

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105160.D
 Acq On : 8 May 2018 22:32
 Operator : JU/SJ
 Sample : J2133-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:33:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	206554	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	834505	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	416021	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	817901	20.00	ng	0.00
75) Chrysene-d12	14.01	240	694865	20.00	ng	0.00
86) Perylene-d12	15.56	264	636169	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1541762	122.97	ng	0.00
7) Phenol-d6	6.42	99	1864236	124.87	ng	0.00
23) Nitrobenzene-d5	7.36	82	1159369	94.16	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	608493	132.57	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2072563	77.32	ng	0.00
78) Terphenyl-d14	12.91	244	2337697	78.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	50129	7.56	ng	87
3) Pyridine	3.27	79	139648	7.86	ng	91
4) n-Nitrosodimethylamine	3.18	42	62177	6.90	ng	# 84
6) Aniline	6.46	93	178019	8.16	ng	96
8) 2-Chlorophenol	6.57	128	112953	8.49	ng	95
9) Benzaldehyde	6.35	77	60356	5.27	ng	97
10) Phenol	6.43	94	130702	7.87	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	116790	8.53	ng	90
12) 1,3-Dichlorobenzene	6.73	146	144314	9.00	ng	98
13) 1,4-Dichlorobenzene	6.81	146	141520	8.83	ng	99
14) 1,2-Dichlorobenzene	6.96	146	132535	8.96	ng	97
15) Benzyl Alcohol	6.93	79	114297	10.00	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	211889	8.33	ng	96
17) 2-Methylphenol	7.03	107	100267	8.73	ng	99
18) Hexachloroethane	7.30	117	46462	9.01	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	88625	8.97	ng	# 86
20) 3+4-Methylphenols	7.19	107	131662	9.76	ng	96
22) Acetophenone	7.20	105	182664	9.39	ng	95
24) Nitrobenzene	7.37	77	129613	9.28	ng	97
25) Isophorone	7.61	82	218418	7.93	ng	98
26) 2-Nitrophenol	7.69	139	47056	16.61	ng	96
27) 2,4-Dimethylphenol	7.72	122	87186	7.12	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	138760	8.16	ng	97
29) 2,4-Dichlorophenol	7.92	162	96327	8.41	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	118909	9.01	ng	98
31) Naphthalene	8.09	128	363736	9.05	ng	99
32) Benzoic acid	7.79	122	58674	16.81	ng	96
33) 4-Chloroaniline	8.14	127	141712	8.48	ng	96
34) Hexachlorobutadiene	8.21	225	71328	9.33	ng	97
35) Caprolactam	8.47	113	28508	8.20	ng	# 77
36) 4-Chloro-3-methylphenol	8.61	107	98012	8.22	ng	96
37) 2-Methylnaphthalene	8.78	142	252075	9.00	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	121768	9.20	ng	97
40) Hexachlorocyclopentadiene	8.94	237	55730	7.79	ng	97

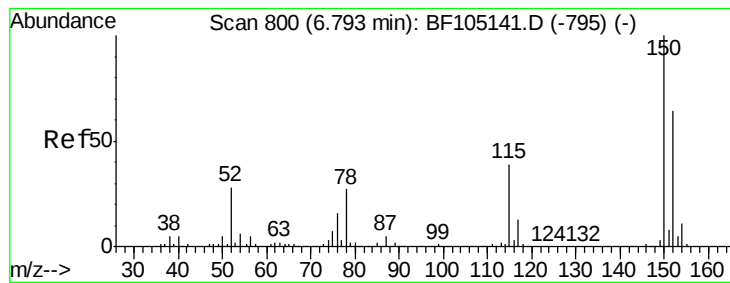
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105160.D
 Acq On : 8 May 2018 22:32
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	66220	8.20	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	75757	8.98	nq	90
45) 1,1'-Biphenyl	9.25	154	329929	9.73	nq	98
46) 2-Chloronaphthalene	9.27	162	238964	9.43	nq	94
47) 2-Nitroaniline	9.36	65	60790	13.12	nq	86
48) Acenaphthylene	9.69	152	366288	9.36	nq	99
49) Dimethylphthalate	9.55	163	272025	9.66	nq	99
50) 2,6-Dinitrotoluene	9.60	165	54144	8.86	nq	90
51) Acenaphthene	9.86	154	238238	9.45	nq	97
52) 3-Nitroaniline	9.77	138	59323	9.22	nq	99
53) 2,4-Dinitrophenol	9.87	184	12129	16.43	nq	# 21
54) Dibenzofuran	10.03	168	331000	8.97	nq	100
55) 4-Nitrophenol	9.92	139	40300	10.88	nq	88
56) 2,4-Dinitrotoluene	10.00	165	70114	11.59	nq	98
57) Fluorene	10.37	166	261193	9.66	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	61585	8.18	nq	# 89
59) Diethylphthalate	10.25	149	270754	9.78	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	126289	10.03	nq	91
61) 4-Nitroaniline	10.38	138	54129	8.45	nq	99
62) Azobenzene	10.53	77	260123	9.01	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	26005	17.18	nq	88
65) n-Nitrosodiphenylamine	10.49	169	231825	9.09	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	77058	8.83	nq	# 90
67) Hexachlorobenzene	10.92	284	92725	9.23	nq	# 88
68) Atrazine	11.01	200	47542	5.95	nq	95
69) Pentachlorophenol	11.11	266	49438	11.22	nq	96
70) Phenanthrene	11.33	178	396192	9.19	nq	98
71) Anthracene	11.39	178	389711	8.89	nq	99
72) Carbazole	11.54	167	370118	9.37	nq	98
73) Di-n-butylphthalate	11.87	149	400111	9.48	nq	99
74) Fluoranthene	12.52	202	408438	9.09	nq	98
76) Benzidine	12.65	184	82860	3.19	nq	# 92
77) Pyrene	12.75	202	428398	8.48	nq	100
79) Butylbenzylphthalate	13.40	149	140408	13.48	nq	96
80) Benzo(a)anthracene	13.99	228	368032	8.73	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	110973	7.00	nq	96
82) Chrysene	14.03	228	372567	8.58	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	199480	9.55	nq	98
84) Di-n-octyl phthalate	14.69	149	279296	12.83	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.00	276	259787	7.55	nq	94
87) Benzo(b)fluoranthene	15.13	252	317494	8.16	nq	97
88) Benzo(k)fluoranthene	15.16	252	343799	9.11	nq	# 95
89) Benzo(a)pyrene	15.49	252	287887	8.13	nq	98
90) Dibenzo(a,h)anthracene	17.02	278	219300	7.98	nq	# 95
91) Benzo(g,h,i)perylene	17.43	276	211101	7.85	nq	# 93

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

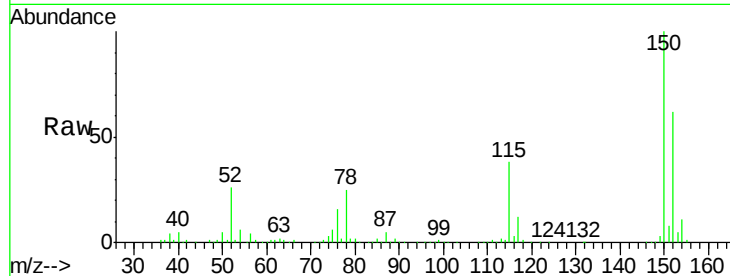


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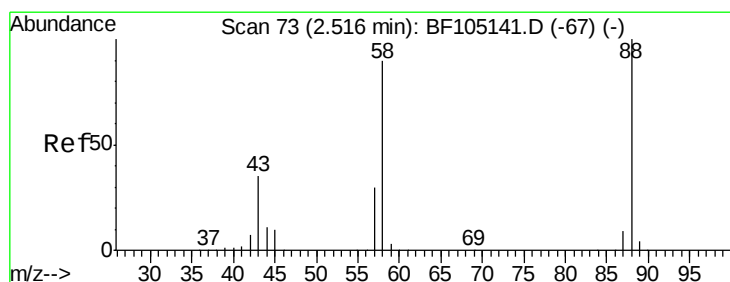
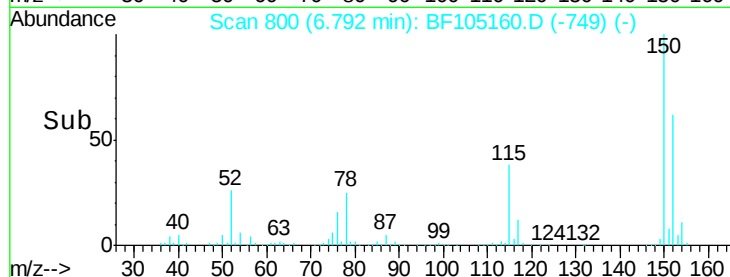
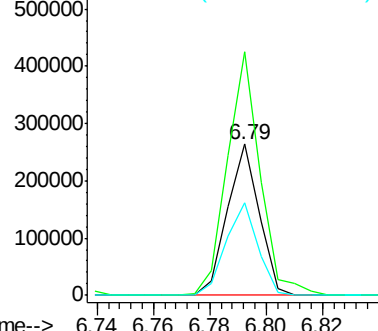
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 206554
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 61.4 50.1 75.1



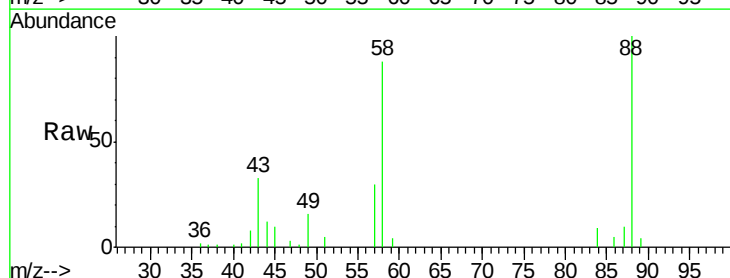
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



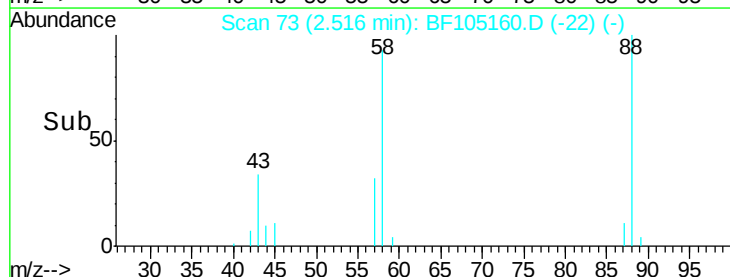
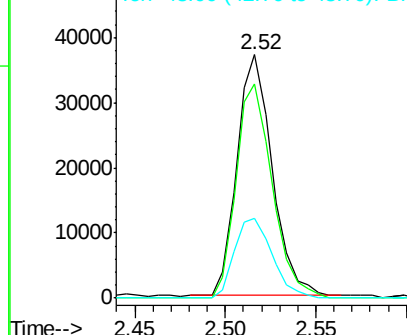
#2

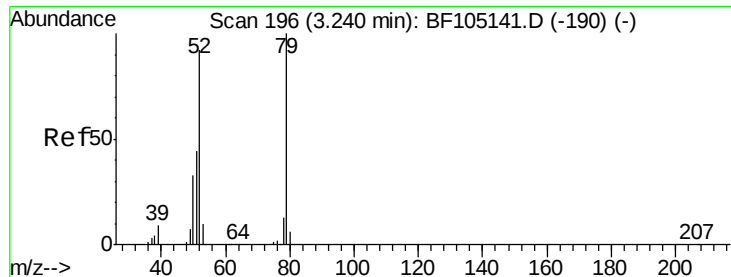
1,4-Dioxane
Concen: 7.56 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion: 88 Resp: 50129
Ion Ratio Lower Upper
88 100
58 91.0 62.6 93.8
43 35.3 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: 7.86 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.04 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

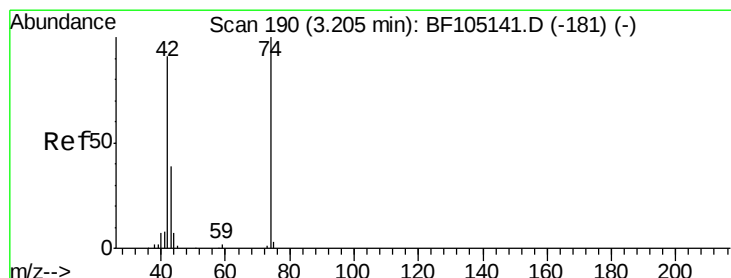
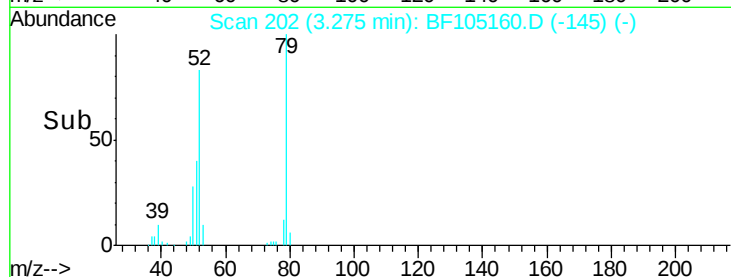
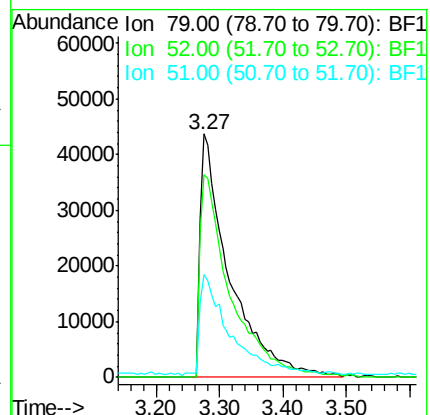
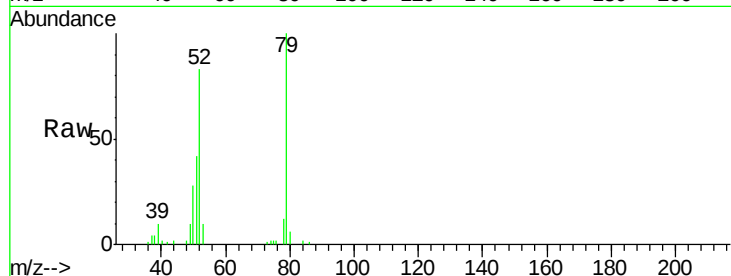
Tot Ion: 79 Resp: 139648

Ion Ratio Lower Upper

79 100

52 83.0 59.8 89.6

51 42.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 6.90 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

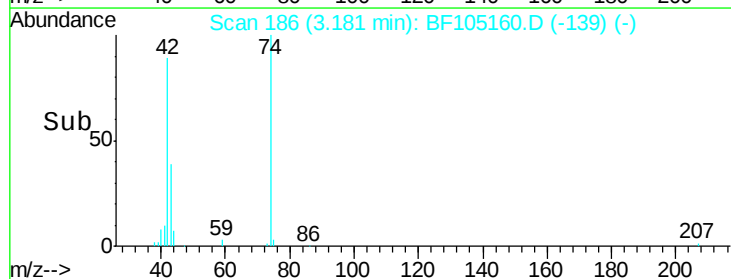
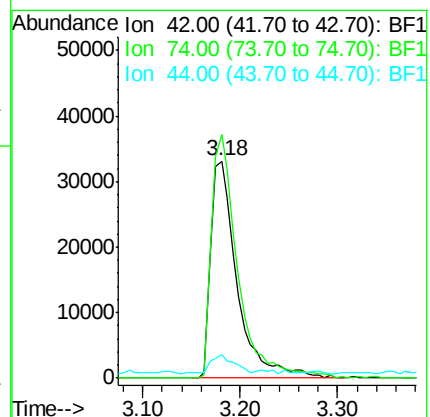
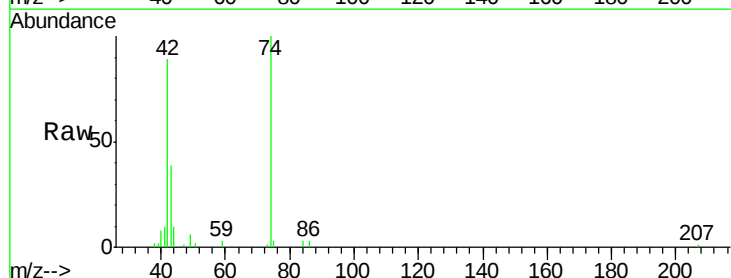
Tgt Ion: 42 Resp: 62177

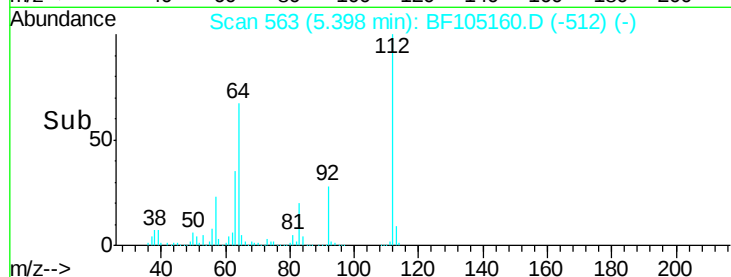
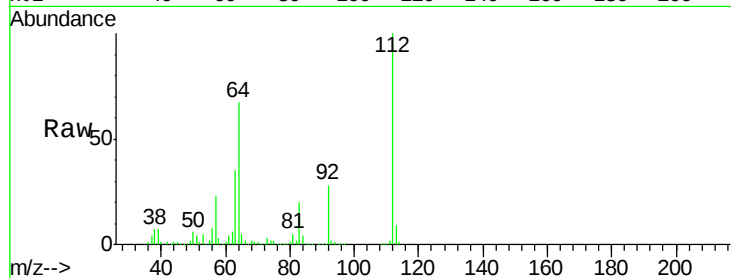
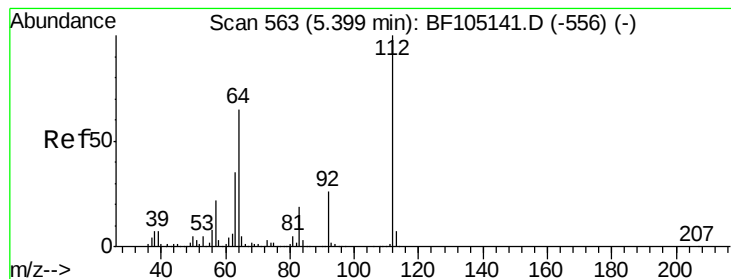
Ion Ratio Lower Upper

42 100

74 112.0 104.9 157.3

44 10.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 122.97 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

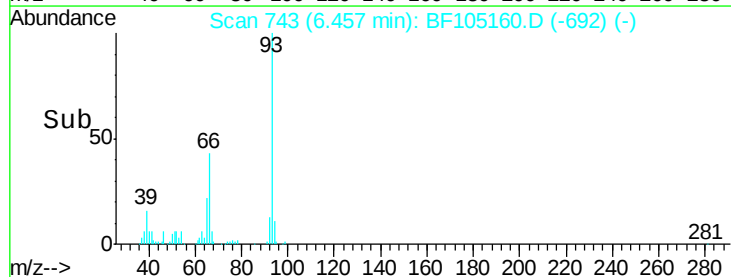
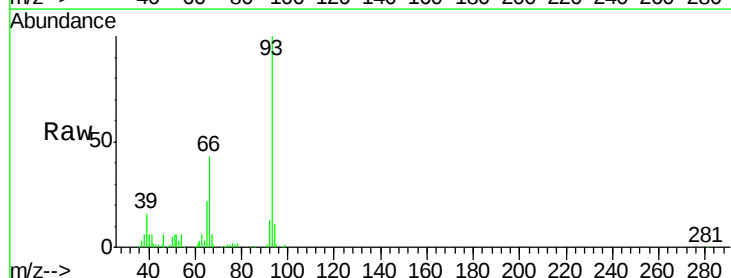
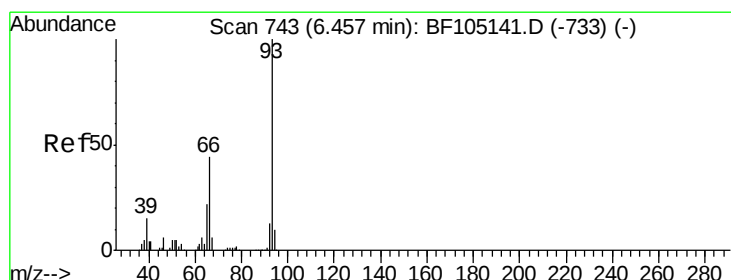
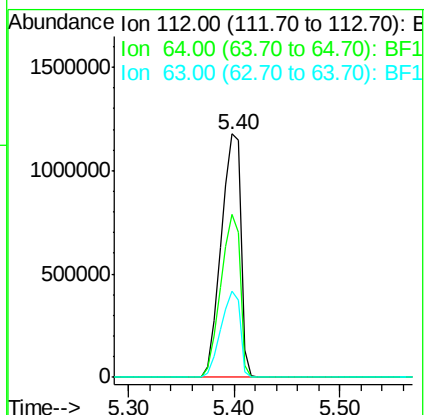
Tot Ion:112 Resp: 1541762

Ion Ratio Lower Upper

112 100

64 66.8 47.9 71.9

63 35.4 23.7 35.5



#6

Aniline

Concen: 8.16 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

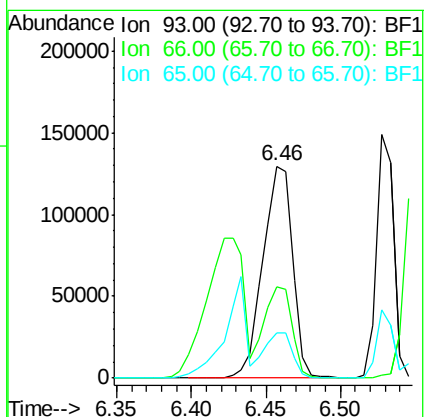
Tgt Ion: 93 Resp: 178019

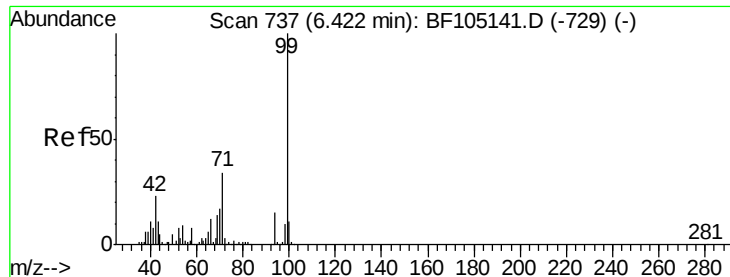
Ion Ratio Lower Upper

93 100

66 43.2 32.2 48.2

65 21.6 16.4 24.6





#7

Phenol-d6

Concen: 124.87 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

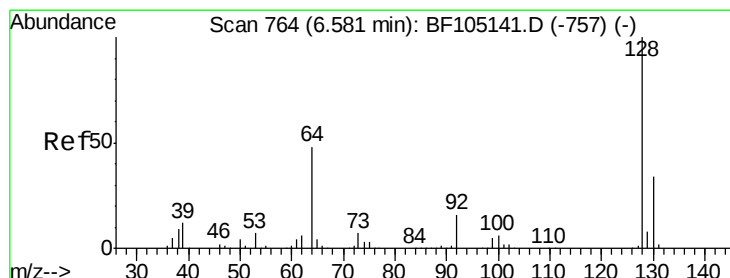
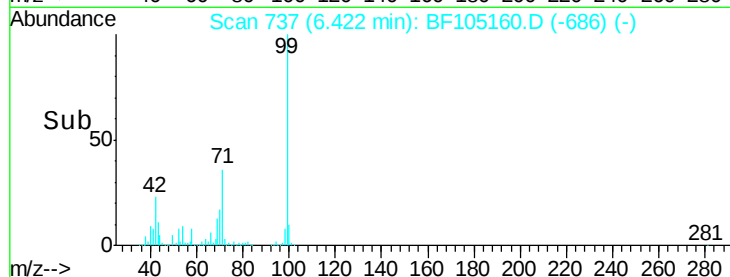
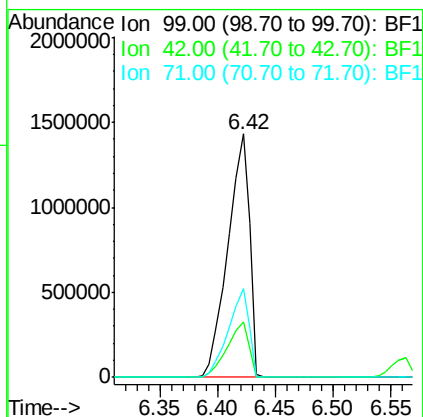
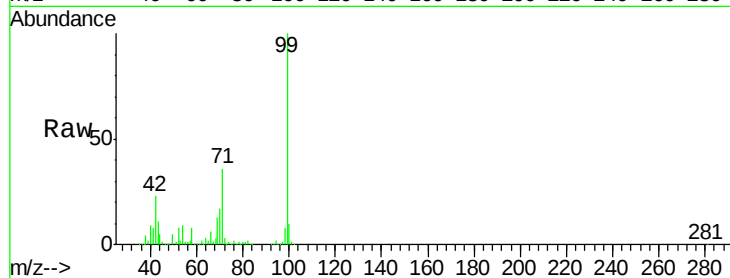
Tot Ion: 99 Resp: 1864236

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

71 36.4 25.4 38.0



#8

2-Chlorophenol

Concen: 8.49 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

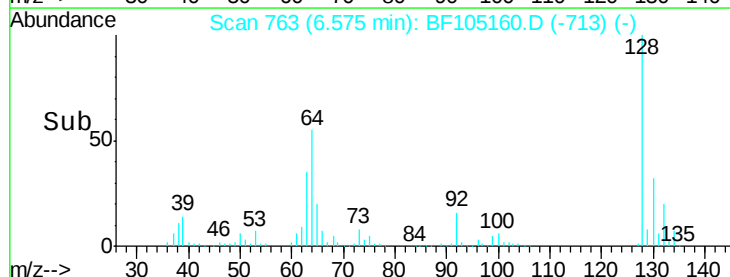
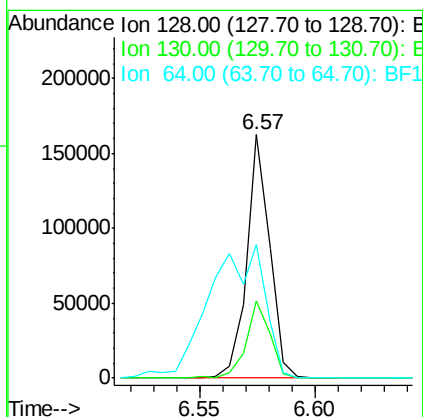
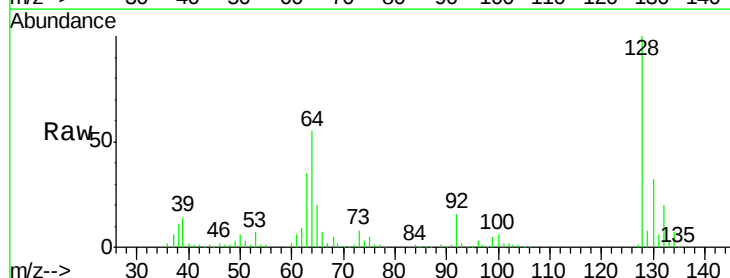
Tgt Ion:128 Resp: 112953

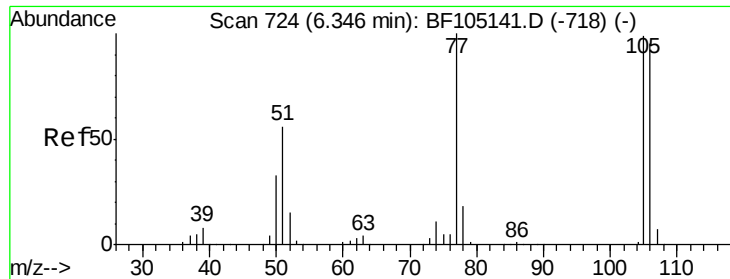
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 54.6 29.4 69.4





#9

Benzaldehyde

Concen: 5.27 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampled :

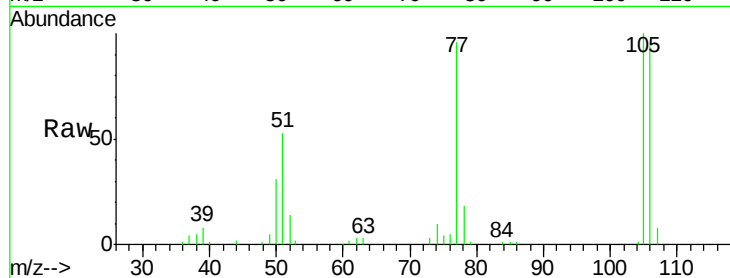
Tot Ion: 77 Resp: 60356

Ion Ratio Lower Upper

77 100

105 103.9 81.1 121.1

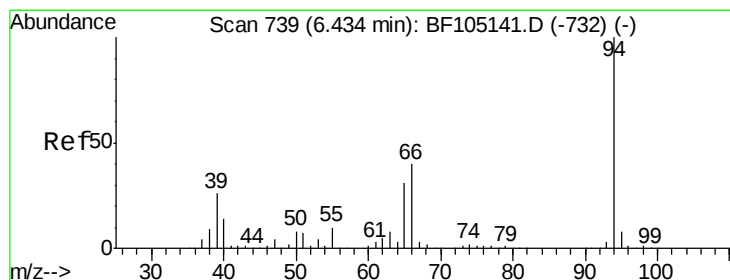
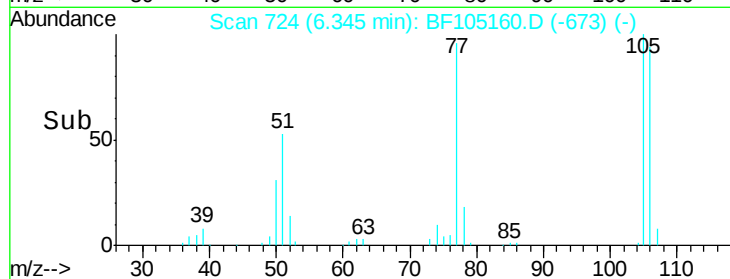
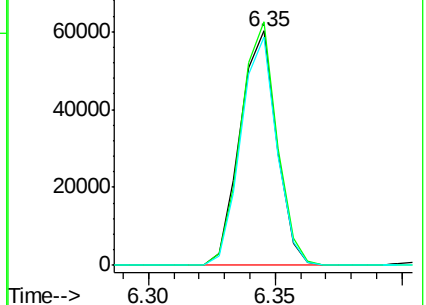
106 97.4 74.5 114.5



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: 7.87 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

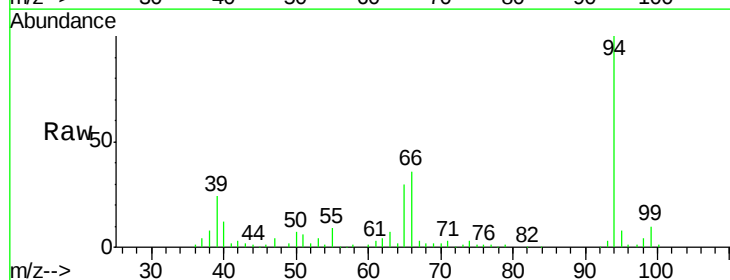
Tgt Ion: 94 Resp: 130702

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

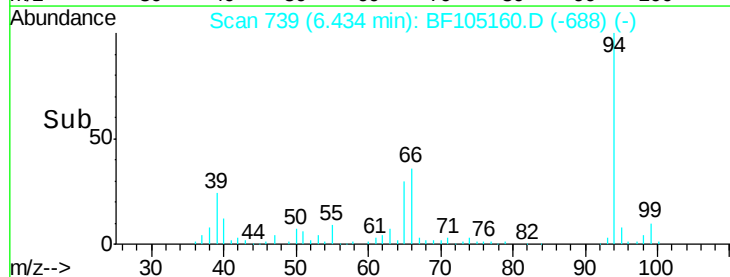
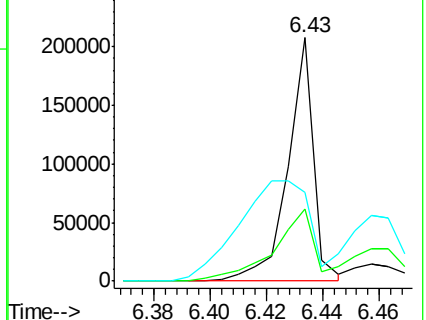
66 36.4 16.2 56.2

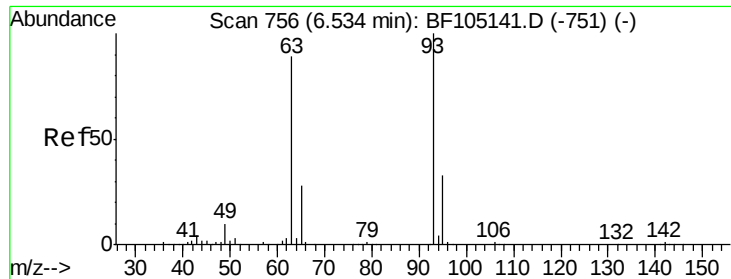


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 8.53 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

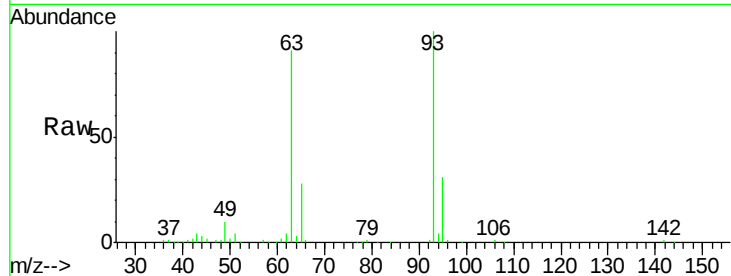
Tot Ion: 93 Resp: 116790

Ion Ratio Lower Upper

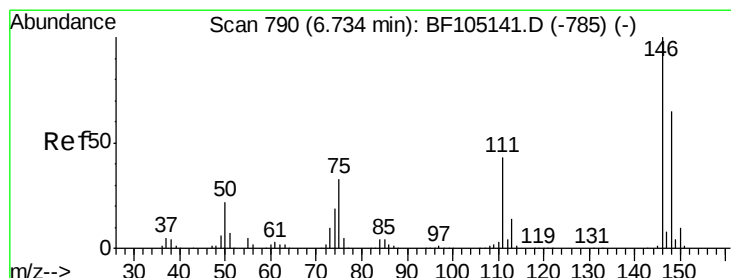
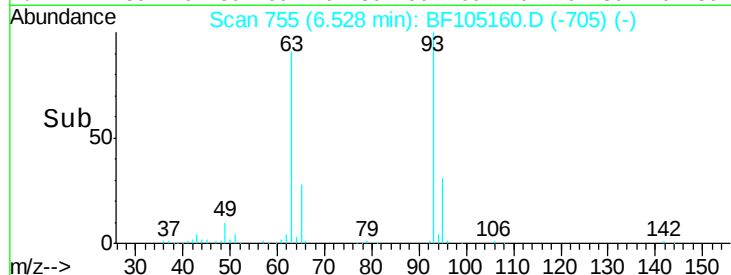
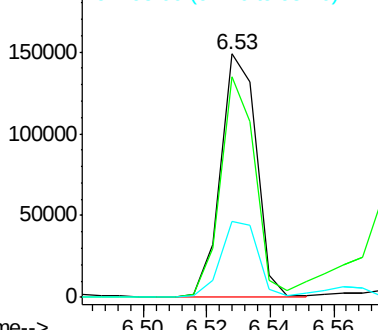
93 100

63 90.6 58.6 98.6

95 31.1 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 9.00 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

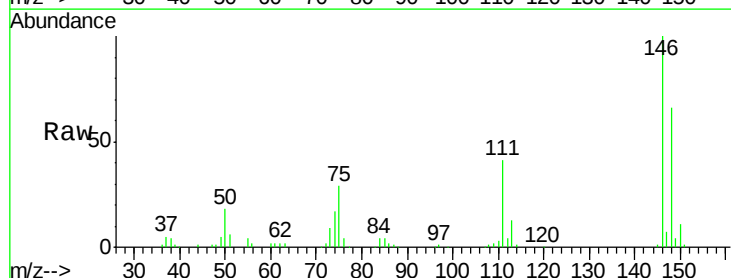
Tgt Ion: 146 Resp: 144314

Ion Ratio Lower Upper

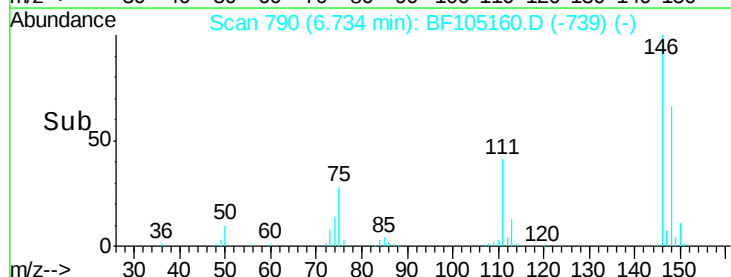
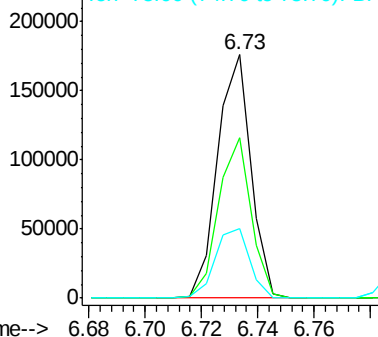
146 100

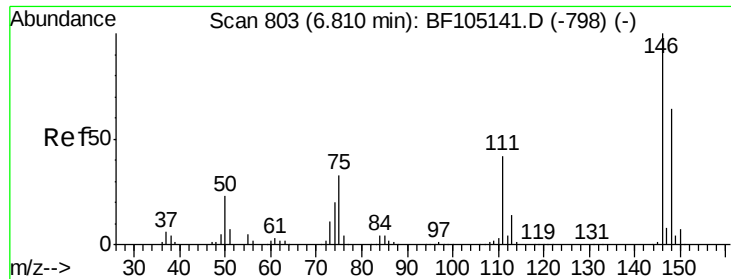
148 65.8 51.8 77.8

75 28.7 24.2 36.4



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

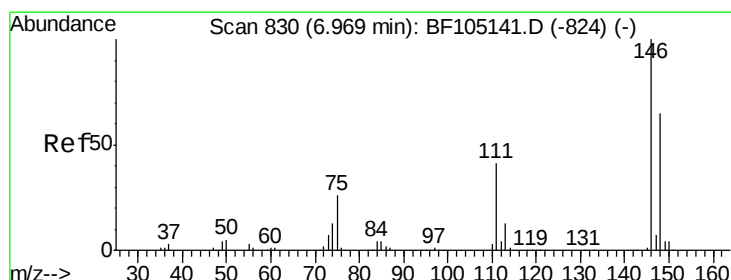
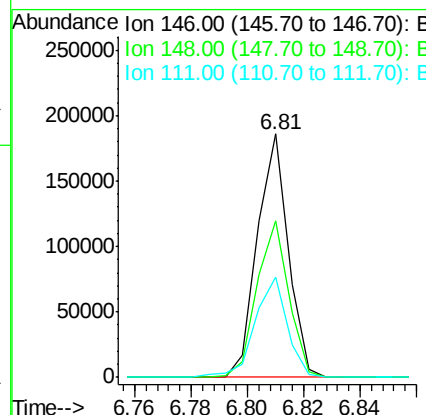
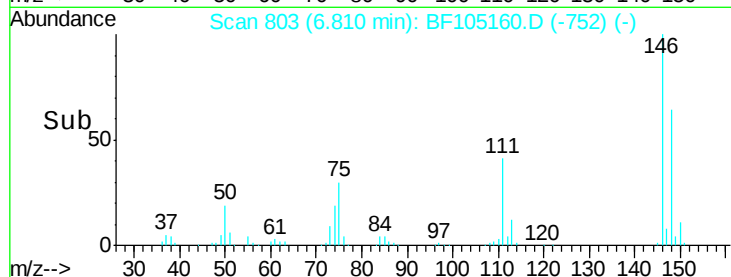
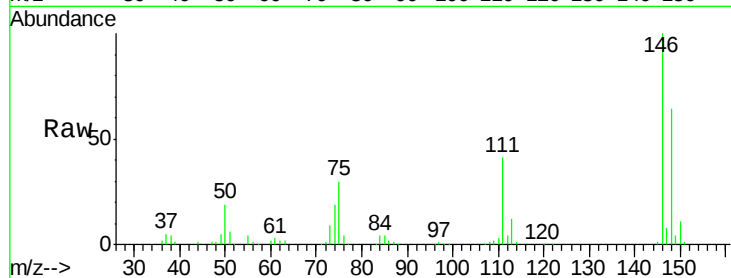




#13
 1,4-Dichlorobenzene
 Concen: 8.83 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

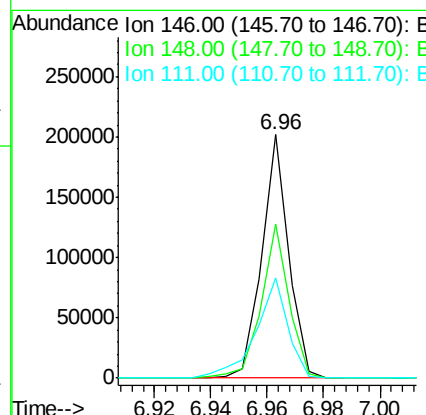
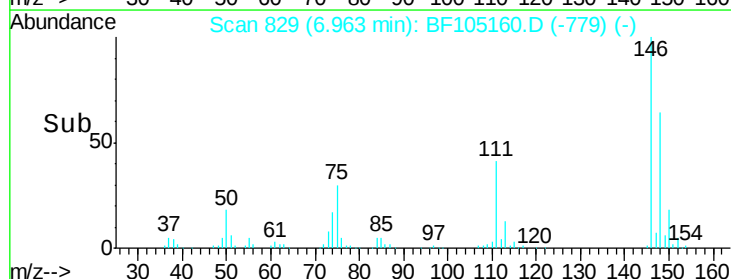
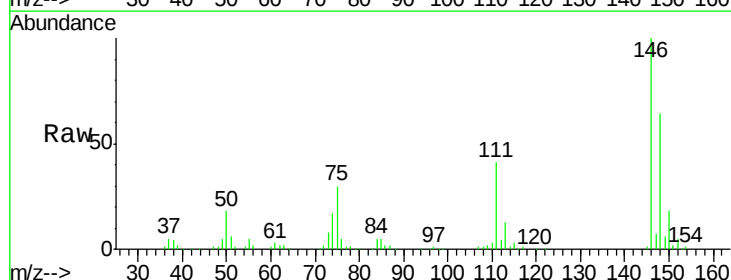
Instrument :
 BNA_F
 ClientSampled :

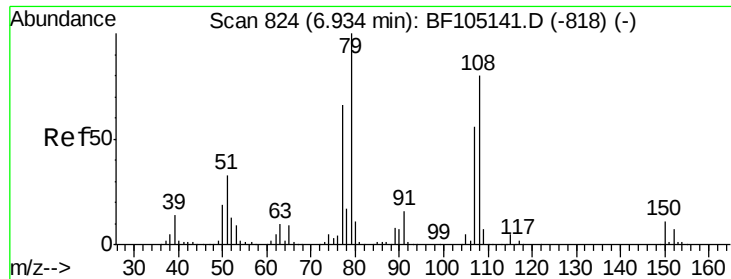
Tot Ion:146 Resp: 141520
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 8.96 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion:146 Resp: 132535
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 41.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 10.00 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

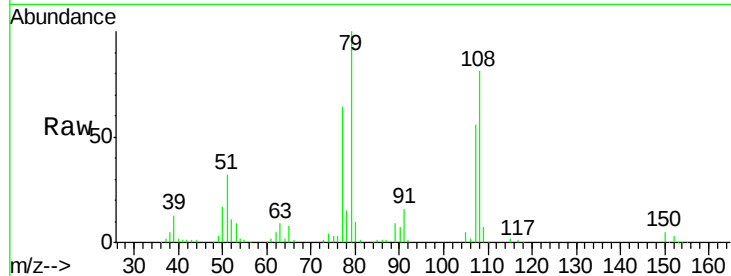
Tot Ion: 79 Resp: 114297

Ion Ratio Lower Upper

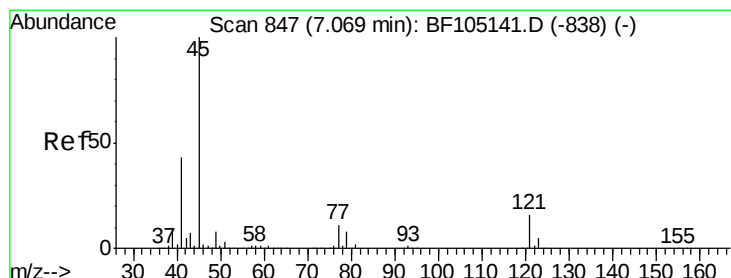
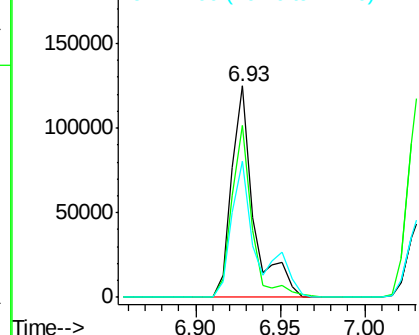
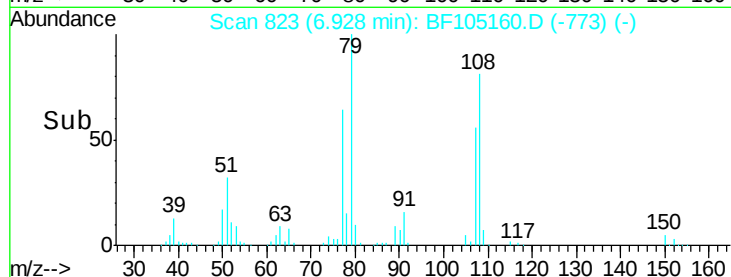
79 100

108 81.5 65.1 97.7

77 64.4 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.33 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

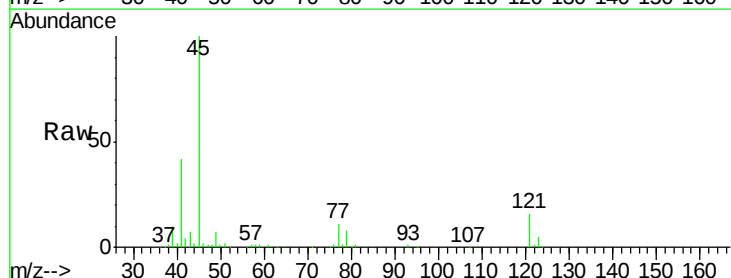
Tgt Ion: 45 Resp: 211889

Ion Ratio Lower Upper

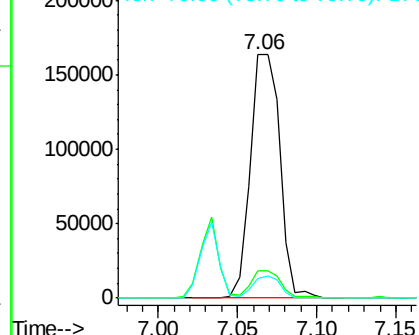
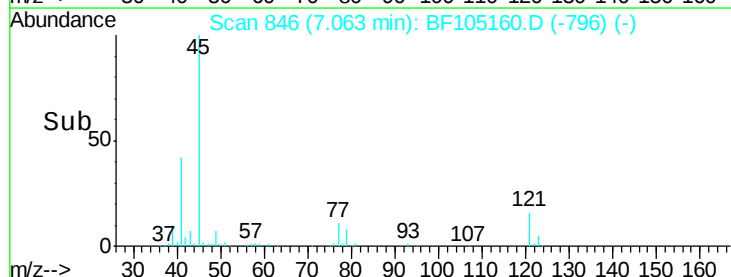
45 100

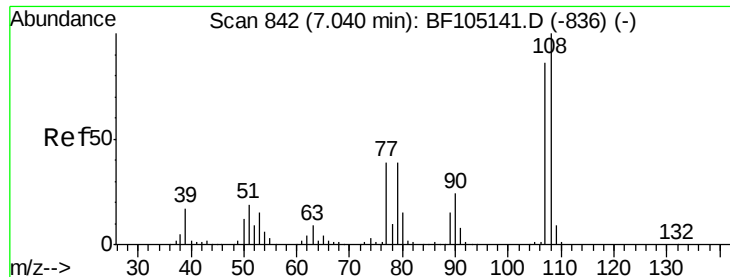
77 11.3 0.0 32.9

79 8.0 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

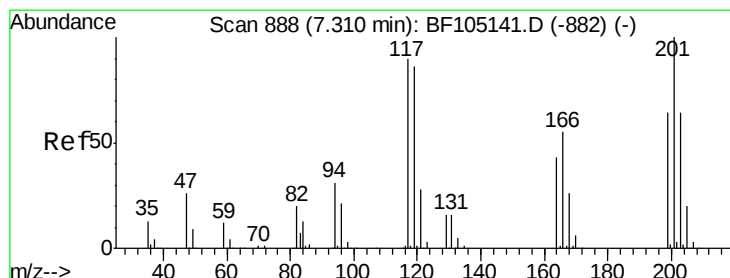
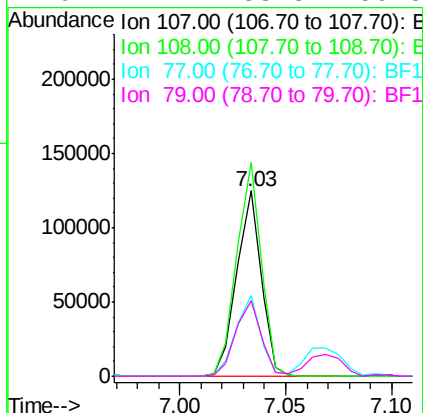
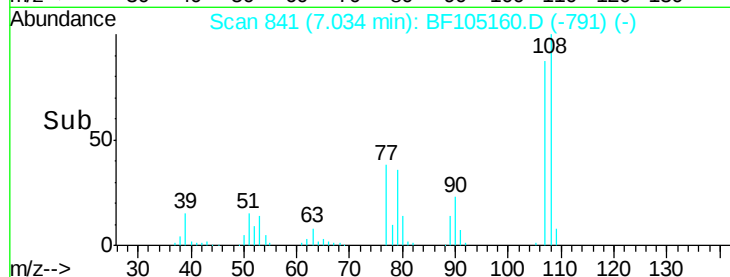
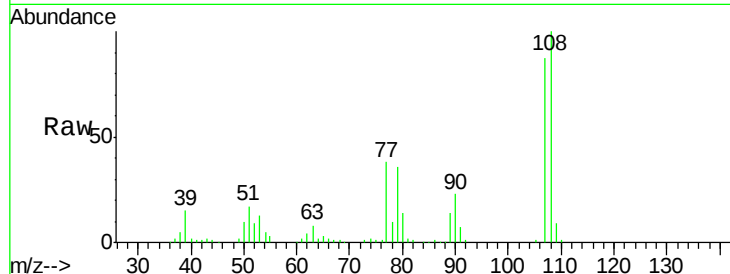




#17
2-Methylphenol
Concen: 8.73 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

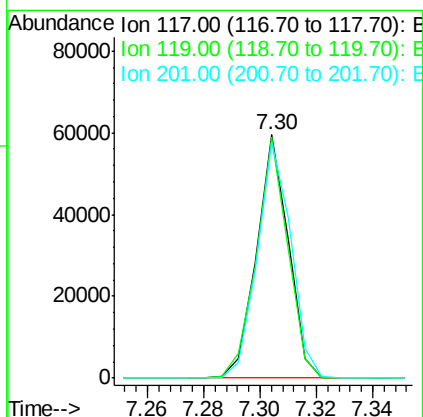
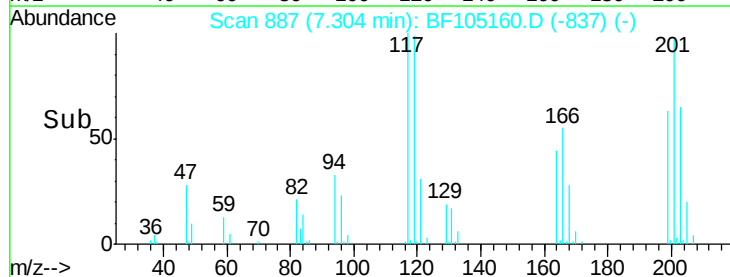
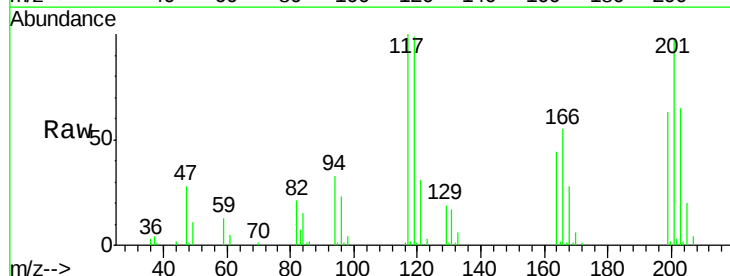
Instrument :
BNA_F
ClientSampleId :

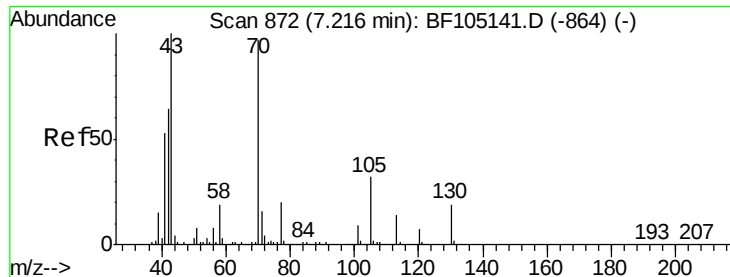
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.7	137.5
77	43.7	33.8	50.8
79	41.1	33.8	50.8



#18
Hexachloroethane
Concen: 9.01 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.8	113.8
201	97.0	75.7	113.5

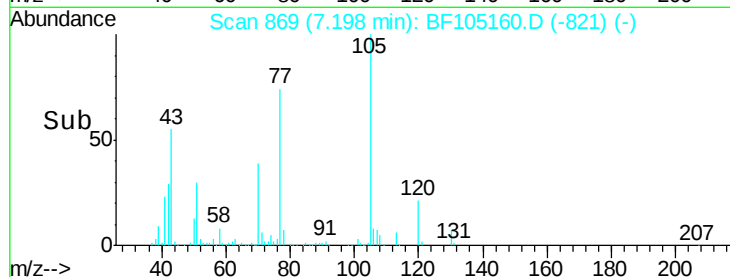
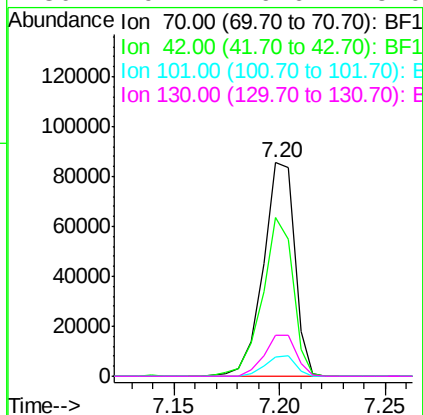
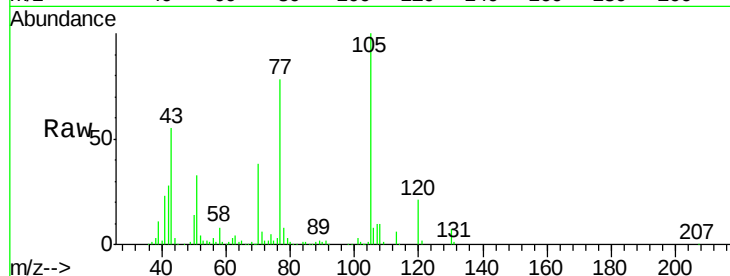




#19
n-Nitroso-di-n-propylamine
Concen: 8.97 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

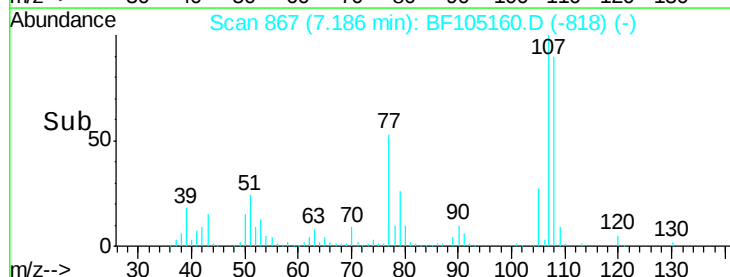
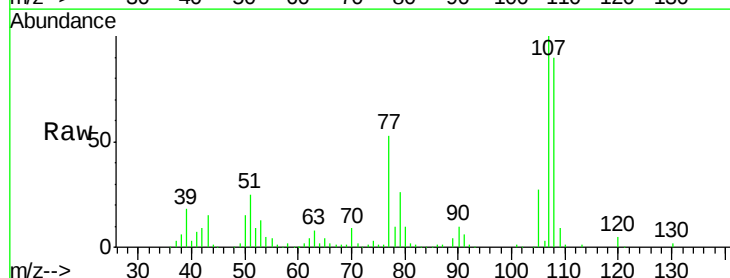
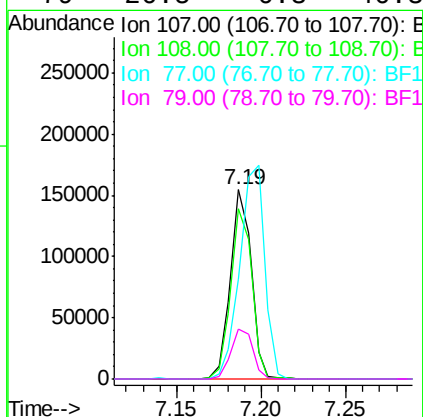
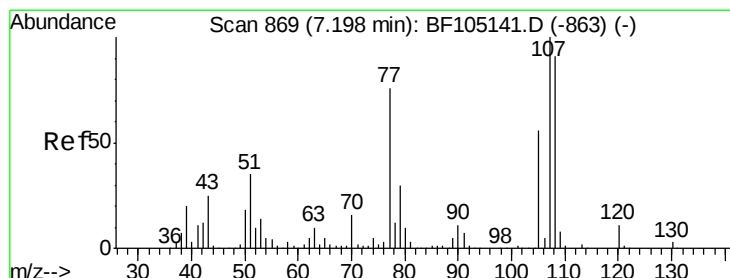
Instrument :
BNA_F
ClientSampled :

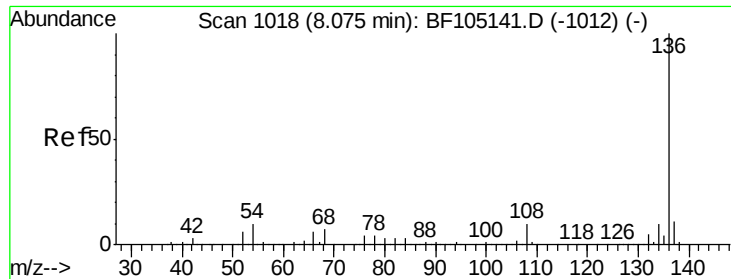
Tot Ion: 70 Resp: 88625
Ion Ratio Lower Upper
70 100
42 74.2 47.5 71.3#
101 8.9 7.4 11.2
130 19.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 9.76 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion: 107 Resp: 131662
Ion Ratio Lower Upper
107 100
108 90.4 68.2 108.2
77 52.9 26.7 66.7
79 26.5 6.3 46.3

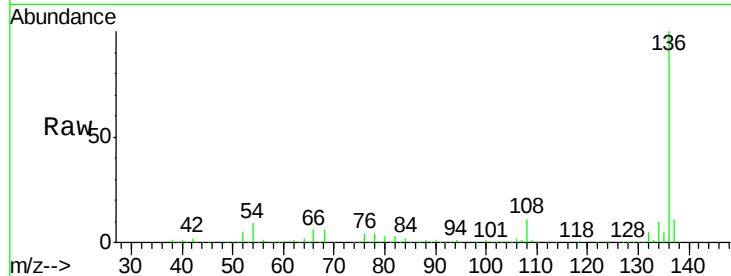




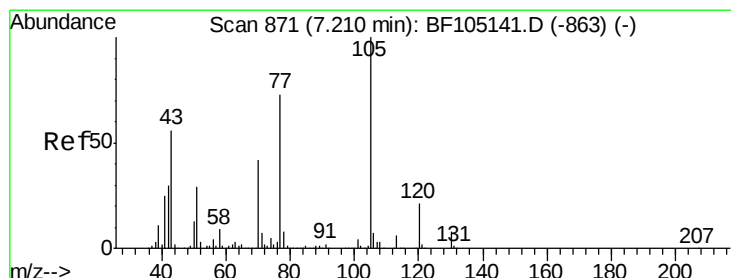
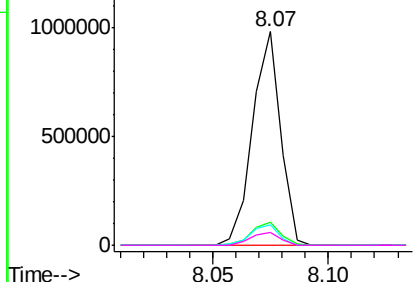
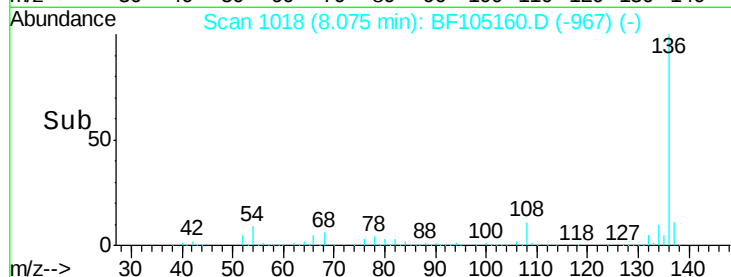
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Instrument :
BNA_F
ClientSampleID :

Tot Ion:136	Resp:	834505
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 9.3	6.6	9.8
68 6.1	5.0	7.4

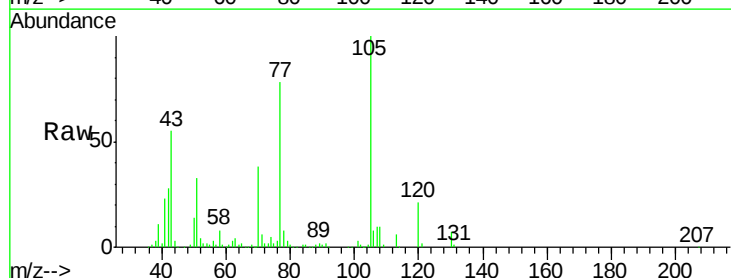


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

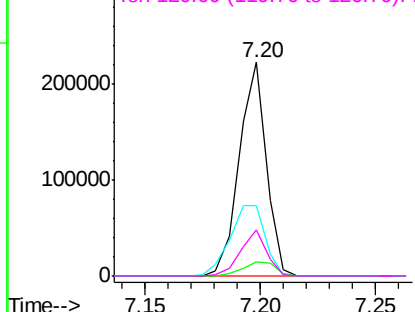
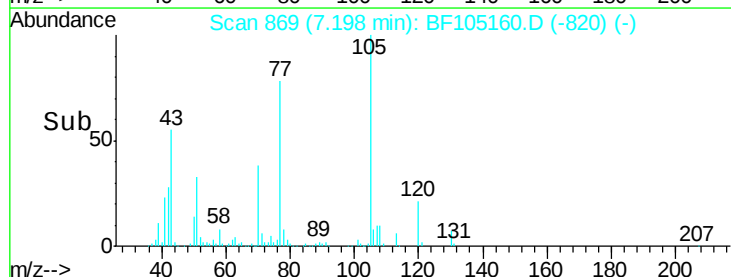


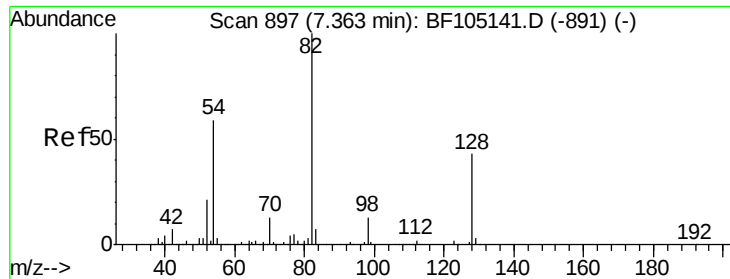
#22
Acetophenone
Concen: 9.39 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion:105	Resp:	182664
Ion Ratio	Lower	Upper
105 100		
71 6.4	4.4	6.6
51 32.8	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

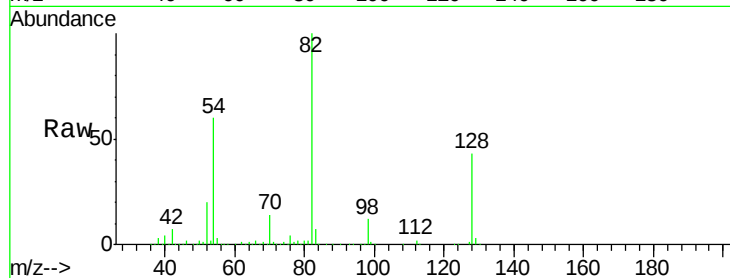




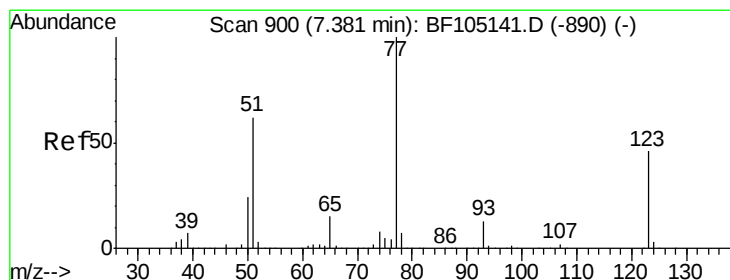
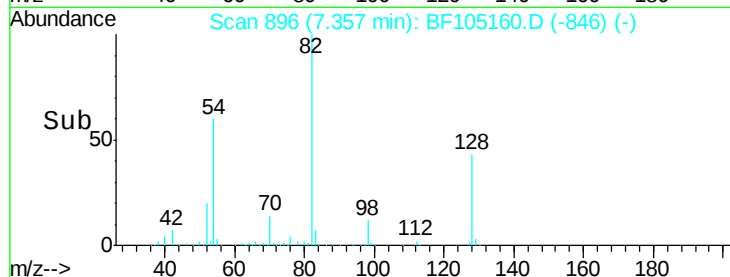
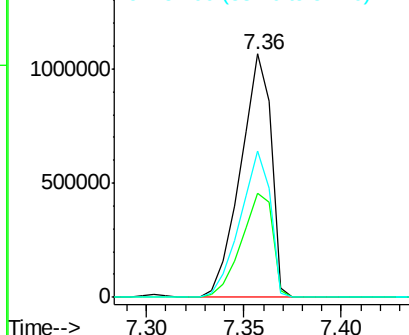
#23
Nitrobenzene-d5
Concen: 94.16 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1159369
Ion Ratio Lower Upper
82 100
128 42.6 36.1 54.1
54 60.1 41.4 62.2

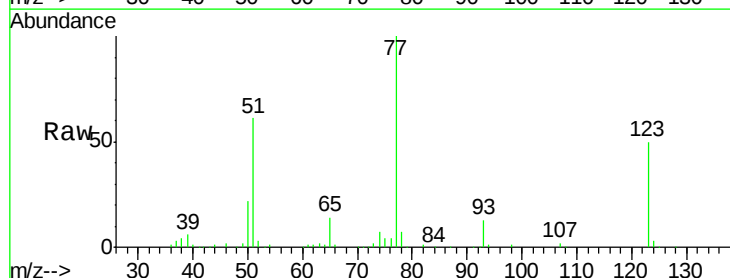


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

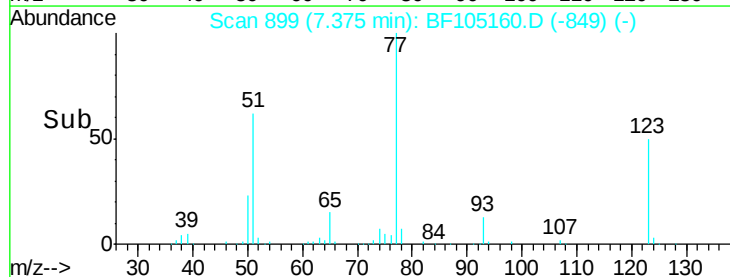
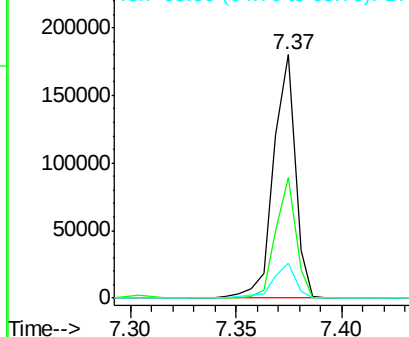


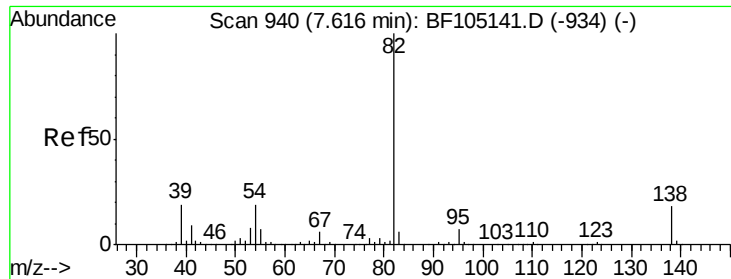
#24
Nitrobenzene
Concen: 9.28 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion: 77 Resp: 129613
Ion Ratio Lower Upper
77 100
123 49.8 37.9 56.9
65 14.3 11.0 16.4



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





#25

Isophorone

Concen: 7.93 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

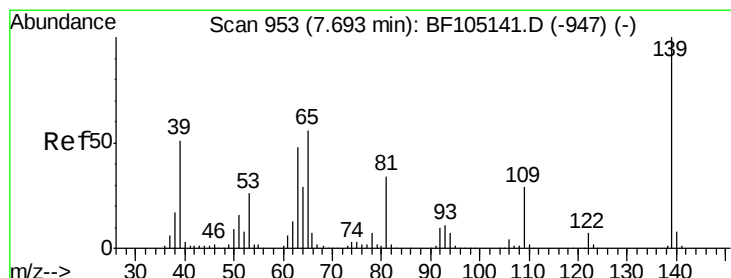
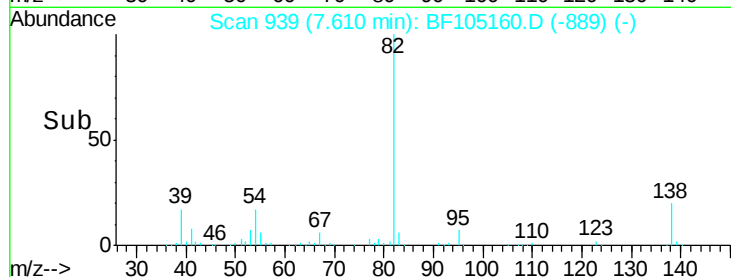
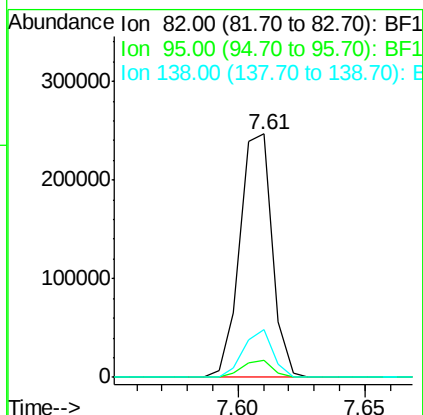
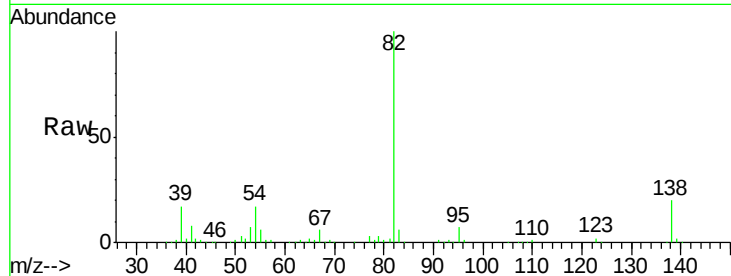
Tot Ion: 82 Resp: 218418

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 16.61 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

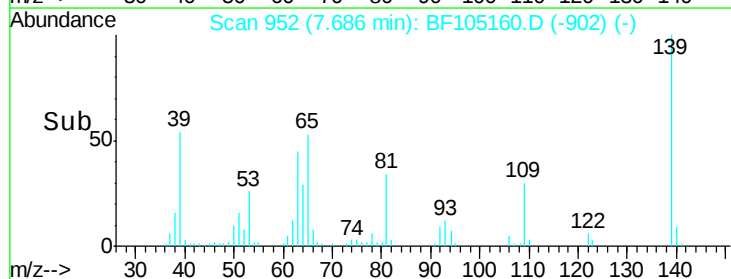
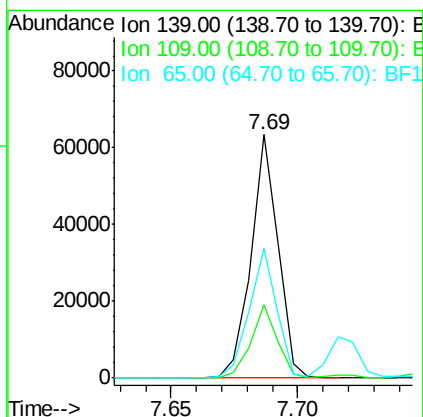
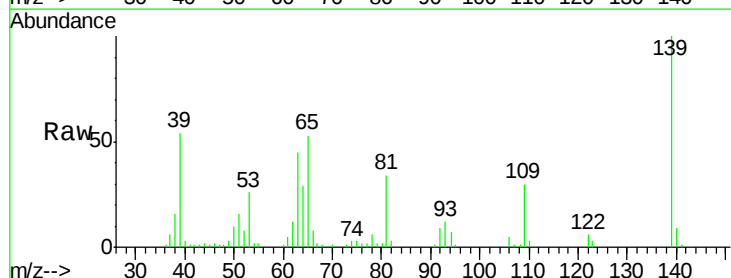
Tgt Ion: 139 Resp: 47056

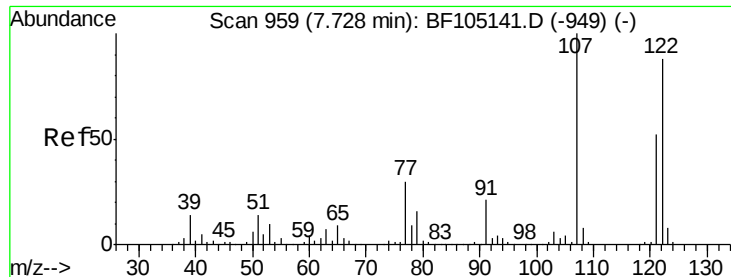
Ion Ratio Lower Upper

139 100

109 30.3 22.7 34.1

65 53.5 40.5 60.7

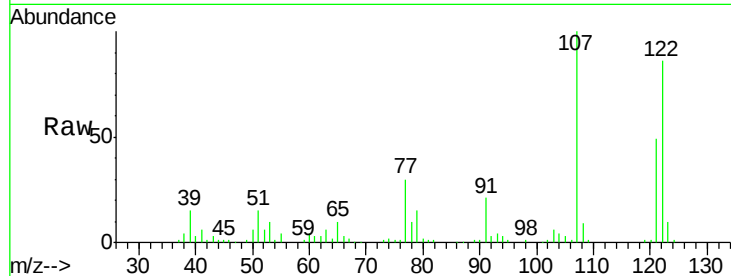




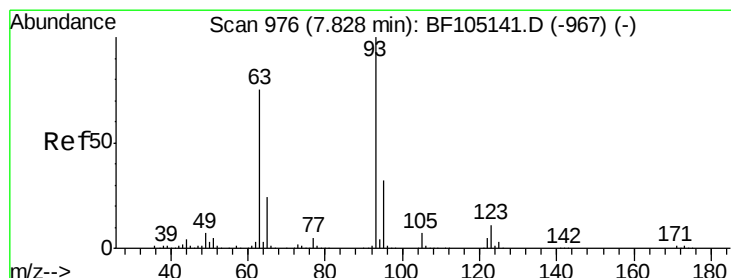
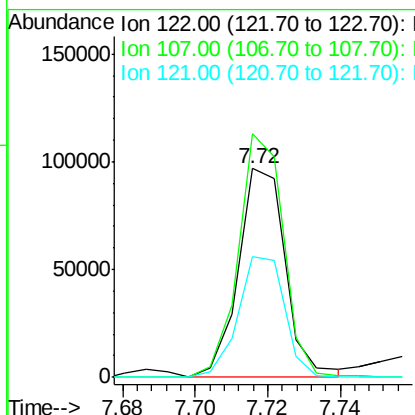
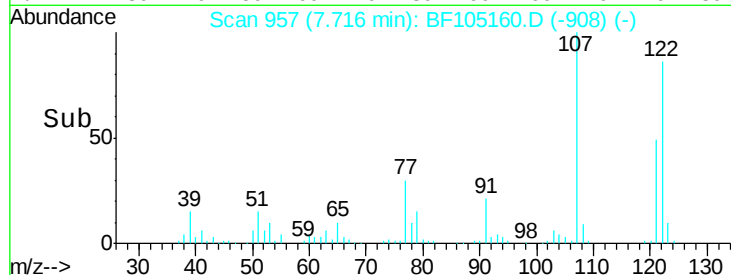
#27
 2,4-Dimethylphenol
 Concen: 7.12 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 87186
 Ion Ratio Lower Upper
 122 100
 107 116.7 91.2 136.8
 121 57.7 47.2 70.8

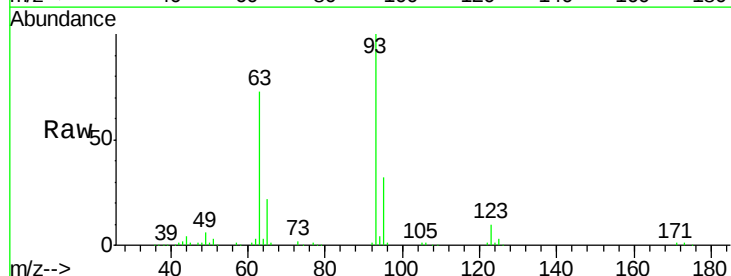


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

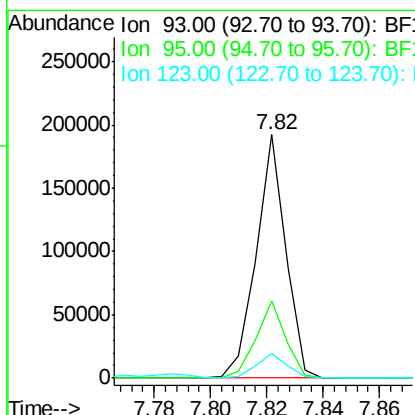
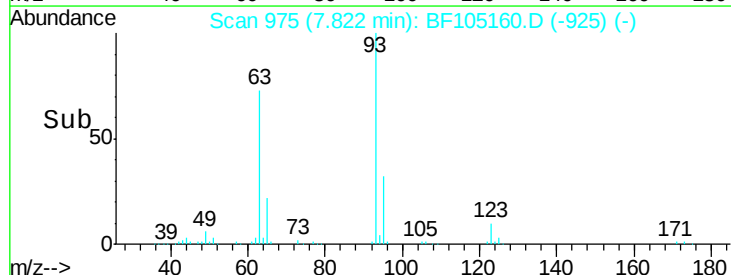


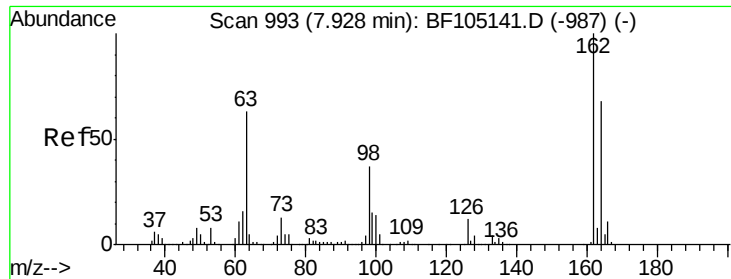
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.16 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion: 93 Resp: 138760
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.3 39.5
 123 10.2 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

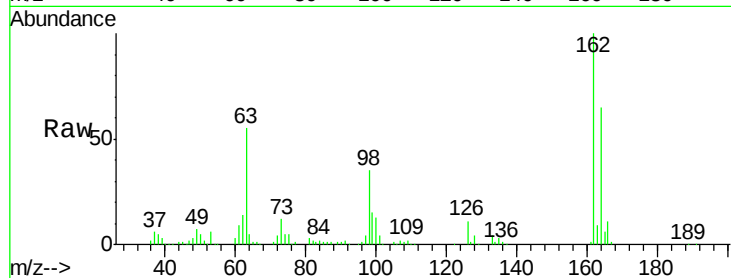




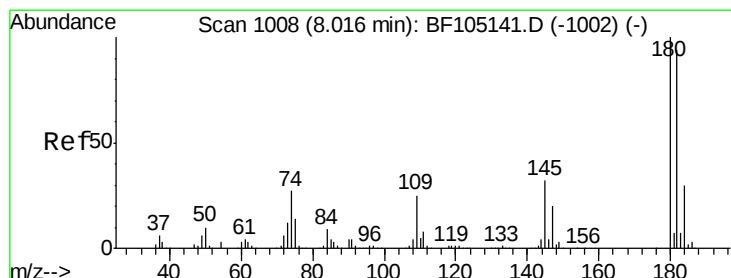
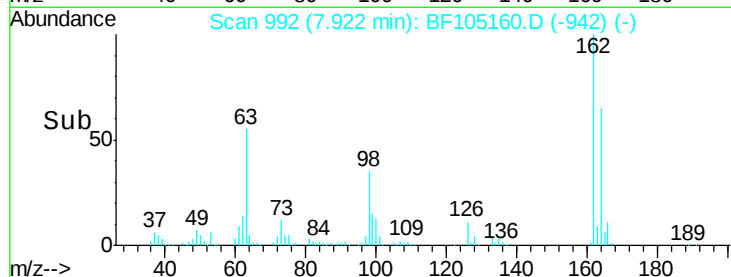
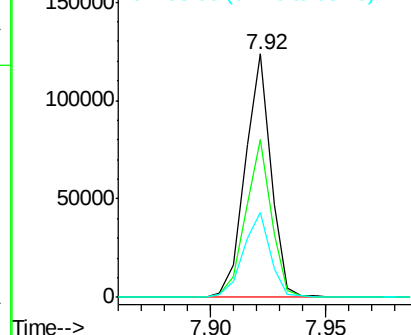
#29
 2,4-Dichlorophenol
 Concen: 8.41 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	34.7	18.1	58.1

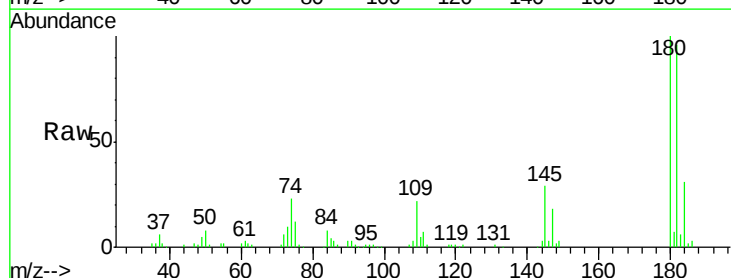


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

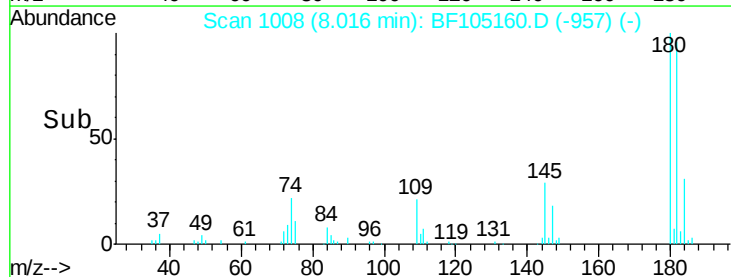
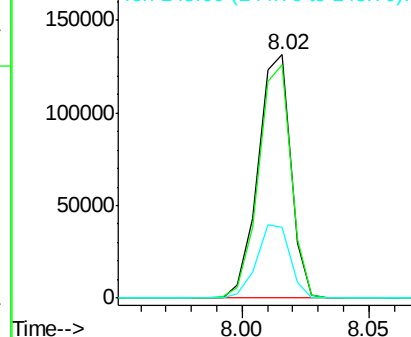


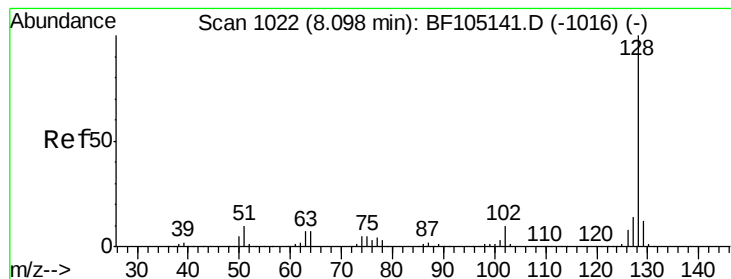
#30
 1,2,4-Trichlorobenzene
 Concen: 9.01 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	29.2	26.5	39.7



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





#31

Naphthalene

Concen: 9.05 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

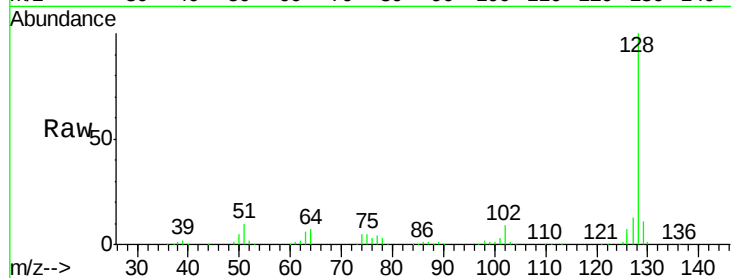
Tot Ion:128 Resp: 363736

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

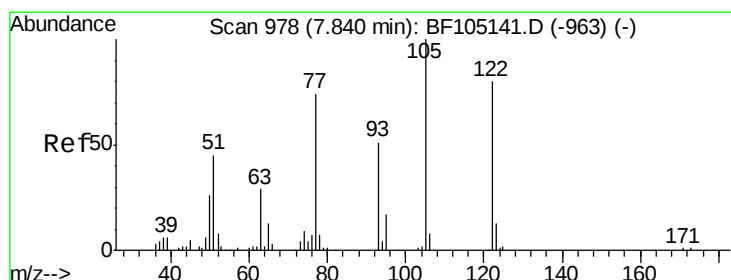
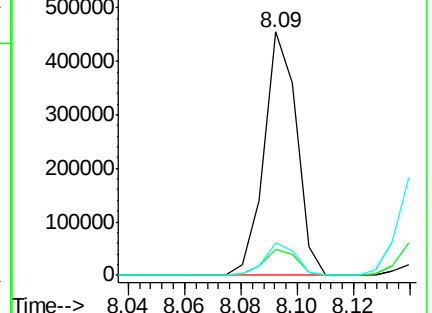
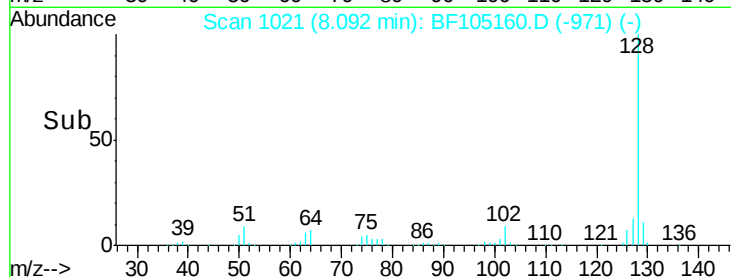
127 13.1 10.9 16.3



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: 16.81 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

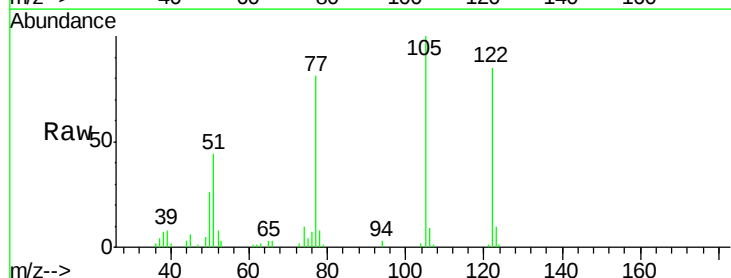
Tgt Ion:122 Resp: 58674

Ion Ratio Lower Upper

122 100

105 117.0 101.1 141.1

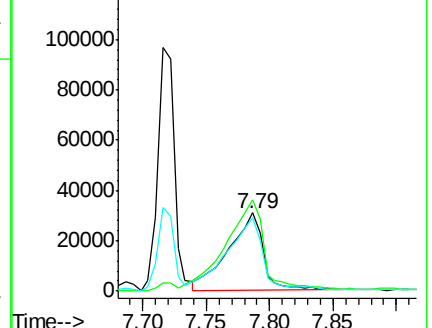
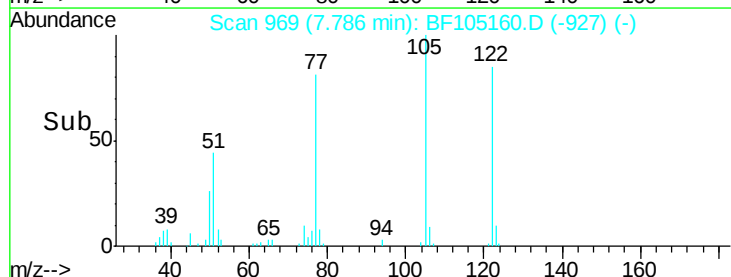
77 94.3 70.7 110.7

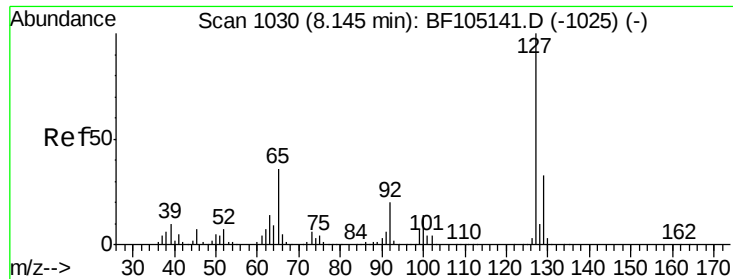


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

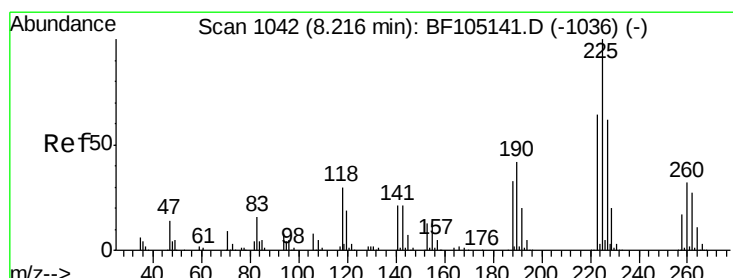
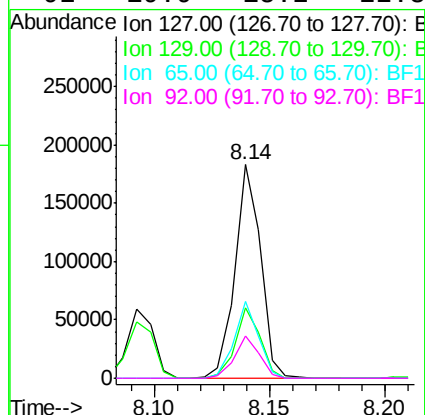
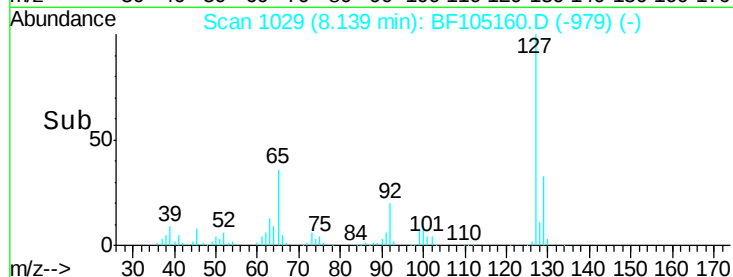
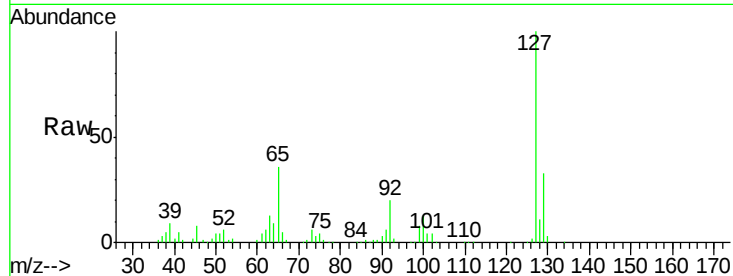




#33
4-Chloroaniline
Concen: 8.48 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

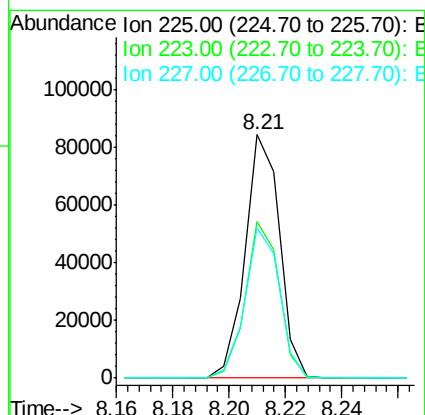
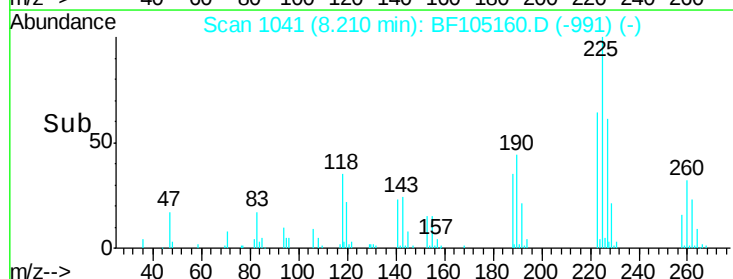
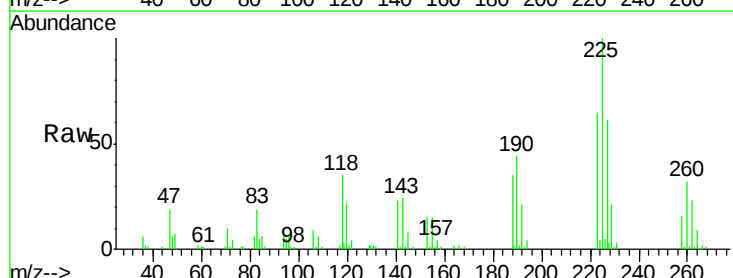
Instrument :
BNA_F
ClientSampleId :

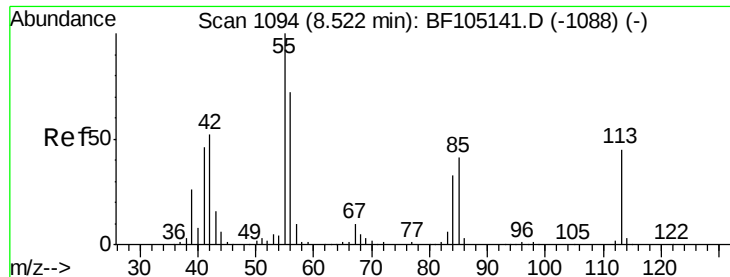
Tot Ion:	127	Resp:	141712
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	35.9	25.0	37.4
92	19.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 9.33 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion:	225	Resp:	71328
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	61.5	51.9	77.9





#35

Caprolactam

Concen: 8.20 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.05 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

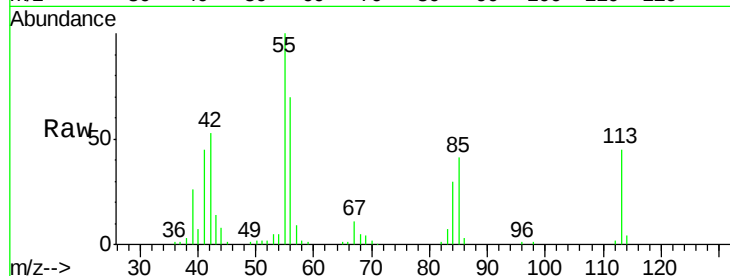
Tot Ion:113 Resp: 28508

Ion Ratio Lower Upper

113 100

55 222.4 163.3 203.3#

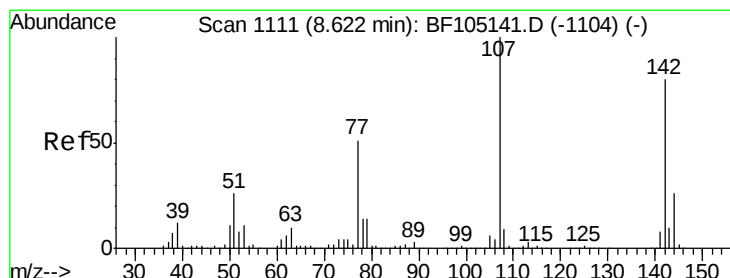
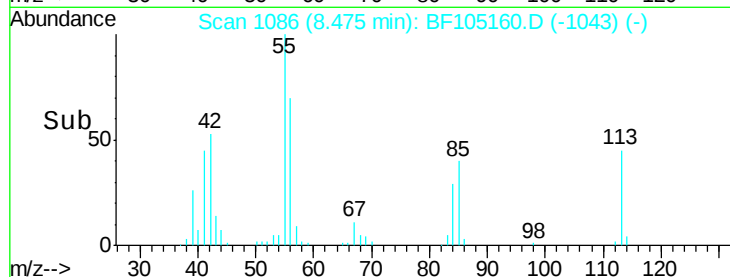
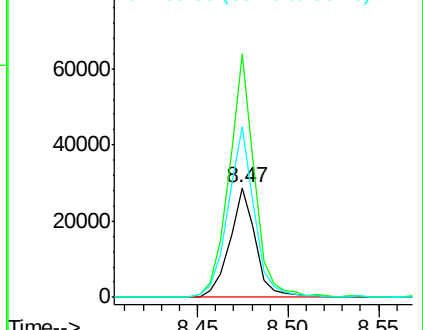
56 156.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 8.22 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

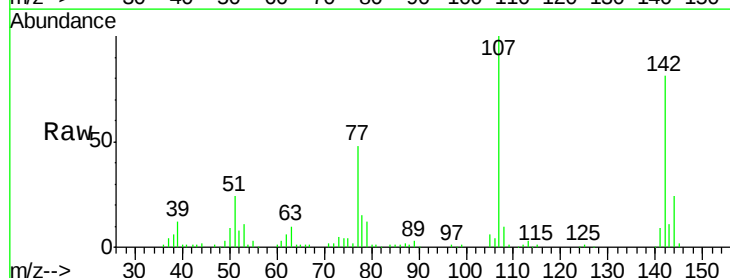
Tgt Ion:107 Resp: 98012

Ion Ratio Lower Upper

107 100

144 24.0 20.5 30.7

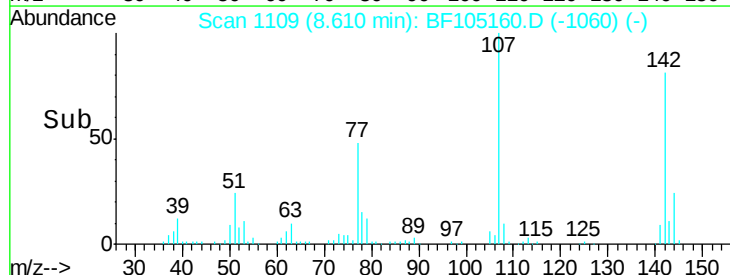
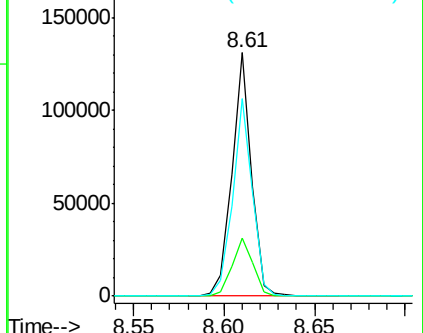
142 81.0 62.0 93.0

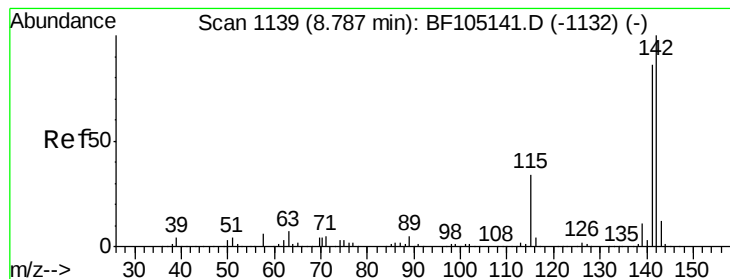


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 9.00 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

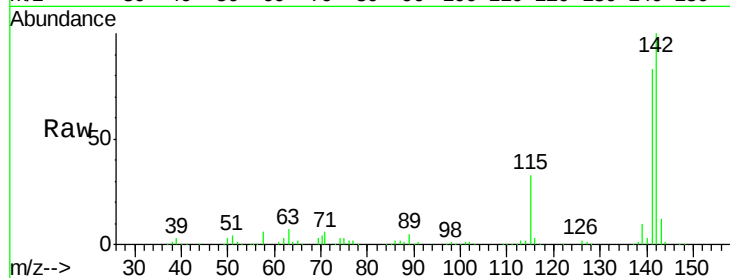
Tot Ion:142 Resp: 252075

Ion Ratio Lower Upper

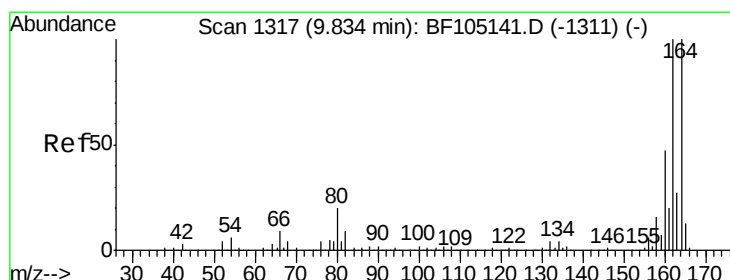
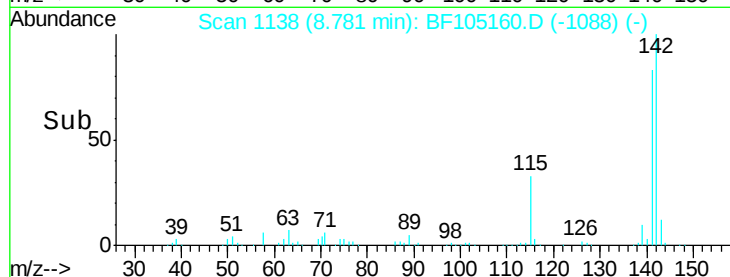
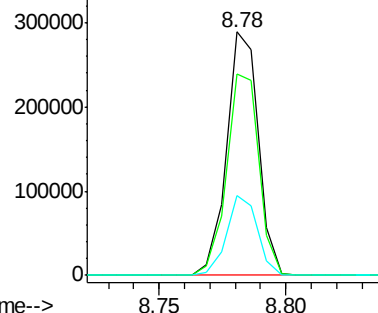
142 100

141 82.8 70.8 106.2

115 32.6 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

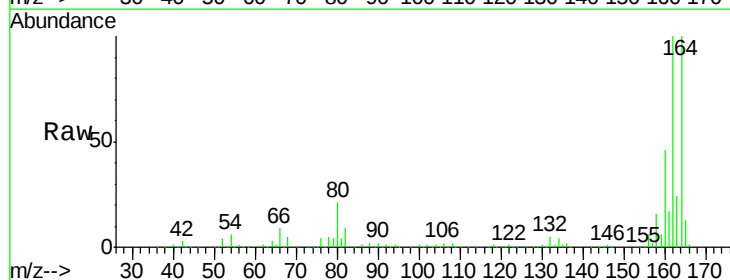
Tgt Ion:164 Resp: 416021

Ion Ratio Lower Upper

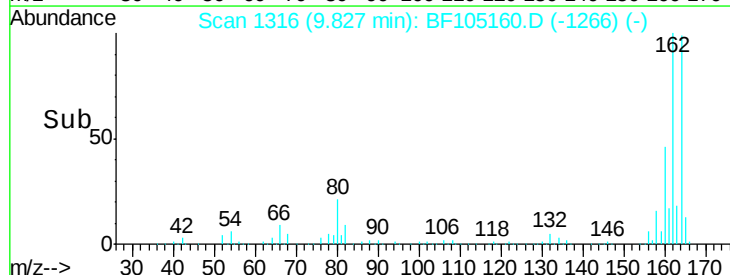
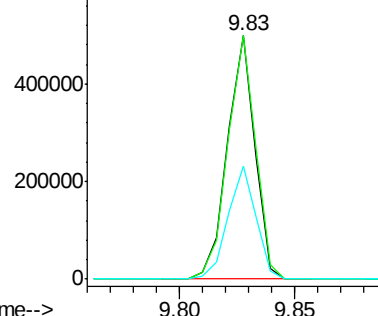
164 100

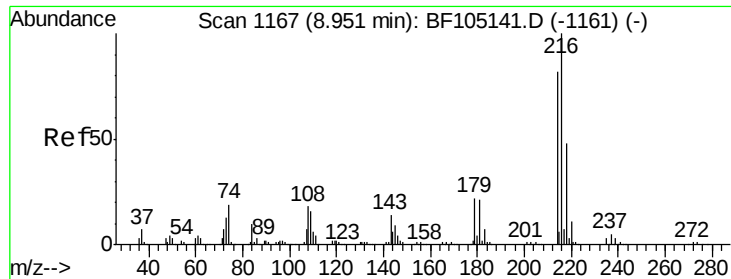
162 100.0 86.1 129.1

160 46.5 38.3 57.5



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

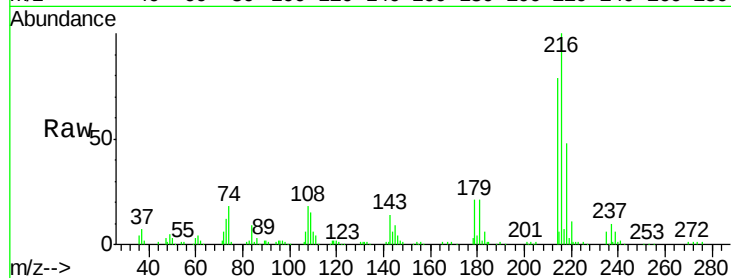




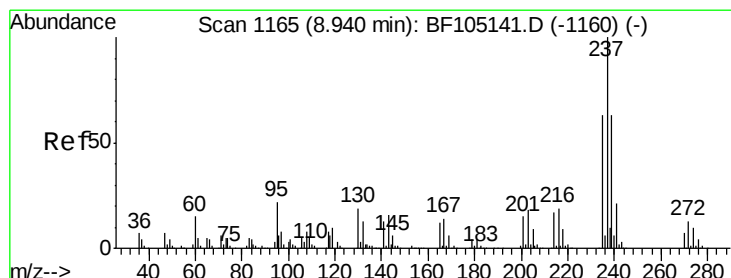
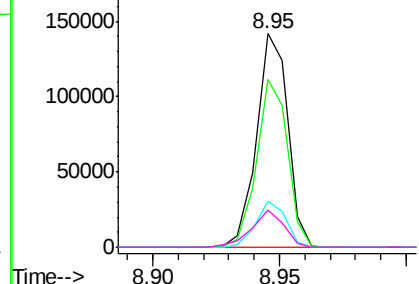
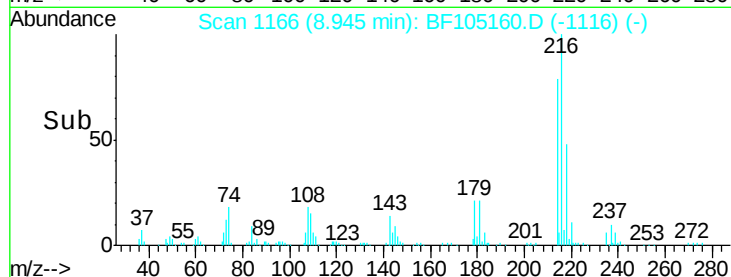
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.20 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	121768
Ion Ratio	Lower	Upper
216	100	
214	77.8	63.0 94.4
179	21.0	18.1 27.1
108	18.0	17.2 25.8

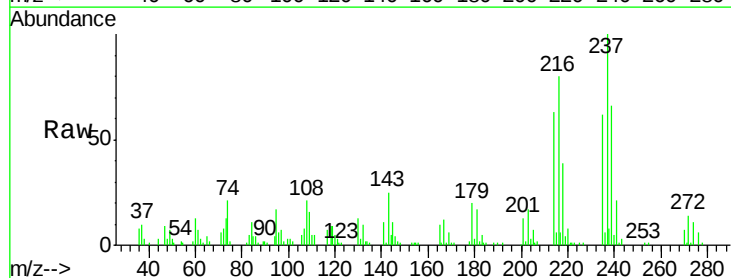


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

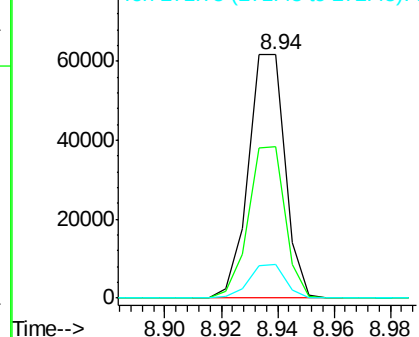
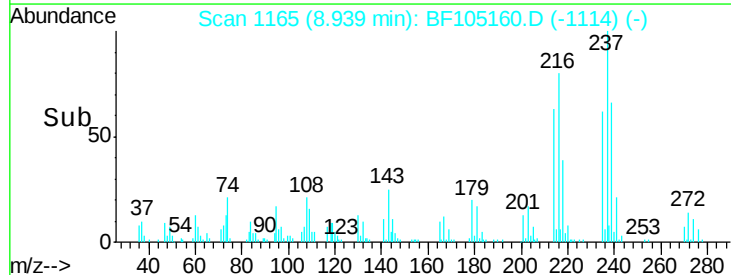


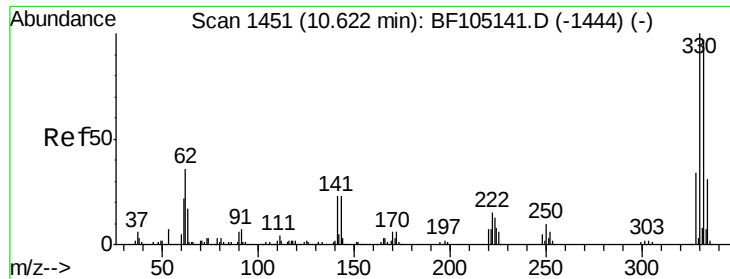
#40
 Hexachlorocyclopentadiene
 Concen: 7.79 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion:237	Resp:	55730
Ion Ratio	Lower	Upper
237	100	
235	62.3	44.8 84.8
272	13.8	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

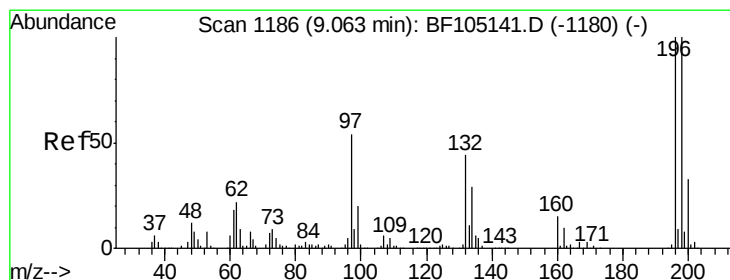
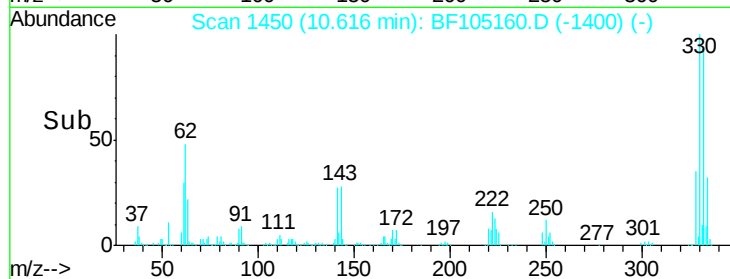
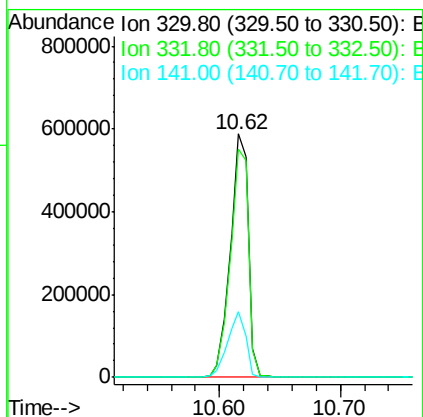
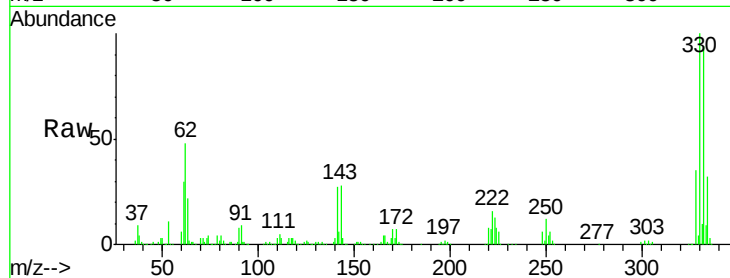




#41
 2,4,6-Tribromophenol
 Concen: 132.57 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

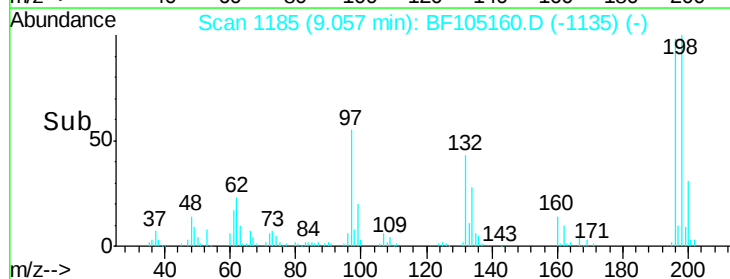
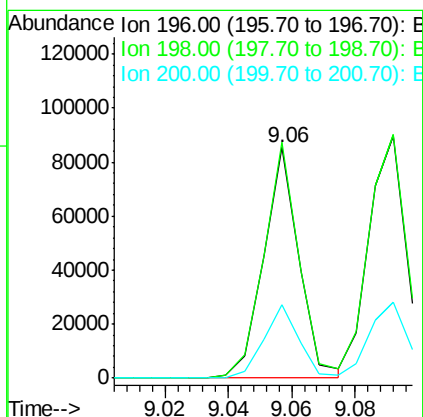
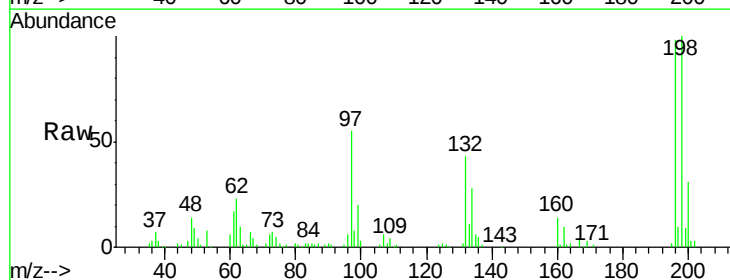
Instrument :
 BNA_F
 ClientSampleId :

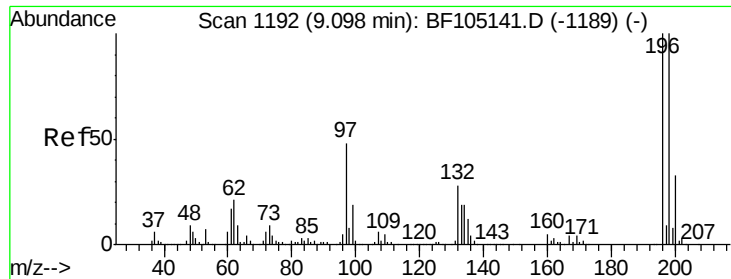
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	27.1	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 8.20 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.2	75.7	113.5
200	31.9	24.5	36.7

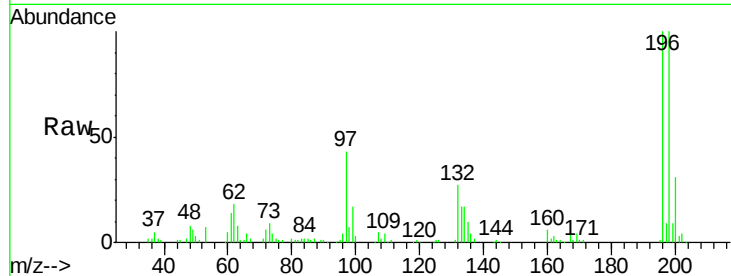




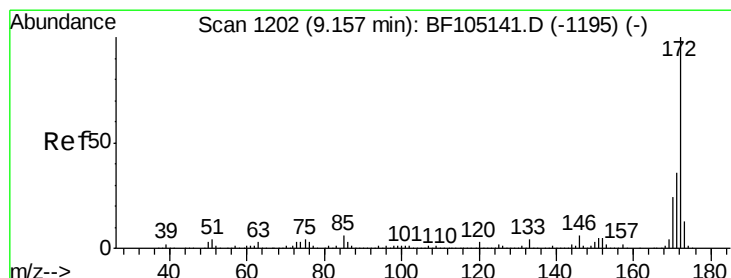
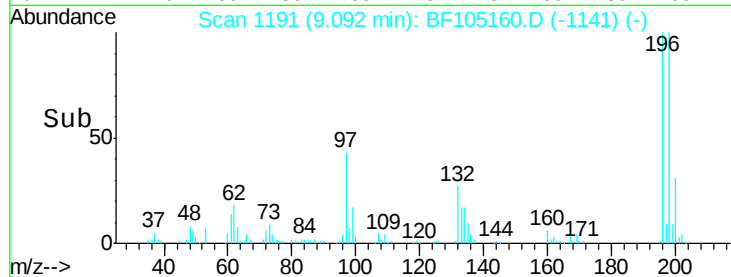
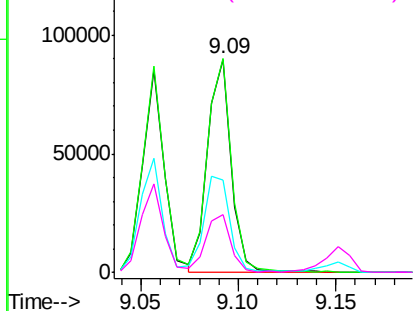
#43
 2,4,5-Trichlorophenol
 Concen: 8.98 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 75757
 Ion Ratio Lower Upper
 196 100
 198 100.3 74.6 112.0
 97 43.4 42.9 64.3
 132 27.4 26.3 39.5

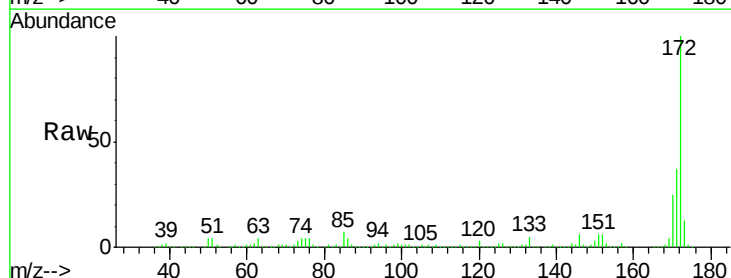


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

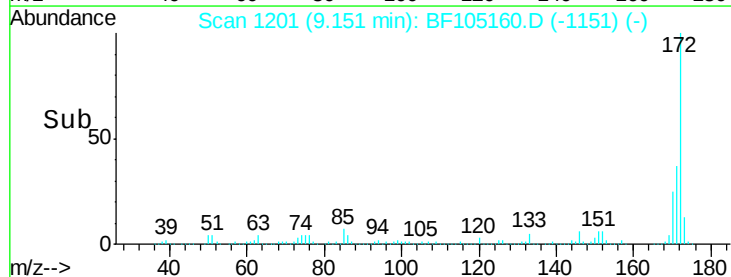
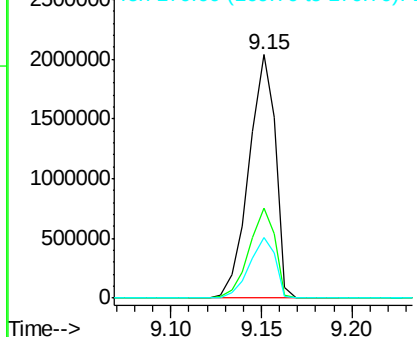


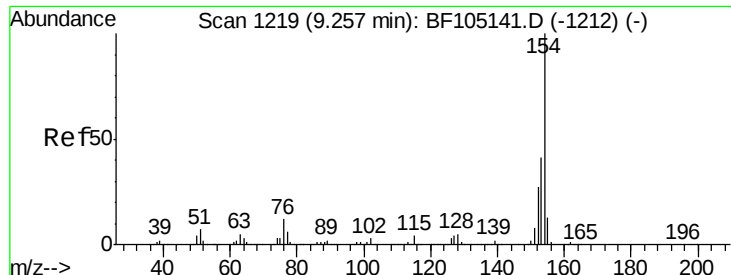
#44
 2-Fluorobiphenyl
 Concen: 77.32 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion:172 Resp: 2072563
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.7 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

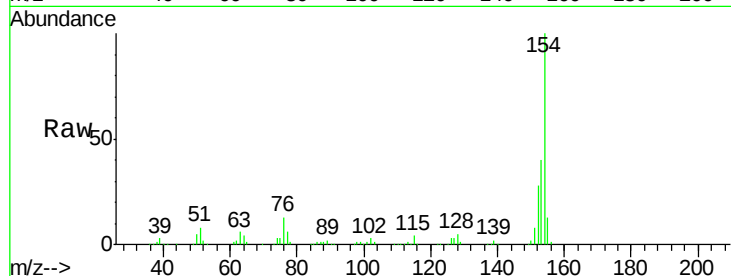




#45
 1,1'-Biphenyl
 Concen: 9.73 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.3	61.3
76	13.0	0.0	34.0

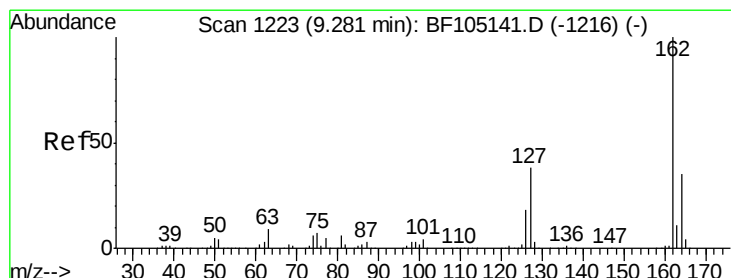
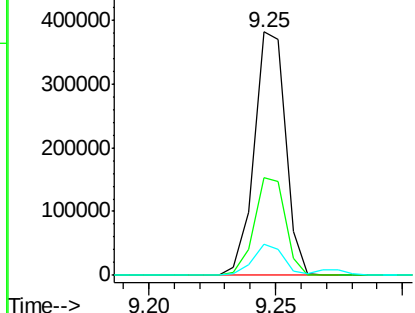
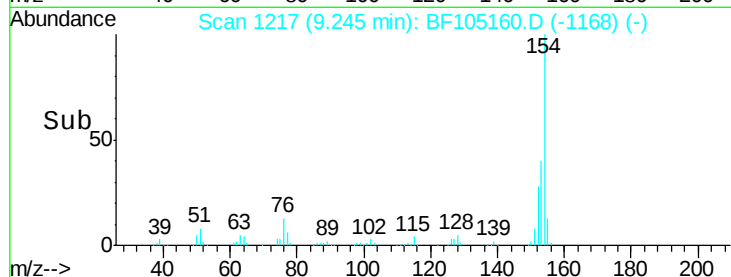


Abundance

Ion 154.00 (153.70 to 154.70): E

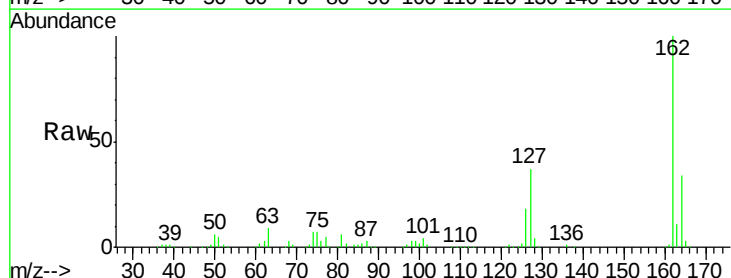
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 9.43 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	33.9	50.9
164	34.4	26.5	39.7

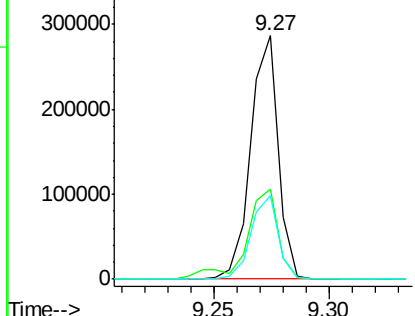
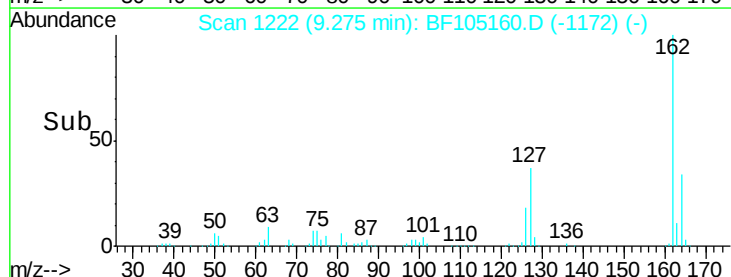


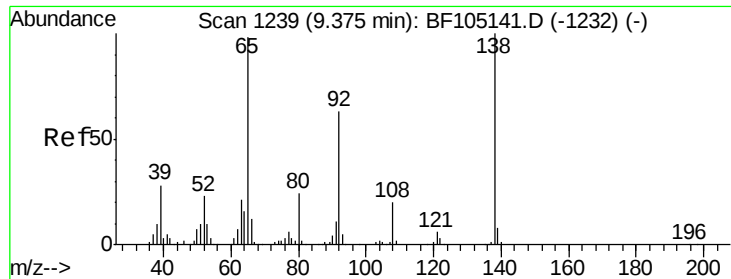
Abundance

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

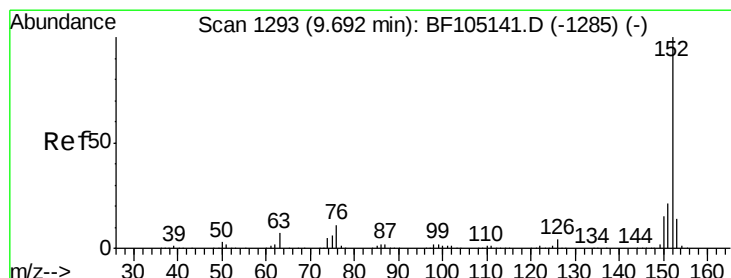
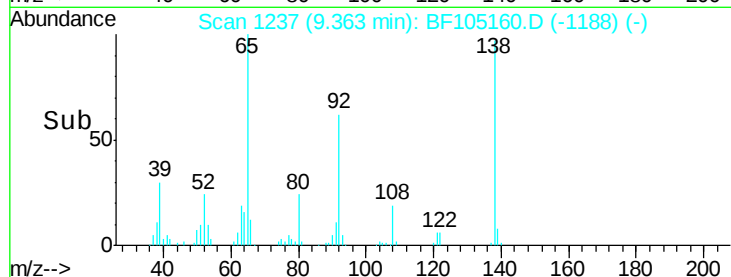
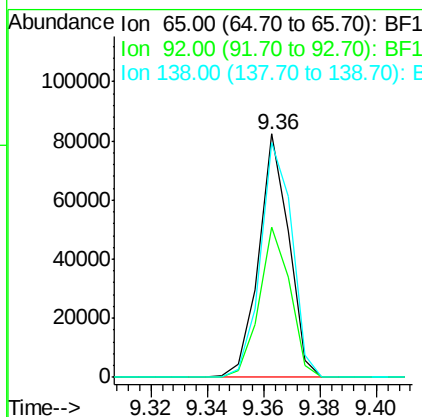
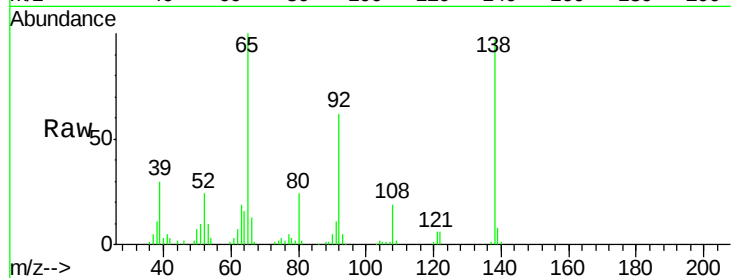




#47
2-Nitroaniline
Concen: 13.12 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

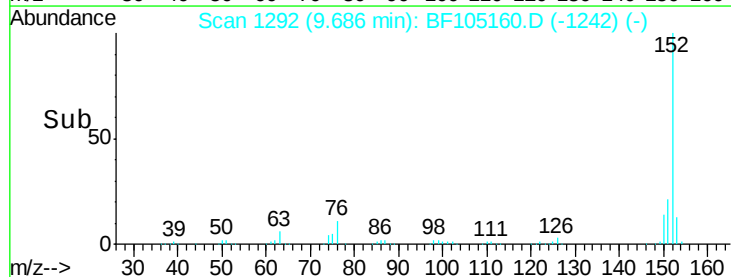
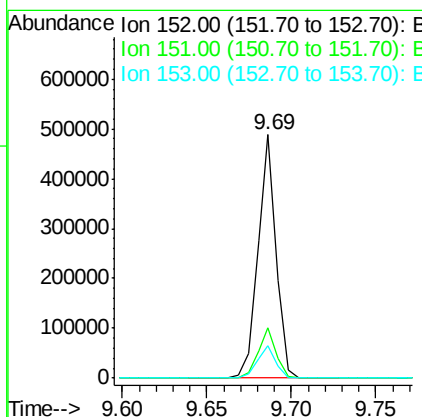
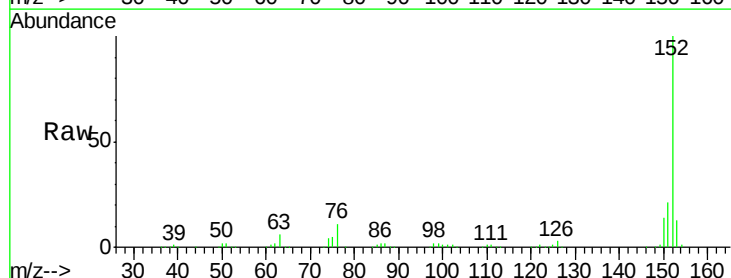
Instrument :
BNA_F
ClientSampleId :

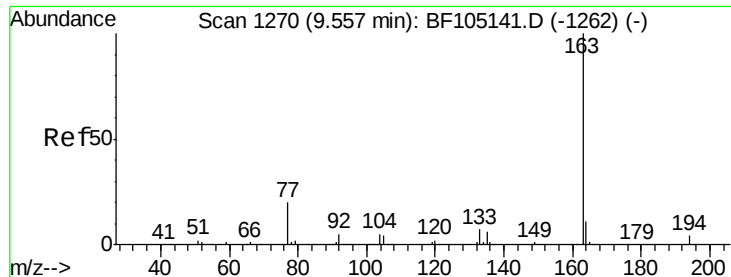
Tot Ion: 65 Resp: 60790
Ion Ratio Lower Upper
65 100
92 61.9 55.8 83.6
138 96.6 91.2 136.8



#48
Acenaphthylene
Concen: 9.36 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion: 152 Resp: 366288
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.4 10.7 16.1

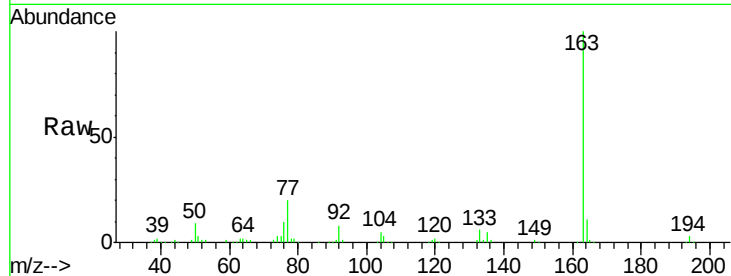




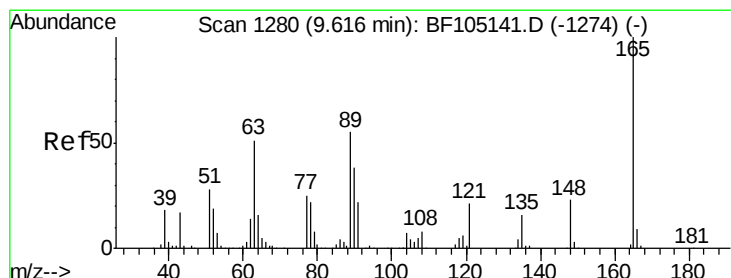
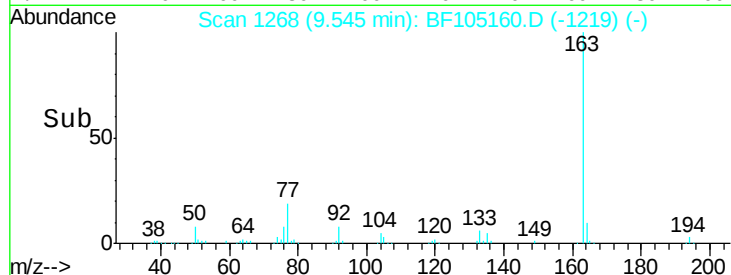
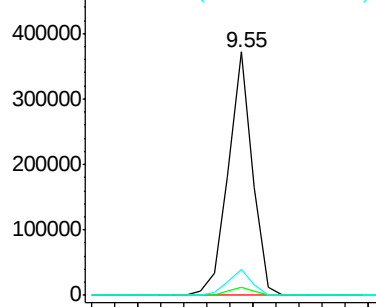
#49
Dimethylphthalate
Concen: 9.66 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.9	8.2	12.2

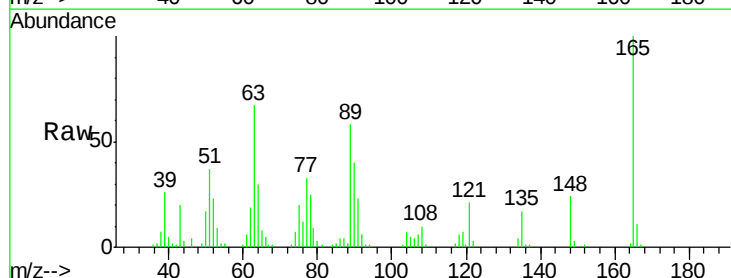


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

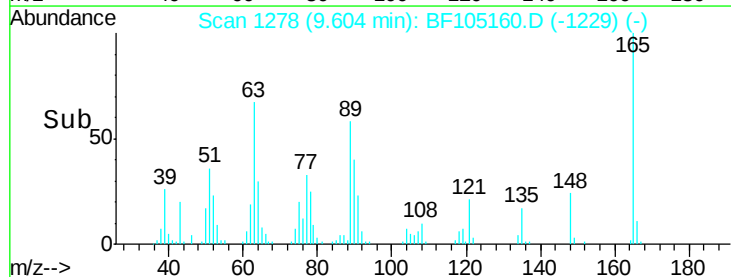
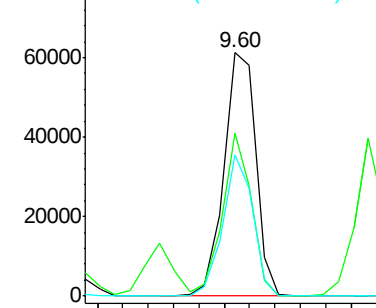


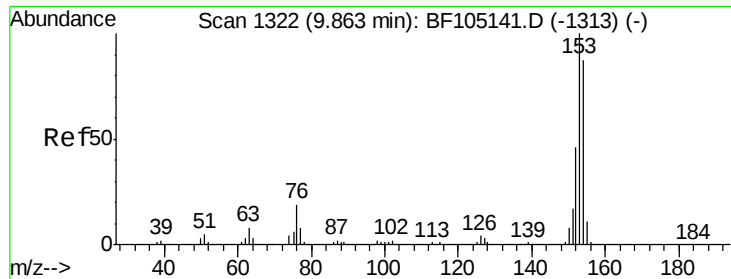
#50
2,6-Dinitrotoluene
Concen: 8.86 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.7	44.7	67.1
89	58.2	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

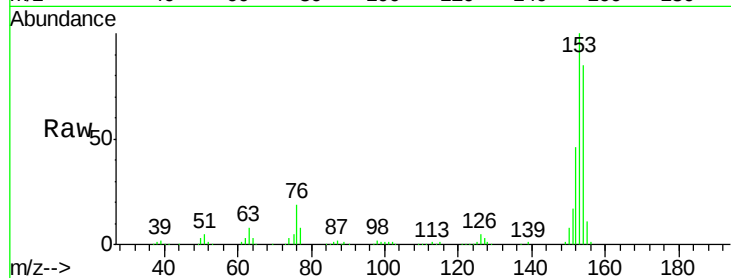




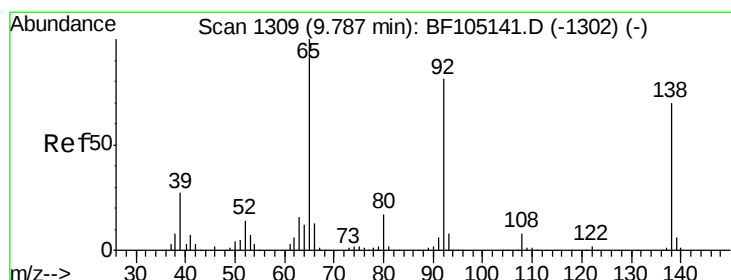
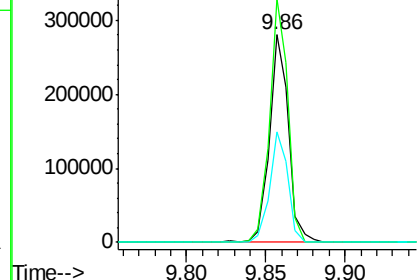
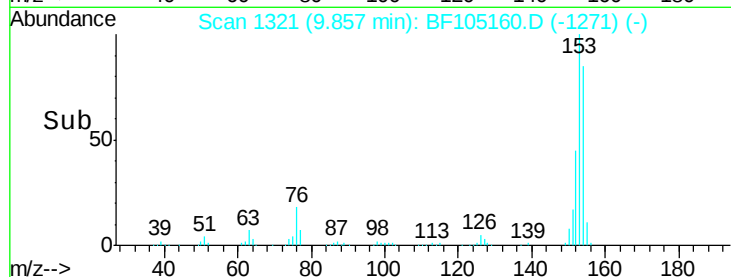
#51
Acenaphthene
Concen: 9.45 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 238238
Ion Ratio Lower Upper
154 100
153 117.2 91.2 136.8
152 53.5 43.8 65.8

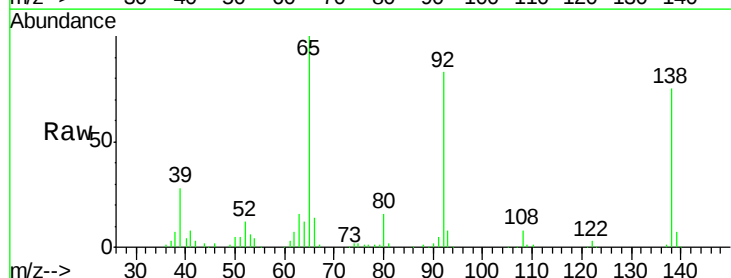


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

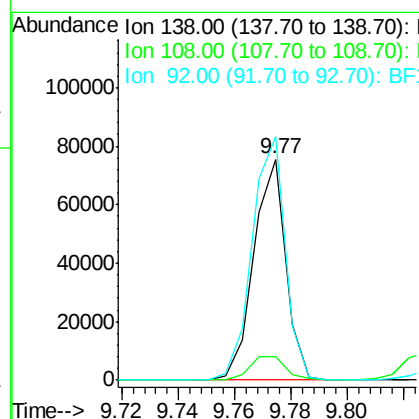
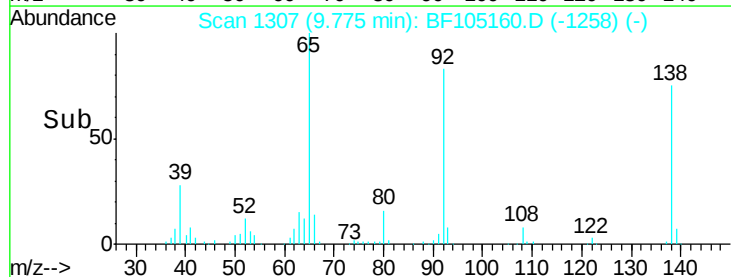


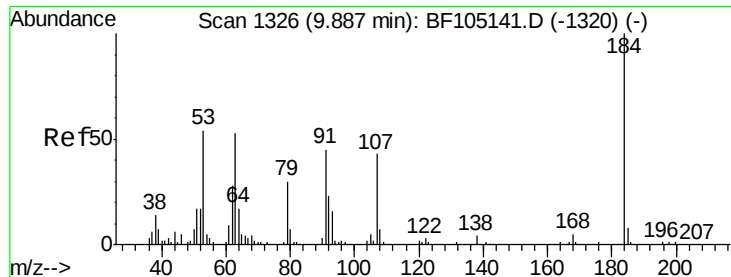
#52
3-Nitroaniline
Concen: 9.22 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion:138 Resp: 59323
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 110.4 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

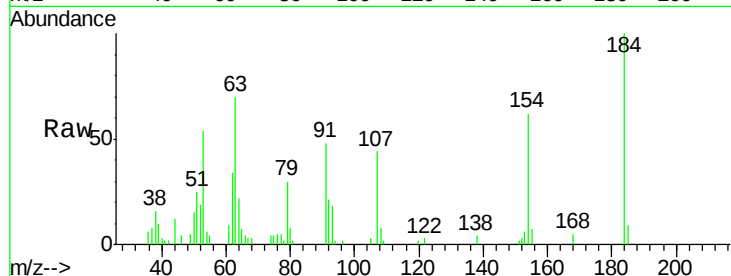




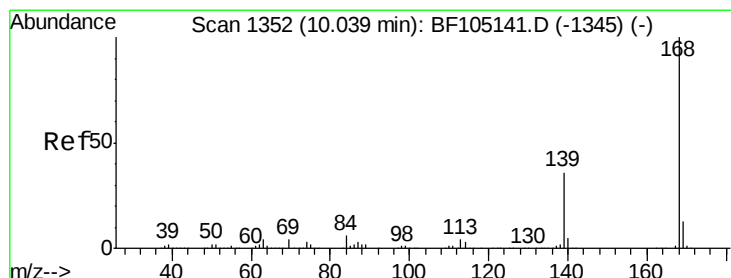
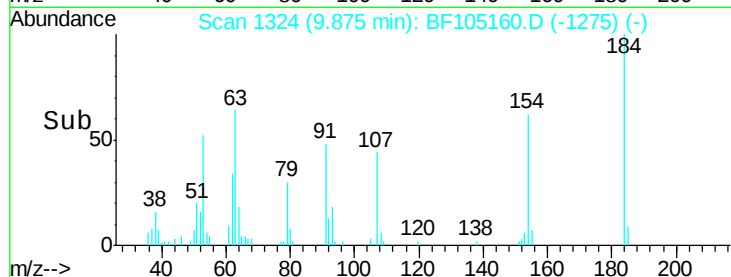
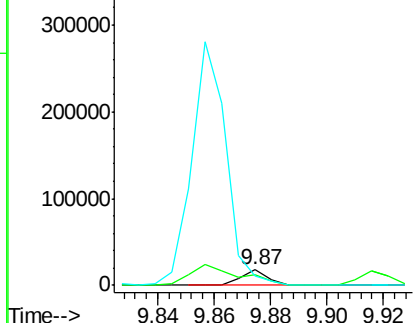
#53
2,4-Dinitrophenol
Concen: 16.43 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 12129
Ion Ratio Lower Upper
184 100
63 69.7 54.2 81.2
154 62.3 184.0 276.0#

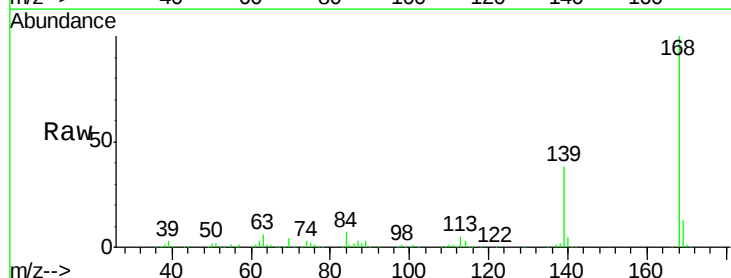


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

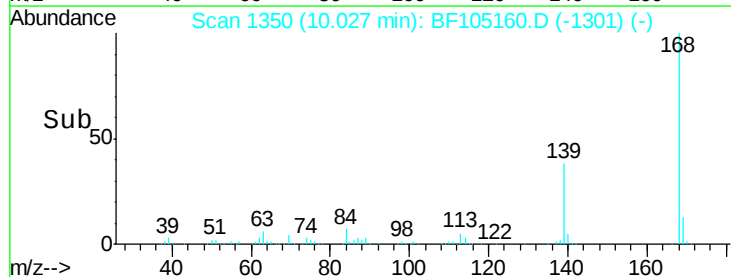
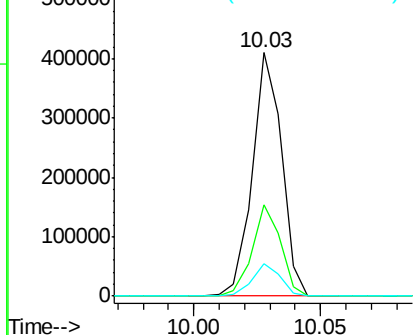


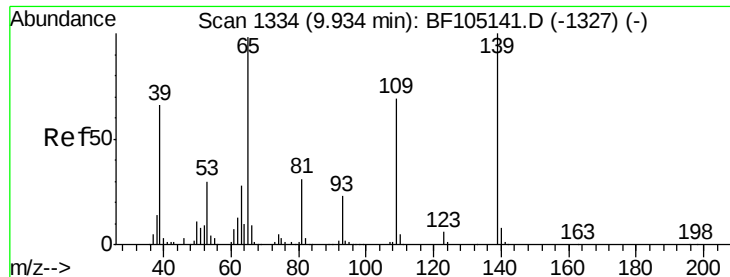
#54
Dibenzofuran
Concen: 8.97 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion:168 Resp: 331000
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.4 10.9 16.3



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

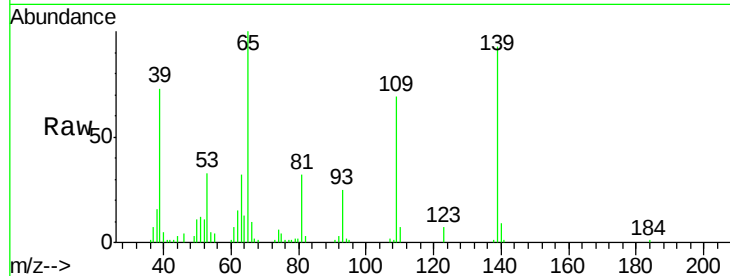




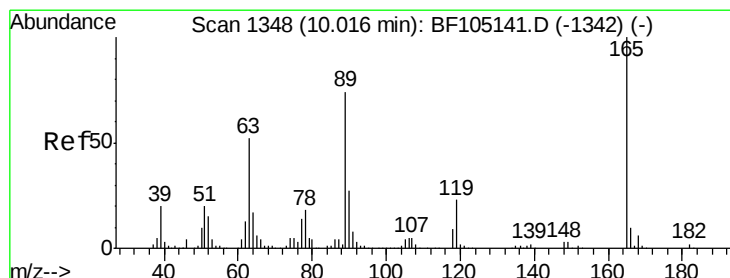
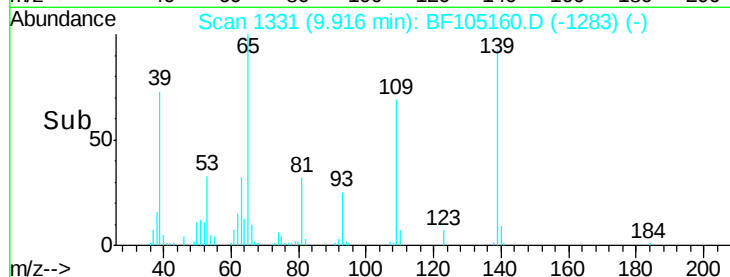
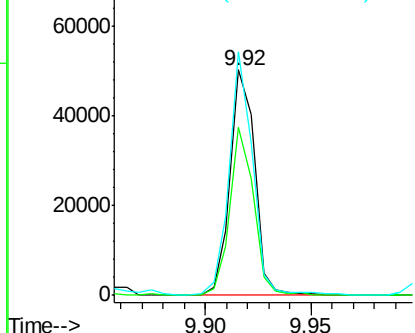
#55
4-Nitrophenol
Concen: 10.88 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 40300
Ion Ratio Lower Upper
139 100
109 74.4 48.4 88.4
65 108.1 72.6 112.6

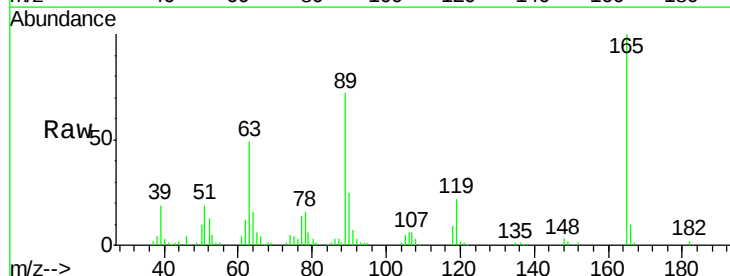


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

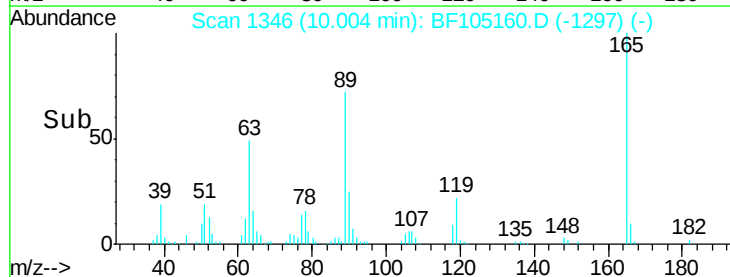
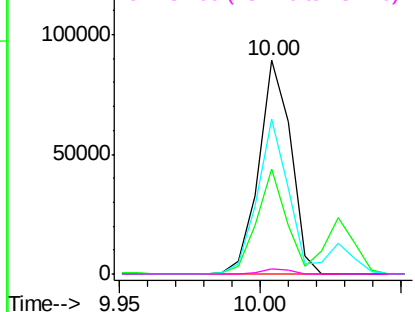


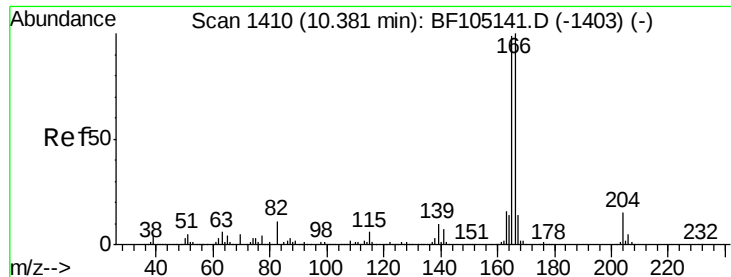
#56
2,4-Dinitrotoluene
Concen: 11.59 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion:165 Resp: 70114
Ion Ratio Lower Upper
165 100
63 49.0 36.4 54.6
89 72.4 57.8 86.6
182 2.2 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

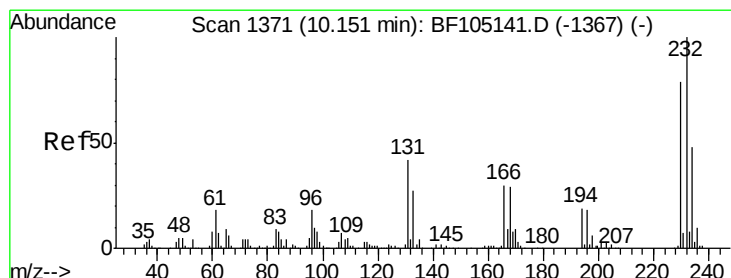
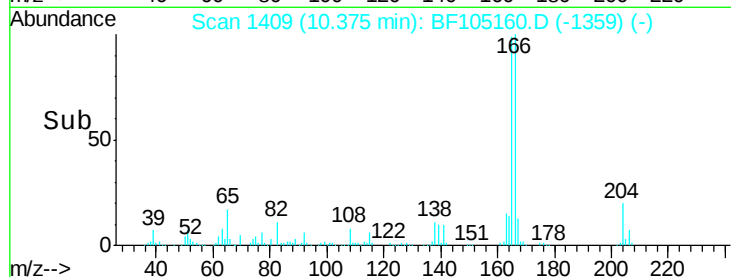
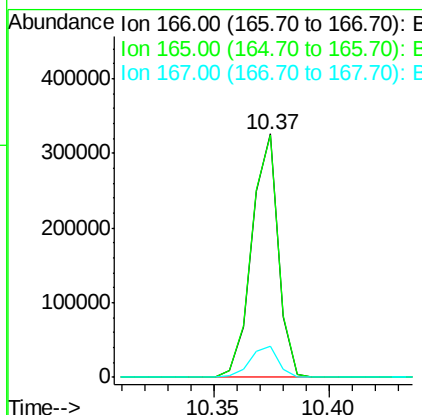
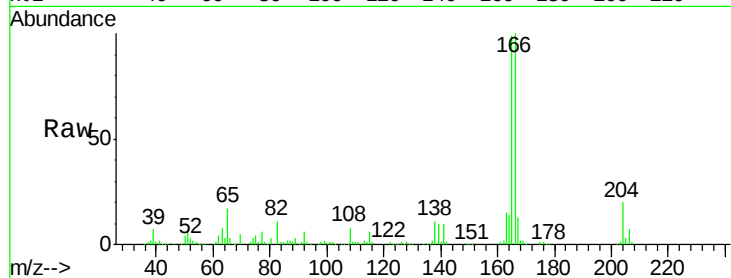




#57
 Fluorene
 Concen: 9.66 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

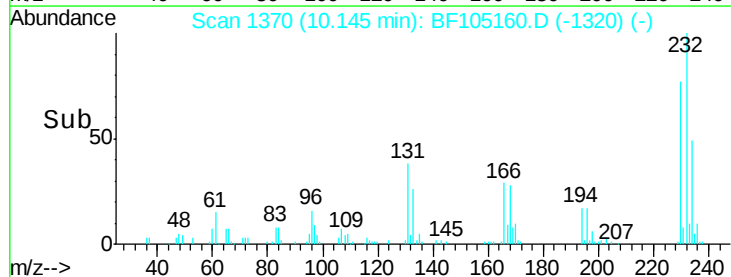
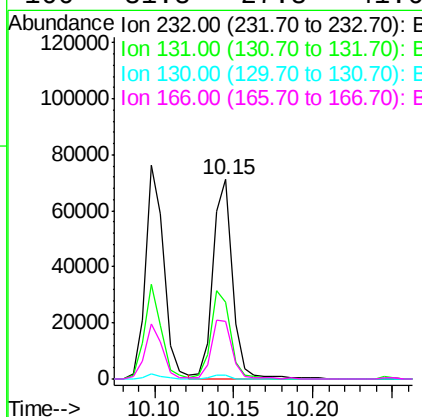
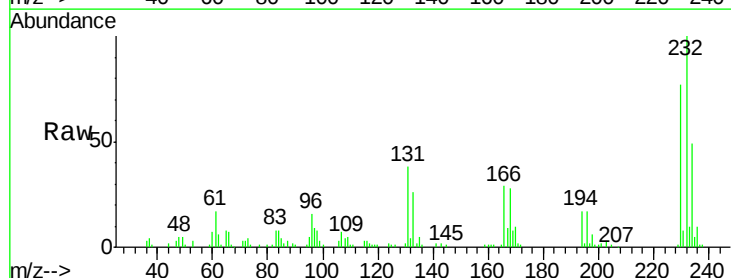
Instrument :
 BNA_F
 ClientSampleId :

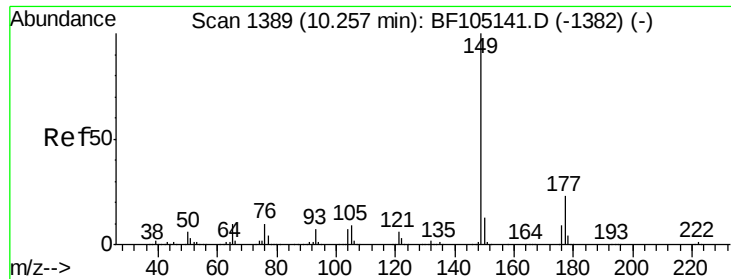
Tot Ion:166 Resp: 261193
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 8.18 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion:232 Resp: 61585
 Ion Ratio Lower Upper
 232 100
 131 44.2 43.8 65.8
 130 1.7 2.1 3.1#
 166 31.8 27.8 41.6

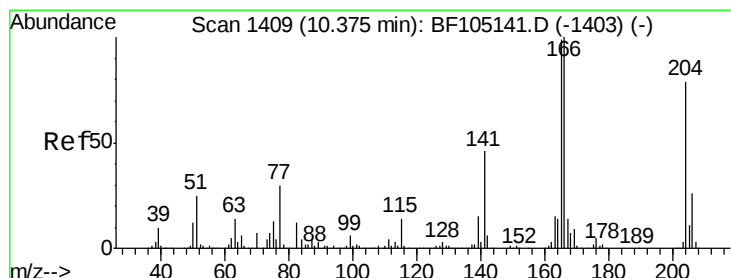
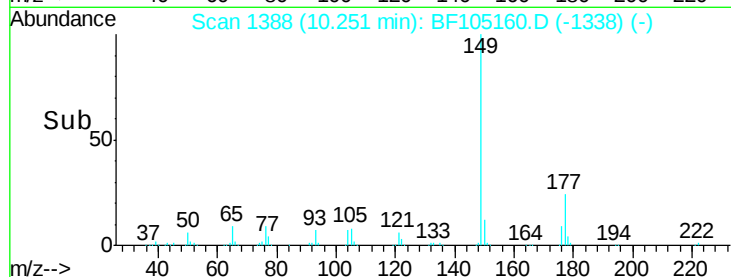
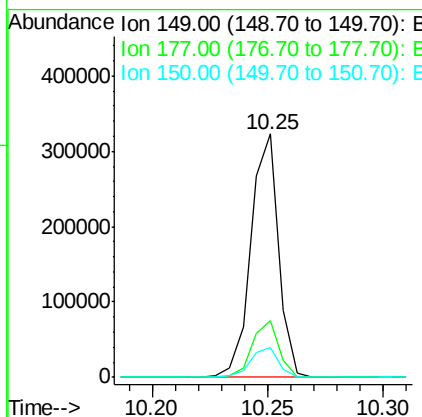
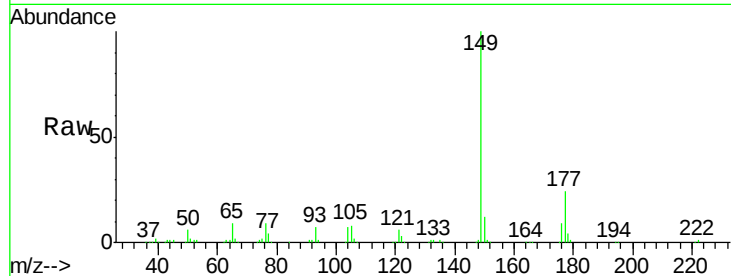




#59
Diethylphthalate
Concen: 9.78 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

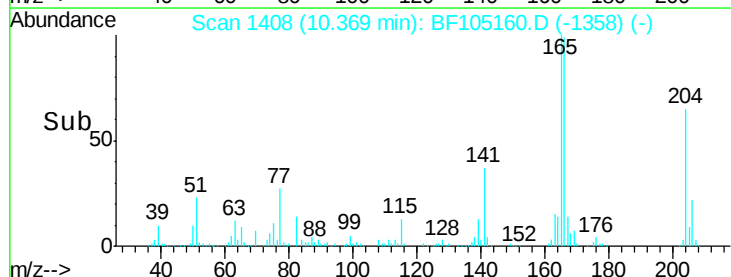
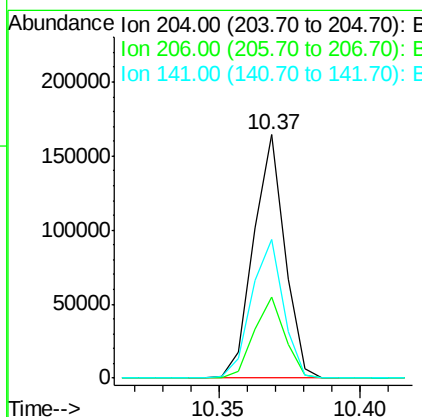
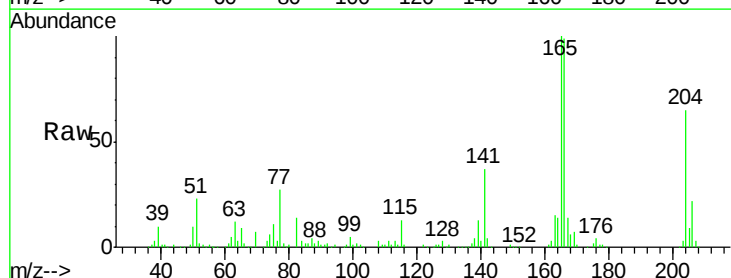
Instrument :
BNA_F
ClientSampleId :

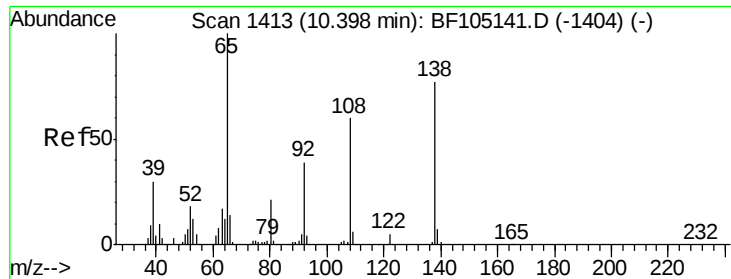
Tot Ion:149 Resp: 270754
Ion Ratio Lower Upper
149 100
177 23.6 16.1 24.1
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 10.03 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion:204 Resp: 126289
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 57.0 54.6 81.8

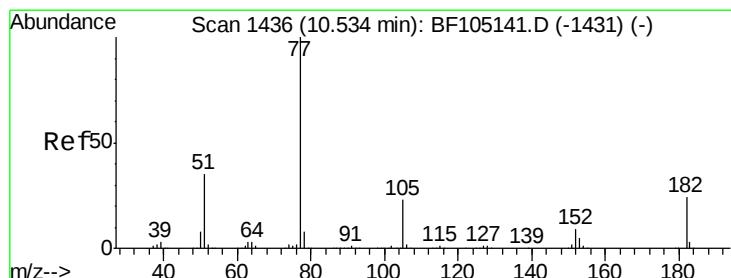
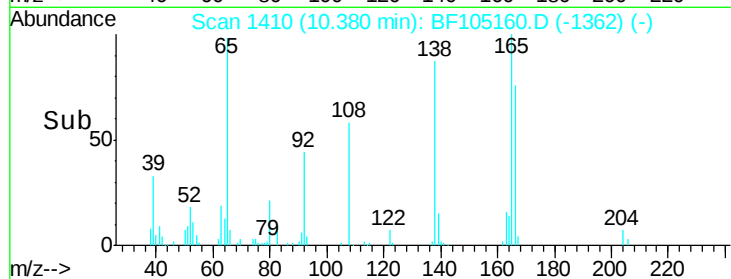
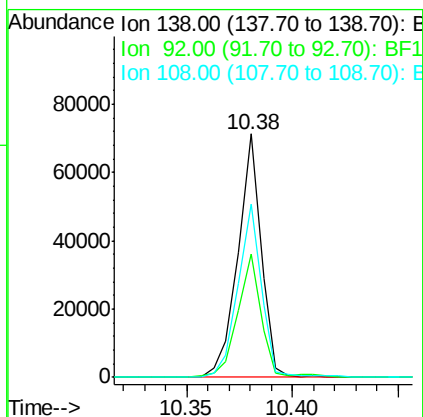
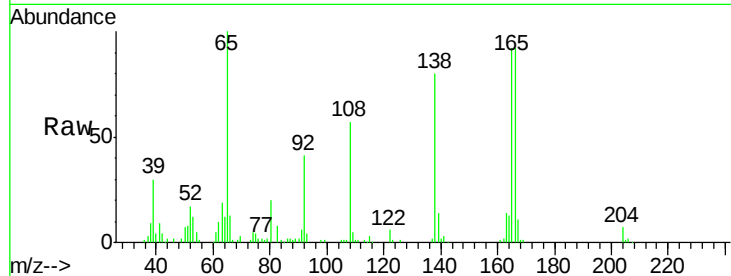




#61
4-Nitroaniline
Concen: 8.45 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

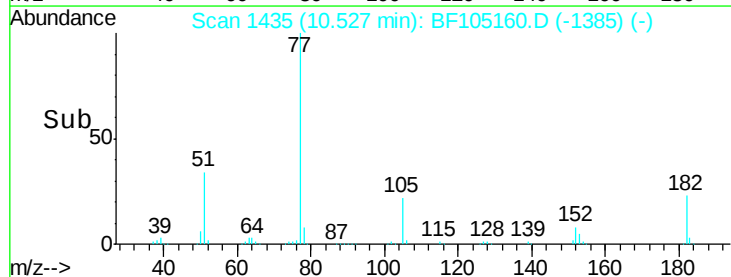
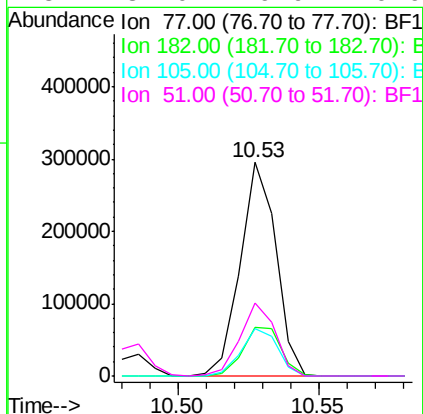
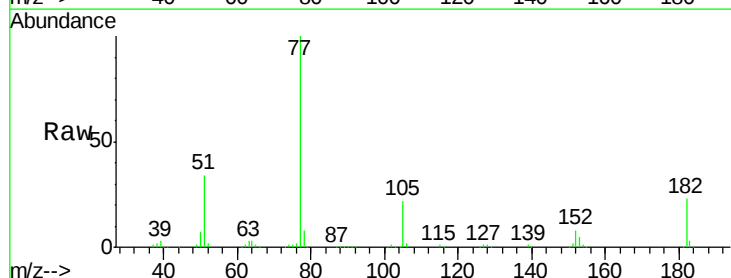
Instrument :
BNA_F
ClientSampleId :

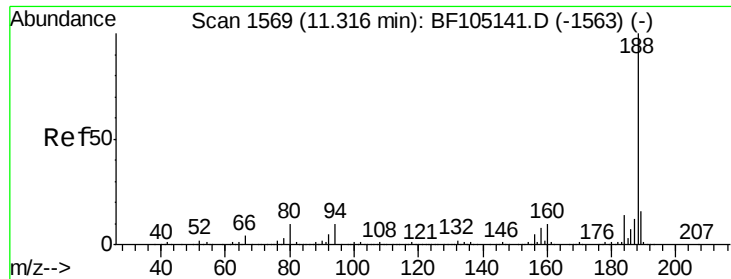
Tot Ion:138 Resp: 54129
Ion Ratio Lower Upper
138 100
92 50.7 30.2 70.2
108 71.1 52.5 92.5



#62
Azobenzene
Concen: 9.01 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion: 77 Resp: 260123
Ion Ratio Lower Upper
77 100
182 22.9 1.7 41.7
105 22.0 3.0 43.0
51 34.0 9.9 49.9

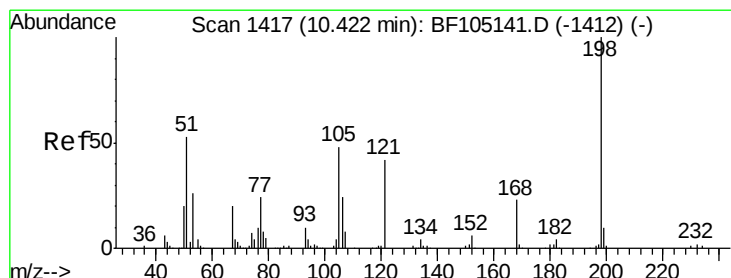
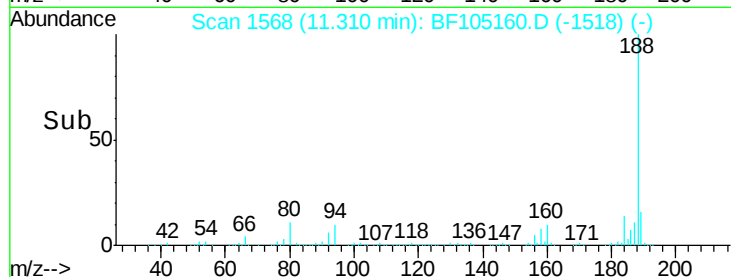
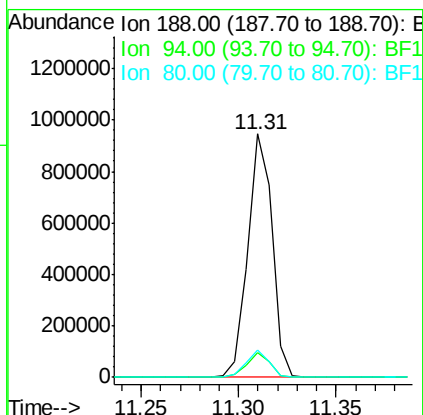
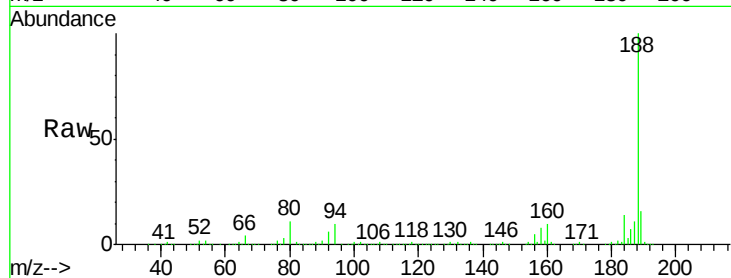




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

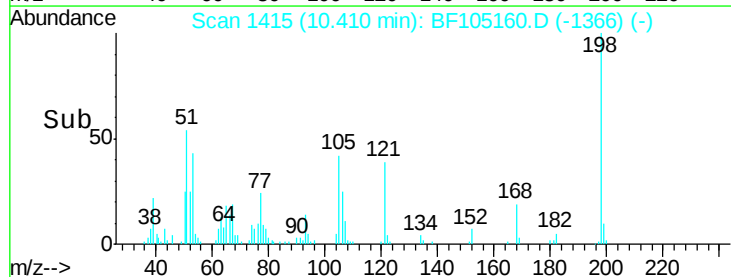
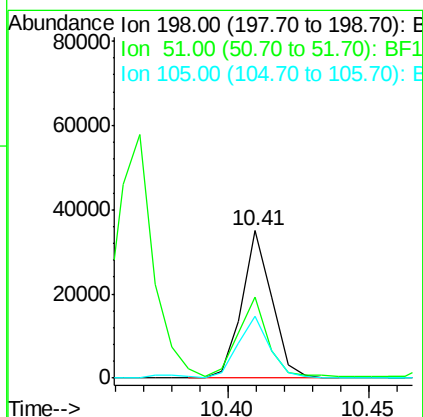
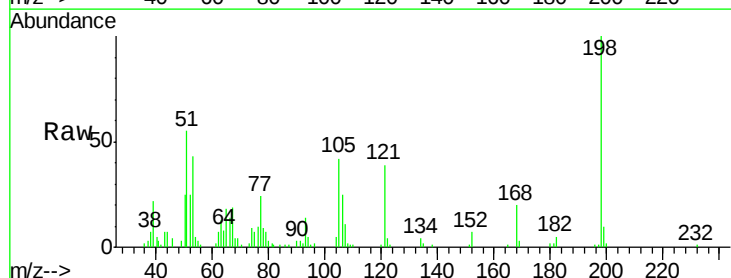
Instrument :
BNA_F
ClientSampleId :

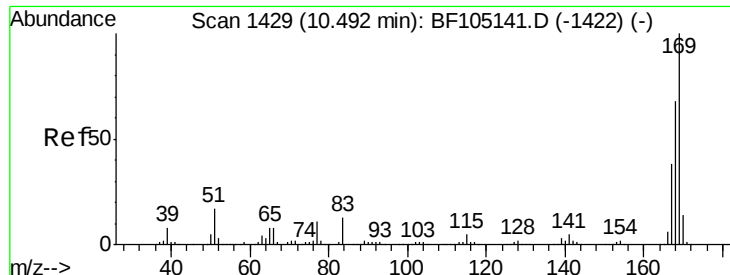
Tot Ion:188 Resp: 817901
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.18 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion:198 Resp: 26005
Ion Ratio Lower Upper
198 100
51 54.6 37.7 77.7
105 41.9 36.3 76.3

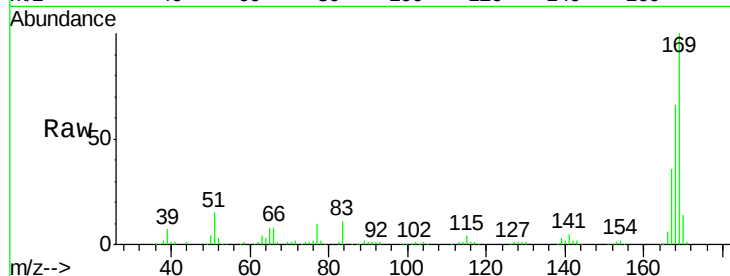




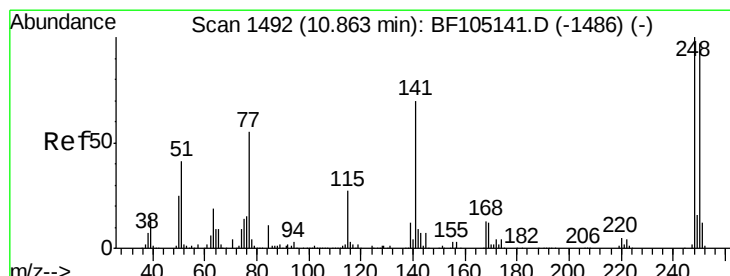
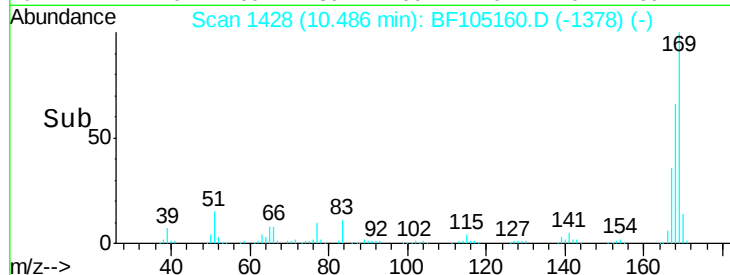
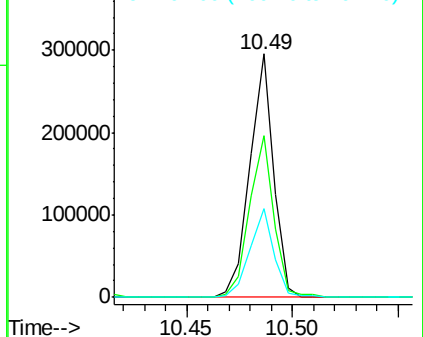
#65
 n-Nitrosodiphenylamine
 Concen: 9.09 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.4	81.6
167	36.2	29.8	44.6

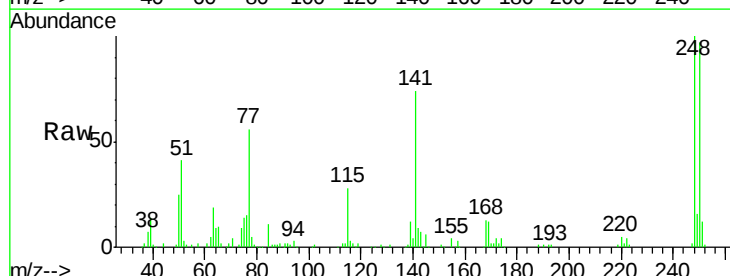


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

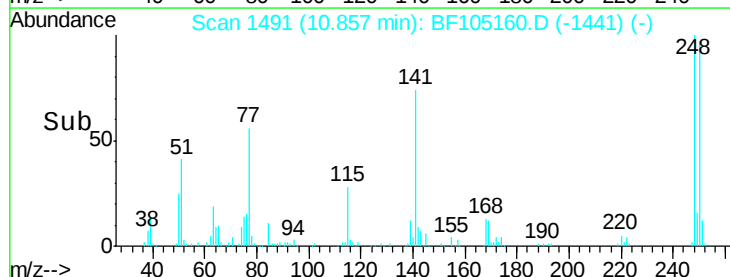
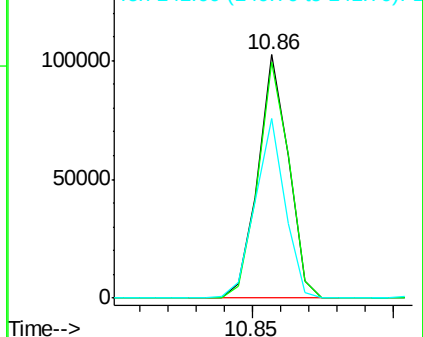


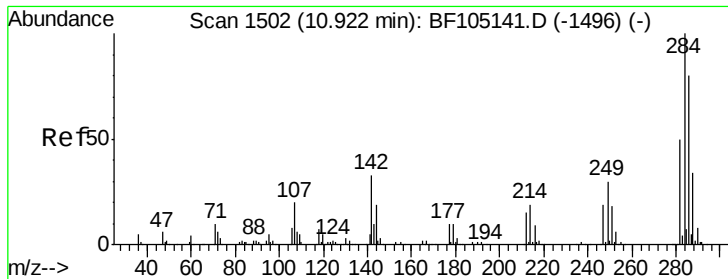
#66
 4-Bromophenyl-phenylether
 Concen: 8.83 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	73.8	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

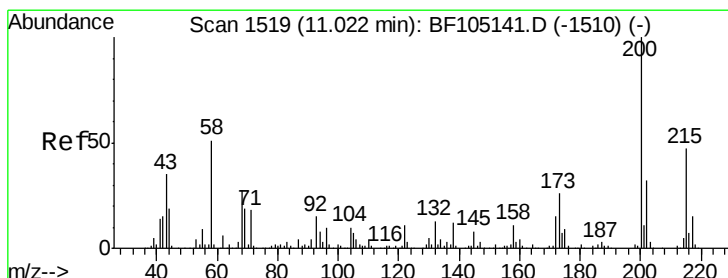
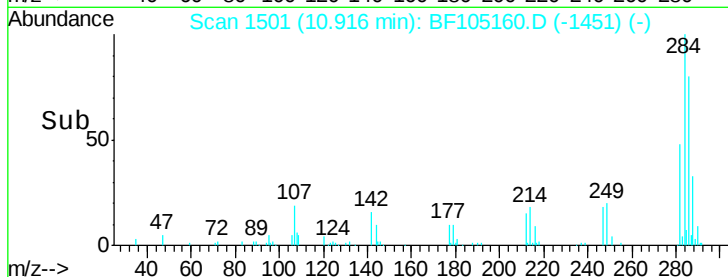
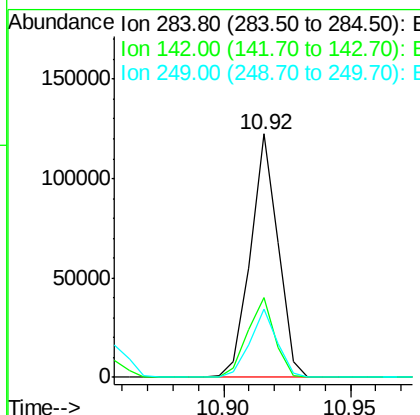
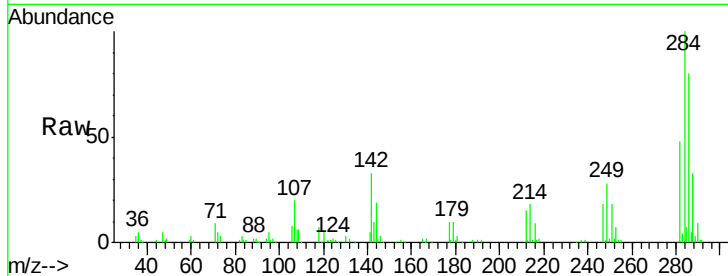




#67
 Hexachlorobenzene
 Concen: 9.23 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

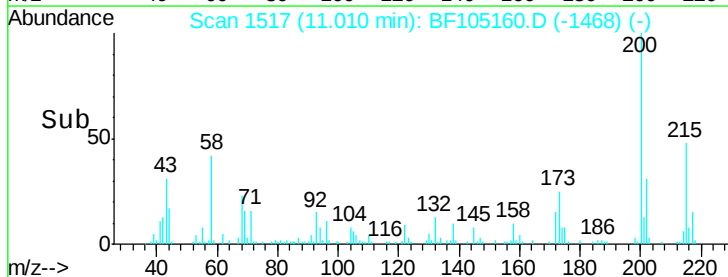
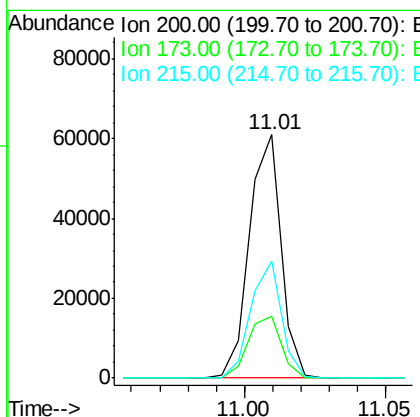
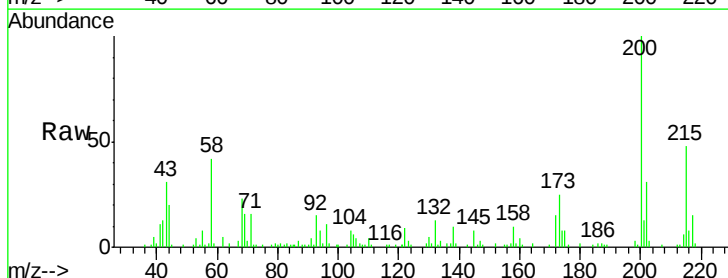
Instrument :
 BNA_F
 ClientSampleId :

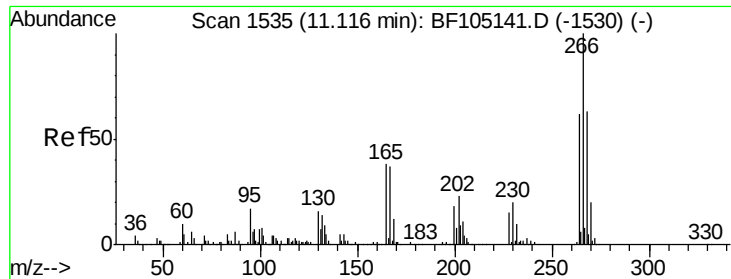
Tot Ion:284 Resp: 92725
 Ion Ratio Lower Upper
 284 100
 142 32.6 34.6 52.0#
 249 28.1 24.8 37.2



#68
 Atrazine
 Concen: 5.95 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion:200 Resp: 47542
 Ion Ratio Lower Upper
 200 100
 173 25.2 8.6 48.6
 215 47.9 25.1 65.1

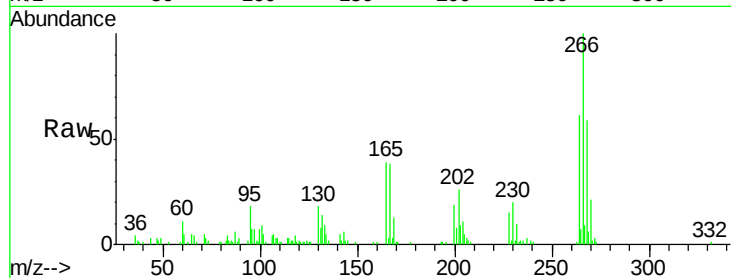




#69
 Pentachlorophenol
 Concen: 11.22 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.8	51.1	76.7
264	61.4	49.5	74.3

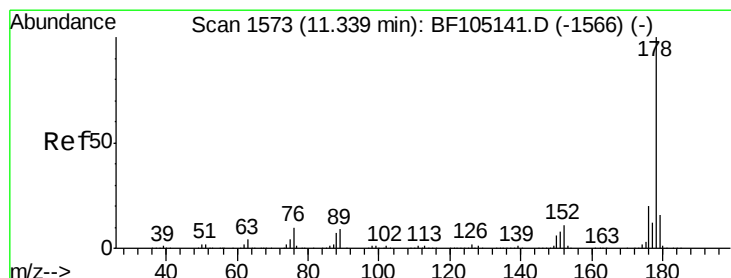
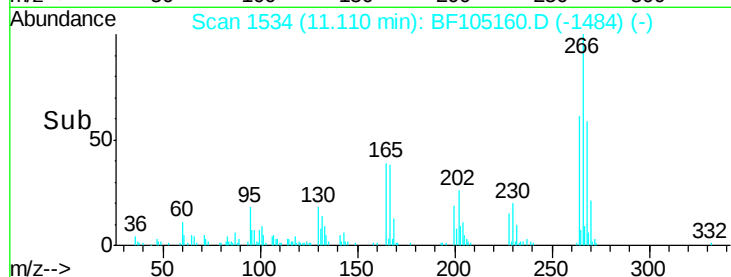
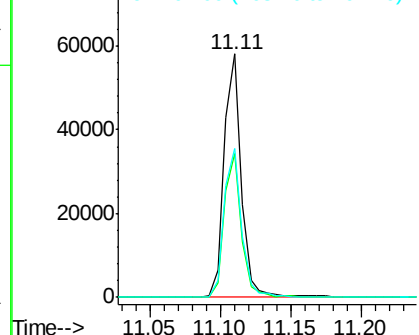


Abundance

Ion 265.70 (265.40 to 266.40): E

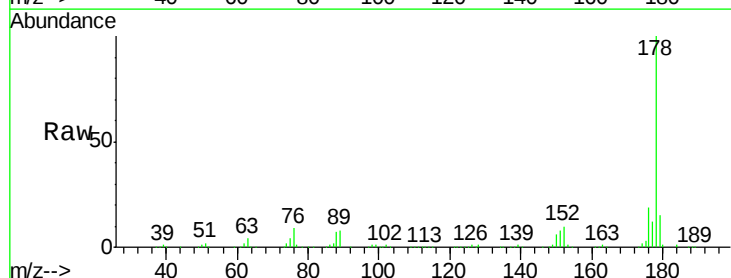
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 9.19 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.0	13.0	19.6

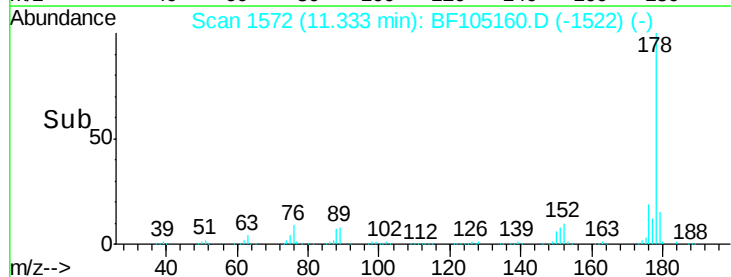
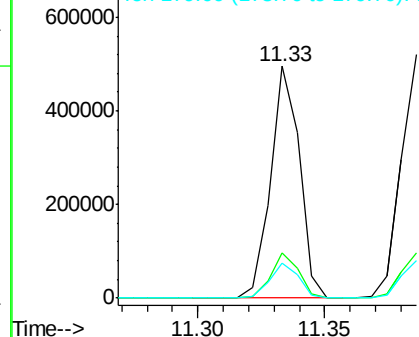


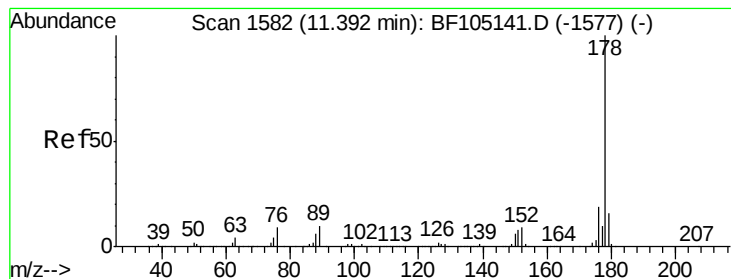
Abundance

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: 8.89 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

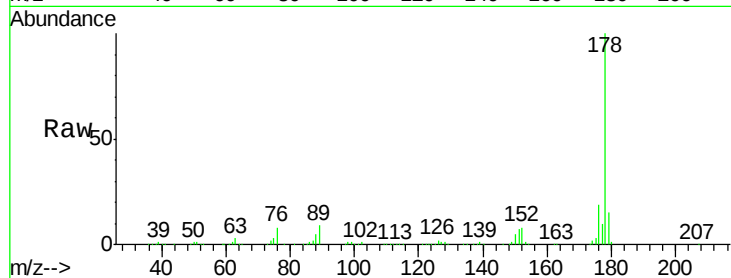
Tot Ion:178 Resp: 389711

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

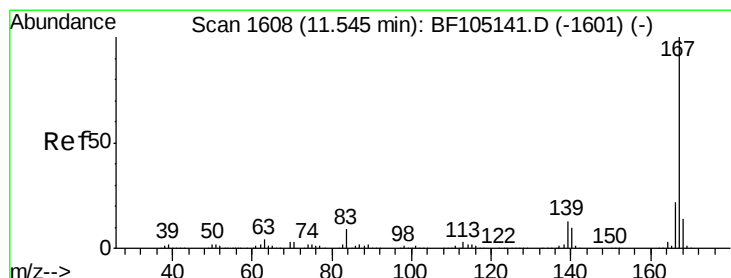
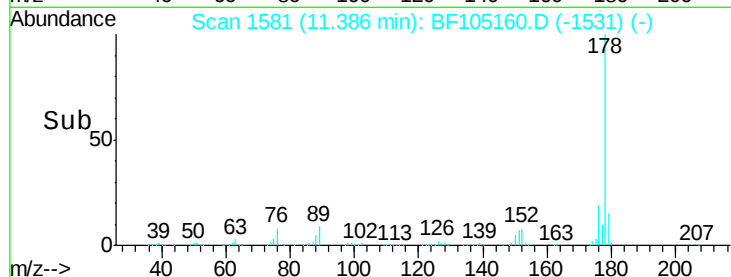
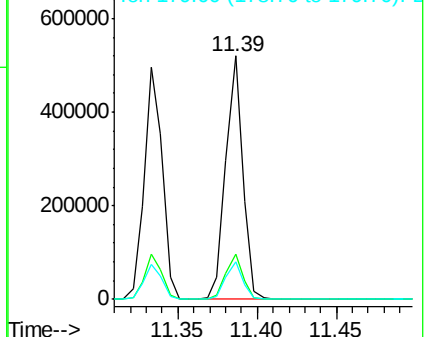
179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 9.37 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

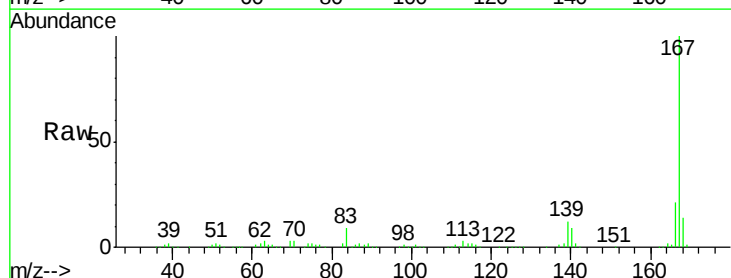
Tgt Ion:167 Resp: 370118

Ion Ratio Lower Upper

167 100

166 21.3 17.6 26.4

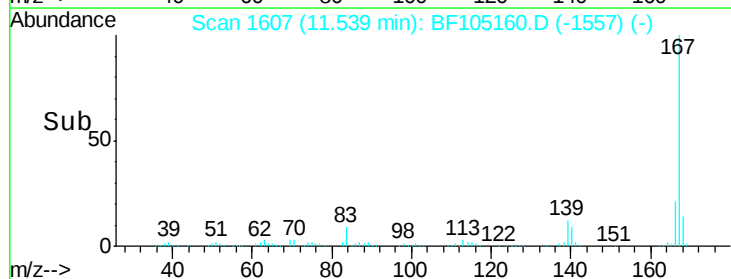
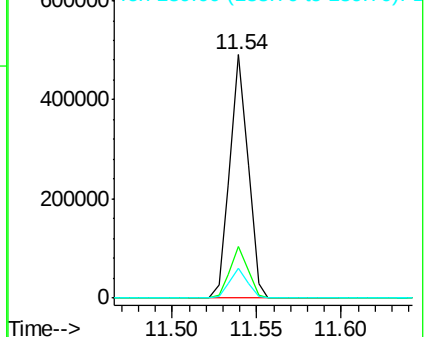
139 12.1 10.9 16.3

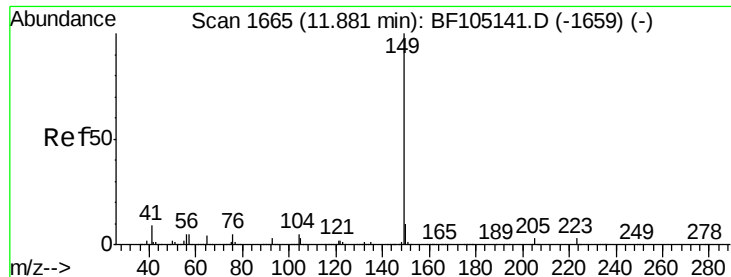


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 9.48 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampleId :

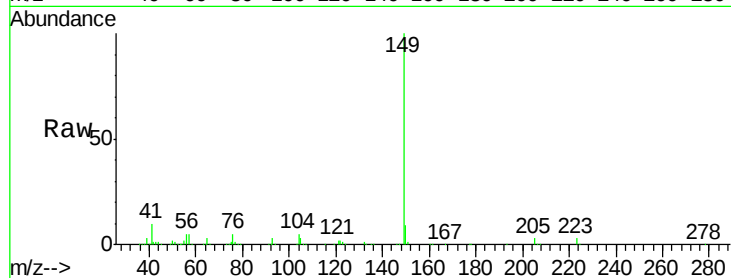
Tot Ion:149 Resp: 400111

Ion Ratio Lower Upper

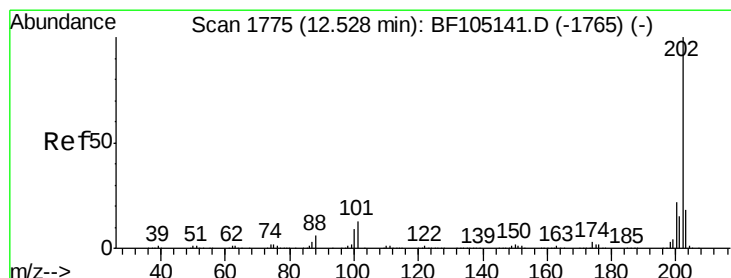
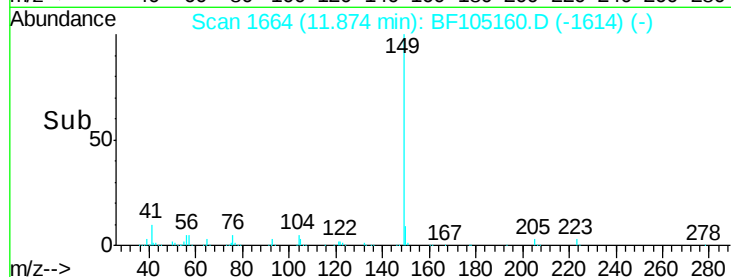
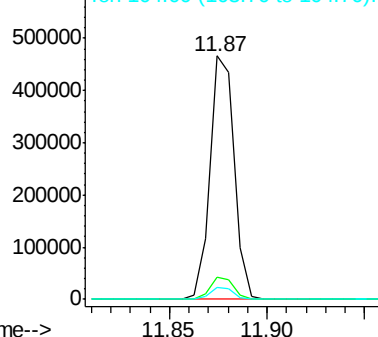
149 100

150 9.4 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: 9.09 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

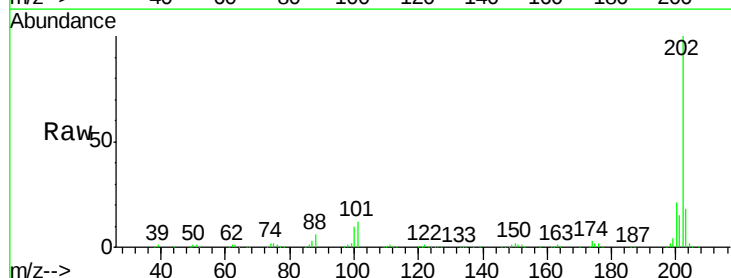
Tgt Ion:202 Resp: 408438

Ion Ratio Lower Upper

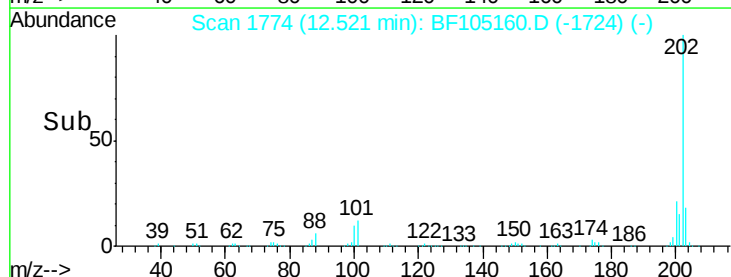
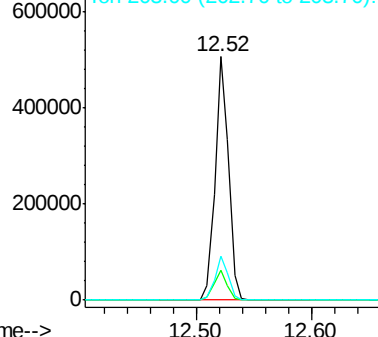
202 100

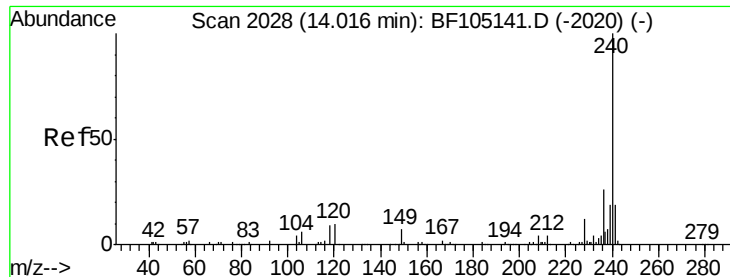
101 12.1 0.0 34.1

203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

Instrument :

BNA_F

ClientSampled :

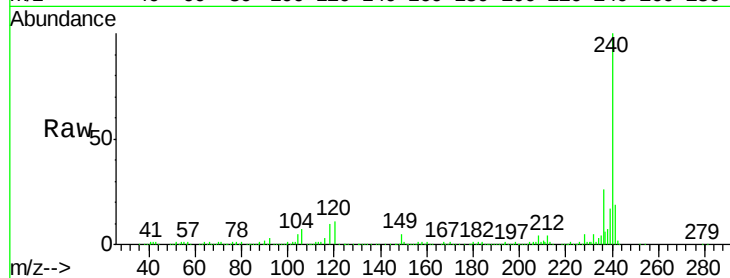
Tot Ion:240 Resp: 694865

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

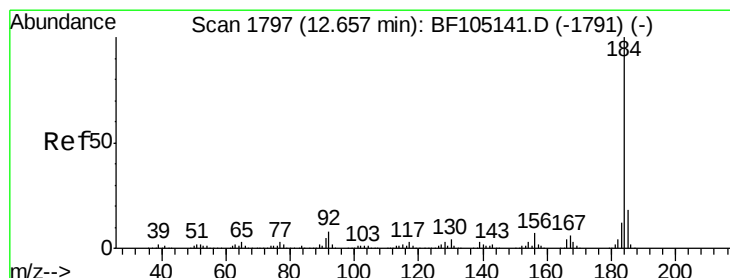
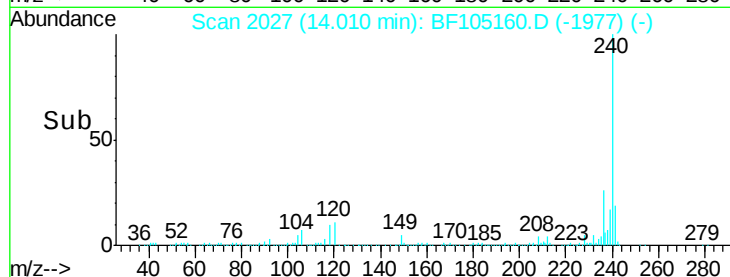
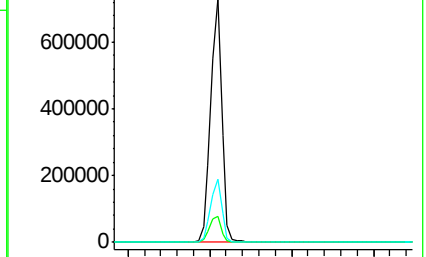
236 26.1 20.7 31.1



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: 3.19 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF105160.D

Acq: 8 May 2018 22:32

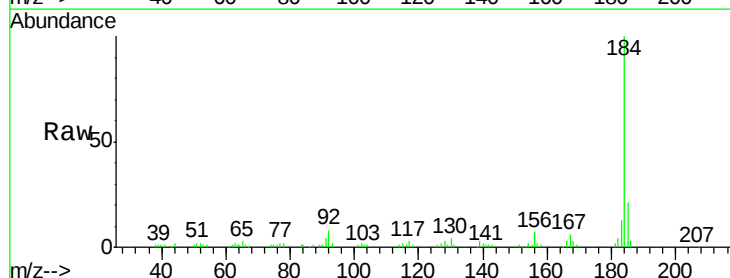
Tgt Ion:184 Resp: 82860

Ion Ratio Lower Upper

184 100

185 20.7 12.6 18.8#

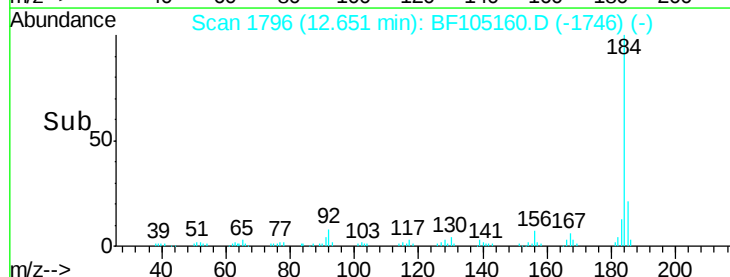
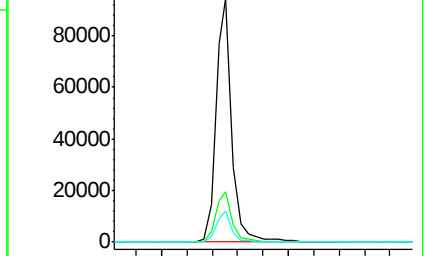
183 12.7 9.3 13.9

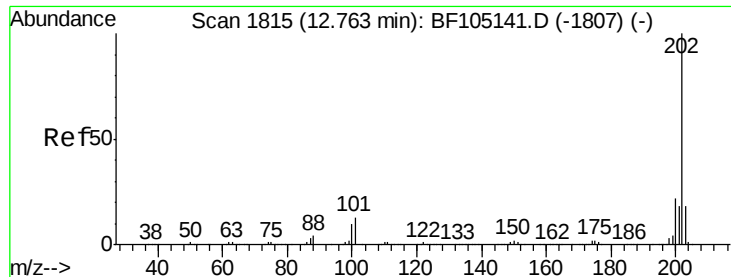


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

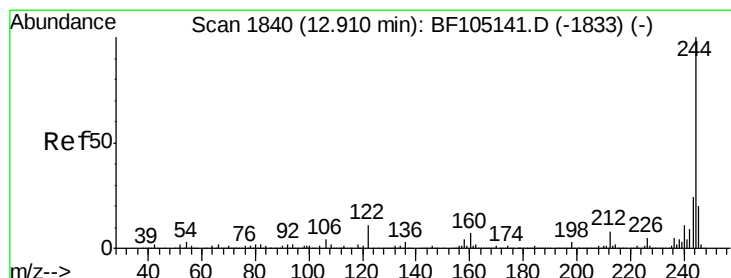
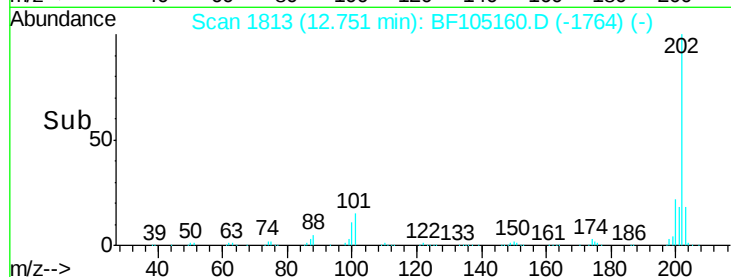
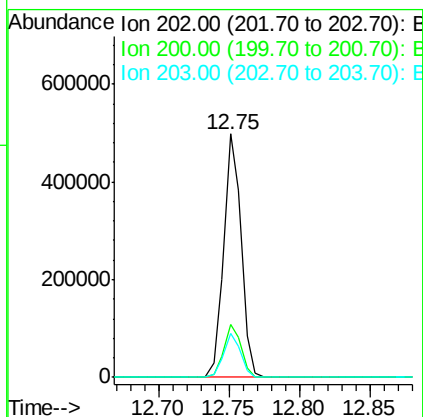
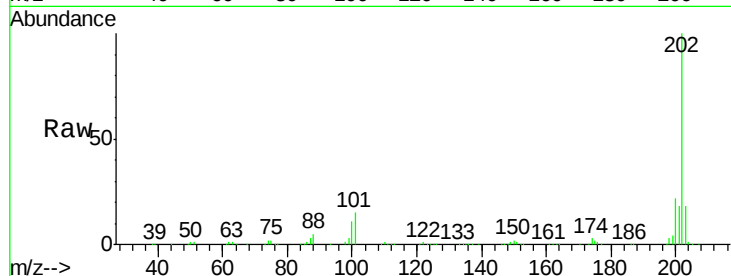




#77
Pvrene
Concen: 8.48 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

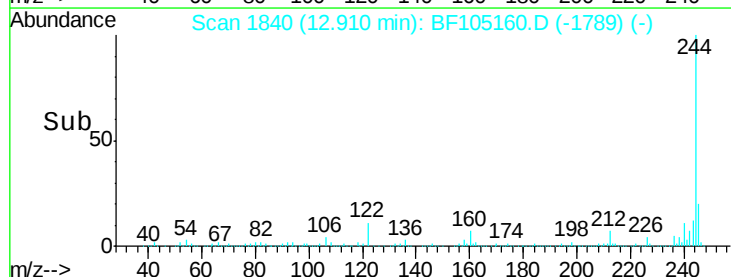
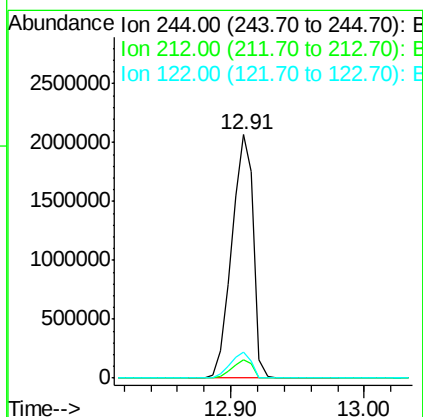
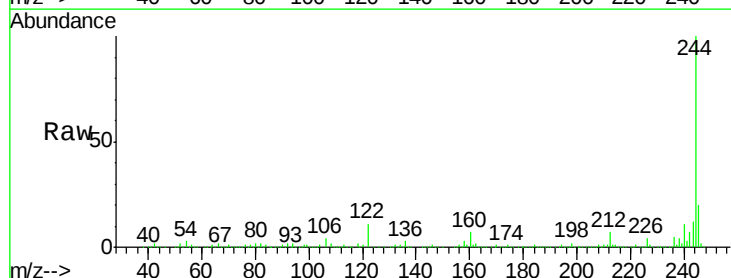
Instrument :
BNA_F
ClientSampleId :

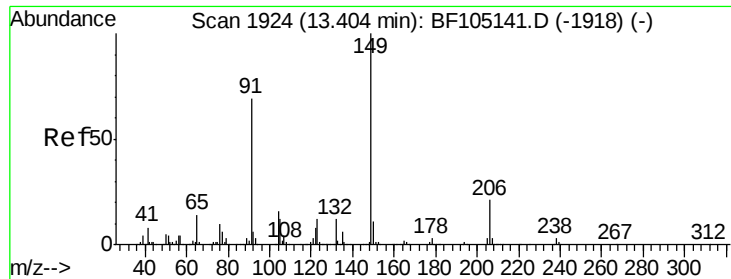
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5



#78
Terphenyl-d14
Concen: 78.15 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.6	11.0	16.4

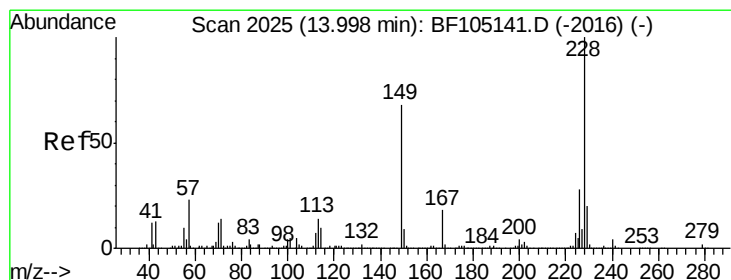
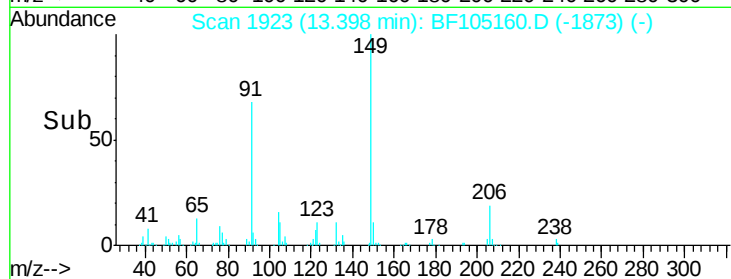
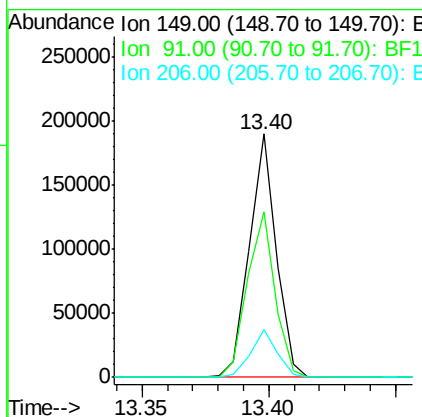
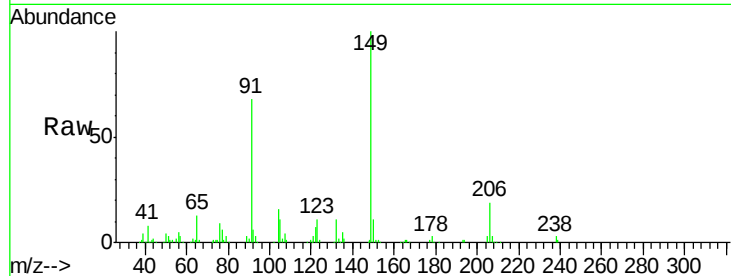




#79
Butylbenzylphthalate
Concen: 13.48 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

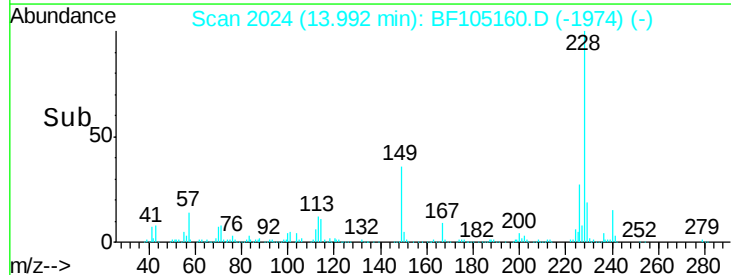
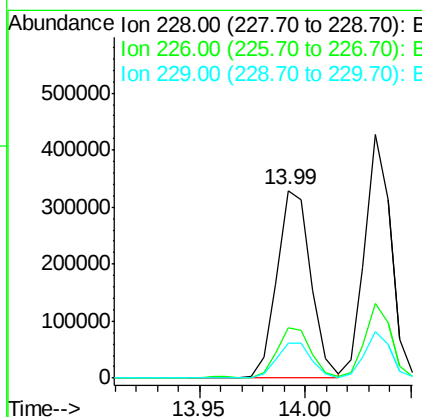
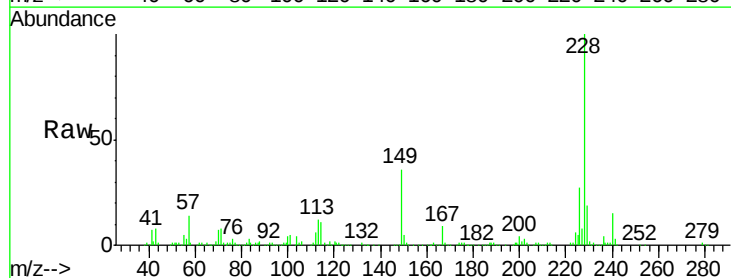
Instrument :
BNA_F
ClientSampleId :

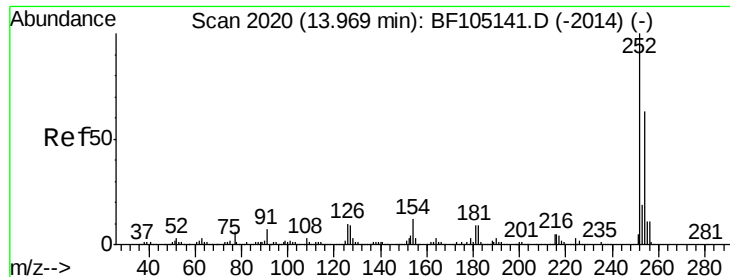
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	56.8	85.2
206	19.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 8.73 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	18.9	15.8	23.6

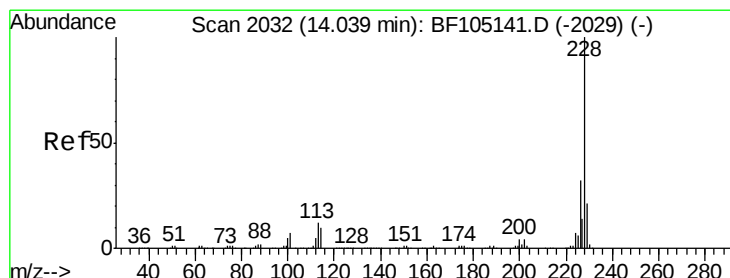
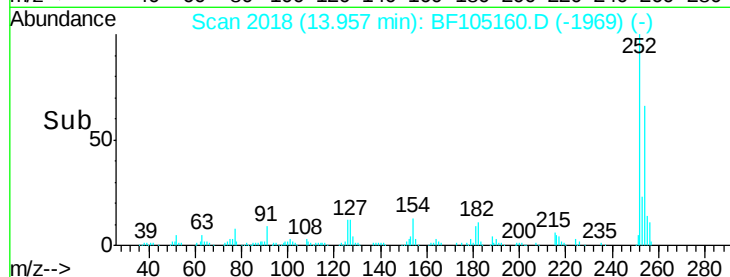
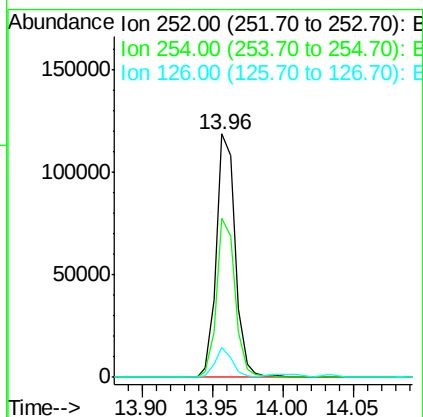
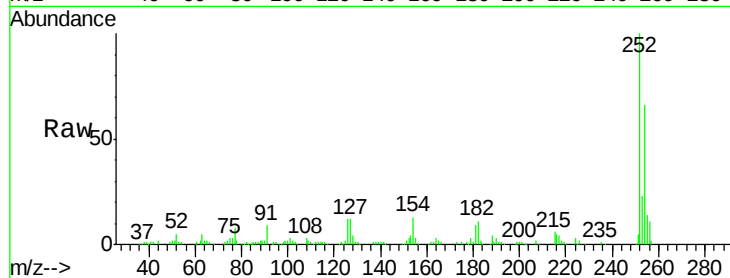




#81
 3,3'-Dichlorobenzidine
 Concen: 7.00 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

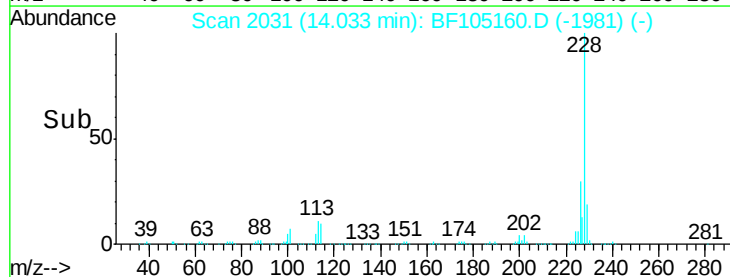
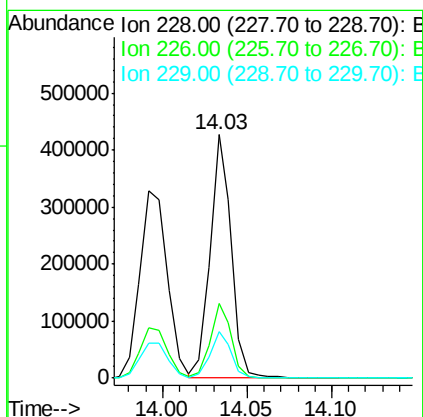
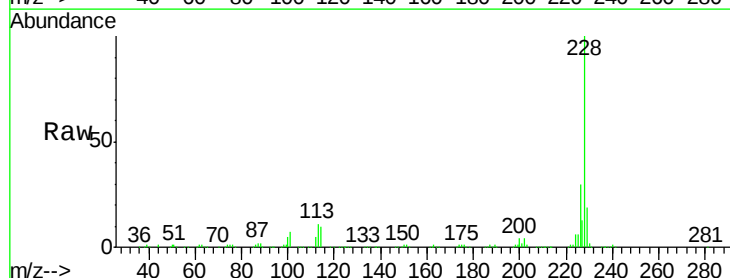
Instrument :
 BNA_F
 ClientSampleId :

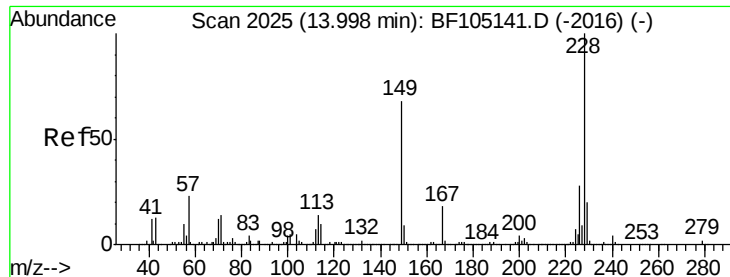
Tot Ion:252 Resp: 110973
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.4 75.6
 126 12.3 11.3 16.9



#82
 Chrysene
 Concen: 8.58 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion:228 Resp: 372567
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.3 16.2 24.4

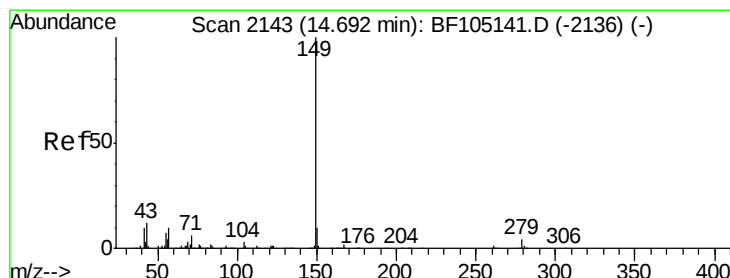
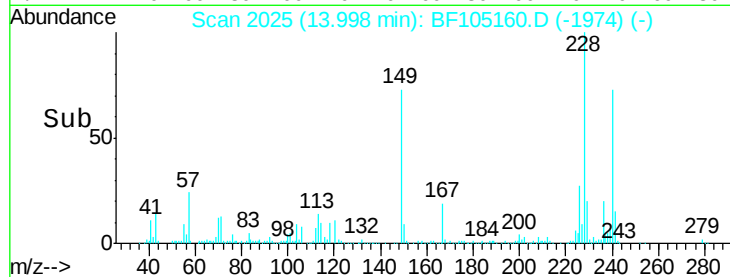
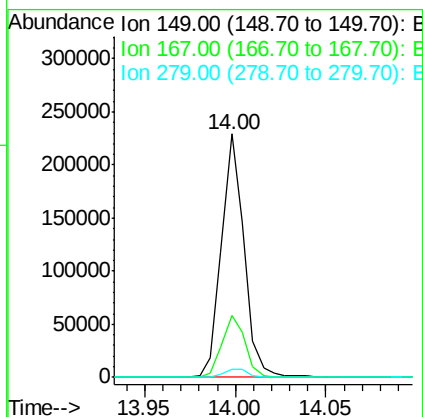
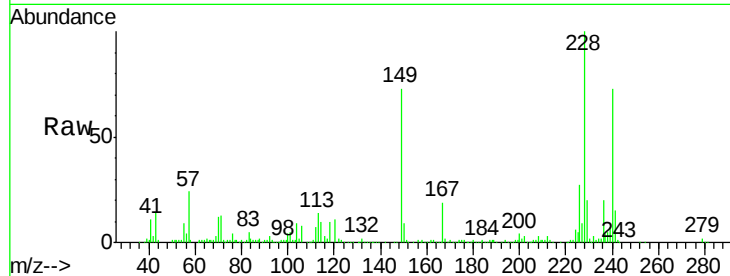




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.55 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

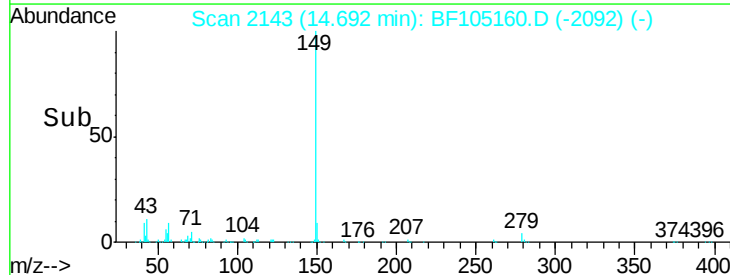
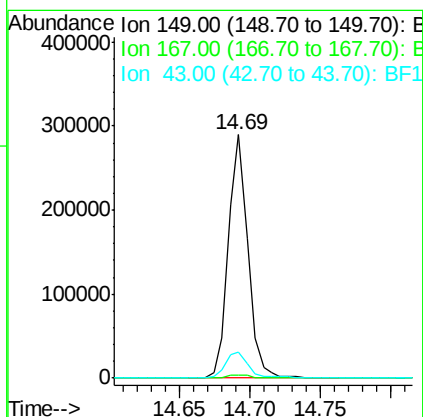
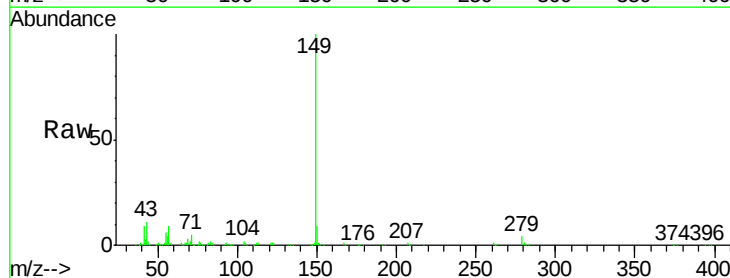
Instrument :
 BNA_F
 ClientSampleId :

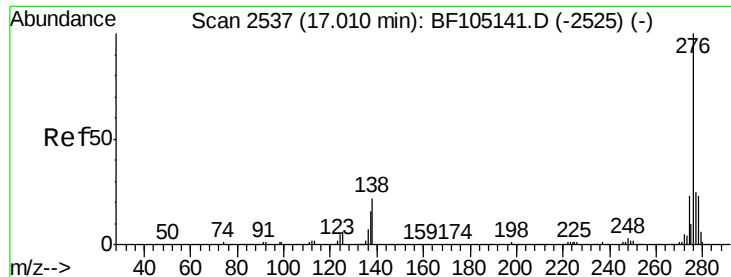
Tot Ion:149 Resp: 199480
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 12.83 ng
 RT: 14.69 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Tgt Ion:149 Resp: 279296
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.8 8.4 12.6#

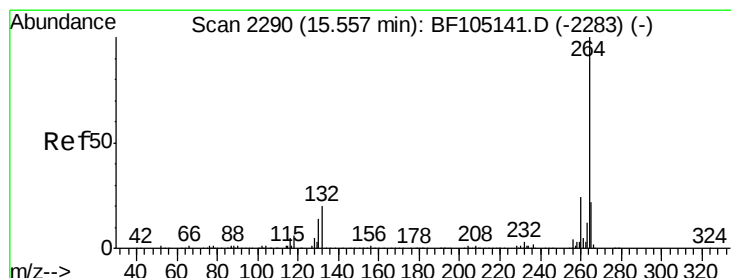
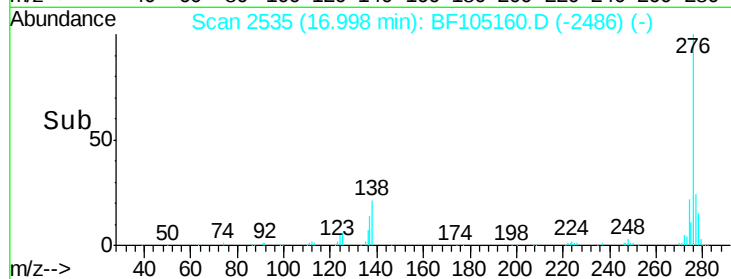
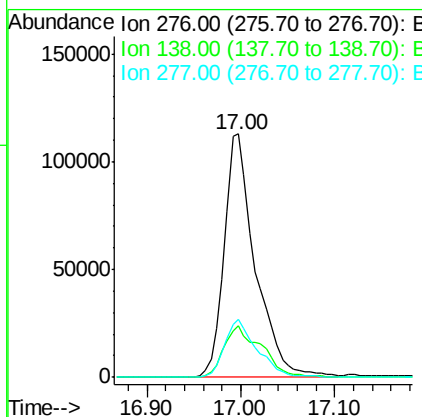
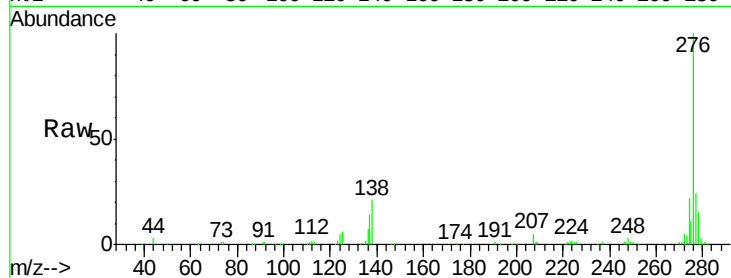




#85
Indeno(1,2,3-cd)pyrene
Concen: 7.55 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

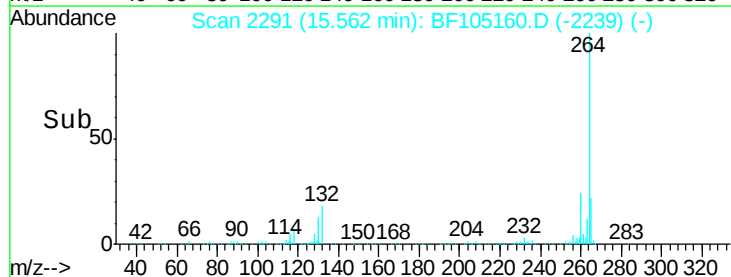
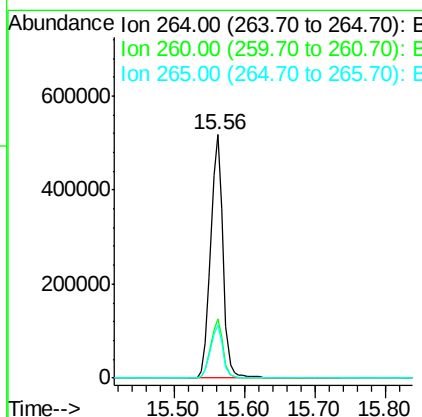
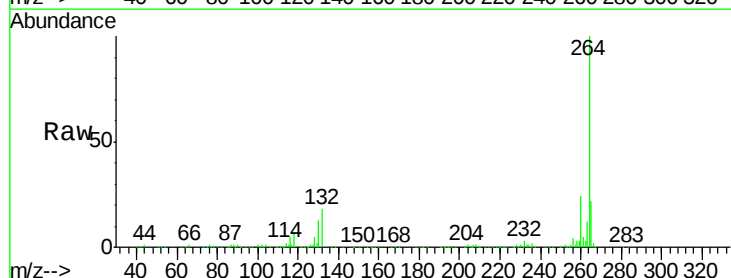
Instrument :
BNA_F
ClientSampleId :

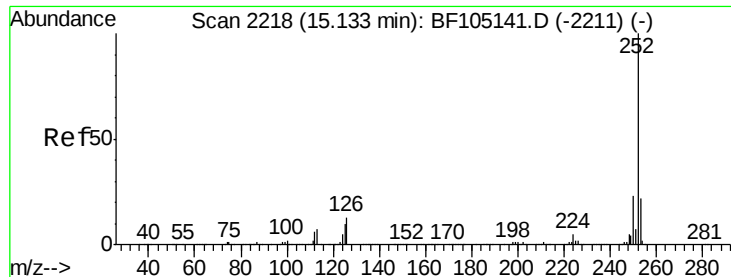
Tot Ion:276 Resp: 259787
Ion Ratio Lower Upper
276 100
138 25.7 25.0 37.6
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion:264 Resp: 636169
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.7 17.5 26.3

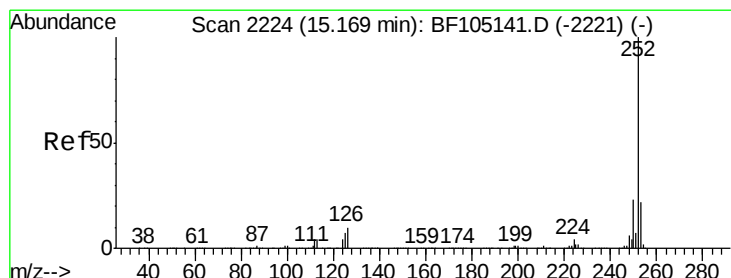
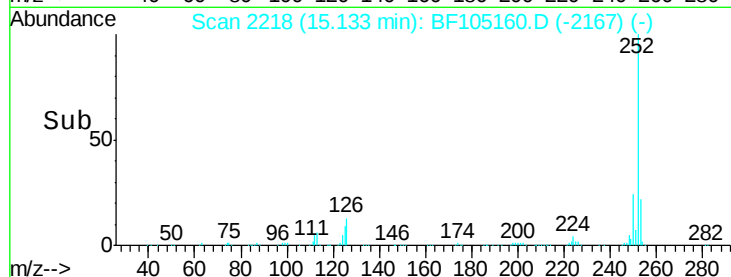
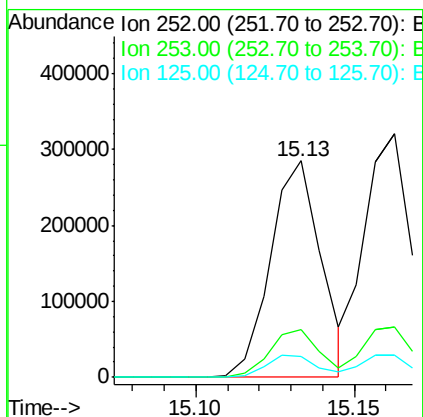
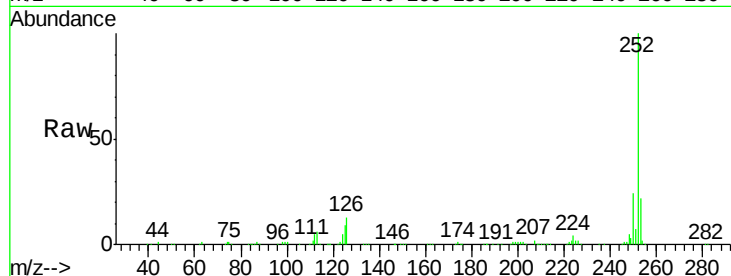




#87
Benzo(b)fluoranthene
Concen: 8.16 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

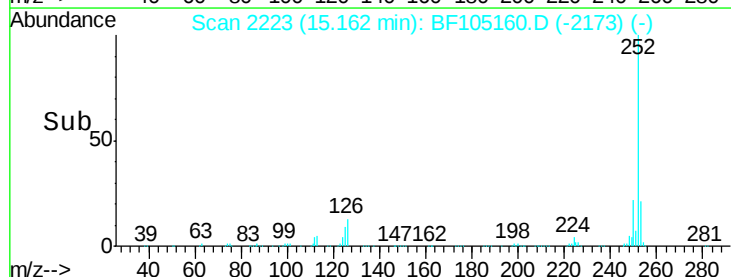
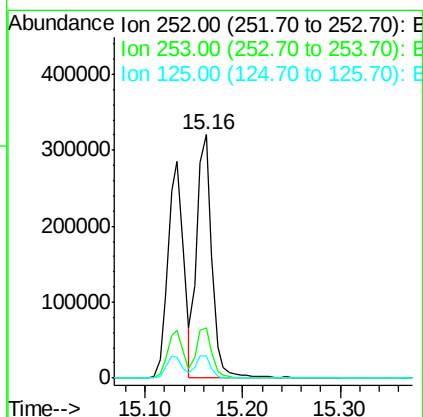
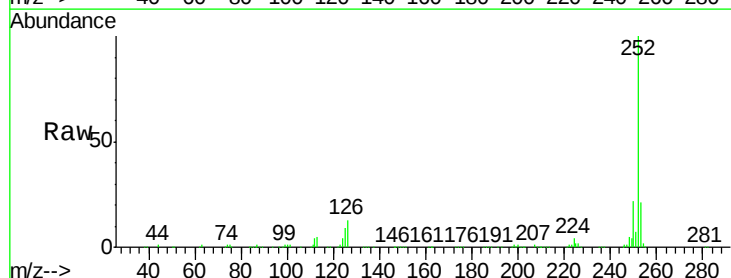
Instrument :
BNA_F
ClientSampleId :

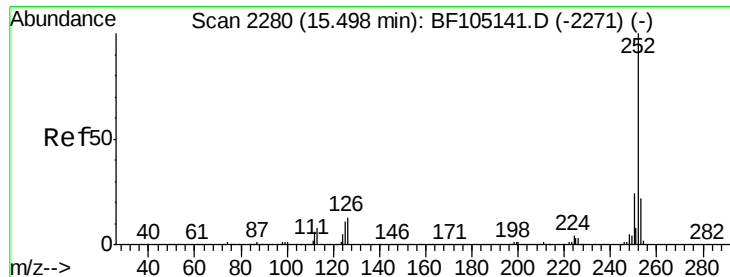
Tot Ion:252 Resp: 317494
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 9.11 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion:252 Resp: 343799
Ion Ratio Lower Upper
252 100
253 20.9 17.9 26.9
125 9.2 10.2 15.2#

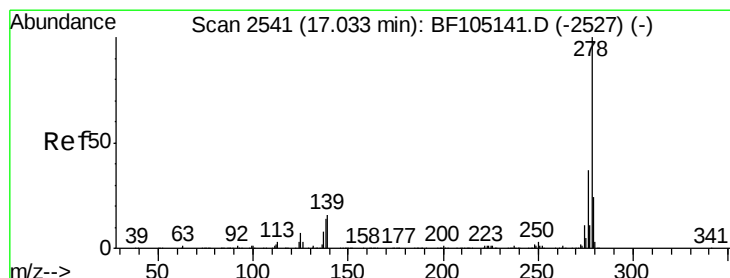
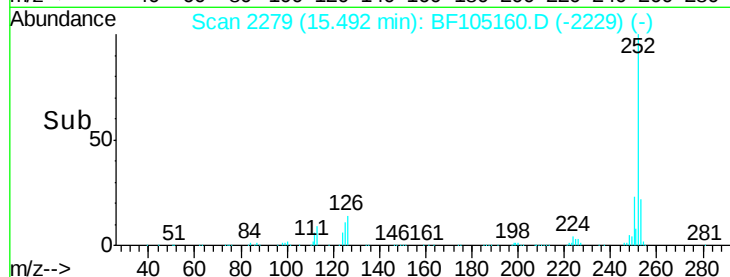
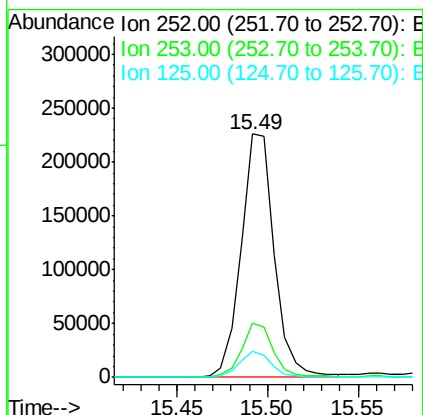
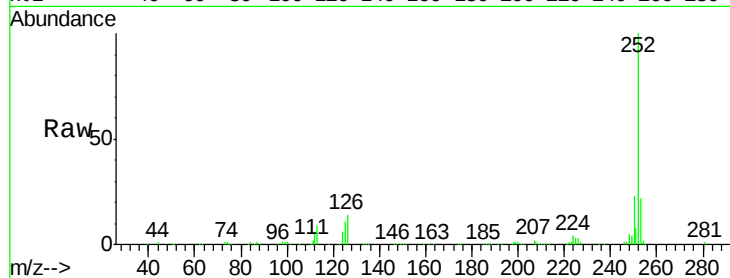




#89
Benzo(a)pyrene
Concen: 8.13 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

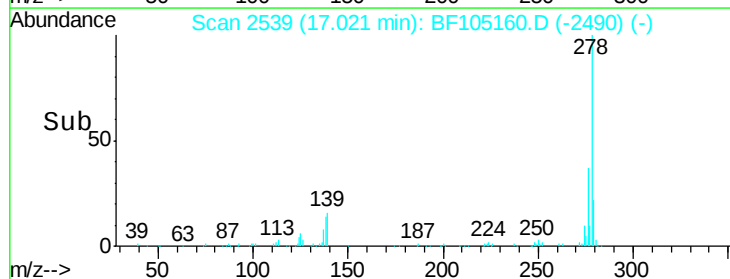
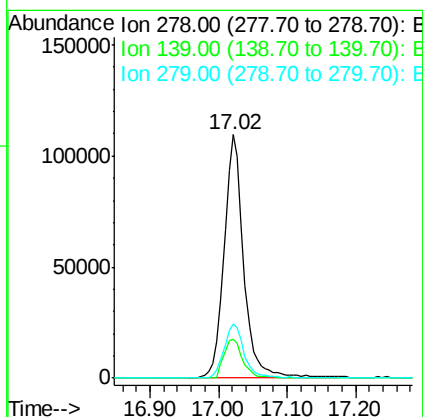
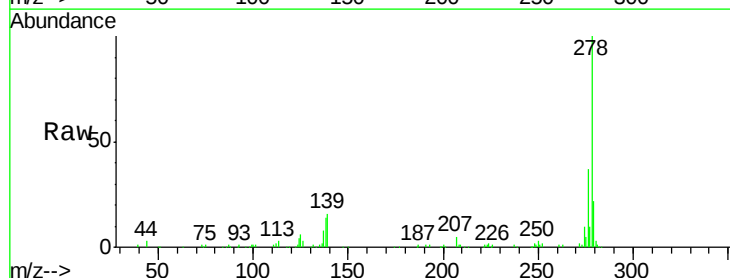
Instrument :
BNA_F
ClientSampleId :

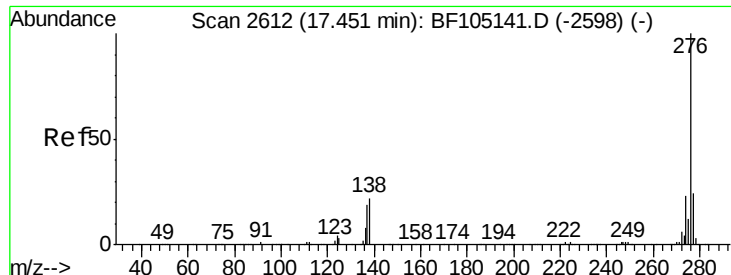
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.8	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 7.98 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF105160.D
Acq: 8 May 2018 22:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.9	23.9#
279	22.4	19.0	28.4

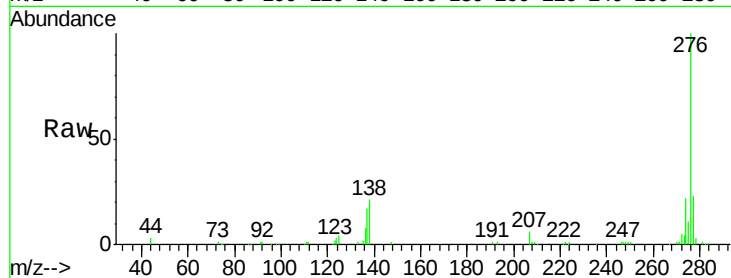




#91
 Benzo(a,h,i)perylene
 Concen: 7.85 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BF105160.D
 Acq: 8 May 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	20.5	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

