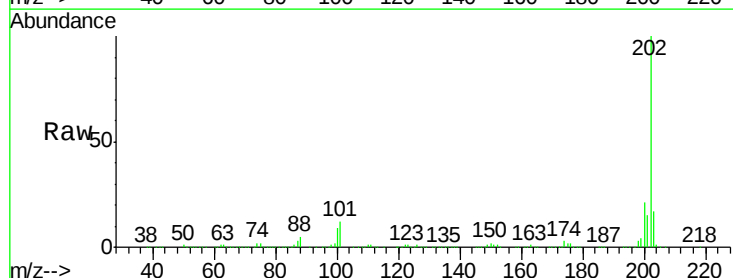
Tgt Ion:202 Resp: 688094

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

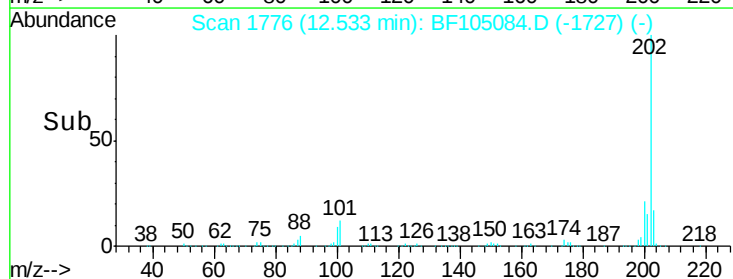
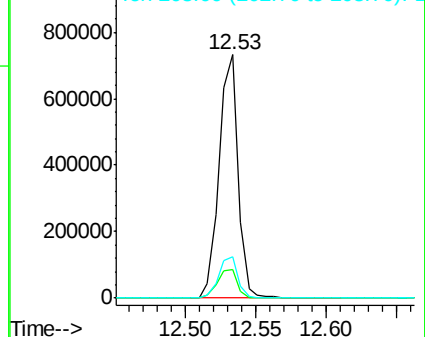
203 17.2 0.0 38.1

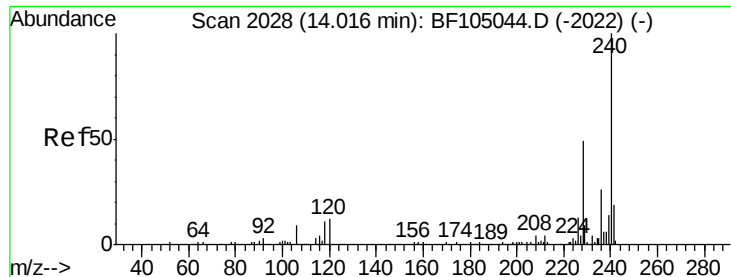


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.05 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

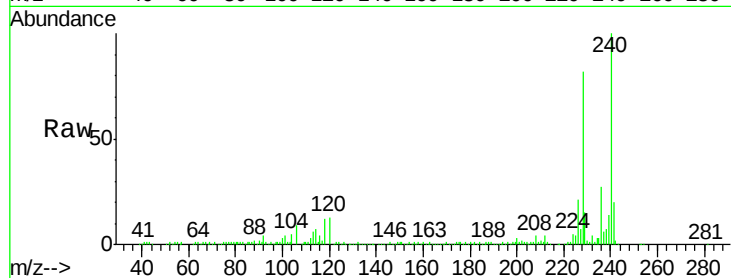
Tot Ion:240 Resp: 197317

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

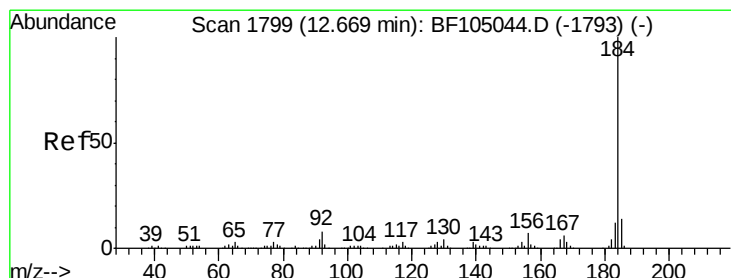
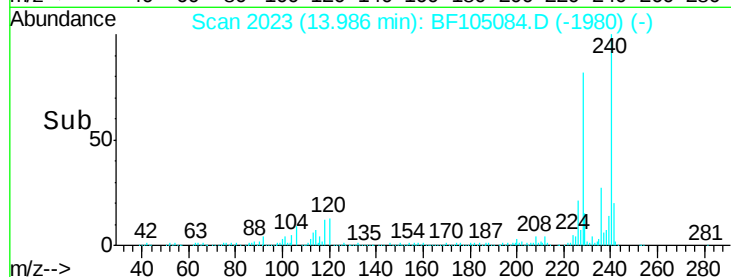
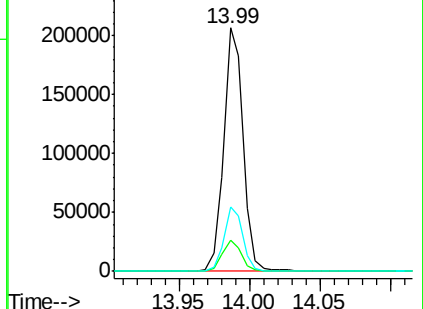
236 26.7 20.7 31.1



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: 11.26 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

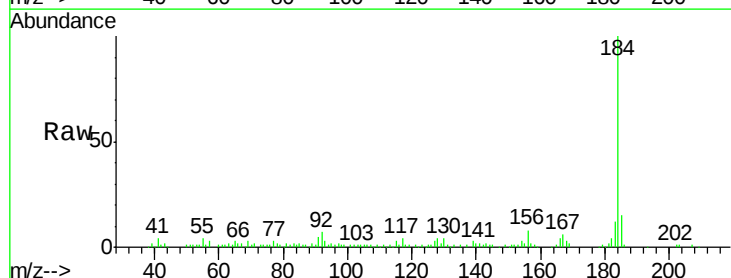
Tgt Ion:184 Resp: 104408

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

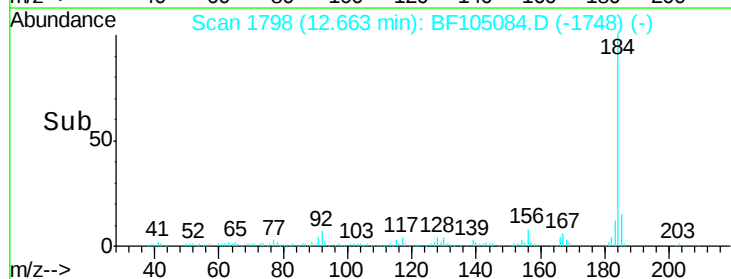
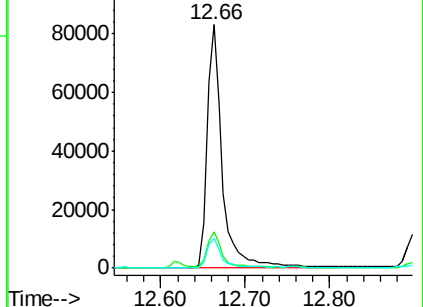
183 12.5 9.3 13.9

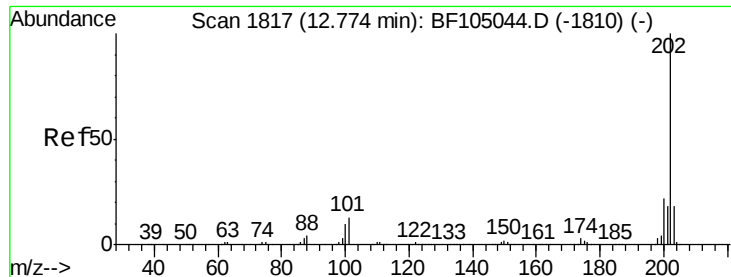


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

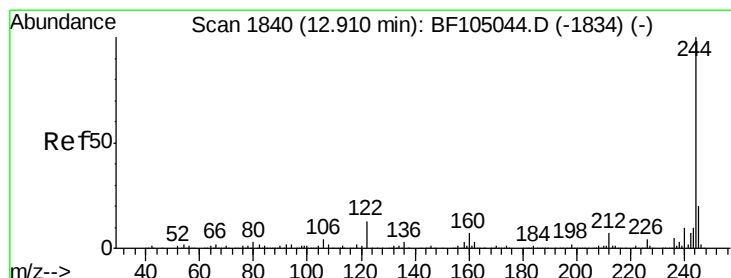
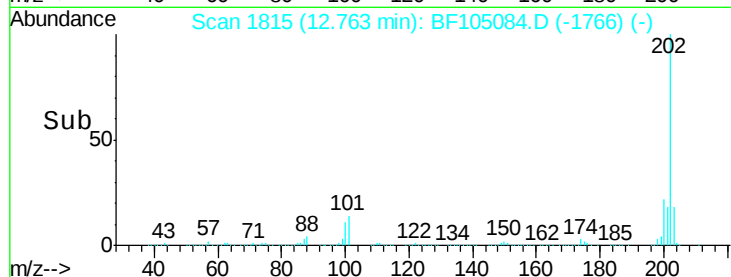
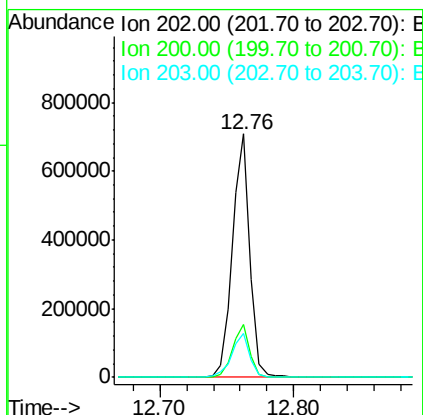
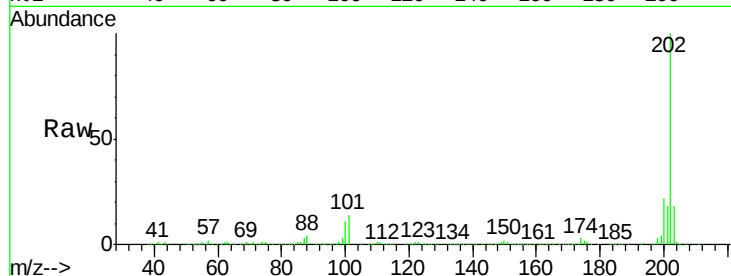




#77
Pvrene
Concen: 44.35 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

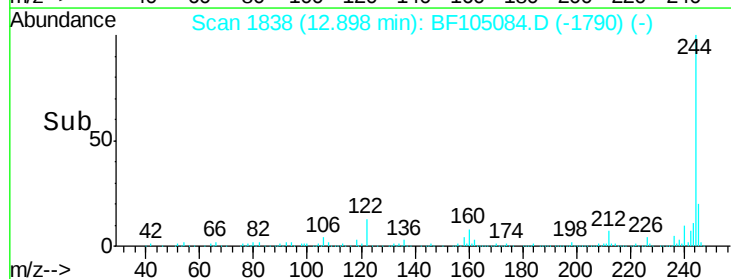
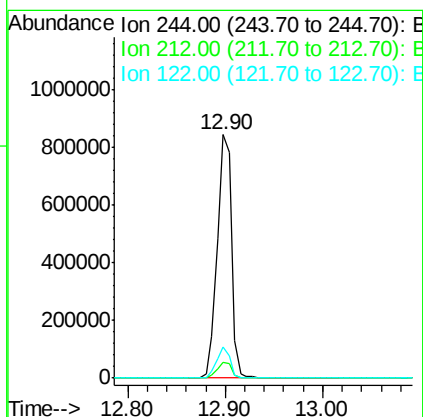
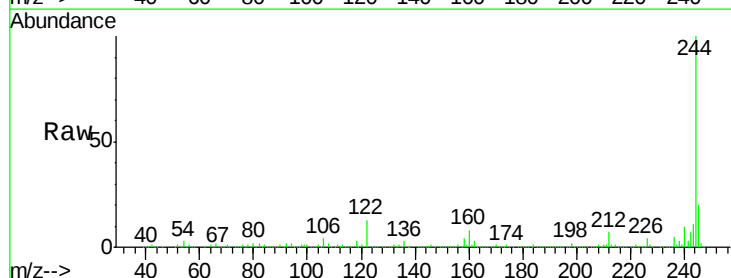
Instrument :
BNA_F
ClientSampleId :

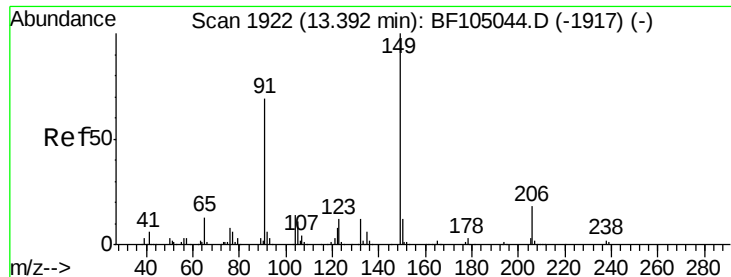
Tot Ion:202 Resp: 648693
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 99.68 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:244 Resp: 862702
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 12.7 11.0 16.4

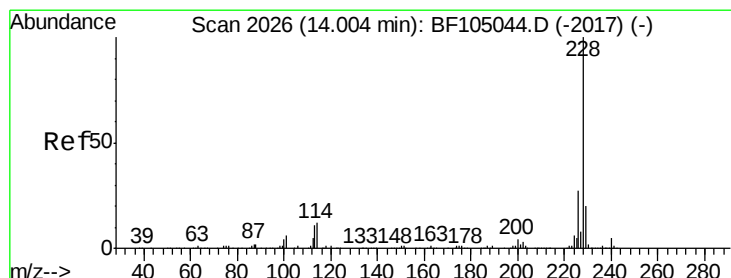
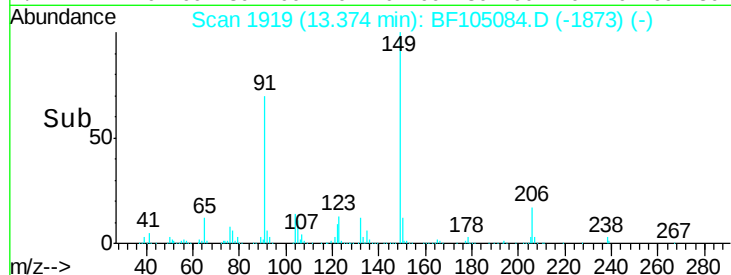
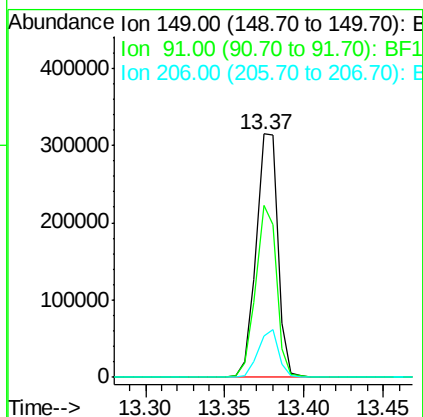
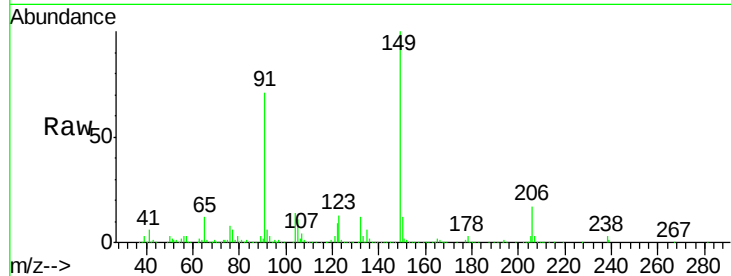




#79
Butylbenzylphthalate
Concen: 43.76 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.03 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

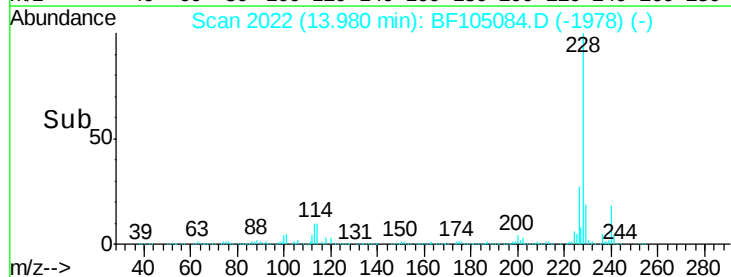
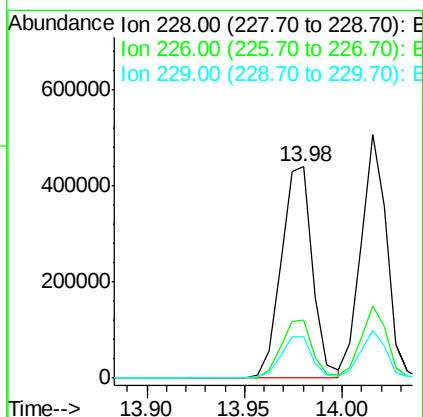
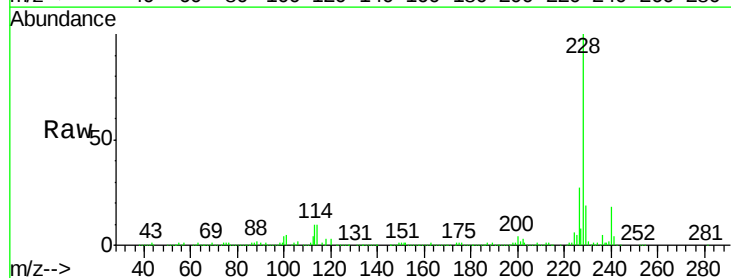
Instrument :
BNA_F
ClientSampleId :

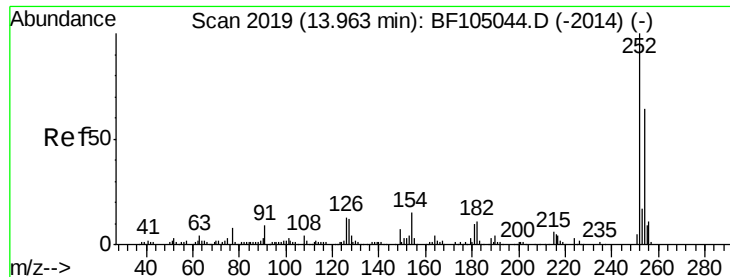
Tot Ion:149 Resp: 301491
Ion Ratio Lower Upper
149 100
91 70.7 56.8 85.2
206 17.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.45 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:228 Resp: 488666
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.3 15.8 23.6

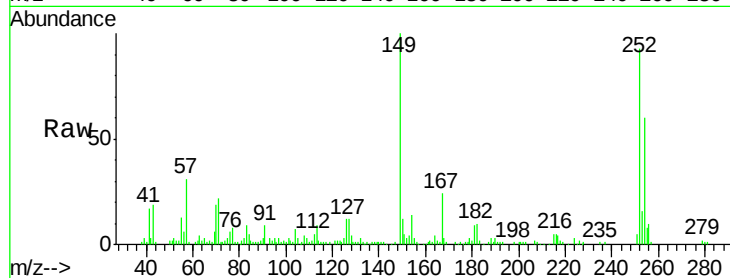




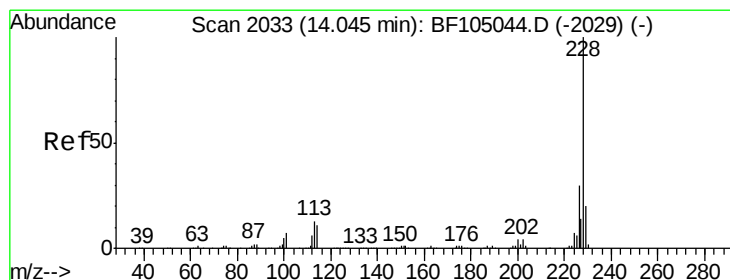
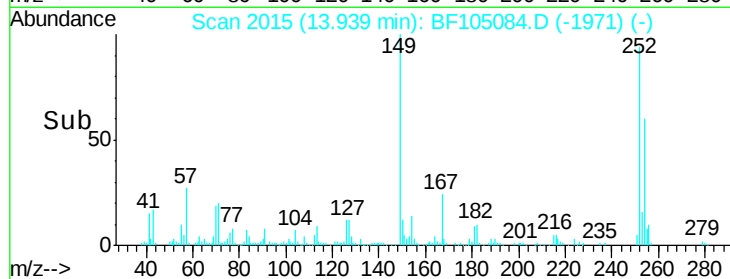
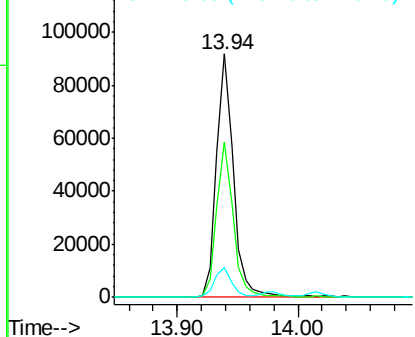
#81
 3,3'-Dichlorobenzidine
 Concen: 20.23 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.04 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 88922
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.4 75.6
 126 12.4 11.3 16.9

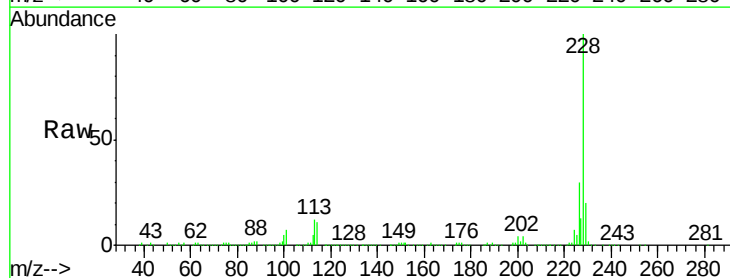


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

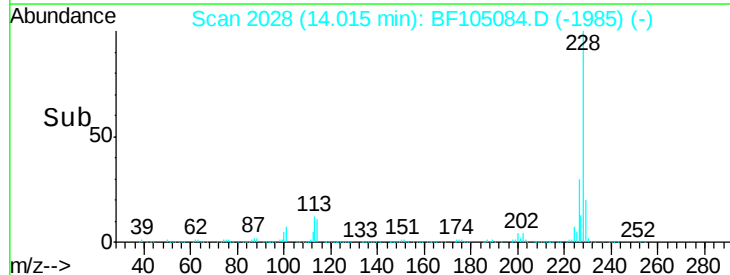
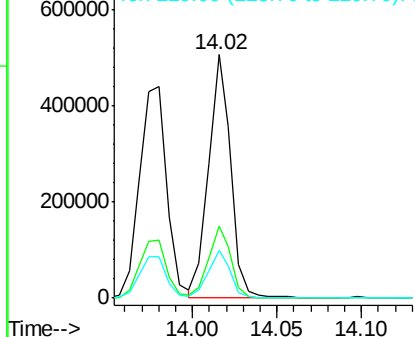


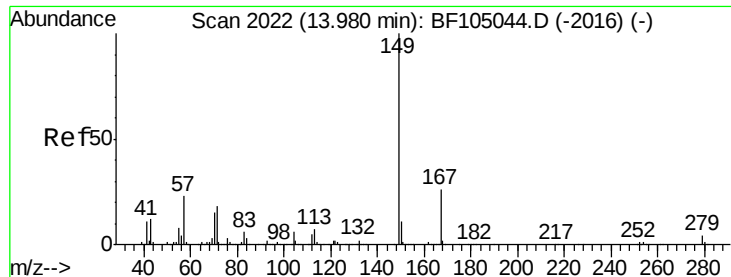
#82
 Chrysene
 Concen: 38.27 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.05 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion:228 Resp: 463392
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.6
 229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

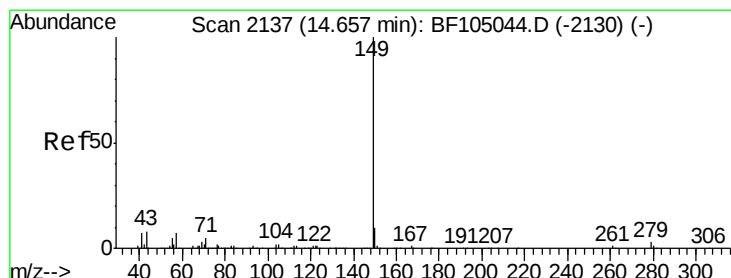
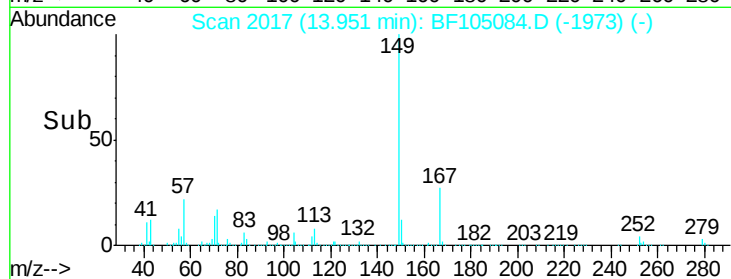
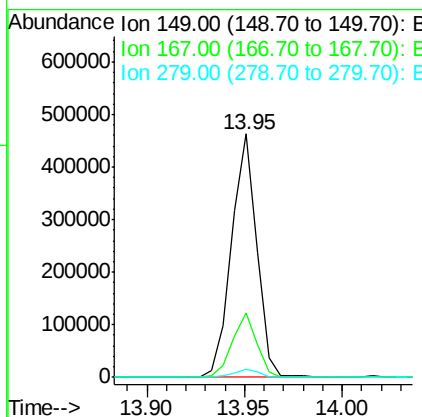
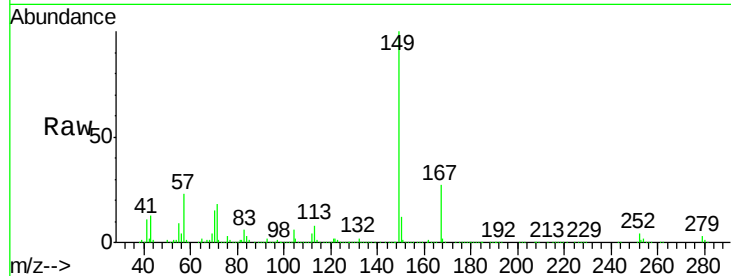




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.57 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.04 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

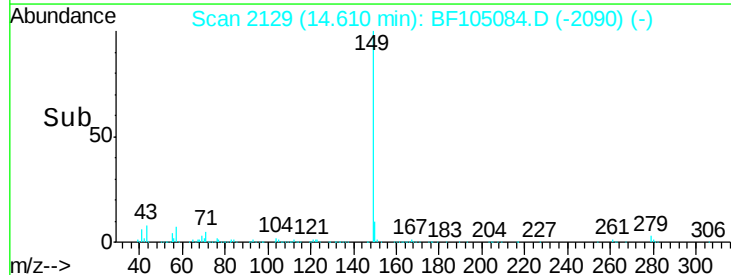
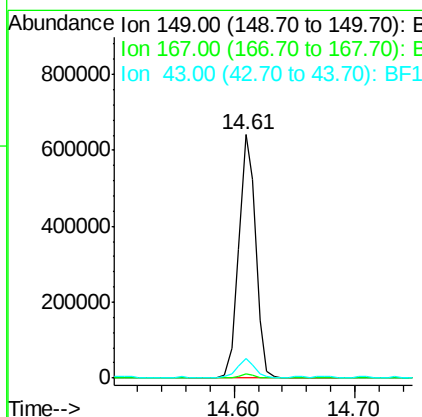
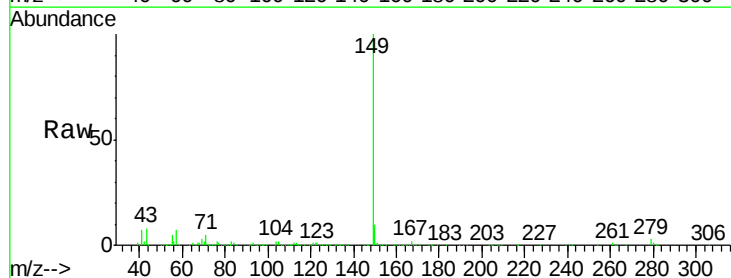
Instrument :
 BNA_F
 ClientSampleId :

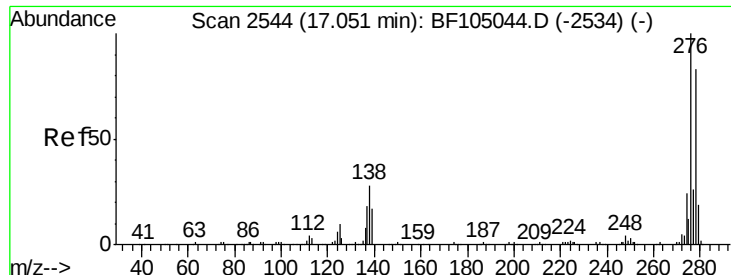
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.5	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 42.24 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.07 min
 Lab File: BF105084.D
 Acq: 3 May 2018 20:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.5	8.4	12.6#

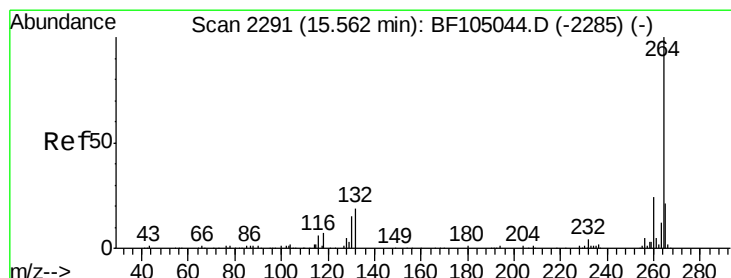
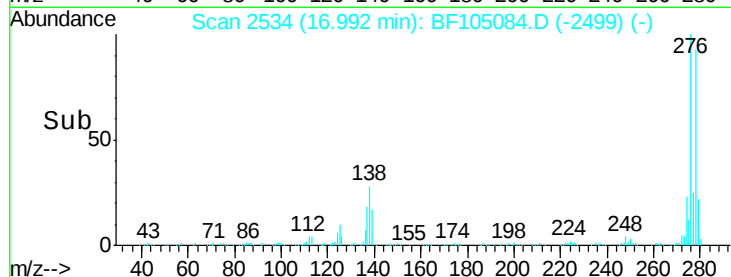
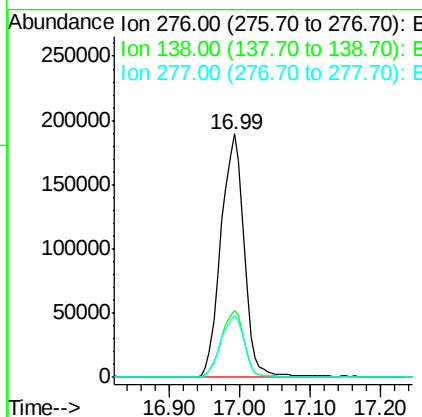
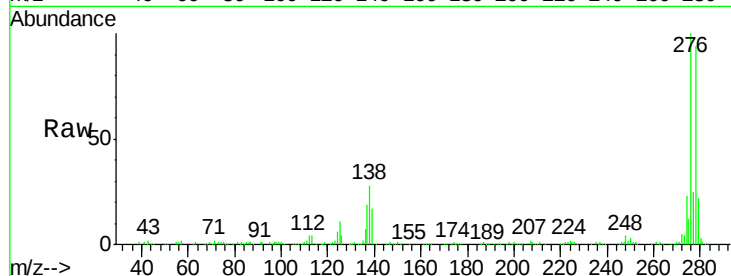




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.43 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.09 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

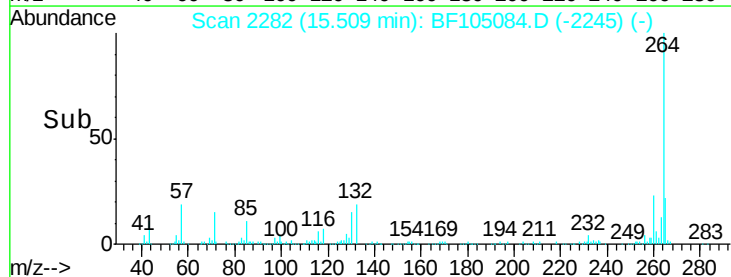
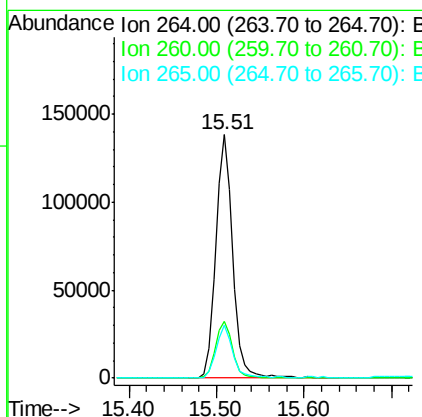
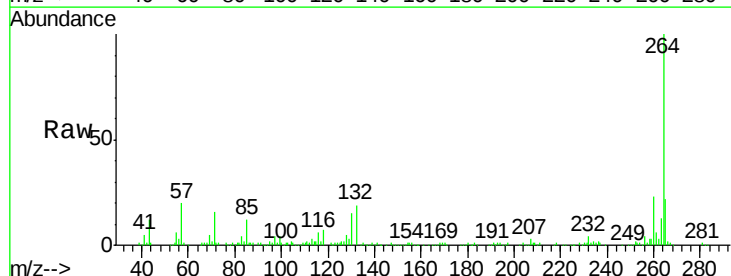
Instrument :
BNA_F
ClientSampled :

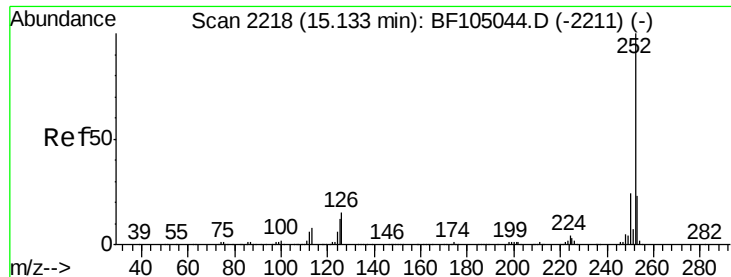
Tot Ion:276 Resp: 436420
Ion Ratio Lower Upper
276 100
138 27.3 25.0 37.6
277 25.6 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.08 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:264 Resp: 186022
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.5 17.5 26.3

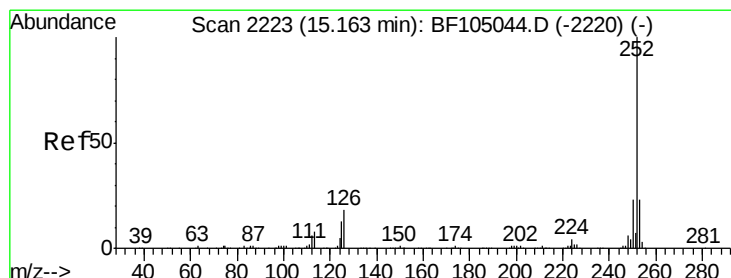
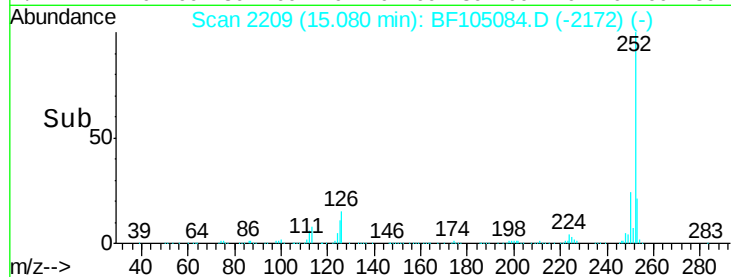
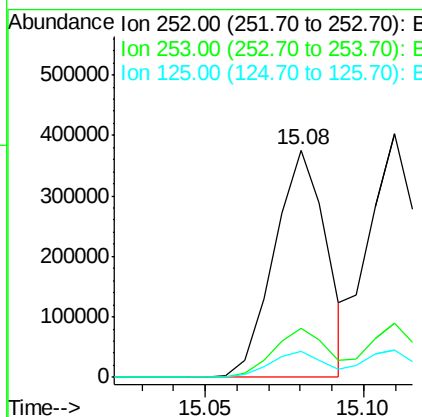
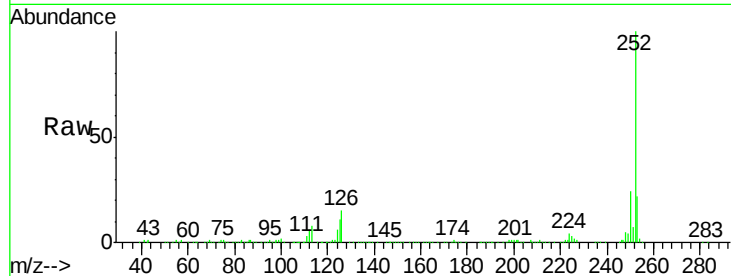




#87
Benzo(b)fluoranthene
Concen: 36.74 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.08 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

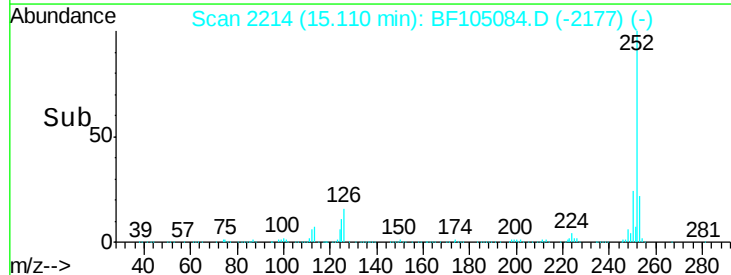
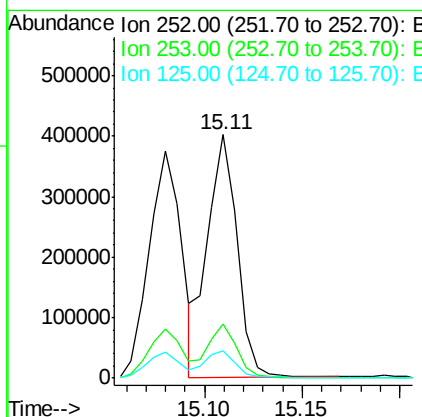
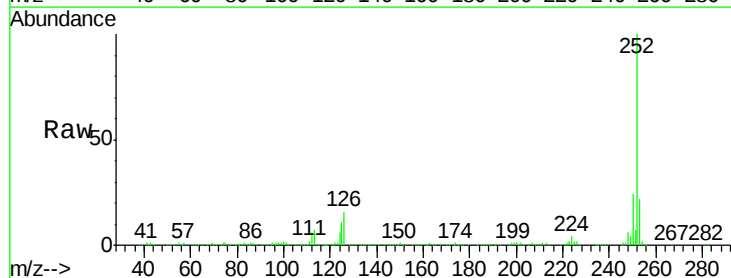
Instrument :
BNA_F
ClientSampleId :

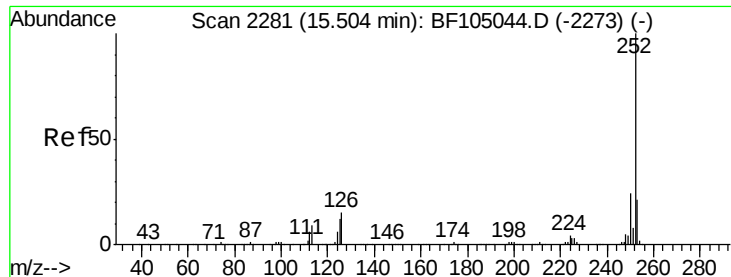
Tot Ion:252 Resp: 431675
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 11.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.39 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.08 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion:252 Resp: 425786
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.4 10.2 15.2

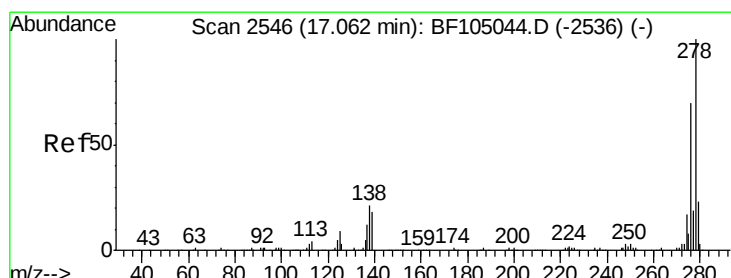
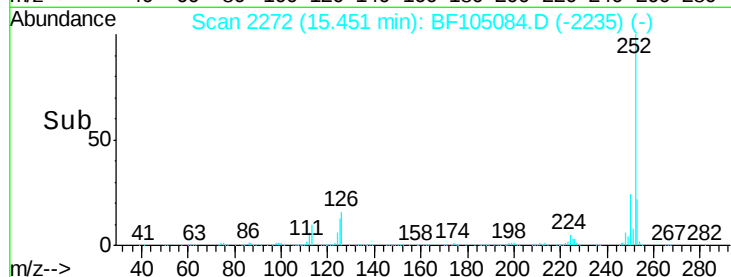
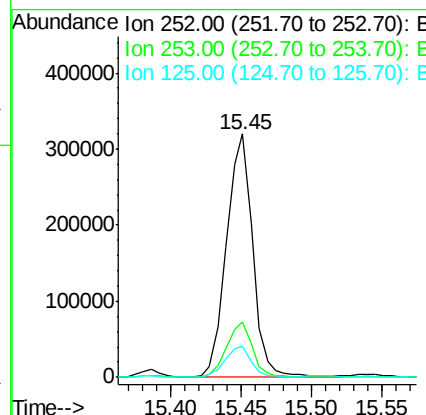
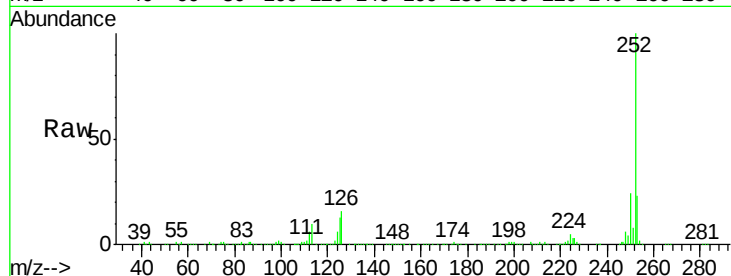




#89
Benzo(a)pyrene
Concen: 39.21 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.08 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

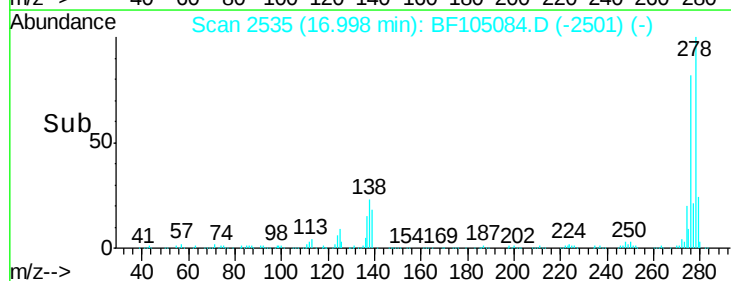
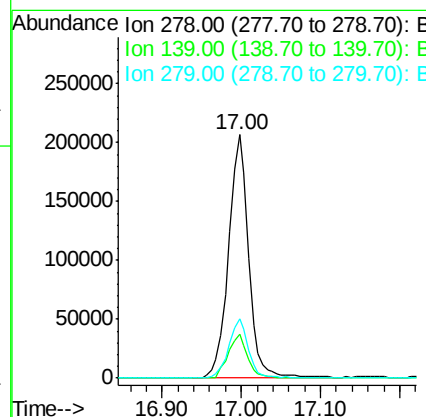
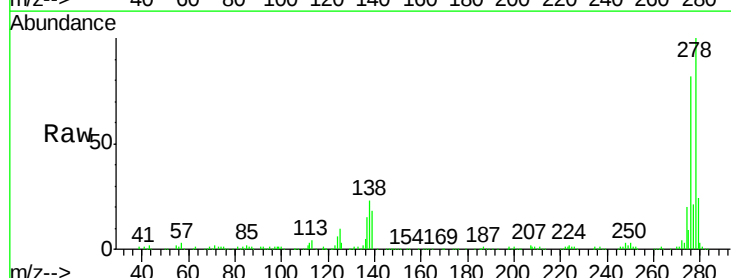
Instrument :
BNA_F
ClientSampleId :

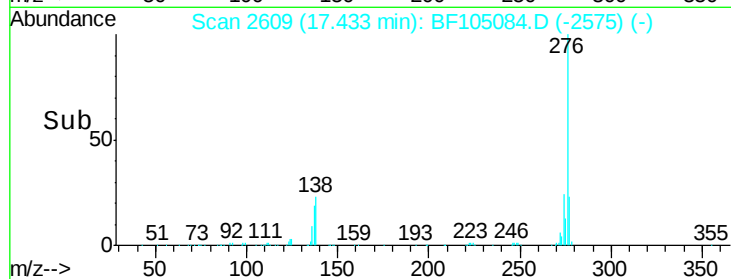
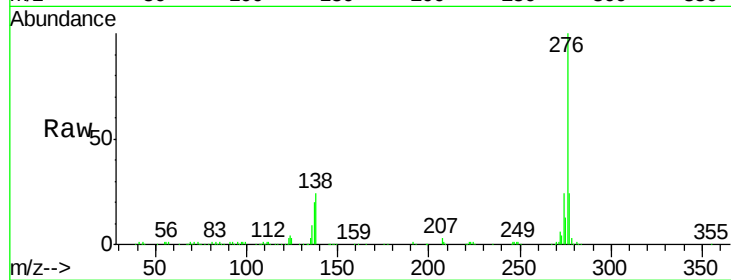
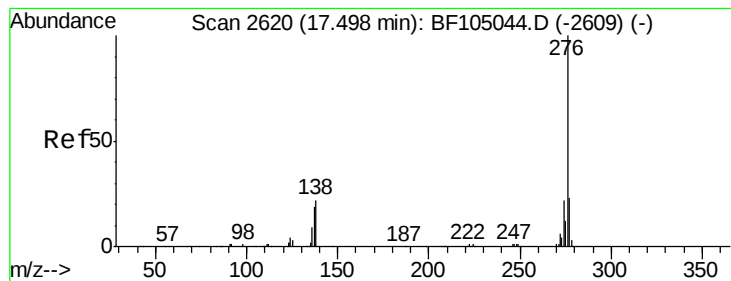
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	12.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.29 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.10 min
Lab File: BF105084.D
Acq: 3 May 2018 20:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 42.47 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.10 min

Lab File: BF105084.D

Acq: 3 May 2018 20:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 355281

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 23.5 21.8 32.8

