

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105155.D
 Acq On : 8 May 2018 20:19
 Operator : JU/SJ
 Sample : J2133-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:29:16 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	204514	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	830993	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	407014	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	800106	20.00	ng	0.00
75) Chrysene-d12	14.01	240	686163	20.00	ng	0.00
86) Perylene-d12	15.56	264	606577	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1553367	125.13	ng	0.00
7) Phenol-d6	6.42	99	1874695	126.83	ng	0.00
23) Nitrobenzene-d5	7.36	82	1139757	92.96	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	595014	132.51	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2059123	78.52	ng	0.00
78) Terphenyl-d14	12.91	244	2334520	79.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	52651	8.02	ng	94
3) Pyridine	3.27	79	133502	7.58	ng	84
4) n-Nitrosodimethylamine	3.18	42	60598	6.79	ng	85
6) Aniline	6.46	93	172553	7.99	ng	94
8) 2-Chlorophenol	6.57	128	107494	8.16	ng	93
9) Benzaldehyde	6.35	77	58559	5.17	ng	98
10) Phenol	6.43	94	126613	7.70	ng	100
11) bis(2-Chloroethyl)ether	6.53	93	114883	8.47	ng	93
12) 1,3-Dichlorobenzene	6.73	146	140215	8.83	ng	98
13) 1,4-Dichlorobenzene	6.81	146	138994	8.76	ng	98
14) 1,2-Dichlorobenzene	6.96	146	125386	8.56	ng	98
15) Benzyl Alcohol	6.93	79	109259	9.66	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	204263	8.11	ng	96
17) 2-Methylphenol	7.03	107	96653	8.50	ng	98
18) Hexachloroethane	7.30	117	44842	8.78	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	86164	8.80	ng	92
20) 3+4-Methylphenols	7.19	107	127535	9.54	ng	98
22) Acetophenone	7.20	105	175795	9.08	ng	96
24) Nitrobenzene	7.37	77	126971	9.13	ng	99
25) Isophorone	7.60	82	211027	7.70	ng	97
26) 2-Nitrophenol	7.69	139	43727	16.16	ng	99
27) 2,4-Dimethylphenol	7.72	122	84083	6.90	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	131852	7.79	ng	98
29) 2,4-Dichlorophenol	7.92	162	92951	8.15	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	114763	8.73	ng	97
31) Naphthalene	8.09	128	345702	8.64	ng	99
32) Benzoic acid	7.79	122	57812	16.74	ng	99
33) 4-Chloroaniline	8.14	127	138758	8.34	ng	97
34) Hexachlorobutadiene	8.21	225	68438	8.99	ng	98
35) Caprolactam	8.47	113	27155	7.84	ng	# 79
36) 4-Chloro-3-methylphenol	8.61	107	94844	7.99	ng	95
37) 2-Methylnaphthalene	8.78	142	241384	8.66	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	115962	8.95	ng	97
40) Hexachlorocyclopentadiene	8.93	237	52529	7.50	ng	96

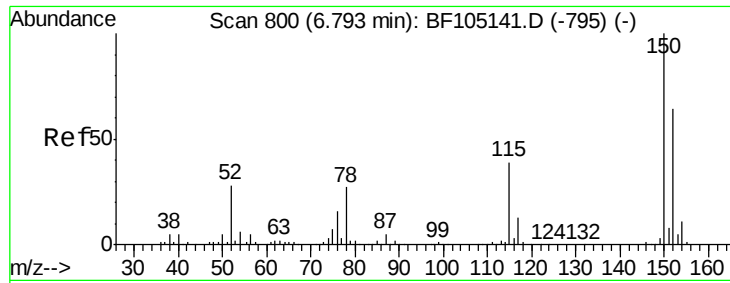
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
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 Acq On : 8 May 2018 20:19
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	64660	8.18	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	71993	8.72	nq	87
45) 1,1'-Biphenyl	9.25	154	318020	9.59	nq	97
46) 2-Chloronaphthalene	9.27	162	223665	9.02	nq	95
47) 2-Nitroaniline	9.36	65	57440	12.87	nq	86
48) Acenaphthylene	9.69	152	352624	9.21	nq	99
49) Dimethylphthalate	9.55	163	258057	9.37	nq	99
50) 2,6-Dinitrotoluene	9.60	165	52085	8.71	nq	90
51) Acenaphthene	9.86	154	229503	9.30	nq	99
52) 3-Nitroaniline	9.77	138	54473	8.65	nq	97
53) 2,4-Dinitrophenol	9.87	184	11107	16.02	nq	# 20
54) Dibenzofuran	10.03	168	316206	8.76	nq	100
55) 4-Nitrophenol	9.92	139	38060	10.65	nq	88
56) 2,4-Dinitrotoluene	10.00	165	63293	10.97	nq	# 98
57) Fluorene	10.37	166	252146	9.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	58375	7.92	nq	# 88
59) Diethylphthalate	10.25	149	251989	9.31	nq	96
60) 4-Chlorophenyl-phenylether	10.37	204	119471	9.70	nq	92
61) 4-Nitroaniline	10.38	138	52651	8.40	nq	97
62) Azobenzene	10.53	77	246670	8.73	nq	97
64) 4,6-Dinitro-2-methylphenol	10.41	198	22128	16.14	nq	91
65) n-Nitrosodiphenylamine	10.49	169	220027	8.82	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	72860	8.54	nq	92
67) Hexachlorobenzene	10.92	284	84408	8.58	nq	93
68) Atrazine	11.01	200	43659	5.59	nq	96
69) Pentachlorophenol	11.11	266	45423	10.74	nq	98
70) Phenanthrene	11.33	178	377817	8.96	nq	99
71) Anthracene	11.39	178	374028	8.73	nq	99
72) Carbazole	11.54	167	345766	8.95	nq	98
73) Di-n-butylphthalate	11.88	149	373670	9.05	nq	99
74) Fluoranthene	12.52	202	393492	8.95	nq	97
76) Benzidine	12.65	184	59462	2.32	nq	# 92
77) Pyrene	12.75	202	413246	8.28	nq	98
79) Butylbenzylphthalate	13.40	149	129453	13.04	nq	99
80) Benzo(a)anthracene	14.00	228	343724	8.26	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	106653	6.82	nq	# 97
82) Chrysene	14.03	228	352257	8.22	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	190752	9.24	nq	97
84) Di-n-octyl phthalate	14.69	149	261728	12.53	nq	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	242955	7.15	nq	95
87) Benzo(b)fluoranthene	15.13	252	293452	7.91	nq	99
88) Benzo(k)fluoranthene	15.16	252	333435	9.27	nq	# 96
89) Benzo(a)pyrene	15.50	252	273062	8.09	nq	98
90) Dibenzo(a,h)anthracene	17.02	278	210921	8.05	nq	97
91) Benzo(g,h,i)perylene	17.43	276	197887	7.72	nq	94

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

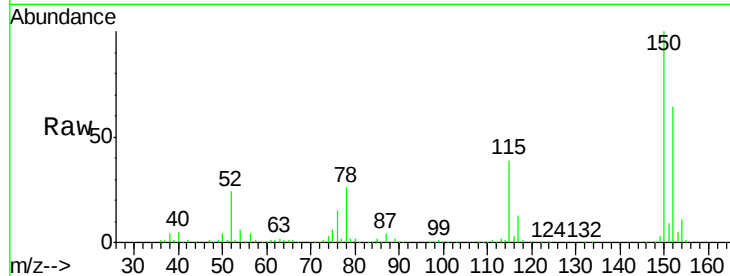


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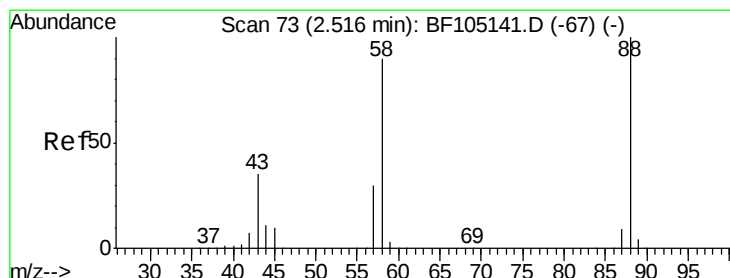
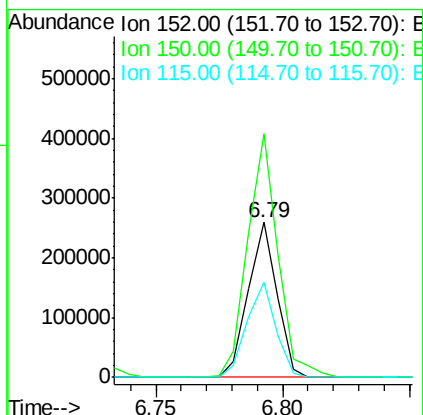
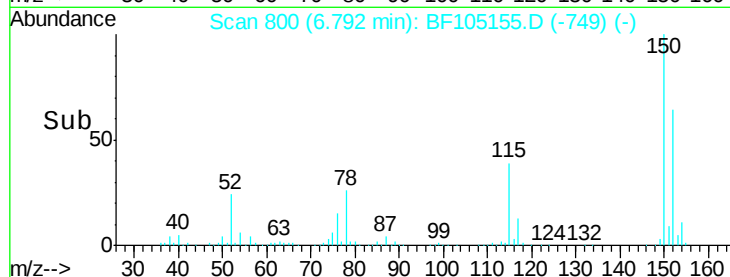
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 204514
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.4 50.1 75.1



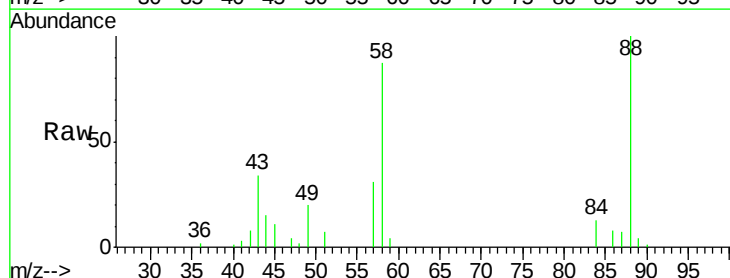
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



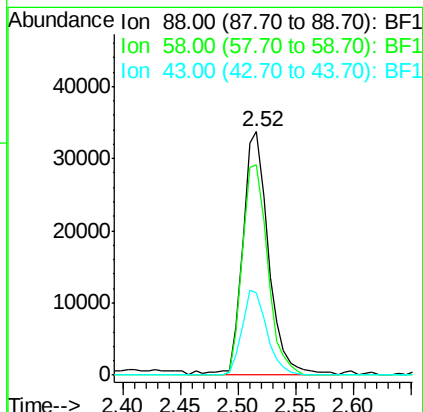
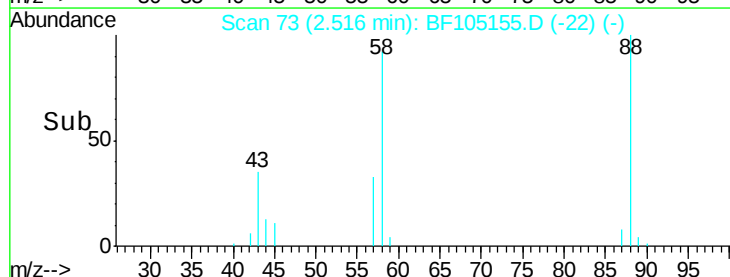
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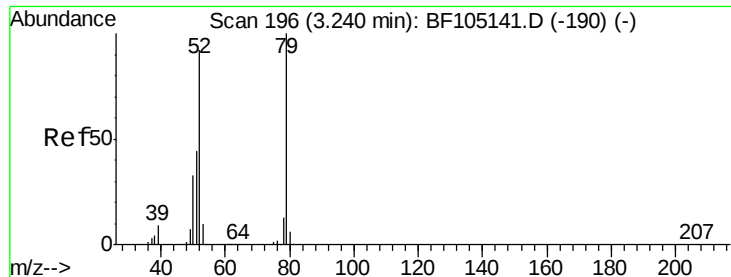
1,4-Dioxane
Concen: 8.02 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion: 88 Resp: 52651
Ion Ratio Lower Upper
88 100
58 84.1 62.6 93.8
43 33.2 24.6 37.0



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

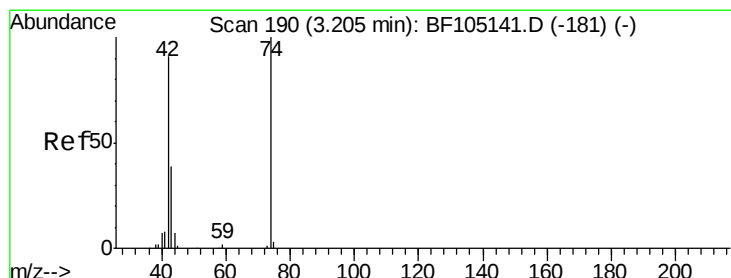
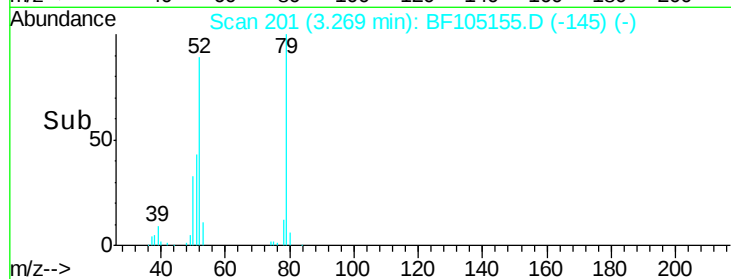
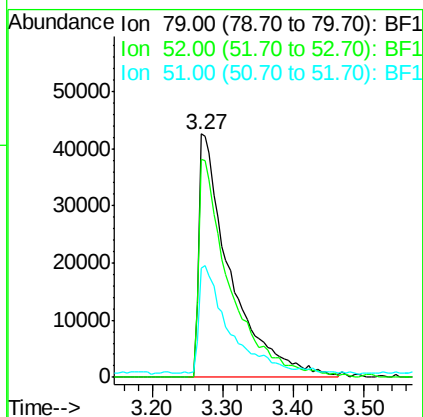
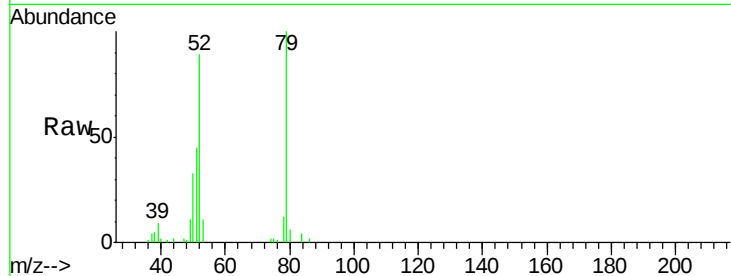




#3
 Pvridine
 Concen: 7.58 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.03 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

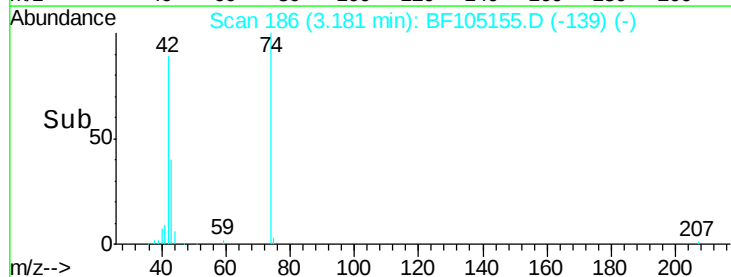
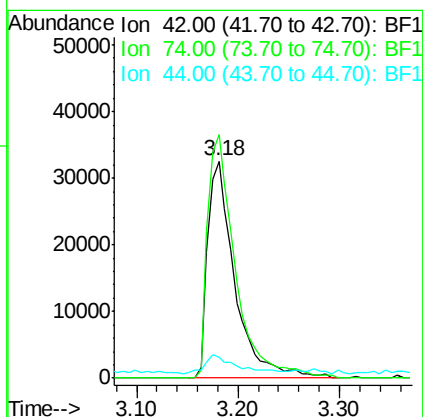
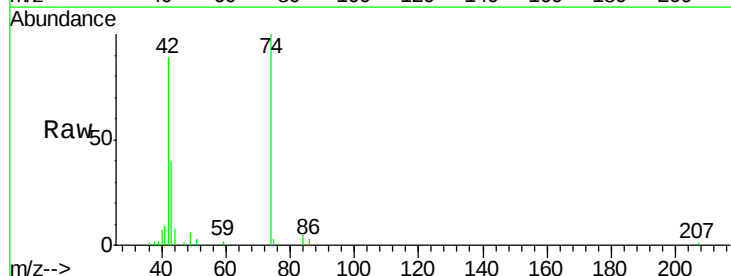
Instrument :
 BNA_F
 ClientSampleId :

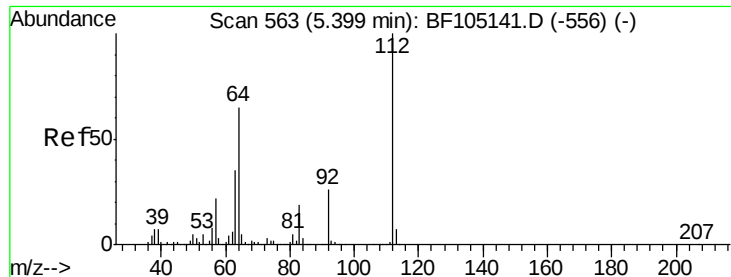
Tot Ion: 79 Resp: 133502
 Ion Ratio Lower Upper
 79 100
 52 89.5 59.8 89.6
 51 44.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 6.79 ng
 RT: 3.18 min Scan# 186
 Delta R.T. -0.02 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Tgt Ion: 42 Resp: 60598
 Ion Ratio Lower Upper
 42 100
 74 112.2 104.9 157.3
 44 9.4 6.9 10.3





#5

2-Fluorophenol

Concen: 125.13 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

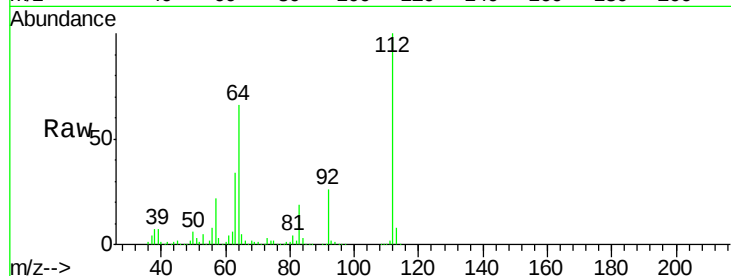
Tot Ion:112 Resp: 1553367

Ion Ratio Lower Upper

112 100

64 65.9 47.9 71.9

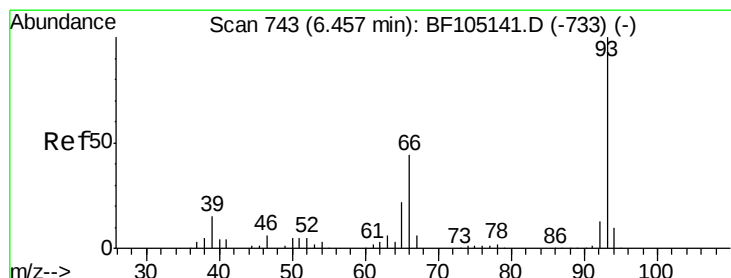
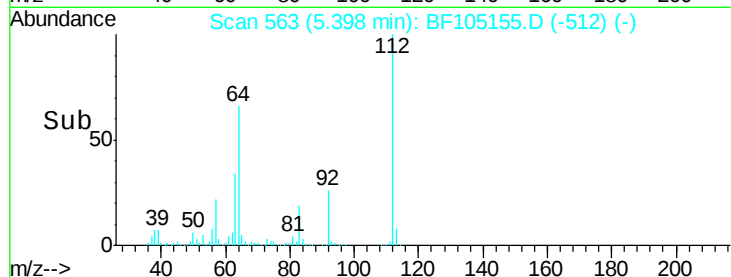
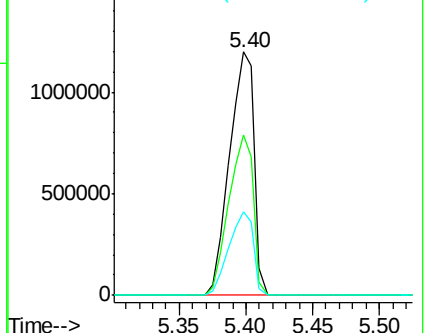
63 34.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.99 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

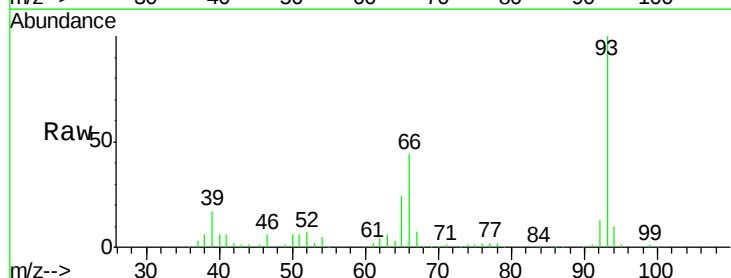
Tgt Ion: 93 Resp: 172553

Ion Ratio Lower Upper

93 100

66 44.0 32.2 48.2

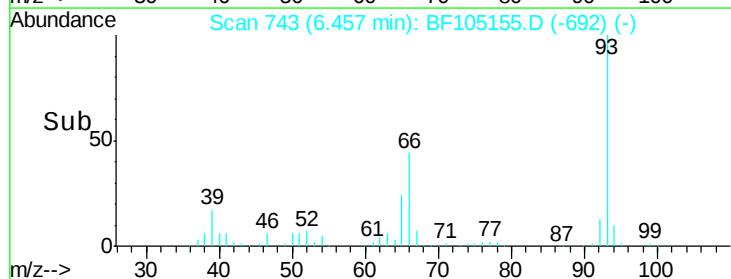
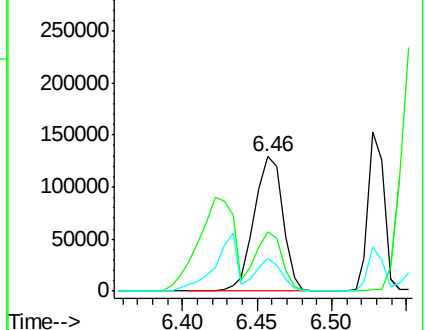
65 23.8 16.4 24.6

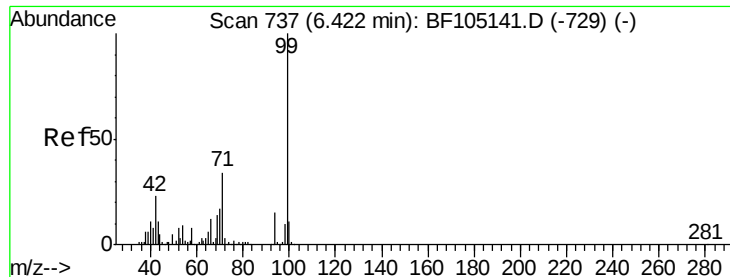


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.83 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

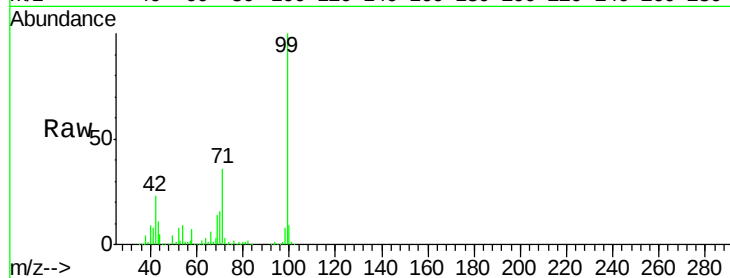
Instrument :

BNA_F

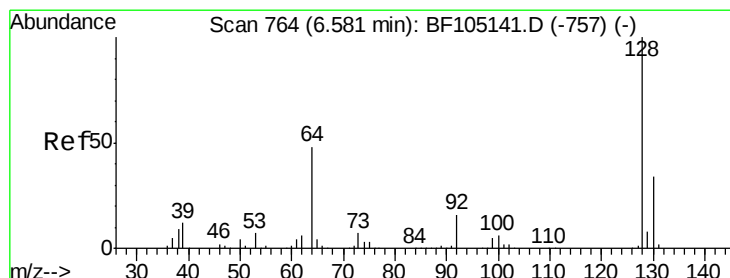
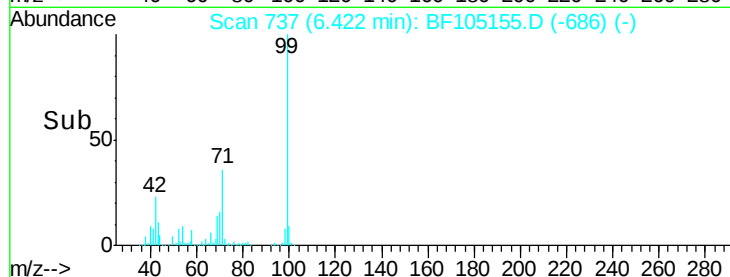
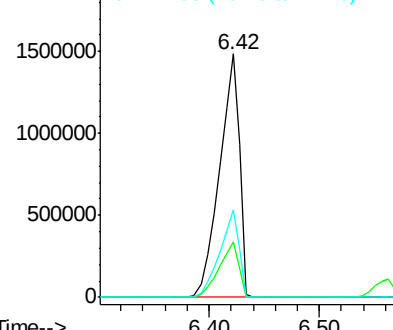
ClientSampleId :

Tot Ion: 99 Resp: 1874695

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	35.8	25.4	38.0



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



#8

2-Chlorophenol

Concen: 8.16 ng

RT: 6.57 min Scan# 763

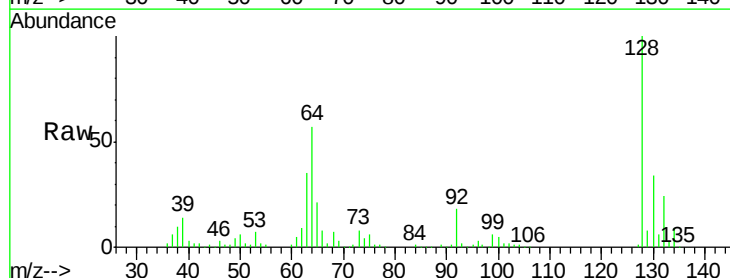
Delta R.T. -0.01 min

Lab File: BF105155.D

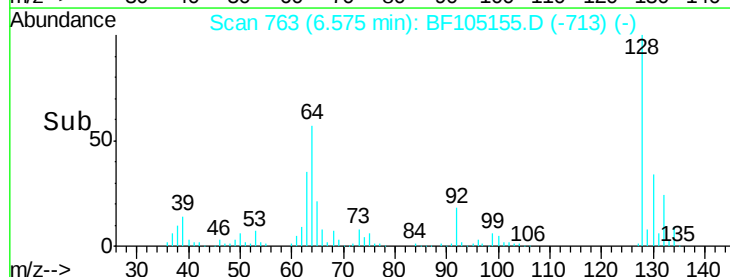
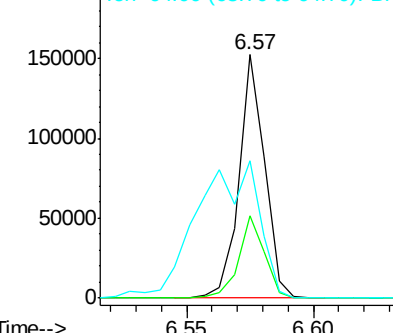
Acq: 8 May 2018 20:19

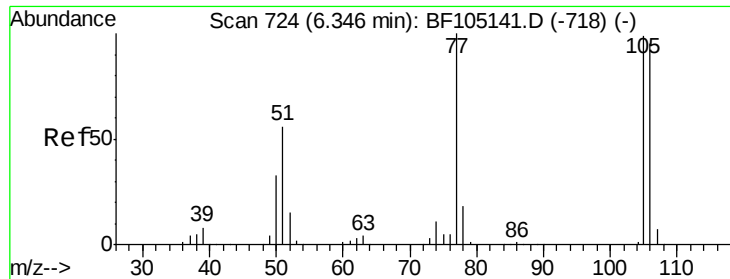
Tgt Ion: 128 Resp: 107494

Ion	Ratio	Lower	Upper
128	100		
130	34.0	13.0	53.0
64	56.6	29.4	69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

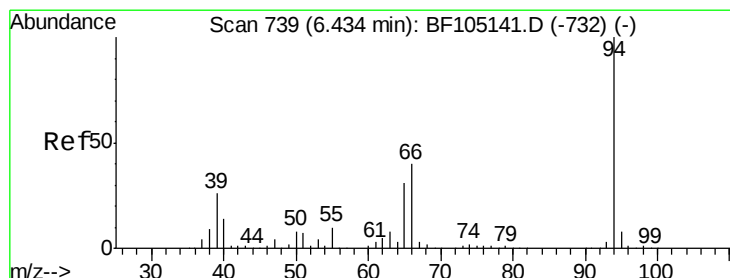
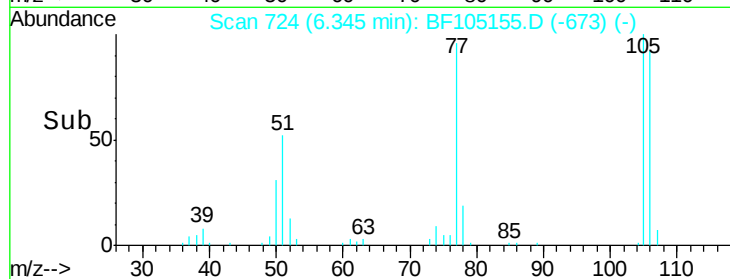
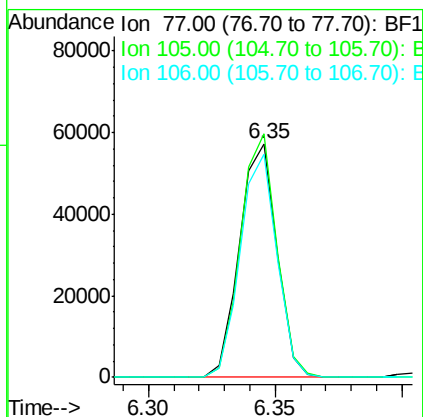
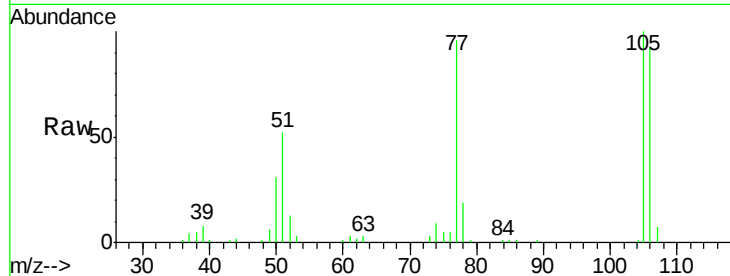




#9
Benzaldehyde
Concen: 5.17 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

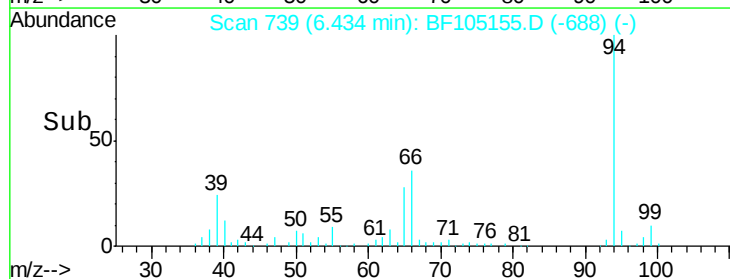
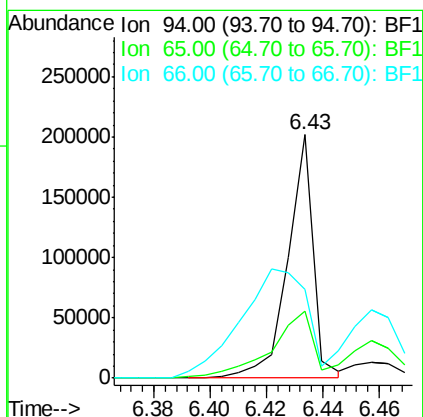
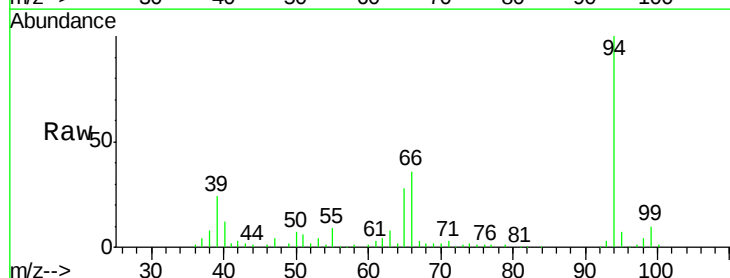
Instrument :
BNA_F
ClientSampleId :

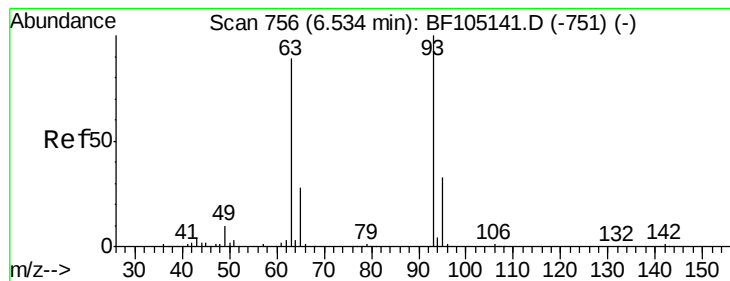
Tot Ion: 77 Resp: 58559
Ion Ratio Lower Upper
77 100
105 104.3 81.1 121.1
106 95.7 74.5 114.5



#10
Phenol
Concen: 7.70 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion: 94 Resp: 126613
Ion Ratio Lower Upper
94 100
65 27.7 7.9 47.9
66 36.4 16.2 56.2

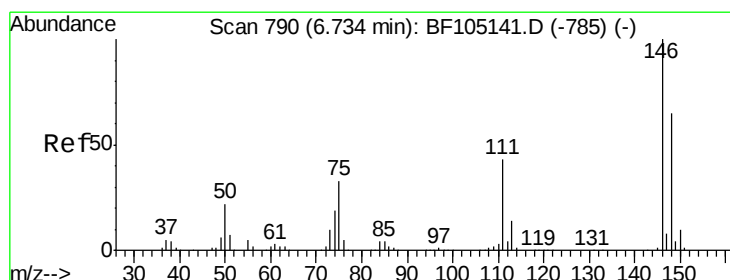
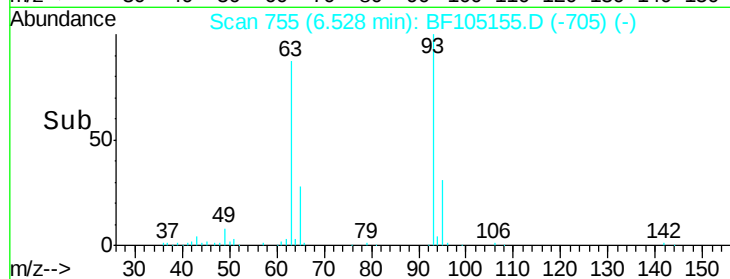
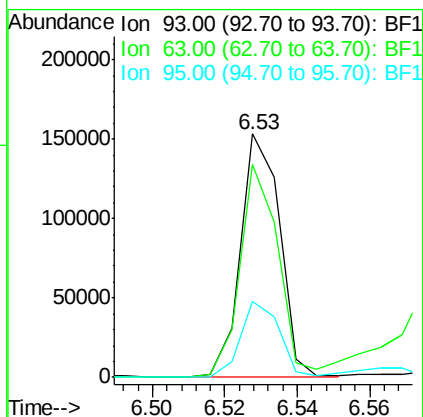
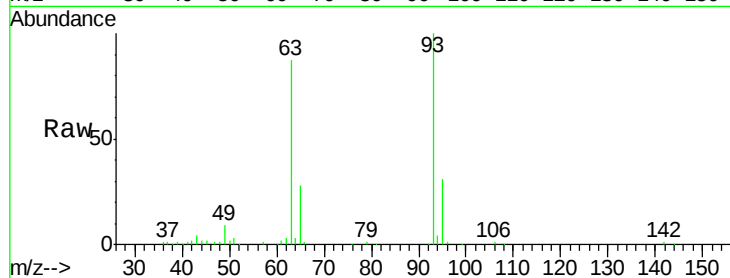




#11
bis(2-Chloroethyl)ether
Concen: 8.47 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

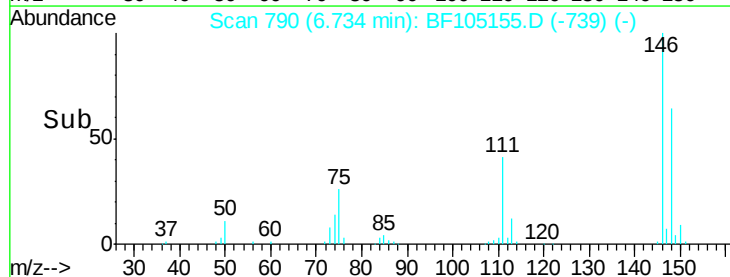
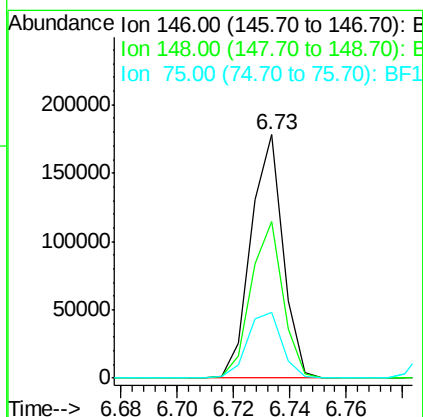
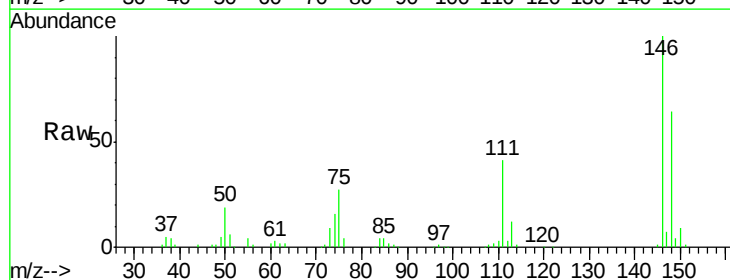
Instrument :
BNA_F
ClientSampleId :

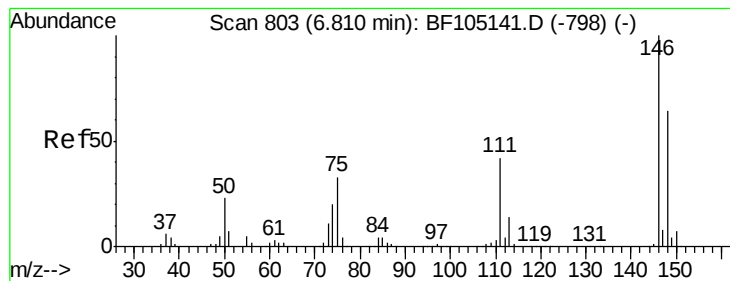
Tot Ion: 93 Resp: 114883
Ion Ratio Lower Upper
93 100
63 87.3 58.6 98.6
95 31.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 8.83 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion: 146 Resp: 140215
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 27.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 8.76 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampled :

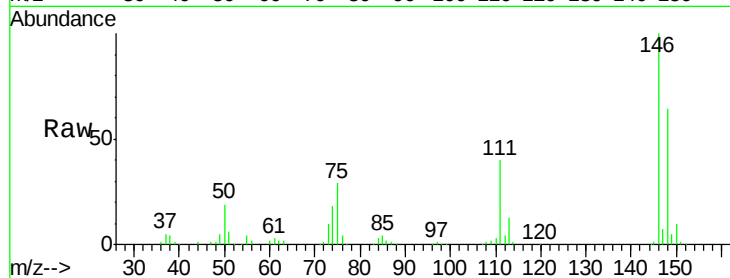
Tot Ion:146 Resp: 138994

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

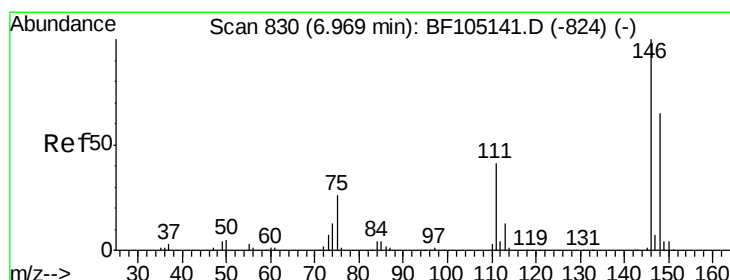
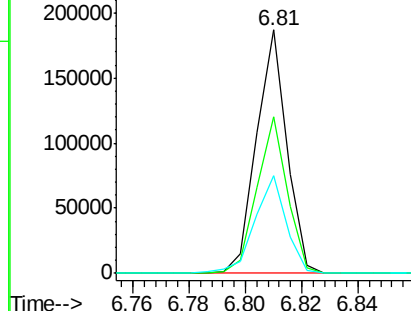
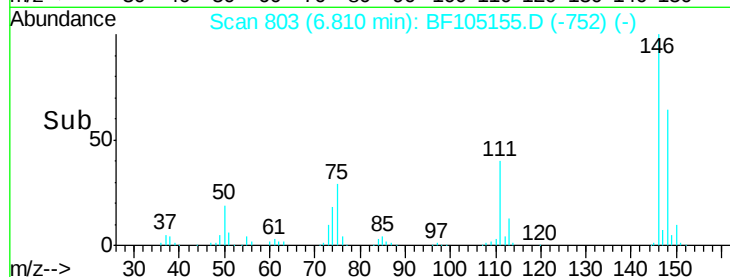
111 40.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 8.56 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

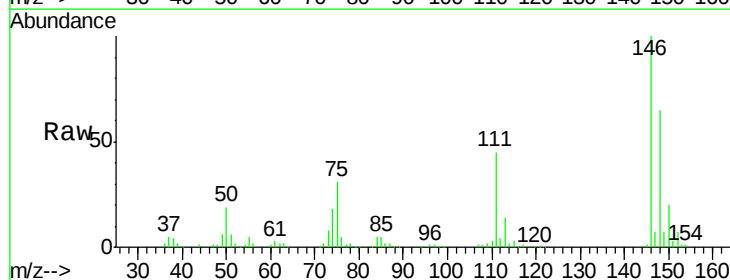
Tgt Ion:146 Resp: 125386

Ion Ratio Lower Upper

146 100

148 65.4 50.6 75.8

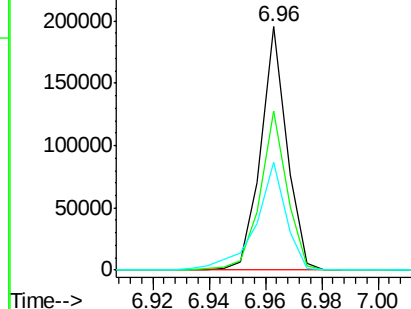
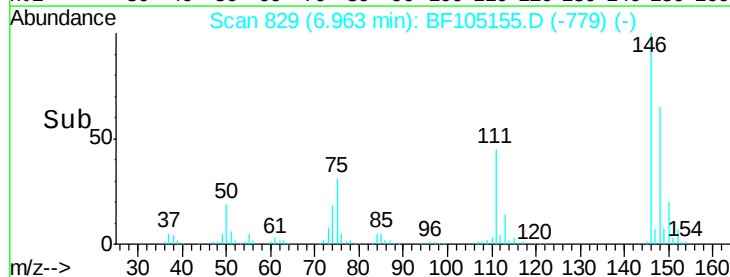
111 44.5 36.0 54.0

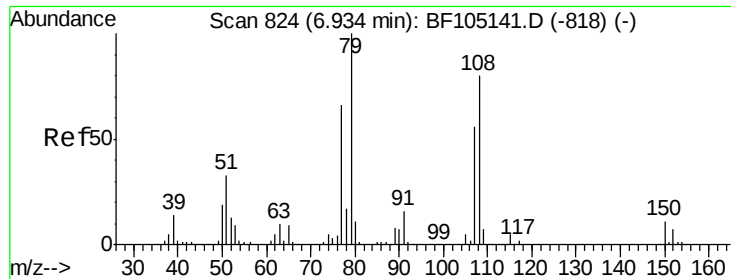


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.66 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

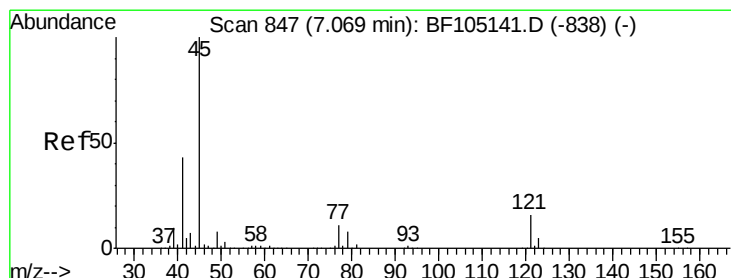
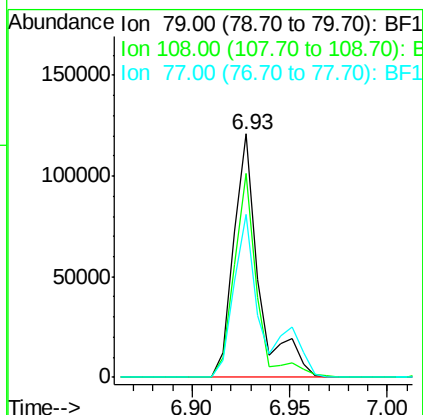
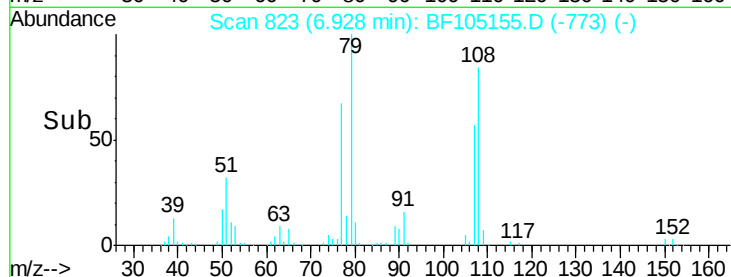
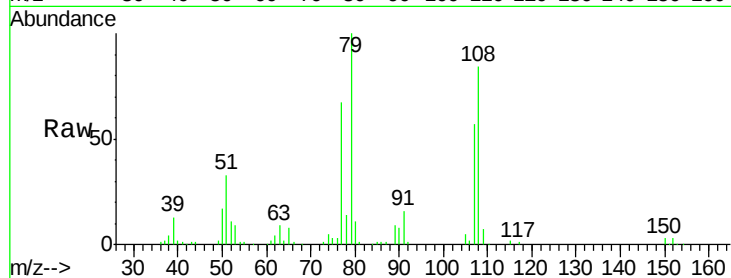
Tot Ion: 79 Resp: 109259

Ion Ratio Lower Upper

79 100

108 84.0 65.1 97.7

77 67.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.11 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

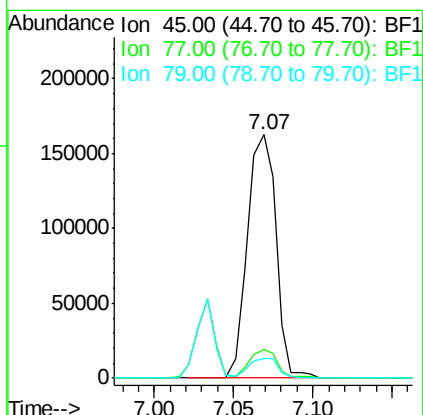
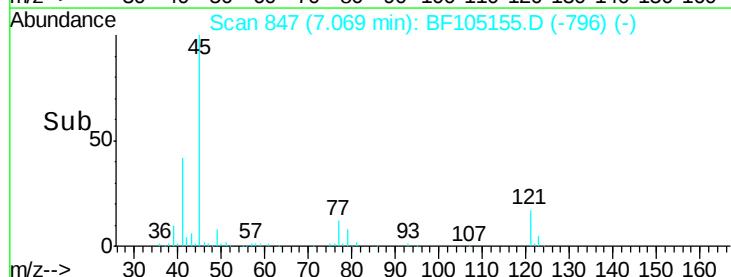
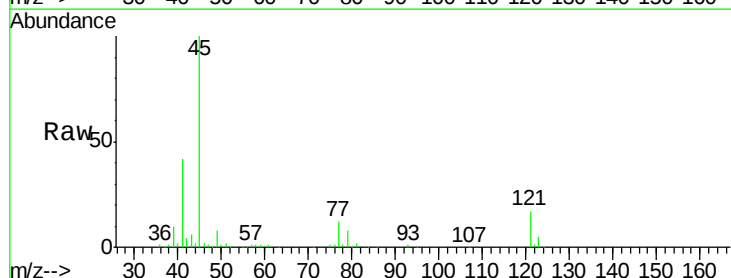
Tgt Ion: 45 Resp: 204263

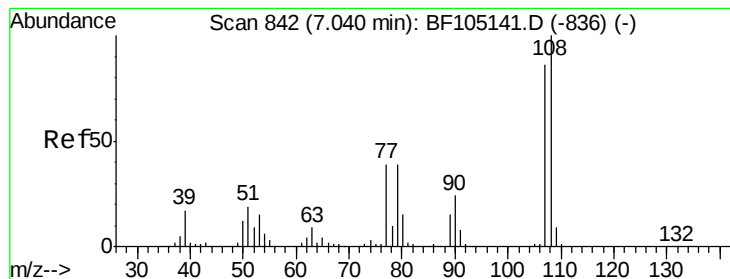
Ion Ratio Lower Upper

45 100

77 11.7 0.0 32.9

79 8.0 0.0 29.6

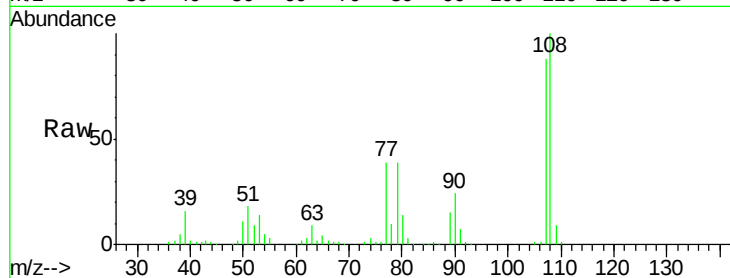




#17
2-Methylphenol
Concen: 8.50 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	43.8	33.8	50.8
79	44.4	33.8	50.8



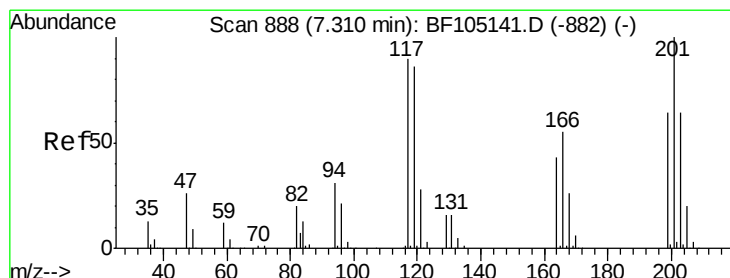
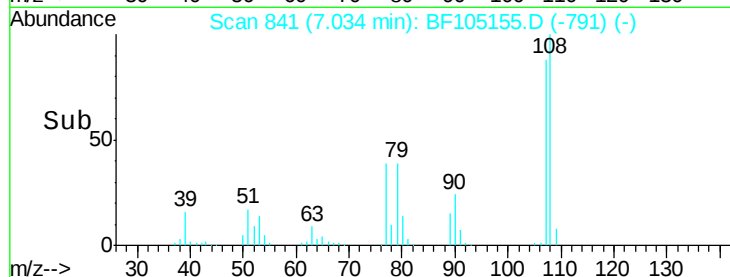
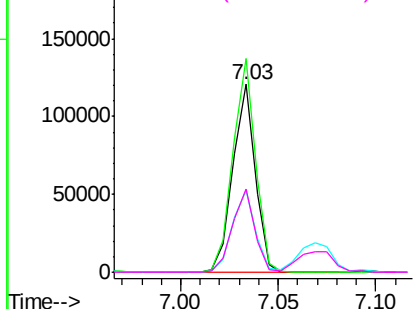
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

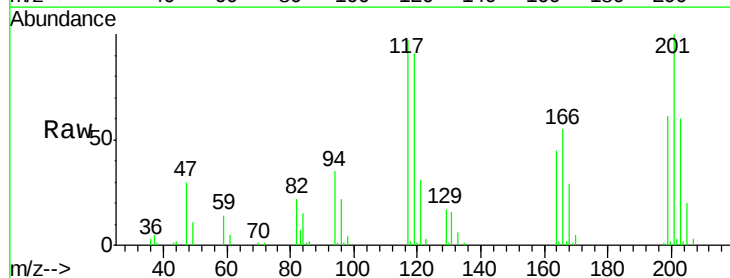
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 8.78 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.8
201	102.8	75.7	113.5

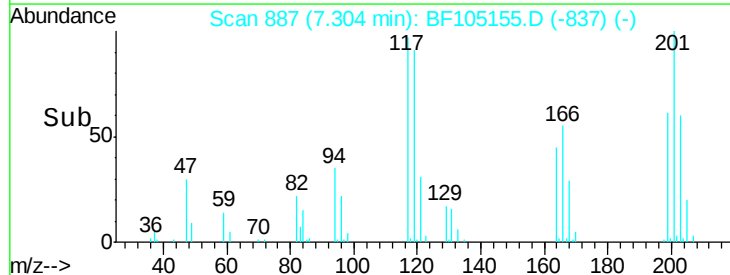
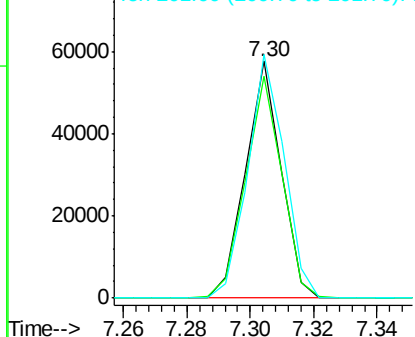


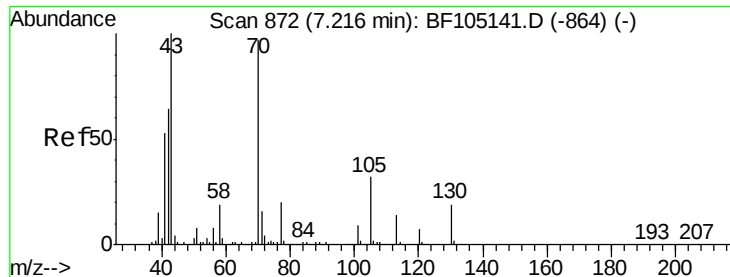
Abundance

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: 8.80 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 86164

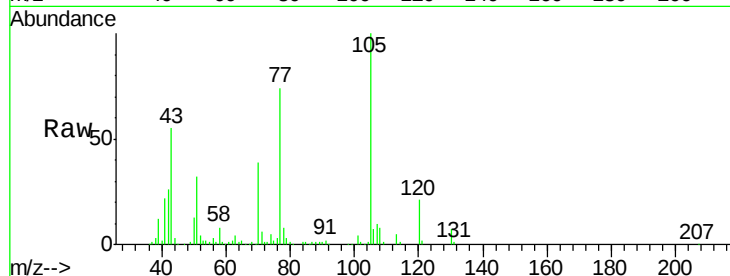
Ion Ratio Lower Upper

70 100

42 67.1 47.5 71.3

101 9.0 7.4 11.2

130 18.0 16.6 25.0

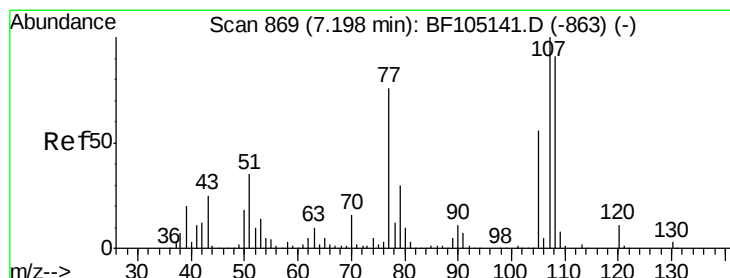
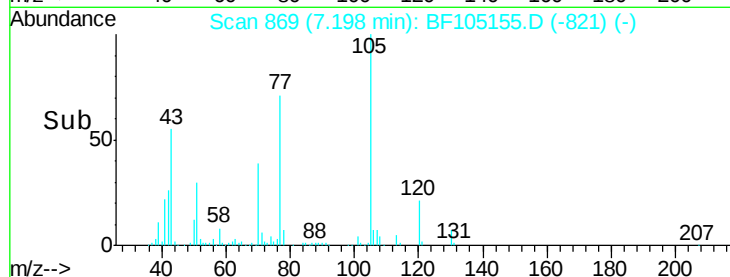
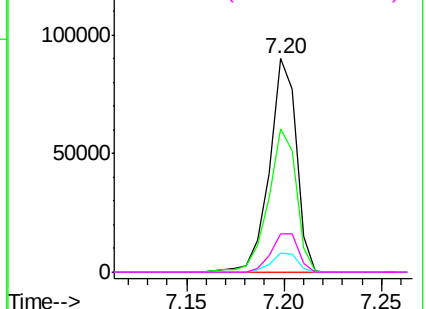


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 9.54 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Tgt Ion:107 Resp: 127535

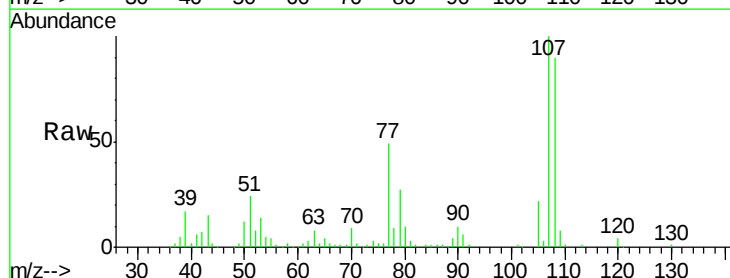
Ion Ratio Lower Upper

107 100

108 89.8 68.2 108.2

77 48.9 26.7 66.7

79 26.6 6.3 46.3

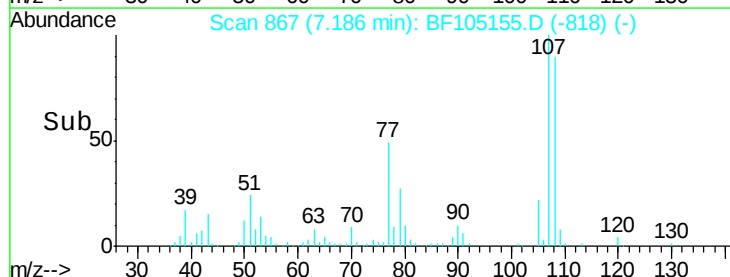
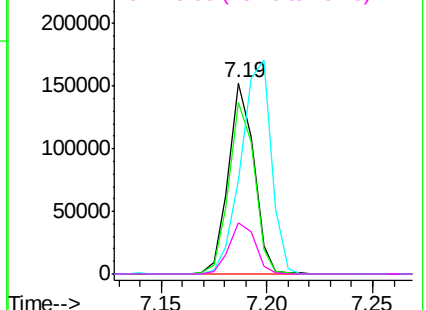


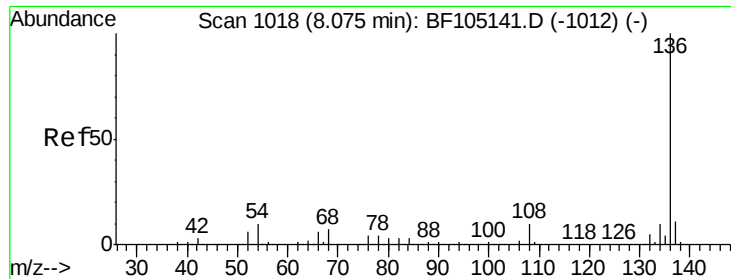
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

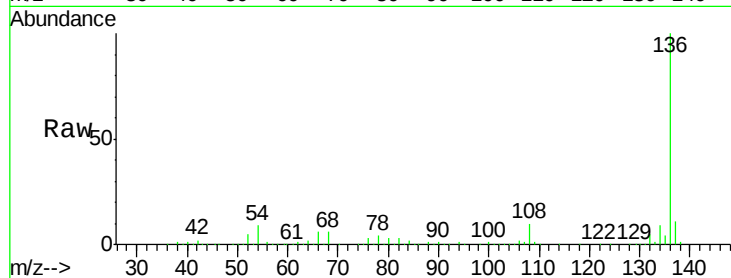




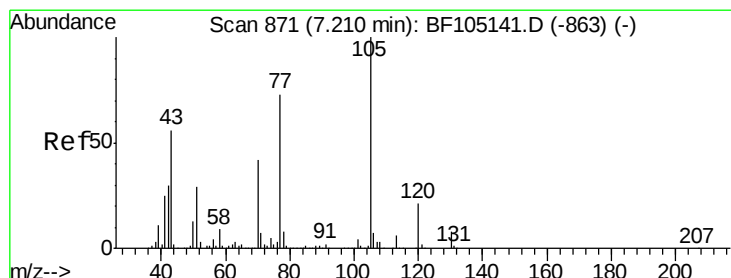
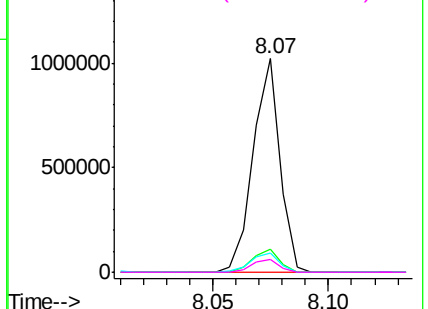
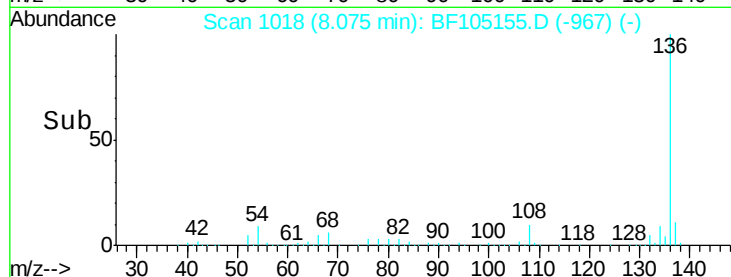
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	830993
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 9.1	6.6	9.8
68 6.1	5.0	7.4

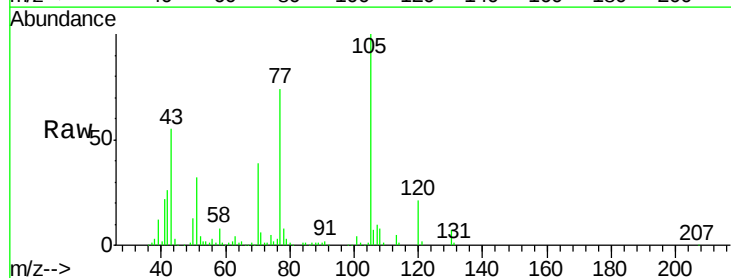


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

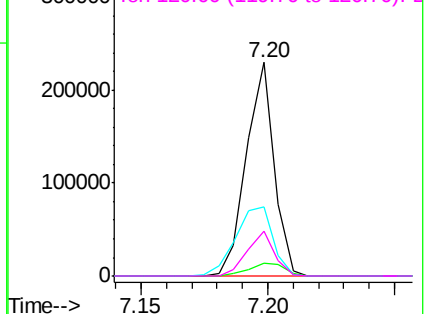
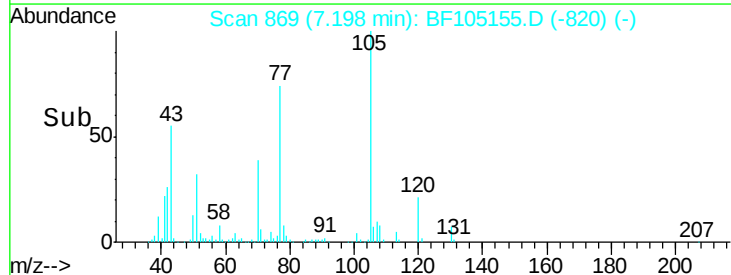


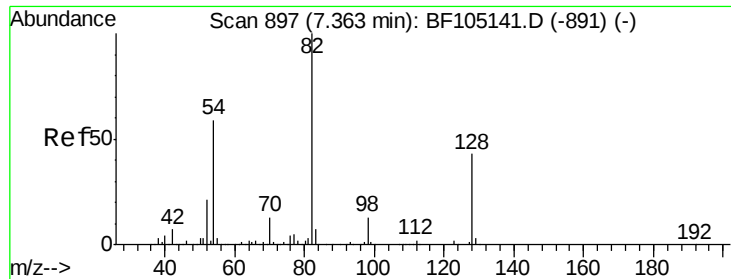
#22
Acetophenone
Concen: 9.08 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion:105	Resp:	175795
Ion Ratio	Lower	Upper
105 100		
71 6.2	4.4	6.6
51 32.1	22.3	33.5
120 21.1	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



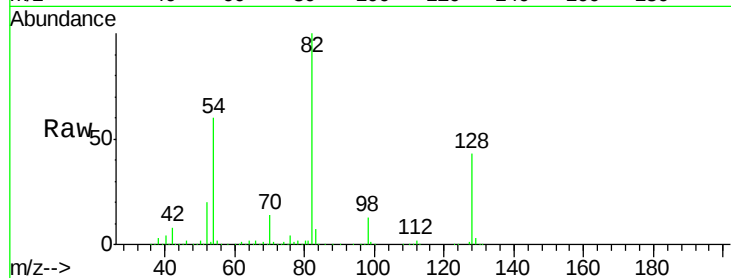


#23
Nitrobenzene-d5
Concen: 92.96 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

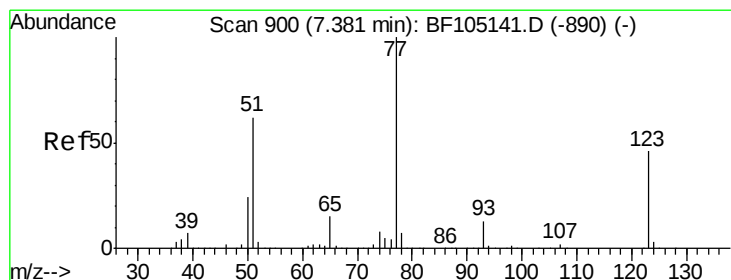
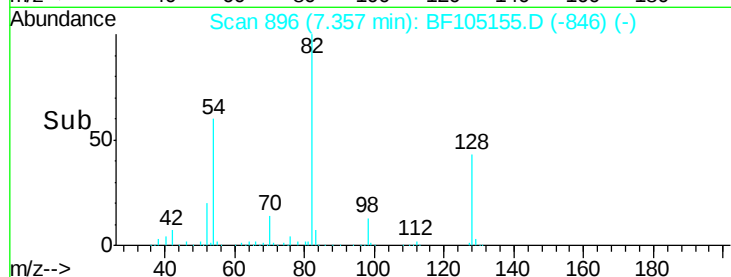
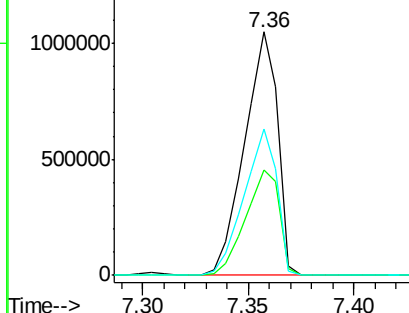
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1139757

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	59.9	41.4	62.2



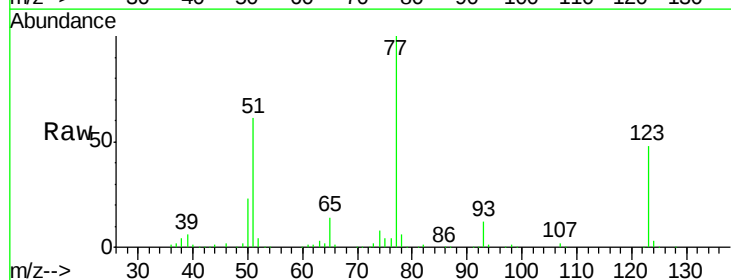
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



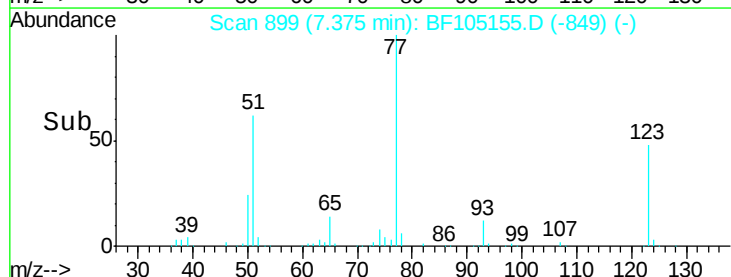
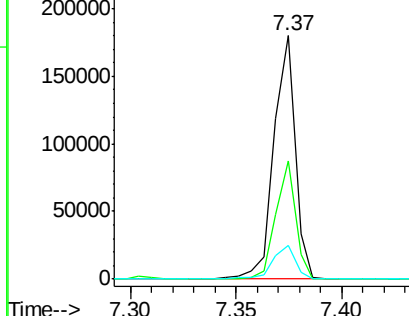
#24
Nitrobenzene
Concen: 9.13 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

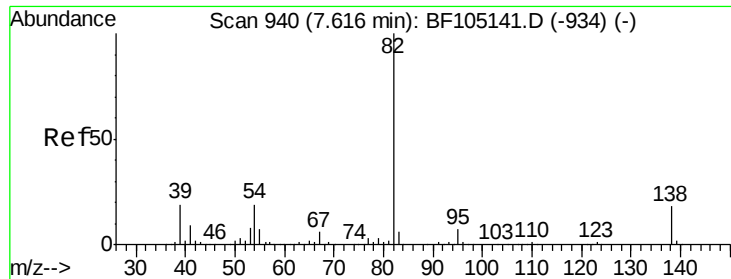
Tgt Ion: 77 Resp: 126971

Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.9	56.9
65	13.9	11.0	16.4



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





#25

Isophorone

Concen: 7.70 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

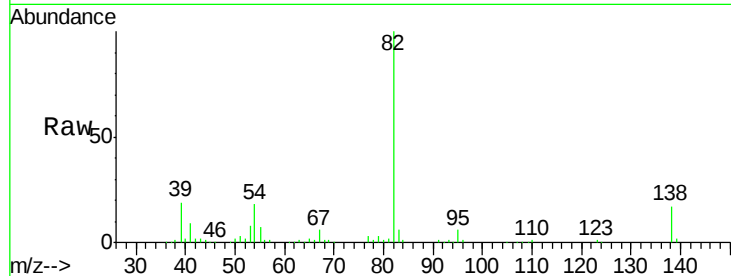
Tot Ion: 82 Resp: 211027

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

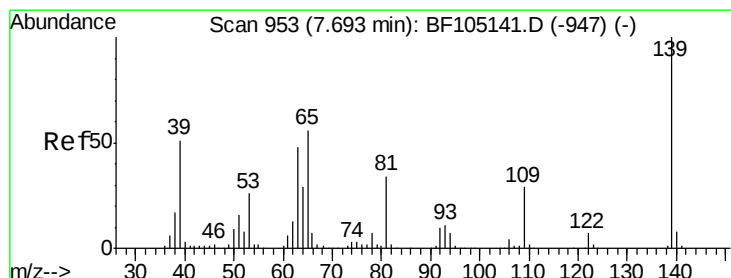
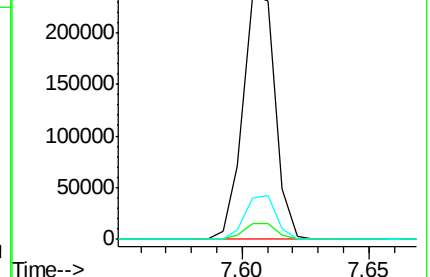
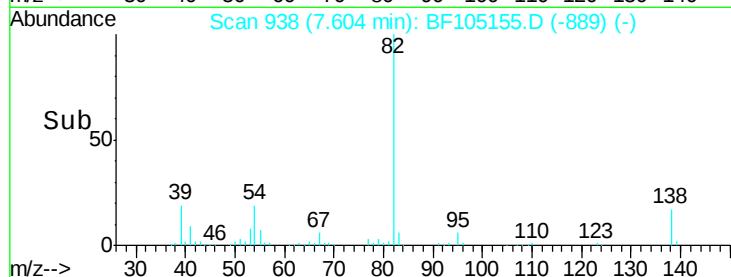
138 16.9 14.9 22.3



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: 16.16 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

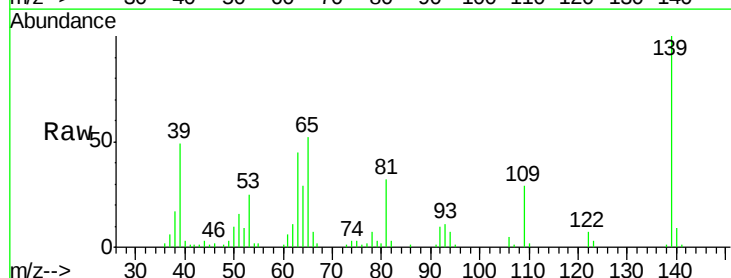
Tgt Ion: 139 Resp: 43727

Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

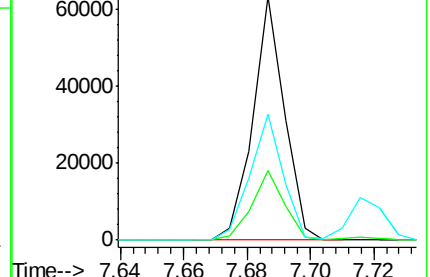
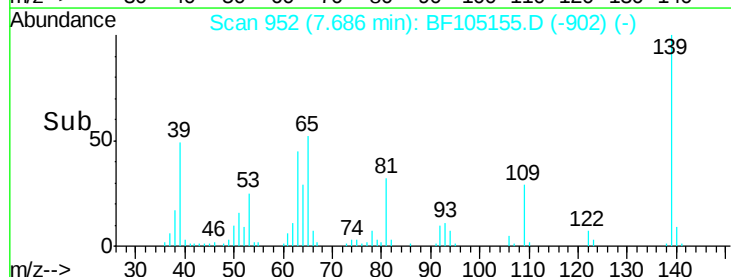
65 51.9 40.5 60.7

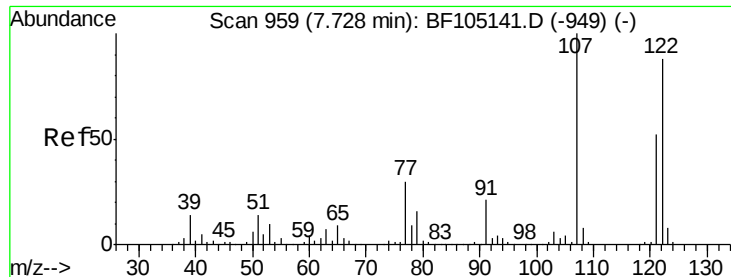


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

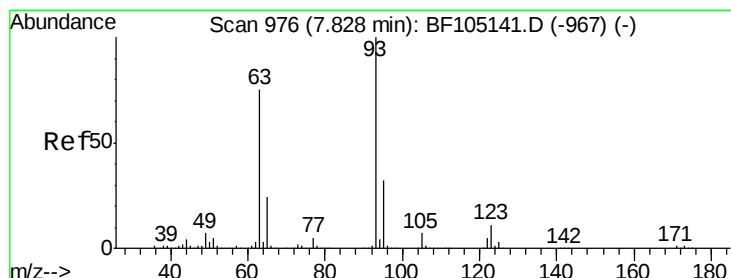
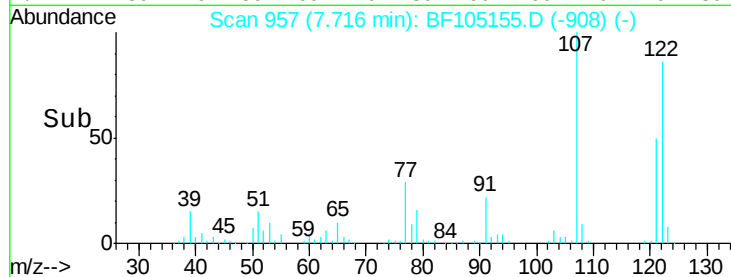
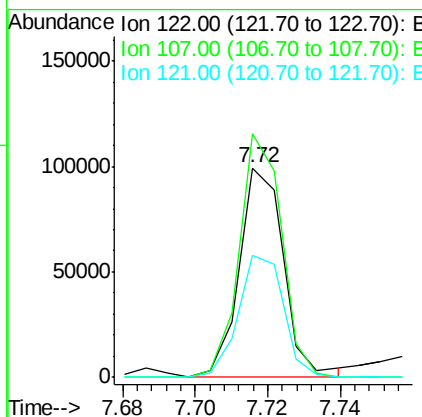
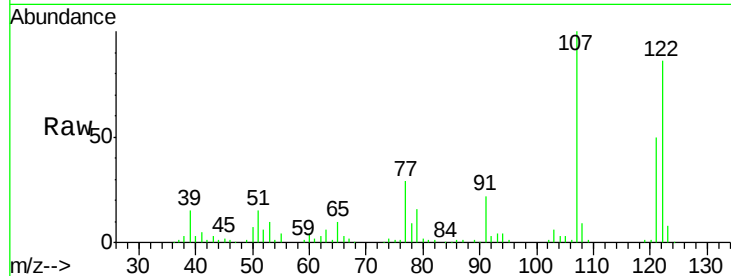




#27
2,4-Dimethylphenol
Concen: 6.90 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

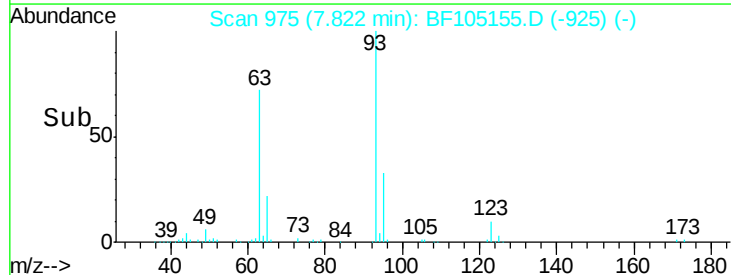
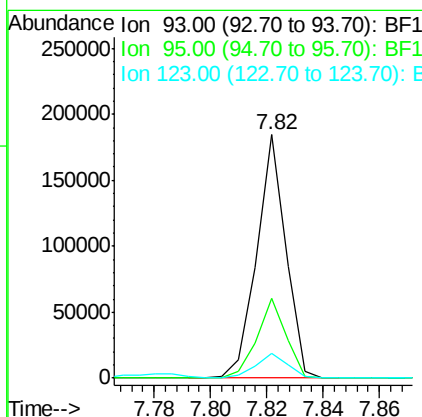
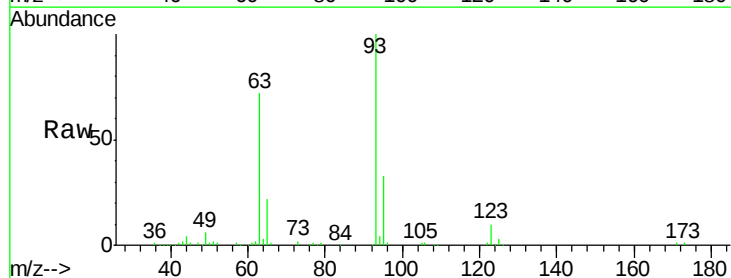
Instrument :
BNA_F
ClientSampleId :

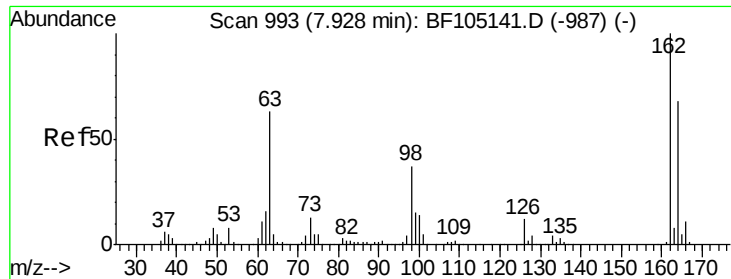
Tot Ion:122 Resp: 84083
Ion Ratio Lower Upper
122 100
107 116.3 91.2 136.8
121 58.5 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 7.79 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion: 93 Resp: 131852
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.3 9.8 14.6

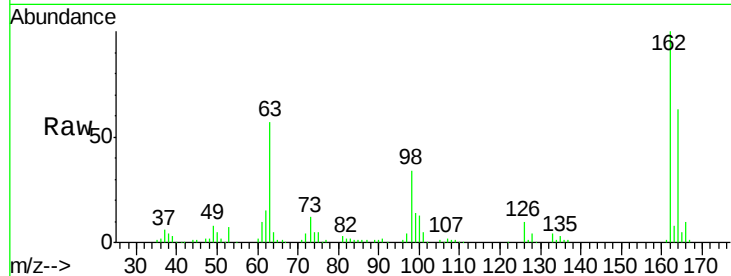




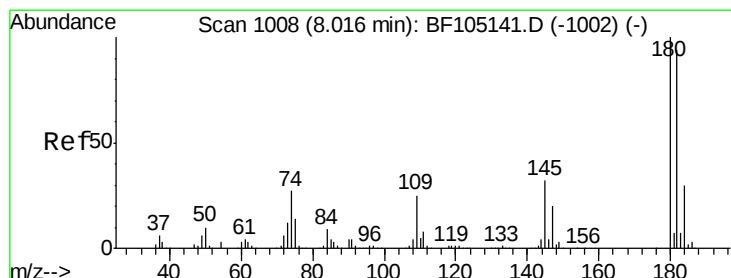
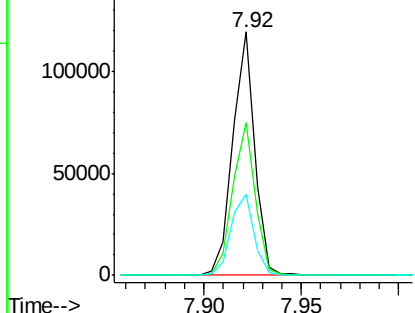
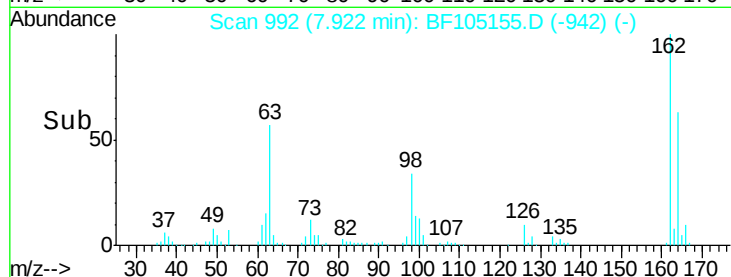
#29
 2,4-Dichlorophenol
 Concen: 8.15 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 92951
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.7 82.7
 98 33.5 18.1 58.1

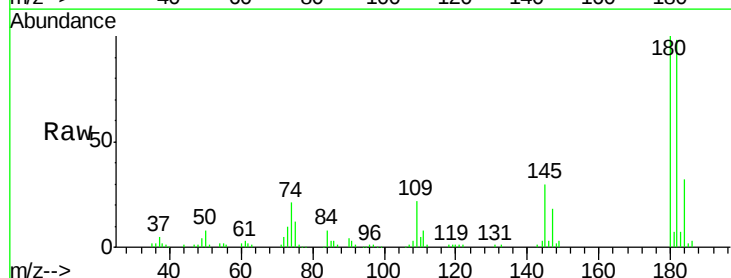


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

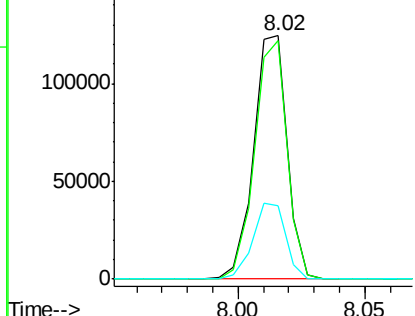
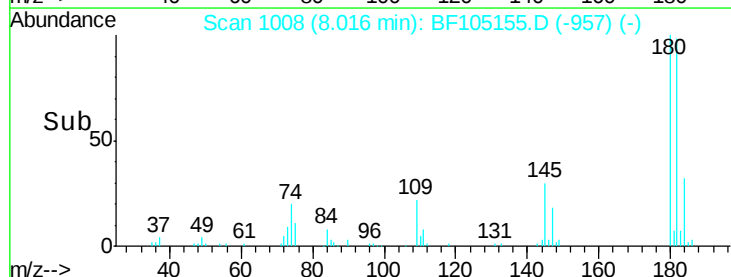


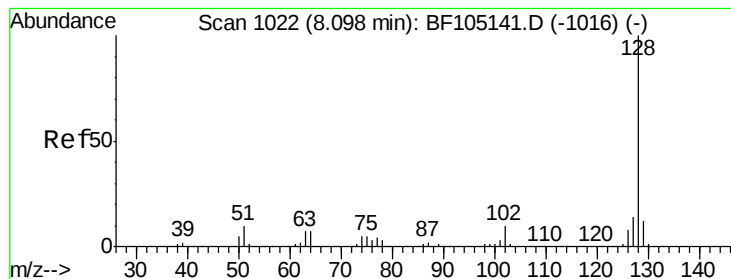
#30
 1,2,4-Trichlorobenzene
 Concen: 8.73 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Tgt Ion:180 Resp: 114763
 Ion Ratio Lower Upper
 180 100
 182 98.2 76.8 115.2
 145 29.9 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: 8.64 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

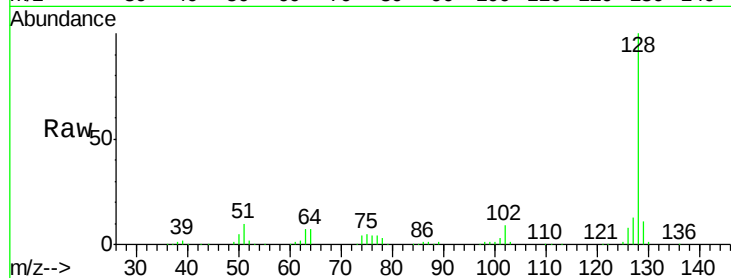
Tot Ion:128 Resp: 345702

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

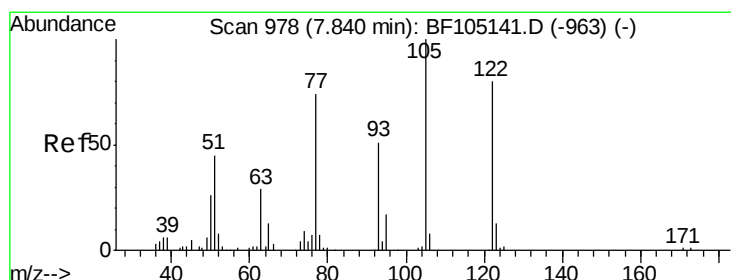
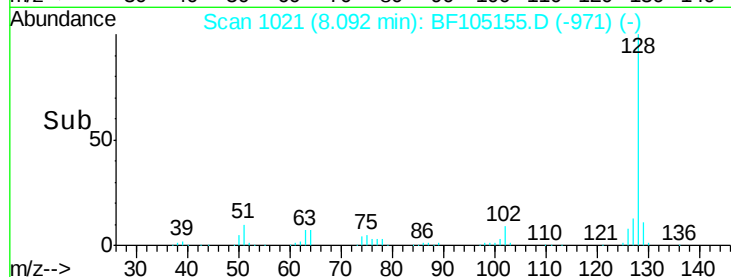
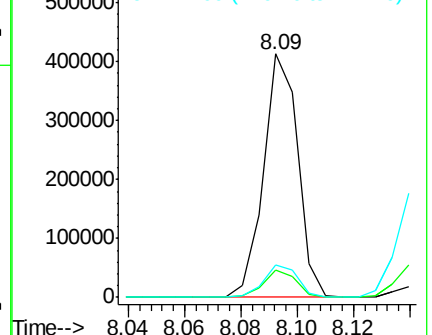
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.74 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

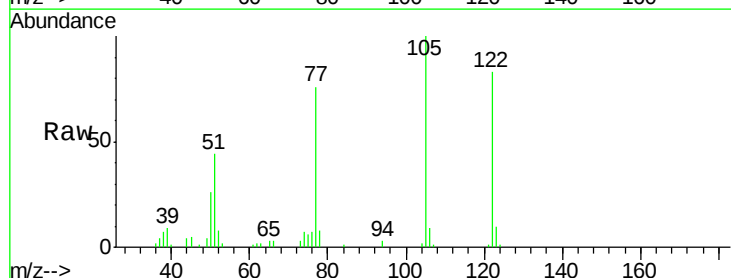
Tgt Ion:122 Resp: 57812

Ion Ratio Lower Upper

122 100

105 119.8 101.1 141.1

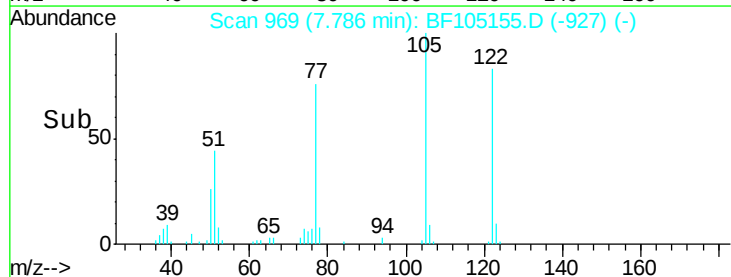
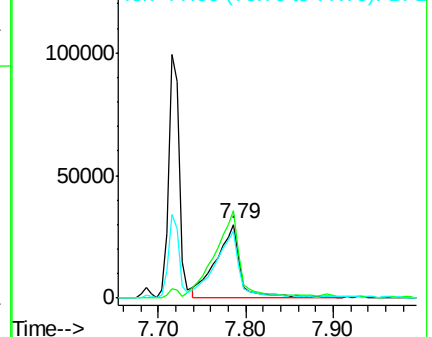
77 91.5 70.7 110.7

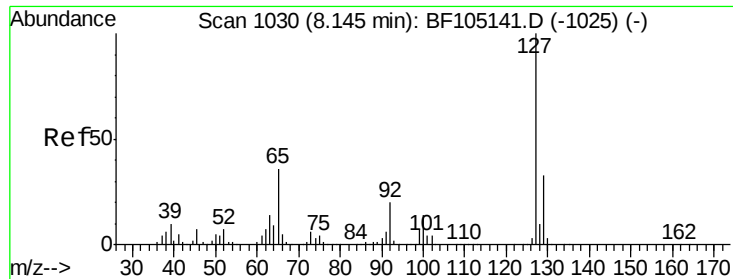


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

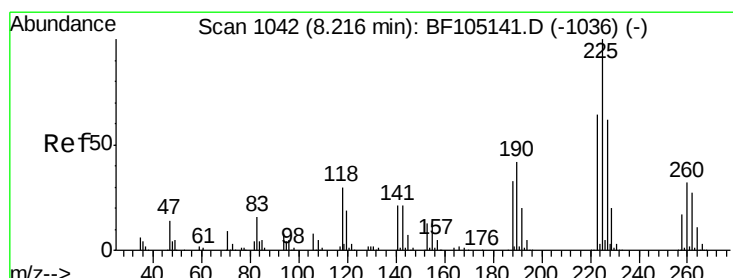
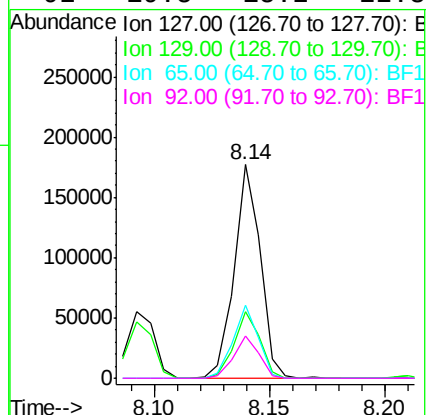
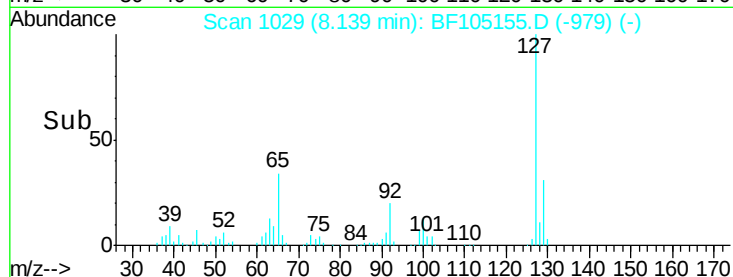
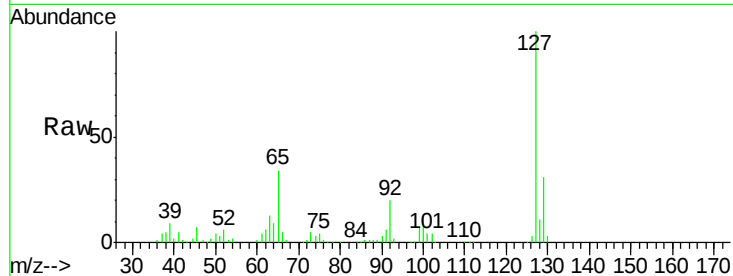




#33
4-Chloroaniline
Concen: 8.34 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

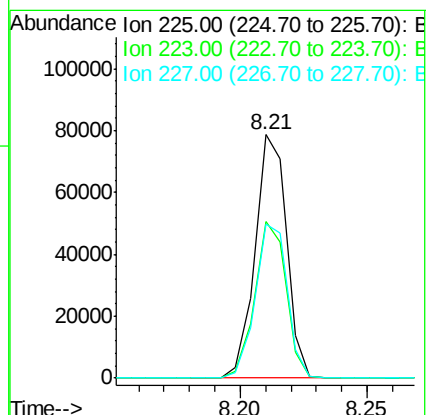
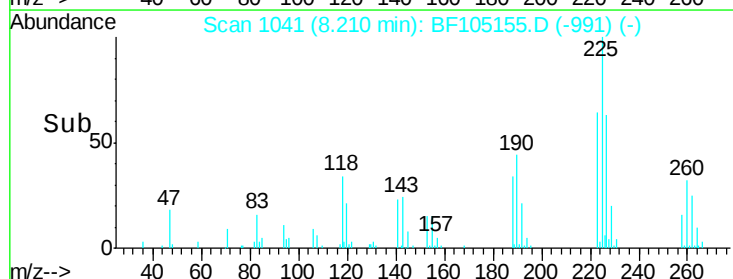
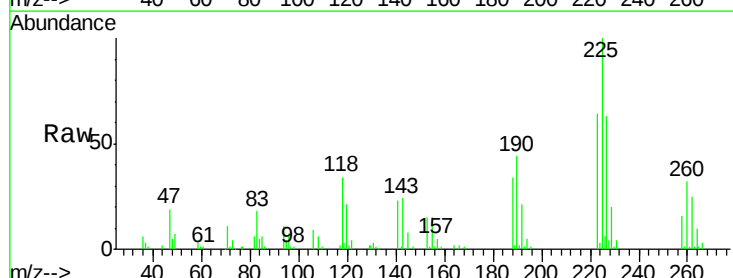
Instrument :
BNA_F
ClientSampled :

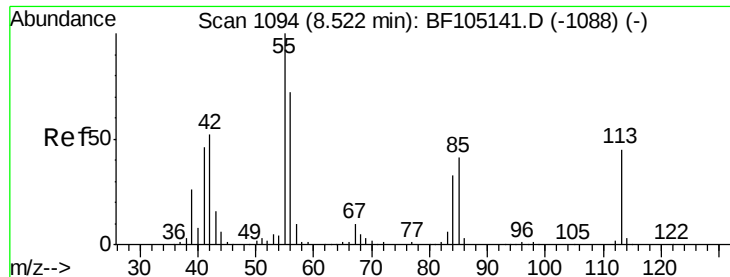
Tot Ion:	127	Resp:	138758
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	34.1	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 8.99 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion:	225	Resp:	68438
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 7.84 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.05 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

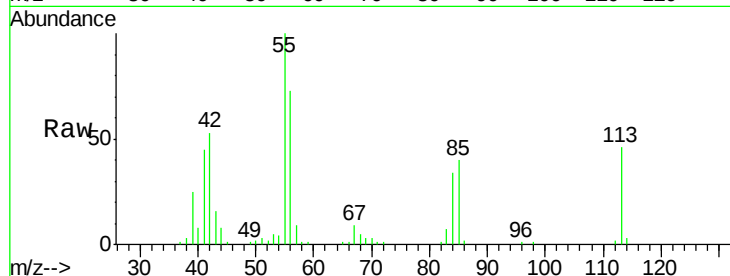
Tot Ion:113 Resp: 27155

Ion Ratio Lower Upper

113 100

55 215.9 163.3 203.3#

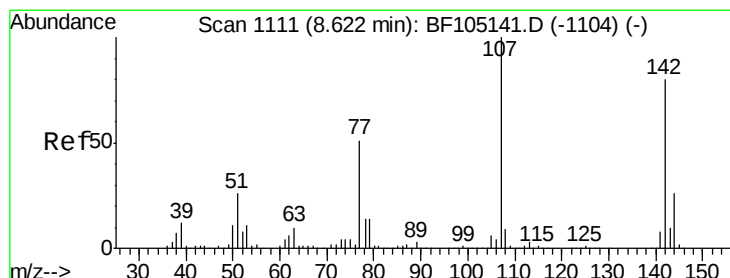
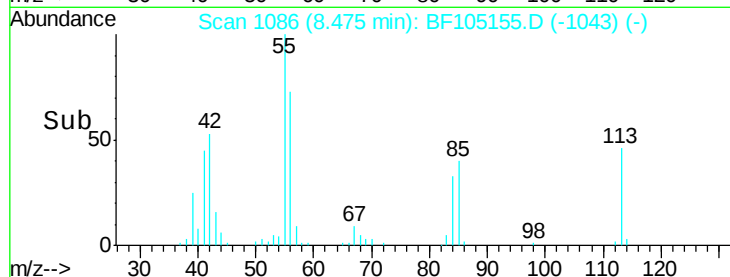
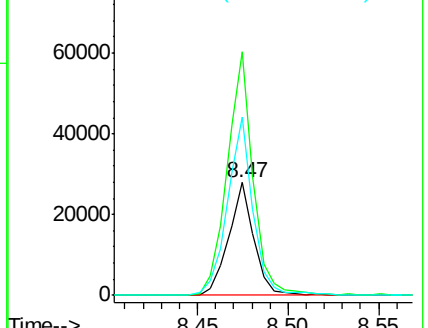
56 158.0 115.7 155.7#



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: 7.99 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

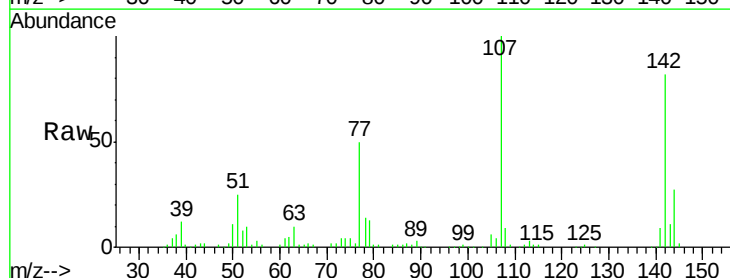
Tgt Ion:107 Resp: 94844

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

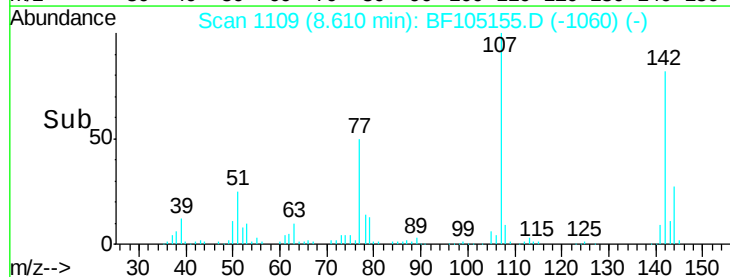
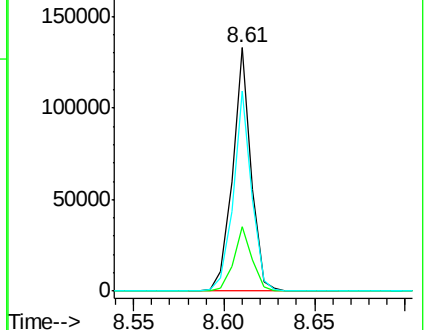
142 82.4 62.0 93.0

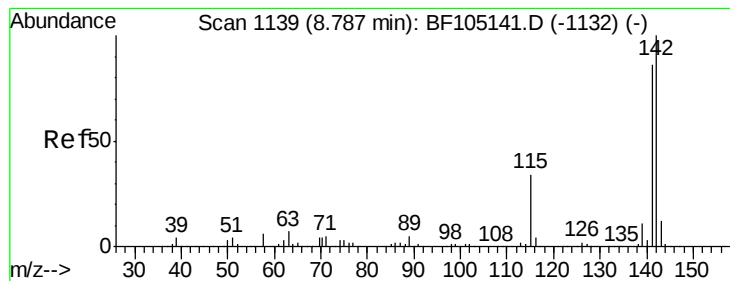


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 8.66 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

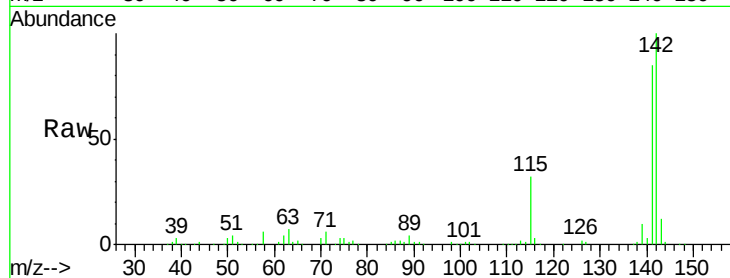
Tot Ion:142 Resp: 241384

Ion Ratio Lower Upper

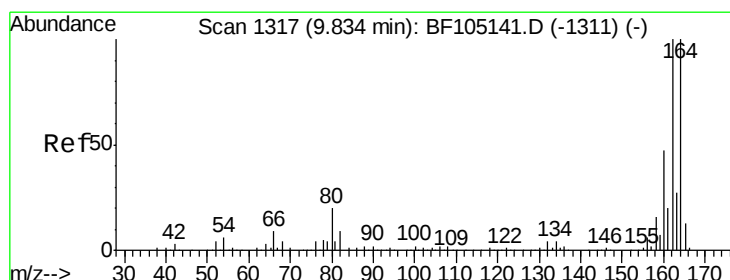
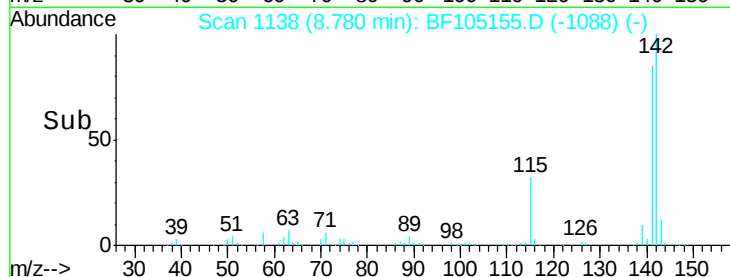
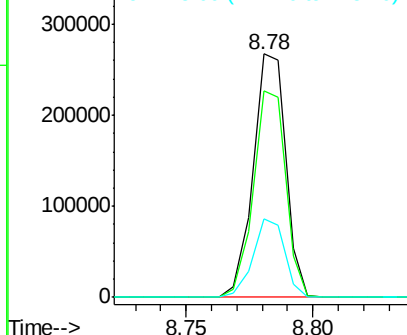
142 100

141 84.9 70.8 106.2

115 32.1 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: BF105155.D

Acq: 8 May 2018 20:19

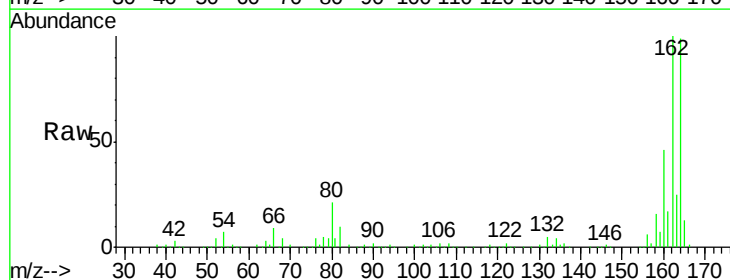
Tgt Ion:164 Resp: 407014

Ion Ratio Lower Upper

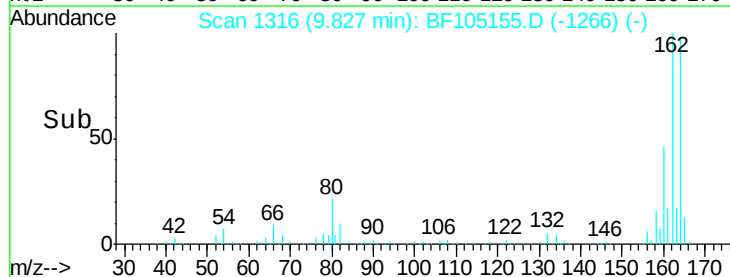
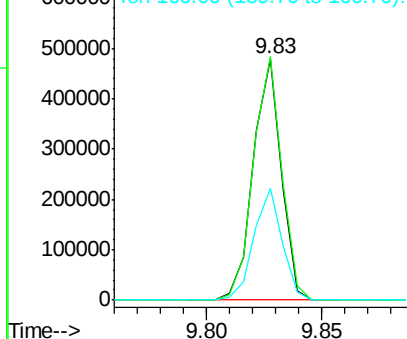
164 100

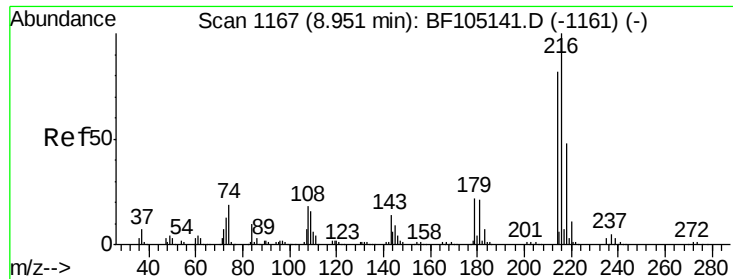
162 100.9 86.1 129.1

160 46.5 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.95 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 115962

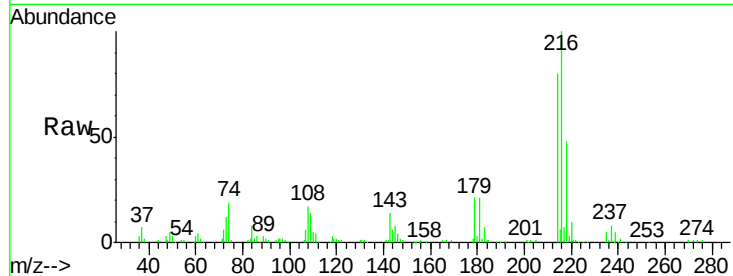
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 20.2 18.1 27.1

108 18.0 17.2 25.8

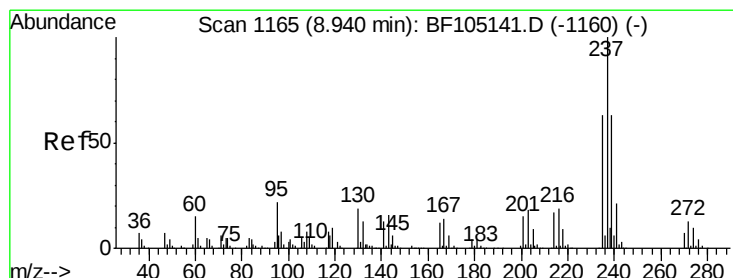
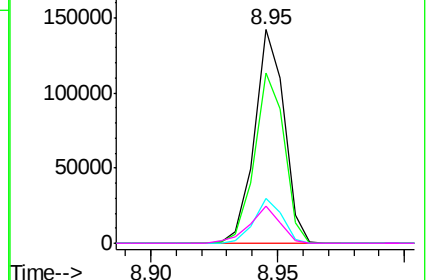
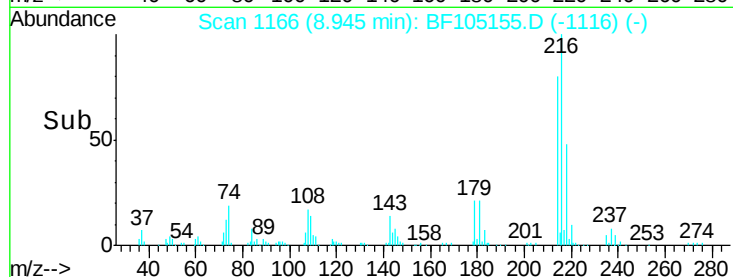


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.50 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

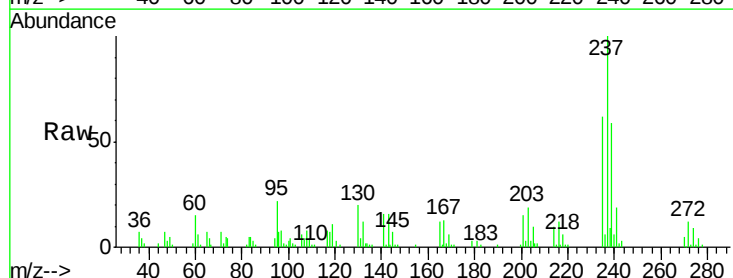
Tgt Ion:237 Resp: 52529

Ion Ratio Lower Upper

237 100

235 61.8 44.8 84.8

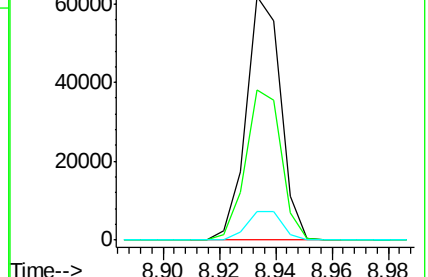
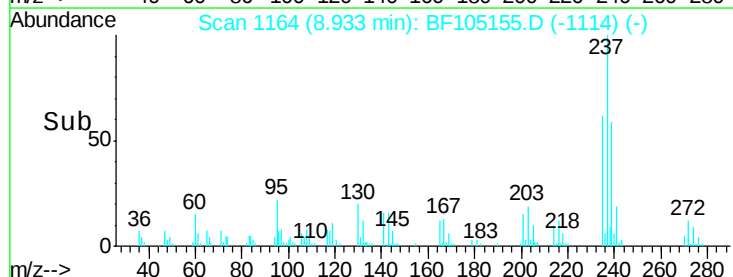
272 11.9 0.0 33.3

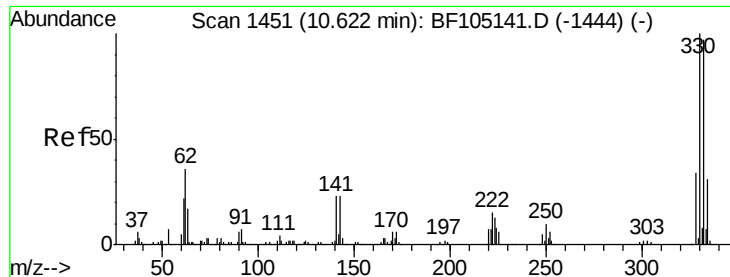


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

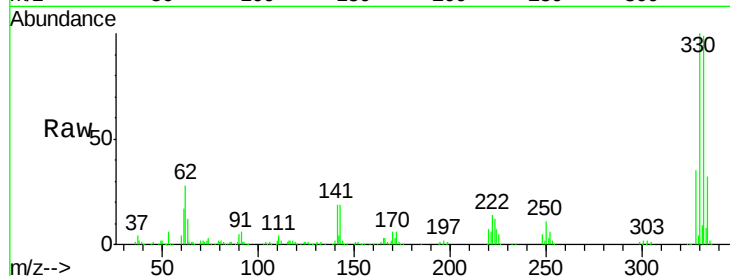




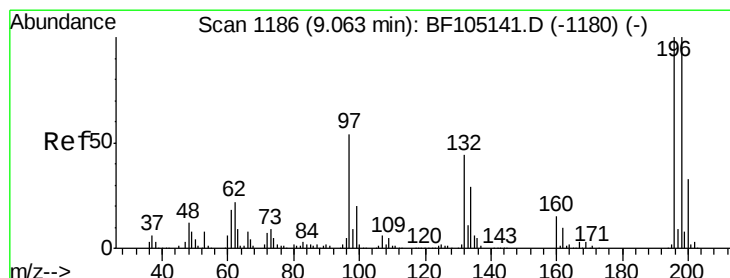
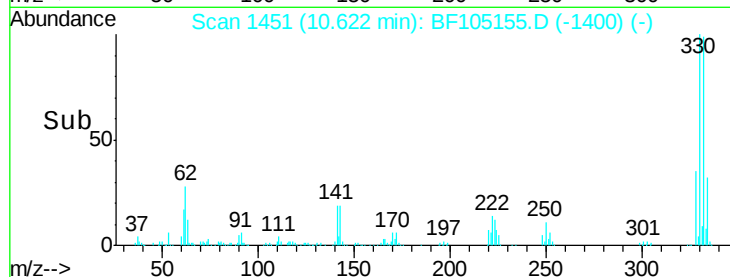
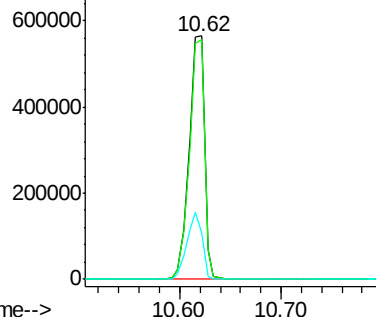
#41
 2,4,6-Tribromophenol
 Concen: 132.51 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 595014
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 27.3 29.9 44.9#

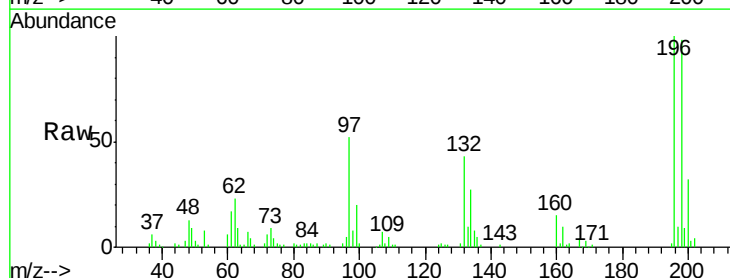


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

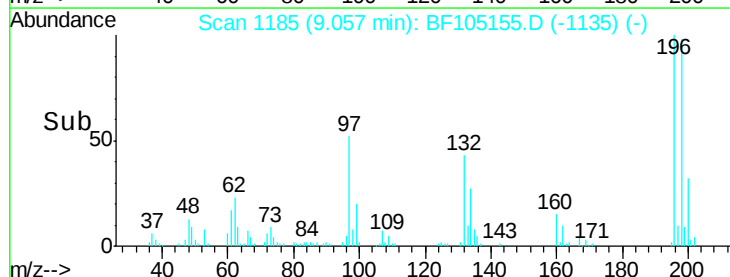
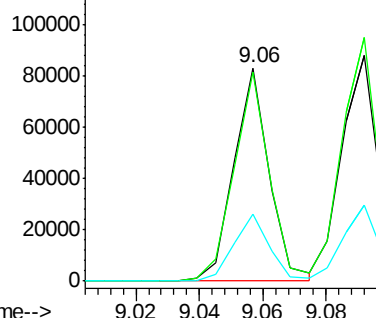


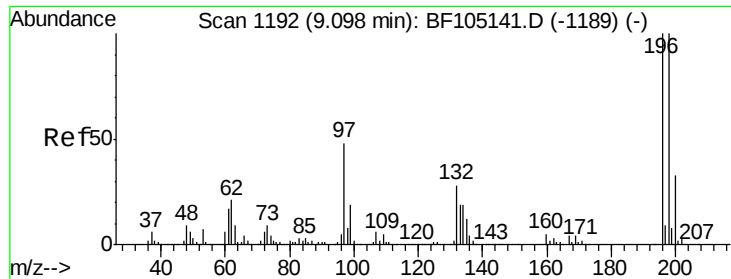
#42
 2,4,6-Trichlorophenol
 Concen: 8.18 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Tgt Ion:196 Resp: 64660
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.7 113.5
 200 31.5 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

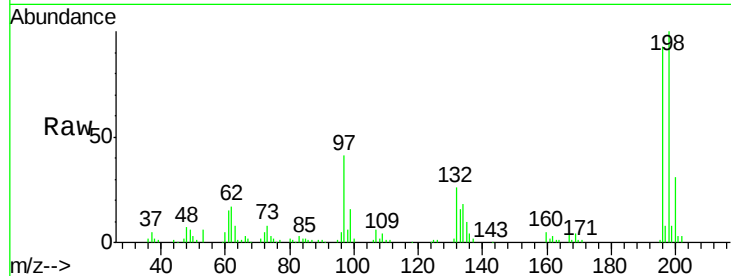




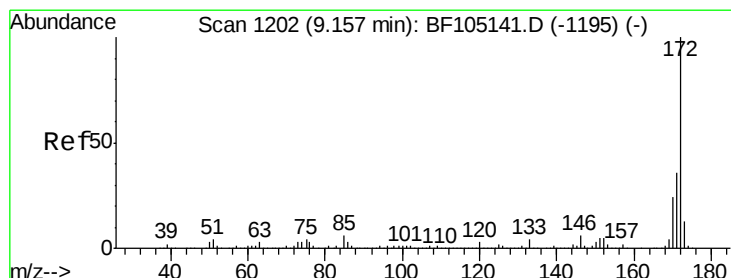
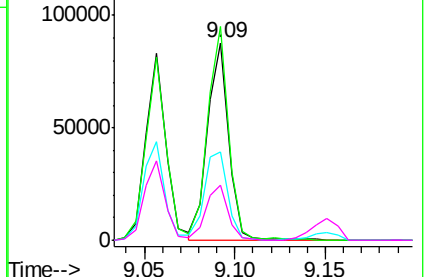
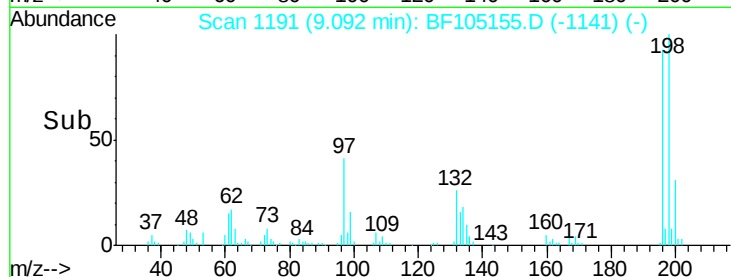
#43
 2,4,5-Trichlorophenol
 Concen: 8.72 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 71993
 Ion Ratio Lower Upper
 196 100
 198 108.1 74.6 112.0
 97 44.8 42.9 64.3
 132 27.7 26.3 39.5

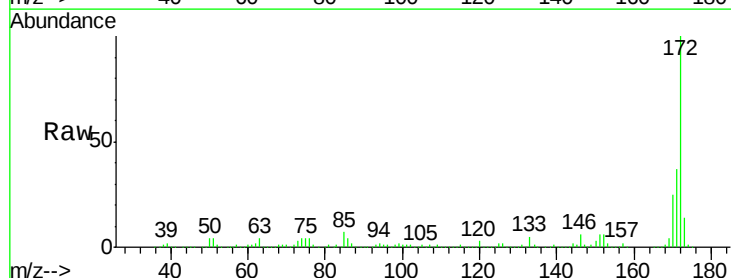


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

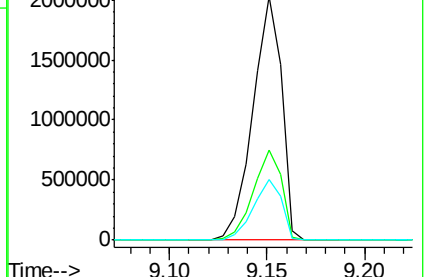
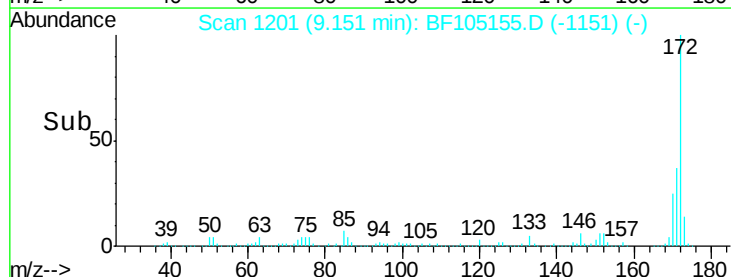


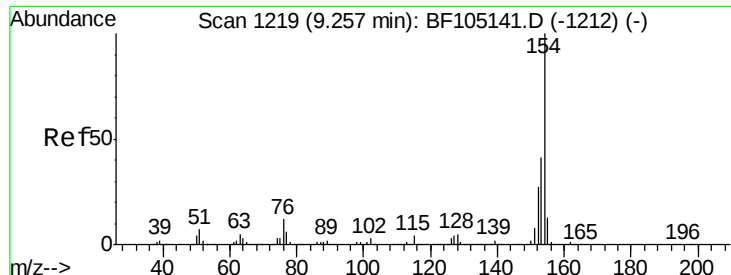
#44
 2-Fluorobiphenyl
 Concen: 78.52 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Tgt Ion:172 Resp: 2059123
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.8 19.6 29.4



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

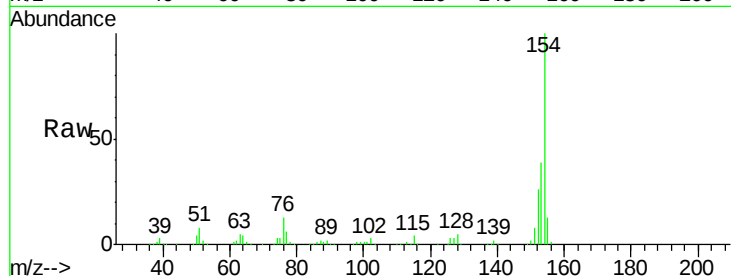




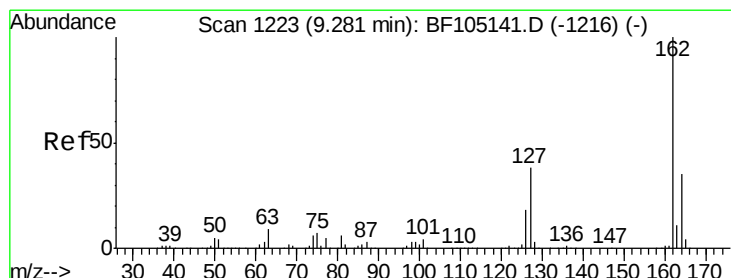
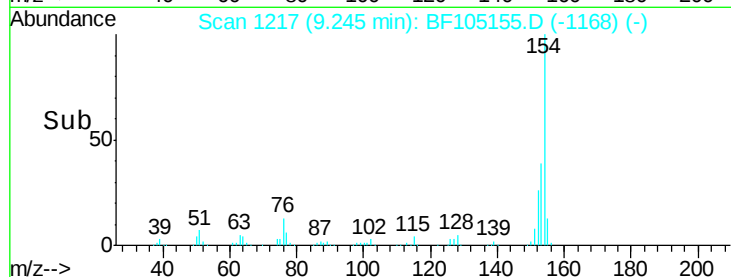
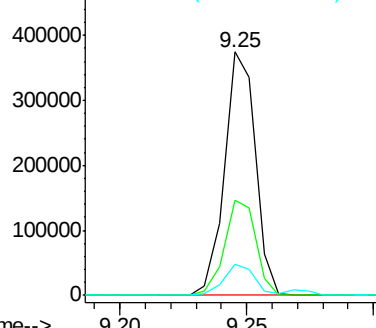
#45
 1,1'-Biphenyl
 Concen: 9.59 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 318020
 Ion Ratio Lower Upper
 154 100
 153 39.2 21.3 61.3
 76 12.9 0.0 34.0

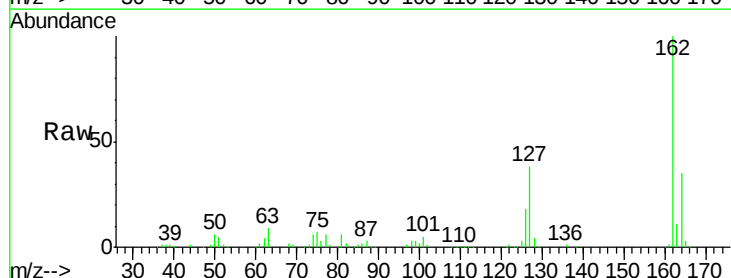


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

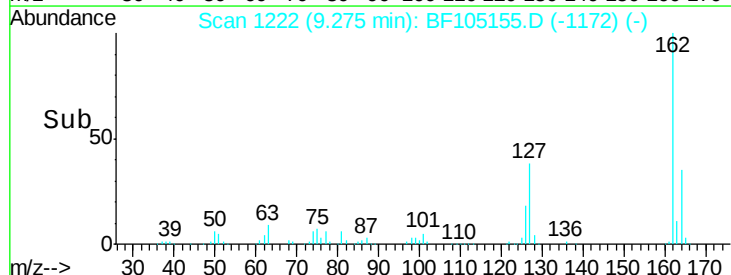
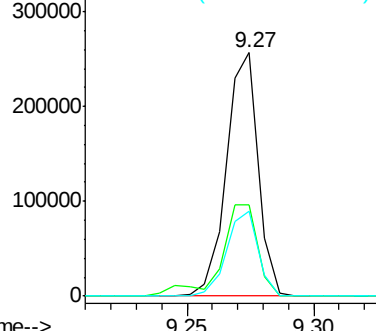


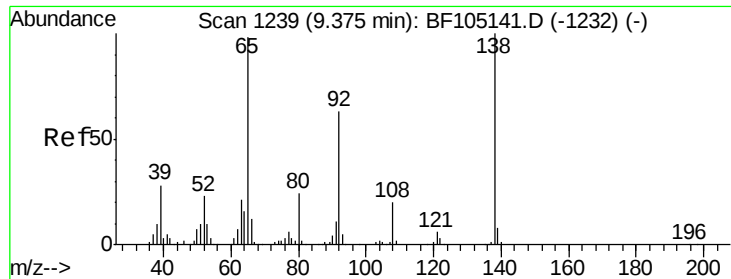
#46
 2-Chloronaphthalene
 Concen: 9.02 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Tgt Ion:162 Resp: 223665
 Ion Ratio Lower Upper
 162 100
 127 37.7 33.9 50.9
 164 34.7 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

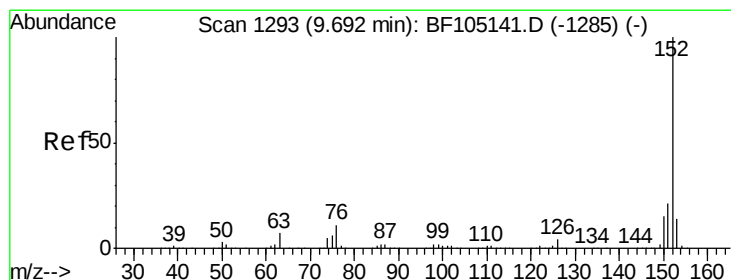
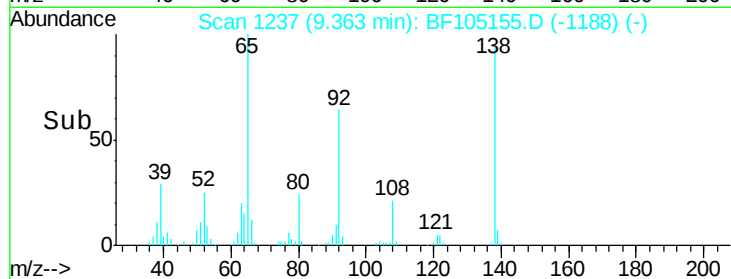
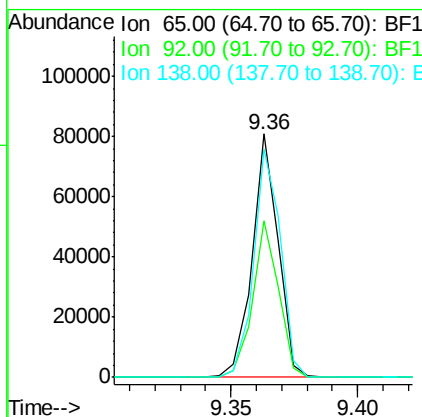
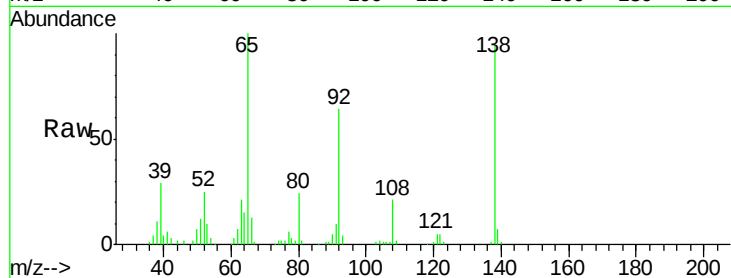




#47
2-Nitroaniline
Concen: 12.87 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

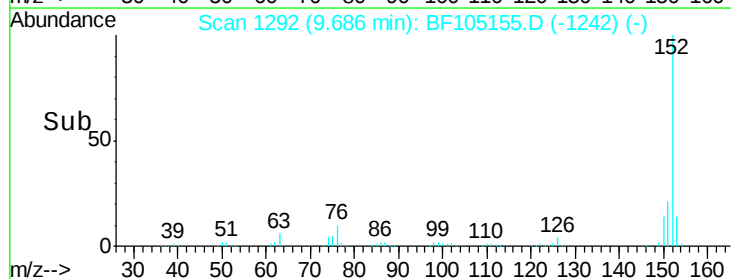
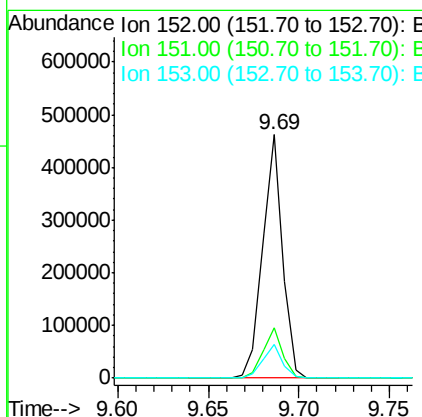
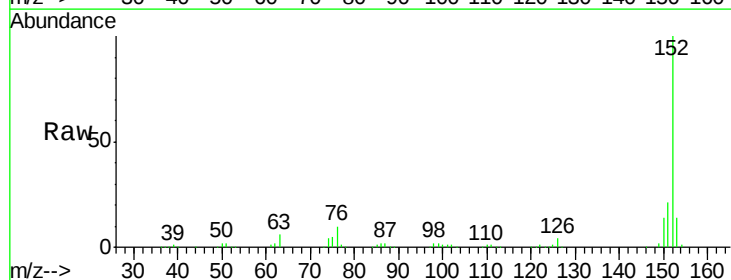
Instrument :
BNA_F
ClientSampled :

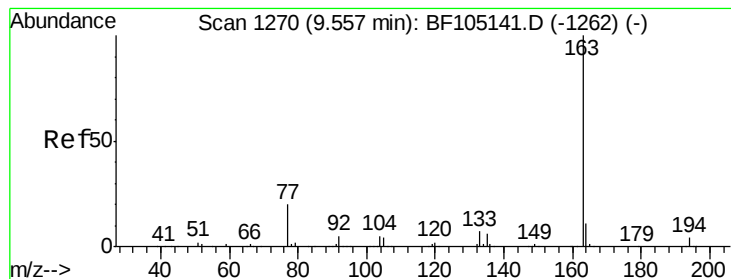
Tot Ion: 65 Resp: 57440
Ion Ratio Lower Upper
65 100
92 64.4 55.8 83.6
138 93.8 91.2 136.8



#48
Acenaphthylene
Concen: 9.21 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion: 152 Resp: 352624
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.9 10.7 16.1





#49

Dimethylphthalate

Concen: 9.37 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

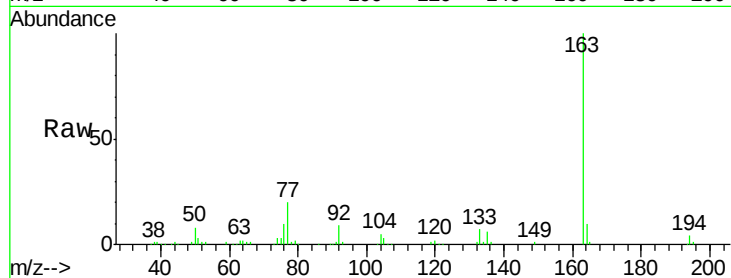
Tot Ion:163 Resp: 258057

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

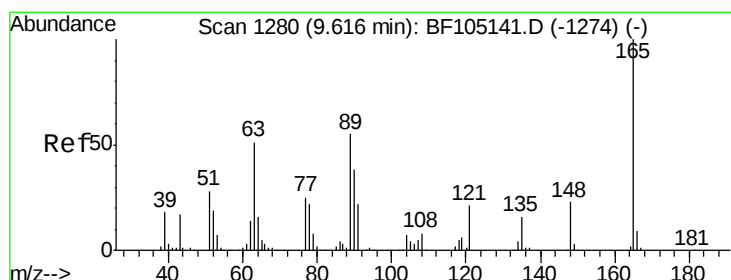
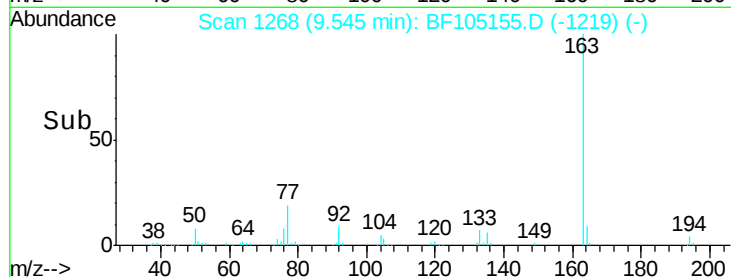
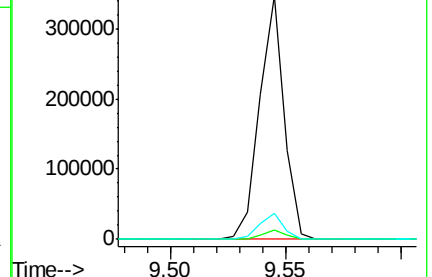
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.71 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

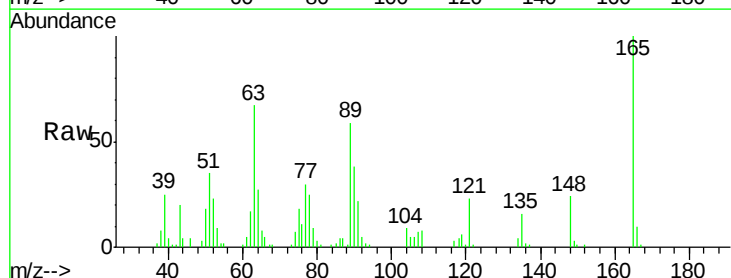
Tgt Ion:165 Resp: 52085

Ion Ratio Lower Upper

165 100

63 66.8 44.7 67.1

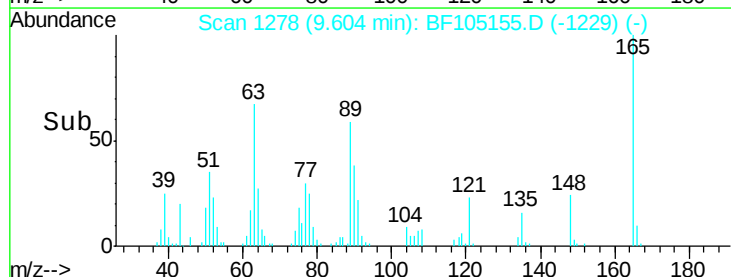
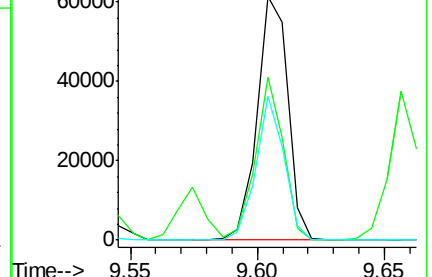
89 58.8 44.0 66.0

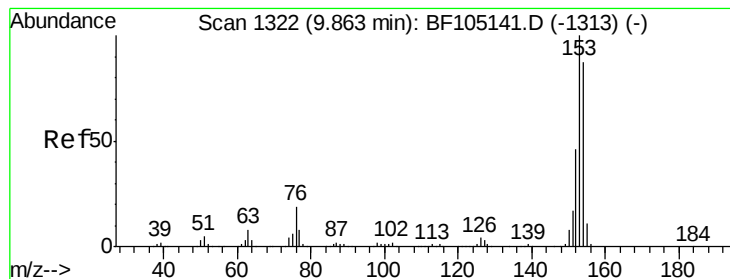


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 9.30 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

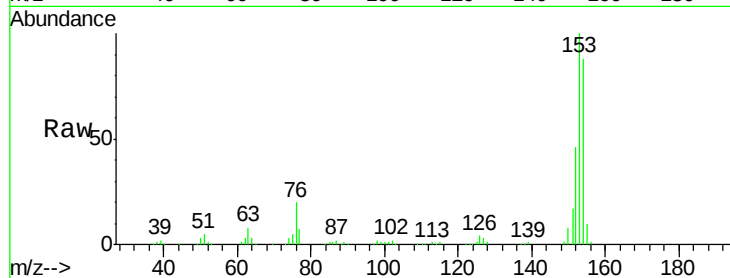
Tot Ion:154 Resp: 229503

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

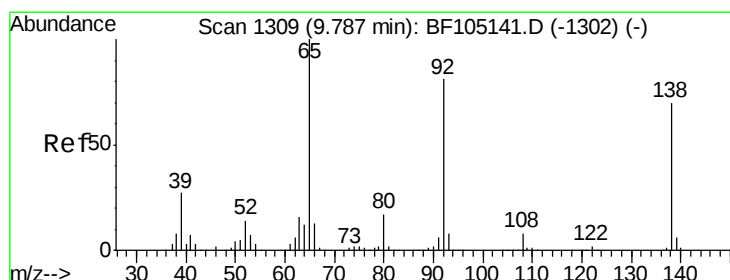
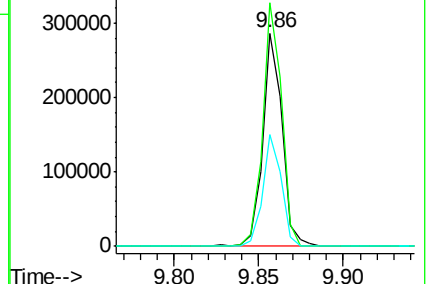
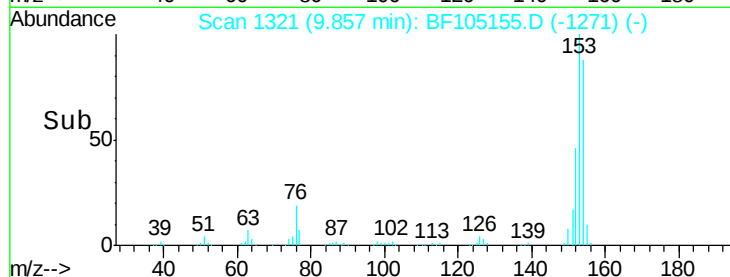
152 52.2 43.8 65.8



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: 8.65 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

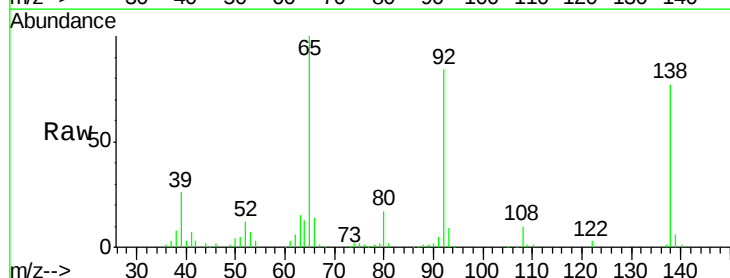
Tgt Ion:138 Resp: 54473

Ion Ratio Lower Upper

138 100

108 12.4 9.4 14.0

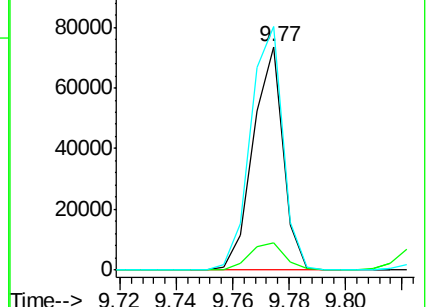
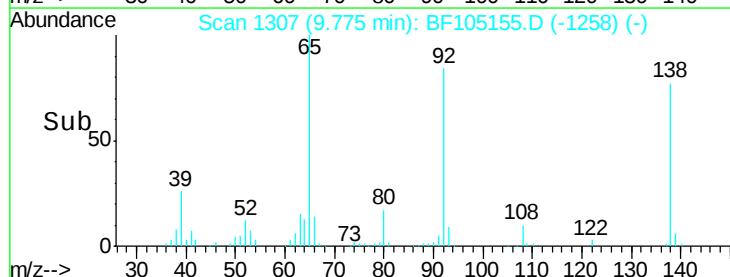
92 108.8 89.4 134.2

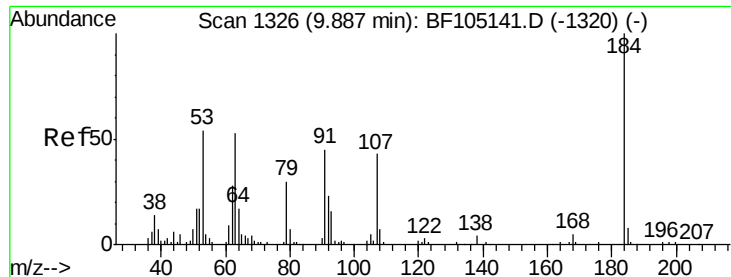


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

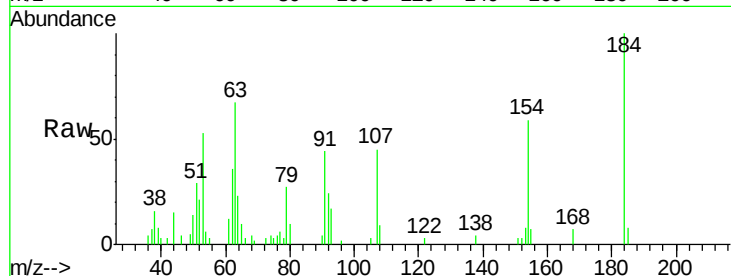




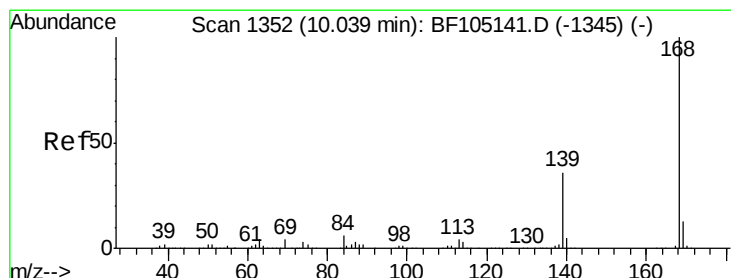
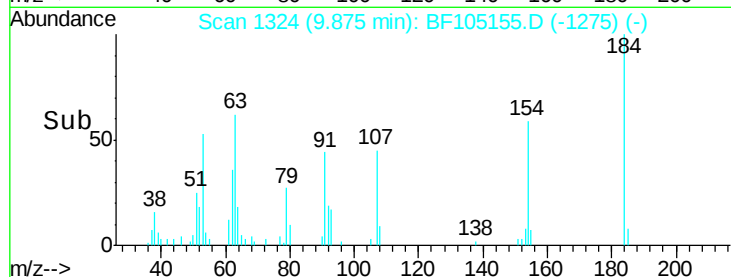
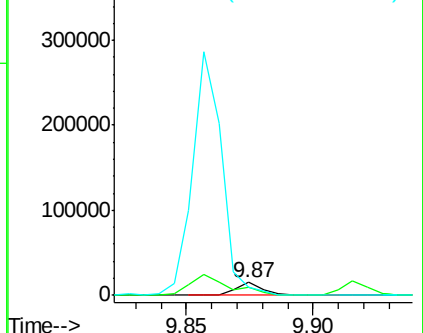
#53
2,4-Dinitrophenol
Concen: 16.02 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 11107
Ion Ratio Lower Upper
184 100
63 67.1 54.2 81.2
154 59.0 184.0 276.0#

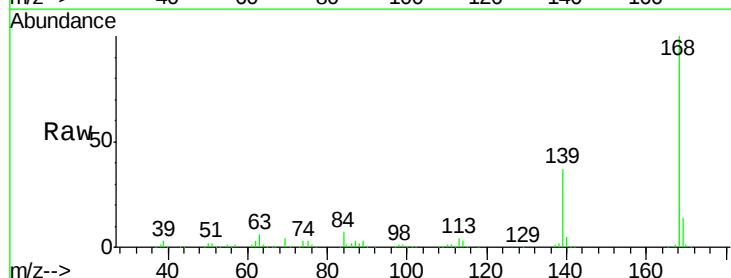


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

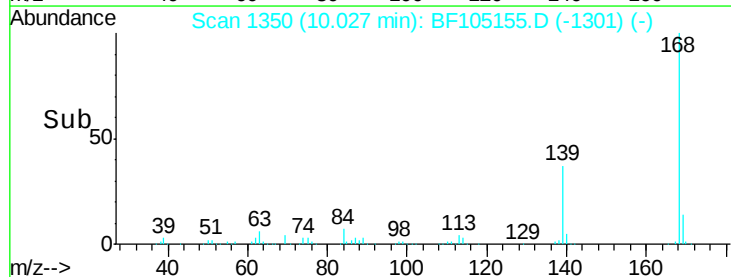
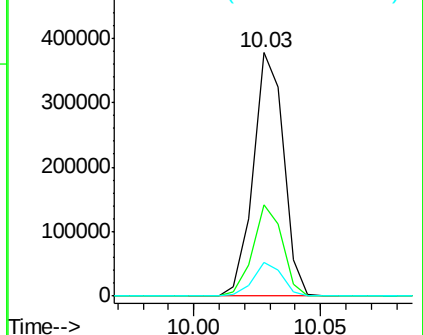


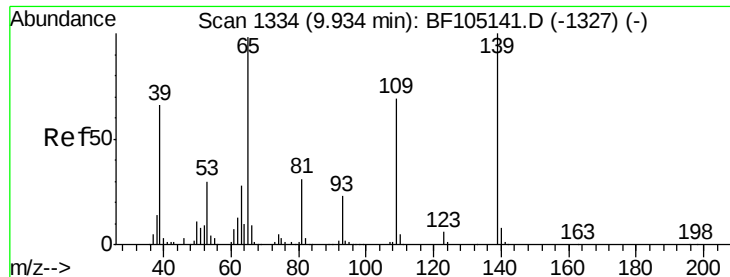
#54
Dibenzofuran
Concen: 8.76 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion:168 Resp: 316206
Ion Ratio Lower Upper
168 100
139 37.3 30.1 45.1
169 13.7 10.9 16.3



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

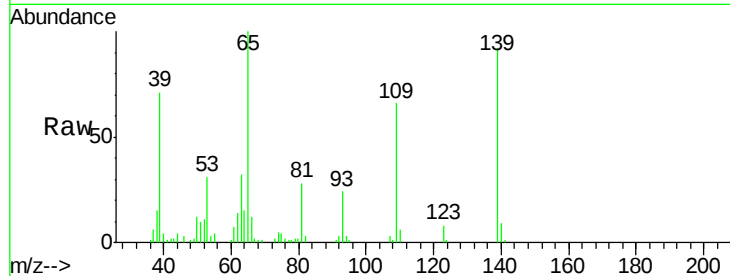




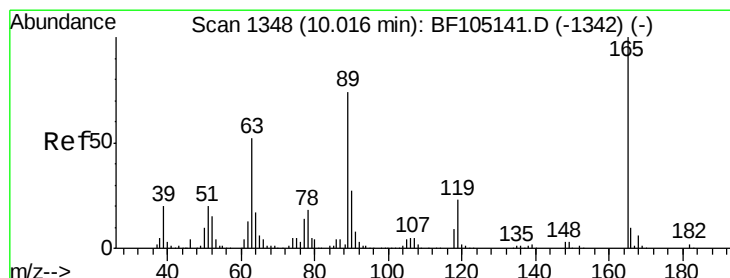
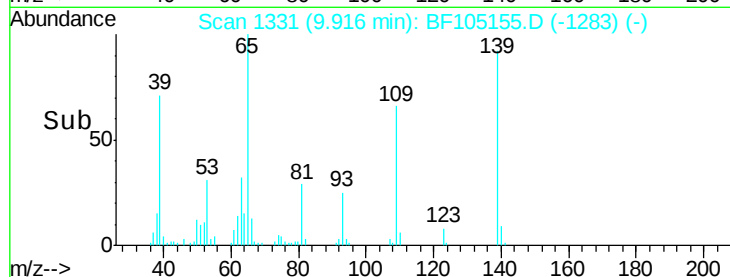
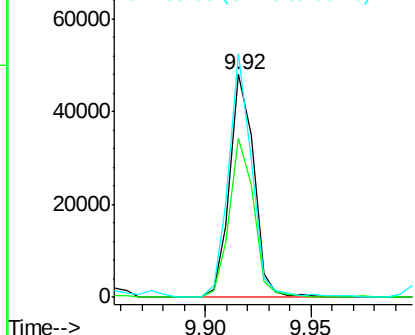
#55
4-Nitrophenol
Concen: 10.65 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 38060
Ion Ratio Lower Upper
139 100
109 71.6 48.4 88.4
65 109.2 72.6 112.6

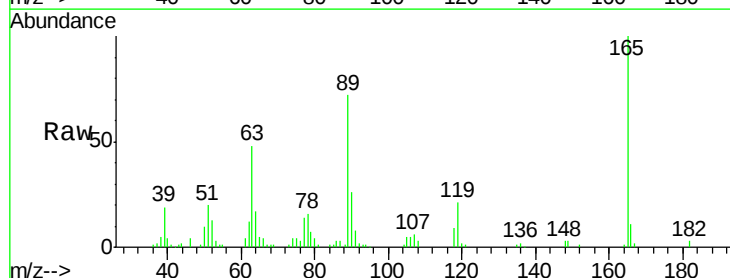


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

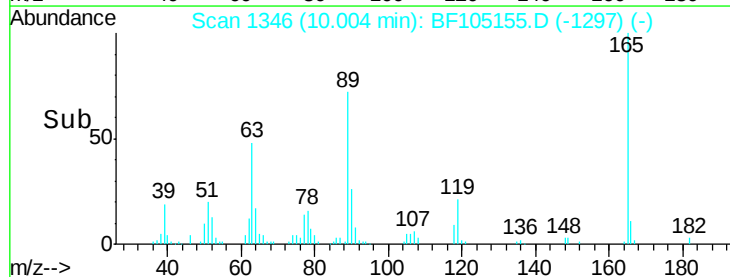
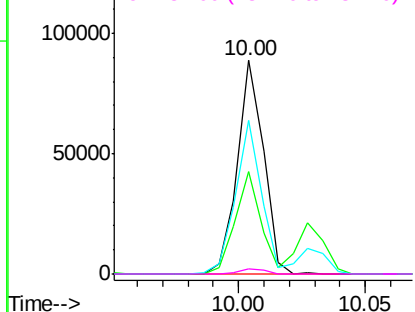


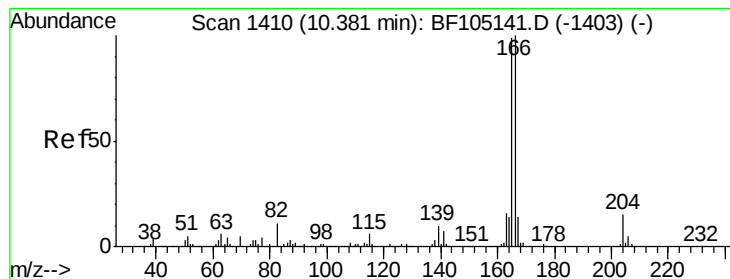
#56
2,4-Dinitrotoluene
Concen: 10.97 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion:165 Resp: 63293
Ion Ratio Lower Upper
165 100
63 48.1 36.4 54.6
89 72.1 57.8 86.6
182 2.5 1.6 2.4#



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





#57

Fluorene

Concen: 9.53 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

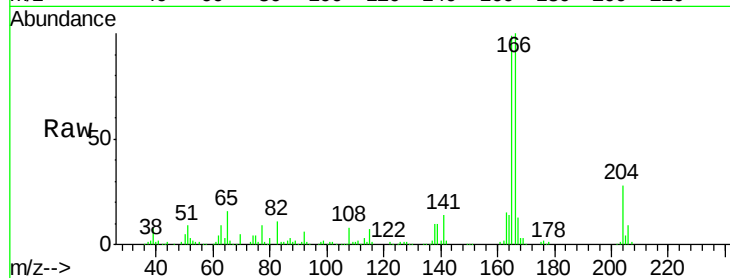
Tot Ion:166 Resp: 252146

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

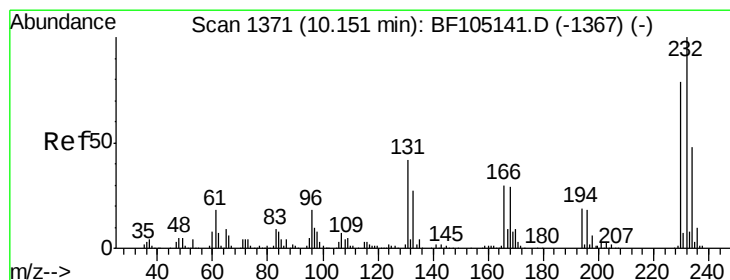
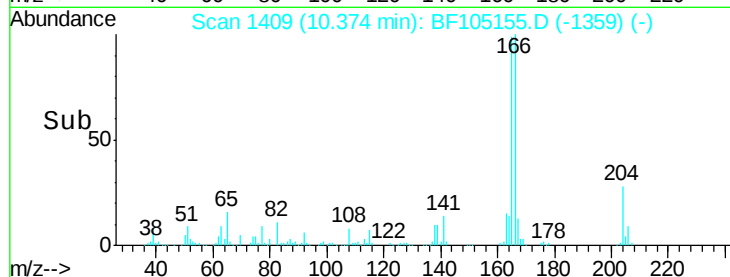
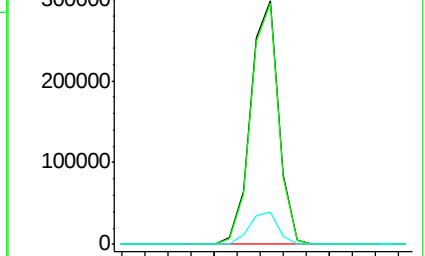
167 13.3 10.6 16.0



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: 7.92 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Tgt Ion:232 Resp: 58375

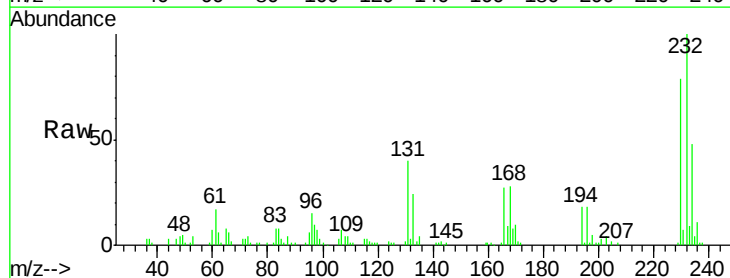
Ion Ratio Lower Upper

232 100

131 43.8 43.8 65.8#

130 2.2 2.1 3.1

166 30.6 27.8 41.6

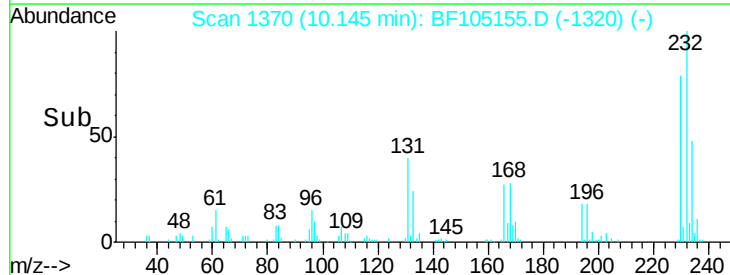
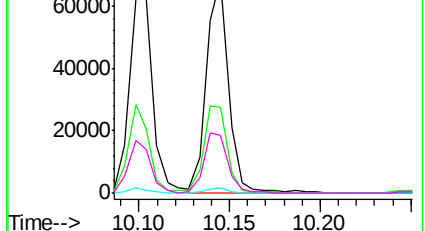


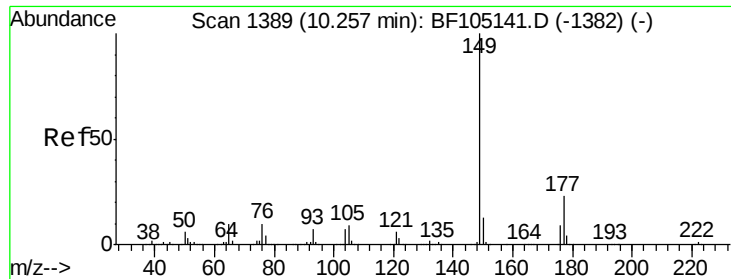
Abundance Ion 232.00 (231.70 to 232.70): E

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

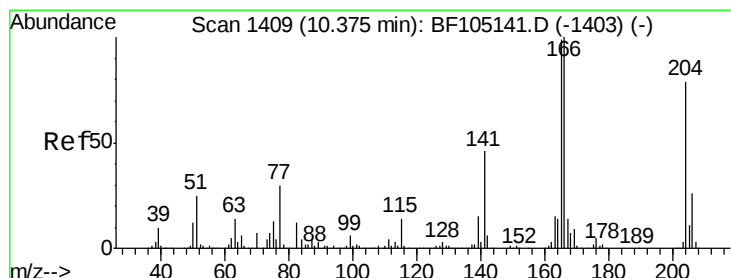
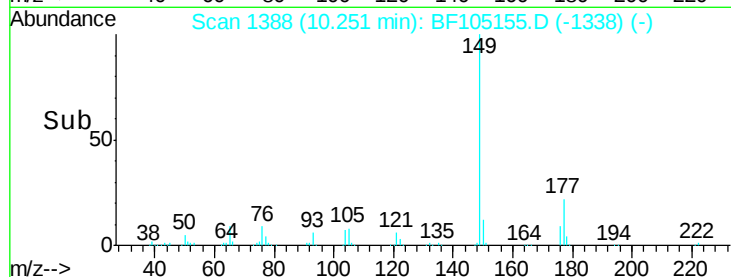
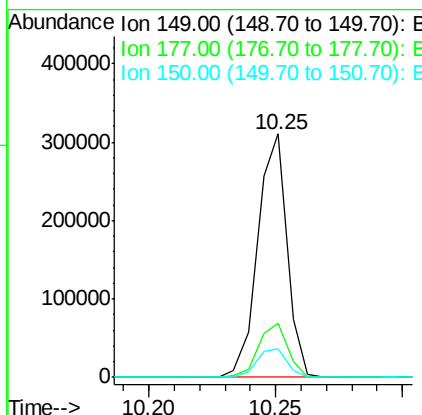
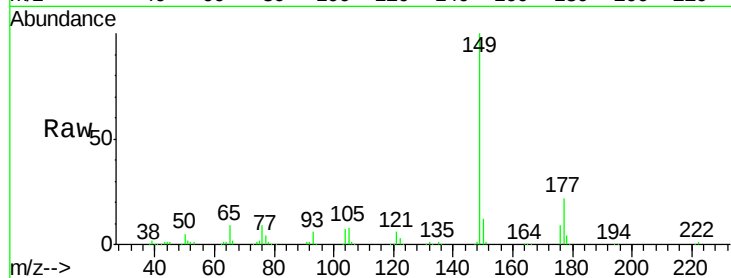




#59
Diethylphthalate
Concen: 9.31 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

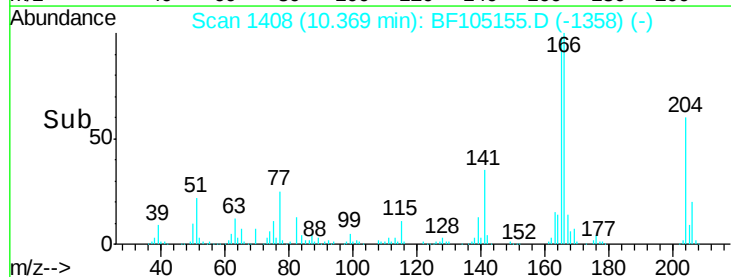
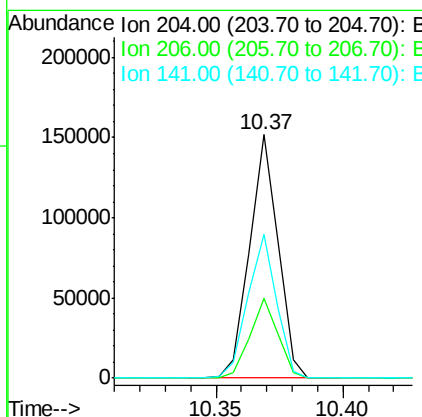
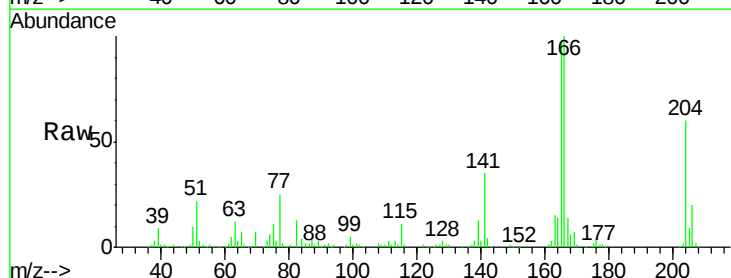
Instrument :
BNA_F
ClientSampleId :

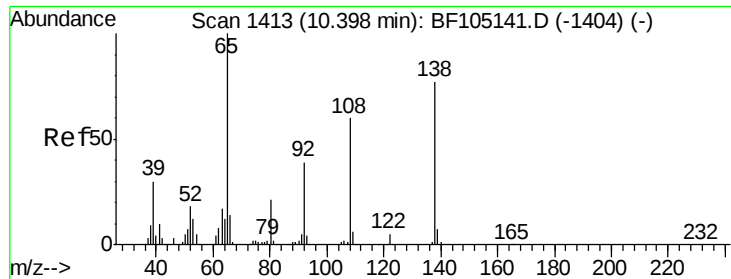
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	11.9	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 9.70 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	58.9	54.6	81.8

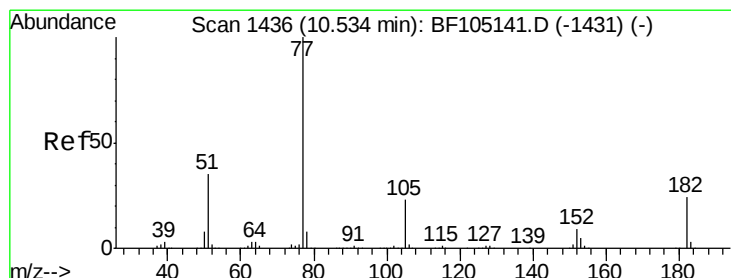
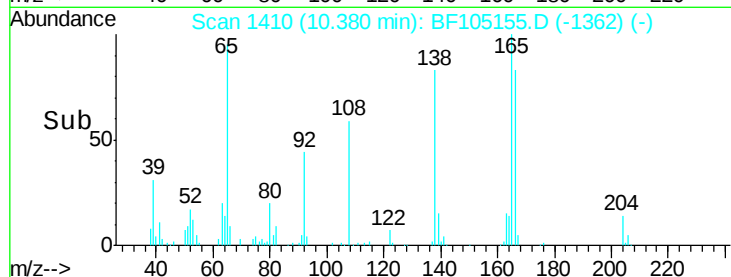
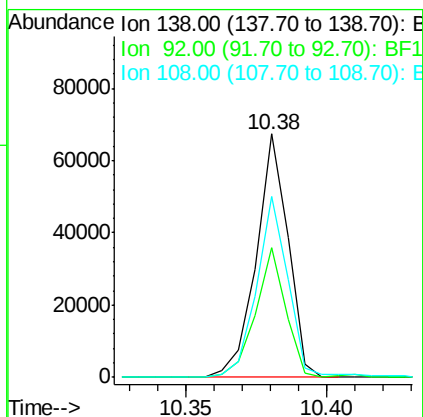
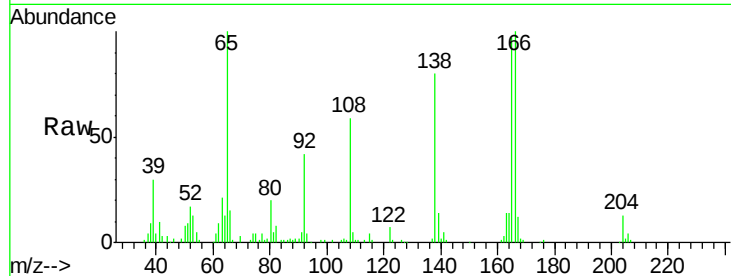




#61
4-Nitroaniline
Concen: 8.40 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

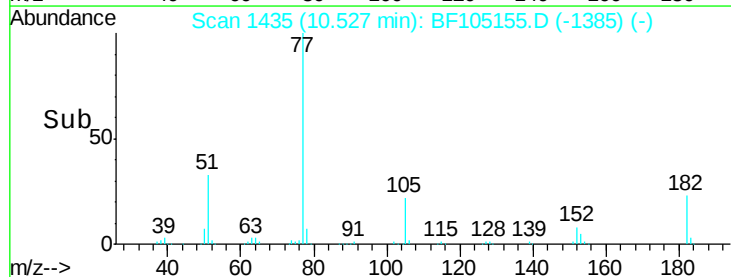
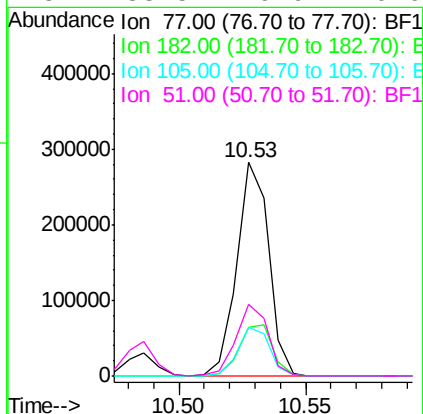
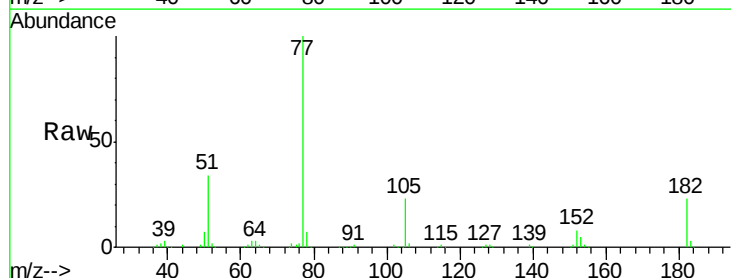
Instrument :
BNA_F
ClientSampled :

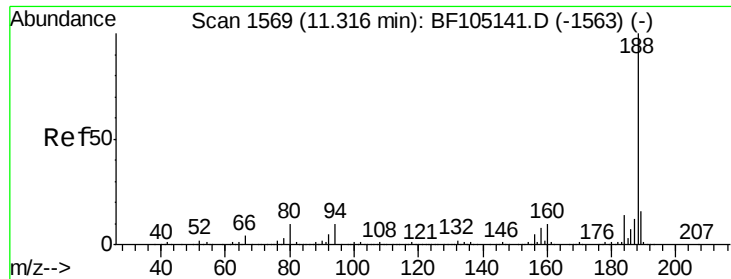
Tot Ion:138 Resp: 52651
Ion Ratio Lower Upper
138 100
92 53.1 30.2 70.2
108 74.1 52.5 92.5



#62
Azobenzene
Concen: 8.73 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion: 77 Resp: 246670
Ion Ratio Lower Upper
77 100
182 22.7 1.7 41.7
105 22.7 3.0 43.0
51 33.5 9.9 49.9

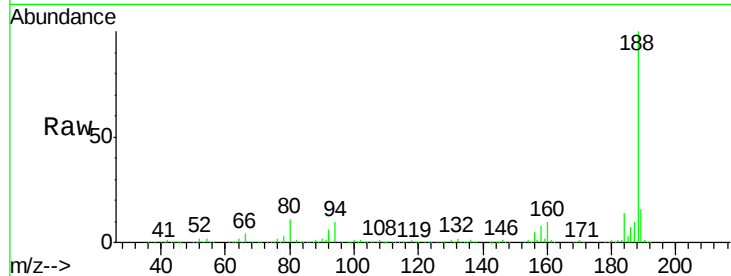




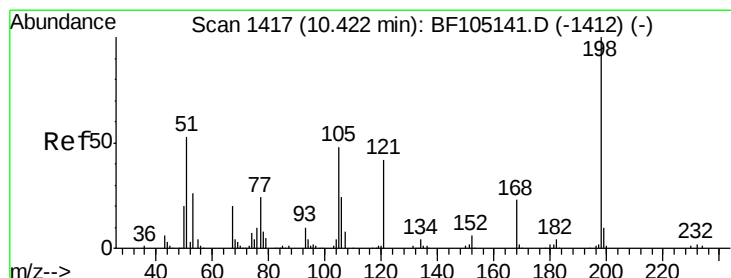
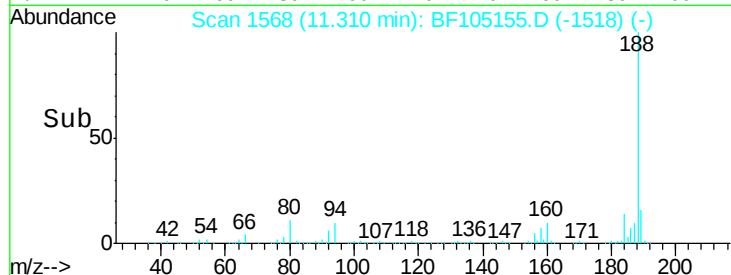
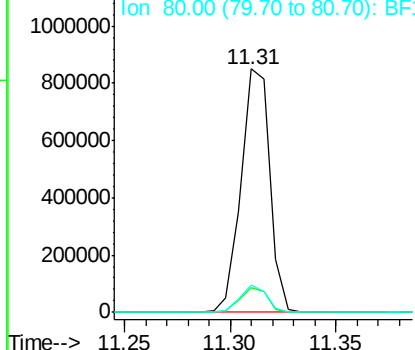
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 800106
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.2 13.8

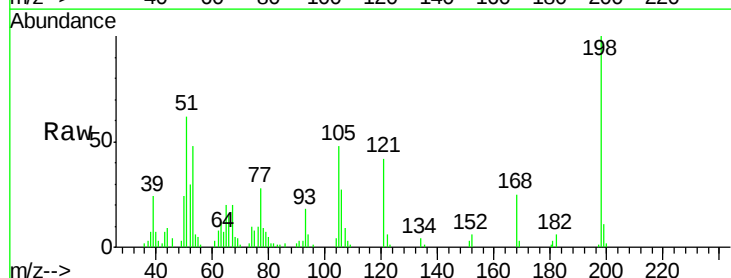


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

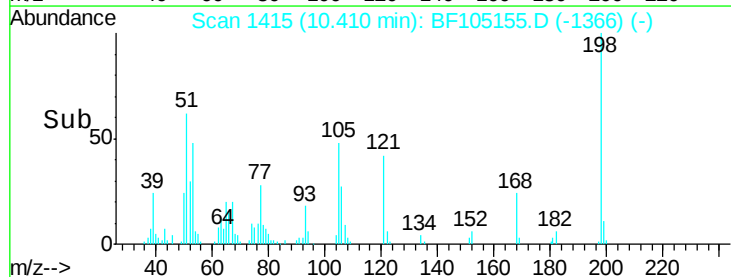
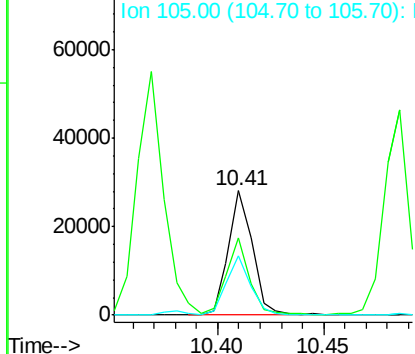


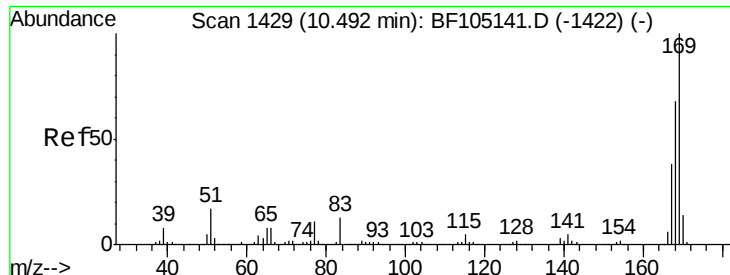
#64
4,6-Dinitro-2-methylphenol
Concen: 16.14 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion:198 Resp: 22128
Ion Ratio Lower Upper
198 100
51 61.9 37.7 77.7
105 47.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

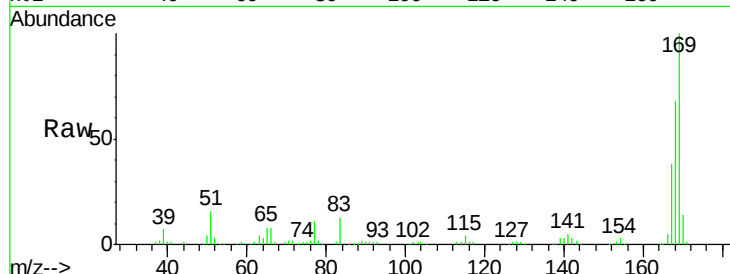




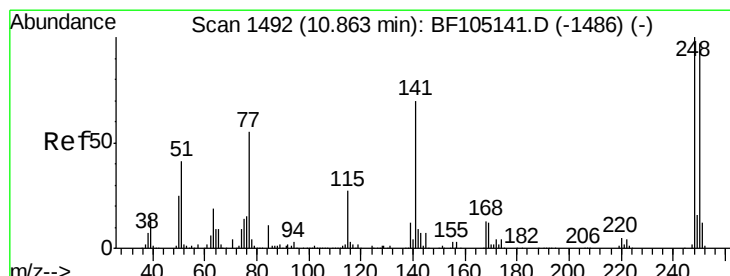
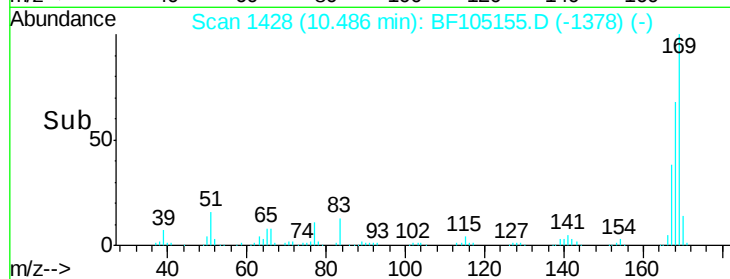
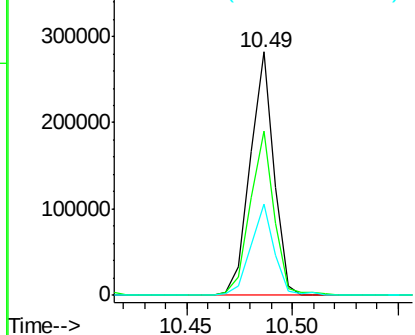
#65
 n-Nitrosodiphenylamine
 Concen: 8.82 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	37.6	29.8	44.6

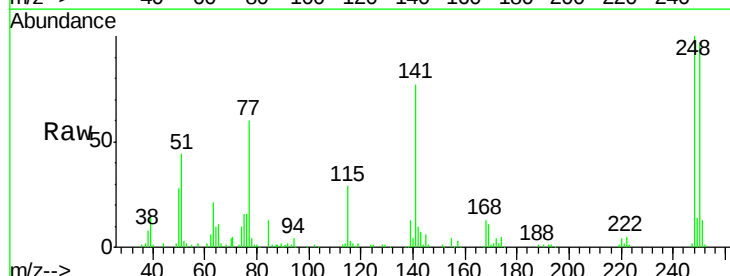


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

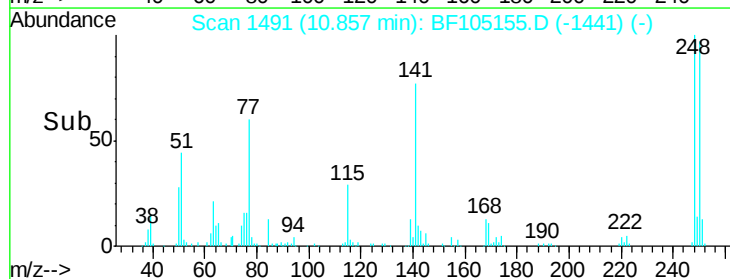
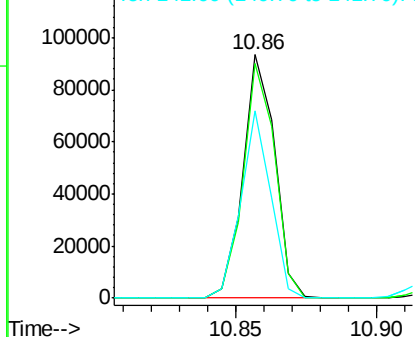


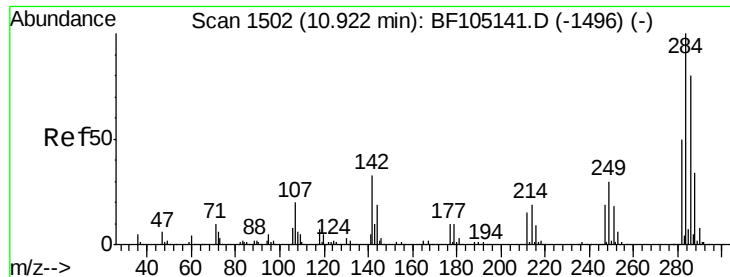
#66
 4-Bromophenyl-phenylether
 Concen: 8.54 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	77.1	74.4	111.6



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

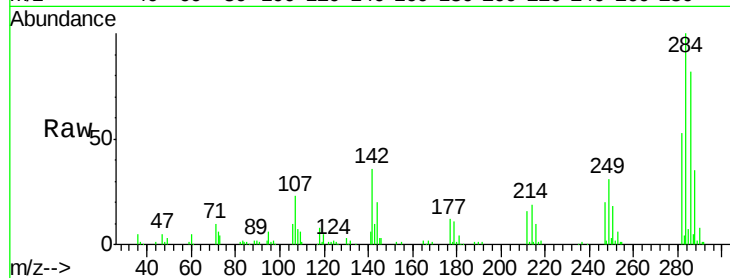




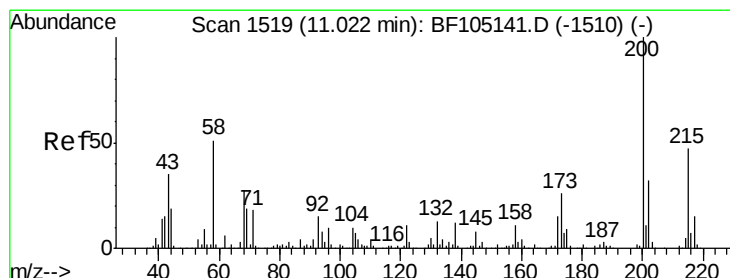
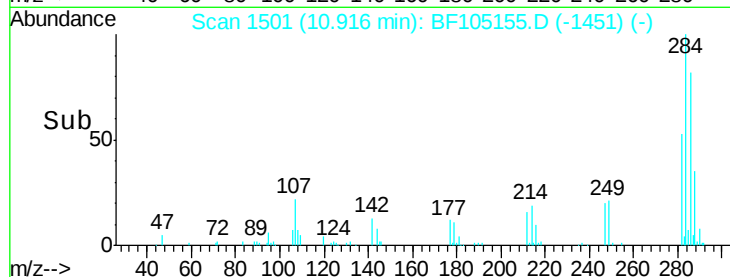
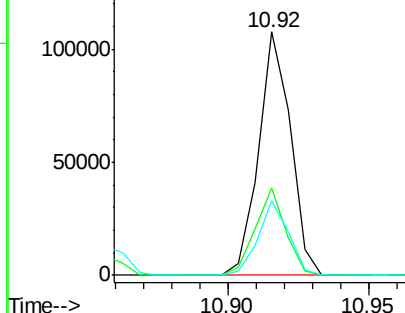
#67
Hexachlorobenzene
Concen: 8.58 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 84408
Ion Ratio Lower Upper
284 100
142 36.0 34.6 52.0
249 30.7 24.8 37.2

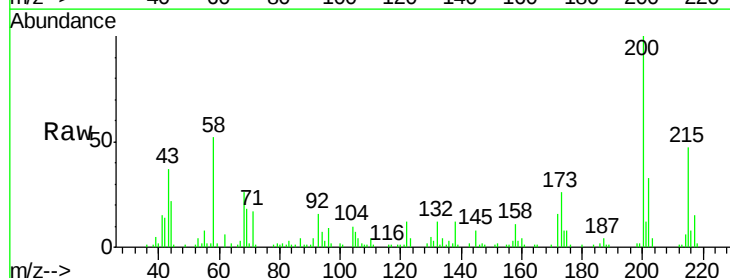


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

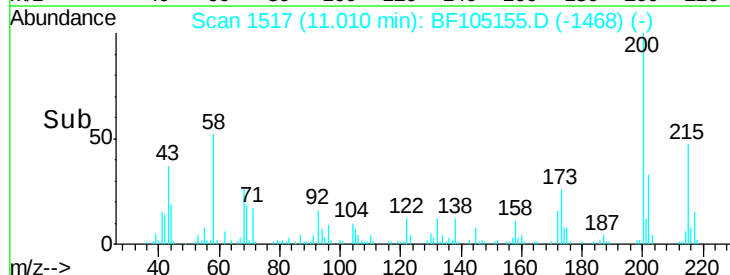
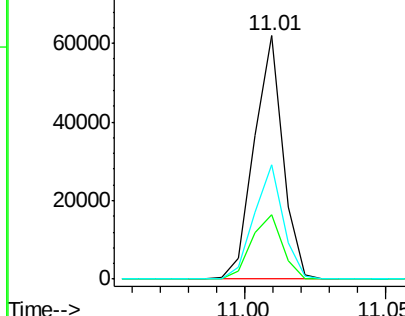


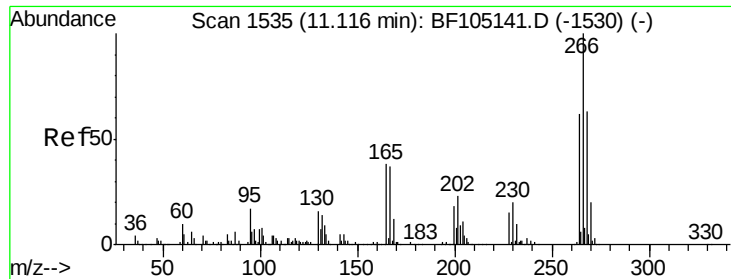
#68
Atrazine
Concen: 5.59 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion:200 Resp: 43659
Ion Ratio Lower Upper
200 100
173 26.2 8.6 48.6
215 47.1 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

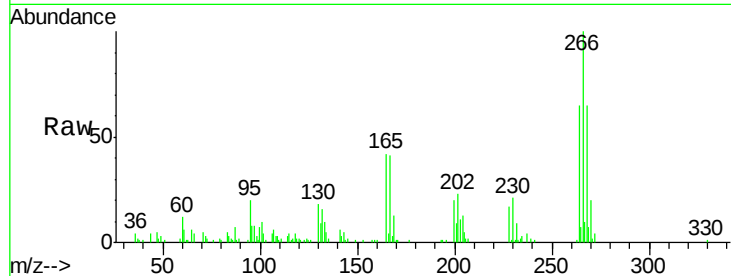




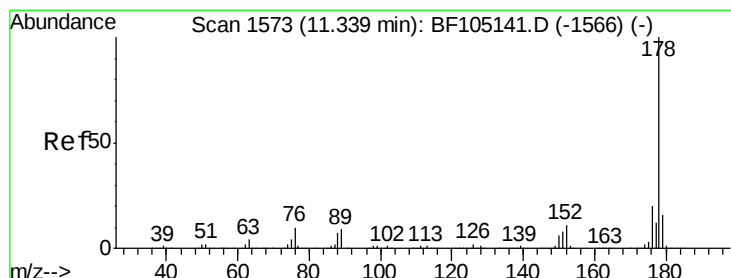
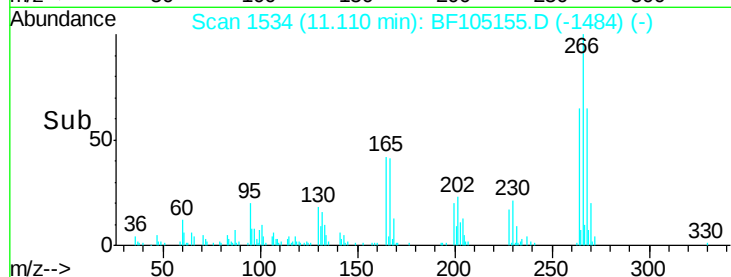
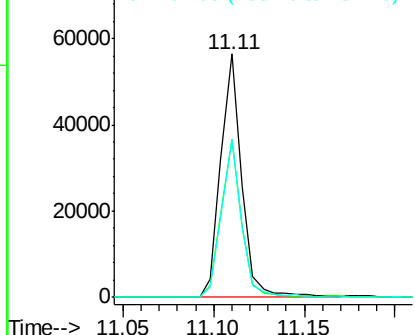
#69
 Pentachlorophenol
 Concen: 10.74 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 45423
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.1 76.7
 264 64.8 49.5 74.3

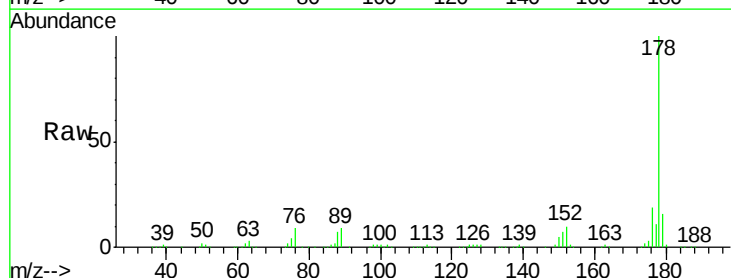


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

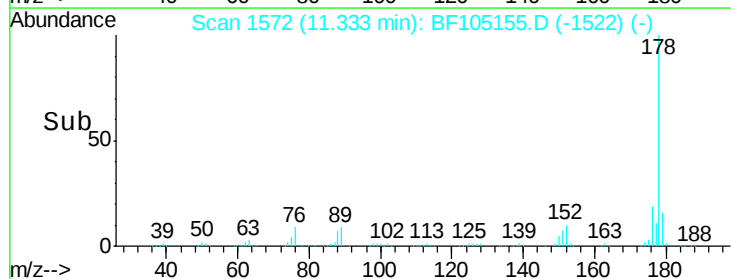
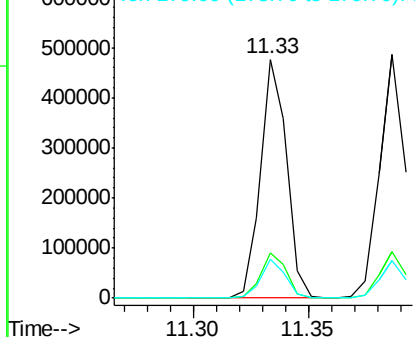


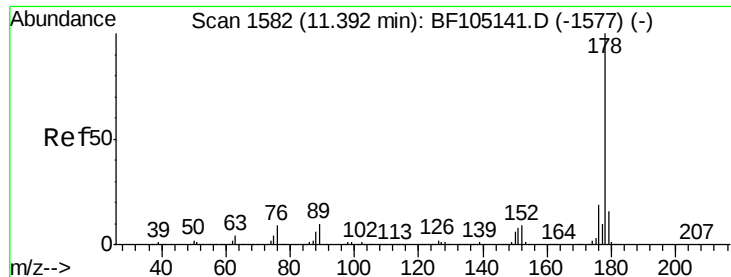
#70
 Phenanthrene
 Concen: 8.96 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Tgt Ion:178 Resp: 377817
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 16.0 13.0 19.6



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

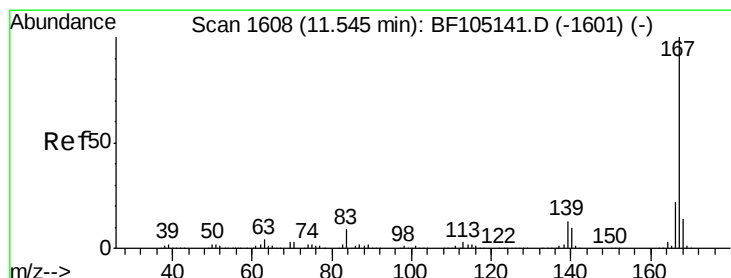
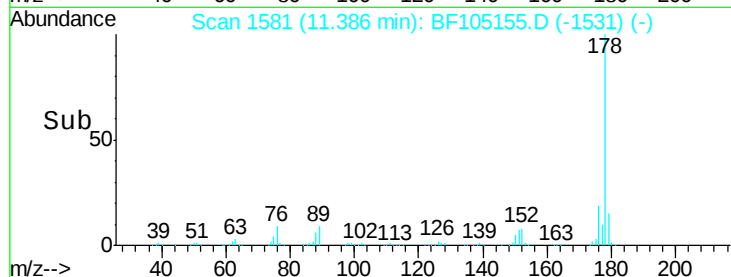
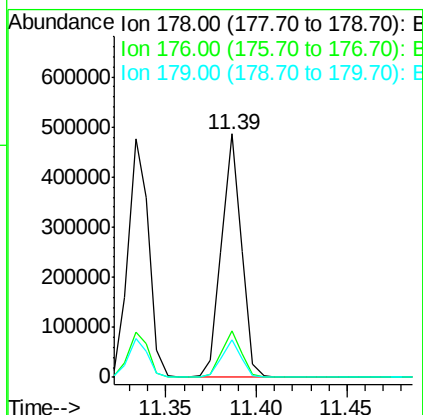
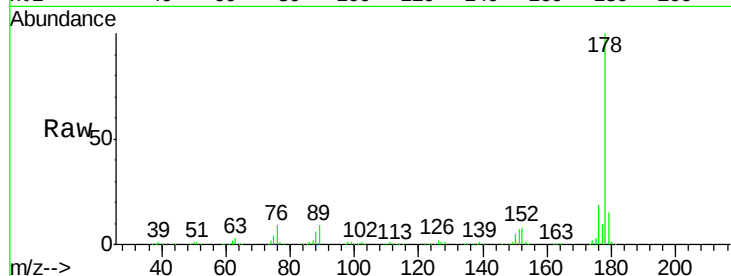




#71
 Anthracene
 Concen: 8.73 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

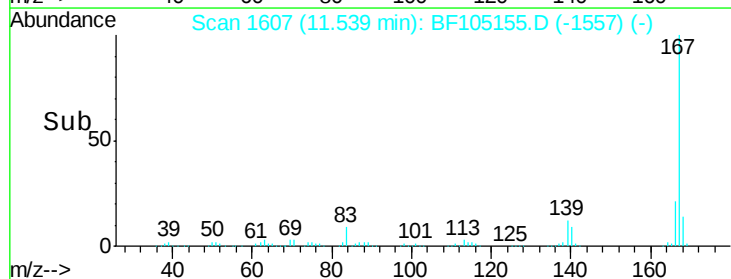
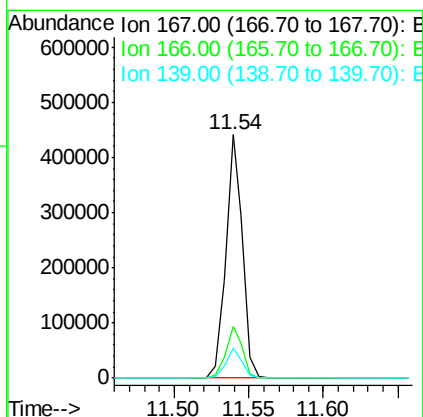
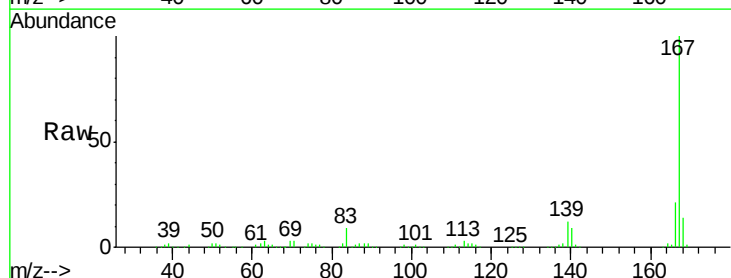
Instrument :
 BNA_F
 ClientSampleId :

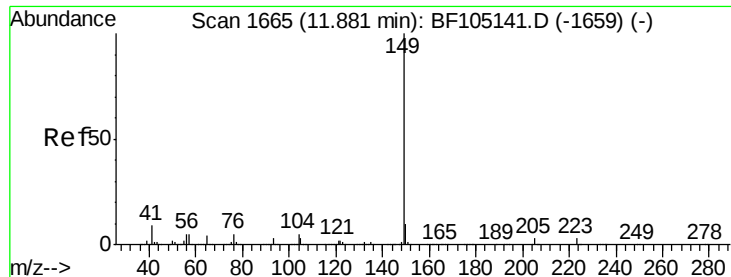
Tot Ion:178 Resp: 374028
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 8.95 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Tgt Ion:167 Resp: 345766
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 9.05 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

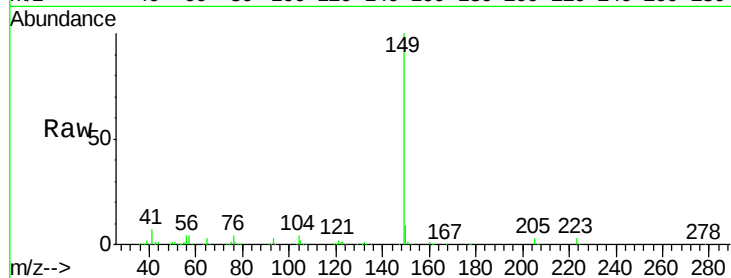
Tot Ion:149 Resp: 373670

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

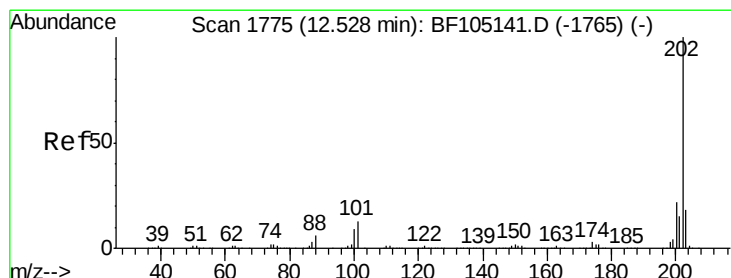
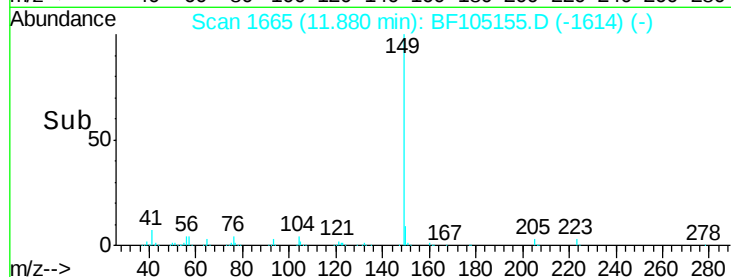
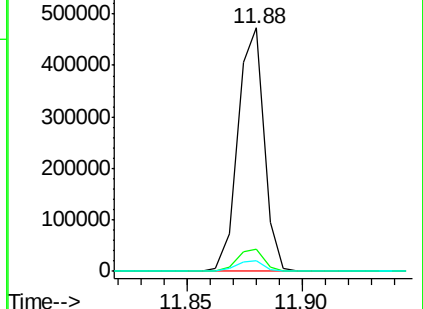
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 8.95 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

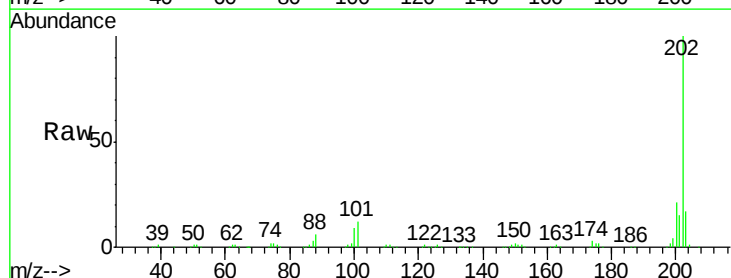
Tgt Ion:202 Resp: 393492

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

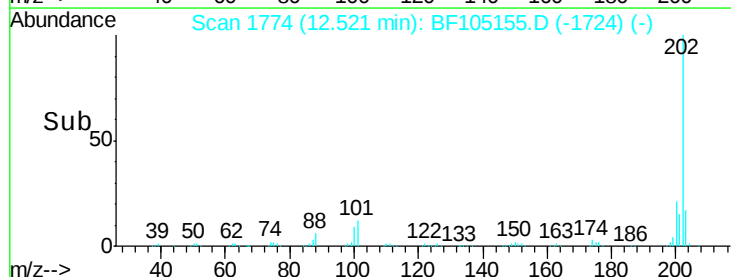
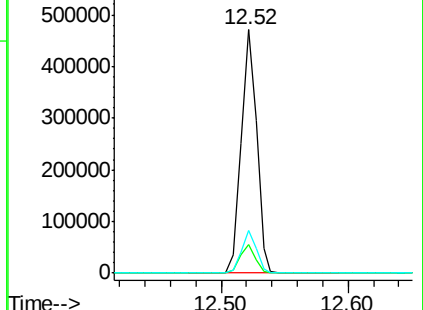
203 17.5 0.0 38.1

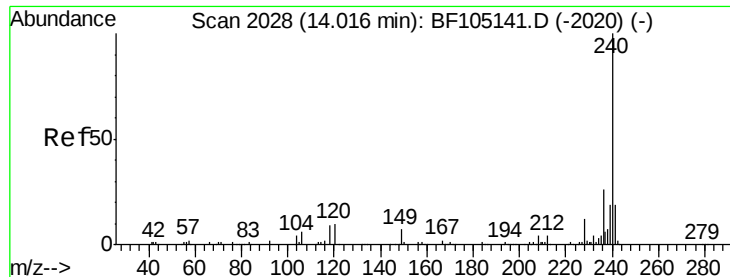


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampled :

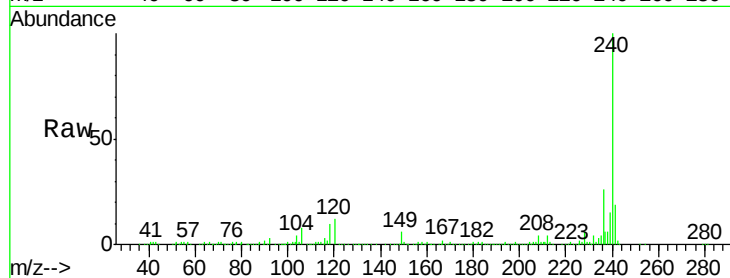
Tot Ion:240 Resp: 686163

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

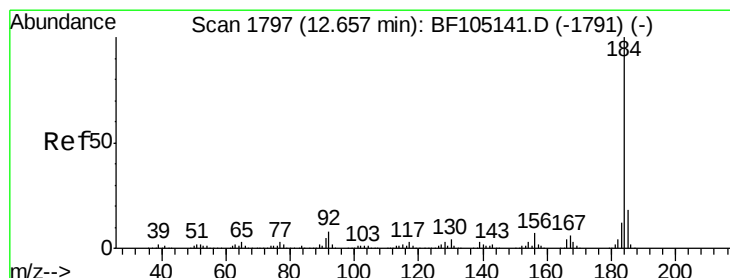
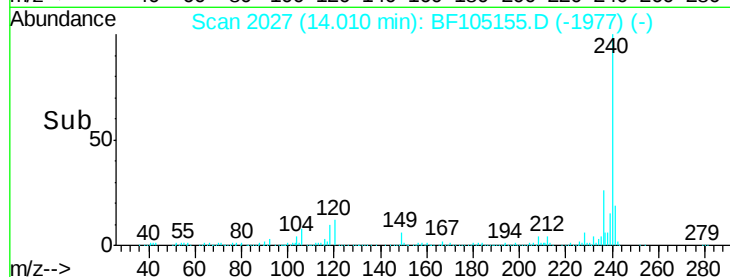
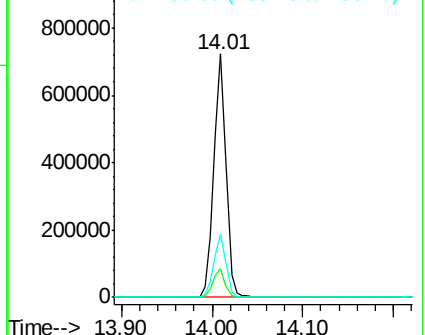
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.32 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

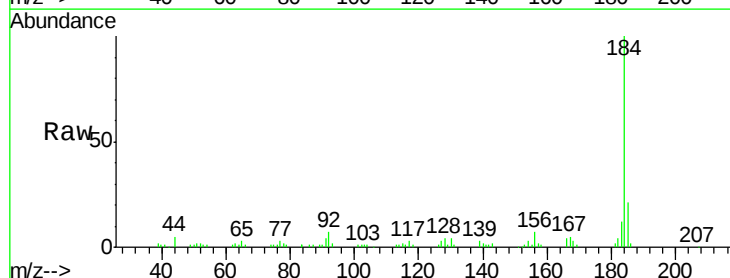
Tgt Ion:184 Resp: 59462

Ion Ratio Lower Upper

184 100

185 20.5 12.6 18.8#

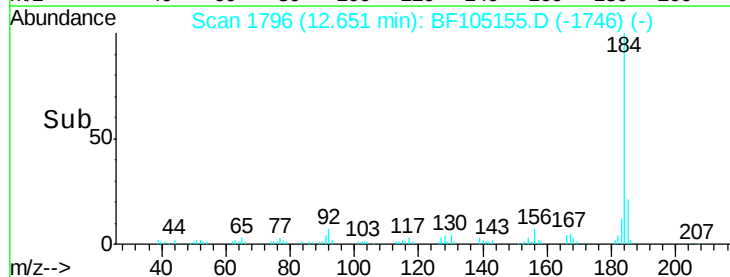
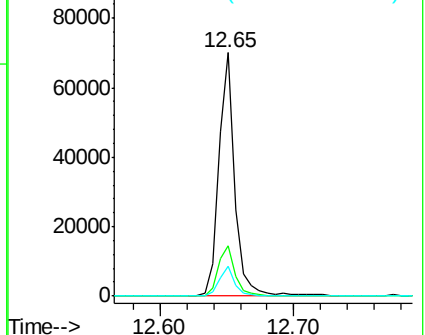
183 12.5 9.3 13.9

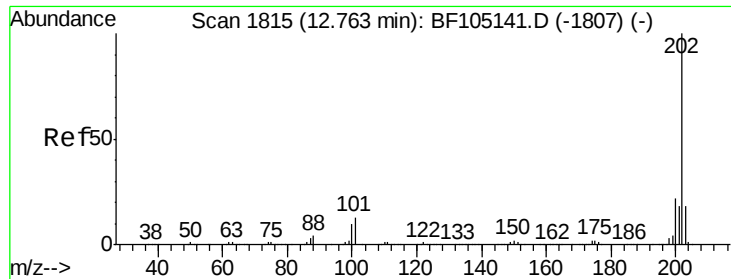


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

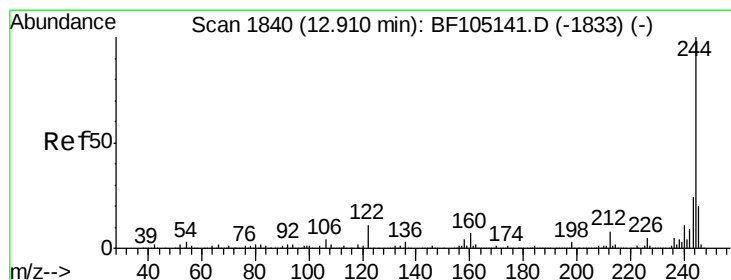
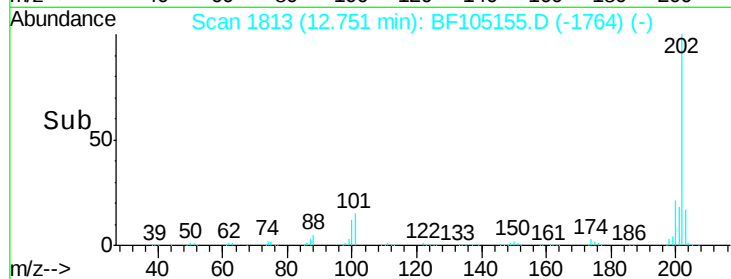
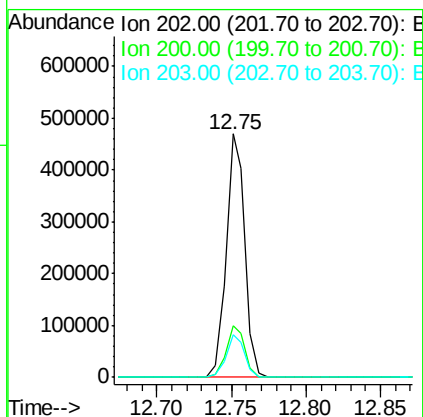
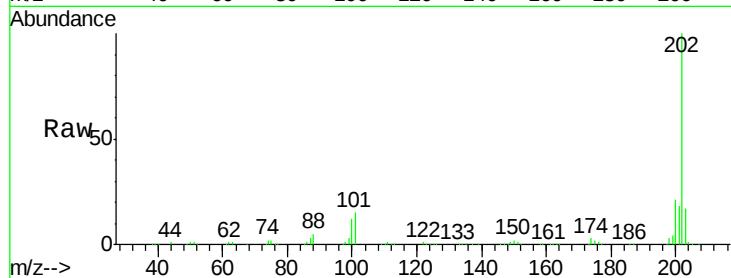




#77
Pvrene
Concen: 8.28 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

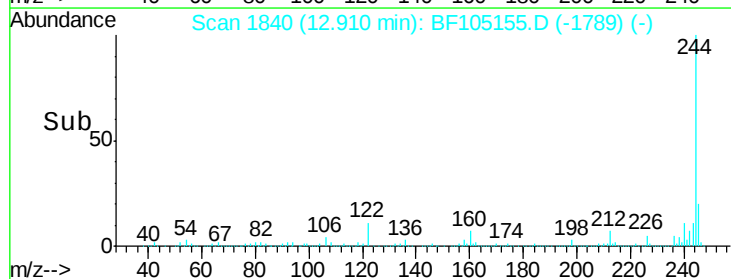
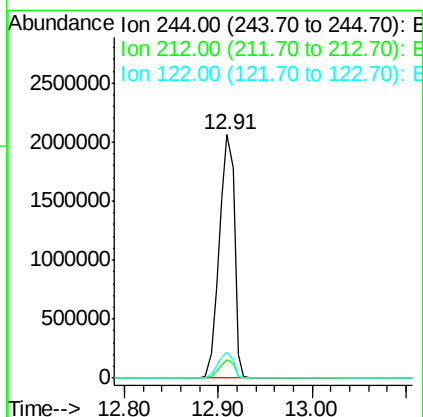
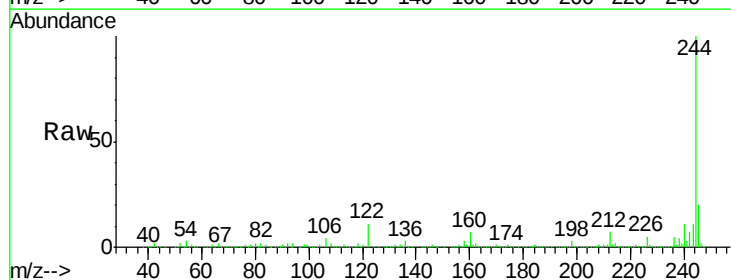
Instrument :
BNA_F
ClientSampleId :

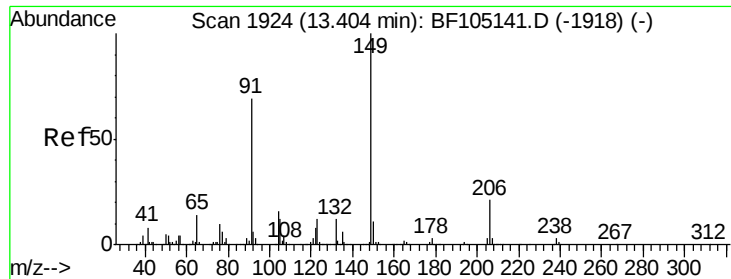
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.3	14.3	21.5



#78
Terphenyl-d14
Concen: 79.03 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.9	11.0	16.4#

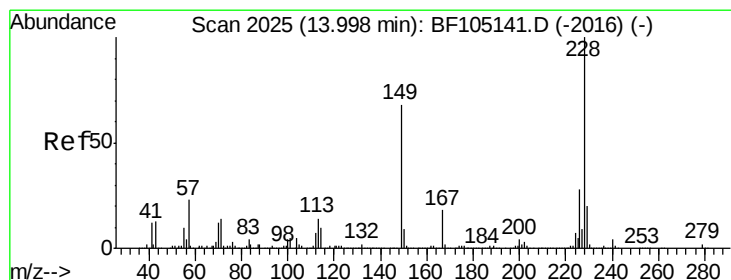
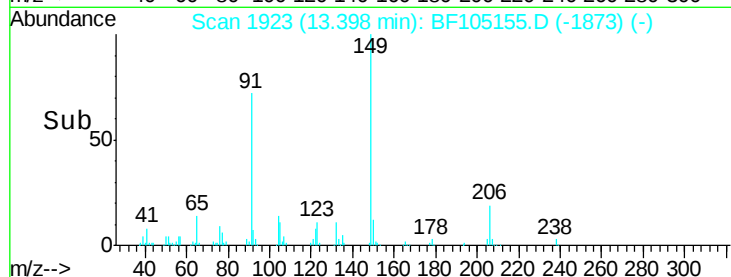
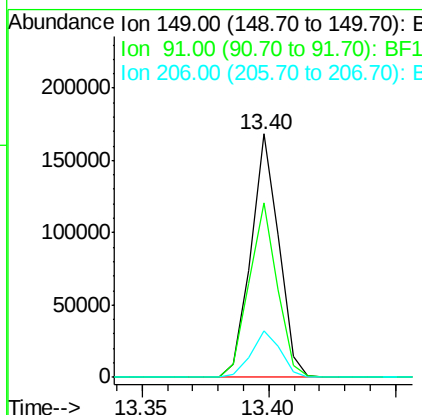
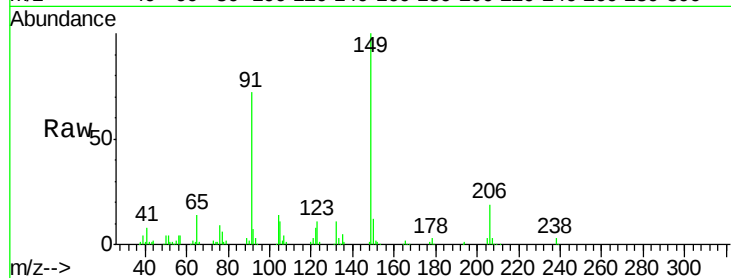




#79
Butylbenzylphthalate
Concen: 13.04 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

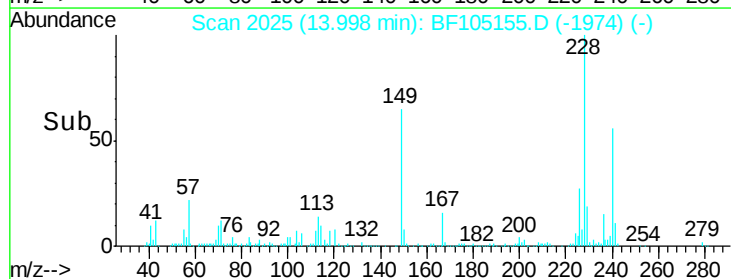
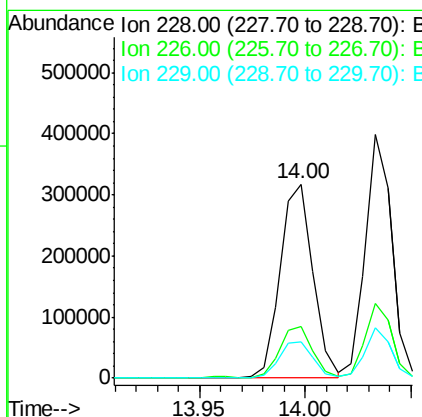
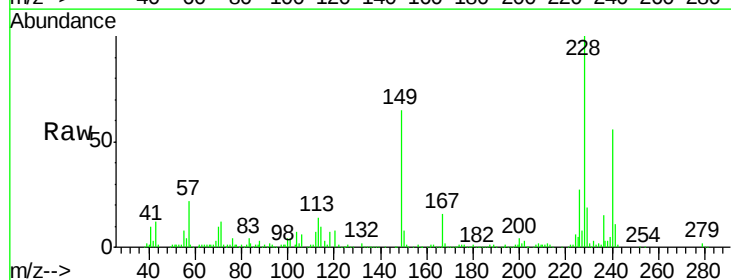
Instrument :
BNA_F
ClientSampleId :

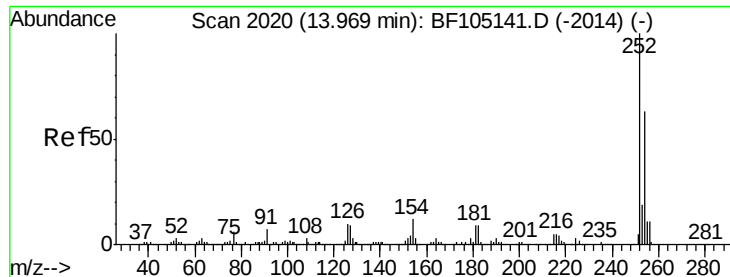
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	56.8	85.2
206	19.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 8.26 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	18.7	15.8	23.6

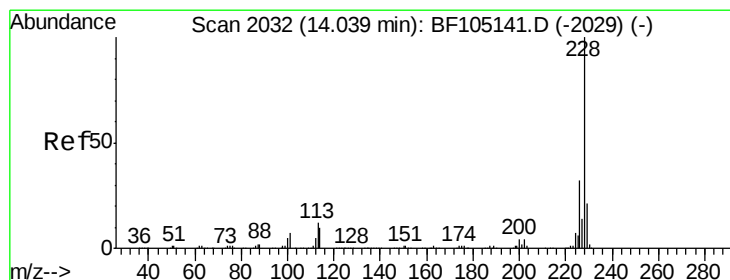
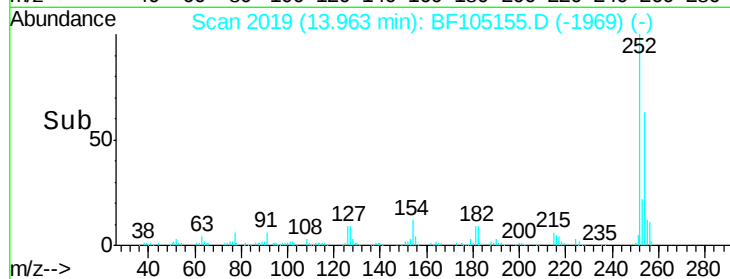
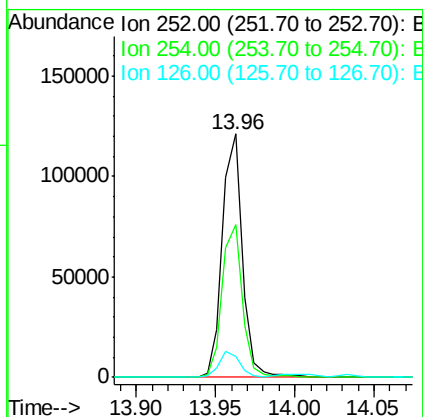
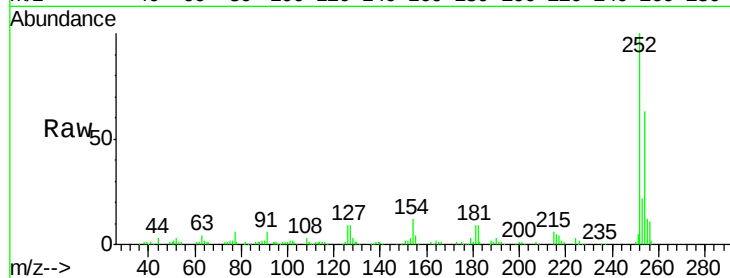




#81
 3,3'-Dichlorobenzidine
 Concen: 6.82 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

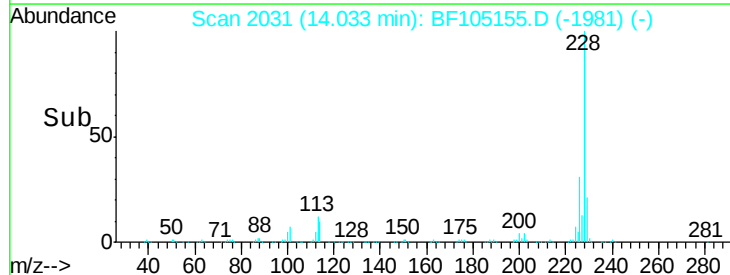
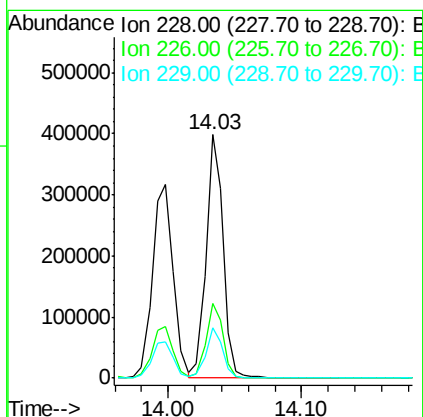
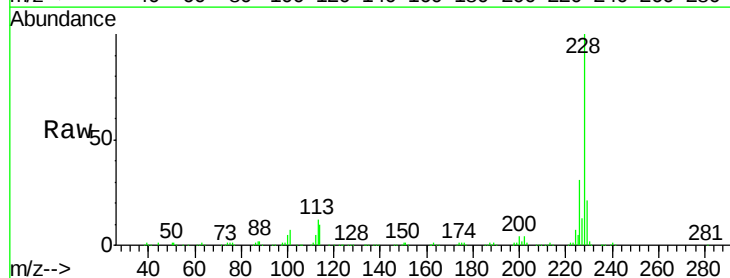
Instrument :
 BNA_F
 ClientSampleId :

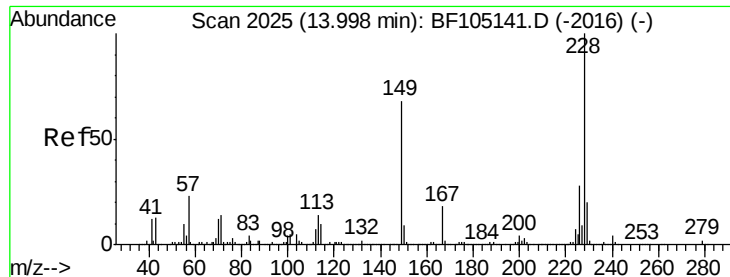
Tot Ion:252 Resp: 106653
 Ion Ratio Lower Upper
 252 100
 254 62.8 50.4 75.6
 126 8.8 11.3 16.9#



#82
 Chrysene
 Concen: 8.22 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF105155.D
 Acq: 8 May 2018 20:19

Tgt Ion:228 Resp: 352257
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.24 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :

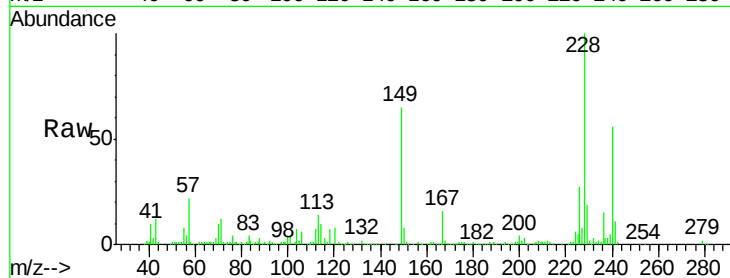
Tot Ion:149 Resp: 190752

Ion Ratio Lower Upper

149 100

167 25.1 21.3 31.9

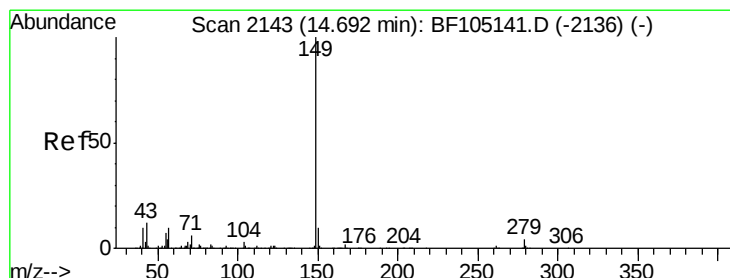
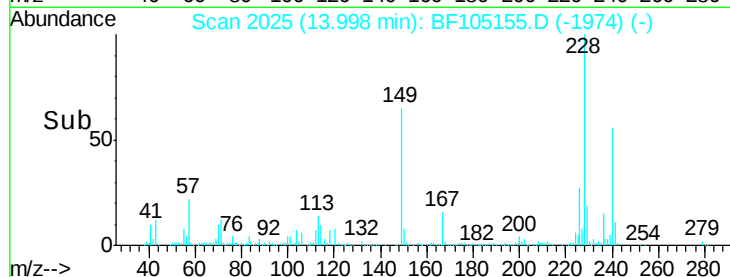
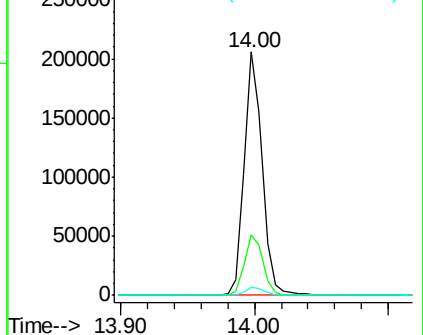
279 3.1 3.0 4.4



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: 12.53 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BF105155.D

Acq: 8 May 2018 20:19

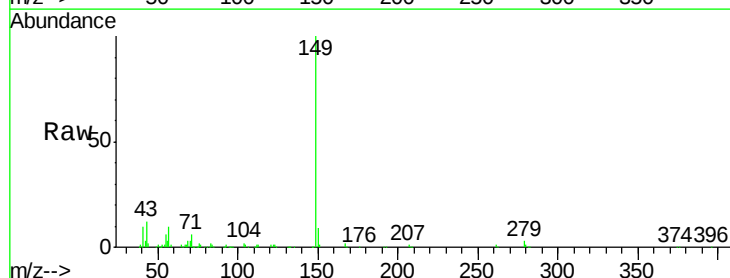
Tgt Ion:149 Resp: 261728

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

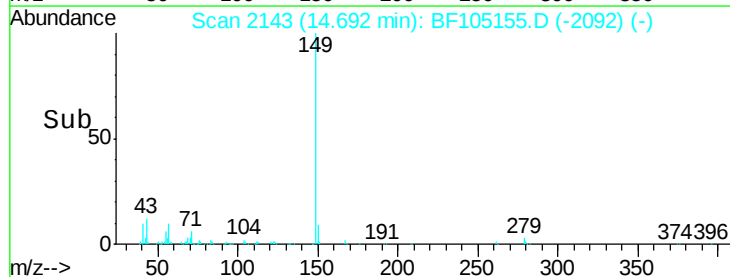
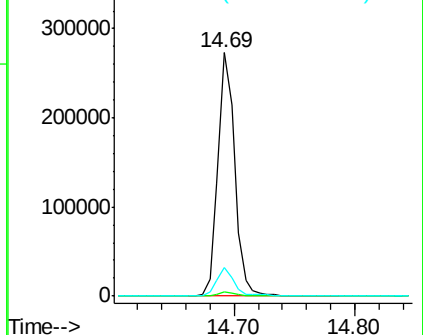
43 12.5 8.4 12.6

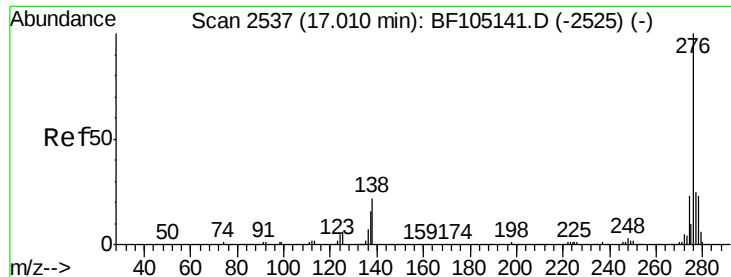


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

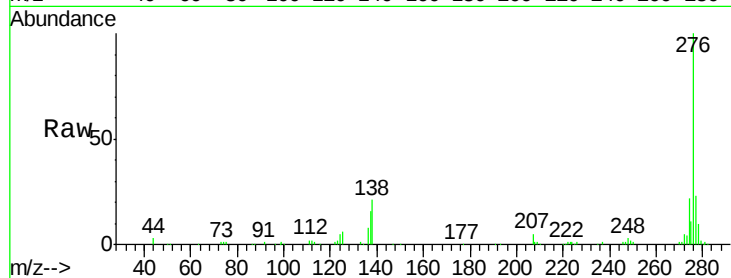




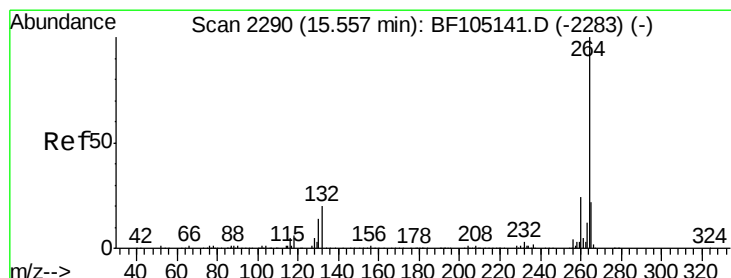
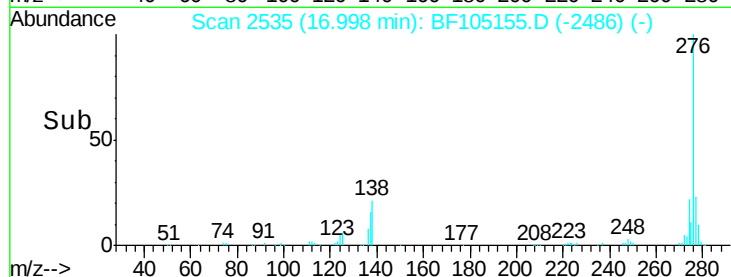
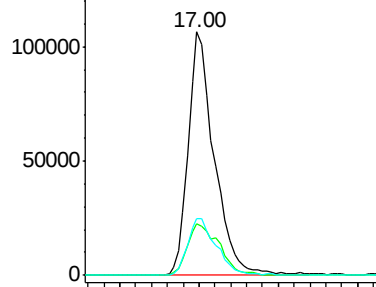
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.15 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.0	37.6
277	25.1	20.1	30.1

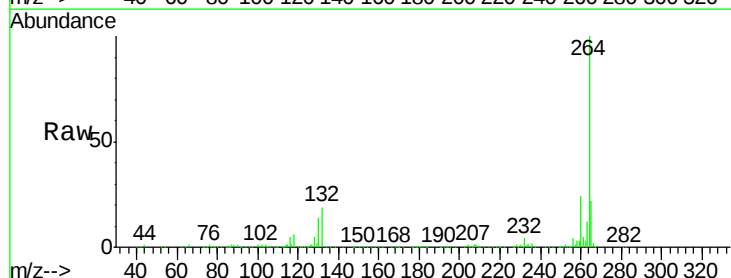


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

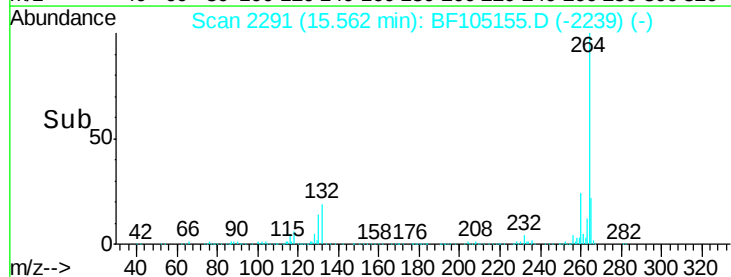
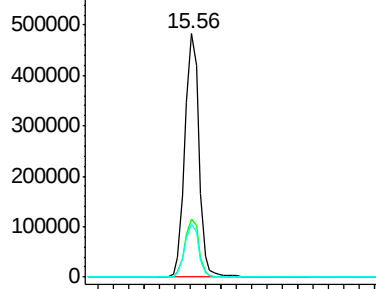


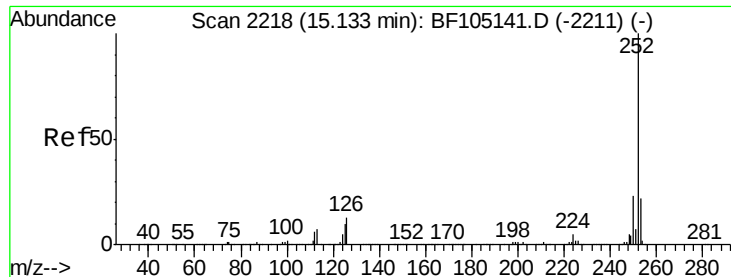
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

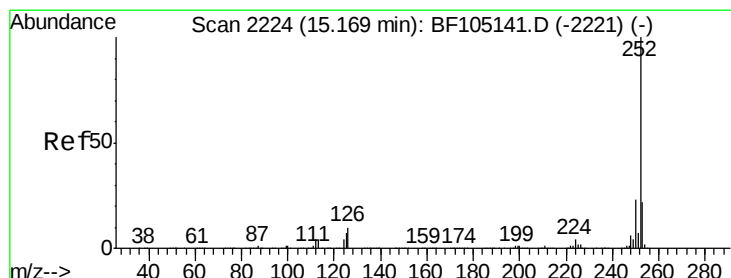
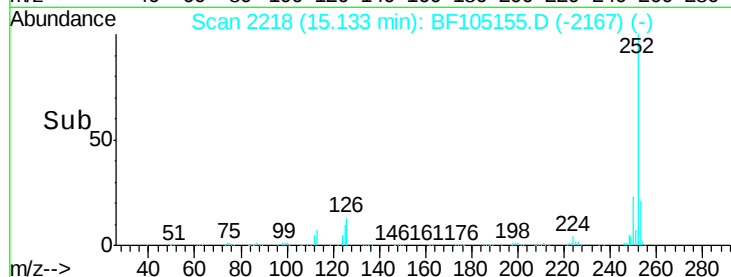
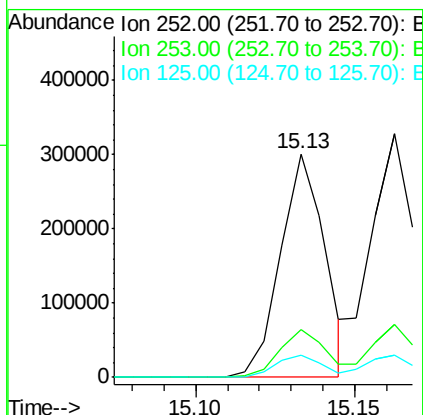
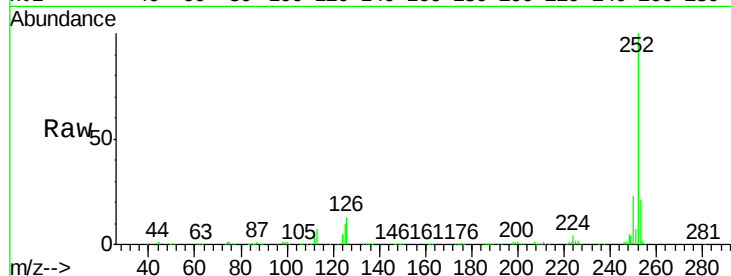




#87
Benzo(b)fluoranthene
Concen: 7.91 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

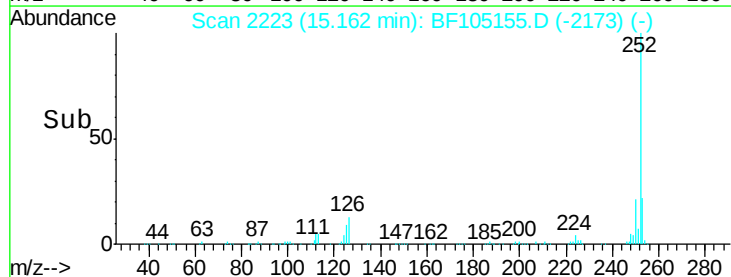
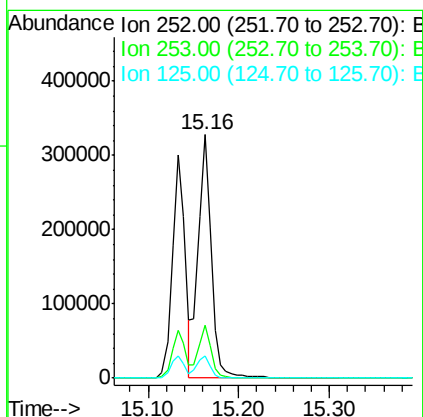
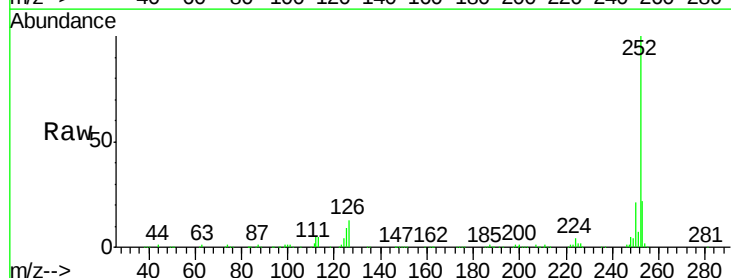
Instrument :
BNA_F
ClientSampleId :

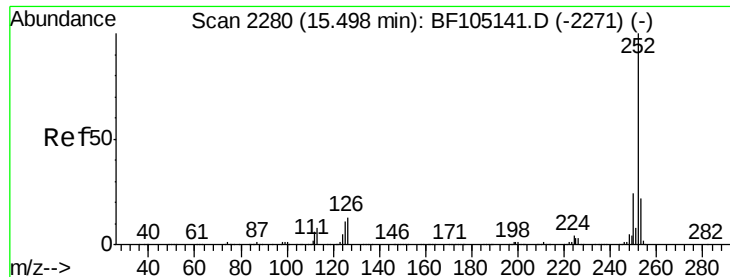
Tot Ion:252 Resp: 293452
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 9.27 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion:252 Resp: 333435
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.1 10.2 15.2#

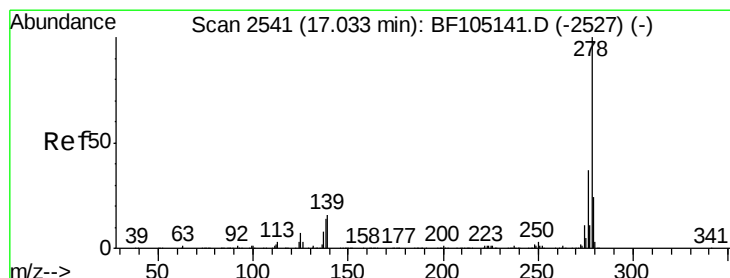
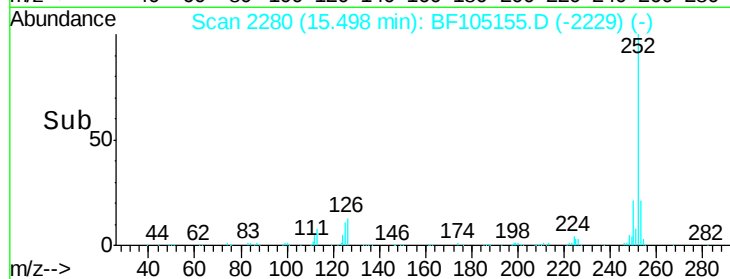
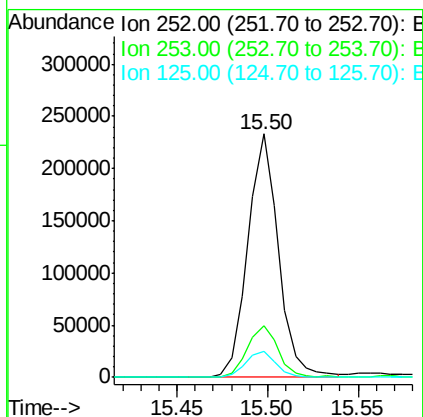
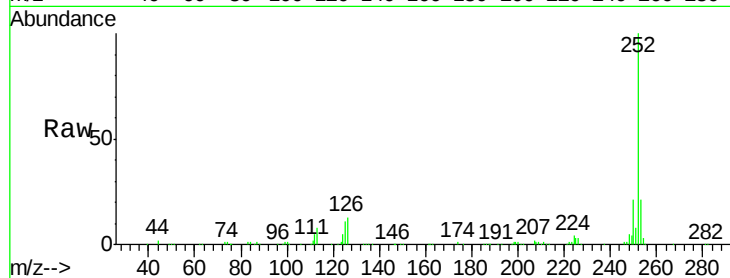




#89
Benzo(a)pyrene
Concen: 8.09 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

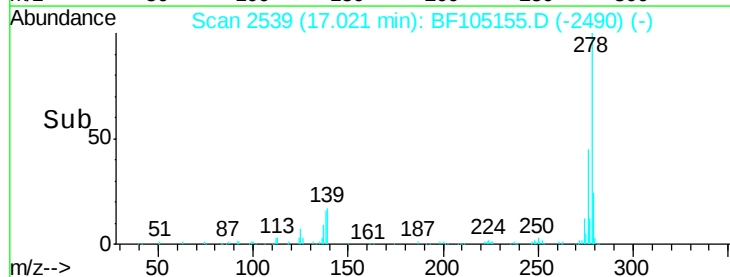
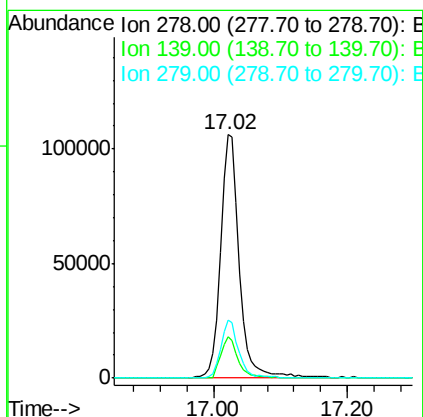
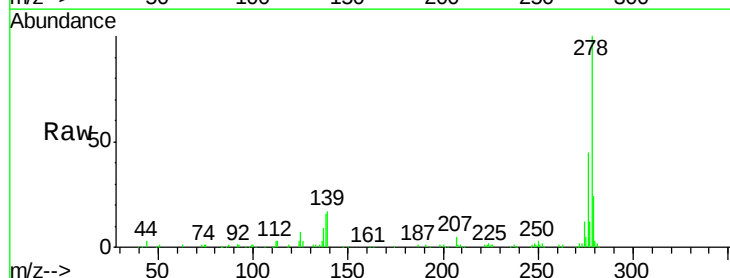
Instrument :
BNA_F
ClientSampleId :

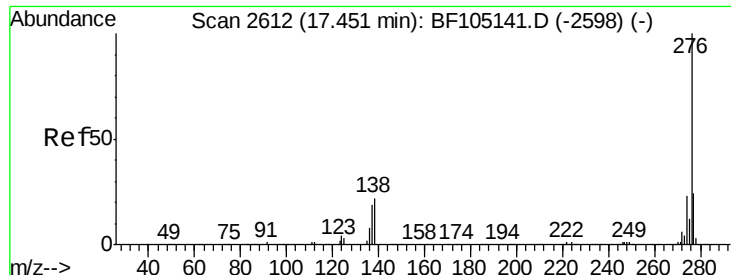
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	10.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 8.05 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF105155.D
Acq: 8 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.9	23.9
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 7.72 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

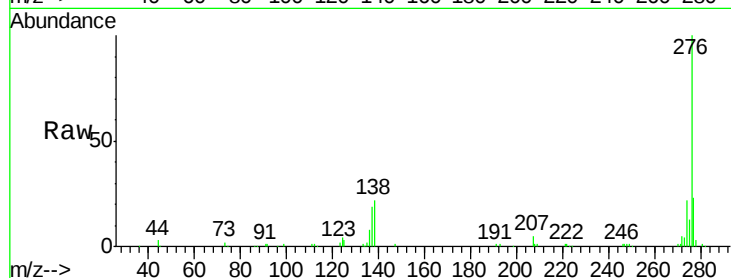
Lab File: BF105155.D

Acq: 8 May 2018 20:19

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 197887

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 22.1 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

