

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105159.D
 Acq On : 8 May 2018 22:05
 Operator : JU/SJ
 Sample : J2133-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:32:30 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	200907	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	798116	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	392976	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	774420	20.00	ng	0.00
75) Chrysene-d12	14.00	240	666629	20.00	ng	-0.01
86) Perylene-d12	15.54	264	589877	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1552461	127.30	ng	0.00
7) Phenol-d6	6.42	99	1842744	126.90	ng	0.00
23) Nitrobenzene-d5	7.36	82	1115618	94.73	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	603441	139.18	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2018461	79.72	ng	0.00
78) Terphenyl-d14	12.91	244	2254077	78.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	33702	5.23	ng	96
3) Pyridine	3.30	79	82258	4.76	ng	# 87
4) n-Nitrosodimethylamine	3.18	42	37991	4.33	ng	# 90
6) Aniline	6.46	93	108606	5.12	ng	97
8) 2-Chlorophenol	6.57	128	71228	5.51	ng	97
9) Benzaldehyde	6.35	77	33199	2.98	ng	93
10) Phenol	6.43	94	81200	5.02	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	71077	5.34	ng	91
12) 1,3-Dichlorobenzene	6.73	146	88874	5.70	ng	98
13) 1,4-Dichlorobenzene	6.81	146	88904	5.70	ng	96
14) 1,2-Dichlorobenzene	6.96	146	82935	5.77	ng	98
15) Benzyl Alcohol	6.93	79	76307	6.87	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	130790	5.28	ng	98
17) 2-Methylphenol	7.03	107	60430	5.41	ng	97
18) Hexachloroethane	7.30	117	27926	5.57	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	54092	5.63	ng	89
20) 3+4-Methylphenols	7.19	107	81002	6.17	ng	94
22) Acetophenone	7.20	105	114066	6.13	ng	# 96
24) Nitrobenzene	7.37	77	81640	6.11	ng	100
25) Isophorone	7.60	82	133158	5.06	ng	95
26) 2-Nitrophenol	7.69	139	25669	13.74	ng	92
27) 2,4-Dimethylphenol	7.72	122	53392	4.56	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	84072	5.17	ng	97
29) 2,4-Dichlorophenol	7.92	162	57660	5.27	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	74520	5.90	ng	99
31) Naphthalene	8.09	128	225641	5.87	ng	99
32) Benzoic acid	7.77	122	28612	13.13	ng	94
33) 4-Chloroaniline	8.14	127	86074	5.39	ng	98
34) Hexachlorobutadiene	8.21	225	43206	5.91	ng	99
35) Caprolactam	8.47	113	16089	4.84	ng	# 57
36) 4-Chloro-3-methylphenol	8.61	107	58646	5.14	ng	94
37) 2-Methylnaphthalene	8.78	142	154206	5.76	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	76120	6.09	ng	97
40) Hexachlorocyclopentadiene	8.93	237	31880	4.71	ng	98

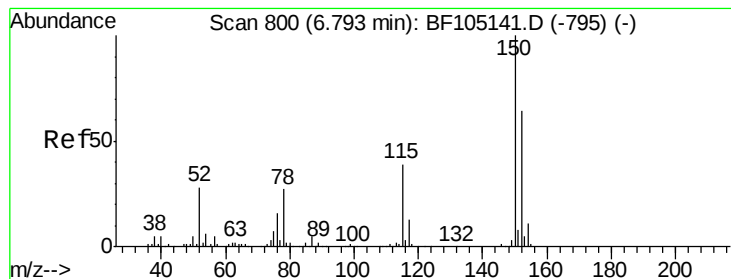
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105159.D
 Acq On : 8 May 2018 22:05
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	40967	5.37	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	45318	5.68	nq	89
45) 1,1'-Biphenyl	9.25	154	208523	6.51	nq	99
46) 2-Chloronaphthalene	9.27	162	146525	6.12	nq	98
47) 2-Nitroaniline	9.36	65	33496	10.07	nq	86
48) Acenaphthylene	9.69	152	225770	6.11	nq	99
49) Dimethylphthalate	9.55	163	164724	6.19	nq	100
50) 2,6-Dinitrotoluene	9.60	165	32715	5.67	nq	96
51) Acenaphthene	9.86	154	145068	6.09	nq	97
52) 3-Nitroaniline	9.77	138	33735	5.55	nq	89
53) 2,4-Dinitrophenol	9.87	184	5778	13.07	nq	# 25
54) Dibenzofuran	10.03	168	207288	5.95	nq	97
55) 4-Nitrophenol	9.92	139	21445	8.01	nq	90
56) 2,4-Dinitrotoluene	10.00	165	39232	8.34	nq	95
57) Fluorene	10.37	166	163457	6.40	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	36010	5.06	nq	# 88
59) Diethylphthalate	10.25	149	161781	6.19	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	79045	6.65	nq	# 88
61) 4-Nitroaniline	10.38	138	32460	5.36	nq	91
62) Azobenzene	10.53	77	155490	5.70	nq	95
64) 4,6-Dinitro-2-methylphenol	10.41	198	12308	13.10	nq	85
65) n-Nitrosodiphenylamine	10.49	169	138822	5.75	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	46777	5.66	nq	# 88
67) Hexachlorobenzene	10.92	284	57453	6.04	nq	# 86
68) Atrazine	11.00	200	28686	3.79	nq	96
69) Pentachlorophenol	11.11	266	26482	7.75	nq	99
70) Phenanthrene	11.33	178	245337	6.01	nq	97
71) Anthracene	11.39	178	240828	5.81	nq	98
72) Carbazole	11.54	167	221966	5.94	nq	98
73) Di-n-butylphthalate	11.87	149	229645	5.74	nq	98
74) Fluoranthene	12.52	202	250296	5.88	nq	97
77) Pyrene	12.75	202	259371	5.35	nq	99
79) Butylbenzylphthalate	13.39	149	76495	10.64	nq	100
80) Benzo(a)anthracene	13.99	228	222609	5.51	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	59885	3.94	nq	96
82) Chrysene	14.03	228	225691	5.42	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	114814	5.73	nq	99
84) Di-n-octyl phthalate	14.68	149	143263	10.09	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.98	276	150409	4.56	nq	94
87) Benzo(b)fluoranthene	15.12	252	185230	5.13	nq	98
88) Benzo(k)fluoranthene	15.14	252	207482	5.93	nq	# 94
89) Benzo(a)pyrene	15.48	252	168960	5.15	nq	96
90) Dibenzo(a,h)anthracene	17.00	278	126523	4.96	nq	96
91) Benzo(g,h,i)perylene	17.41	276	121047	4.85	nq	95

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

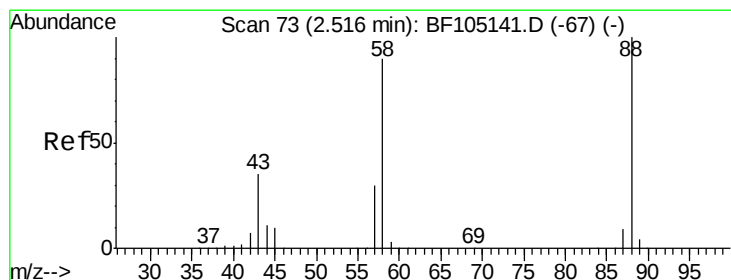
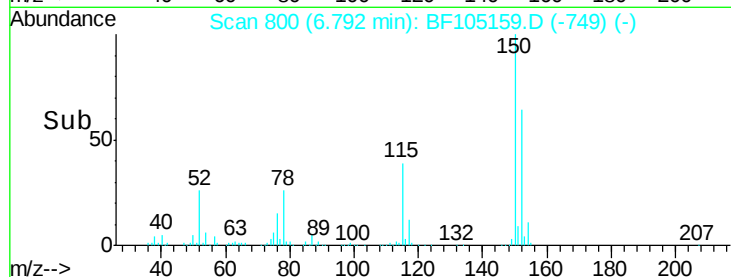
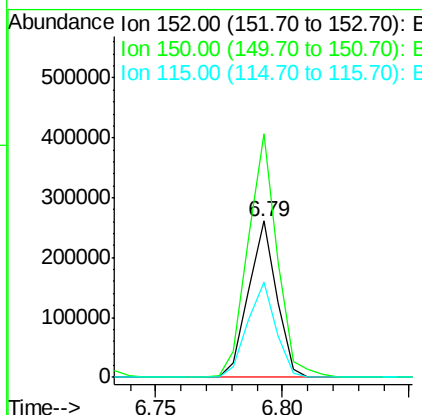
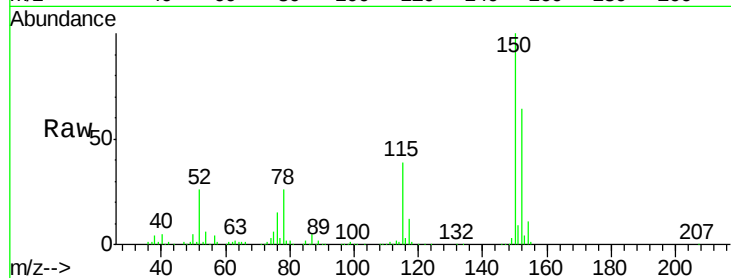


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Instrument :
BNA_F
ClientSampleId :

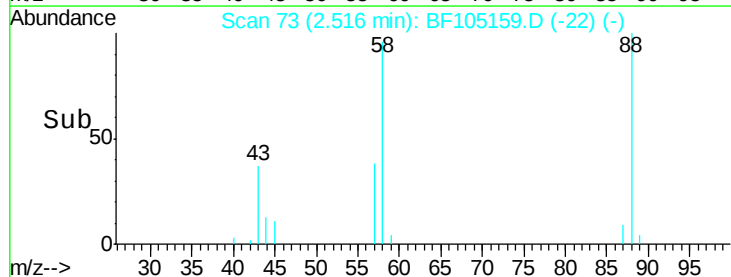
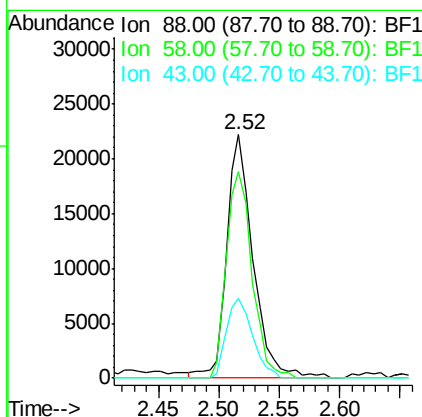
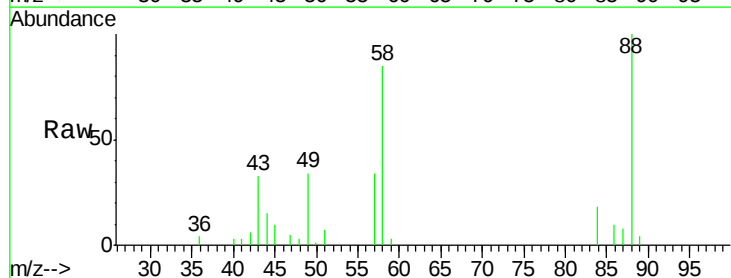
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	60.7	50.1	75.1

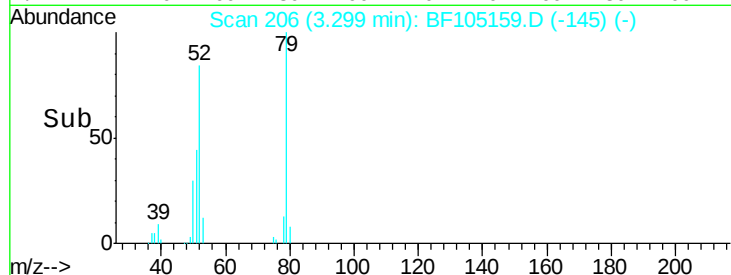
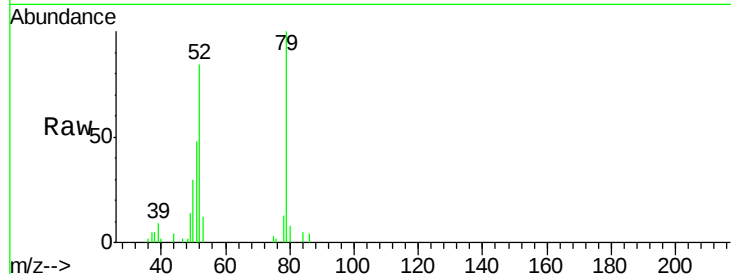
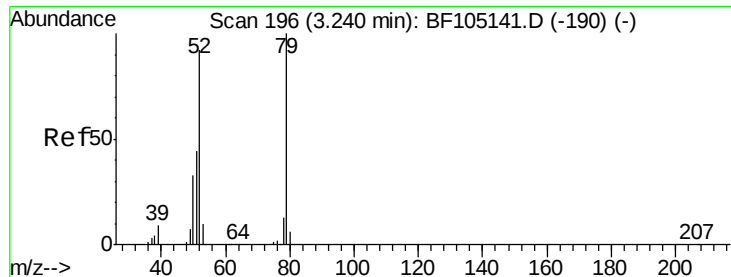


#2

1,4-Dioxane
Concen: 5.23 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	62.6	93.8
43	32.3	24.6	37.0

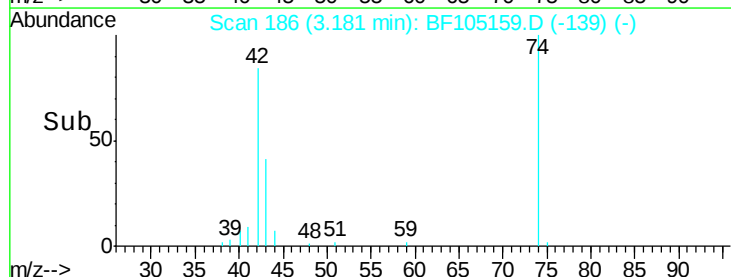
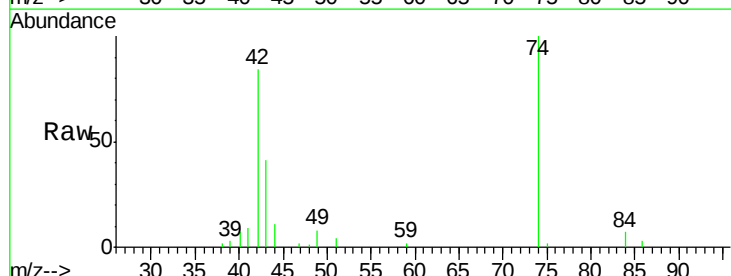
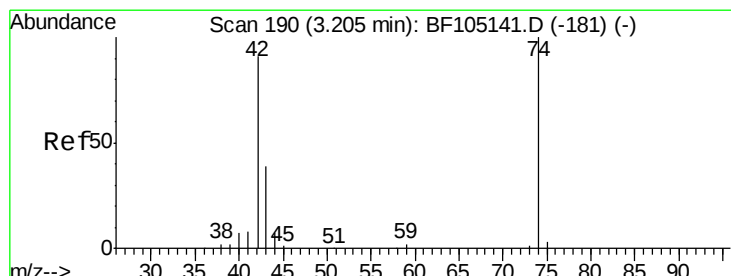
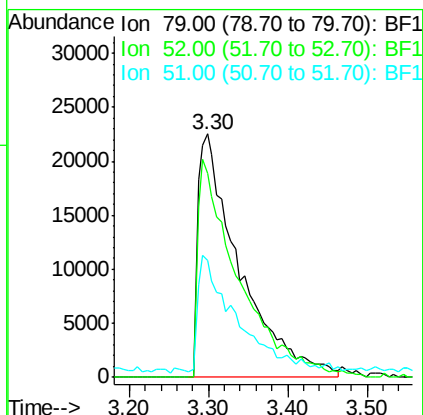




#3
Pvridine
Concen: 4.76 ng
RT: 3.30 min Scan# 206
Delta R.T. 0.06 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

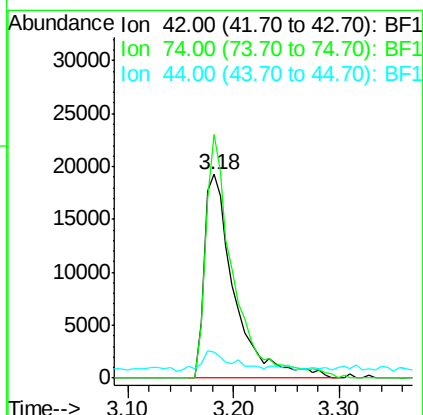
Instrument :
BNA_F
ClientSampleId :

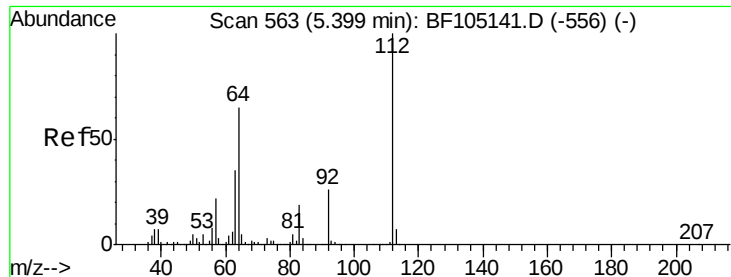
Tot Ion: 79 Resp: 82258
Ion Ratio Lower Upper
79 100
52 84.0 59.8 89.6
51 48.0 29.8 44.8#



#4
n-Nitrosodimethylamine
Concen: 4.33 ng
RT: 3.18 min Scan# 186
Delta R.T. -0.02 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion: 42 Resp: 37991
Ion Ratio Lower Upper
42 100
74 119.5 104.9 157.3
44 12.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 127.30 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

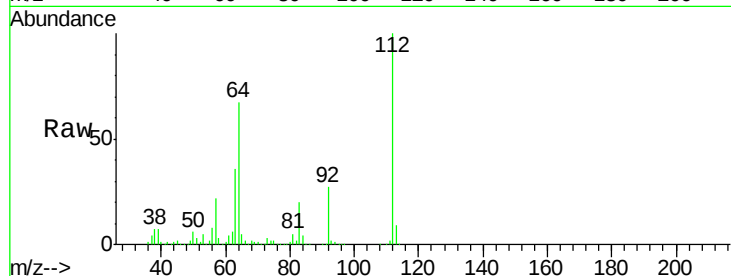
Tot Ion:112 Resp: 1552461

Ion Ratio Lower Upper

112 100

64 66.6 47.9 71.9

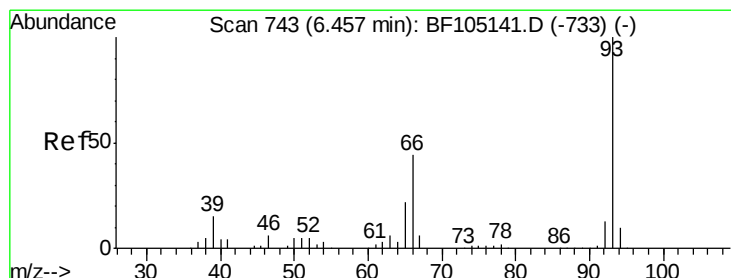
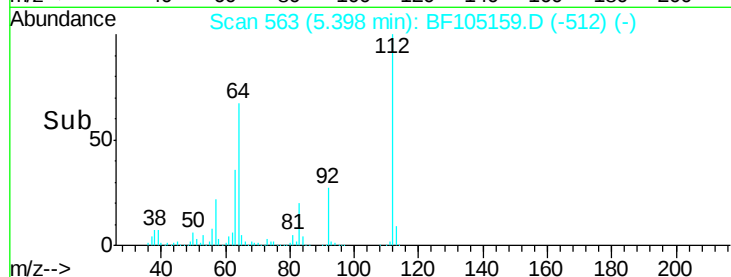
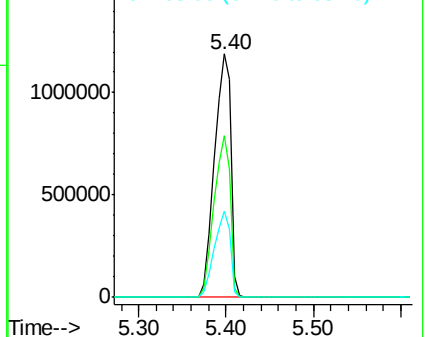
63 35.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.12 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

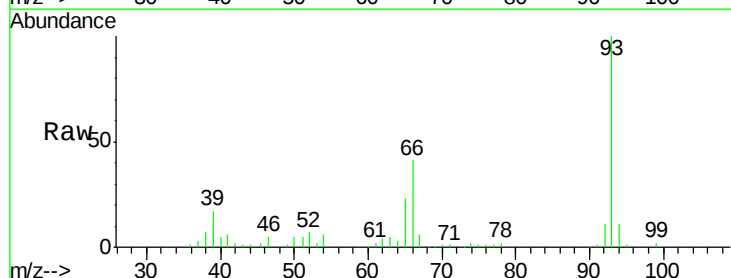
Tgt Ion: 93 Resp: 108606

Ion Ratio Lower Upper

93 100

66 40.8 32.2 48.2

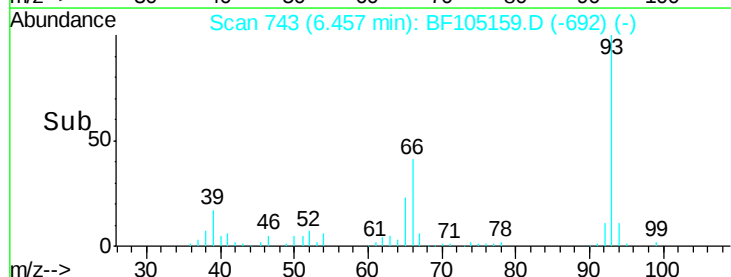
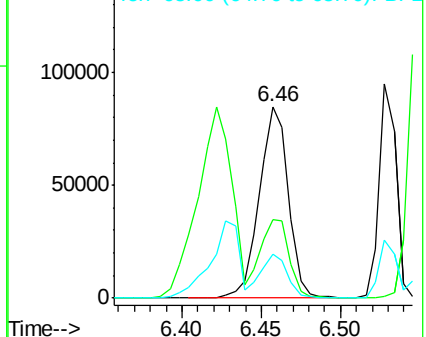
65 23.2 16.4 24.6

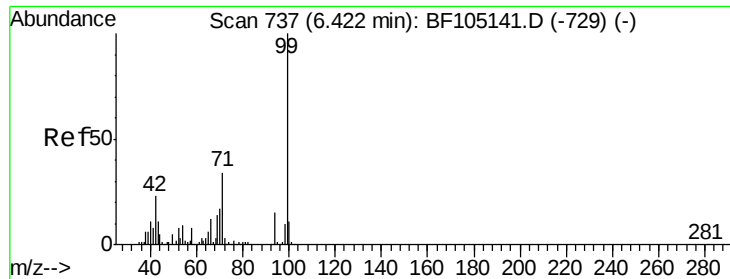


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.90 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

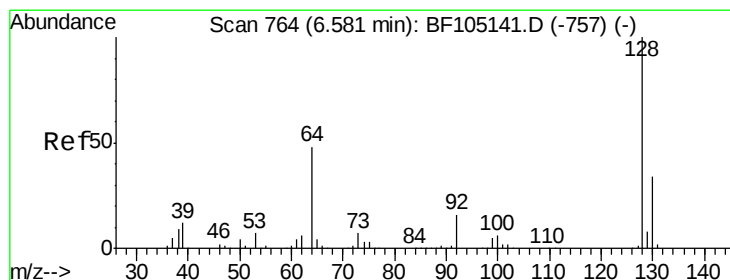
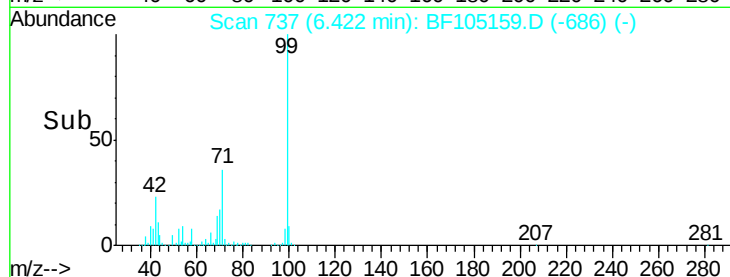
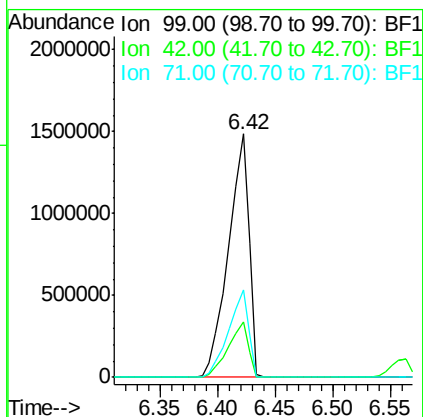
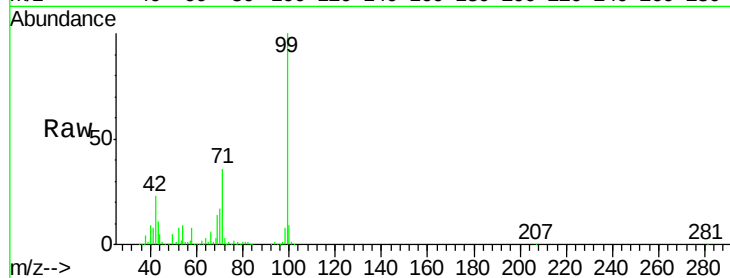
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1842744

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	36.1	25.4	38.0



#8

2-Chlorophenol

Concen: 5.51 ng

RT: 6.57 min Scan# 763

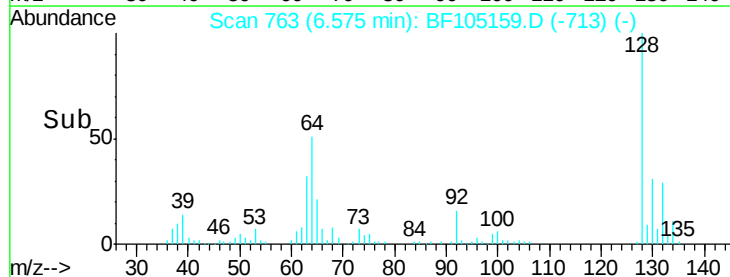
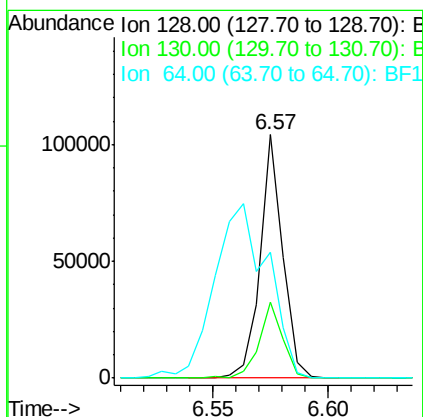
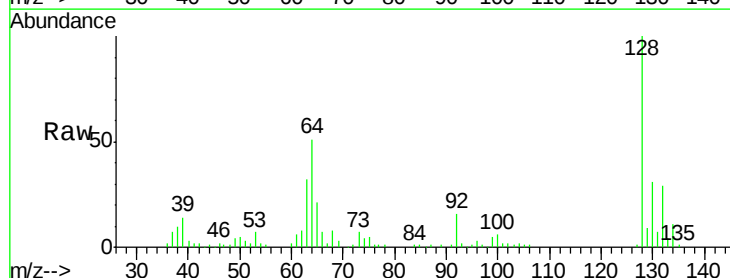
Delta R.T. -0.01 min

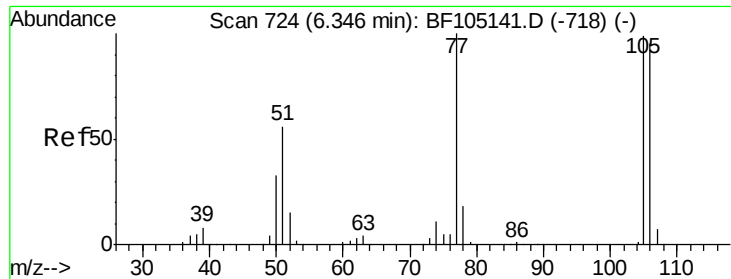
Lab File: BF105159.D

Acq: 8 May 2018 22:05

Tgt Ion: 128 Resp: 71228

Ion	Ratio	Lower	Upper
128	100		
130	31.4	13.0	53.0
64	51.5	29.4	69.4





#9

Benzaldehyde

Concen: 2.98 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampled :

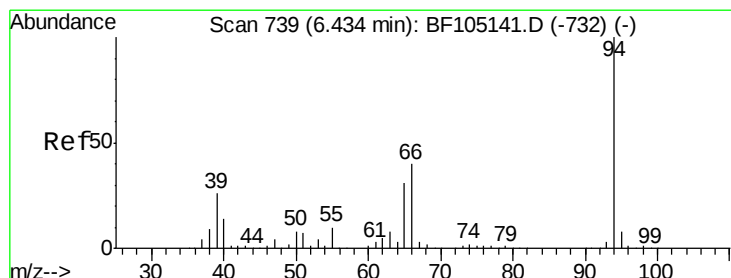
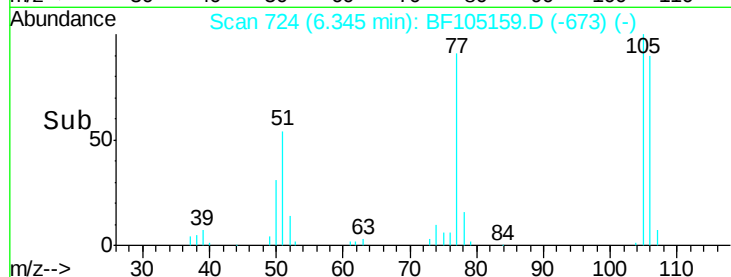
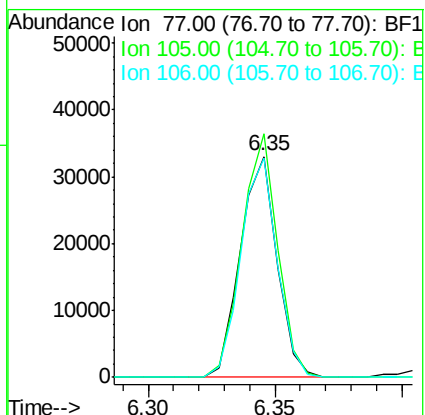
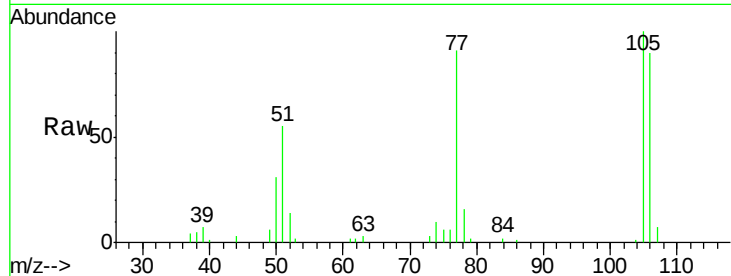
Tot Ion: 77 Resp: 33199

Ion Ratio Lower Upper

77 100

105 110.4 81.1 121.1

106 99.5 74.5 114.5



#10

Phenol

Concen: 5.02 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

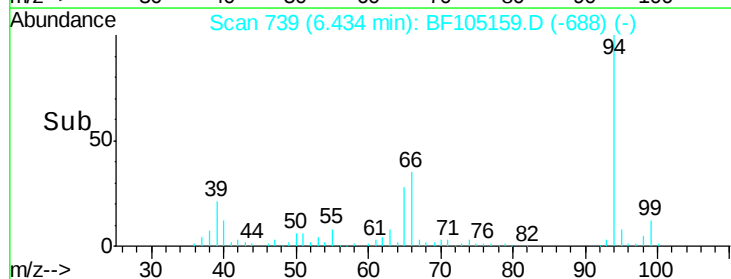
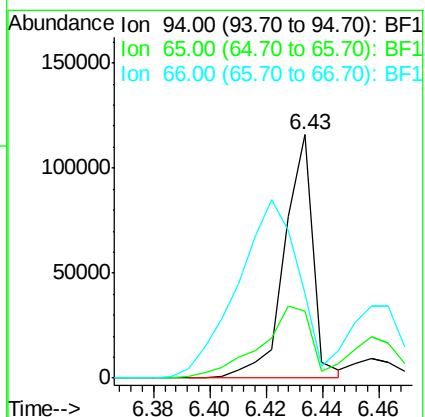
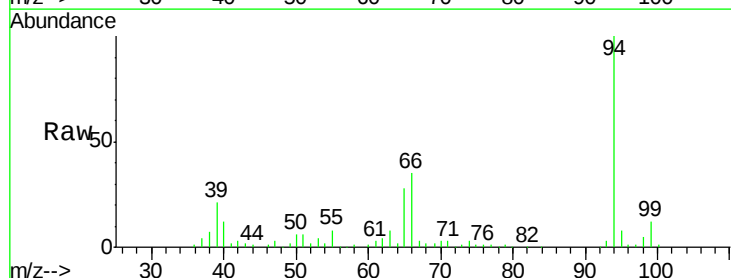
Tgt Ion: 94 Resp: 81200

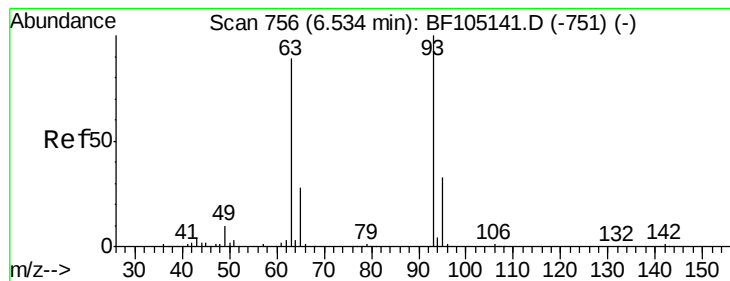
Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

66 34.9 16.2 56.2

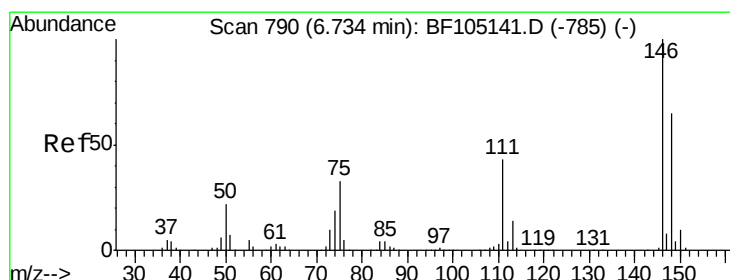
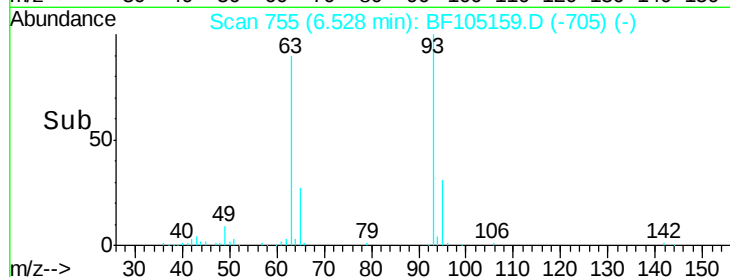
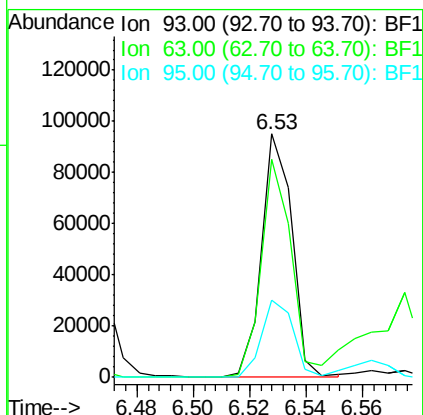
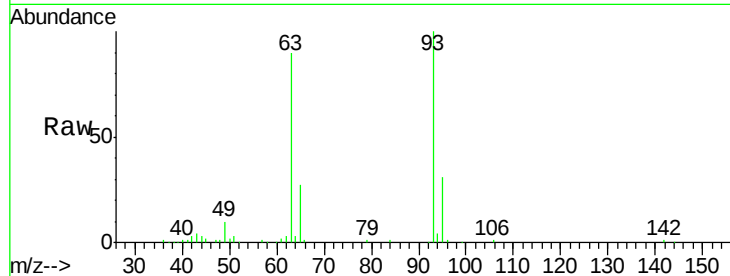




#11
 bis(2-Chloroethyl)ether
 Concen: 5.34 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

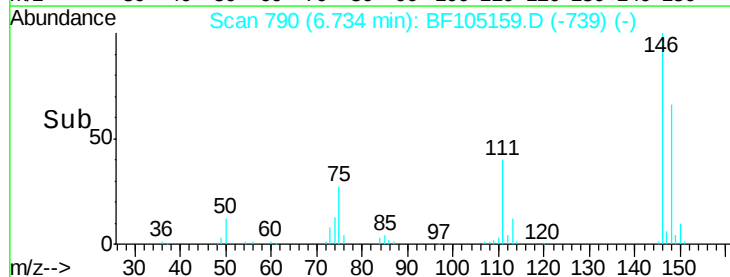
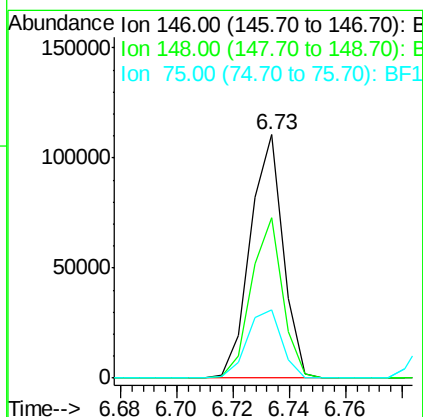
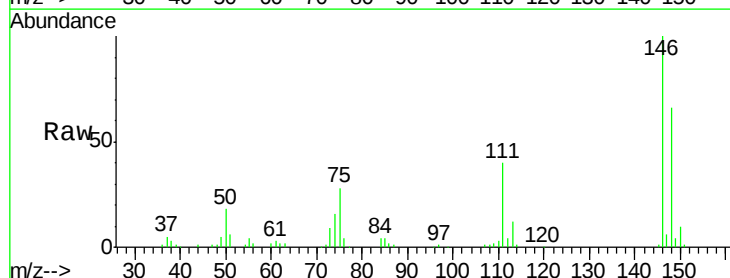
Instrument :
 BNA_F
 ClientSampleId :

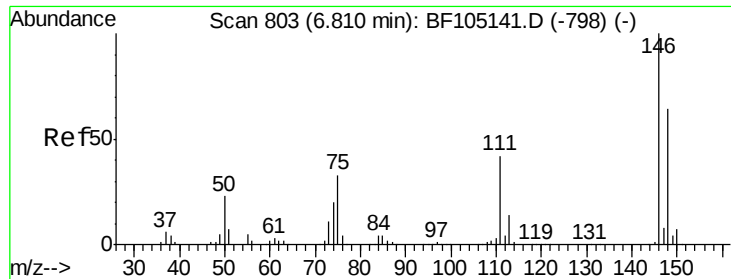
Tot Ion: 93 Resp: 71077
 Ion Ratio Lower Upper
 93 100
 63 89.7 58.6 98.6
 95 31.5 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 5.70 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Tgt Ion: 146 Resp: 88874
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.8 77.8
 75 28.2 24.2 36.4

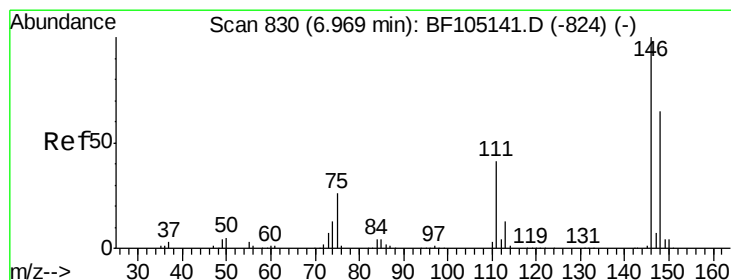
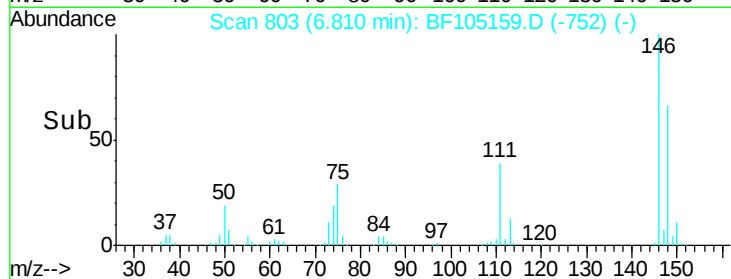
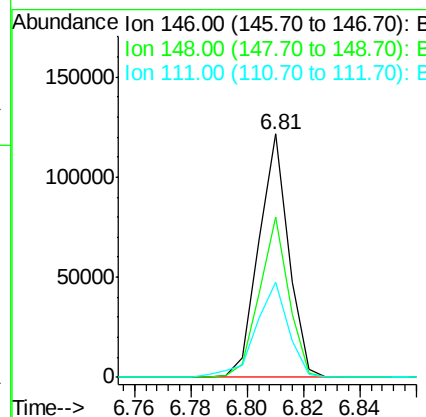
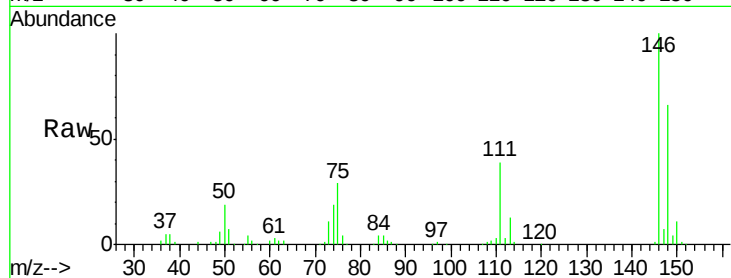




#13
 1,4-Dichlorobenzene
 Concen: 5.70 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

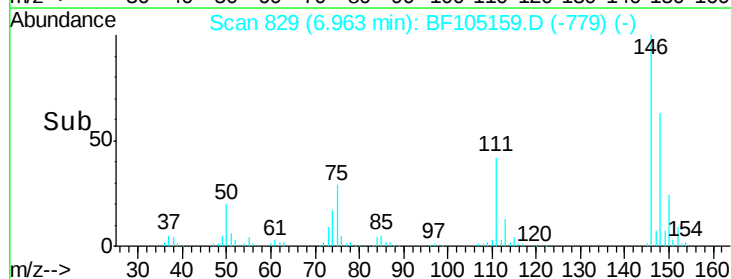
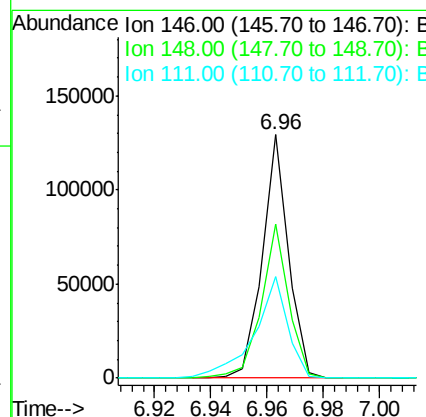
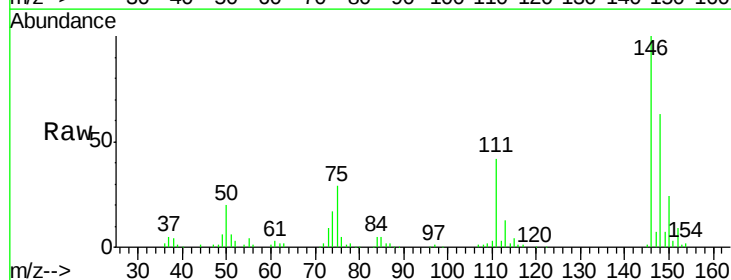
Instrument :
 BNA_F
 ClientSampleId :

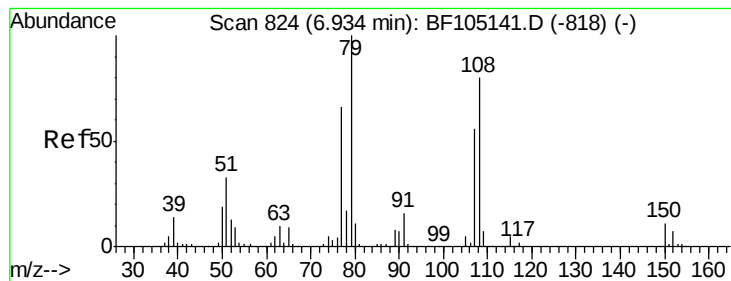
Tot Ion:146 Resp: 88904
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.8 76.2
 111 39.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 5.77 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Tgt Ion:146 Resp: 82935
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 42.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 6.87 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

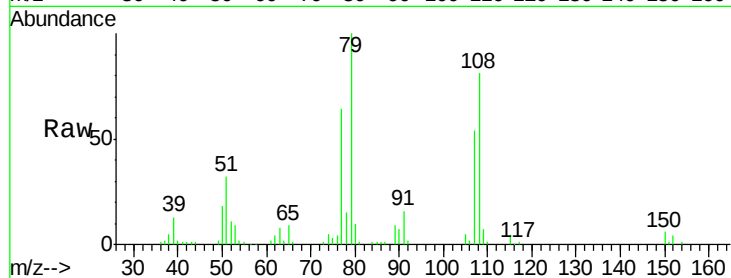
Tot Ion: 79 Resp: 76307

Ion Ratio Lower Upper

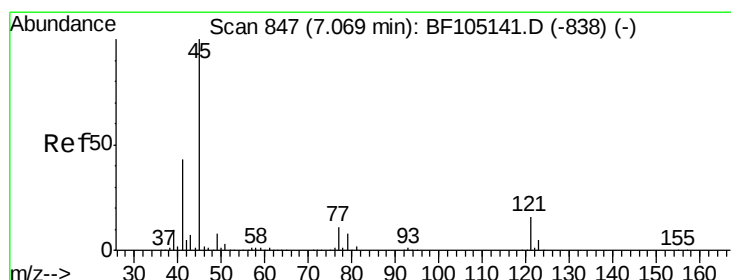
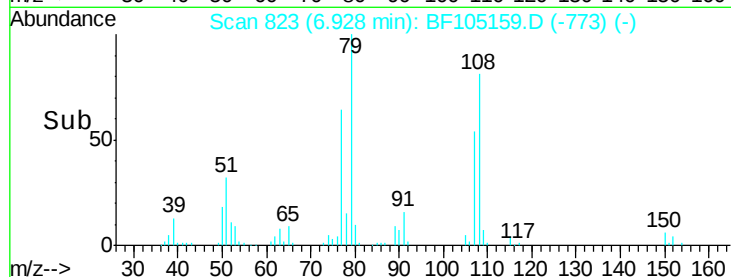
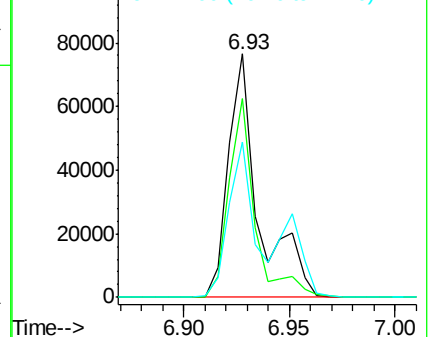
79 100

108 81.4 65.1 97.7

77 63.8 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: 5.28 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

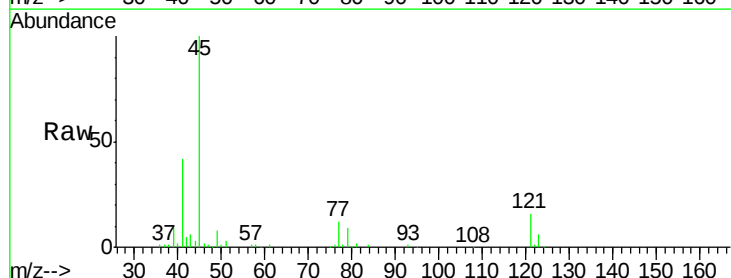
Tgt Ion: 45 Resp: 130790

Ion Ratio Lower Upper

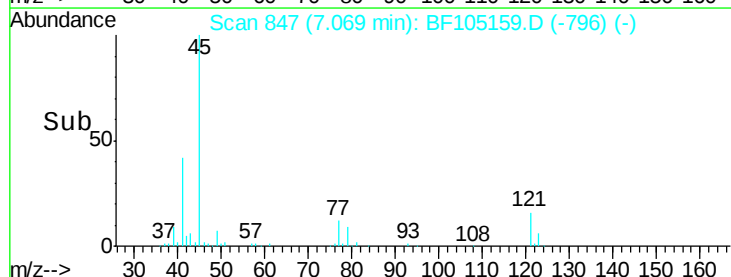
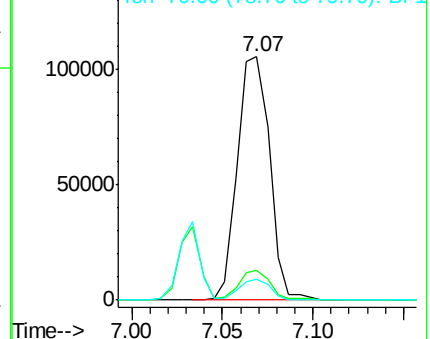
45 100

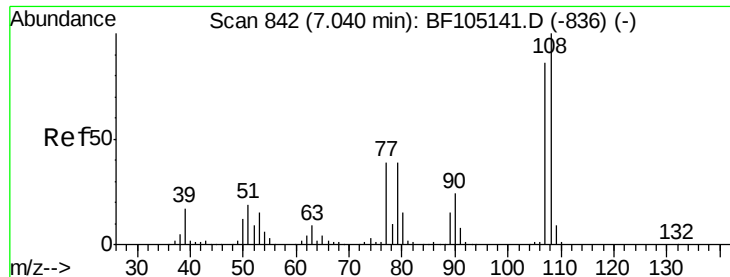
77 12.3 0.0 32.9

79 8.7 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

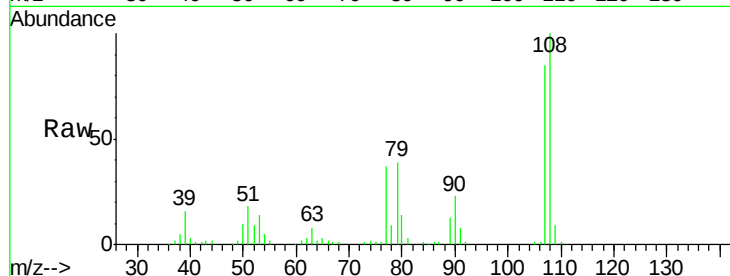




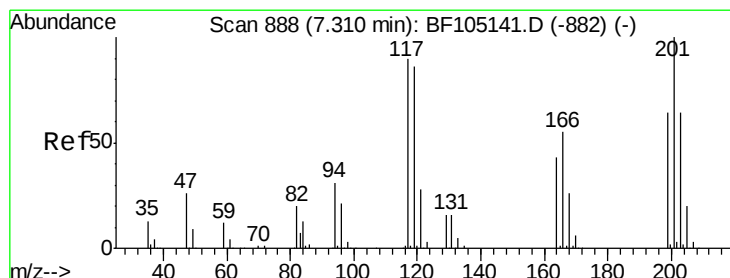
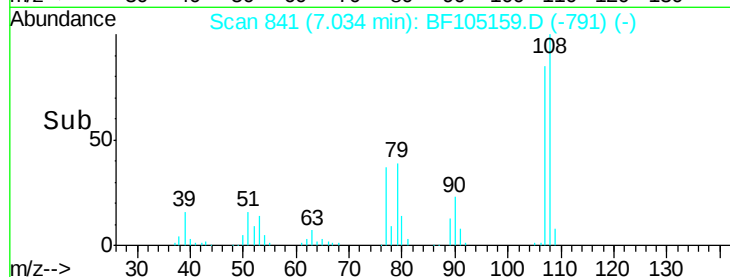
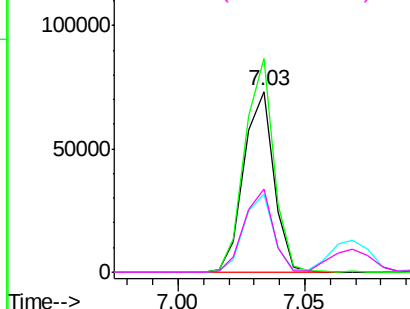
#17
2-Methylphenol
Concen: 5.41 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 60430
Ion Ratio Lower Upper
107 100
108 118.1 91.7 137.5
77 43.3 33.8 50.8
79 46.2 33.8 50.8

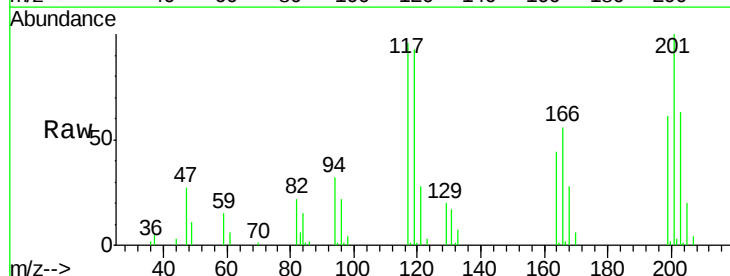


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

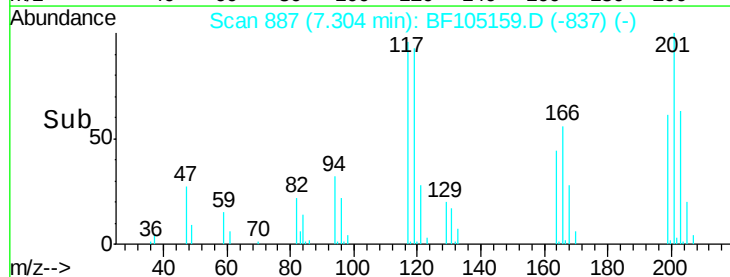
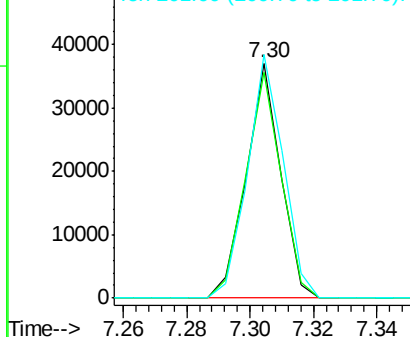


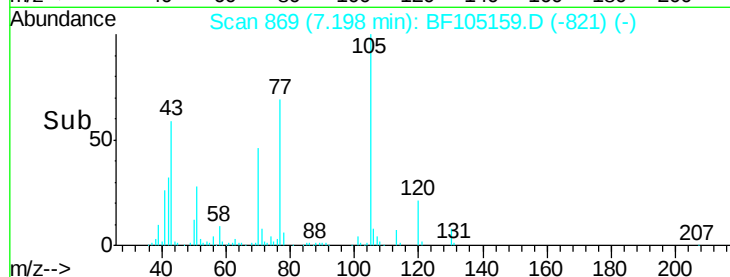
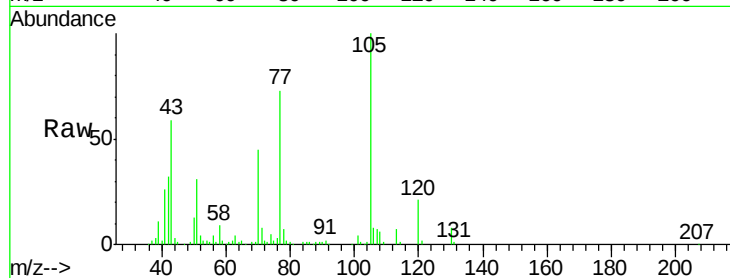
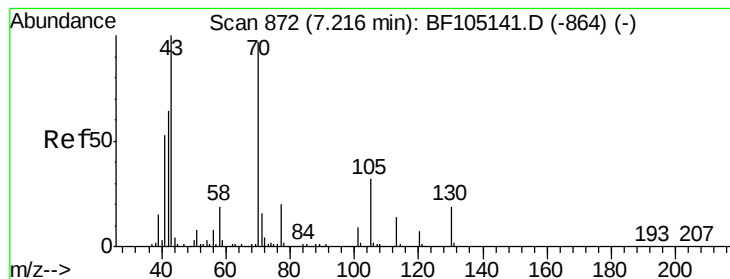
#18
Hexachloroethane
Concen: 5.57 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion:117 Resp: 27926
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 103.7 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 5.63 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 54092

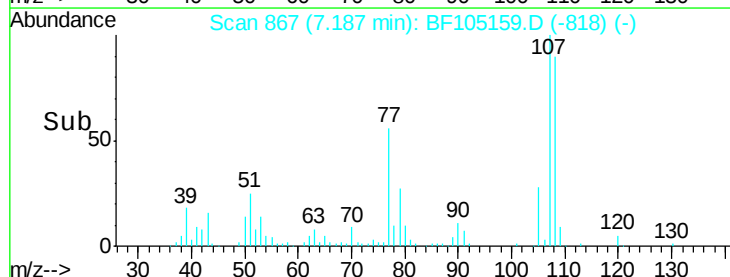
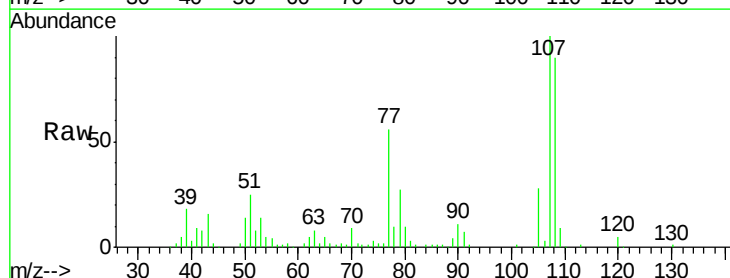
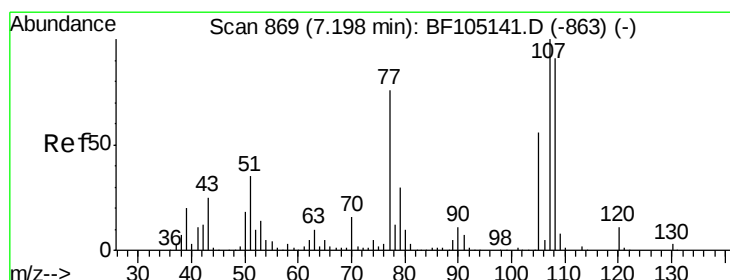
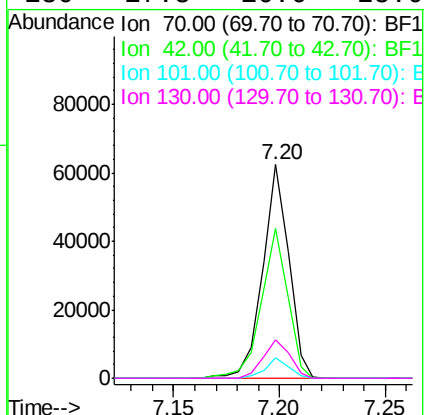
Ion Ratio Lower Upper

70 100

42 70.3 47.5 71.3

101 9.5 7.4 11.2

130 17.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 6.17 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Tgt Ion: 107 Resp: 81002

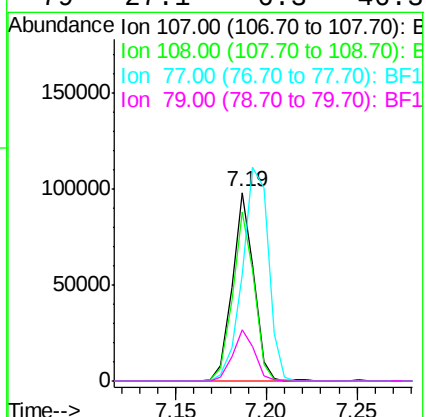
Ion Ratio Lower Upper

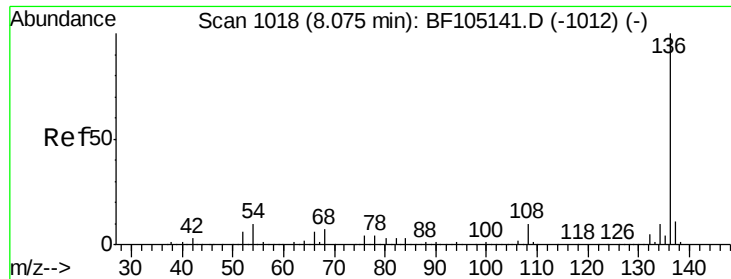
107 100

108 90.1 68.2 108.2

77 56.4 26.7 66.7

79 27.1 6.3 46.3

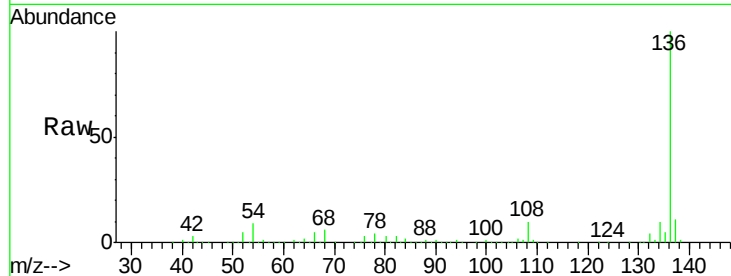




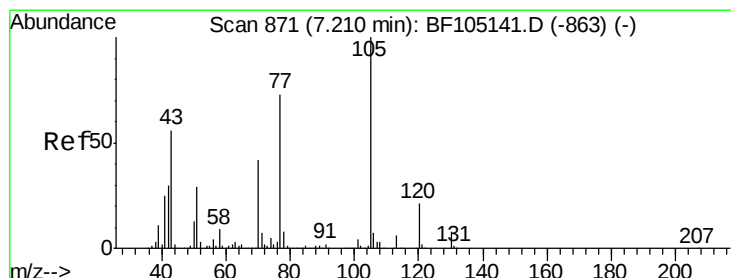
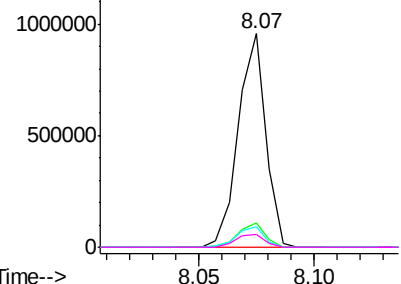
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	798116
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 9.4	6.6	9.8
68 6.2	5.0	7.4

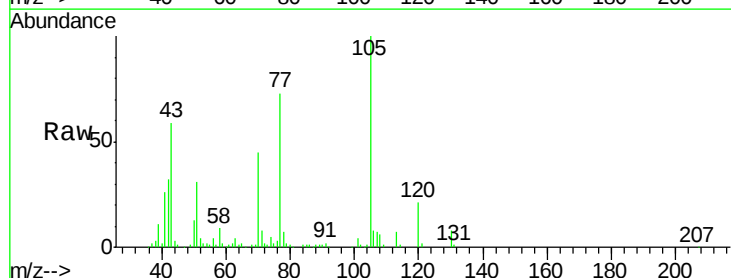


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

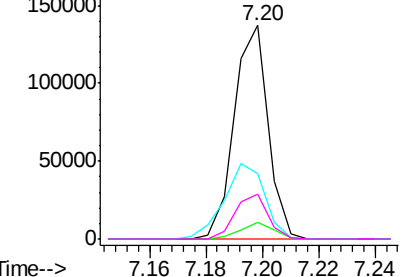


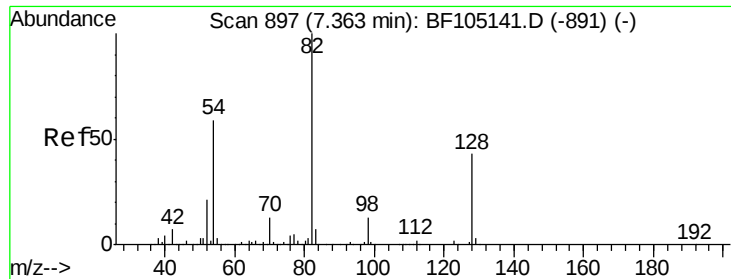
#22
Acetophenone
Concen: 6.13 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion:105	Resp:	114066
Ion Ratio	Lower	Upper
105 100		
71 7.7	4.4	6.6#
51 30.8	22.3	33.5
120 20.8	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

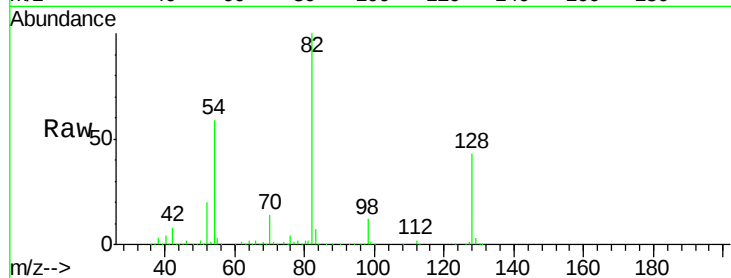




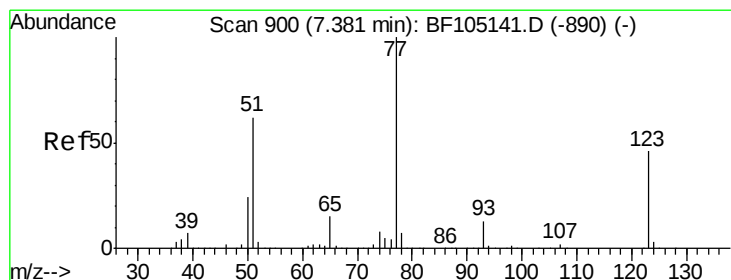
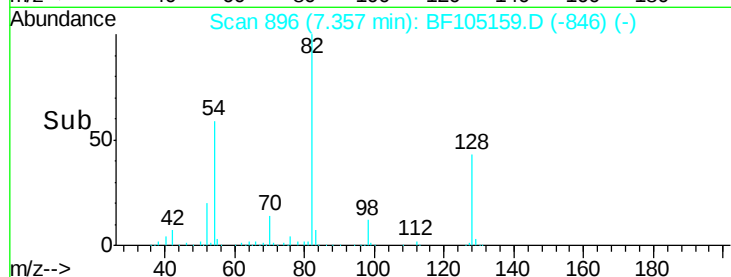
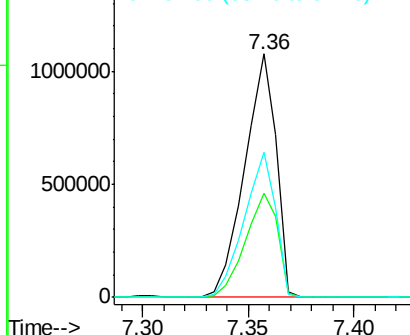
#23
Nitrobenzene-d5
Concen: 94.73 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 1115618
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 59.3 41.4 62.2

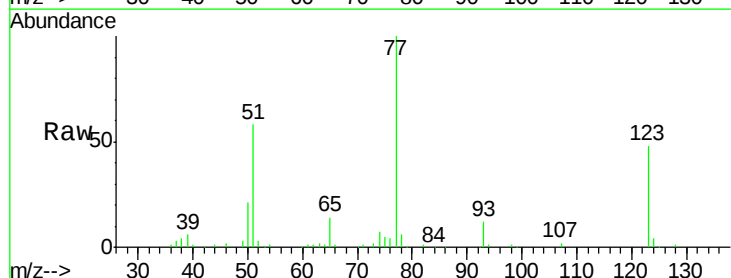


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

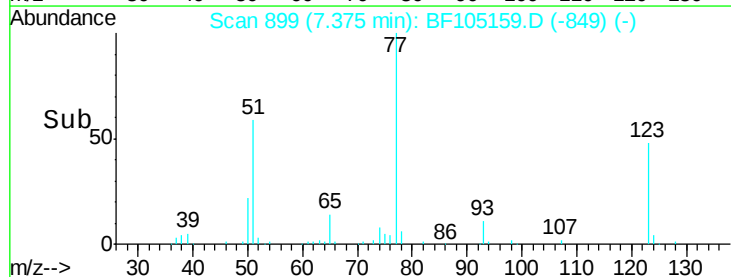
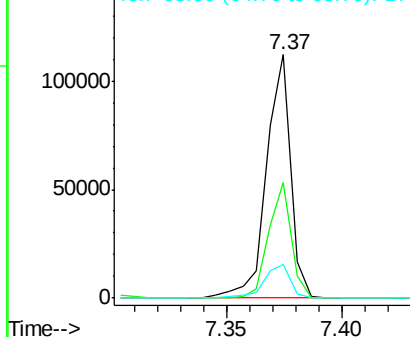


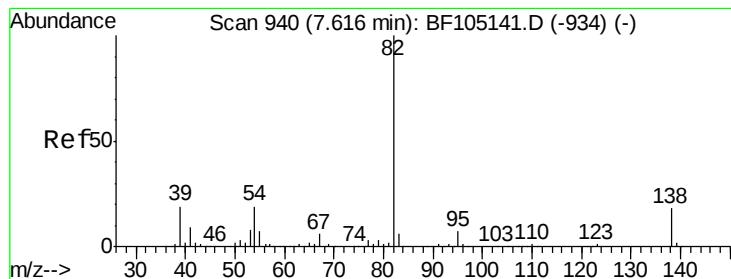
#24
Nitrobenzene
Concen: 6.11 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion: 77 Resp: 81640
Ion Ratio Lower Upper
77 100
123 47.5 37.9 56.9
65 13.6 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: 5.06 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

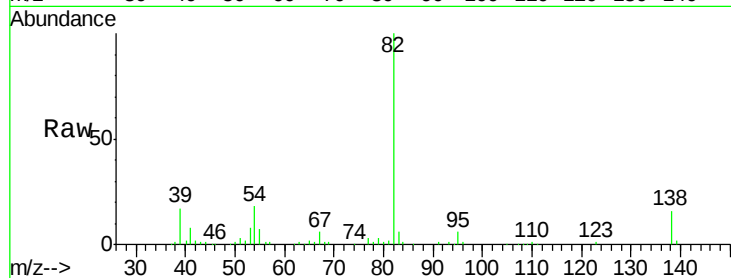
Tot Ion: 82 Resp: 133158

Ion Ratio Lower Upper

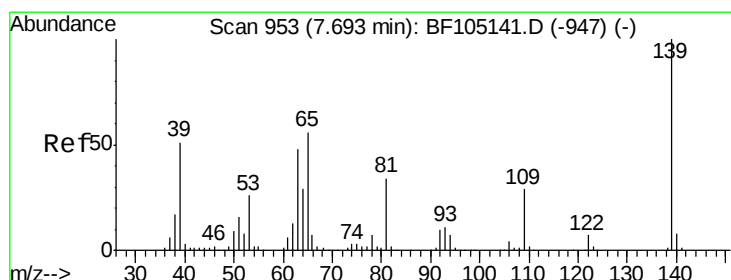
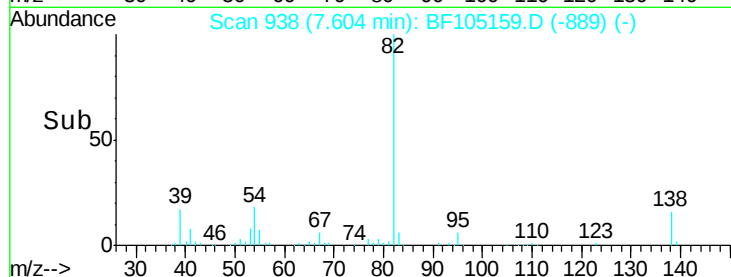
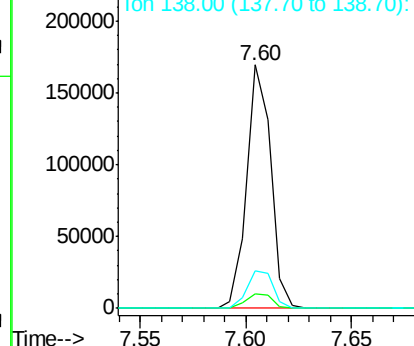
82 100

95 6.1 5.2 7.8

138 15.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 13.74 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

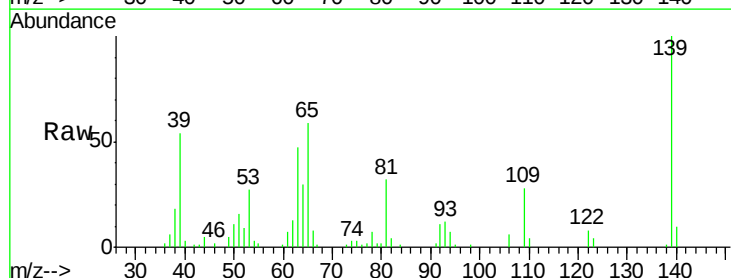
Tgt Ion: 139 Resp: 25669

Ion Ratio Lower Upper

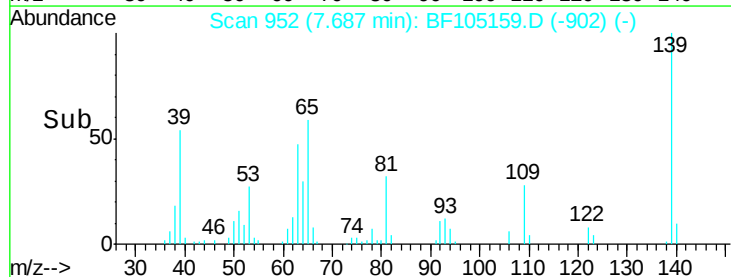
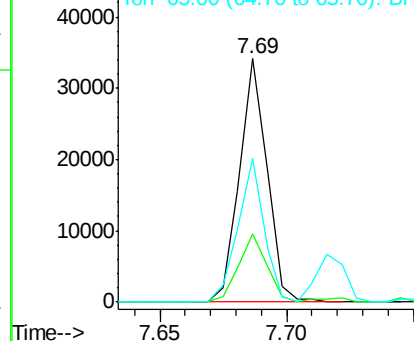
139 100

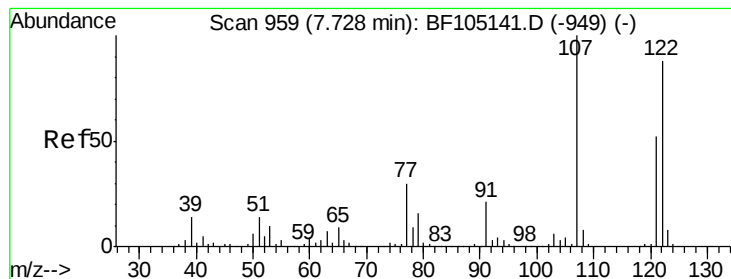
109 27.8 22.7 34.1

65 59.1 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 4.56 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampled :

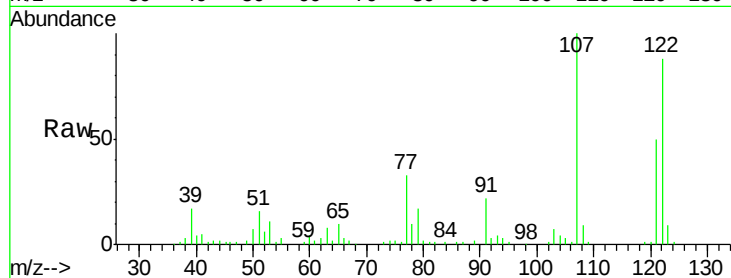
Tot Ion:122 Resp: 53392

Ion Ratio Lower Upper

122 100

107 113.1 91.2 136.8

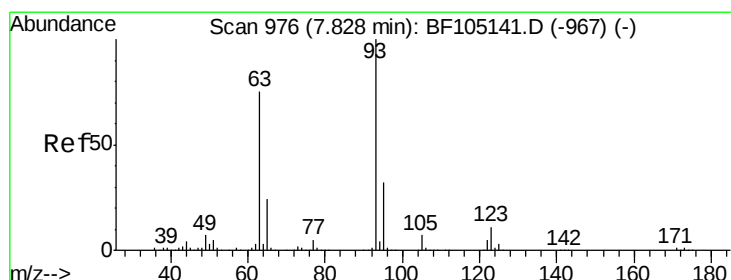
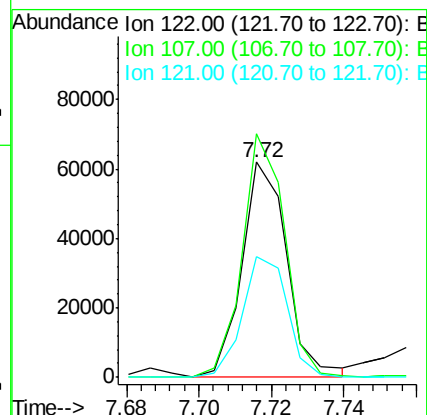
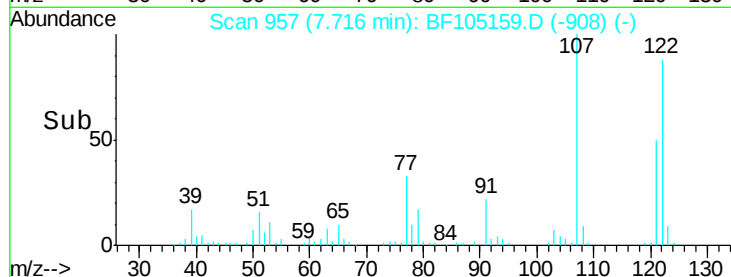
121 56.3 47.2 70.8



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: 5.17 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

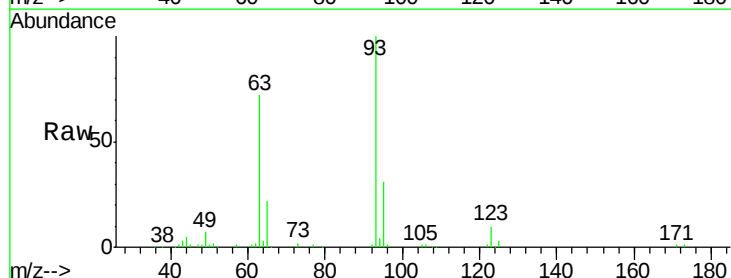
Tgt Ion: 93 Resp: 84072

Ion Ratio Lower Upper

93 100

95 31.5 26.3 39.5

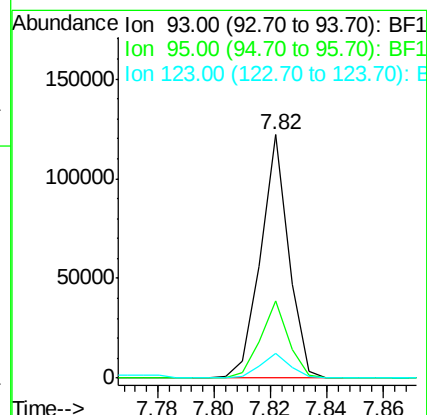
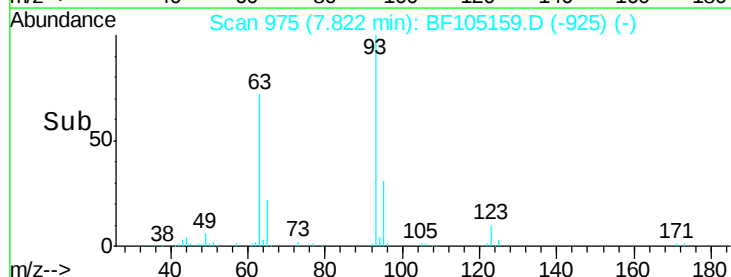
123 10.4 9.8 14.6

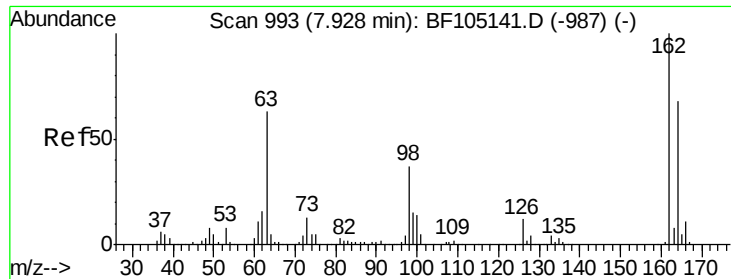


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

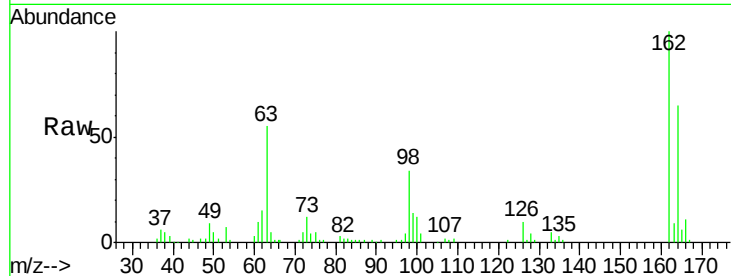




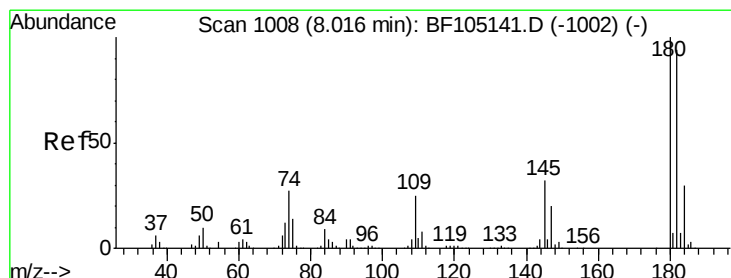
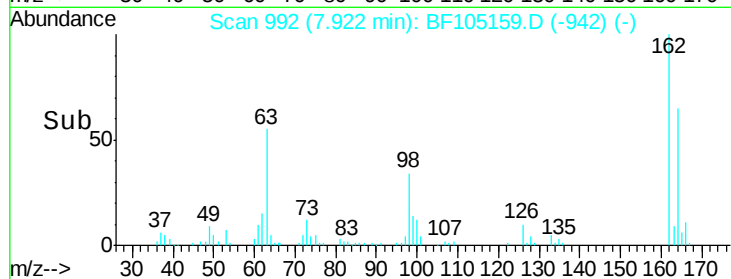
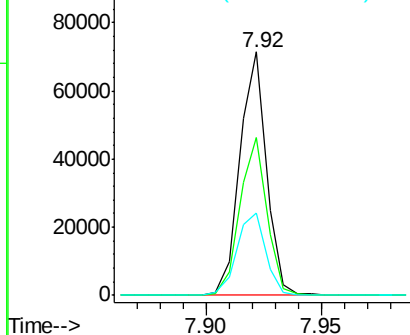
#29
 2,4-Dichlorophenol
 Concen: 5.27 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	33.7	18.1	58.1

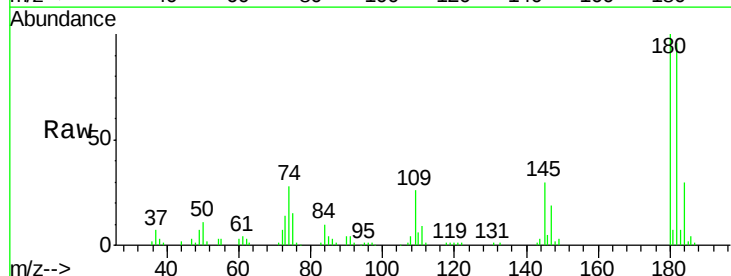


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

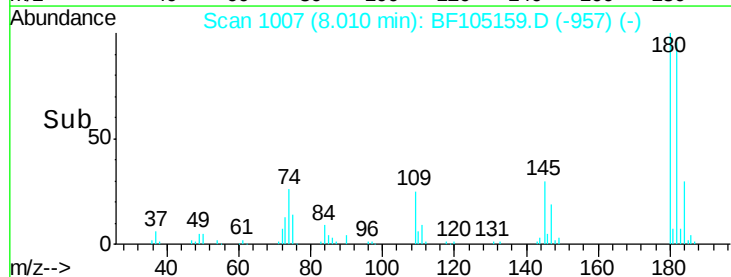
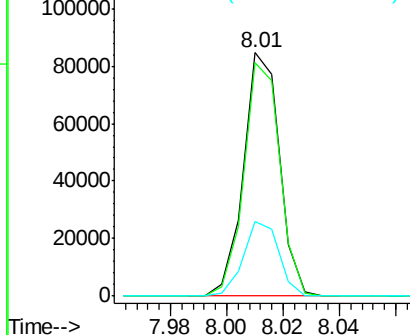


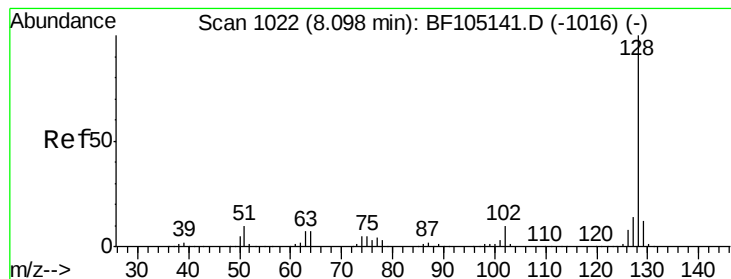
#30
 1,2,4-Trichlorobenzene
 Concen: 5.90 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	30.5	26.5	39.7



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





#31

Naphthalene

Concen: 5.87 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

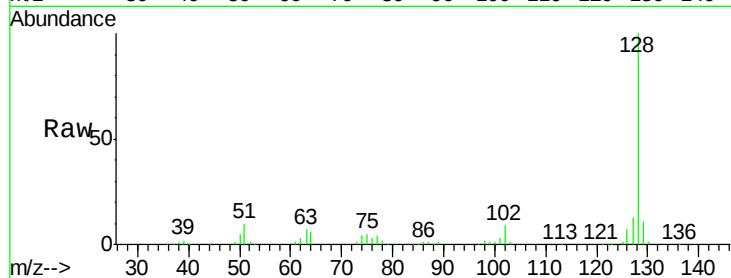
Tot Ion:128 Resp: 225641

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

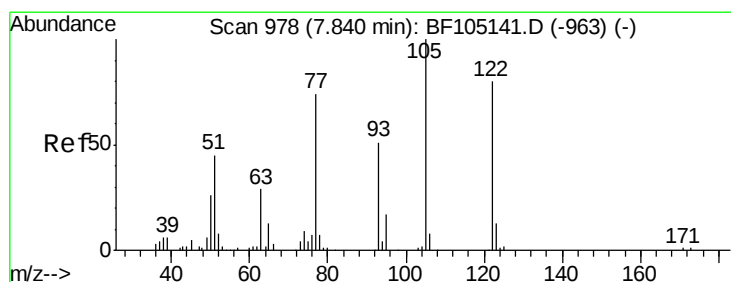
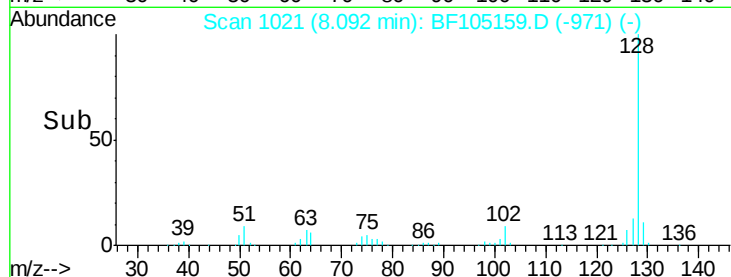
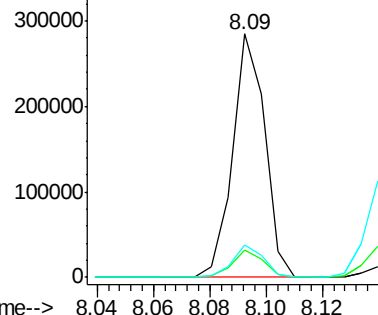
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.13 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.06 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

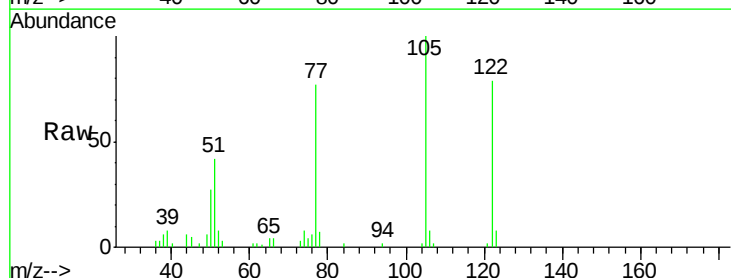
Tgt Ion:122 Resp: 28612

Ion Ratio Lower Upper

122 100

105 125.9 101.1 141.1

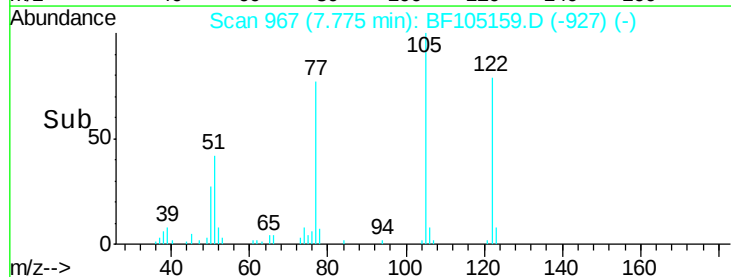
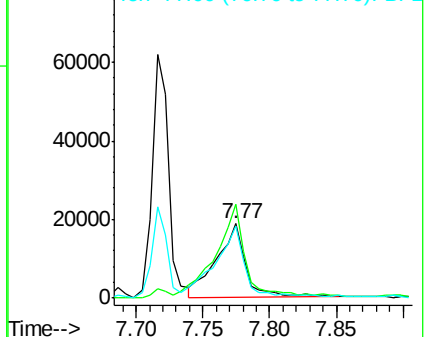
77 97.5 70.7 110.7

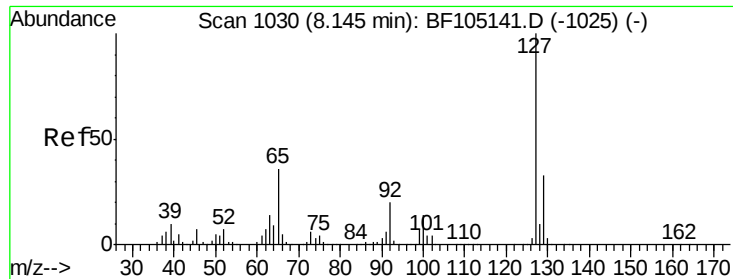


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

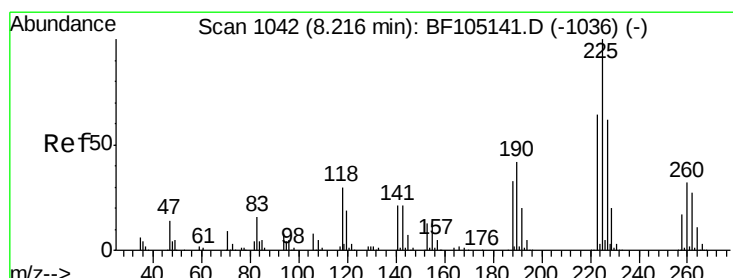
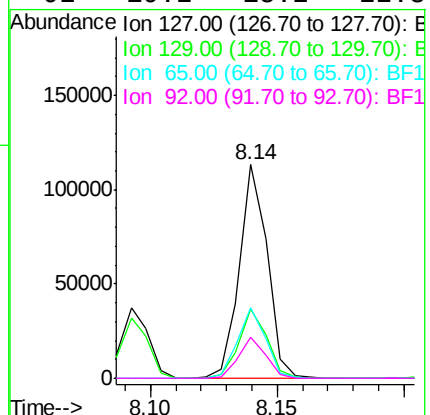
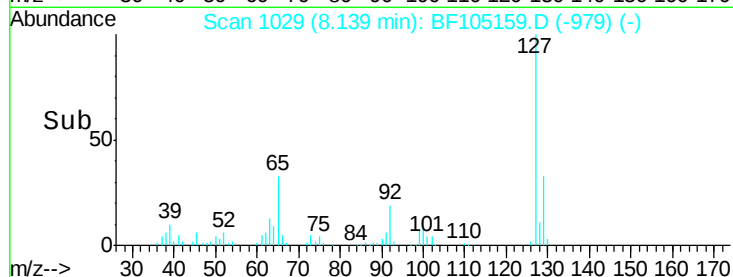
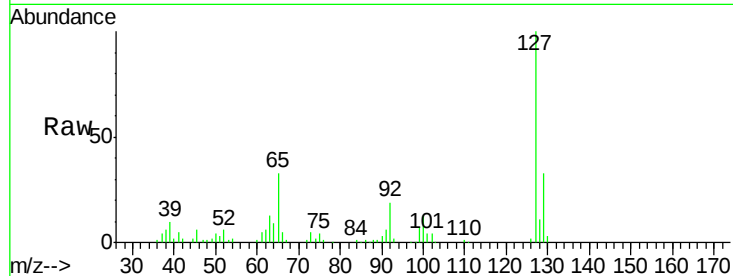




#33
4-Chloroaniline
Concen: 5.39 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

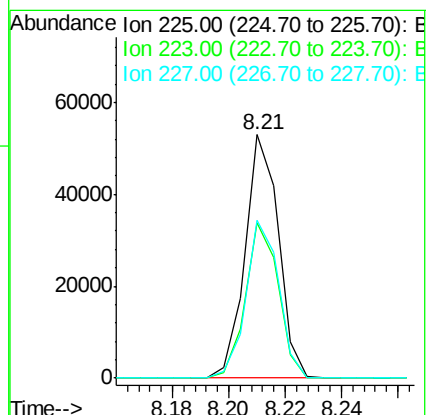
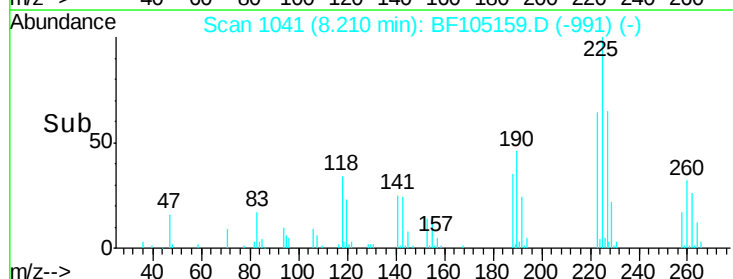
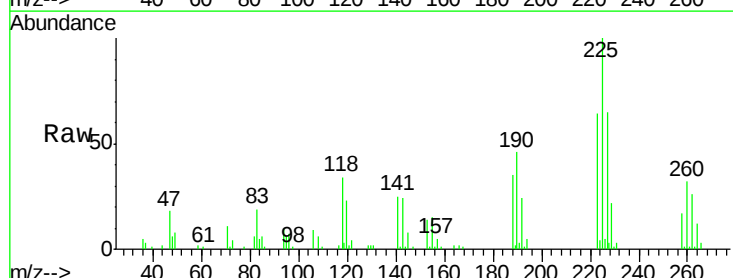
Instrument :
BNA_F
ClientSampleId :

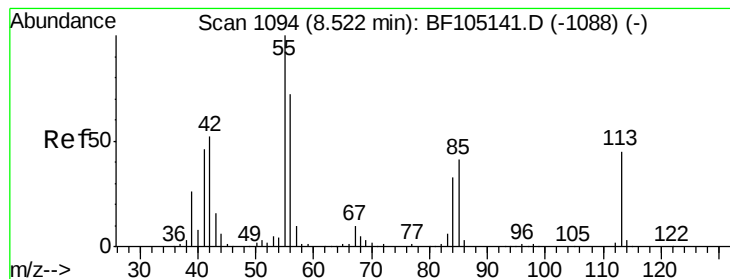
Tot Ion:	127	Resp:	86074
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	33.1	25.0	37.4
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 5.91 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion:	225	Resp:	43206
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	64.6	51.9	77.9





#35

Caprolactam

Concen: 4.84 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.05 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

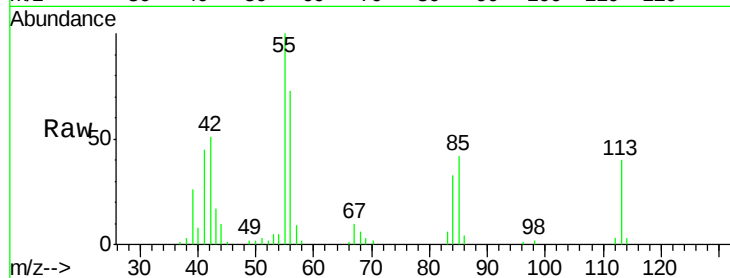
Tot Ion:113 Resp: 16089

Ion Ratio Lower Upper

113 100

55 249.6 163.3 203.3#

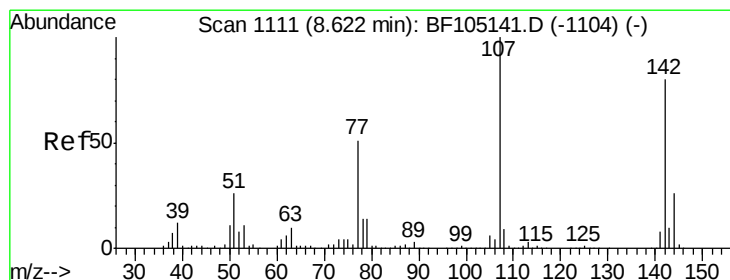
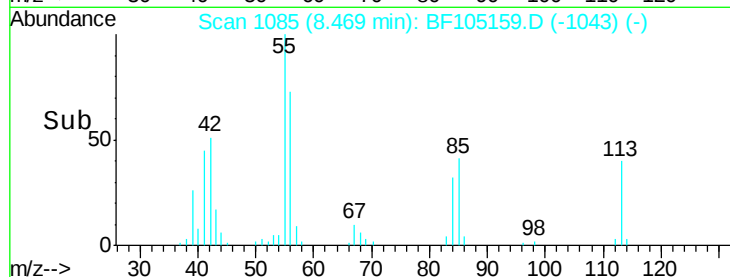
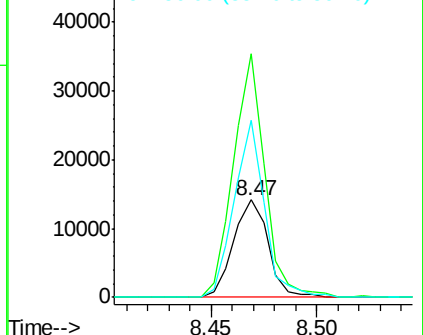
56 181.1 115.7 155.7#



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: 5.14 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

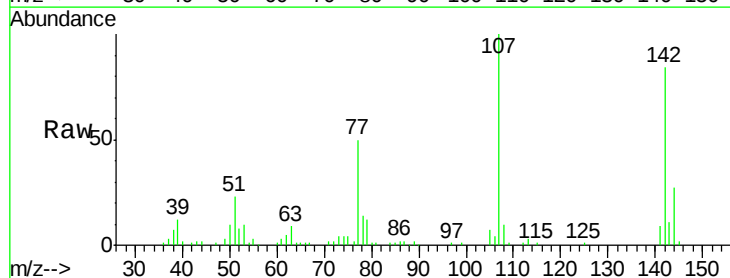
Tgt Ion:107 Resp: 58646

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

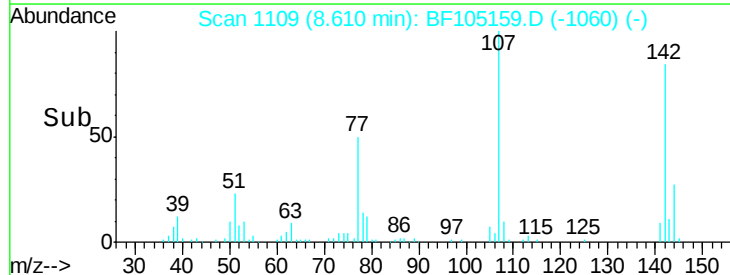
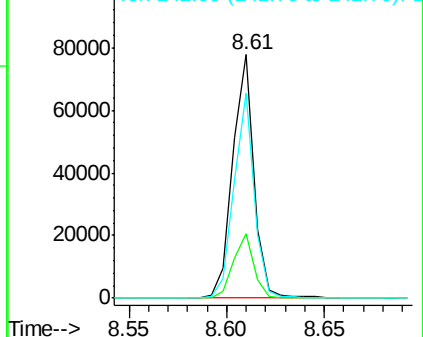
142 84.1 62.0 93.0

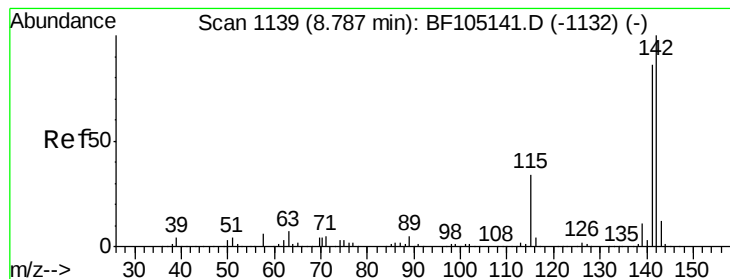


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

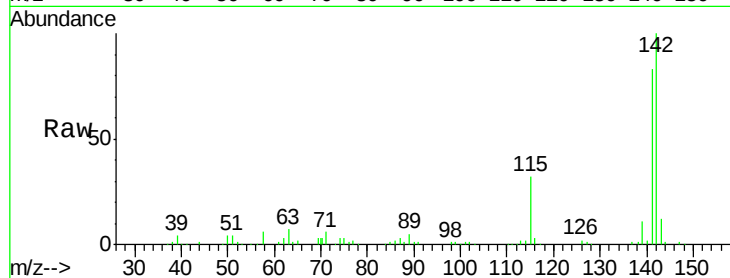




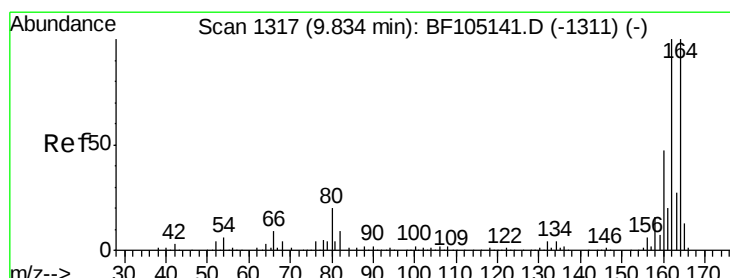
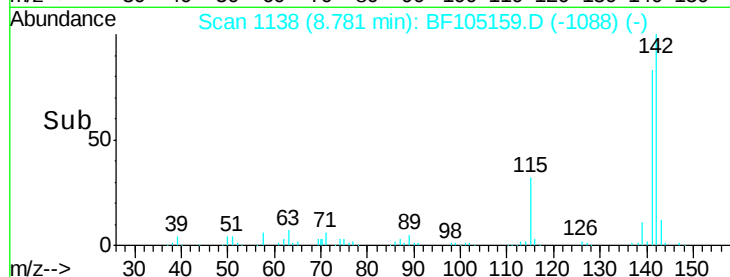
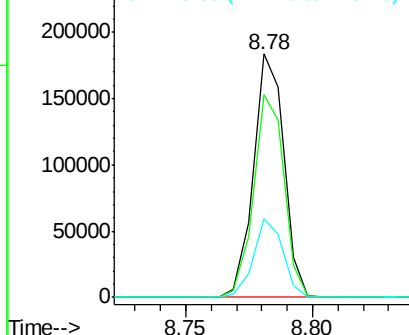
#37
2-Methylnaphthalene
Concen: 5.76 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.8	106.2
115	32.2	26.1	39.1

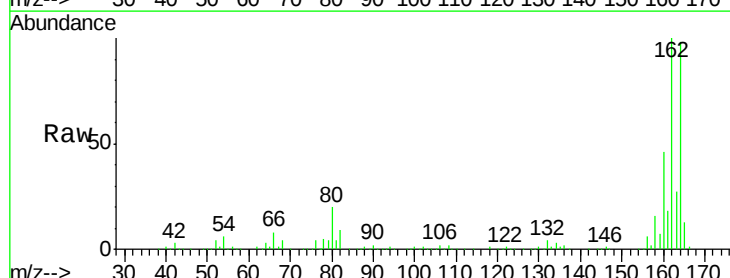


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

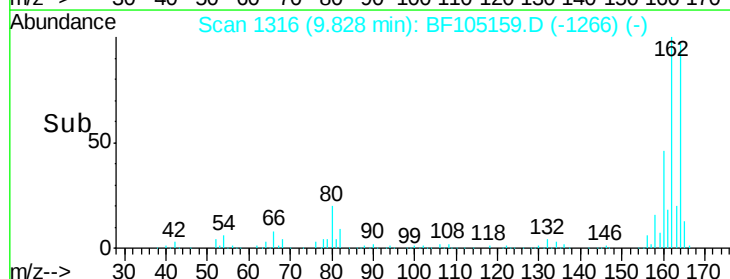
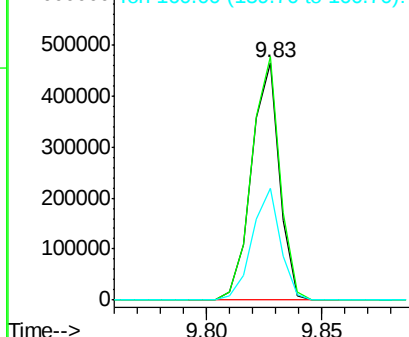


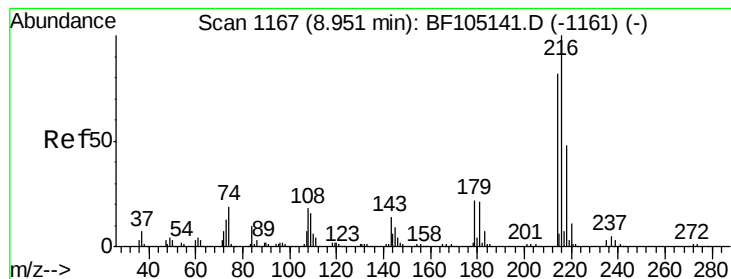
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.1	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 6.09 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 76120

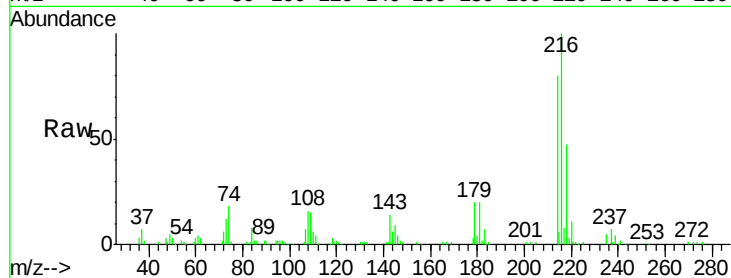
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 19.4 18.1 27.1

108 17.7 17.2 25.8

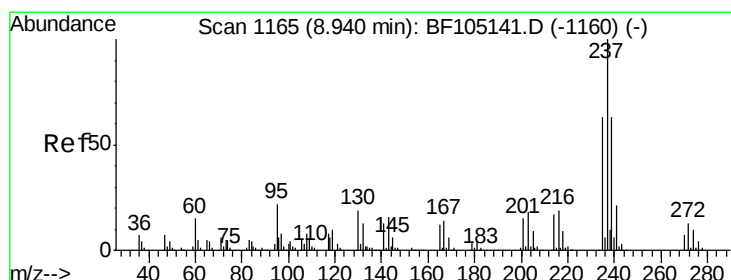
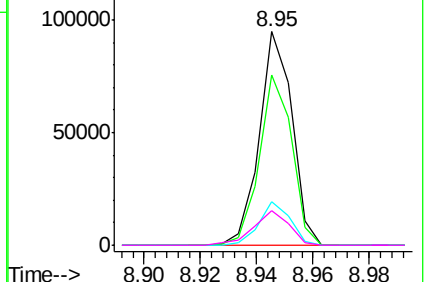
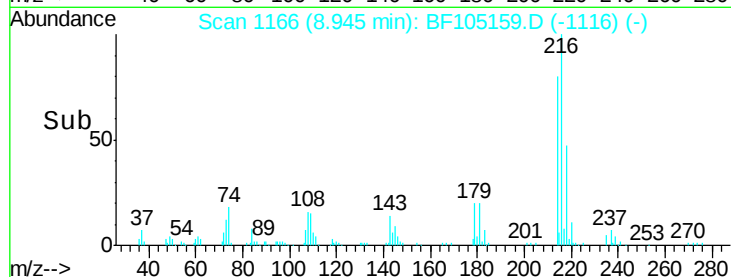


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 4.71 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

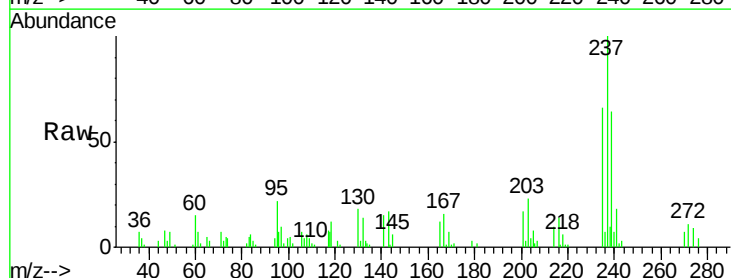
Tgt Ion:237 Resp: 31880

Ion Ratio Lower Upper

237 100

235 65.8 44.8 84.8

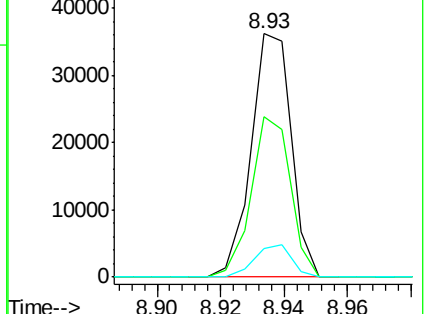
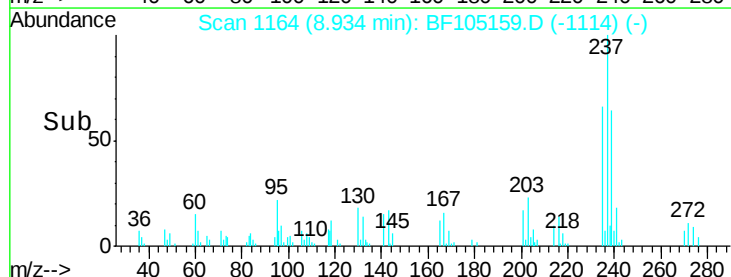
272 11.5 0.0 33.3

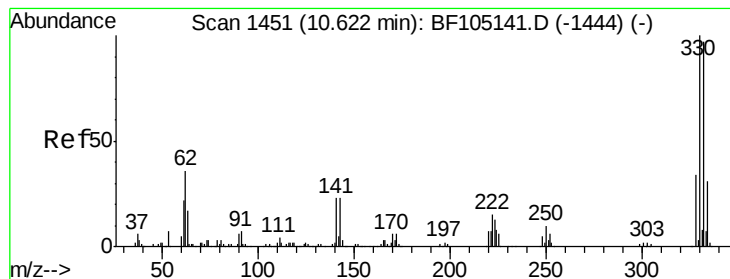


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

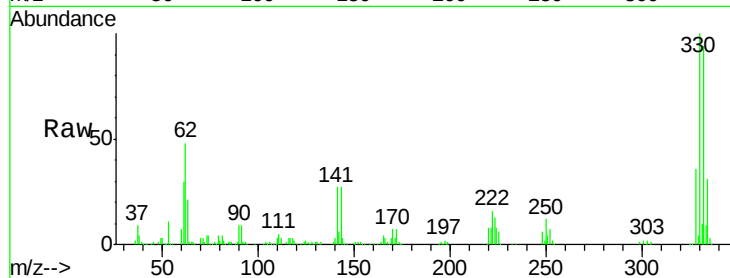




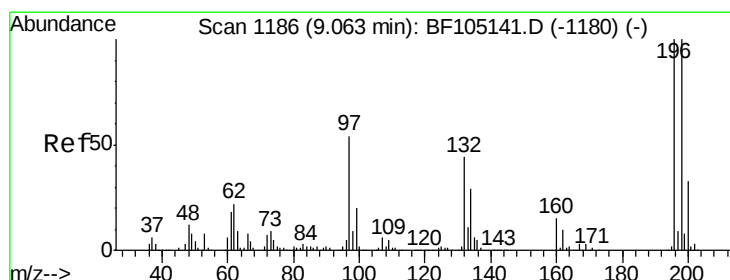
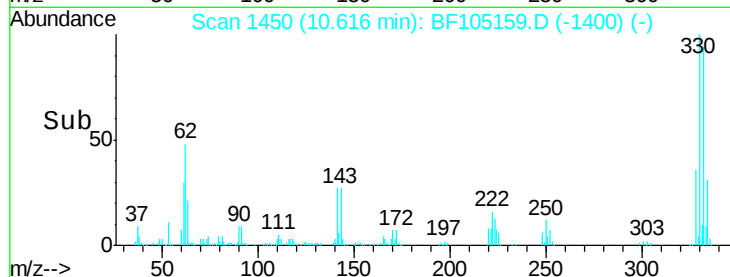
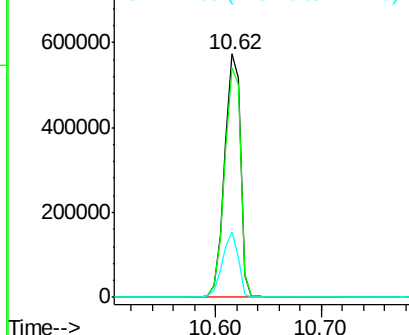
#41
 2,4,6-Tribromophenol
 Concen: 139.18 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 603441
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 27.0 29.9 44.9#

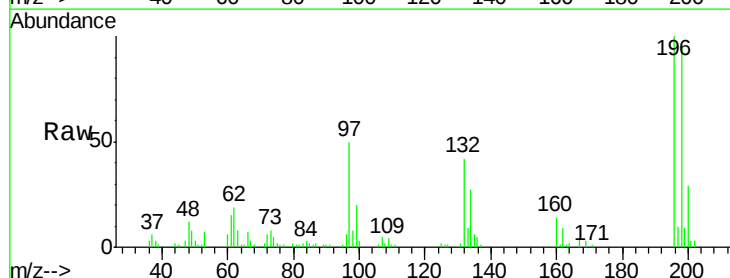


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

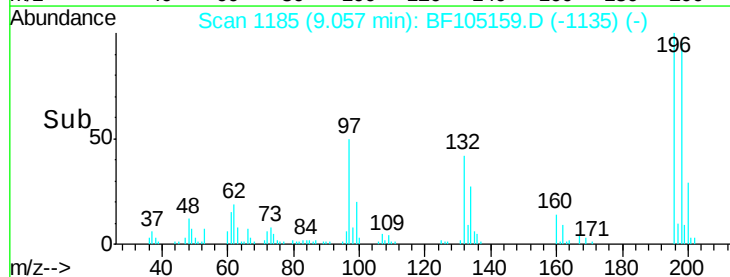
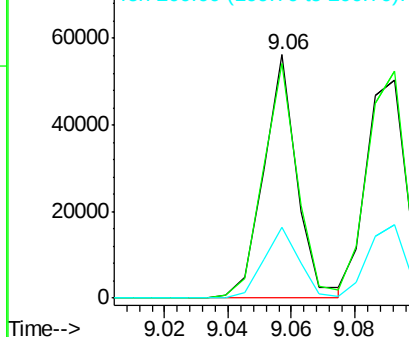


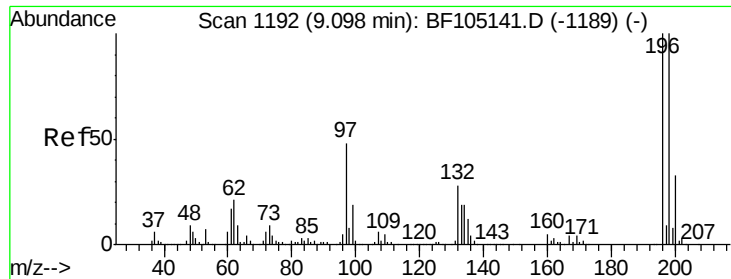
#42
 2,4,6-Trichlorophenol
 Concen: 5.37 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Tgt Ion:196 Resp: 40967
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 29.3 24.5 36.7



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

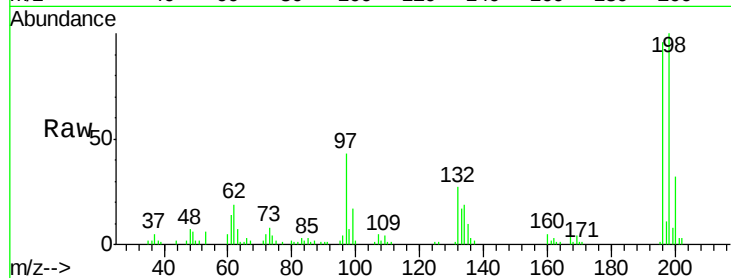




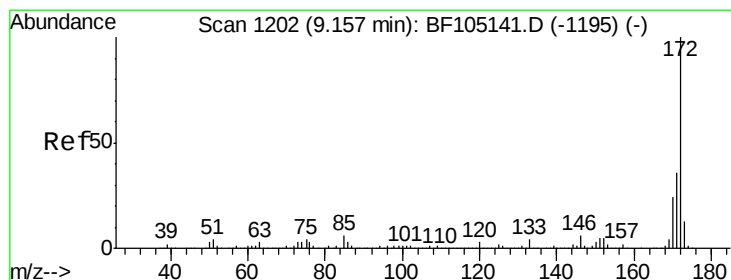
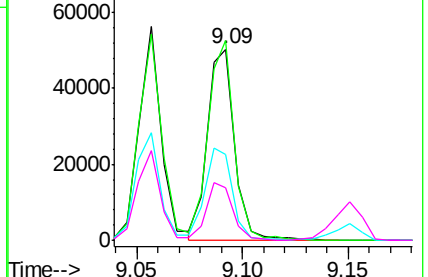
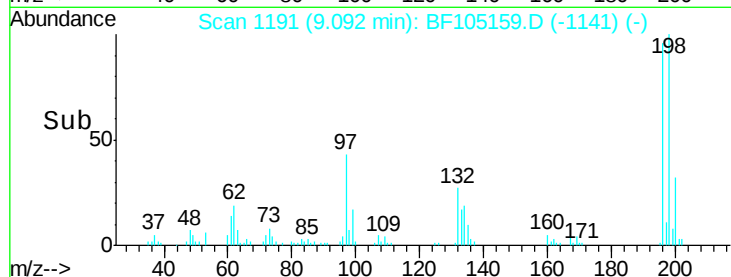
#43
 2,4,5-Trichlorophenol
 Concen: 5.68 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 45318
 Ion Ratio Lower Upper
 196 100
 198 104.4 74.6 112.0
 97 45.2 42.9 64.3
 132 27.8 26.3 39.5

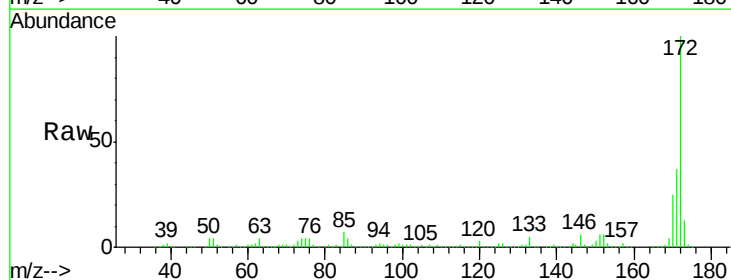


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

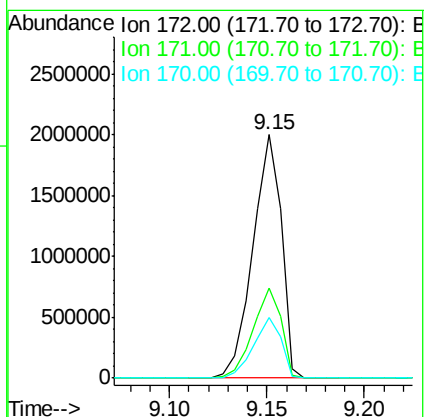
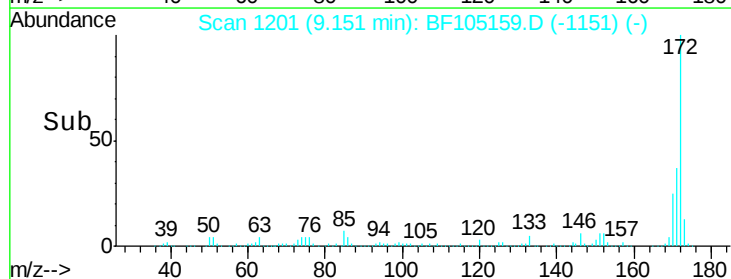


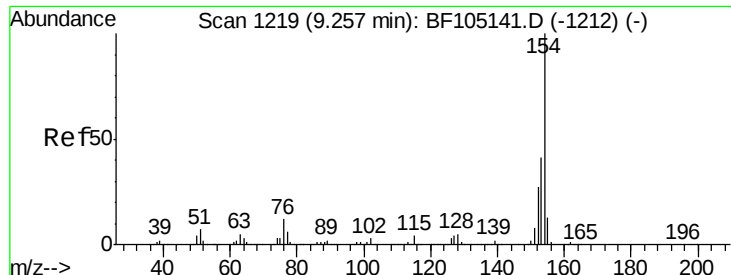
#44
 2-Fluorobiphenyl
 Concen: 79.72 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Tgt Ion:172 Resp: 2018461
 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

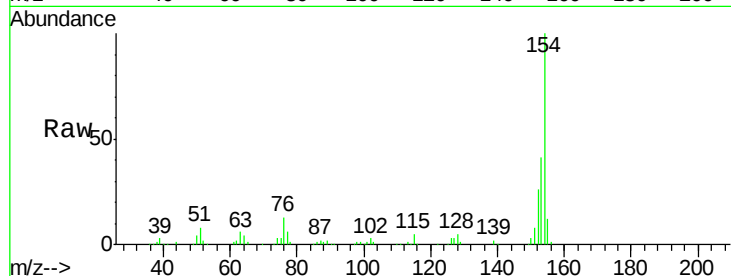




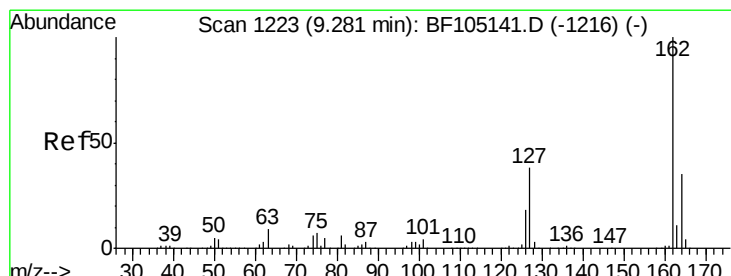
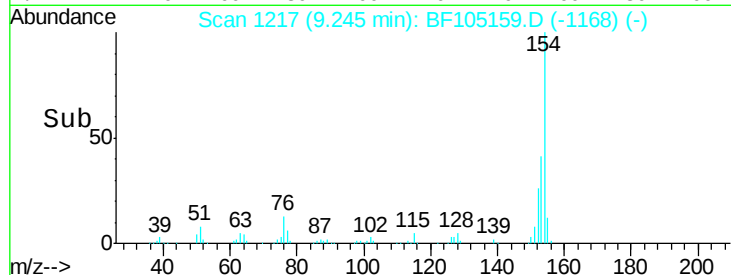
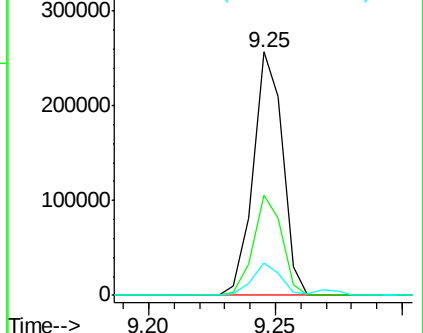
#45
 1,1'-Biphenyl
 Concen: 6.51 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 208523
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 13.4 0.0 34.0

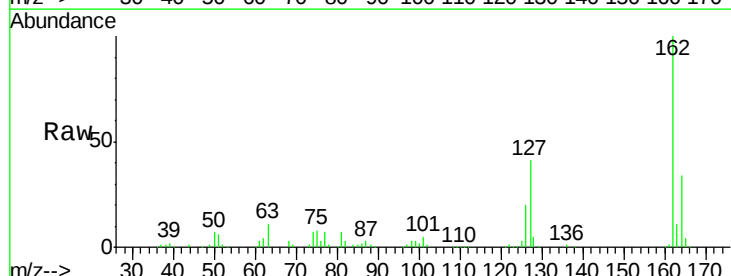


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

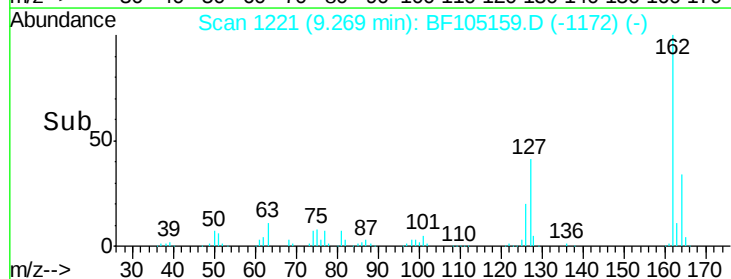
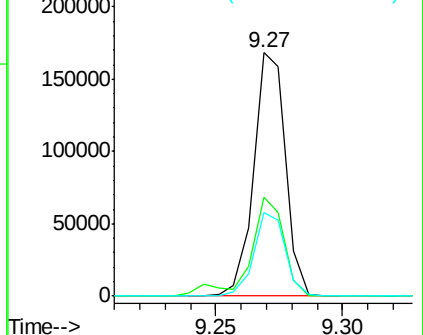


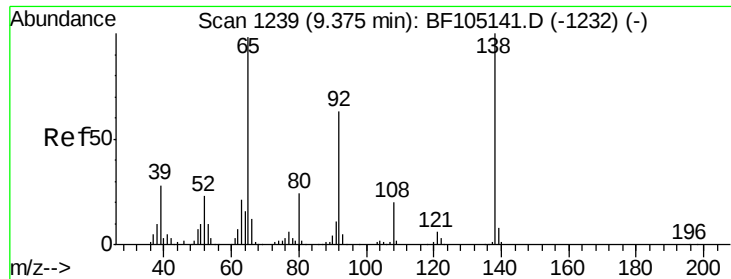
#46
 2-Chloronaphthalene
 Concen: 6.12 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Tgt Ion:162 Resp: 146525
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.9 50.9
 164 34.1 26.5 39.7



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

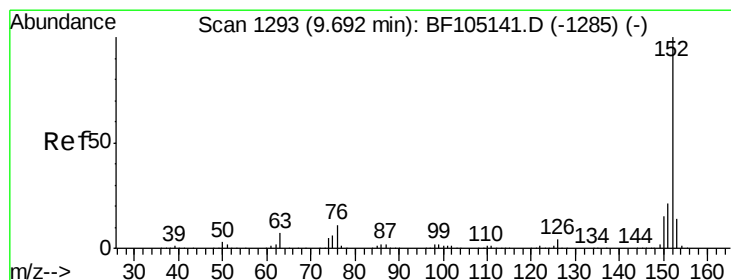
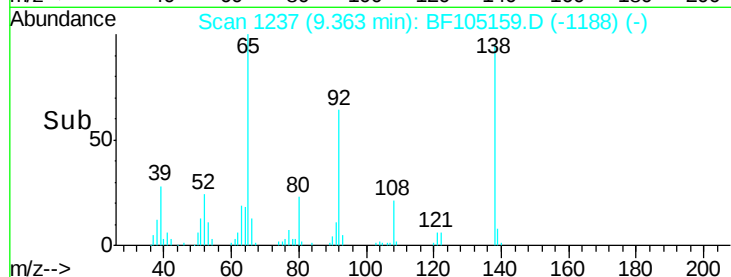
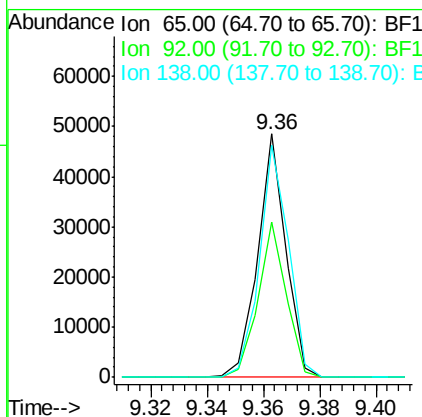
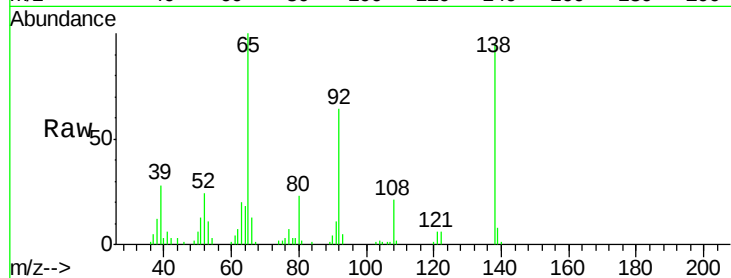




#47
2-Nitroaniline
Concen: 10.07 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

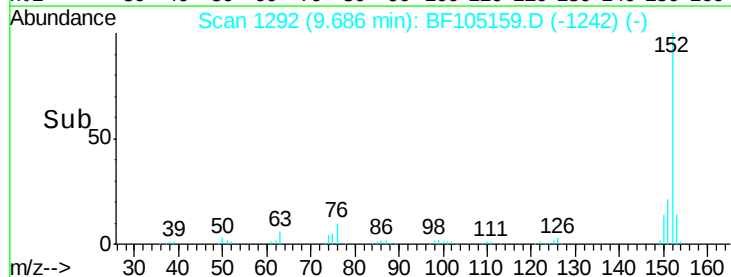
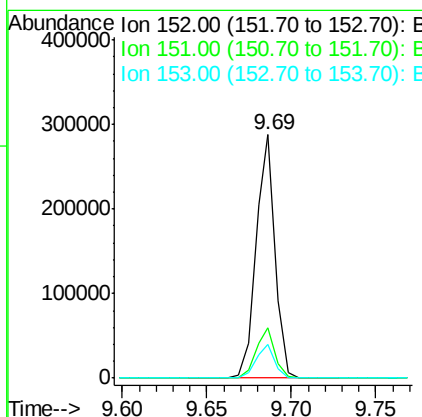
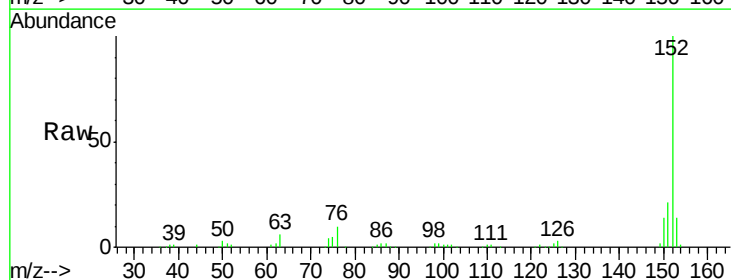
Instrument :
BNA_F
ClientSampleId :

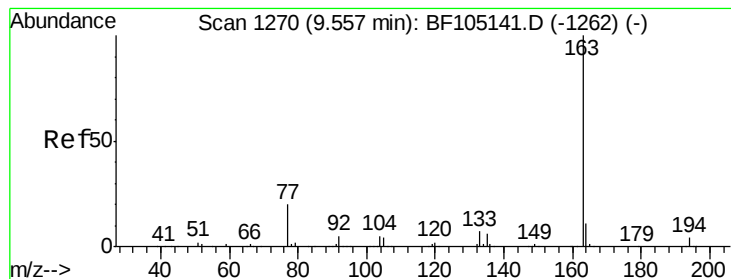
Tot Ion: 65 Resp: 33496
Ion Ratio Lower Upper
65 100
92 63.7 55.8 83.6
138 95.3 91.2 136.8



#48
Acenaphthylene
Concen: 6.11 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion: 152 Resp: 225770
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 6.19 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

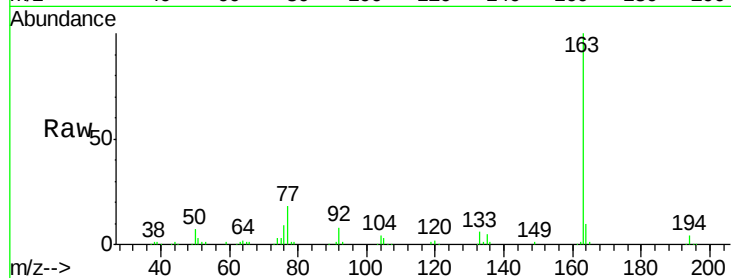
Tot Ion:163 Resp: 164724

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

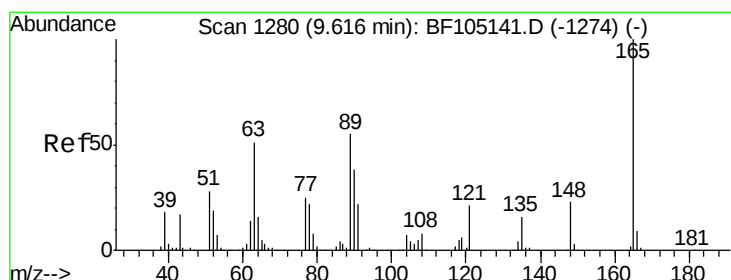
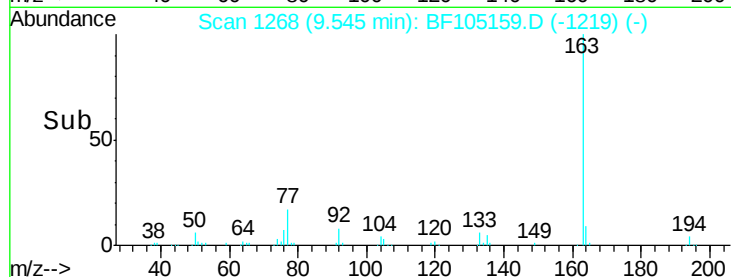
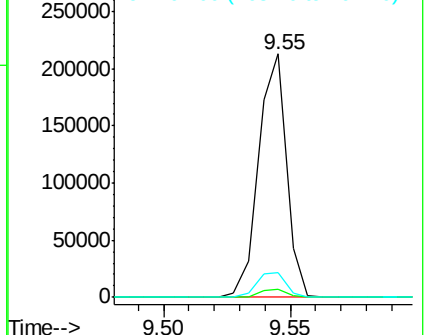
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 5.67 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

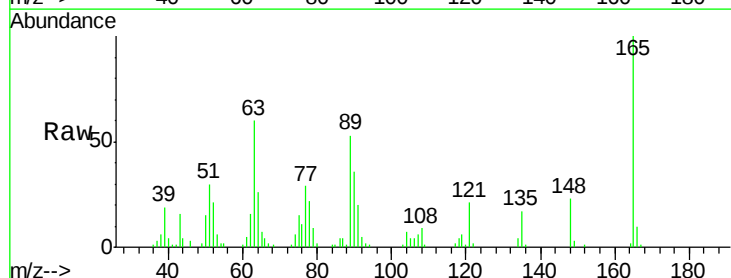
Tgt Ion:165 Resp: 32715

Ion Ratio Lower Upper

165 100

63 59.7 44.7 67.1

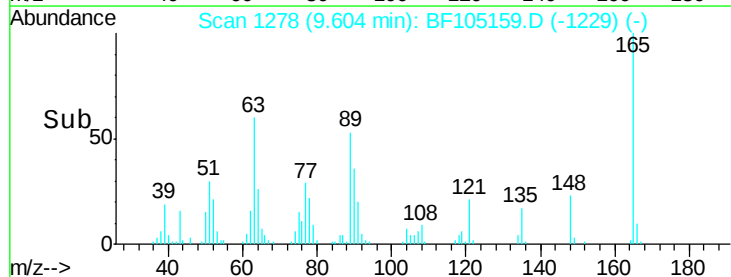
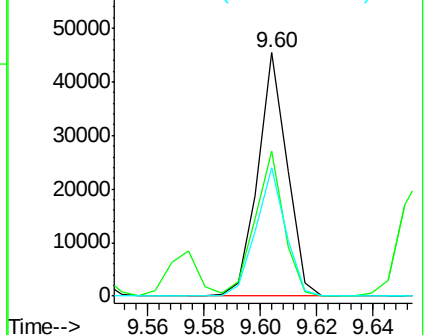
89 52.9 44.0 66.0

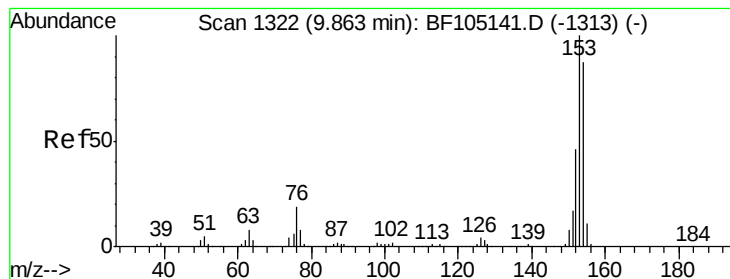


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 6.09 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

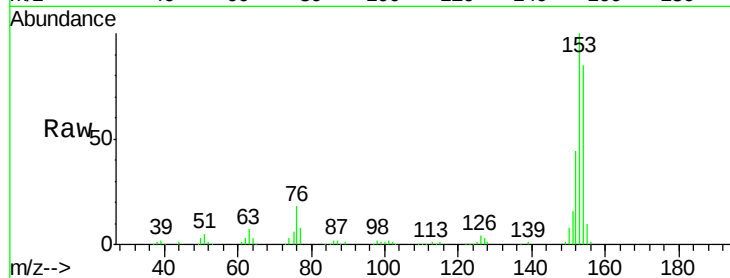
Tot Ion:154 Resp: 145068

Ion Ratio Lower Upper

154 100

153 117.1 91.2 136.8

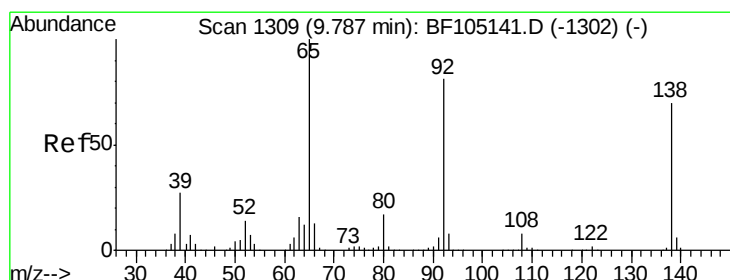
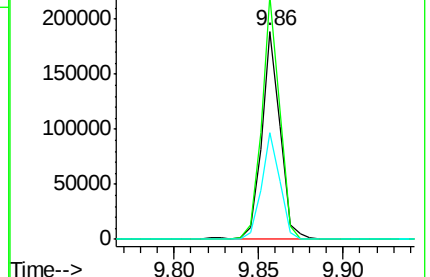
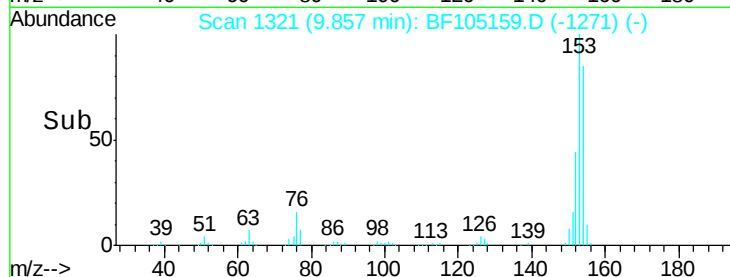
152 51.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 5.55 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

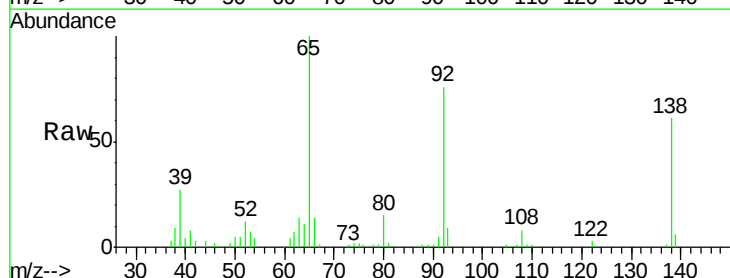
Tgt Ion:138 Resp: 33735

Ion Ratio Lower Upper

138 100

108 12.4 9.4 14.0

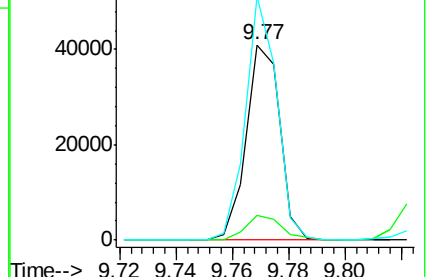
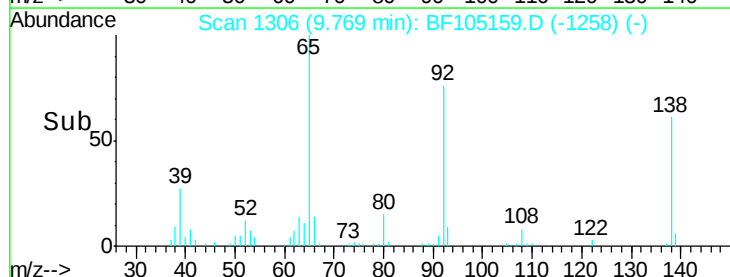
92 124.8 89.4 134.2

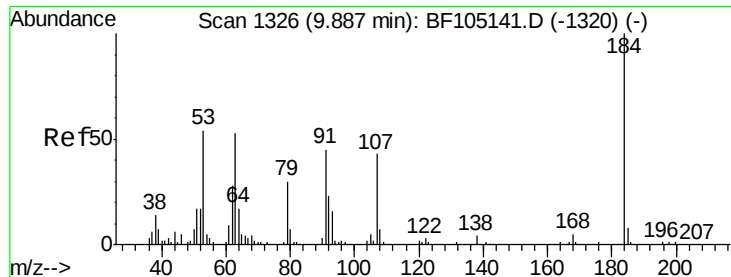


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

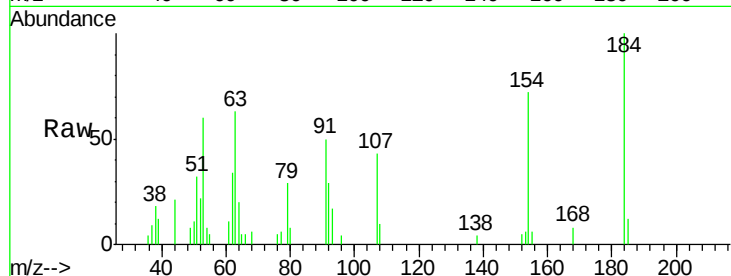




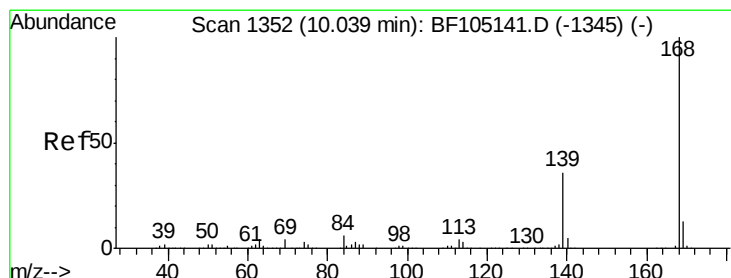
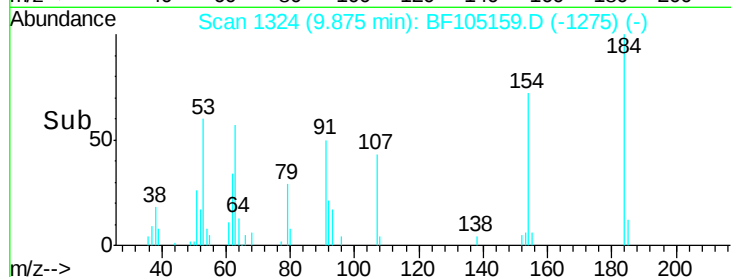
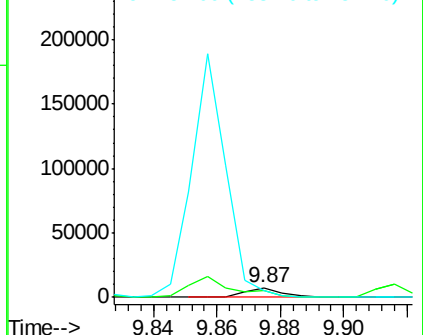
#53
2,4-Dinitrophenol
Concen: 13.07 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 5778
Ion Ratio Lower Upper
184 100
63 62.9 54.2 81.2
154 72.5 184.0 276.0#

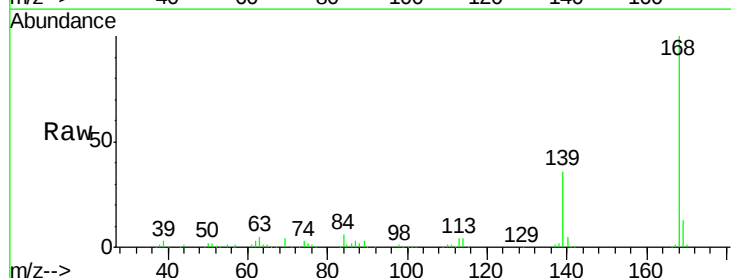


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

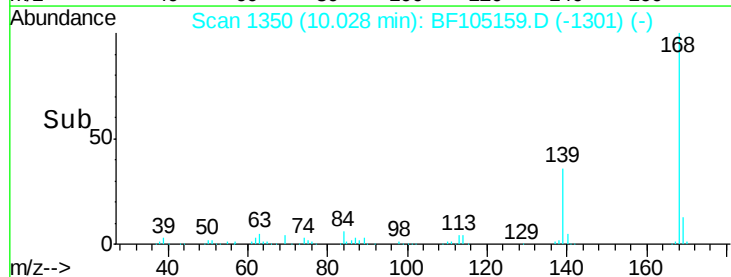
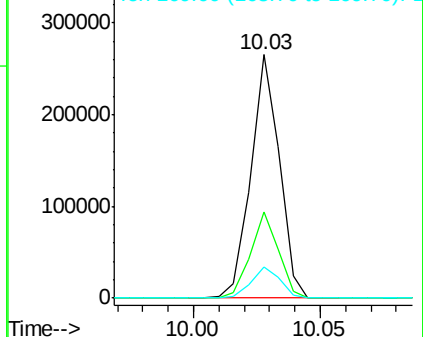


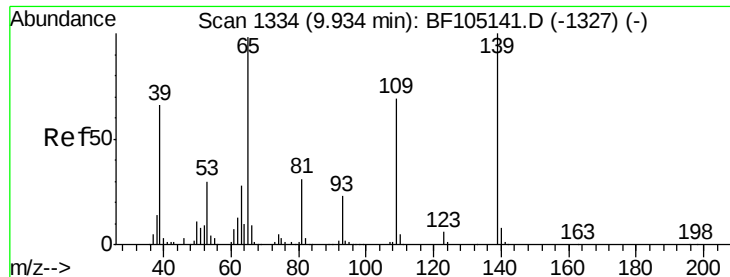
#54
Dibenzofuran
Concen: 5.95 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion:168 Resp: 207288
Ion Ratio Lower Upper
168 100
139 35.6 30.1 45.1
169 12.8 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

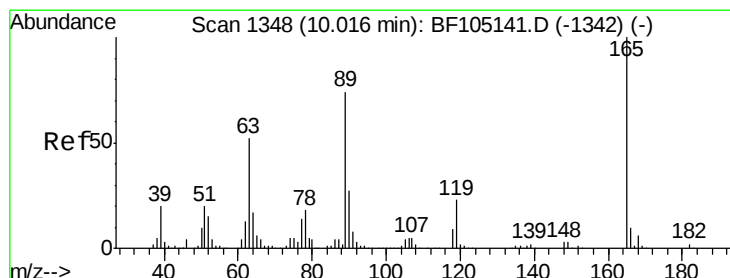
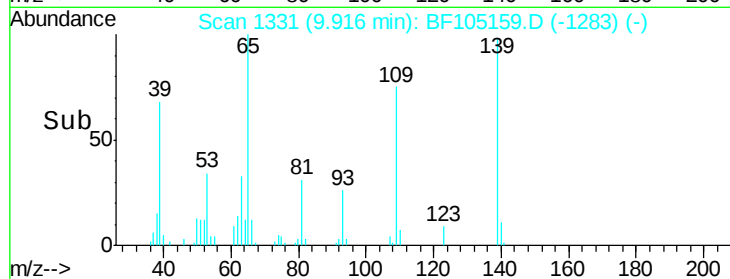
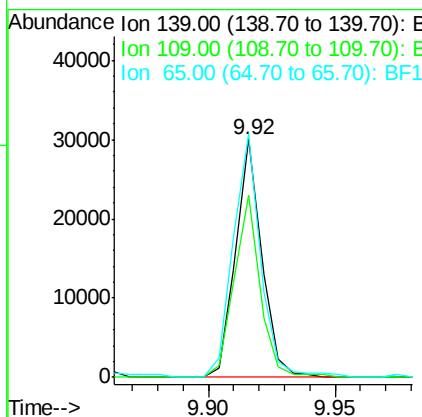
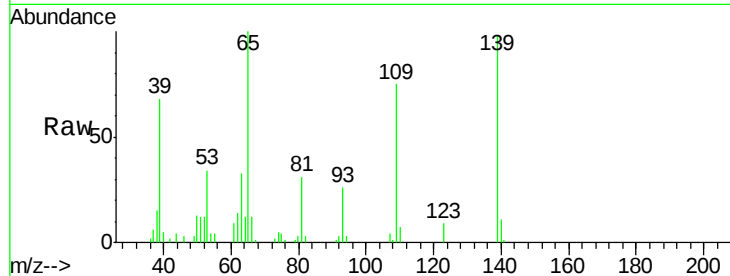




#55
4-Nitrophenol
Concen: 8.01 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

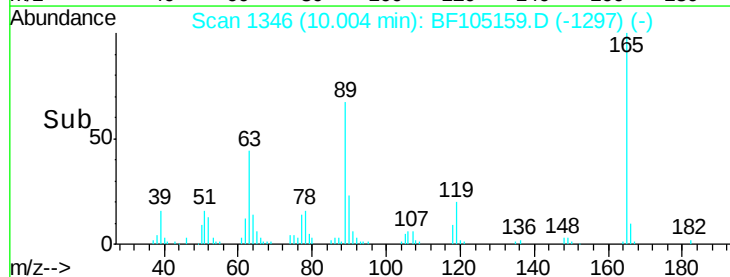
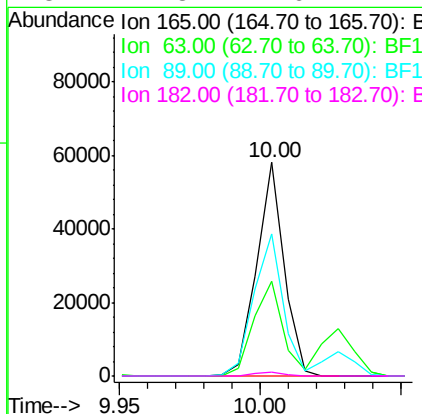
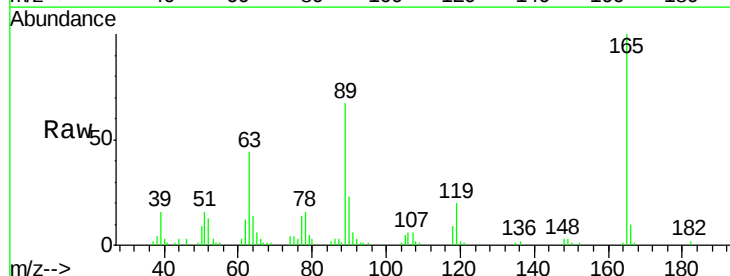
Instrument :
BNA_F
ClientSampleId :

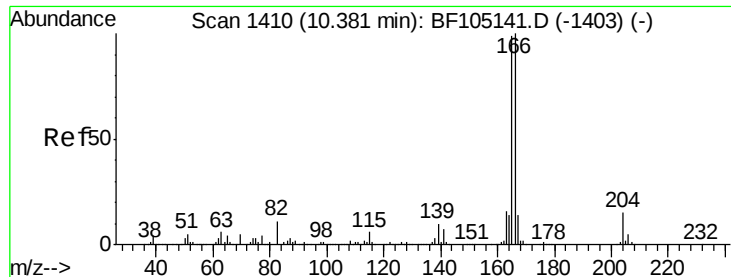
Tot Ion:139 Resp: 21445
Ion Ratio Lower Upper
139 100
109 76.2 48.4 88.4
65 102.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 8.34 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion:165 Resp: 39232
Ion Ratio Lower Upper
165 100
63 44.2 36.4 54.6
89 66.8 57.8 86.6
182 1.8 1.6 2.4





#57

Fluorene

Concen: 6.40 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

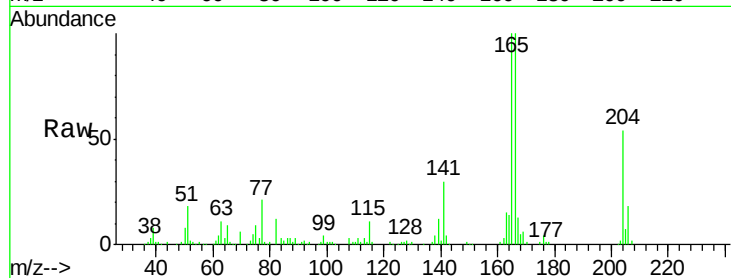
Tot Ion:166 Resp: 163457

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

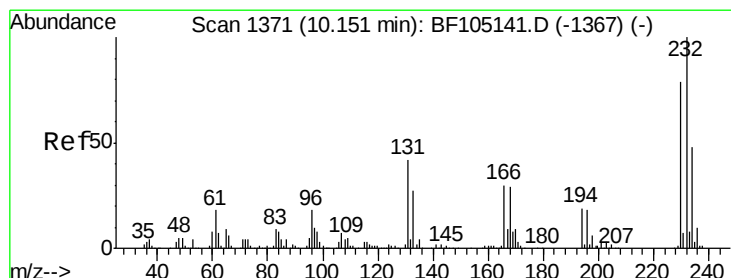
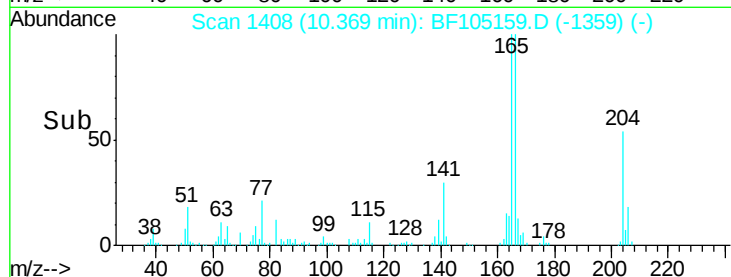
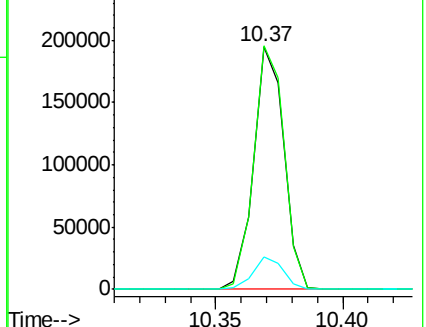
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 5.06 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Tgt Ion:232 Resp: 36010

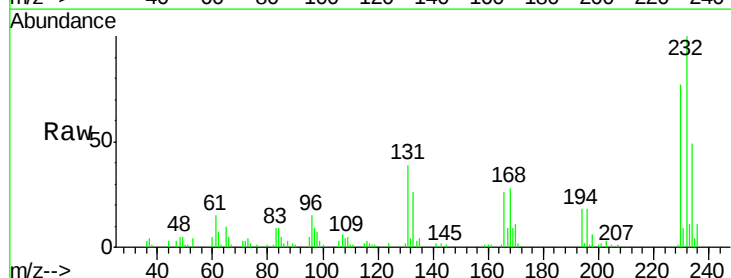
Ion Ratio Lower Upper

232 100

131 43.8 43.8 65.8#

130 1.8 2.1 3.1#

166 30.7 27.8 41.6

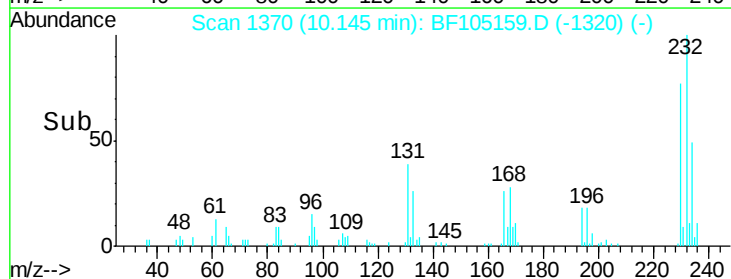
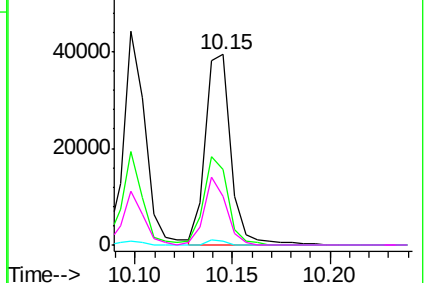


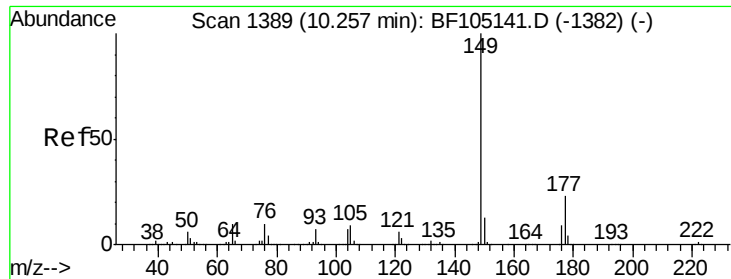
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

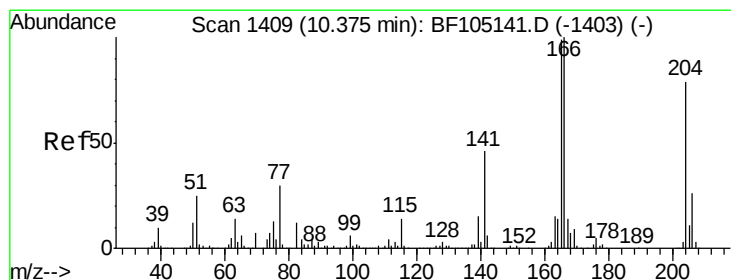
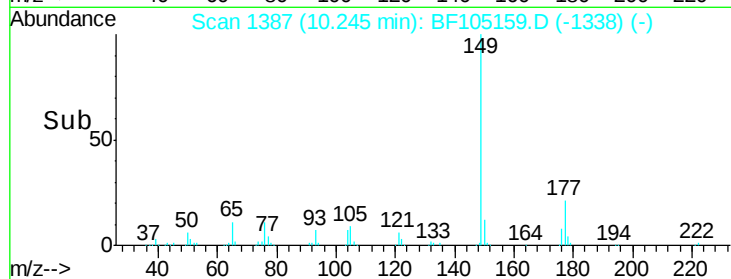
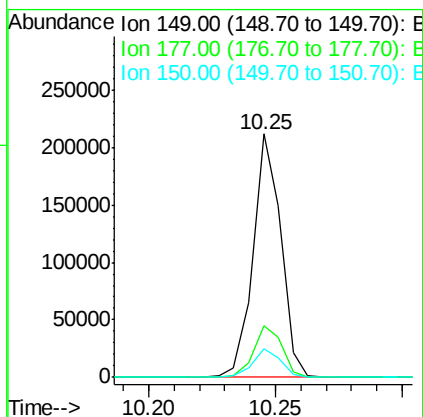
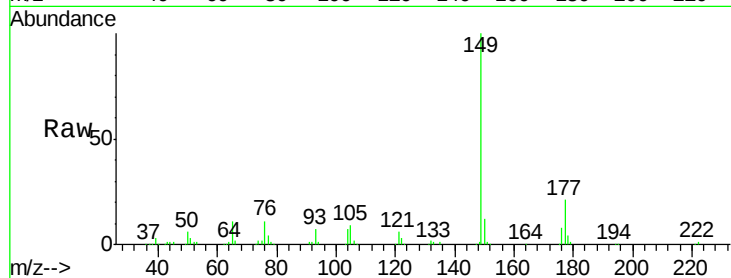




#59
Diethylphthalate
Concen: 6.19 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

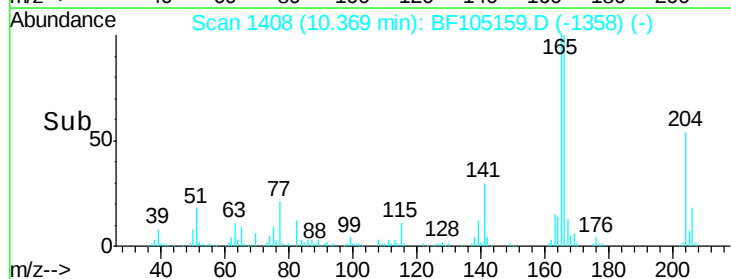
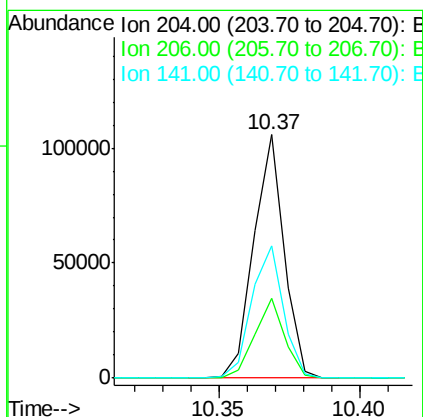
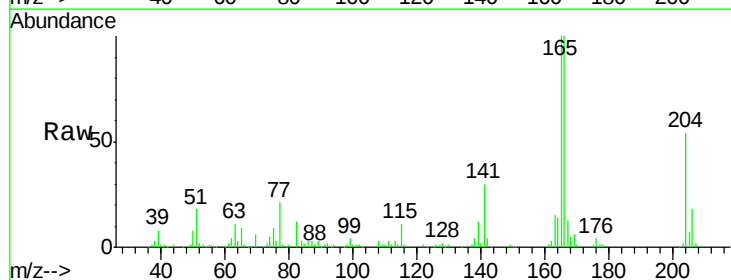
Instrument :
BNA_F
ClientSampleId :

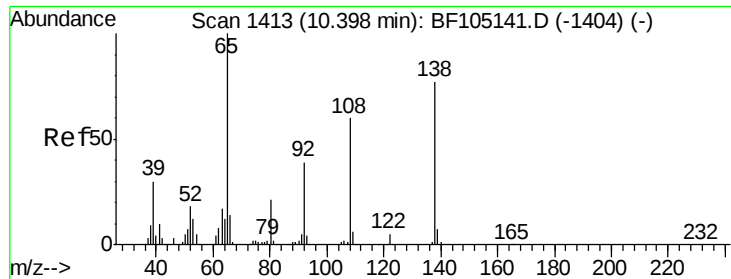
Tot Ion:149 Resp: 161781
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 11.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 6.65 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion:204 Resp: 79045
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 54.5 54.6 81.8#

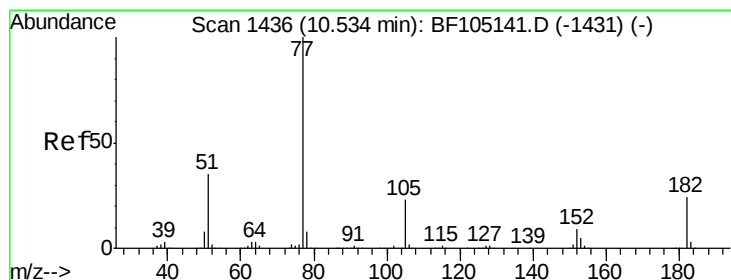
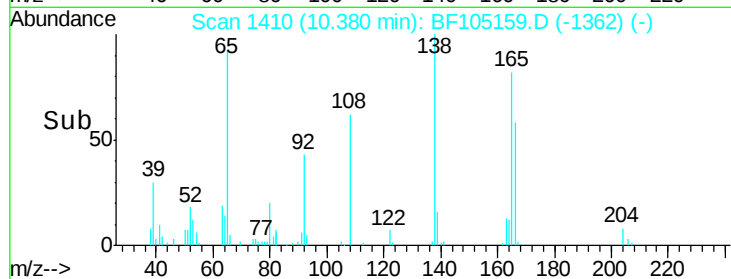
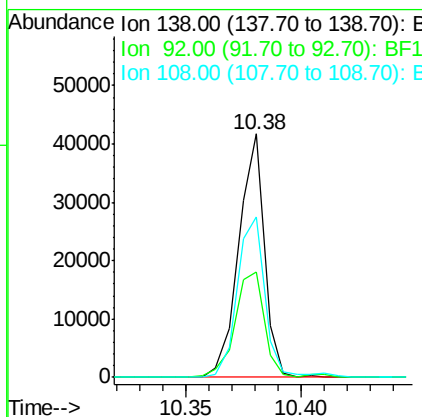
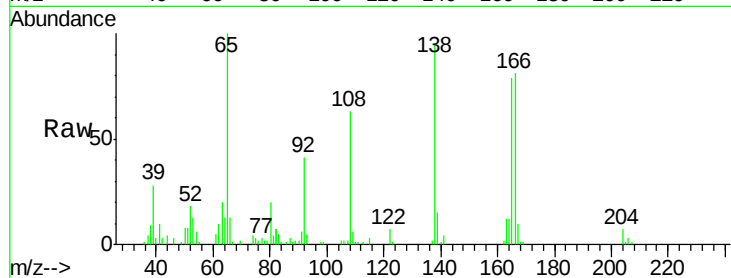




#61
4-Nitroaniline
Concen: 5.36 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

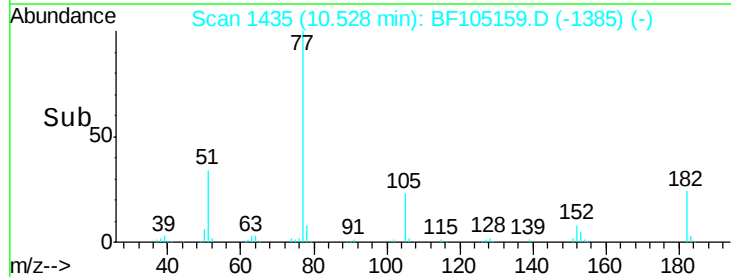
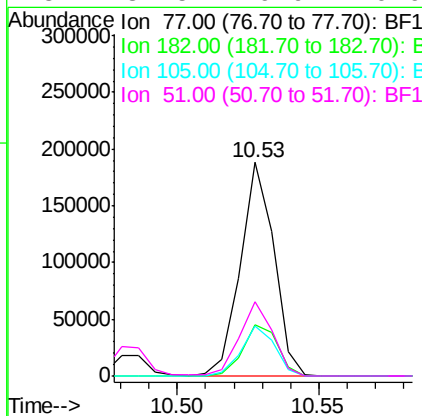
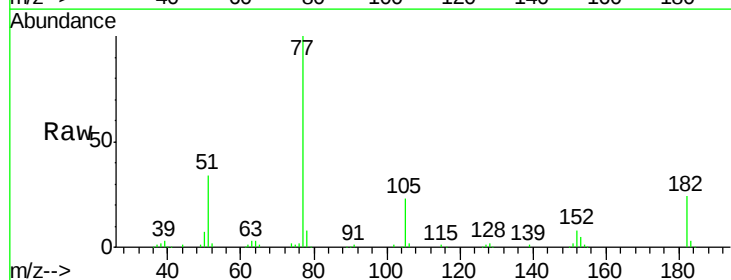
Instrument :
BNA_F
ClientSampled :

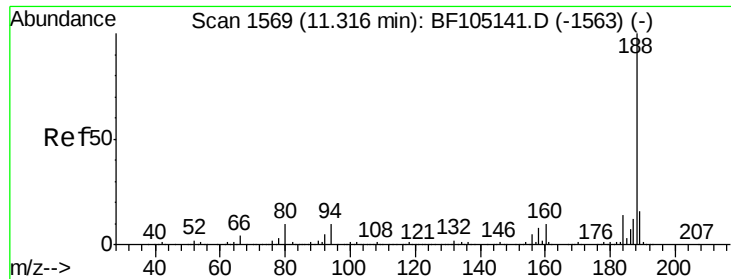
Tot Ion:138 Resp: 32460
Ion Ratio Lower Upper
138 100
92 43.3 30.2 70.2
108 65.8 52.5 92.5



#62
Azobenzene
Concen: 5.70 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion: 77 Resp: 155490
Ion Ratio Lower Upper
77 100
182 23.9 1.7 41.7
105 23.4 3.0 43.0
51 34.5 9.9 49.9

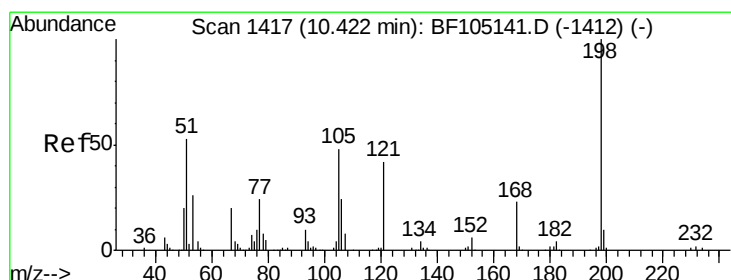
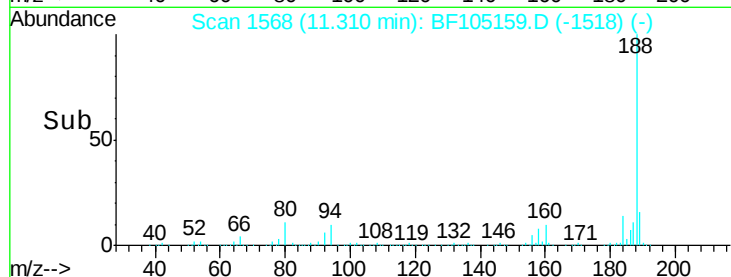
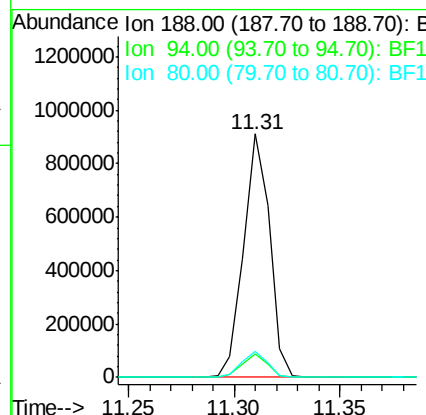
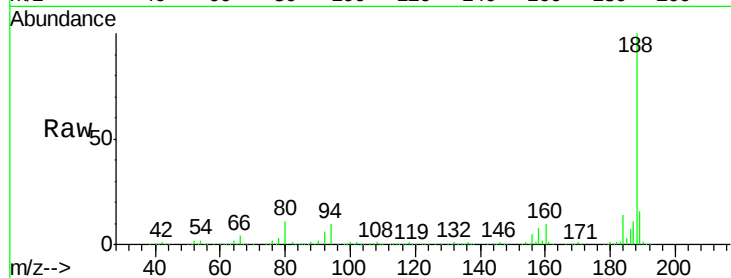




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

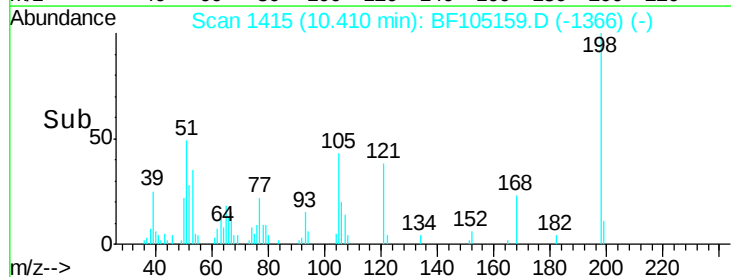
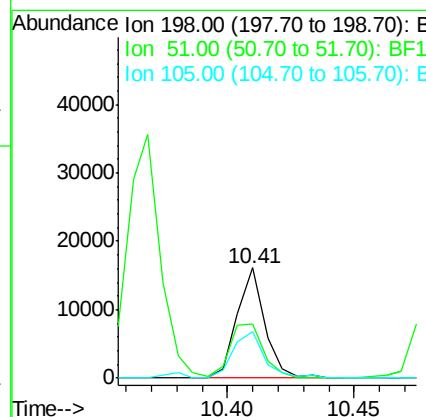
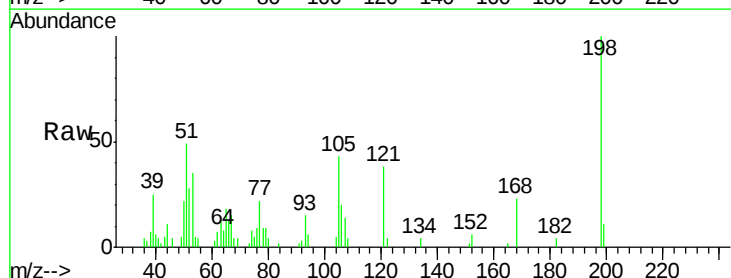
Instrument :
BNA_F
ClientSampleId :

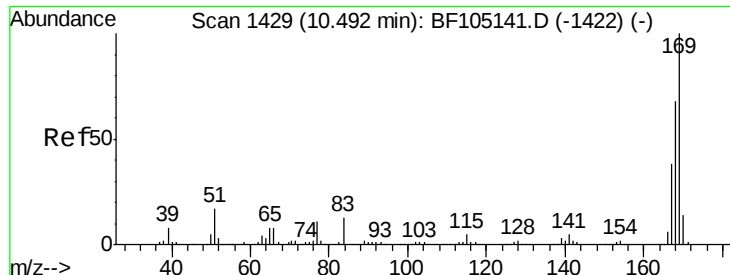
Tot Ion:188 Resp: 774420
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 13.10 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion:198 Resp: 12308
Ion Ratio Lower Upper
198 100
51 48.7 37.7 77.7
105 42.7 36.3 76.3

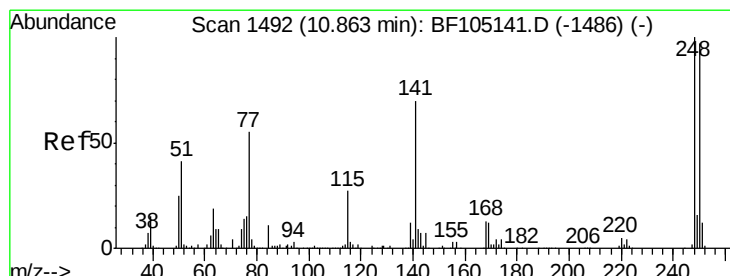
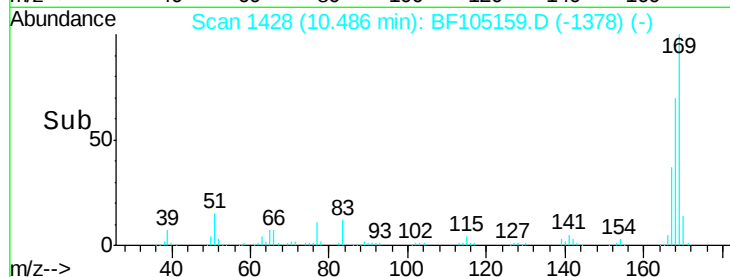
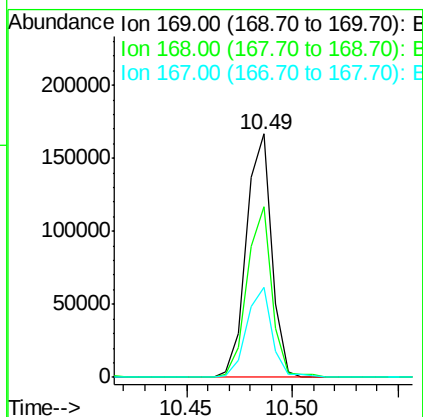
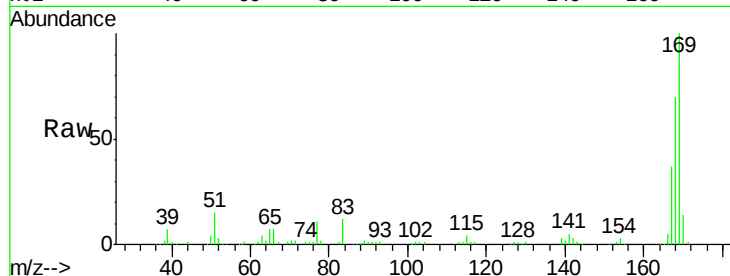




#65
 n-Nitrosodiphenylamine
 Concen: 5.75 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

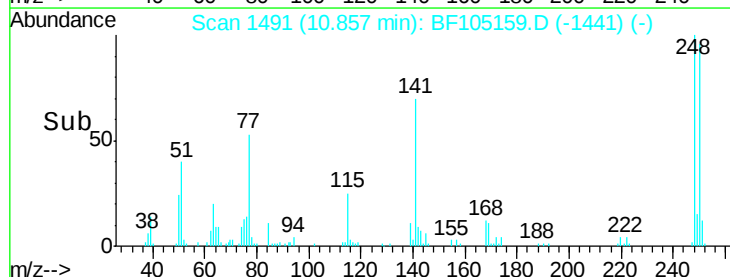
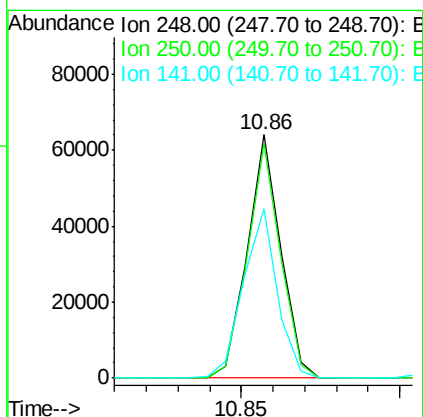
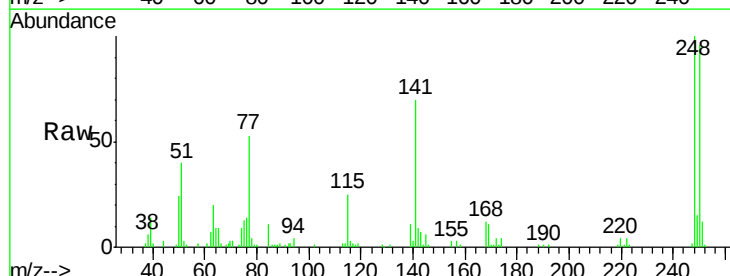
Instrument :
 BNA_F
 ClientSampleId :

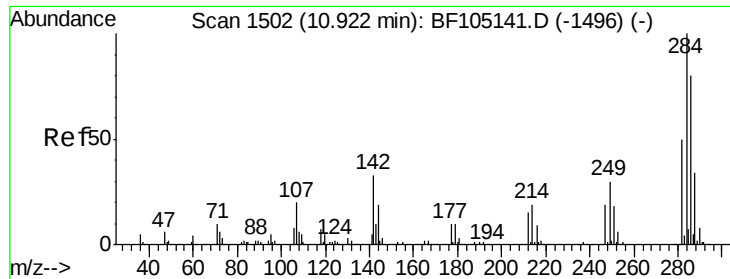
Tot Ion:169 Resp: 138822
 Ion Ratio Lower Upper
 169 100
 168 70.2 54.4 81.6
 167 36.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 5.66 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Tgt Ion:248 Resp: 46777
 Ion Ratio Lower Upper
 248 100
 250 96.1 76.9 115.3
 141 69.7 74.4 111.6#

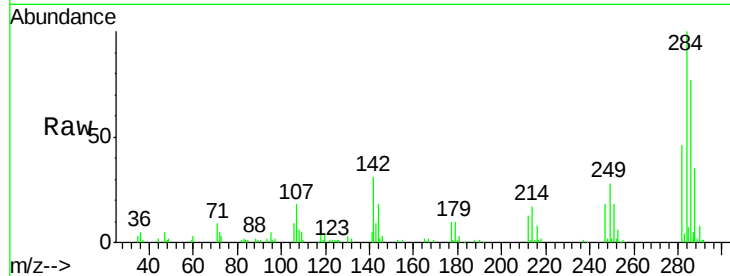




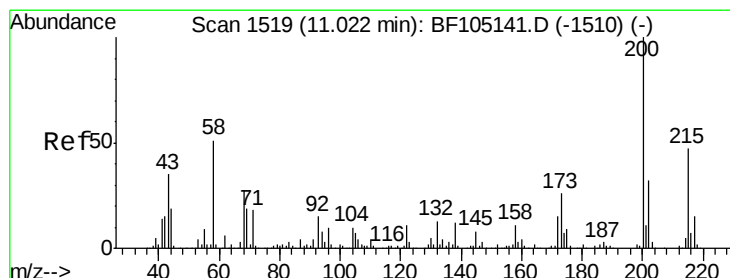
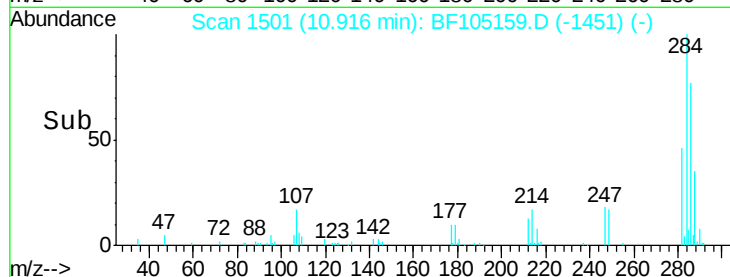
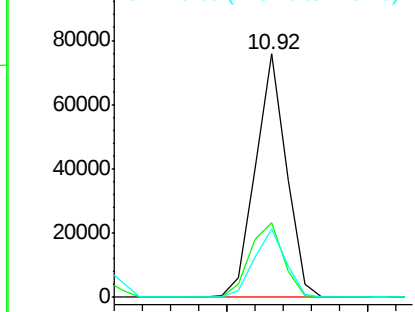
#67
Hexachlorobenzene
Concen: 6.04 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 57453
Ion Ratio Lower Upper
284 100
142 30.6 34.6 52.0#
249 28.3 24.8 37.2

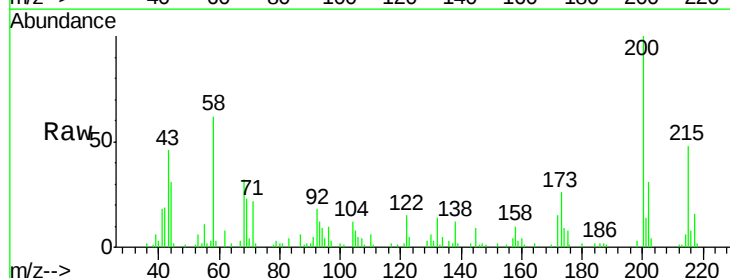


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

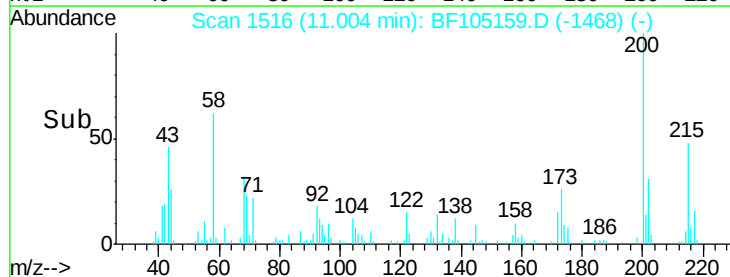
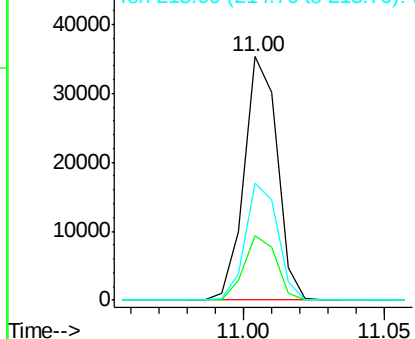


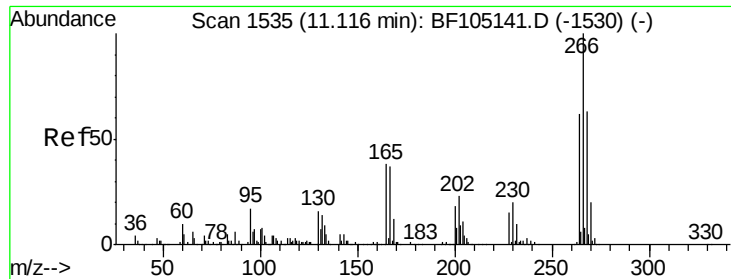
#68
Atrazine
Concen: 3.79 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion:200 Resp: 28686
Ion Ratio Lower Upper
200 100
173 26.3 8.6 48.6
215 47.9 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

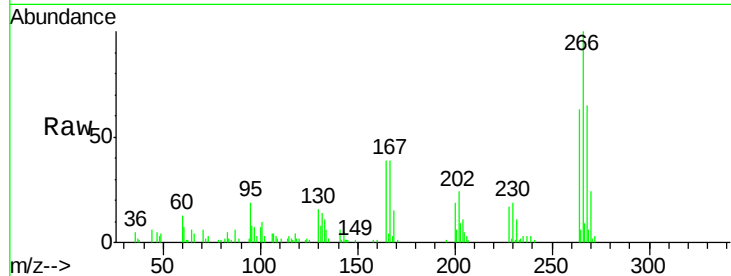




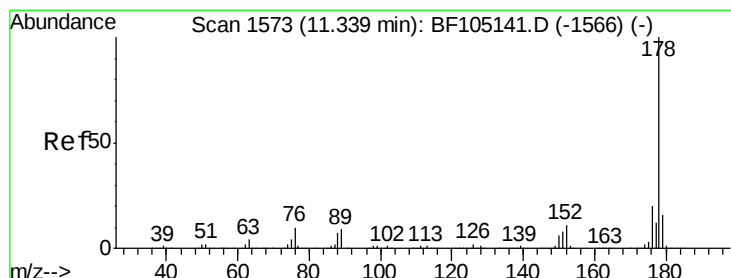
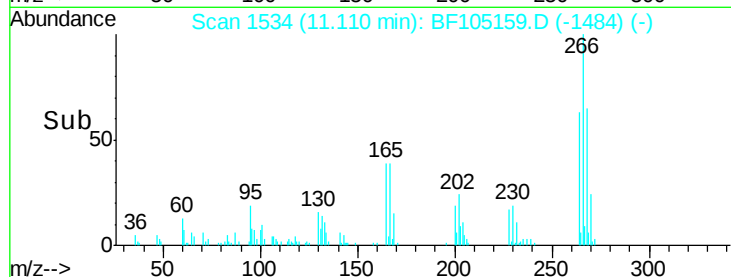
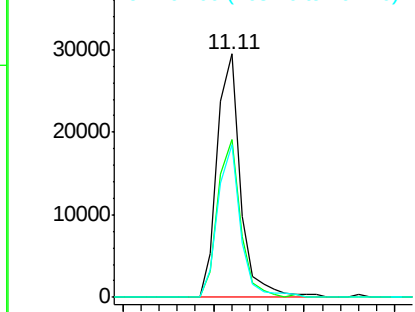
#69
 Pentachlorophenol
 Concen: 7.75 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 26482
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.1 76.7
 264 62.8 49.5 74.3

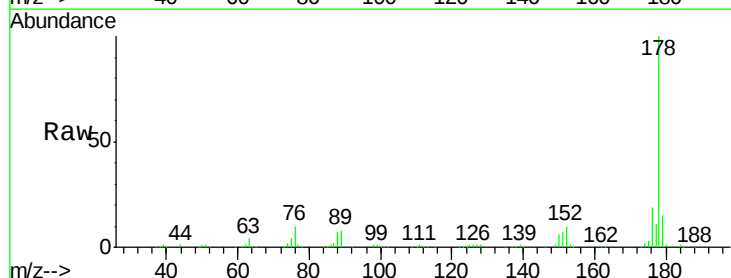


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

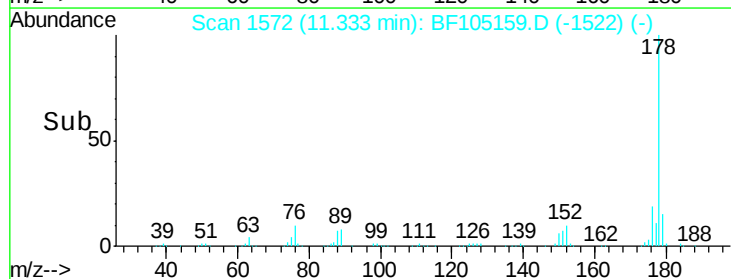
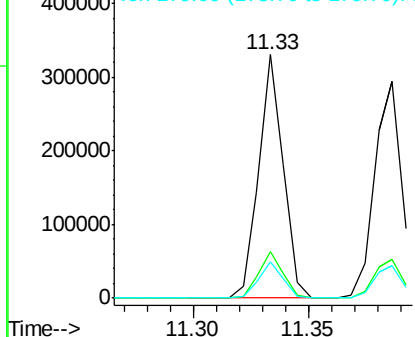


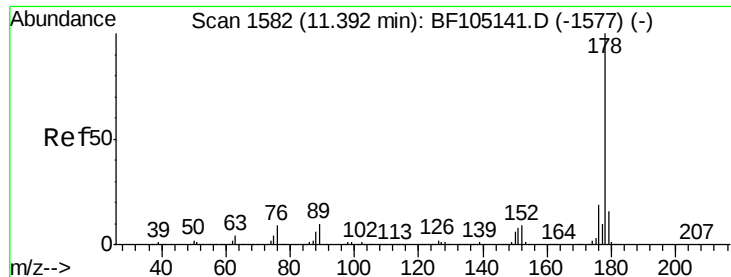
#70
 Phenanthrene
 Concen: 6.01 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Tgt Ion:178 Resp: 245337
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 14.7 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

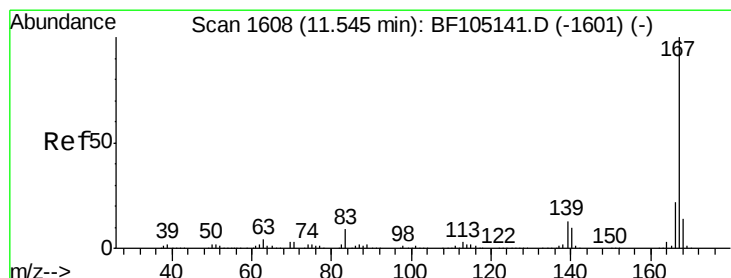
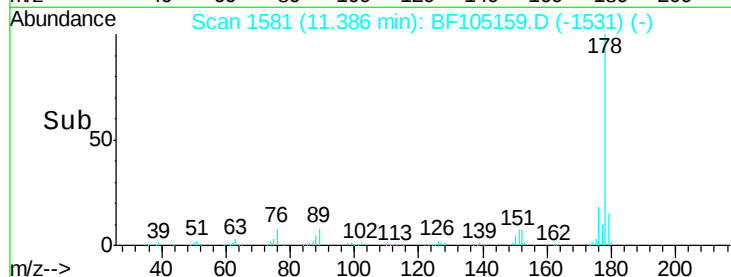
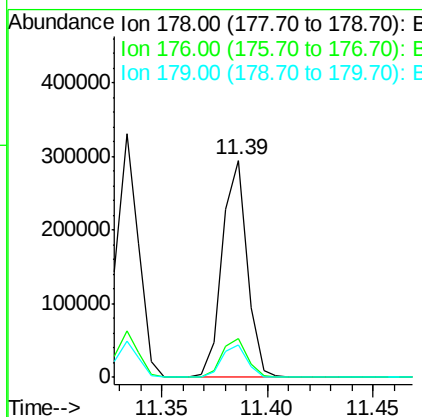
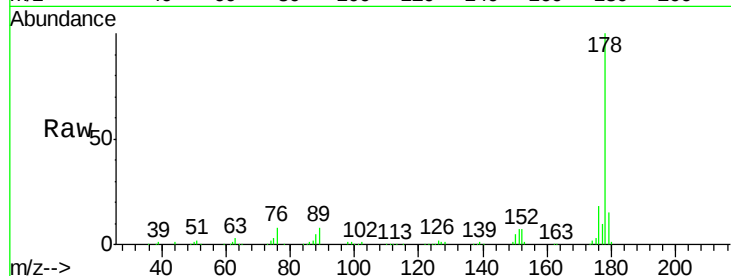




#71
 Anthracene
 Concen: 5.81 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

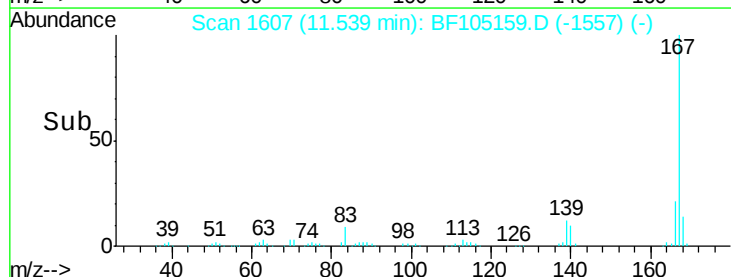
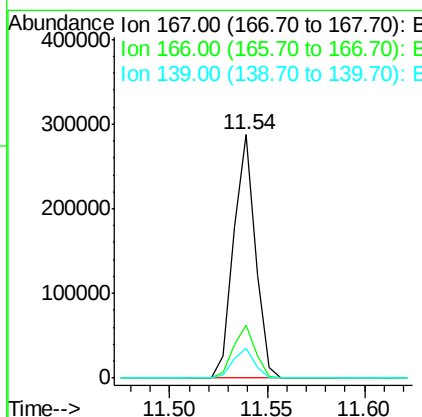
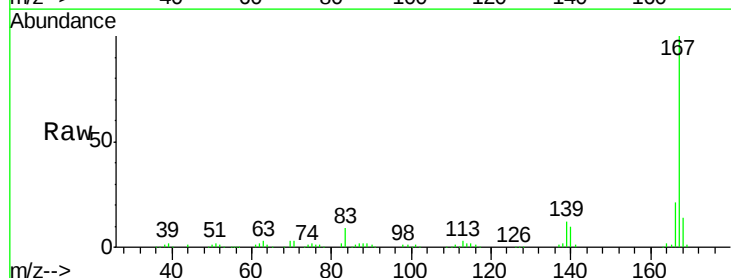
Instrument :
 BNA_F
 ClientSampleId :

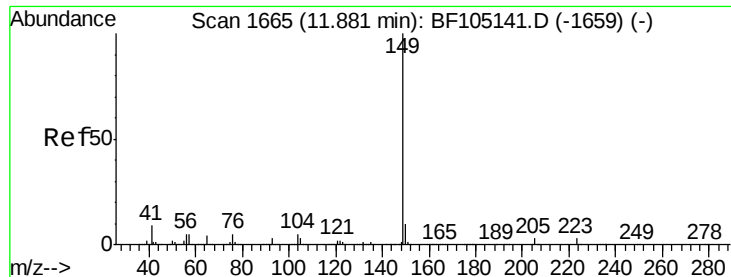
Tot Ion:178 Resp: 240828
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 5.94 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Tgt Ion:167 Resp: 221966
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 5.74 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105159.D

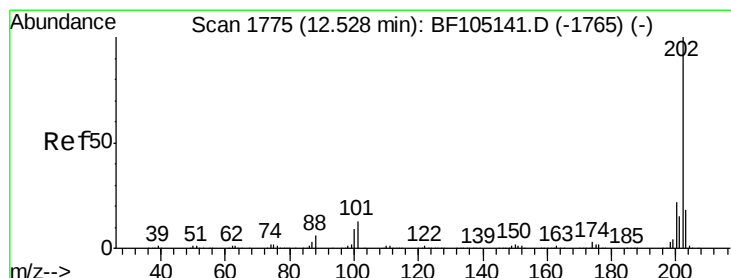
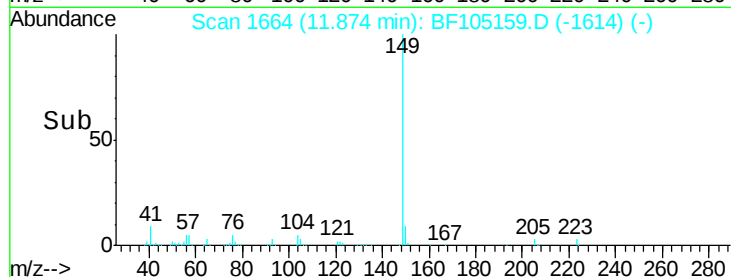
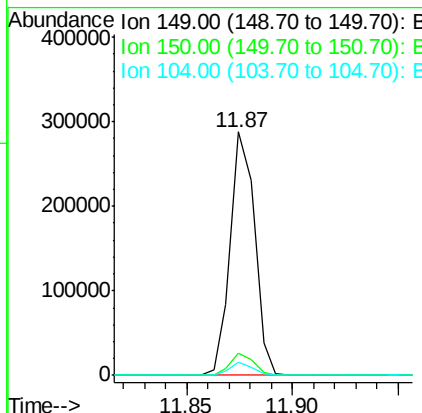
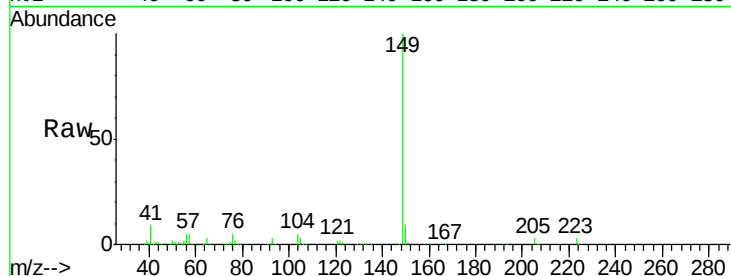
Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	229645
Ion Ratio	Lower	Upper
149	100	
150	9.0	7.8 11.6
104	5.2	3.8 5.8



#74

Fluoranthene

Concen: 5.88 ng

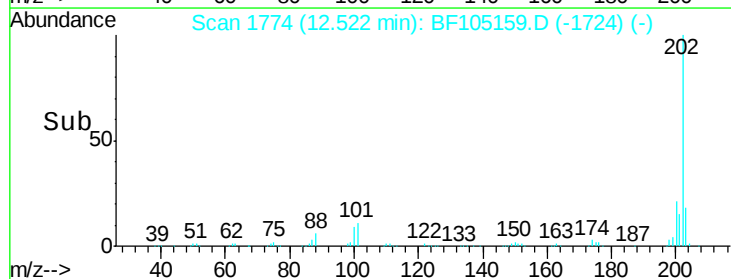
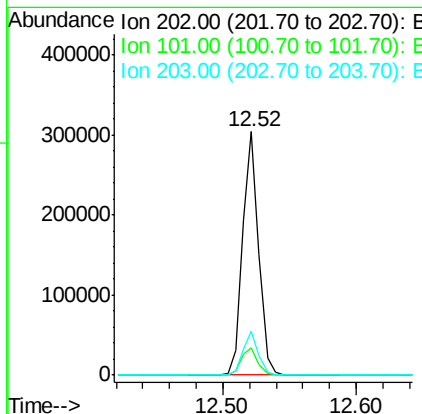
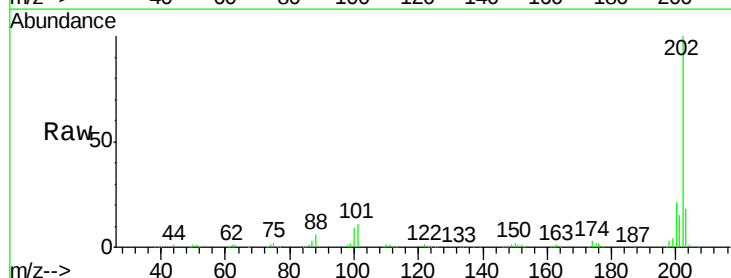
RT: 12.52 min Scan# 1774

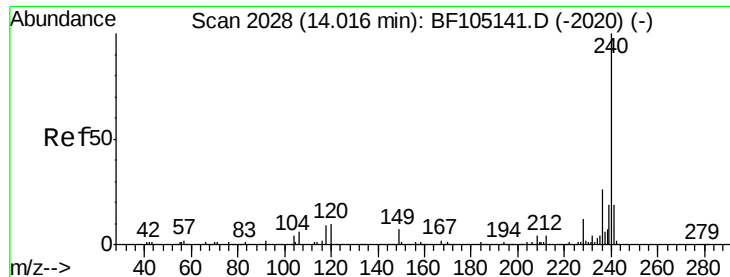
Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Tgt Ion:202	Resp:	250296
Ion Ratio	Lower	Upper
202	100	
101	11.2	0.0 34.1
203	18.0	0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

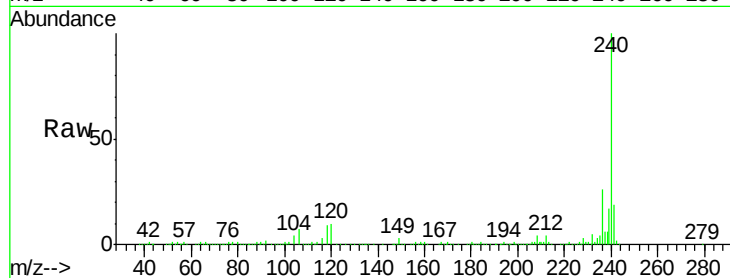
Tot Ion:240 Resp: 666629

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

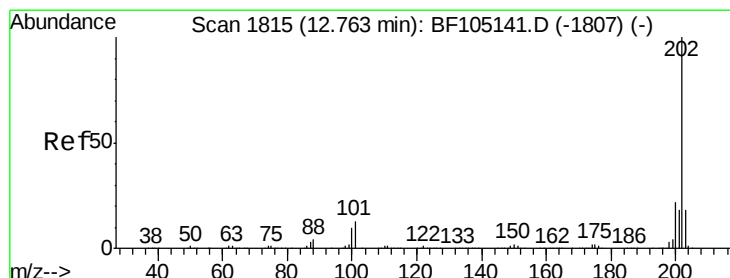
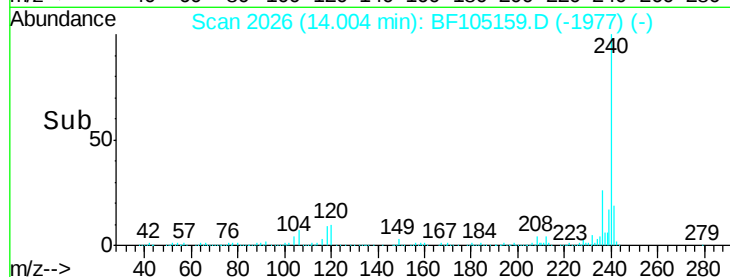
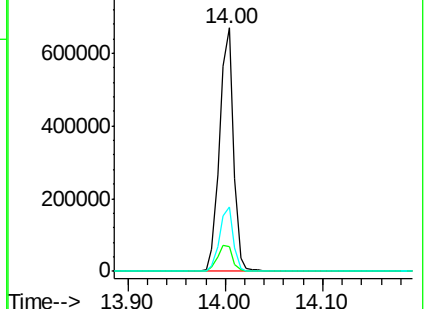
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.35 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

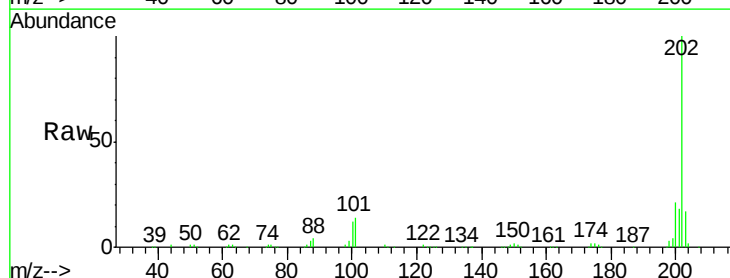
Tgt Ion:202 Resp: 259371

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

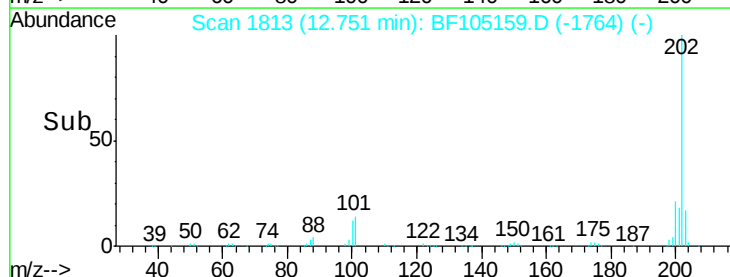
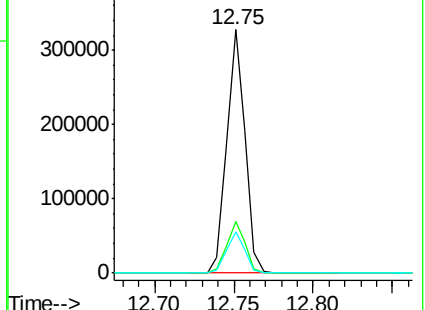
203 17.1 14.3 21.5

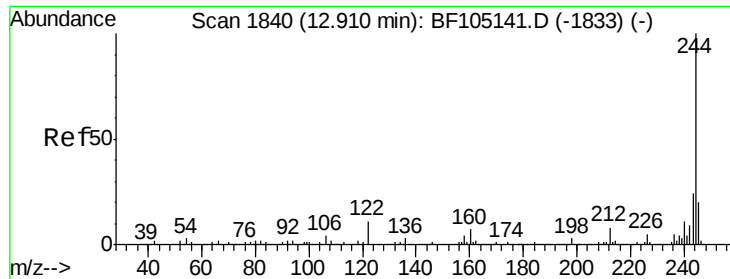


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

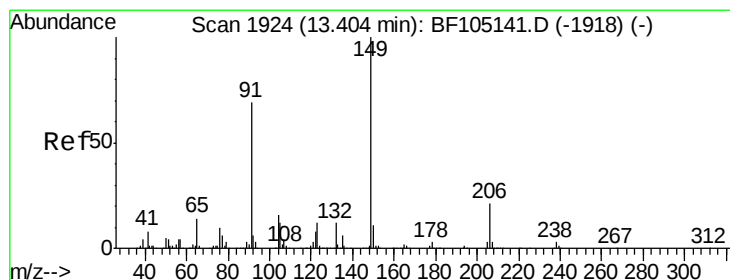
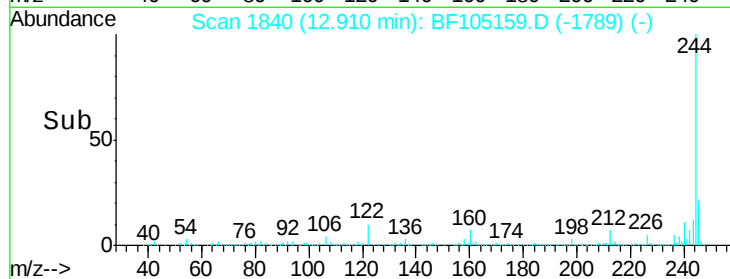
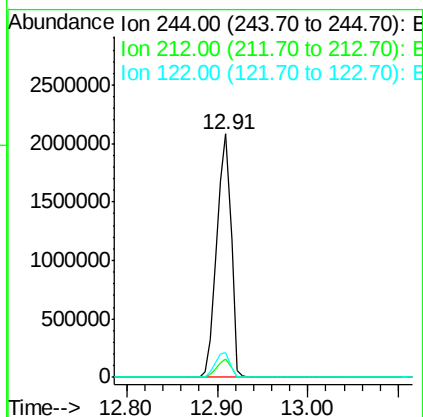
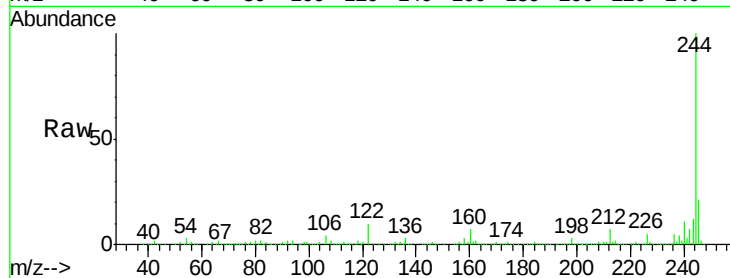




#78
 Terphenyl-d14
 Concen: 78.54 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

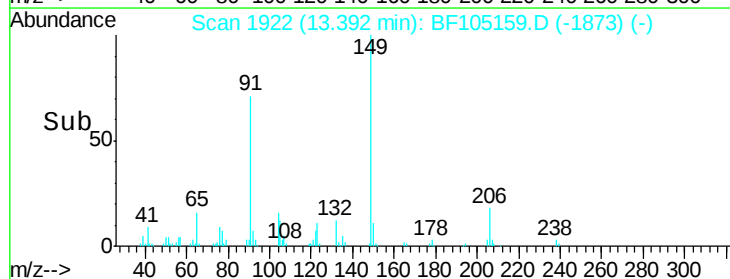
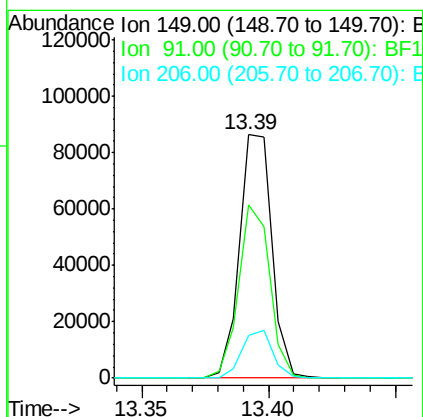
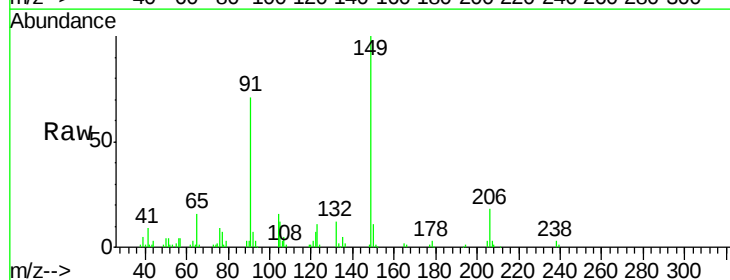
Instrument :
 BNA_F
 ClientSampled :

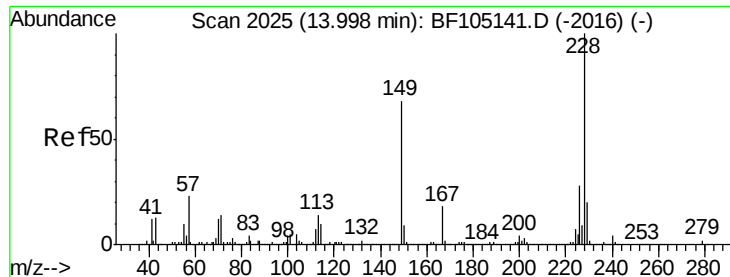
Tot Ion:244 Resp: 2254077
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 10.3 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 10.64 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF105159.D
 Acq: 8 May 2018 22:05

Tgt Ion:149 Resp: 76495
 Ion Ratio Lower Upper
 149 100
 91 71.1 56.8 85.2
 206 17.8 14.1 21.1





#80

Benzo(a)anthracene

Concen: 5.51 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

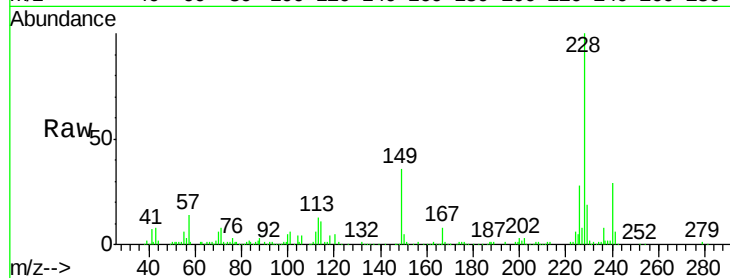
Tot Ion:228 Resp: 222609

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

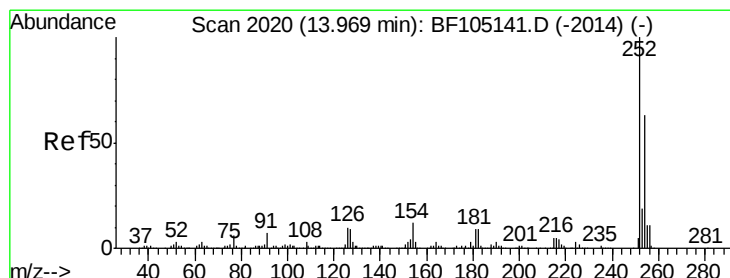
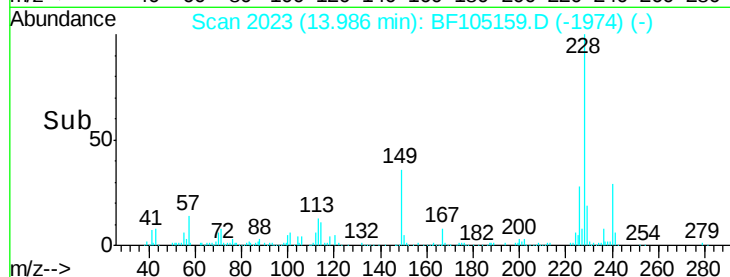
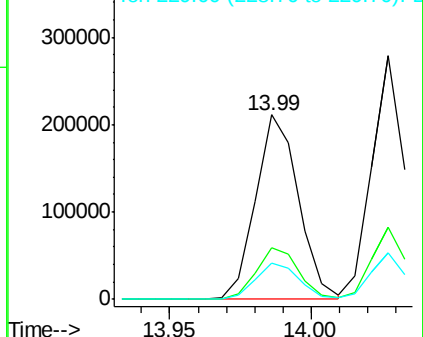
229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 3.94 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

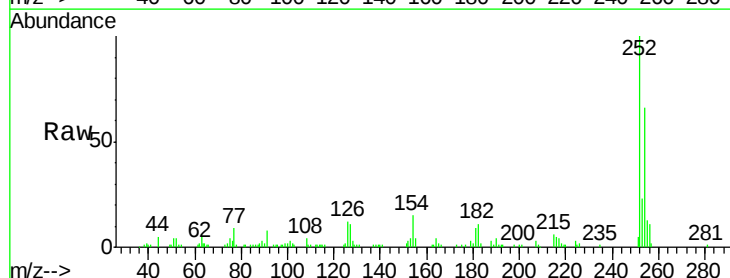
Tgt Ion:252 Resp: 59885

Ion Ratio Lower Upper

252 100

254 65.8 50.4 75.6

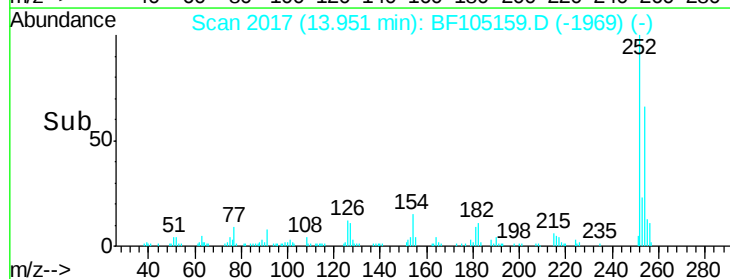
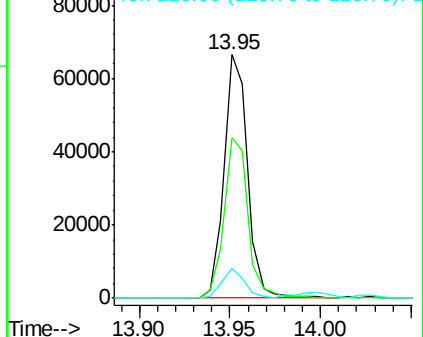
126 12.1 11.3 16.9

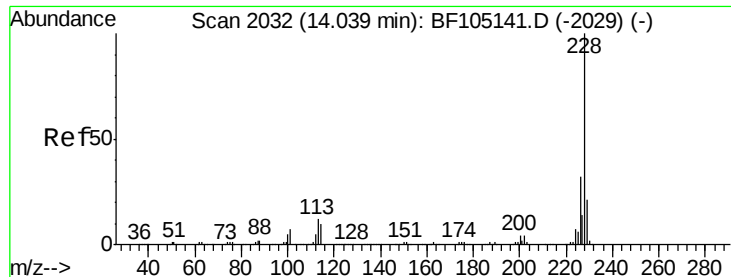


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 5.42 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

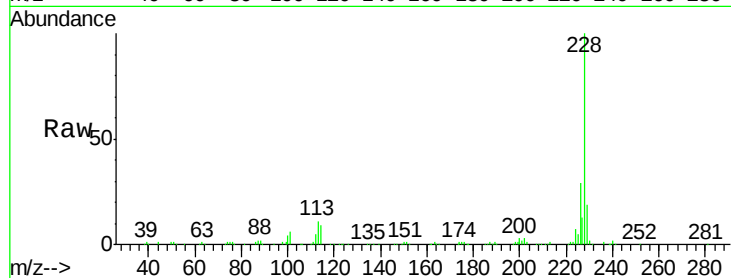
Tot Ion:228 Resp: 225691

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

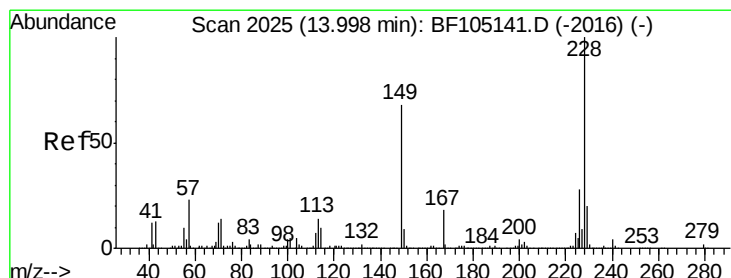
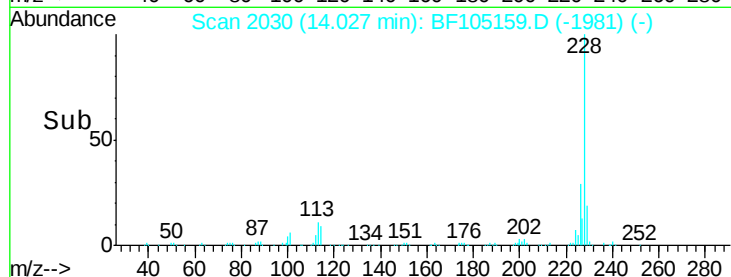
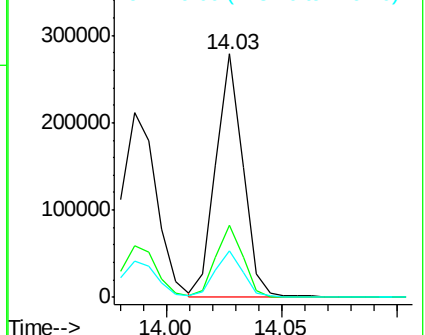
229 19.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.73 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

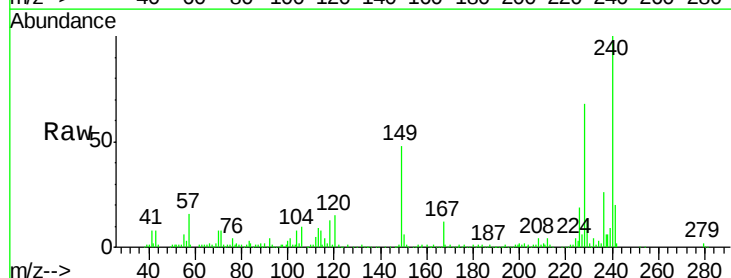
Tgt Ion:149 Resp: 114814

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

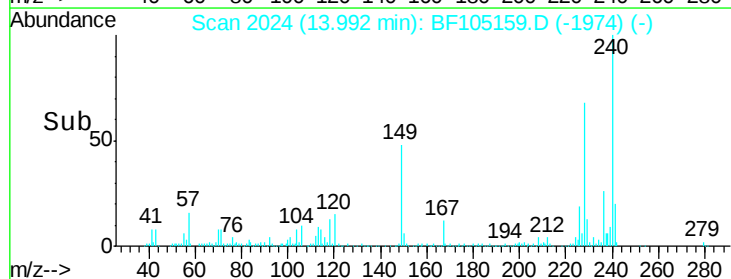
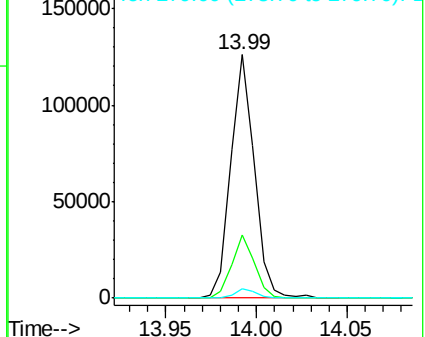
279 3.7 3.0 4.4

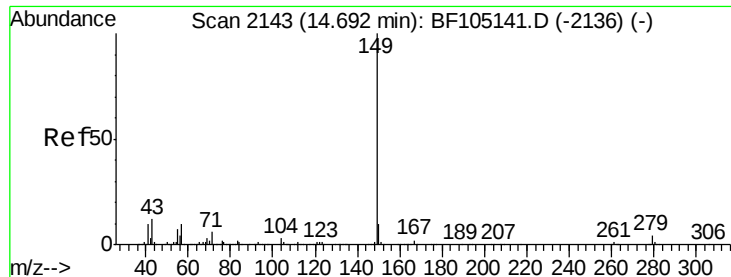


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 10.09 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

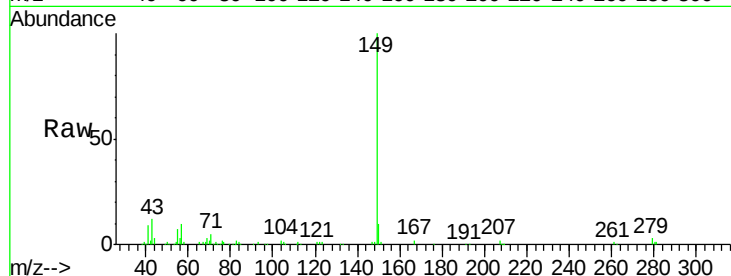
Tot Ion:149 Resp: 143263

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

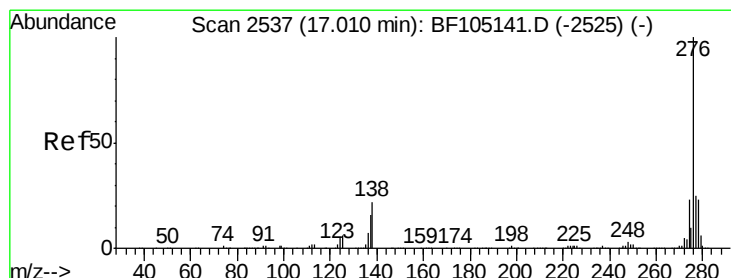
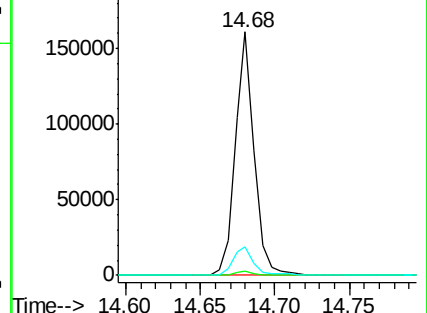
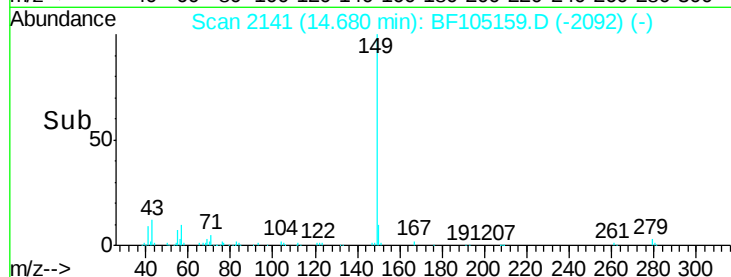
43 13.2 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.56 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.03 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

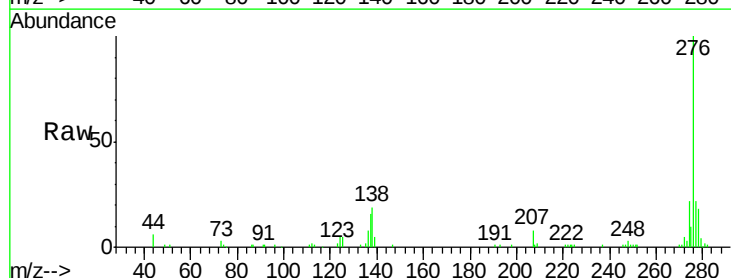
Tgt Ion:276 Resp: 150409

Ion Ratio Lower Upper

276 100

138 25.4 25.0 37.6

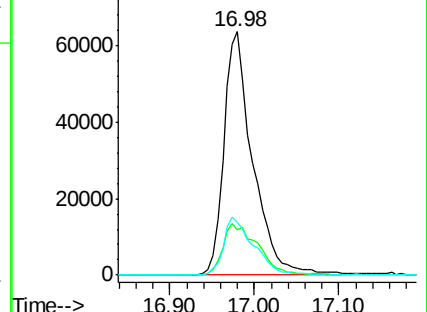
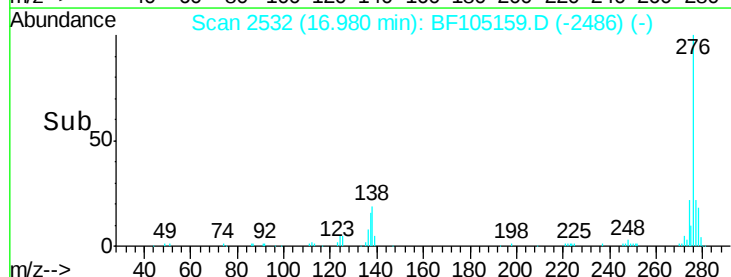
277 24.9 20.1 30.1

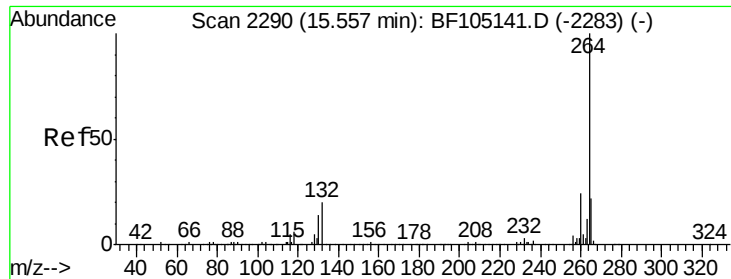


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

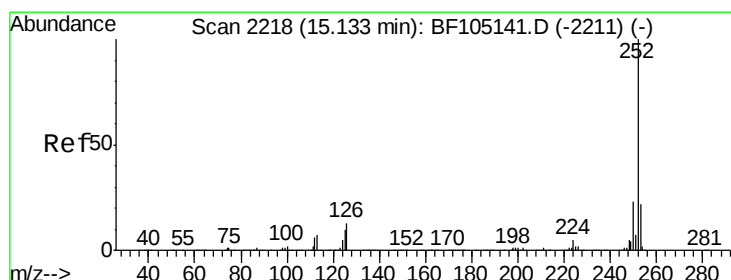
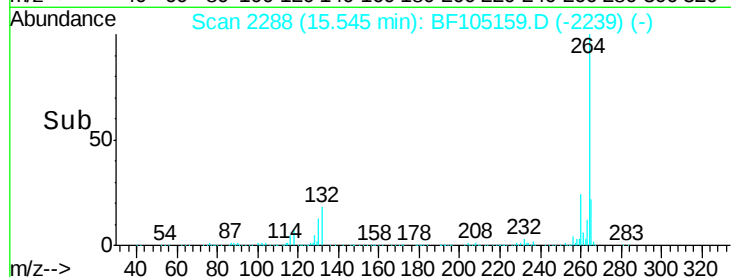
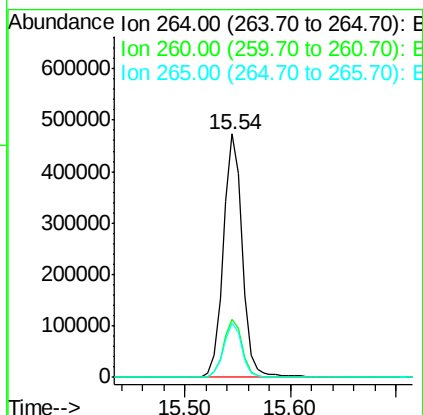
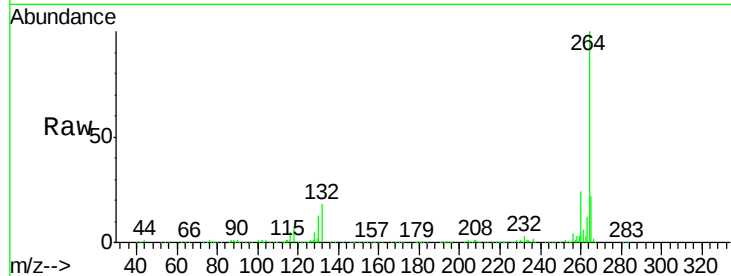




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

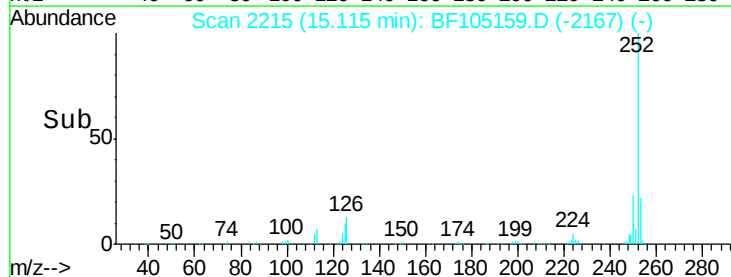
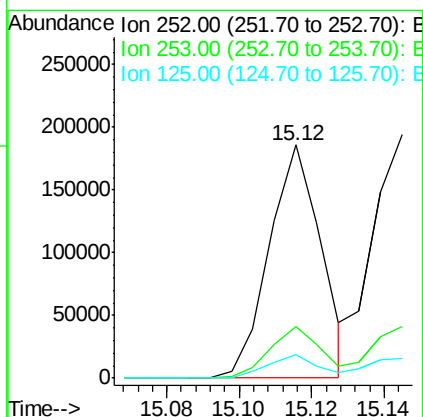
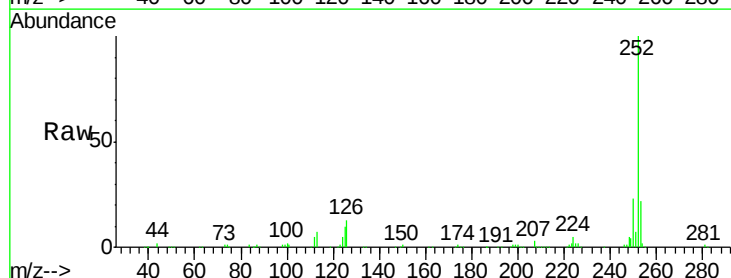
Instrument :
BNA_F
ClientSampleId :

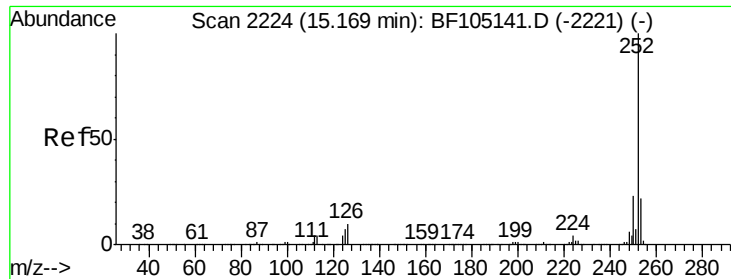
Tot Ion:264 Resp: 589877
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 5.13 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion:252 Resp: 185230
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 10.1 9.0 13.6

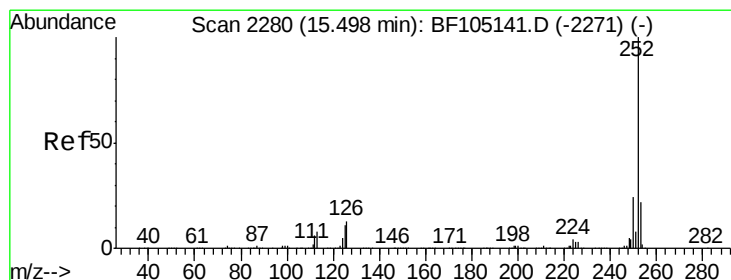
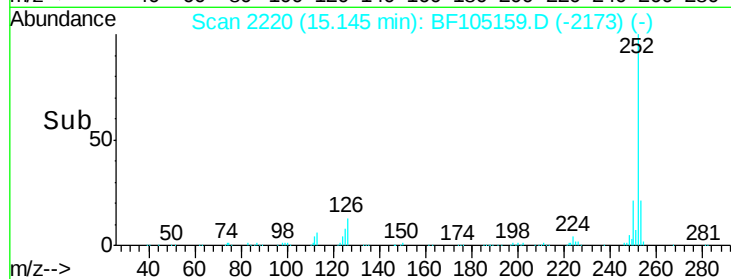
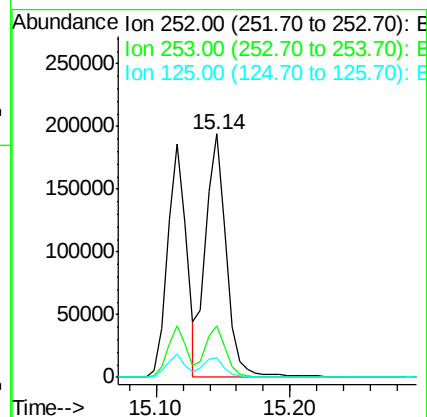
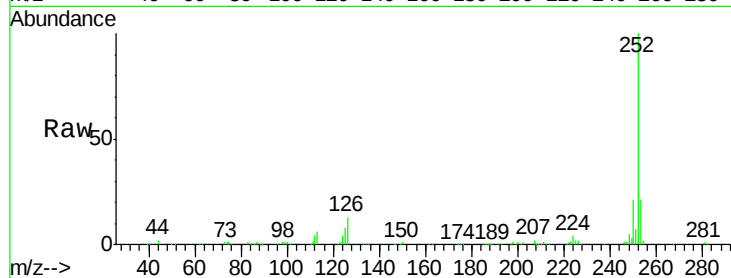




#88
Benzo(k)fluoranthene
Concen: 5.93 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

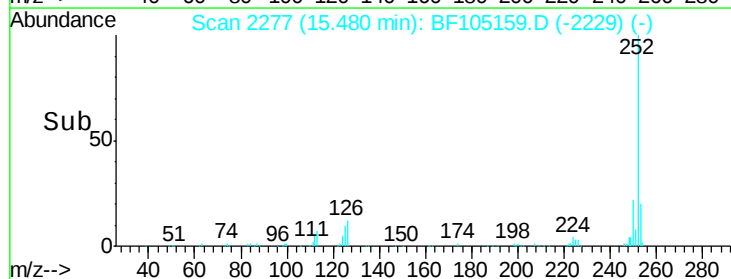
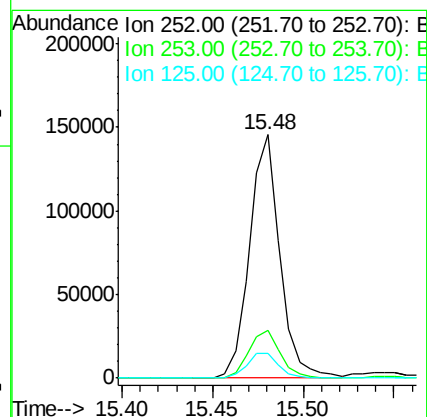
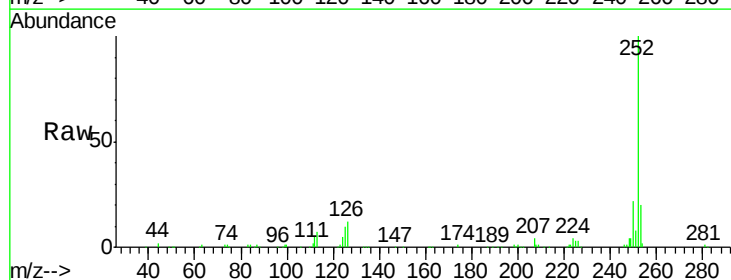
Instrument :
BNA_F
ClientSampleId :

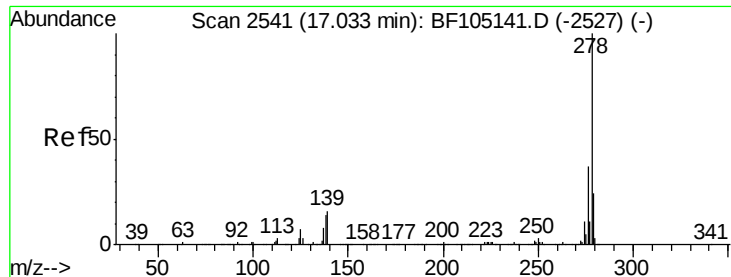
Tot Ion:252 Resp: 207482
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 8.2 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 5.15 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF105159.D
Acq: 8 May 2018 22:05

Tgt Ion:252 Resp: 168960
Ion Ratio Lower Upper
252 100
253 19.8 17.1 25.7
125 10.3 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 4.96 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.03 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

Instrument :

BNA_F

ClientSampleId :

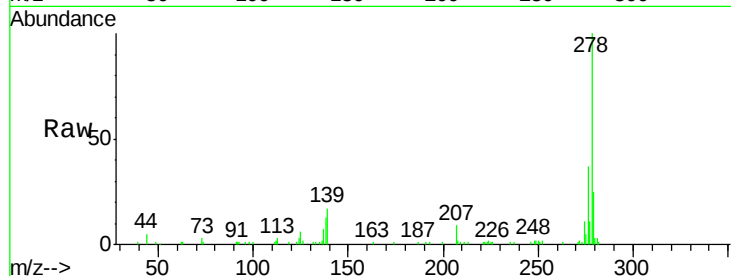
Tot Ion:278 Resp: 126523

Ion Ratio Lower Upper

278 100

139 17.1 15.9 23.9

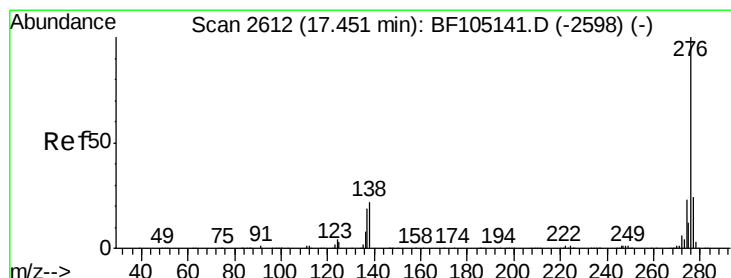
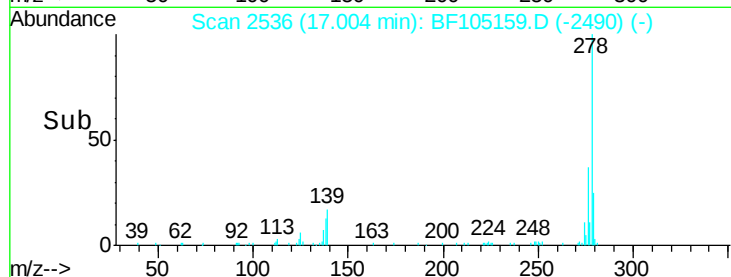
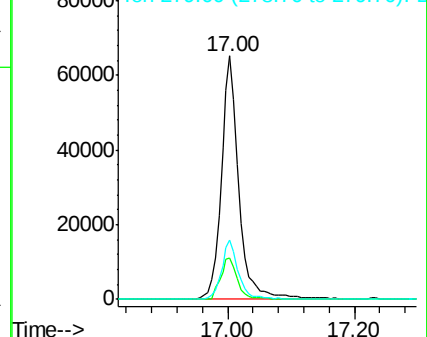
279 24.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.85 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.04 min

Lab File: BF105159.D

Acq: 8 May 2018 22:05

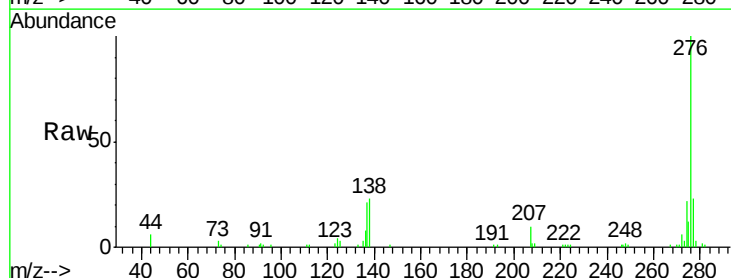
Tgt Ion:276 Resp: 121047

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 22.9 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

