

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105138.D
 Acq On : 8 May 2018 11:13
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: May 08 14:45:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 13:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	182160	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	734722	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	368474	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	719618	20.00	ng	0.00
75) Chrysene-d12	14.00	240	582850	20.00	ng	-0.01
86) Perylene-d12	15.54	264	481418	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	52702	4.42	ng	-0.01
7) Phenol-d6	6.40	99	63507	4.34	ng	-0.02
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.90	244	145947	5.71	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	16900	3.044	ng	98
3) Pyridine	3.25	79	38841	2.489	ng	# 85
4) n-Nitrosodimethylamine	3.18	42	19105	3.502	ng	# 66
6) Aniline	6.45	93	49372	2.428	ng	97
8) 2-Chlorophenol	6.57	128	28029	2.229	ng	98
9) Benzaldehyde	6.34	77	27347	3.744	ng	95
10) Phenol	6.42	94	34627	2.230	ng	99
11) bis(2-Chloroethyl)ether	6.52	93	33245	2.682	ng	92
12) 1,3-Dichlorobenzene	6.73	146	40210	2.823	ng	94
13) 1,4-Dichlorobenzene	6.81	146	39851	2.806	ng	97
14) 1,2-Dichlorobenzene	6.96	146	37472	2.848	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	60190	3.616	ng	96
17) 2-Methylphenol	7.03	107	23766	2.174	ng	94
18) Hexachloroethane	7.30	117	10699	2.113	ng	91
19) n-Nitroso-di-n-propylamine	7.19	70	21030	2.199	ng	# 87
20) 3+4-Methylphenols	7.19	107	29159	2.151	ng	# 82
22) Acetophenone	7.19	105	50986	2.819	ng	# 88
25) Isophorone	7.60	82	59894	2.517	ng	94
27) 2,4-Dimethylphenol	7.72	122	22113	2.106	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	38778	2.666	ng	# 97
30) 1,2,4-Trichlorobenzene	8.01	180	32322	2.939	ng	98
31) Naphthalene	8.09	128	104766	2.864	ng	98
33) 4-Chloroaniline	8.14	127	39144	2.497	ng	96
34) Hexachlorobutadiene	8.21	225	18603	3.089	ng	92
37) 2-Methylnaphthalene	8.78	142	71005	3.000	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	33455	3.172	ng	97
45) 1,1'-Biphenyl	9.25	154	87621	2.831	ng	97
46) 2-Chloronaphthalene	9.27	162	62876	2.572	ng	96
48) Acenaphthylene	9.69	152	92613	2.414	ng	100
51) Acenaphthene	9.86	154	62804	2.683	ng	97
54) Dibenzofuran	10.03	168	92513	2.836	ng	100
57) Fluorene	10.37	166	72052	3.035	ng	99
62) Azobenzene	10.53	77	69977	2.531	ng	94
65) n-Nitrosodiphenylamine	10.48	169	62425	2.502	ng	97

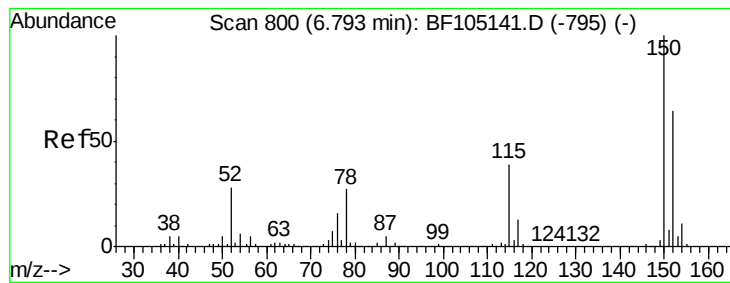
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Bromophenyl-phenylether	10.86	248	19612	2.562	nq	93
67) Hexachlorobenzene	10.92	284	24770	2.876	nq #	91
70) Phenanthrene	11.33	178	111659	2.786	nq	97
71) Anthracene	11.39	178	107548	2.640	nq	98
72) Carbazole	11.54	167	93377	2.346	nq	97
74) Fluoranthene	12.52	202	103072	2.462	nq	97
77) Pyrene	12.75	202	111812	2.588	nq	97
80) Benzo(a)anthracene	13.99	228	87823	2.522	nq	98
82) Chrysene	14.03	228	96358	2.694	nq	97
87) Benzo(b)fluoranthene	15.12	252	66604	2.191	nq	99
88) Benzo(k)fluoranthene	15.14	252	70739	2.464	nq	97
89) Benzo(a)pyrene	15.48	252	58909	2.165	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

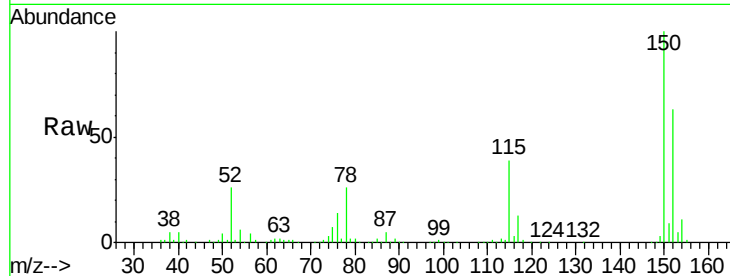
Tot Ion:152 Resp: 182160

Ion Ratio Lower Upper

152 100

150 158.9 124.6 186.8

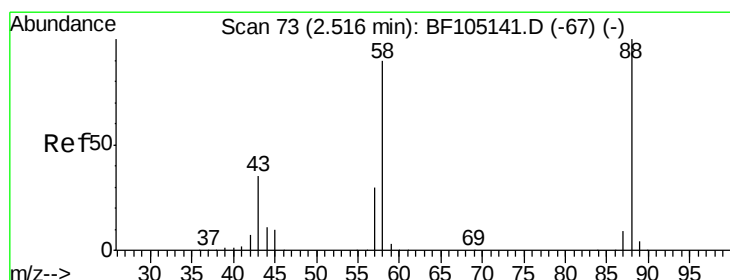
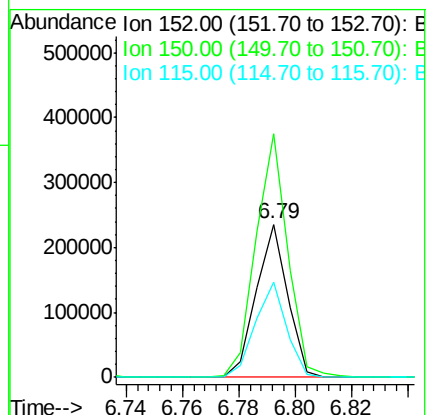
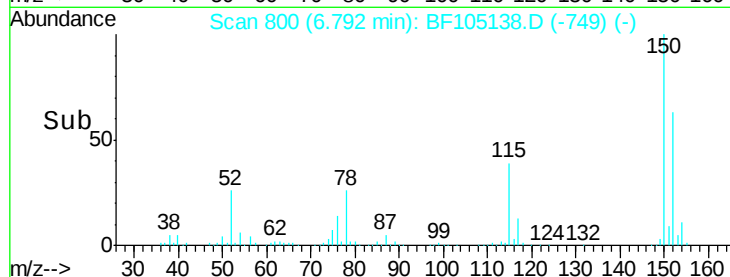
115 61.9 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.044 ng

RT: 2.51 min Scan# 72

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

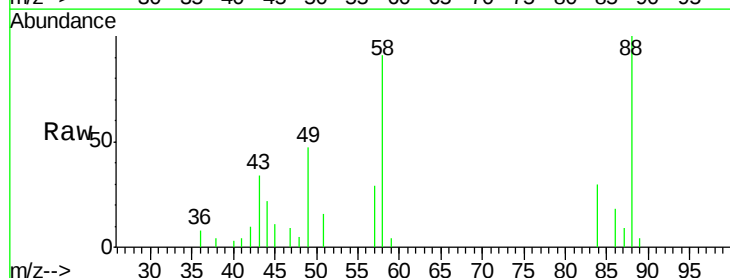
Tgt Ion: 88 Resp: 16900

Ion Ratio Lower Upper

88 100

58 80.8 62.6 93.8

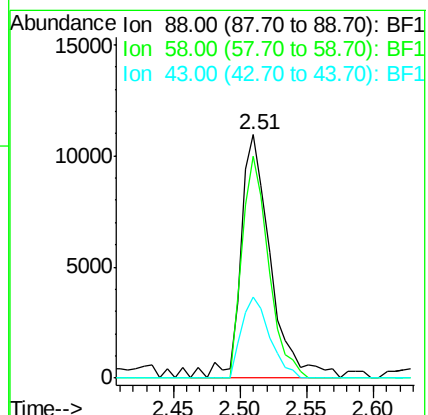
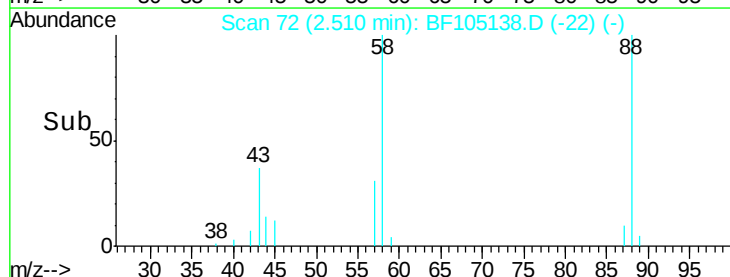
43 31.4 24.6 37.0

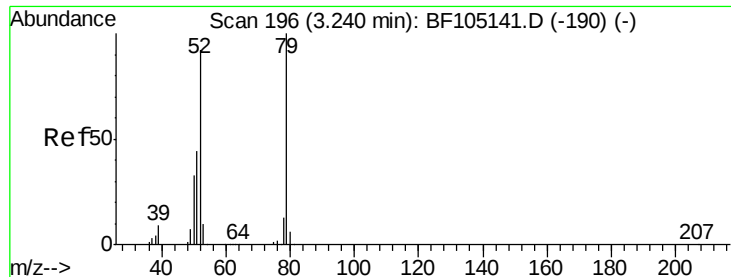


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 2.489 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

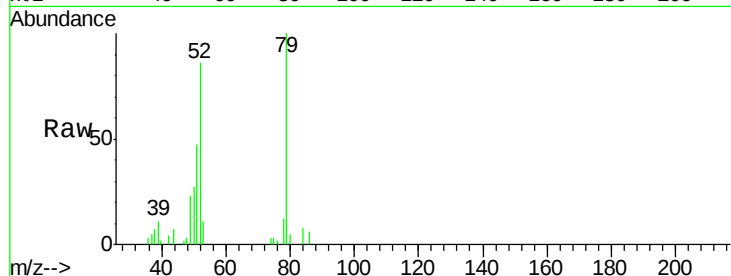
Tot Ion: 79 Resp: 38841

Ion Ratio Lower Upper

79 100

52 86.3 59.8 89.6

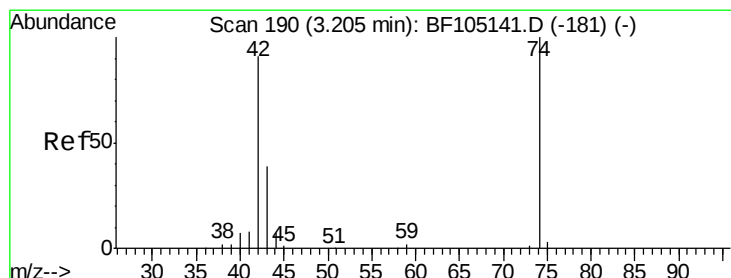
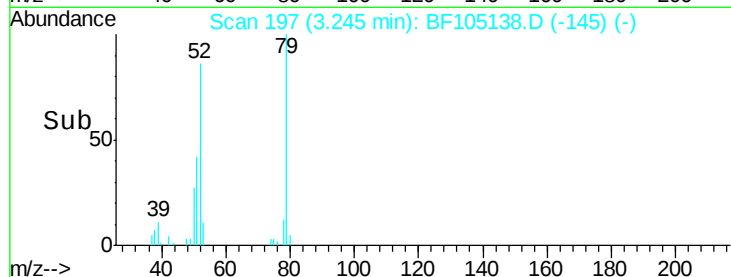
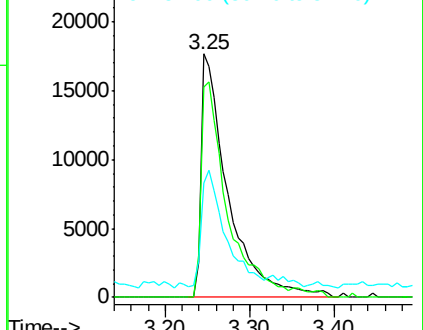
51 47.1 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 3.502 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

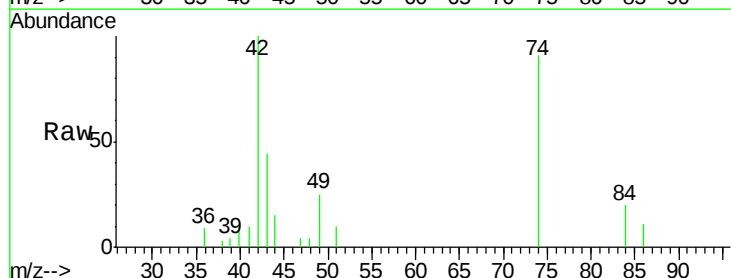
Tgt Ion: 42 Resp: 19105

Ion Ratio Lower Upper

42 100

74 90.5 104.9 157.3#

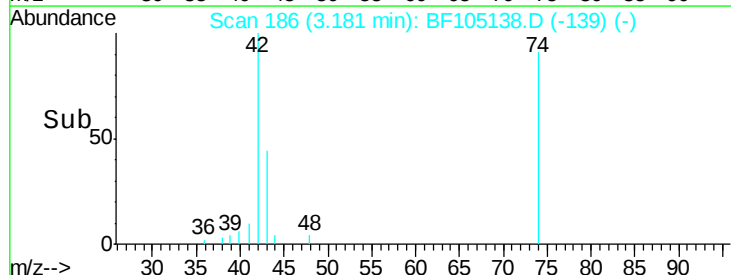
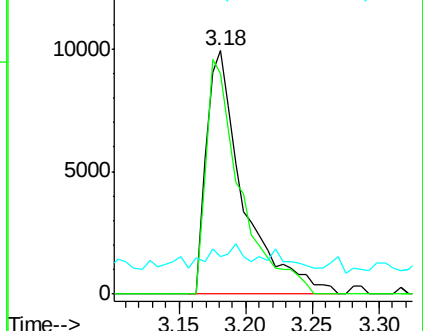
44 15.2 6.9 10.3#

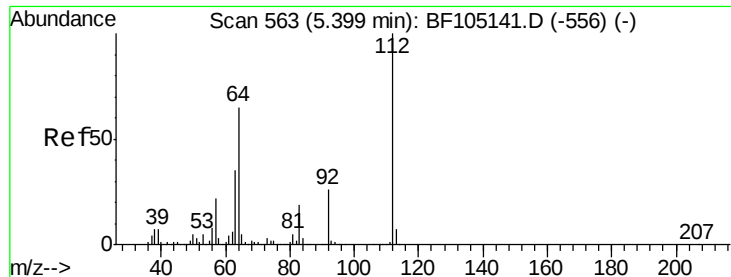


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 4.424 ng

RT: 5.39 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

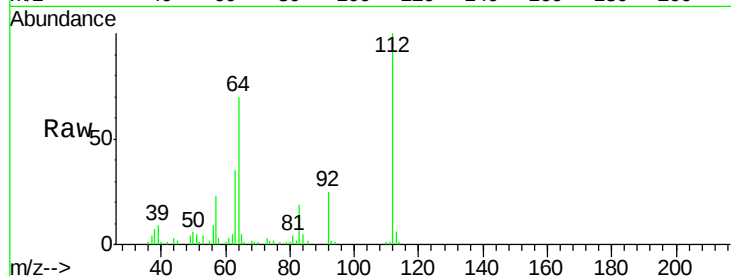
Tot Ion:112 Resp: 52702

Ion Ratio Lower Upper

112 100

64 69.9 47.9 71.9

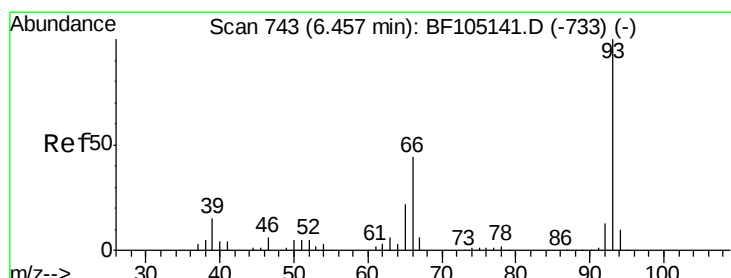
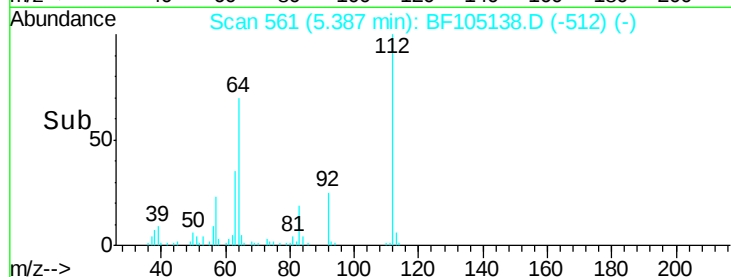
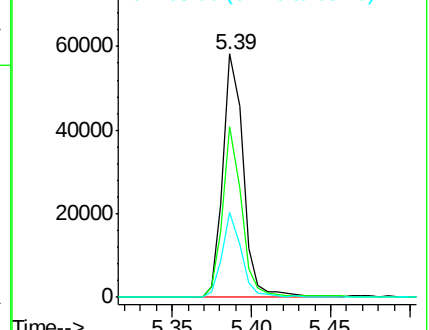
63 34.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 2.428 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

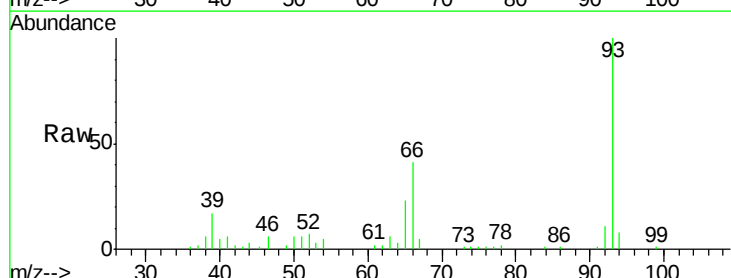
Tgt Ion: 93 Resp: 49372

Ion Ratio Lower Upper

93 100

66 40.8 32.2 48.2

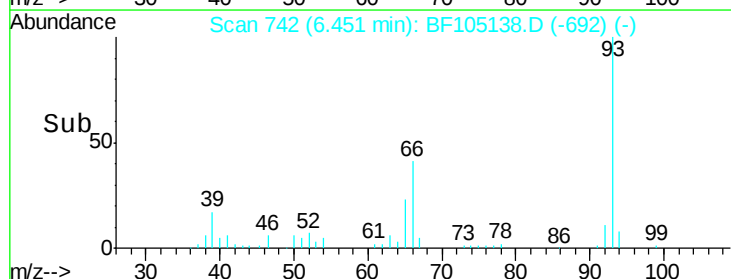
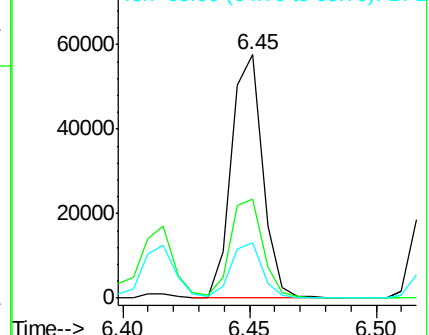
65 23.0 16.4 24.6

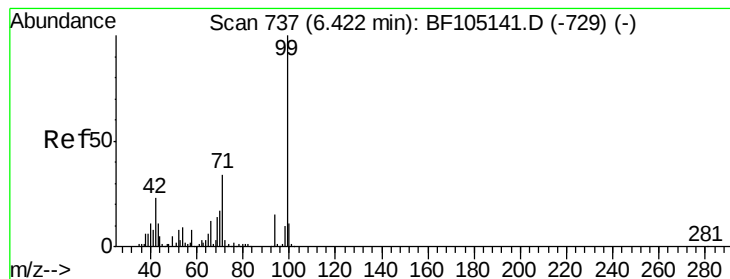


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 4.339 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

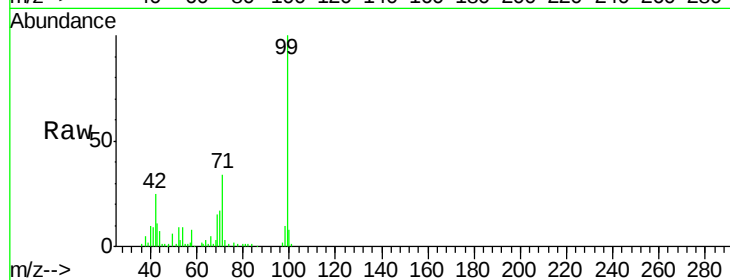
Tot Ion: 99 Resp: 63507

Ion Ratio Lower Upper

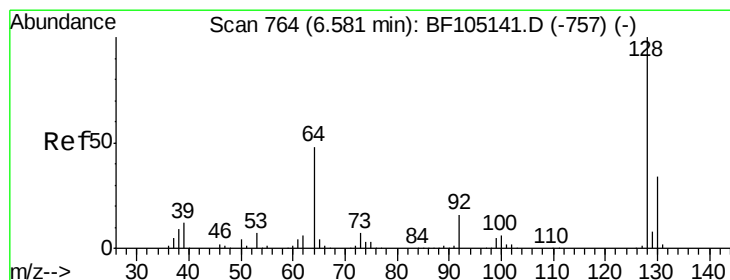
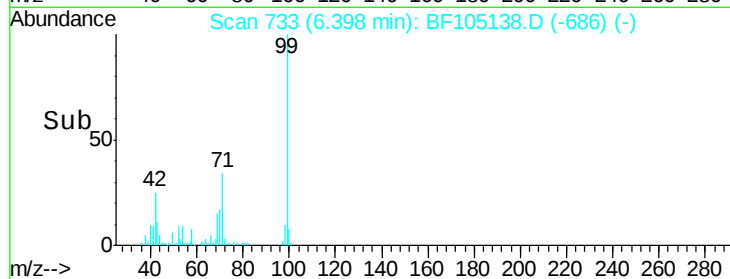
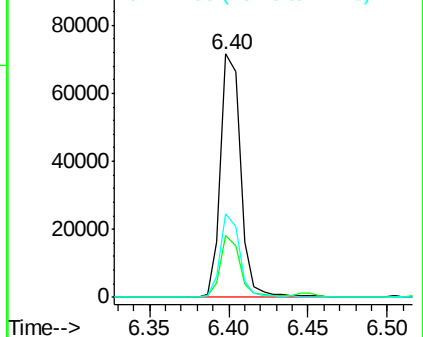
99 100

42 25.4 14.5 21.7#

71 34.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 2.229 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

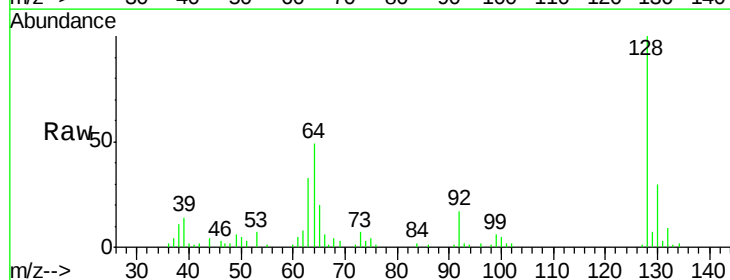
Tgt Ion: 128 Resp: 28029

Ion Ratio Lower Upper

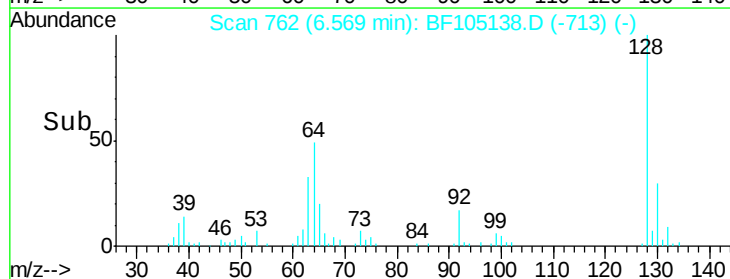
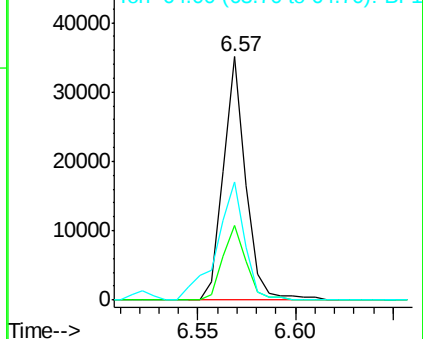
128 100

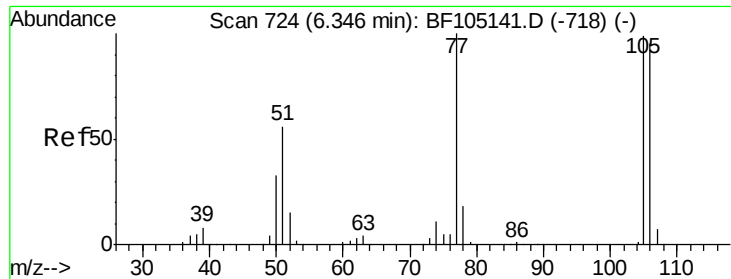
130 30.5 13.0 53.0

64 48.7 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

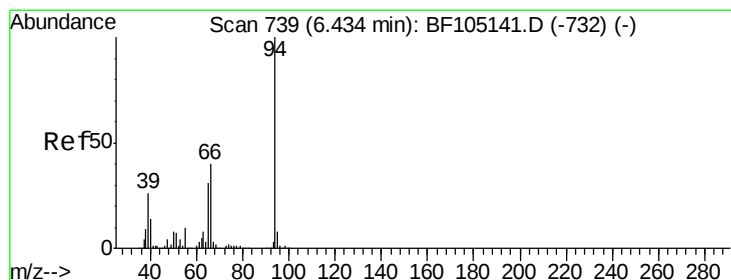
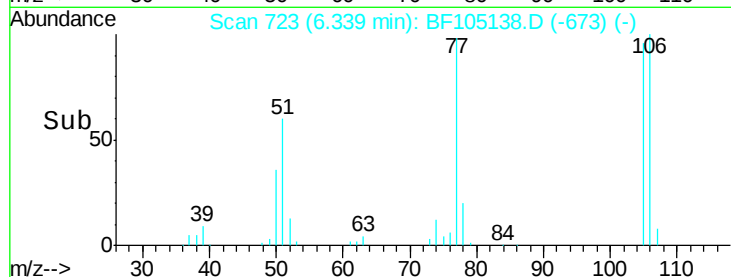
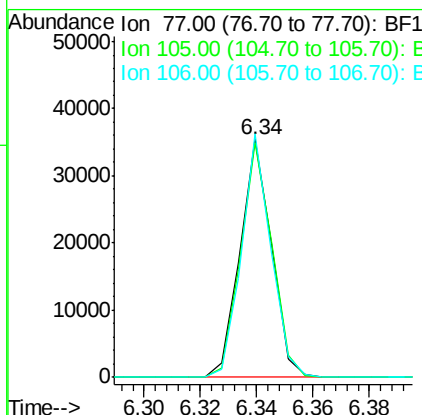
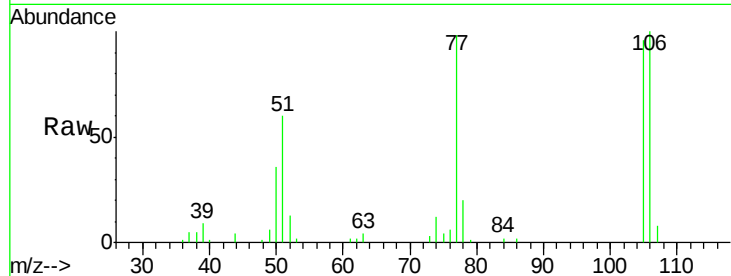




#9
Benzaldehyde
Concen: 3.744 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

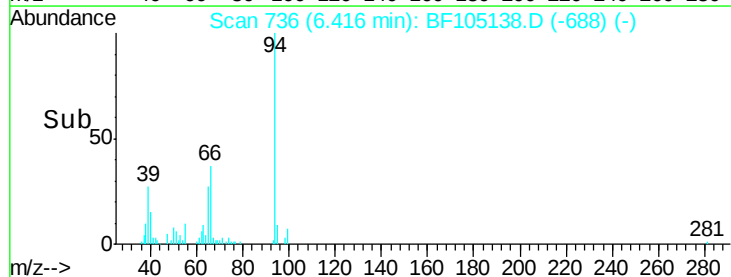
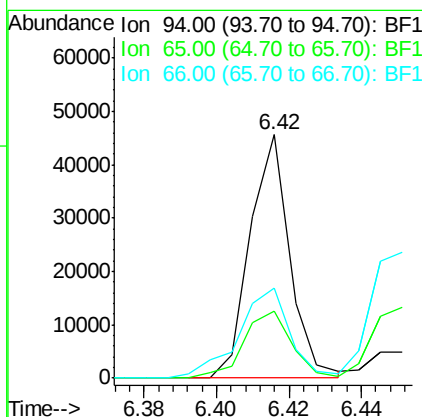
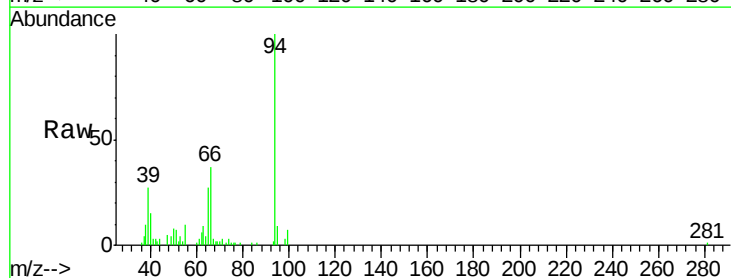
Instrument :
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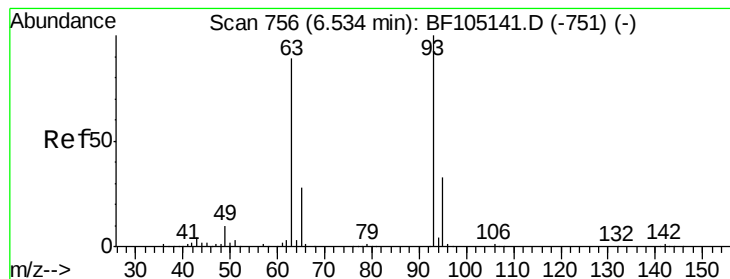
Tot Ion: 77 Resp: 27347
Ion Ratio Lower Upper
77 100
105 98.2 81.1 121.1
106 102.1 74.5 114.5



#10
Phenol
Concen: 2.230 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion: 94 Resp: 34627
Ion Ratio Lower Upper
94 100
65 27.4 7.9 47.9
66 37.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 2.682 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

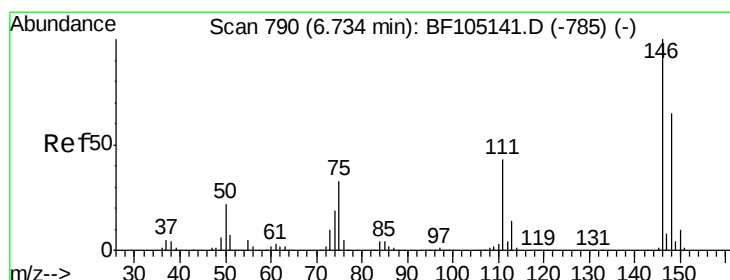
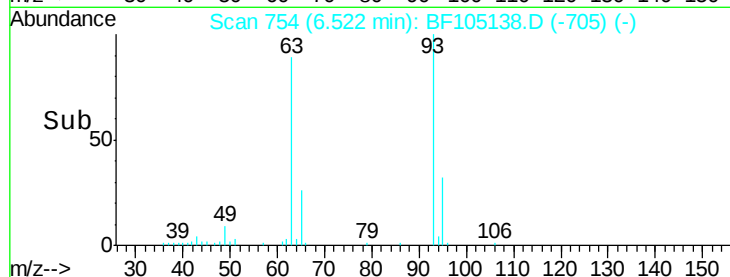
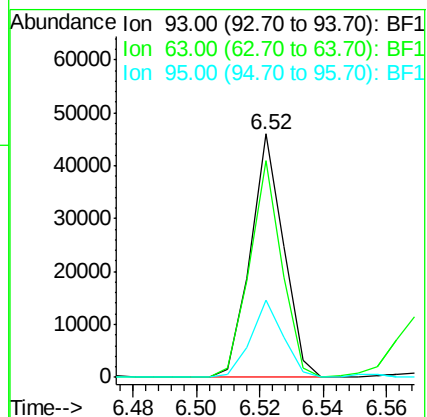
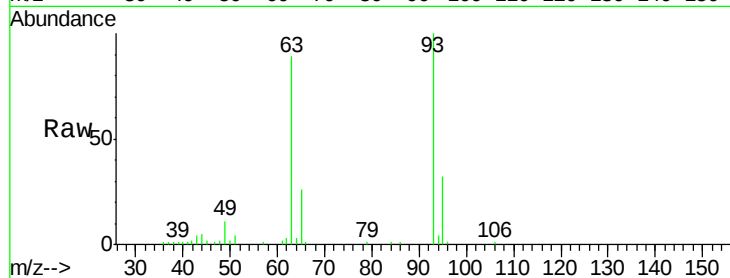
Tot Ion: 93 Resp: 33245

Ion Ratio Lower Upper

93 100

63 88.8 58.6 98.6

95 32.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 2.823 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

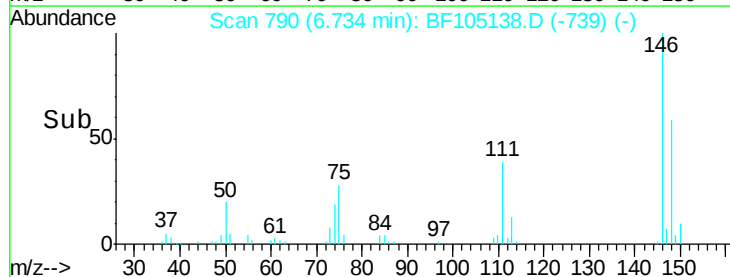
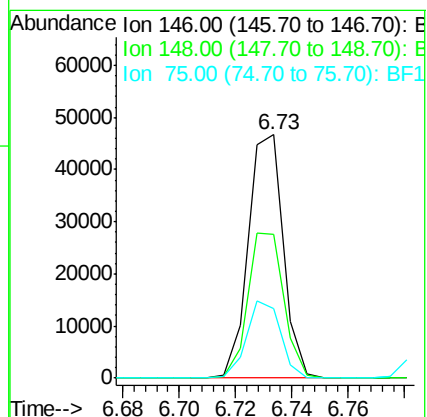
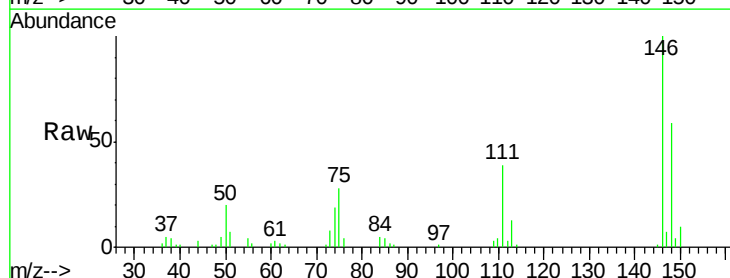
Tgt Ion: 146 Resp: 40210

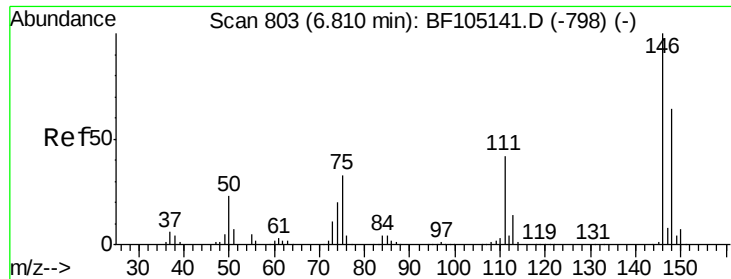
Ion Ratio Lower Upper

146 100

148 58.9 51.8 77.8

75 28.4 24.2 36.4

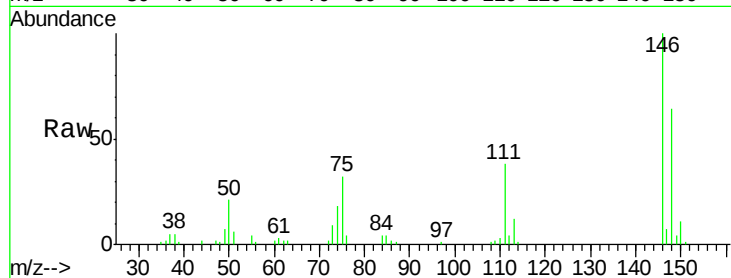




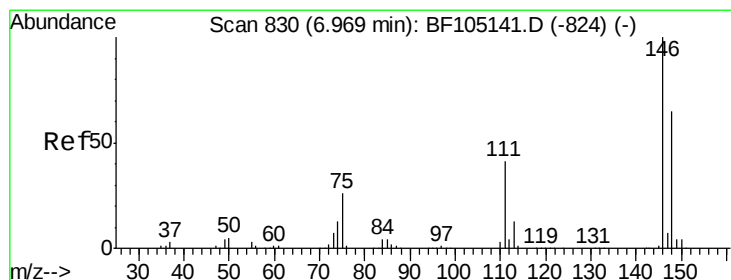
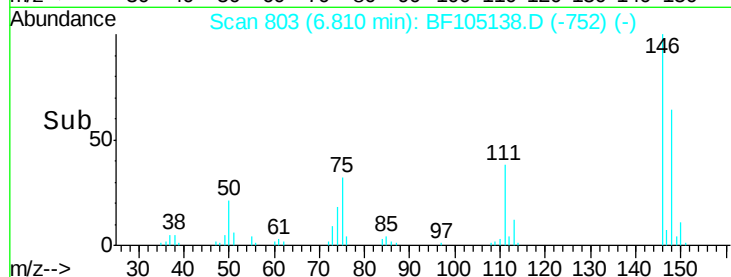
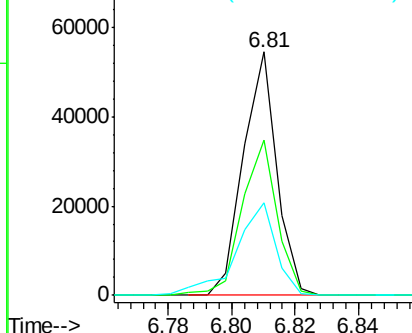
#13
 1,4-Dichlorobenzene
 Concen: 2.806 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:146 Resp: 39851
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 38.2 34.2 51.2

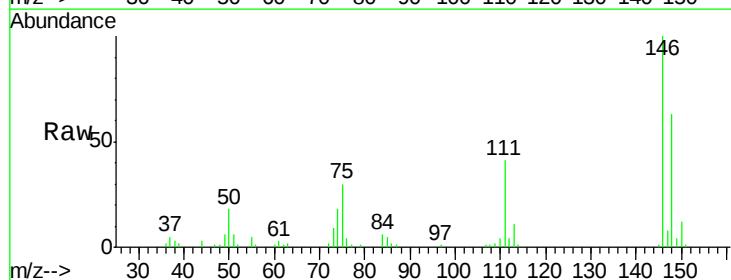


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

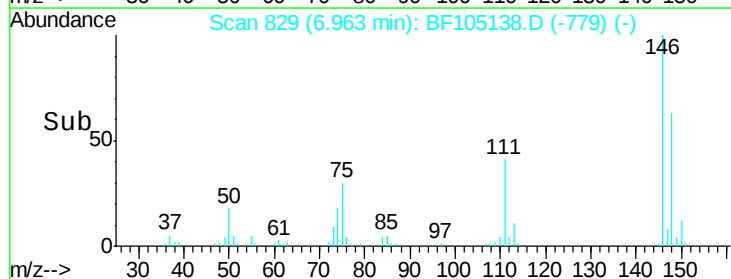
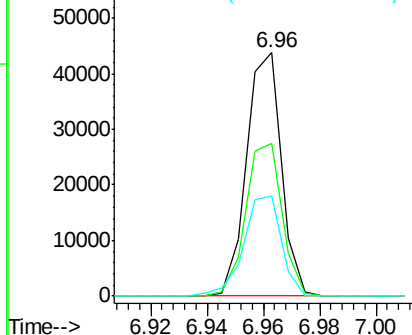


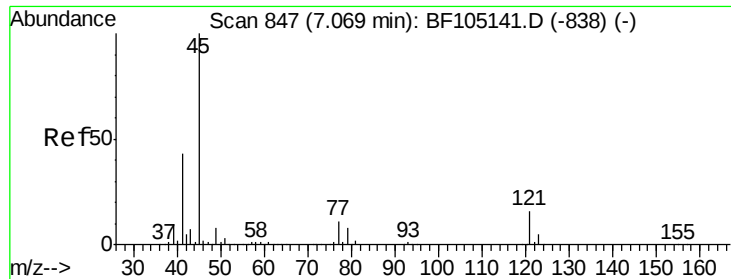
#14
 1,2-Dichlorobenzene
 Concen: 2.848 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion:146 Resp: 37472
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 75.8
 111 41.2 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

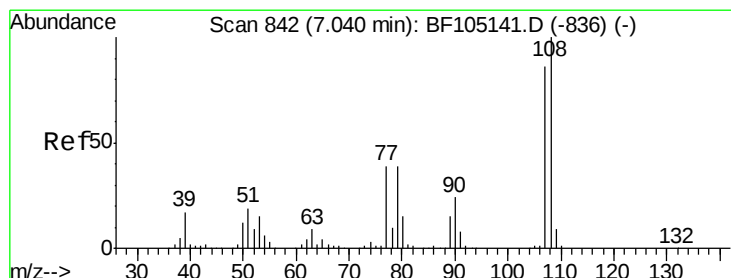
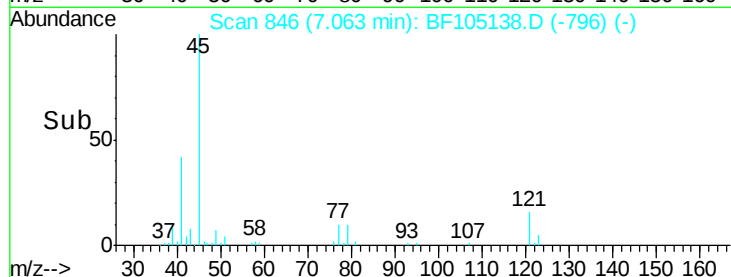
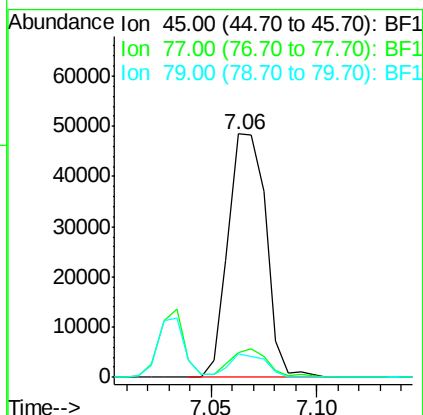
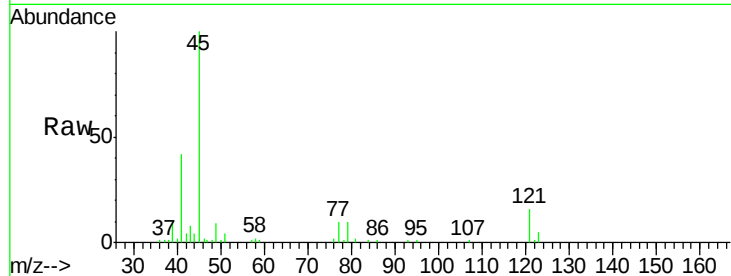




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 3.616 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

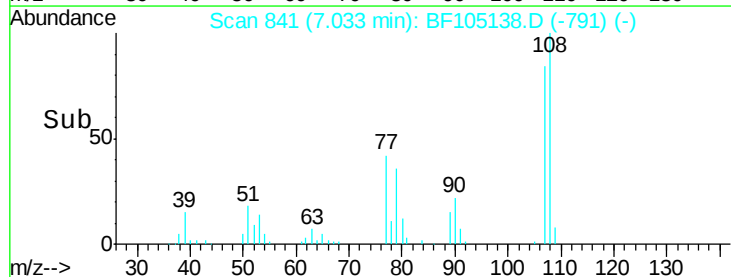
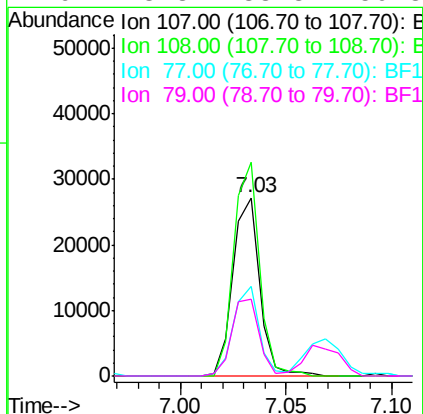
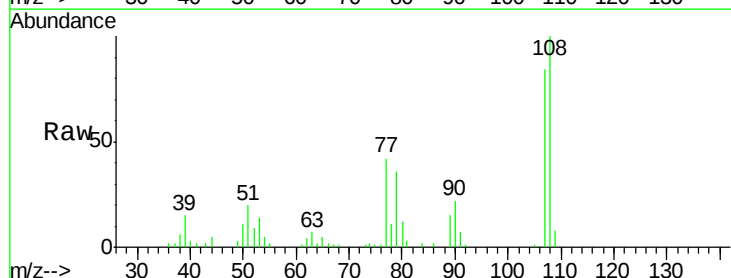
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

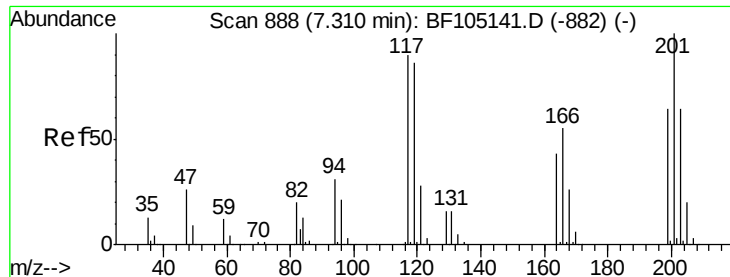
Tot Ion: 45 Resp: 60190
Ion Ratio Lower Upper
45 100
77 10.1 0.0 32.9
79 9.7 0.0 29.6



#17
2-Methylphenol
Concen: 2.174 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion: 107 Resp: 23766
Ion Ratio Lower Upper
107 100
108 119.7 91.7 137.5
77 50.0 33.8 50.8
79 43.3 33.8 50.8





#18

Hexachloroethane

Concen: 2.113 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

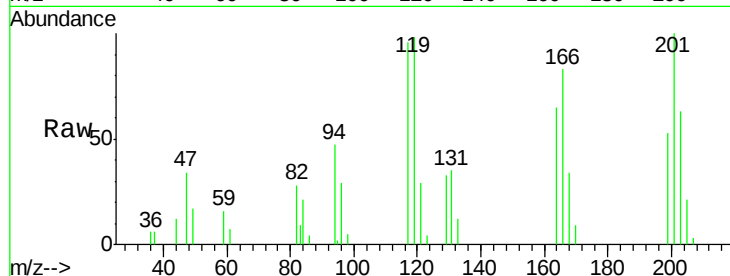
Tot Ion:117 Resp: 10699

Ion Ratio Lower Upper

117 100

119 102.2 75.8 113.8

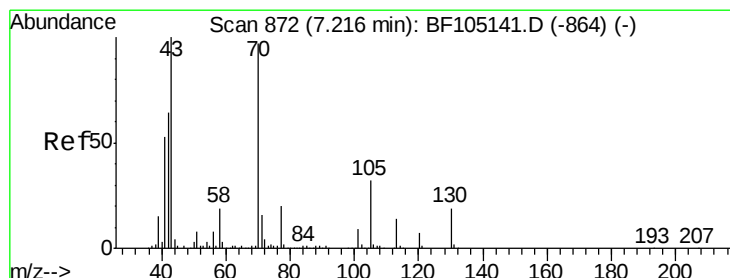
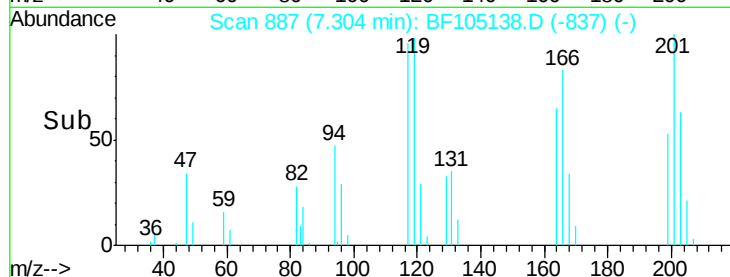
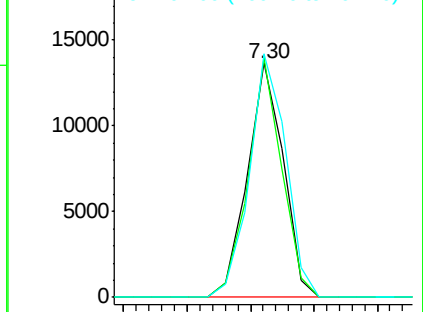
201 103.9 75.7 113.5



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: 2.199 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Tgt Ion: 70 Resp: 21030

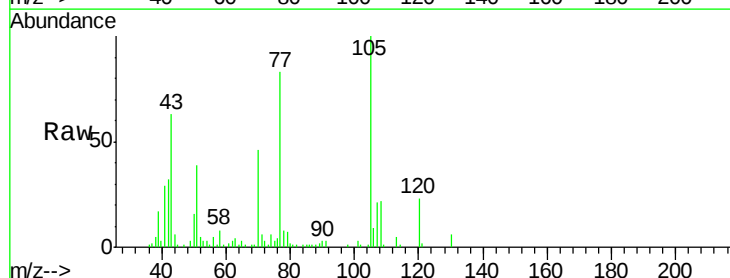
Ion Ratio Lower Upper

70 100

42 69.0 47.5 71.3

101 6.1 7.4 11.2#

130 12.7 16.6 25.0#

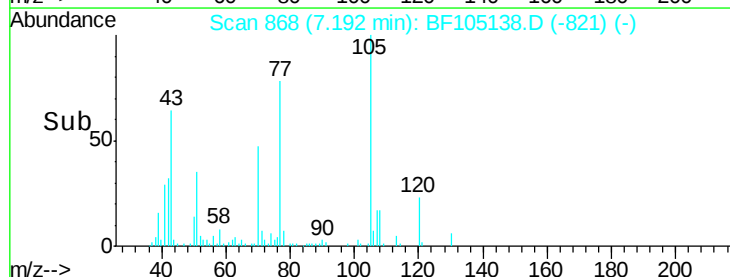
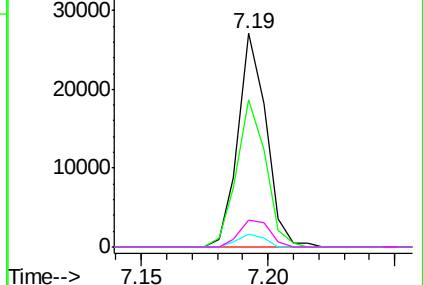


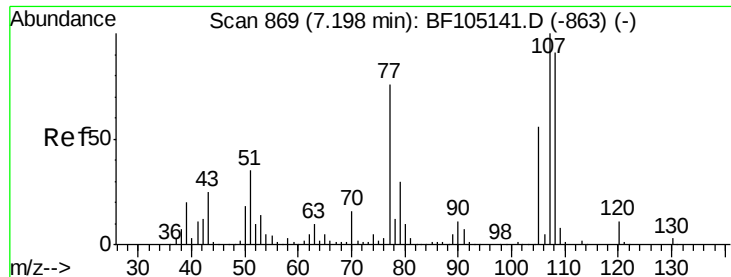
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

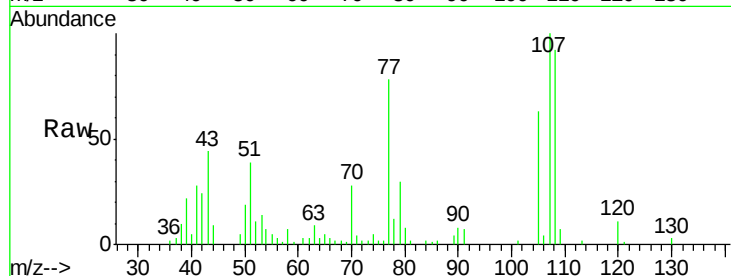




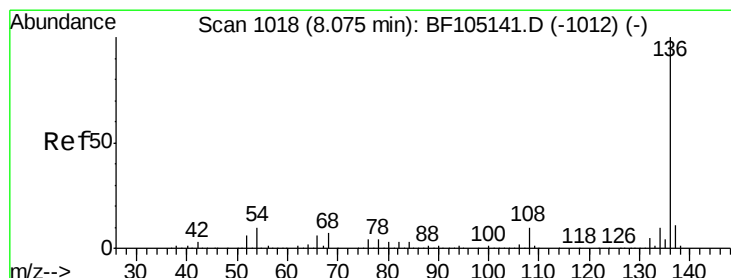
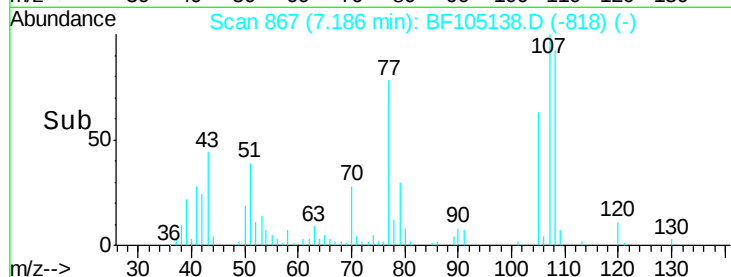
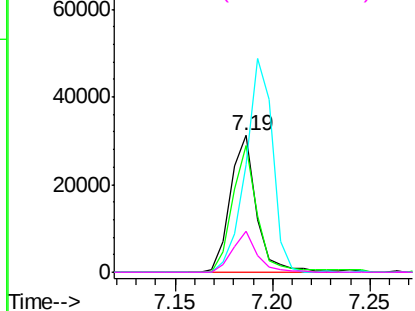
#20
3+4-Methylphenols
Concen: 2.151 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:	107	Resp:	29159
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	78.4	26.7	66.7#
79	30.4	6.3	46.3

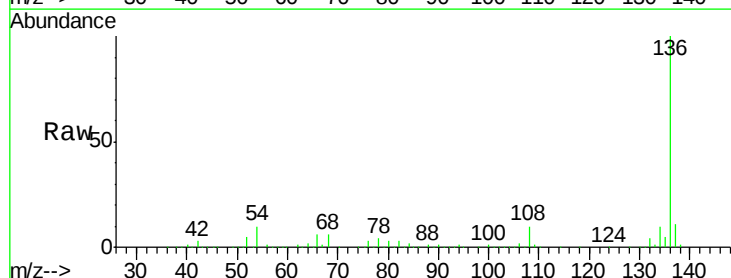


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

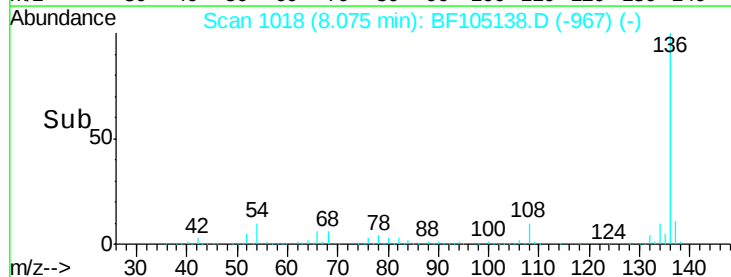
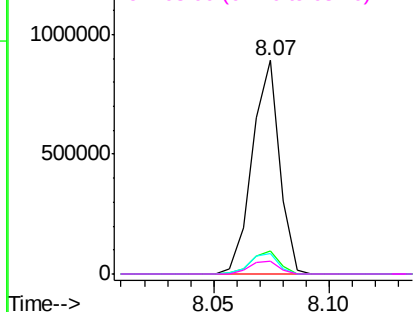


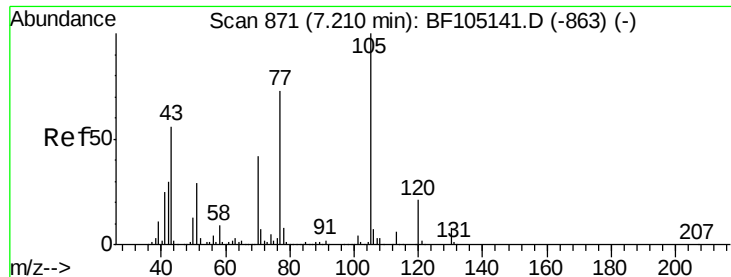
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:	136	Resp:	734722
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.8	6.6	9.8
68	6.0	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: 2.819 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tot Ion:105 Resp: 50986

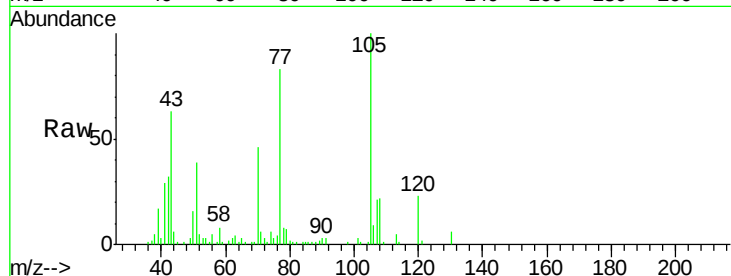
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 38.6 22.3 33.5#

120 22.5 16.9 25.3

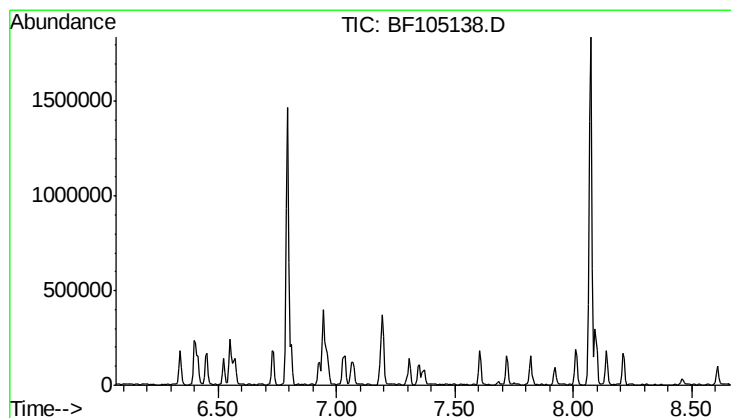
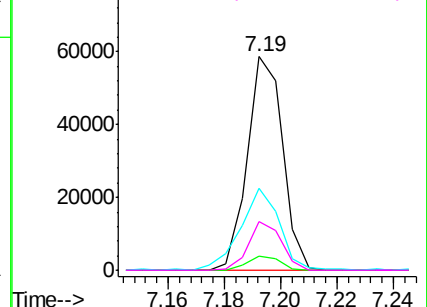
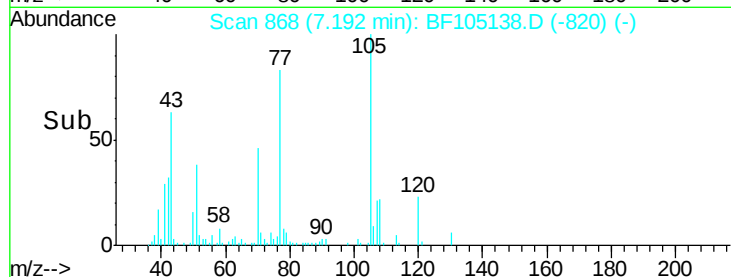


Abundance Ion 105.00 (104.70 to 105.70): E

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: 0.000 ng

Expected RT: 7.36 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

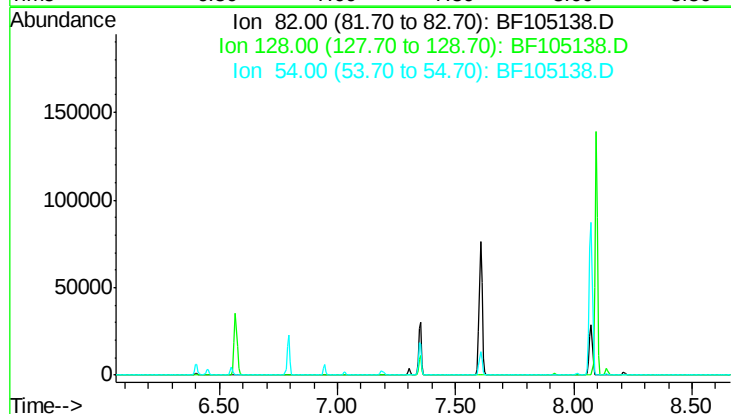
Tgt Ion: 82

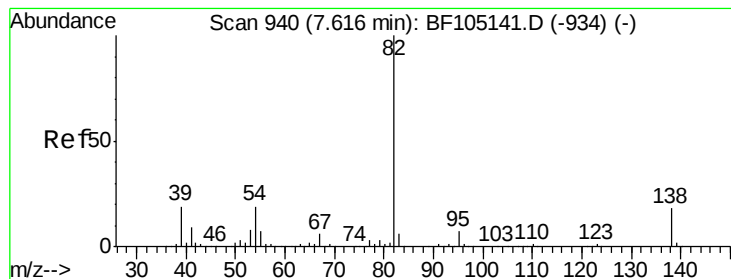
Sig Exp Ratio

82 100

128 45.1

54 51.8





#25

Isophorone

Concen: 2.517 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

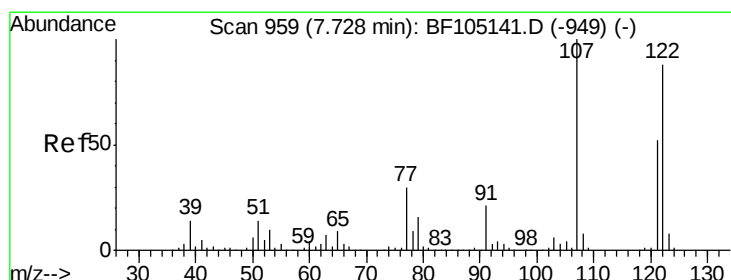
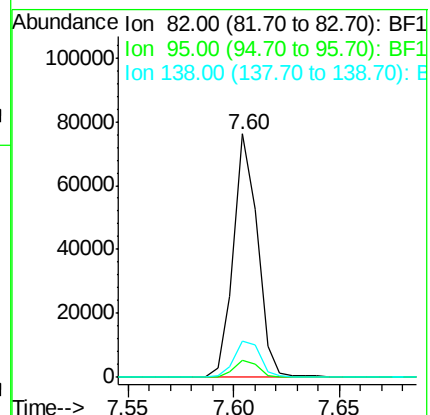
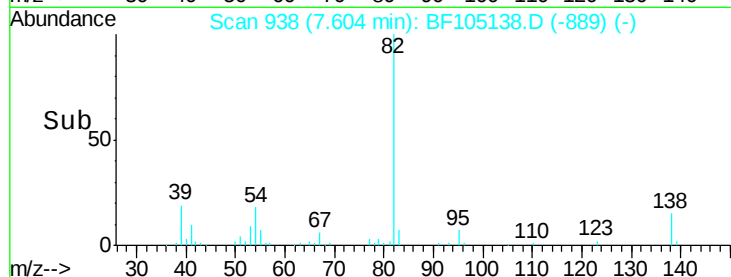
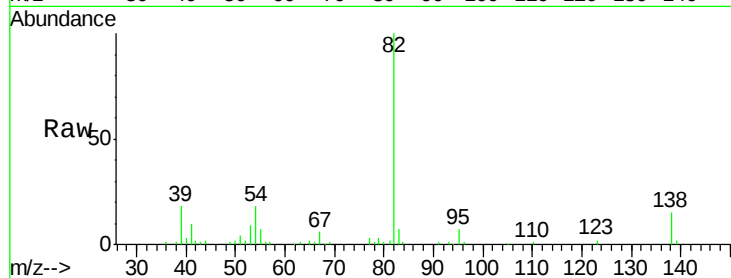
Tot Ion: 82 Resp: 59894

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 15.1 14.9 22.3



#27

2,4-Dimethylphenol

Concen: 2.106 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

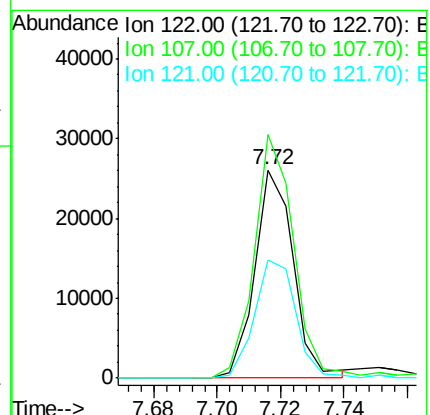
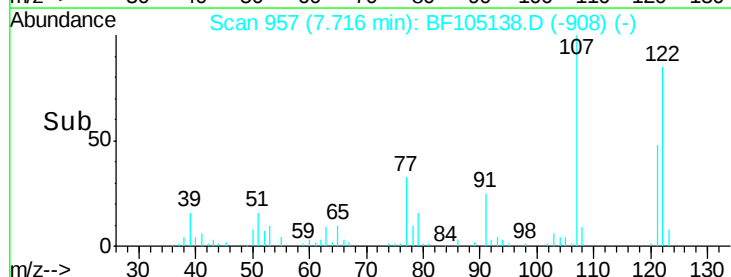
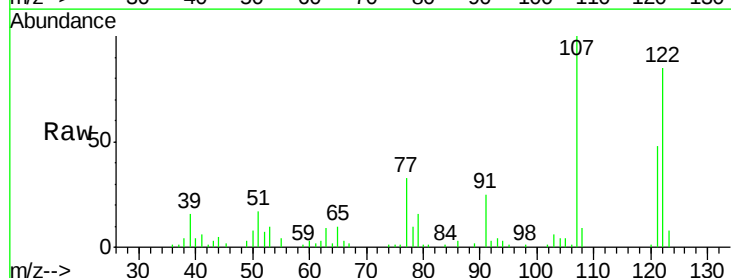
Tgt Ion: 122 Resp: 22113

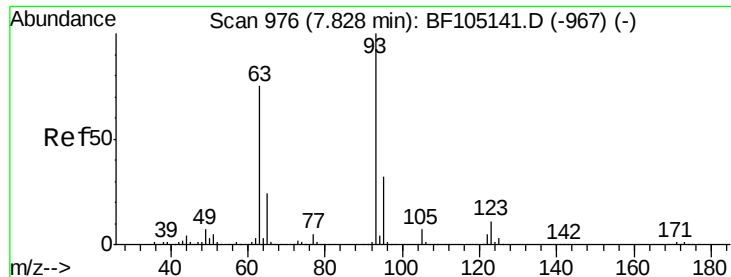
Ion Ratio Lower Upper

122 100

107 117.2 91.2 136.8

121 56.8 47.2 70.8

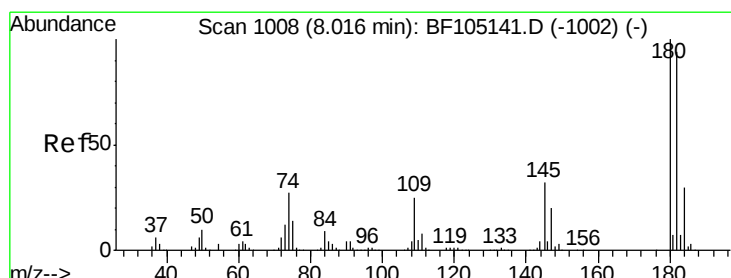
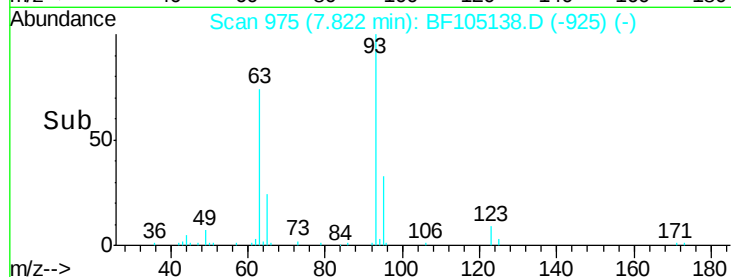
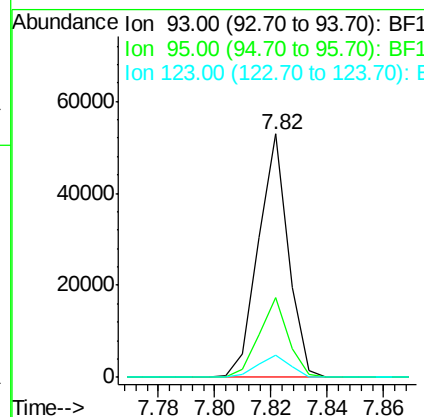
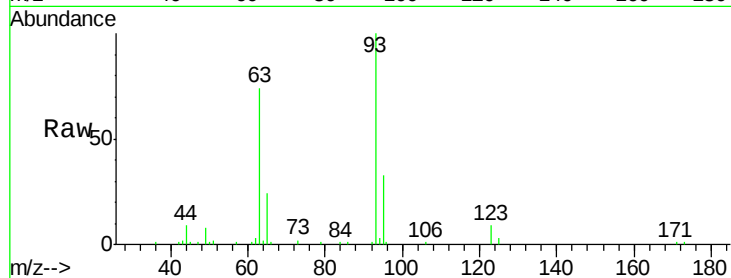




#28
bis(2-Chloroethoxy)methane
Concen: 2.666 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

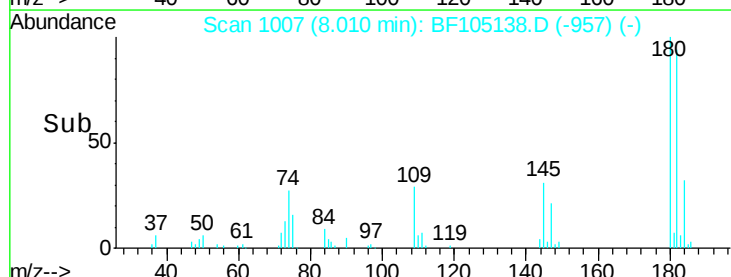
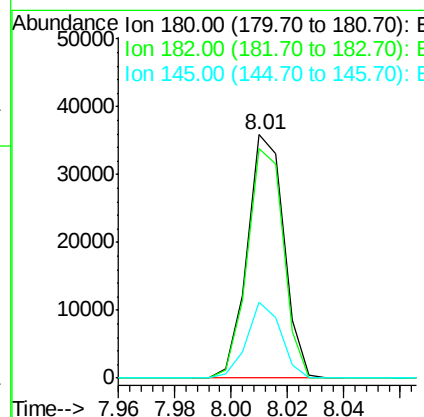
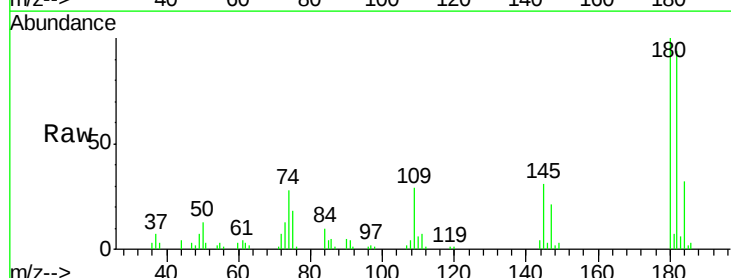
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

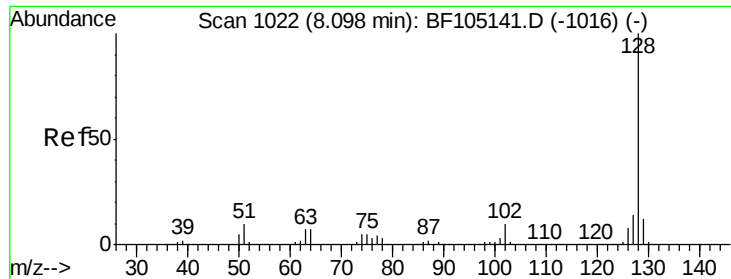
Tot Ion: 93 Resp: 38778
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 9.0 9.8 14.6#



#30
1,2,4-Trichlorobenzene
Concen: 2.939 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion: 180 Resp: 32322
Ion Ratio Lower Upper
180 100
182 94.5 76.8 115.2
145 31.3 26.5 39.7

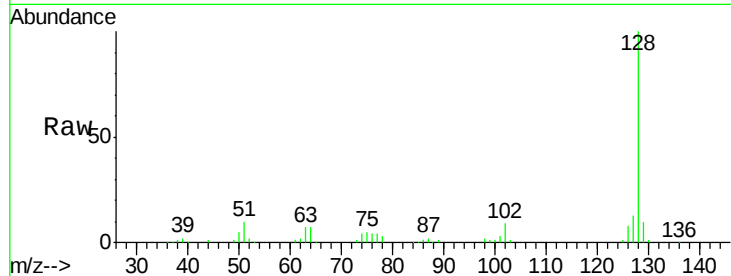




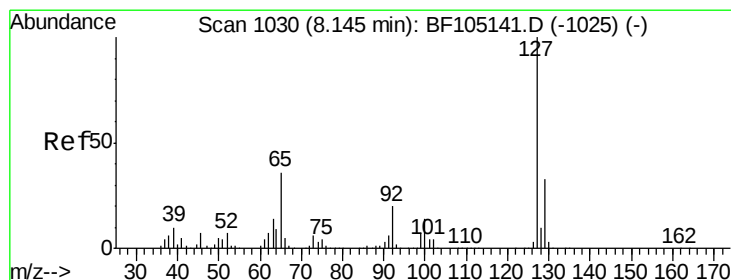
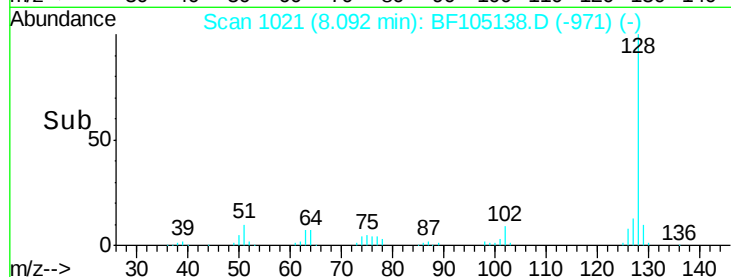
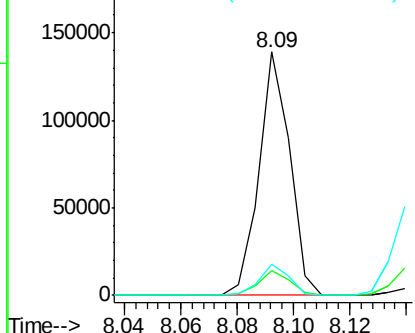
#31
Naphthalene
Concen: 2.864 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:128 Resp: 104766
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.0 10.9 16.3

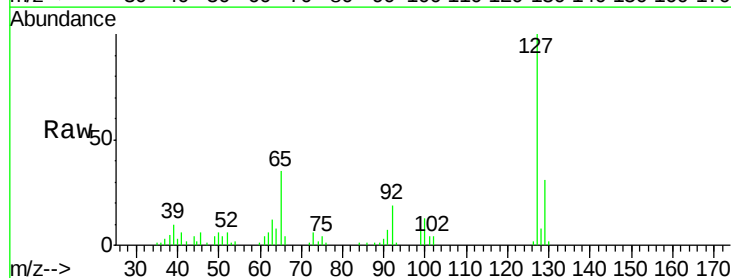


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

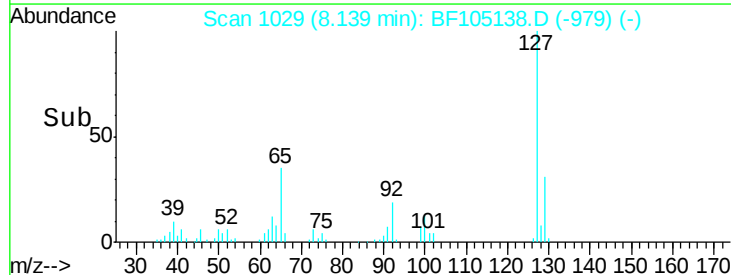
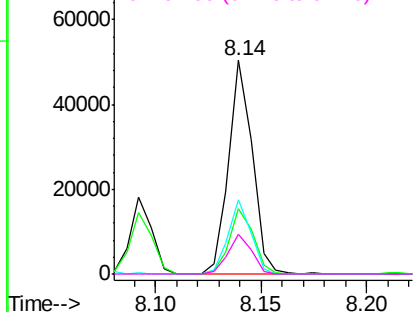


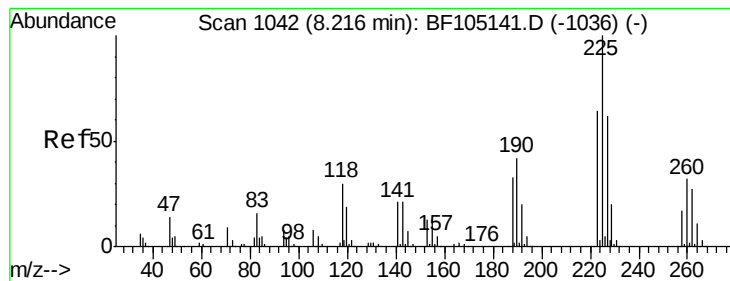
#33
4-Chloroaniline
Concen: 2.497 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:127 Resp: 39144
Ion Ratio Lower Upper
127 100
129 30.9 25.9 38.9
65 34.7 25.0 37.4
92 18.5 15.2 22.8



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 3.089 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

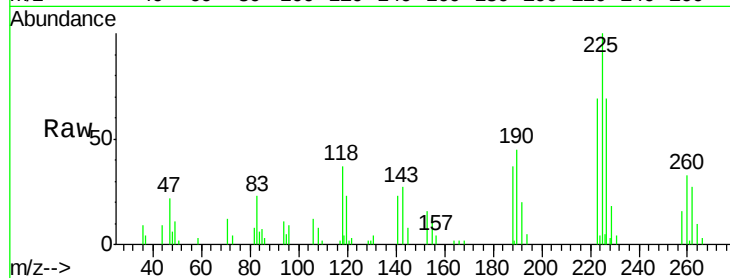
Tot Ion:225 Resp: 18603

Ion Ratio Lower Upper

225 100

223 72.7 50.6 76.0

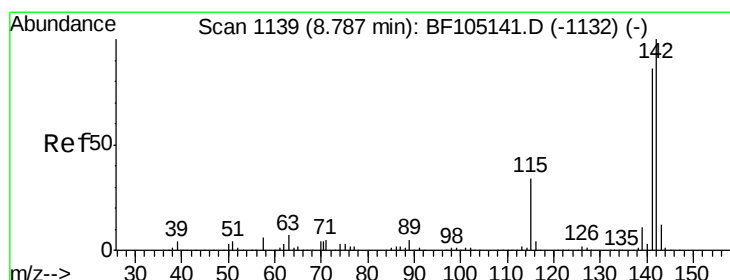
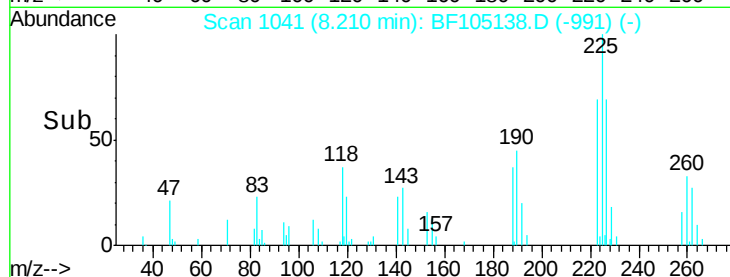
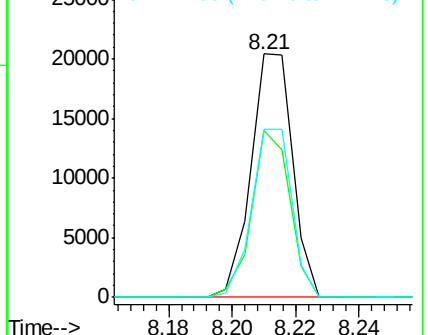
227 68.8 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#37

2-Methylnaphthalene

Concen: 3.000 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

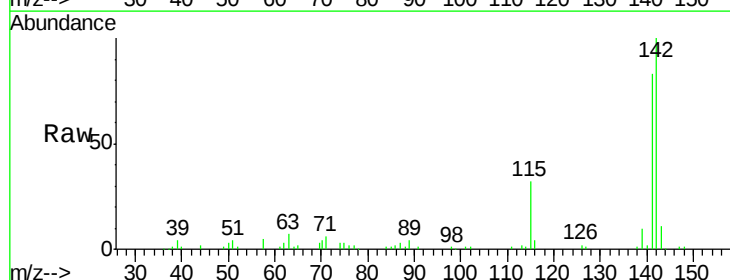
Tgt Ion:142 Resp: 71005

Ion Ratio Lower Upper

142 100

141 82.6 70.8 106.2

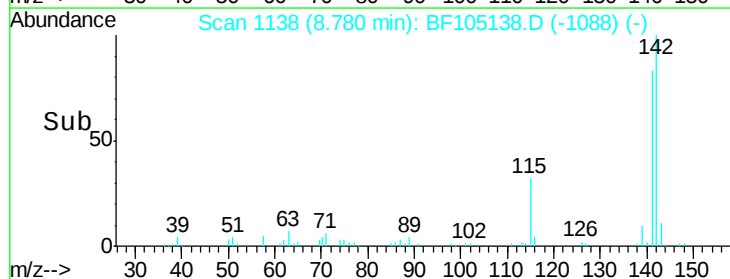
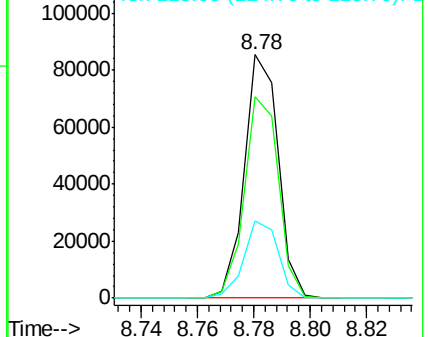
115 31.7 26.1 39.1

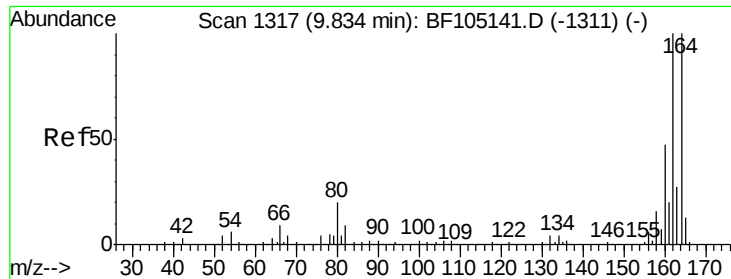


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

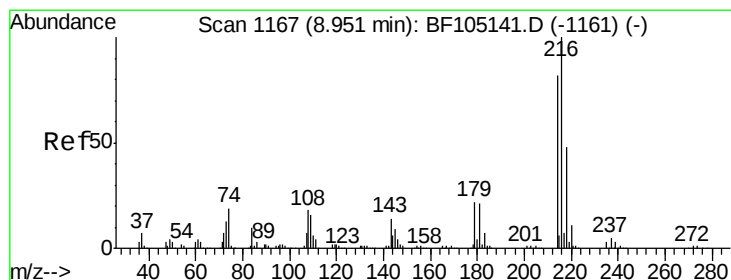
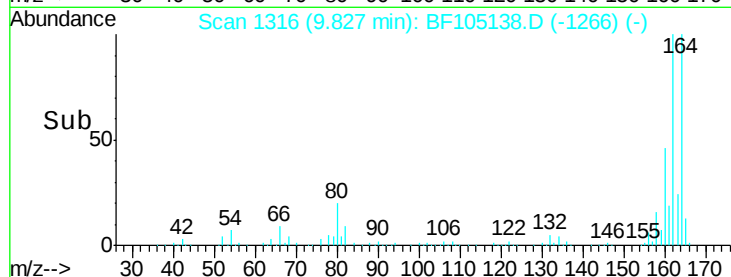
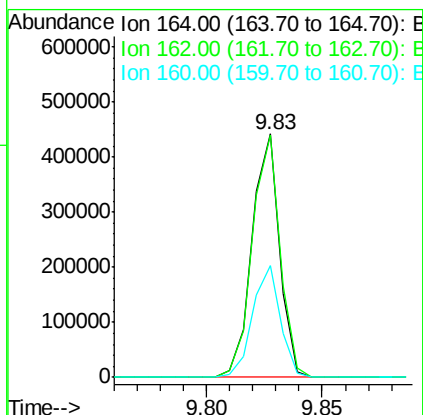
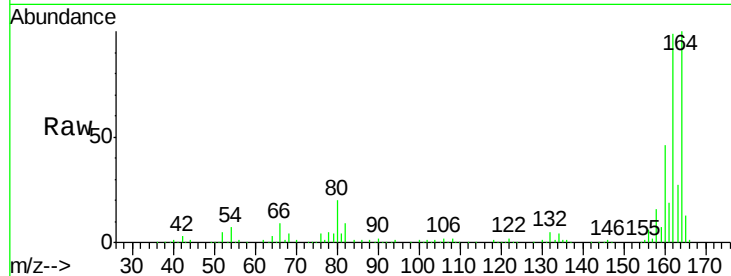




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

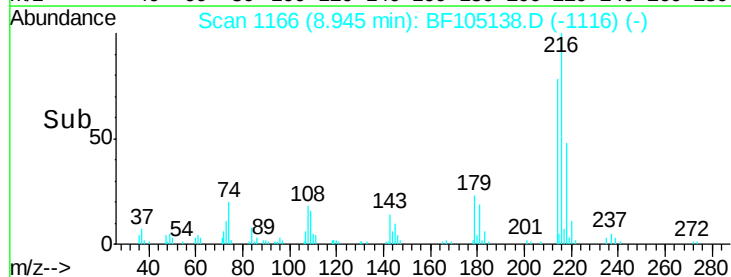
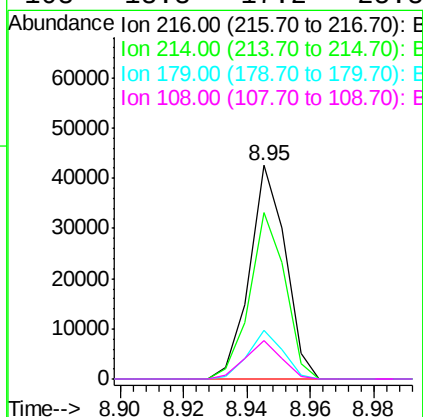
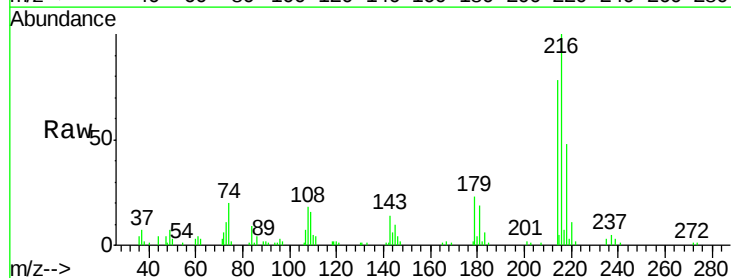
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

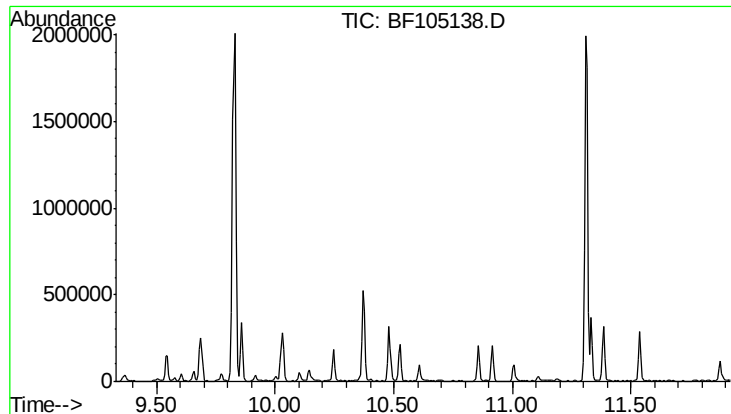
Tot Ion:164 Resp: 368474
Ion Ratio Lower Upper
164 100
162 99.4 86.1 129.1
160 46.2 38.3 57.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.172 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:216 Resp: 33455
Ion Ratio Lower Upper
216 100
214 76.8 63.0 94.4
179 22.2 18.1 27.1
108 18.3 17.2 25.8

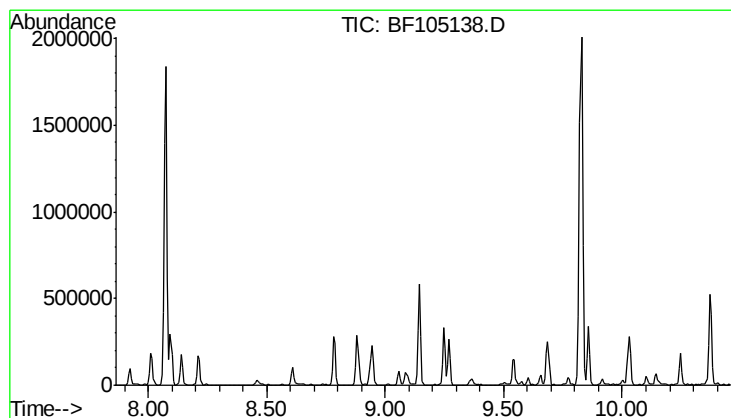
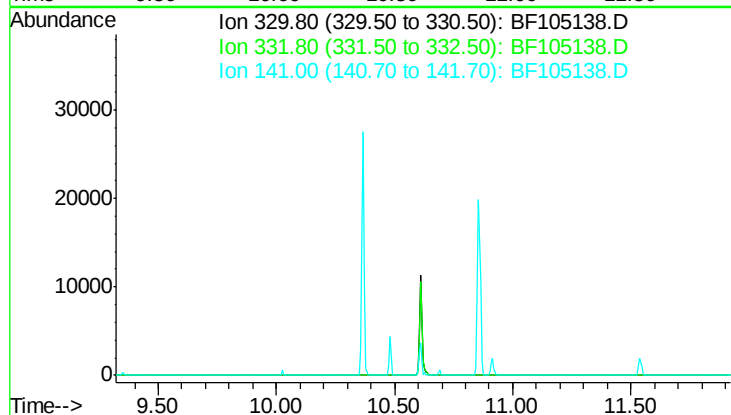




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.62 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

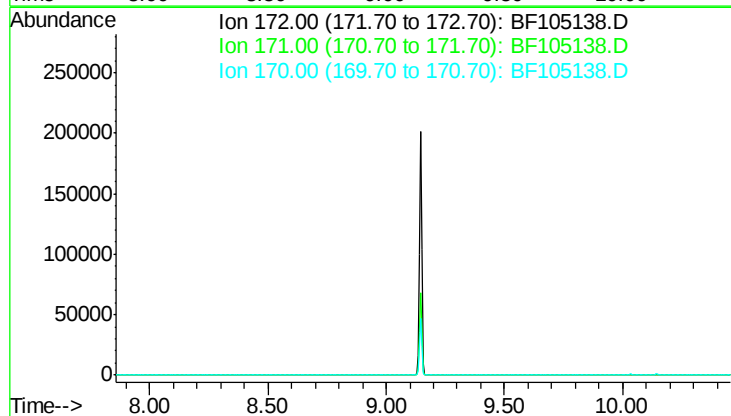
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

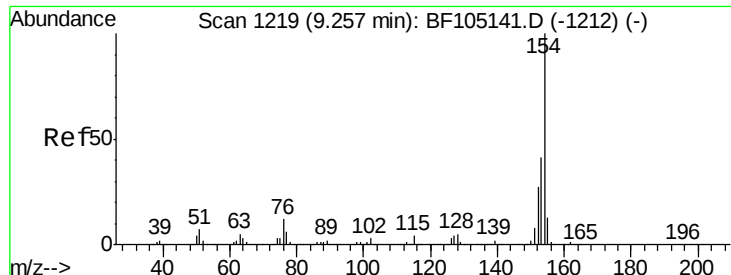
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.16 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5

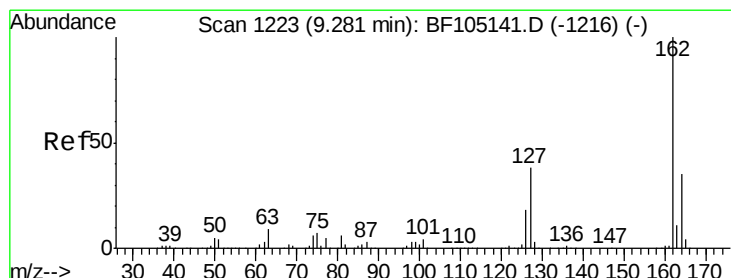
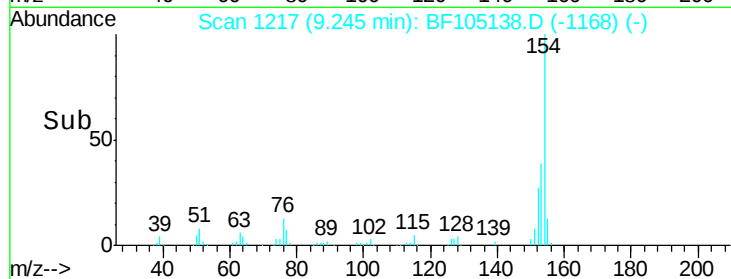
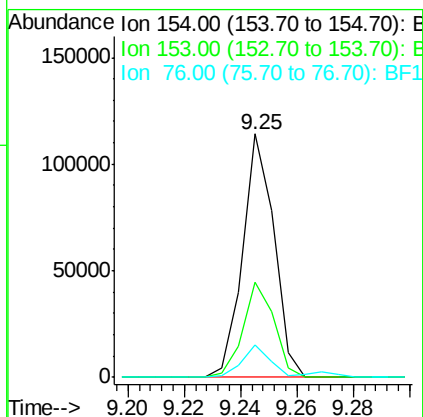
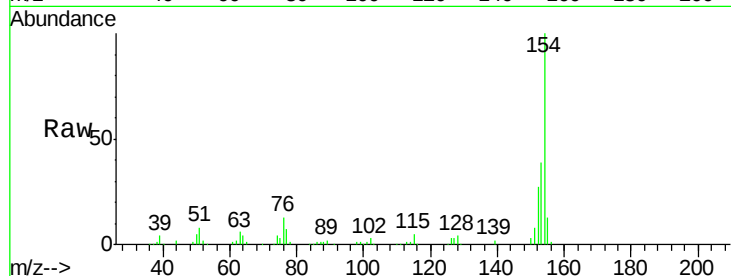




#45
 1,1'-Biphenyl
 Concen: 2.831 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

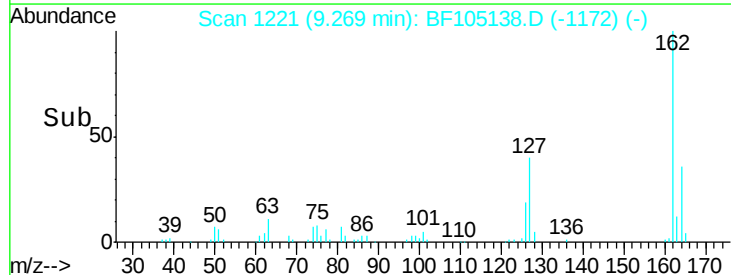
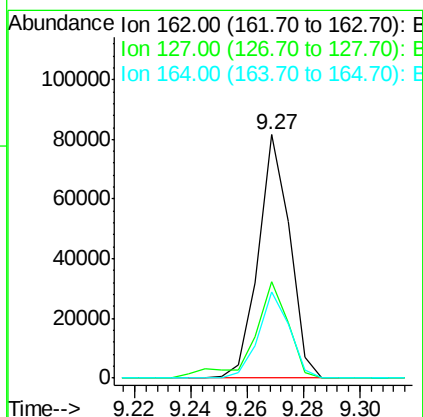
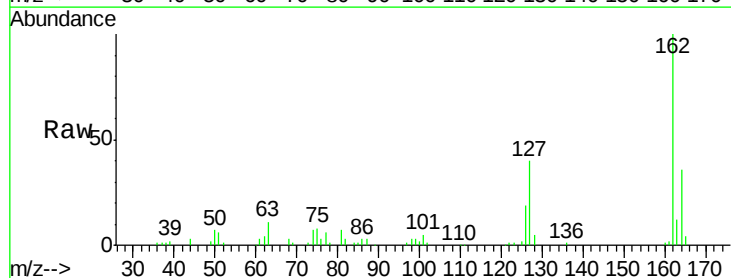
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

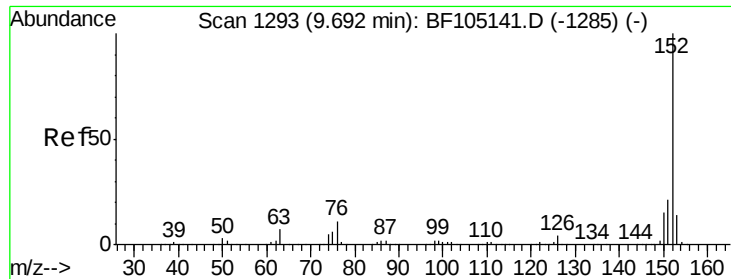
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.1	21.3	61.3
76	13.2	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 2.572 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	35.6	26.5	39.7





#48

Acenaphthylene

Concen: 2.414 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

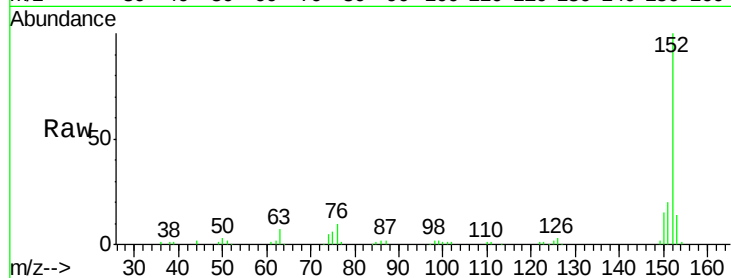
Tot Ion:152 Resp: 92613

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

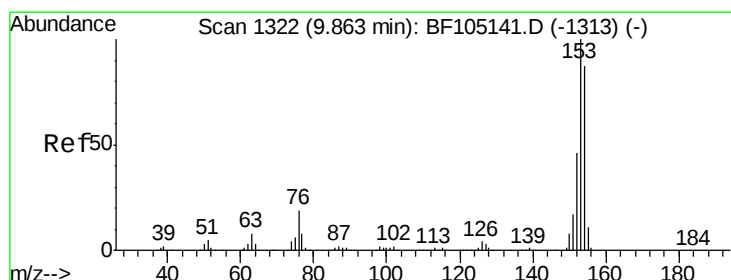
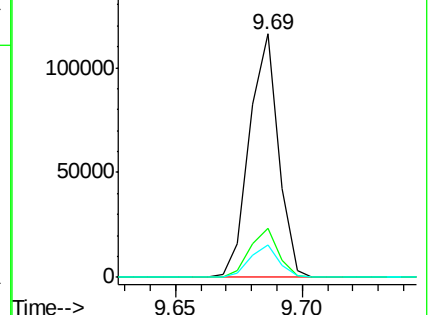
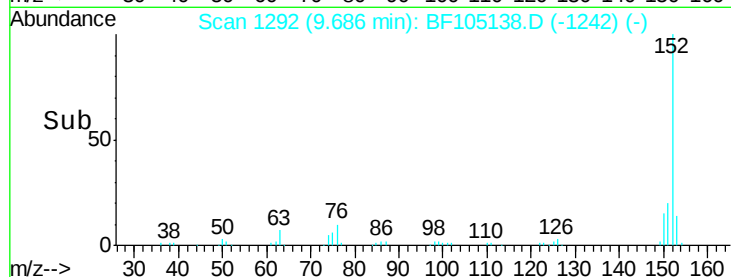
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

Acenaphthene

Concen: 2.683 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

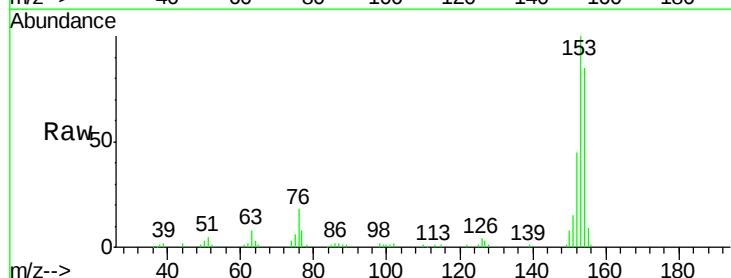
Tgt Ion:154 Resp: 62804

Ion Ratio Lower Upper

154 100

153 117.1 91.2 136.8

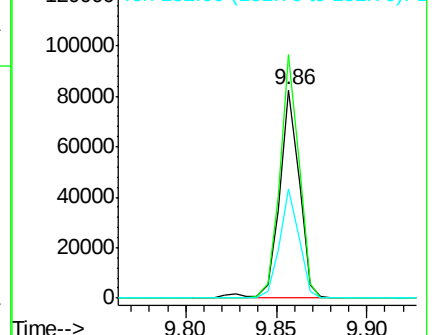
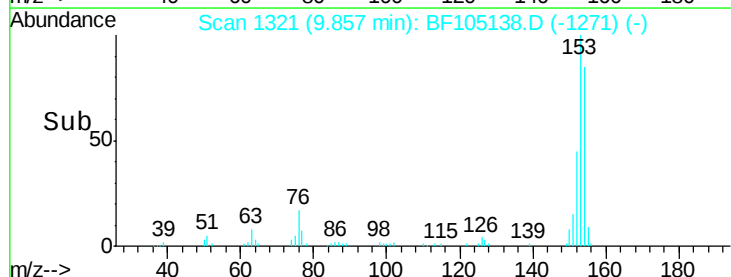
152 52.4 43.8 65.8

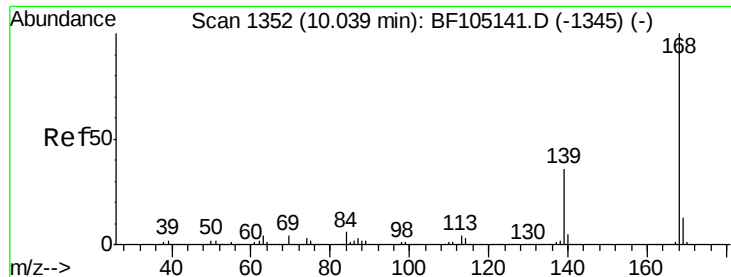


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

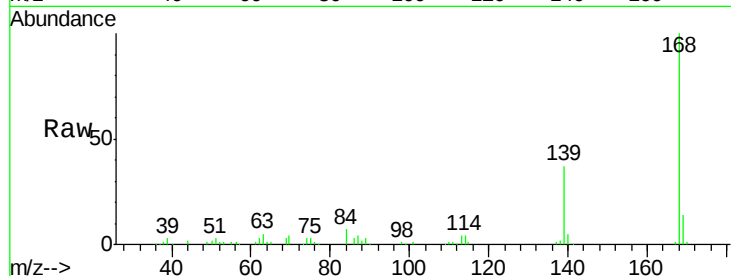




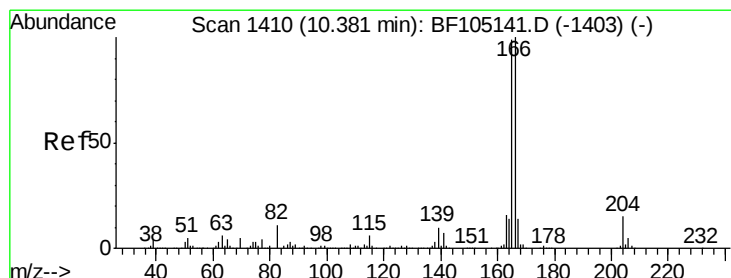
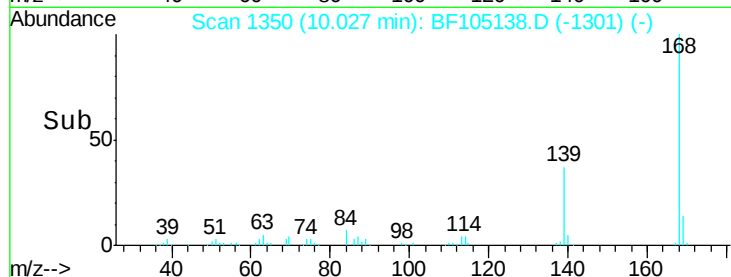
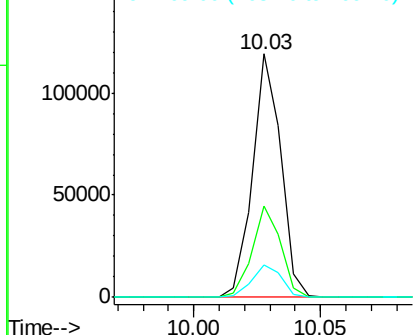
#54
Dibenzenofuran
Concen: 2.836 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:168 Resp: 92513
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.5 10.9 16.3

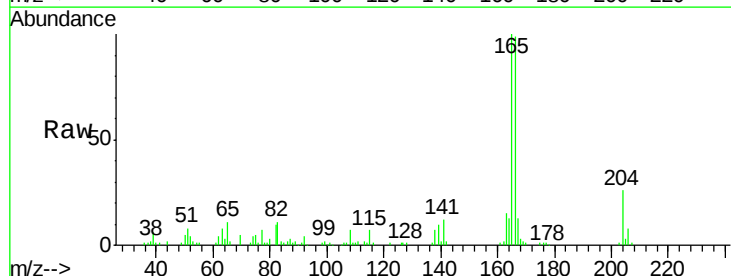


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

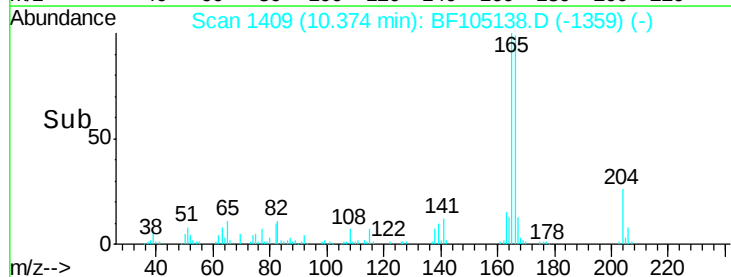
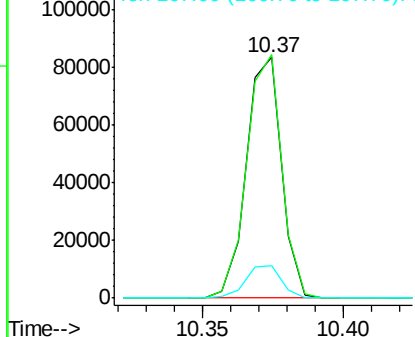


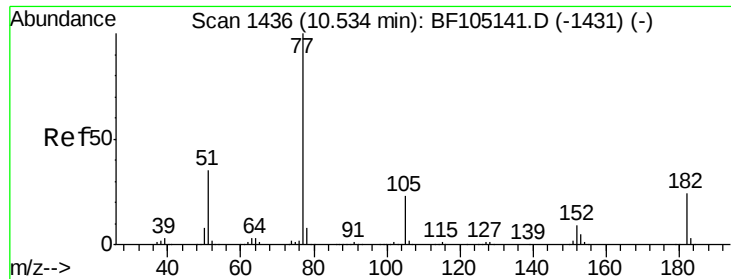
#57
Fluorene
Concen: 3.035 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:166 Resp: 72052
Ion Ratio Lower Upper
166 100
165 101.3 79.8 119.8
167 13.6 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

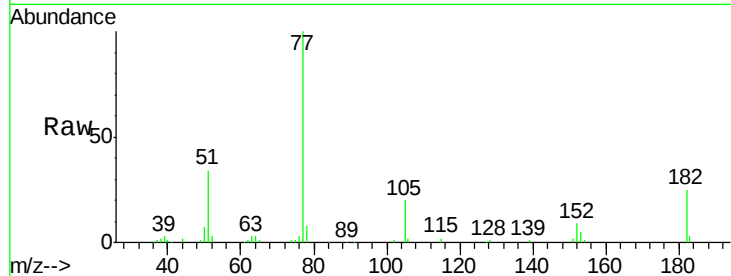




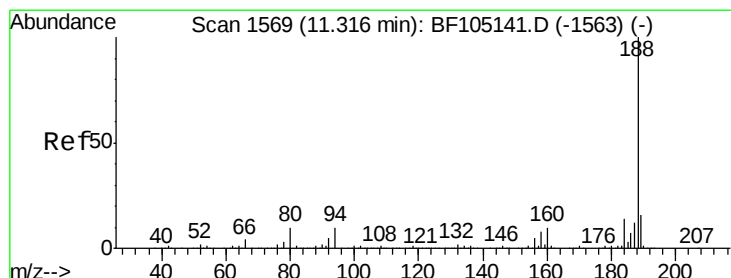
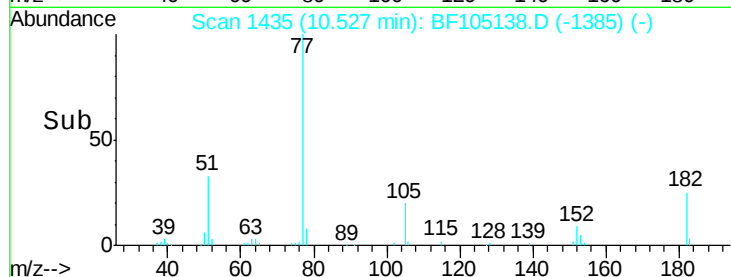
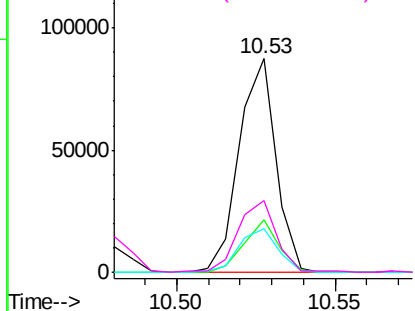
#62
Azobenzene
Concen: 2.531 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.7	1.7	41.7	
105	20.4	3.0	43.0	
51	33.7	9.9	49.9	

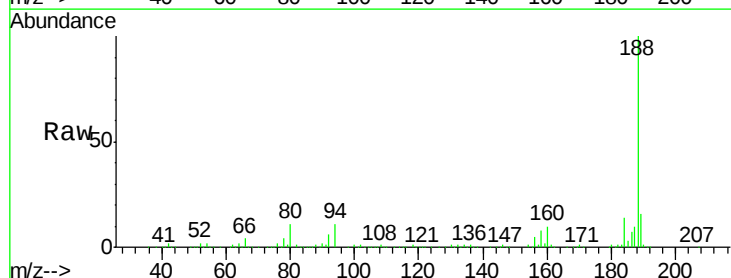


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

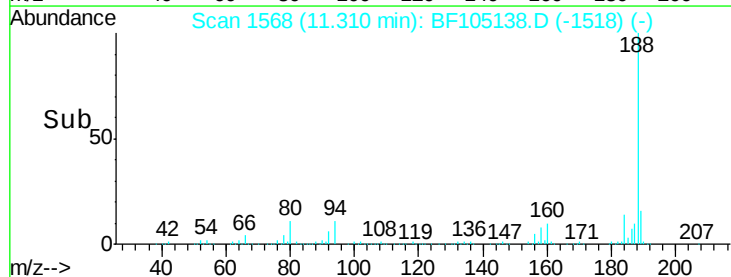
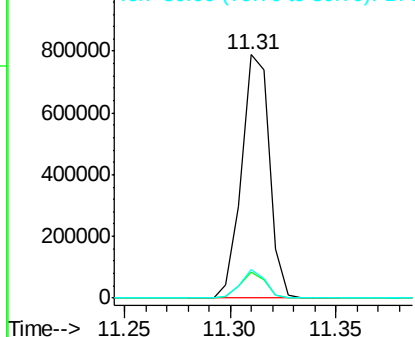


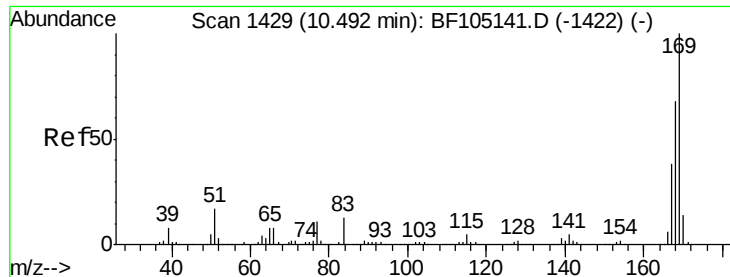
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.8	8.5	12.7	
80	11.5	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

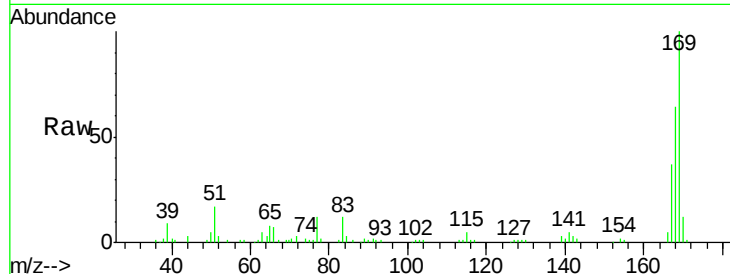




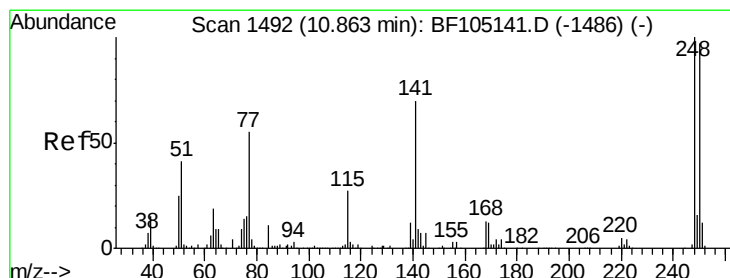
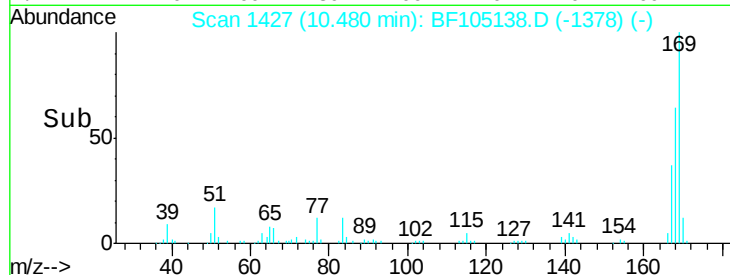
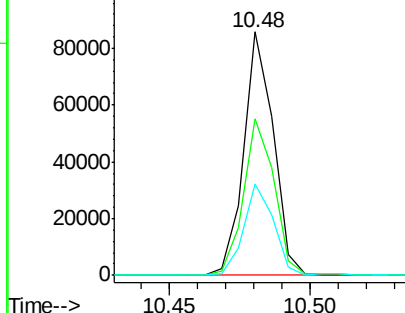
#65
 n-Nitrosodiphenylamine
 Concen: 2.502 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:169 Resp: 62425
 Ion Ratio Lower Upper
 169 100
 168 64.1 54.4 81.6
 167 37.3 29.8 44.6

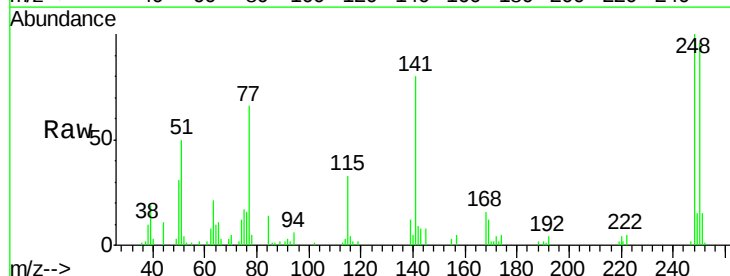


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

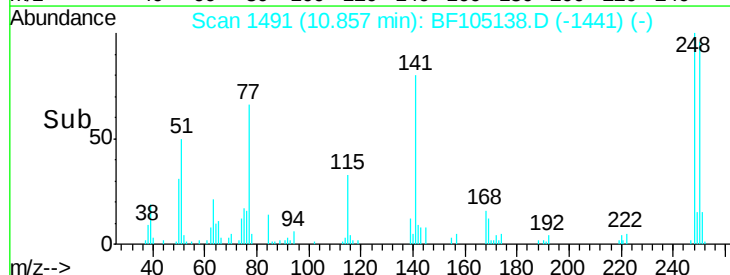
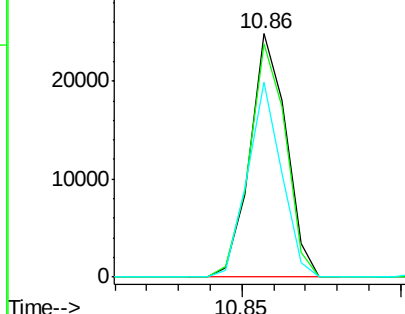


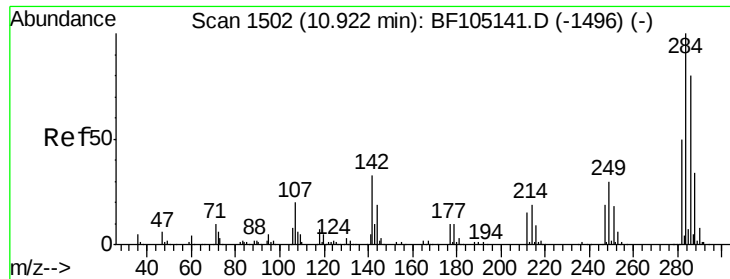
#66
 4-Bromophenyl-phenylether
 Concen: 2.562 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion:248 Resp: 19612
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.9 115.3
 141 80.0 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

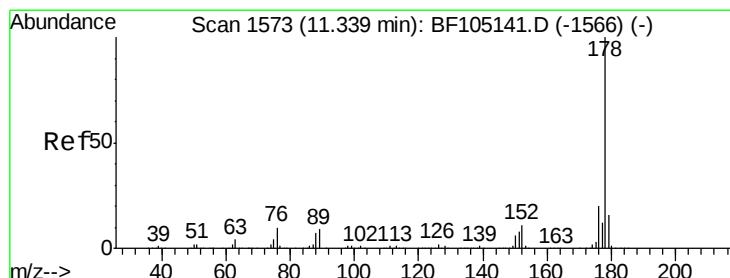
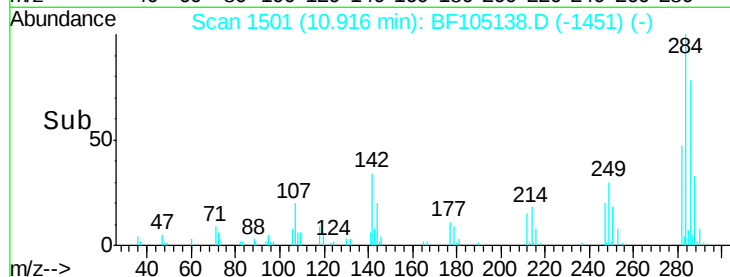
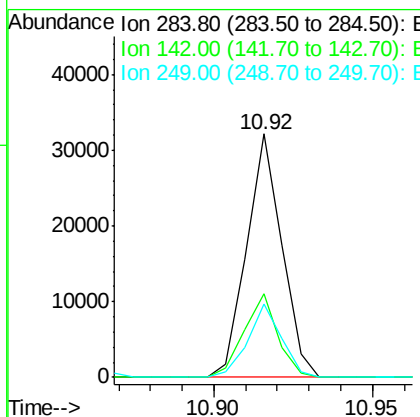
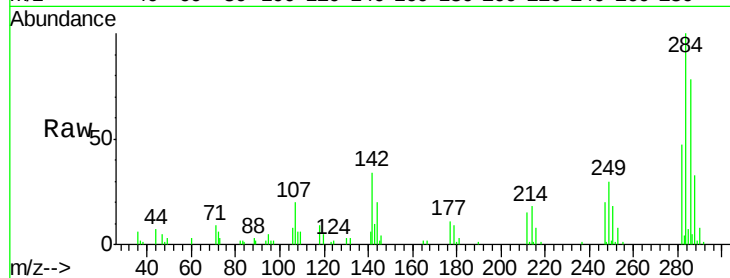




#67
Hexachlorobenzene
Concen: 2.876 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

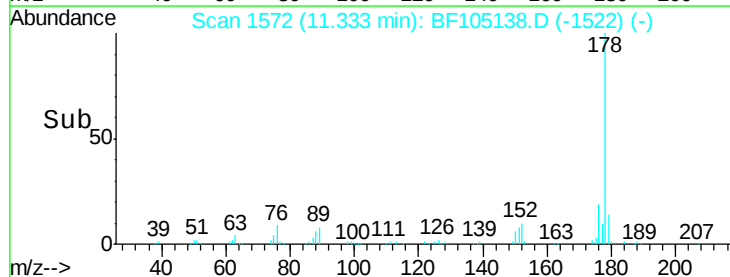
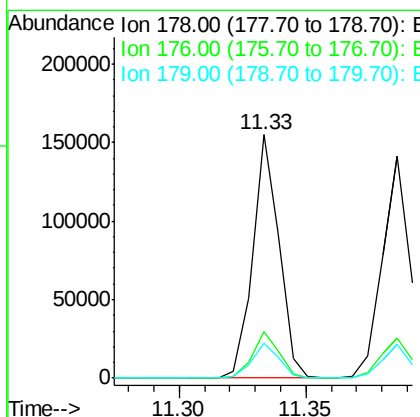
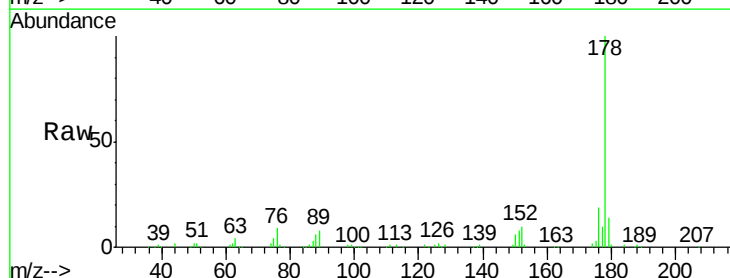
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

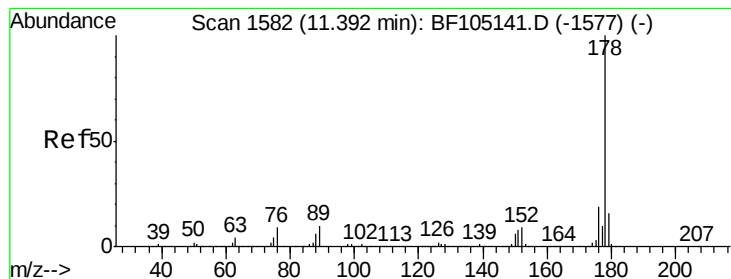
Tot Ion:284 Resp: 24770
Ion Ratio Lower Upper
284 100
142 34.4 34.6 52.0#
249 30.0 24.8 37.2



#70
Phenanthrene
Concen: 2.786 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:178 Resp: 111659
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 14.5 13.0 19.6





#71

Anthracene

Concen: 2.640 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

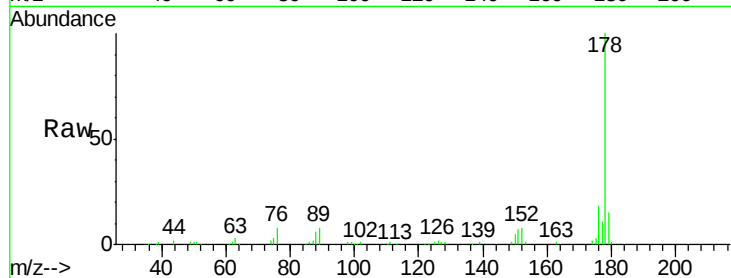
Tot Ion:178 Resp: 107548

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

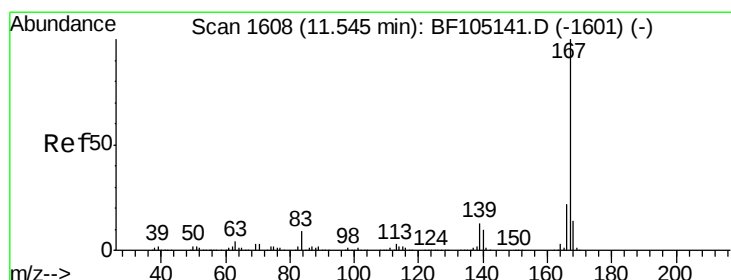
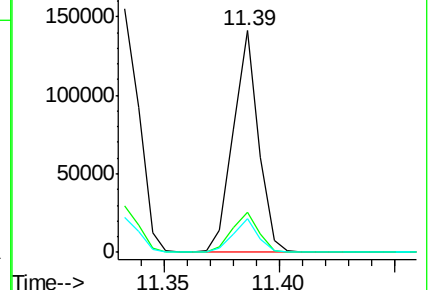
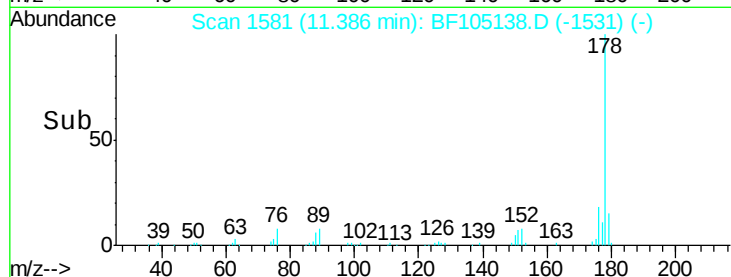
179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.346 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

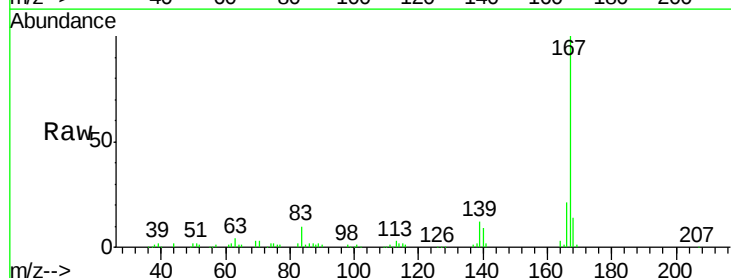
Tgt Ion:167 Resp: 93377

Ion Ratio Lower Upper

167 100

166 20.6 17.6 26.4

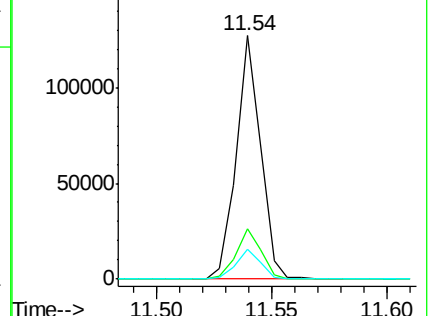
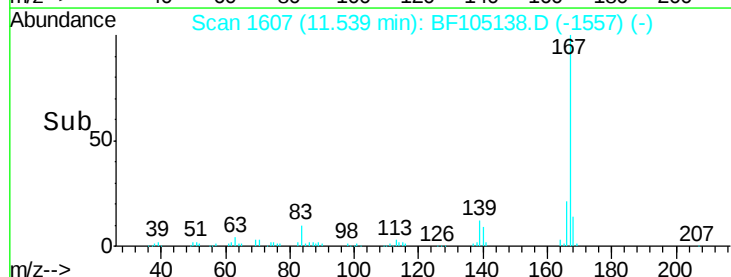
139 12.1 10.9 16.3

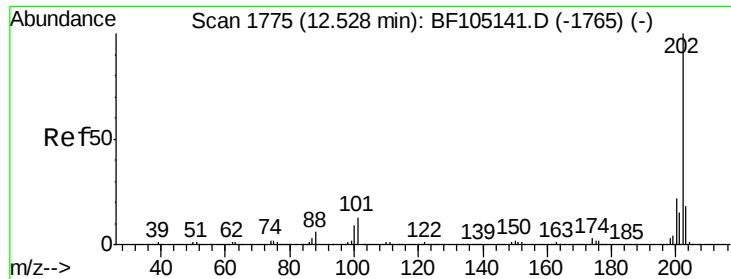


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

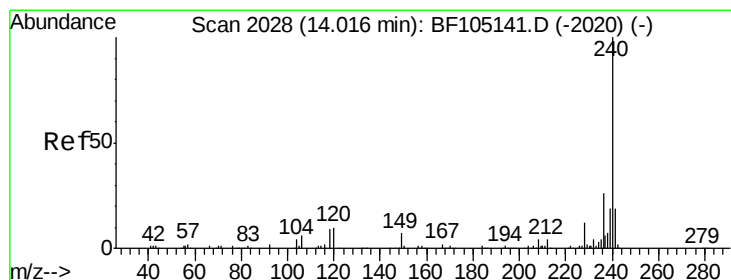
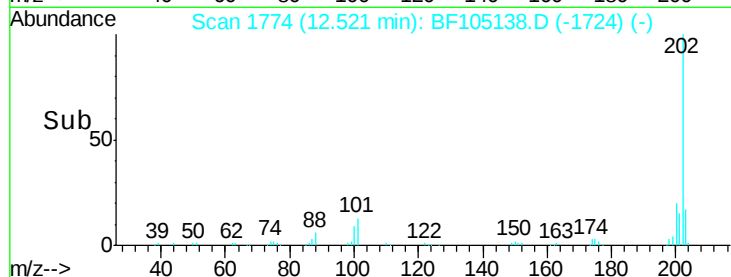
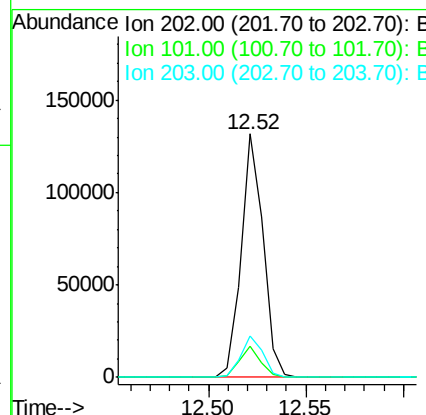
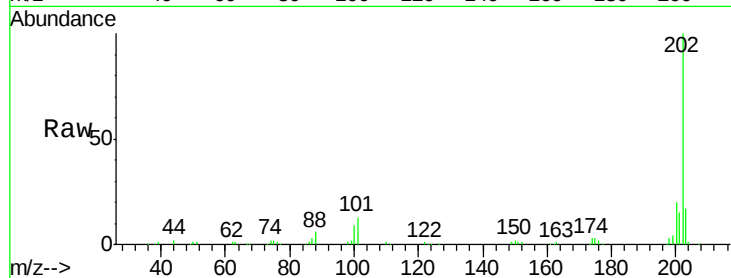




#74
Fluoranthene
Concen: 2.462 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

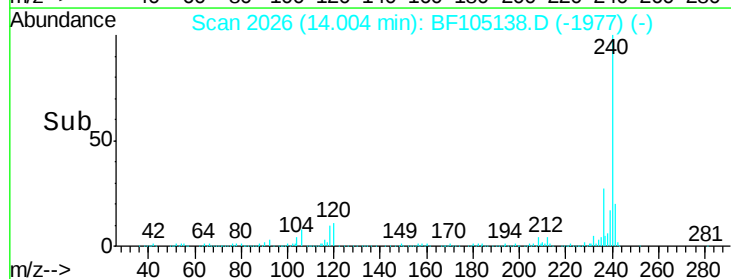
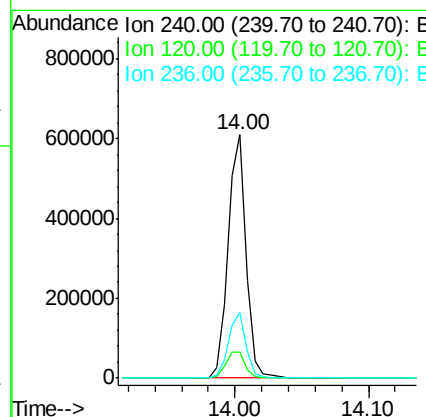
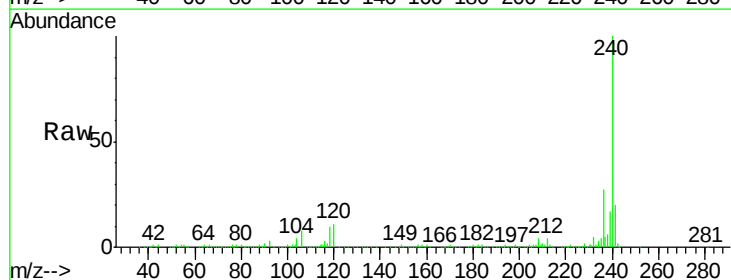
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

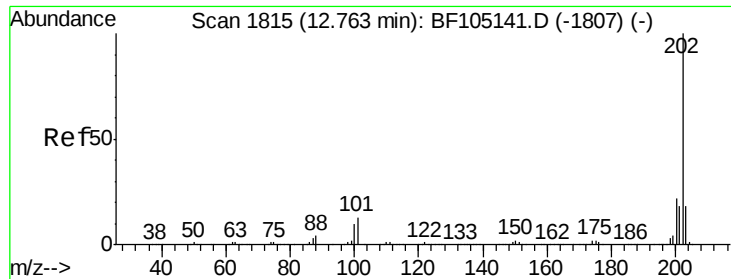
Tot Ion:202 Resp: 103072
Ion Ratio Lower Upper
202 100
101 12.6 0.0 34.1
203 17.2 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:240 Resp: 582850
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 26.7 20.7 31.1

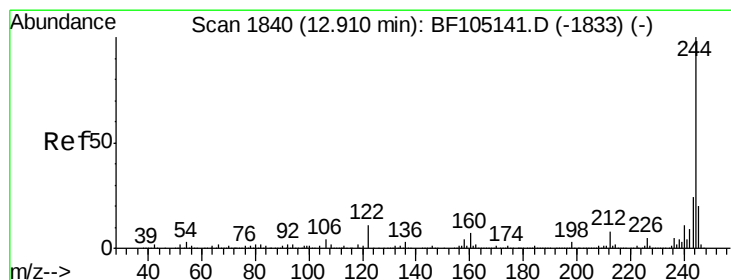
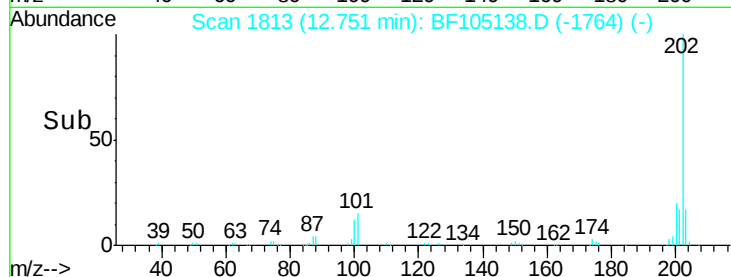
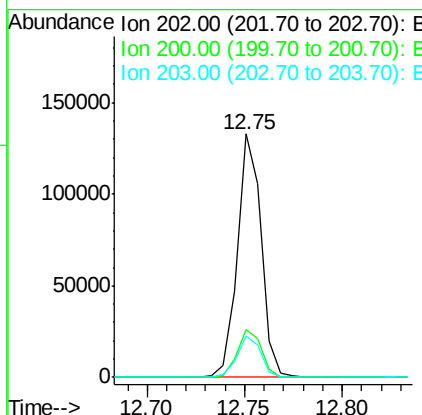
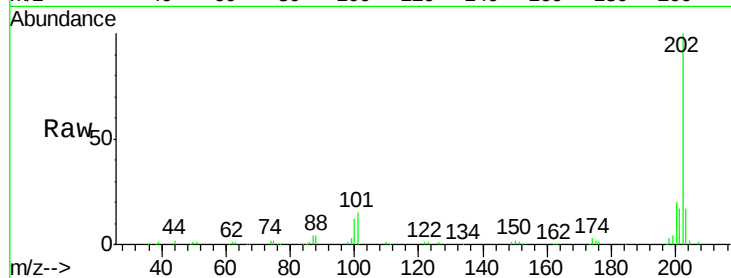




#77
Pvrene
Concen: 2.588 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

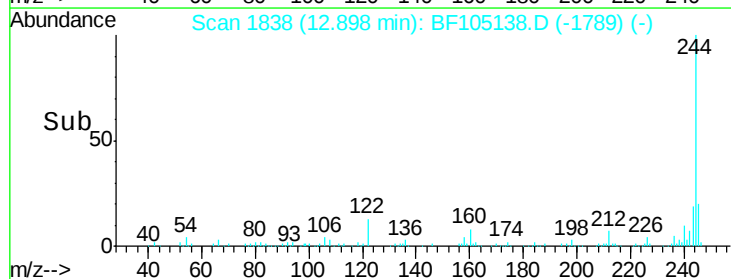
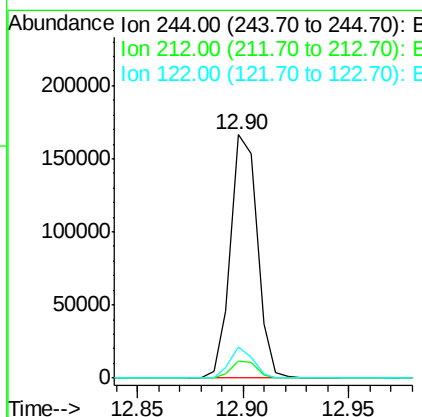
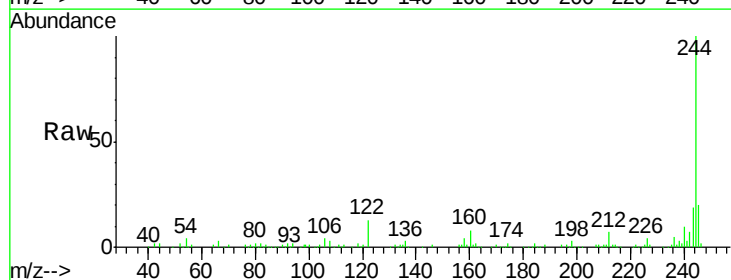
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

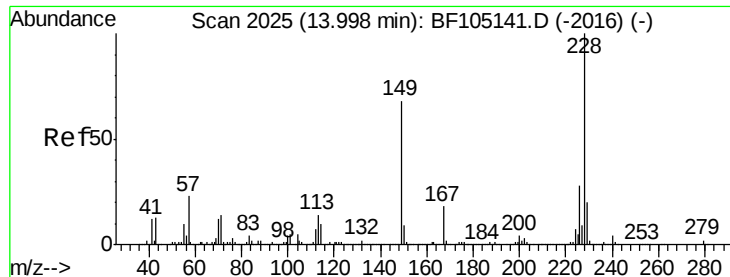
Tot Ion:202 Resp: 111812
Ion Ratio Lower Upper
202 100
200 19.9 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 5.709 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:244 Resp: 145947
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.7 11.0 16.4





#80

Benzo(a)anthracene

Concen: 2.522 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

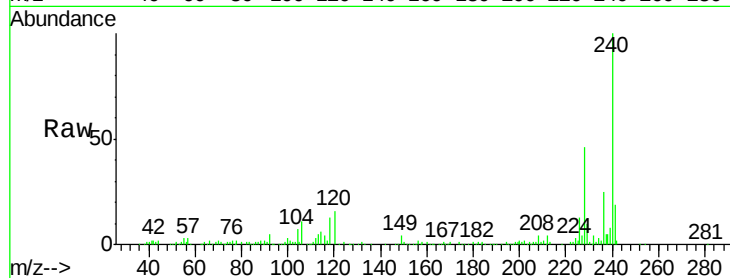
Tot Ion:228 Resp: 87823

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

229 20.8 15.8 23.6

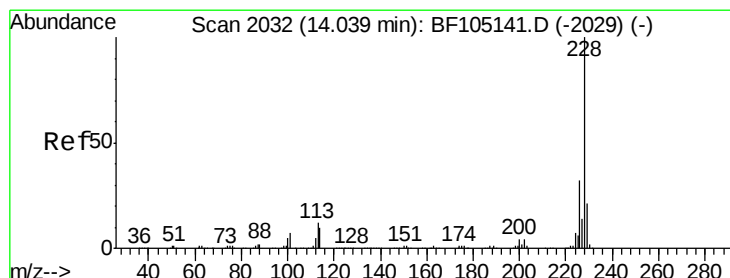
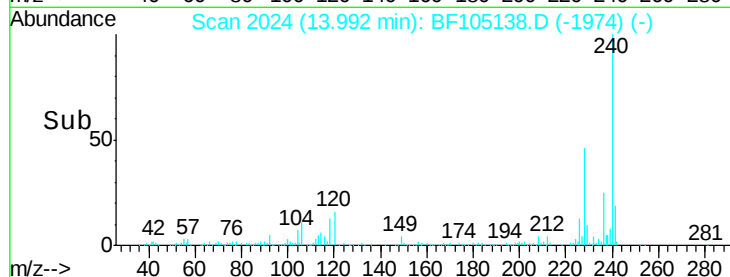
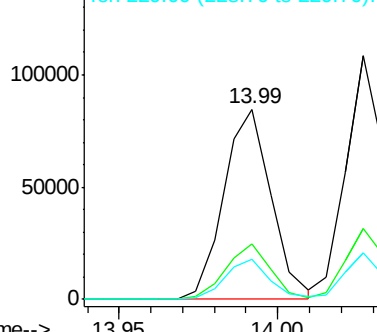


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 2.694 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

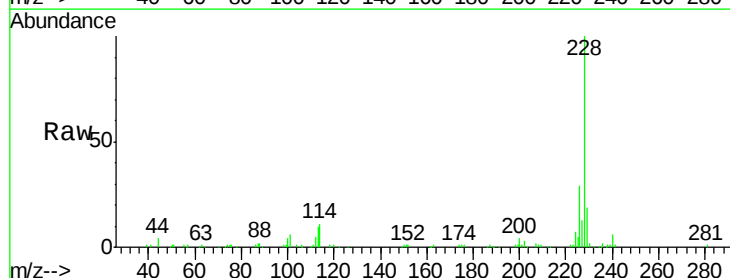
Tgt Ion:228 Resp: 96358

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.6

229 18.9 16.2 24.4

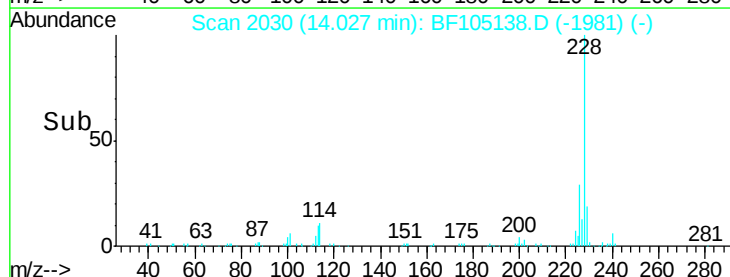
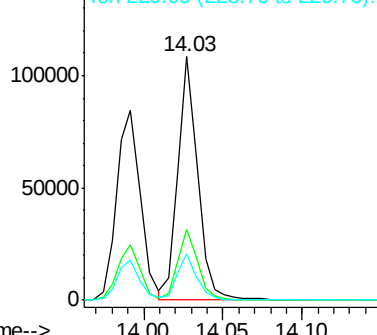


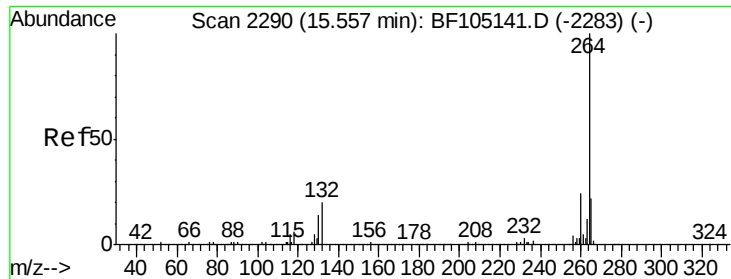
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

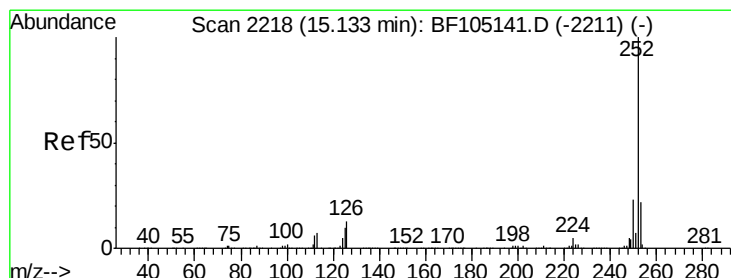
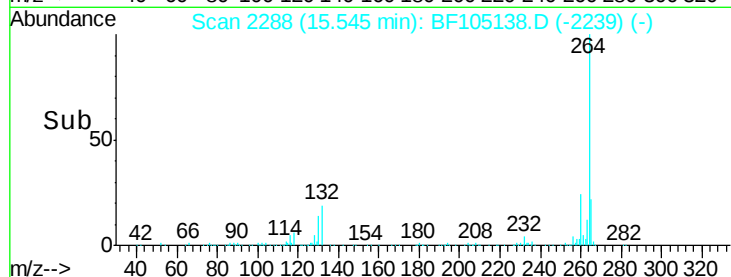
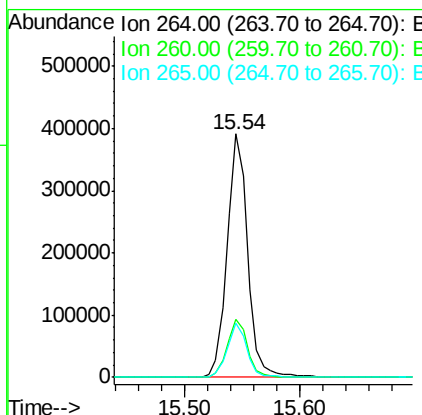
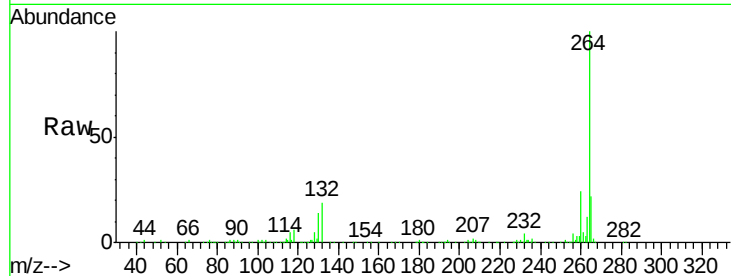




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

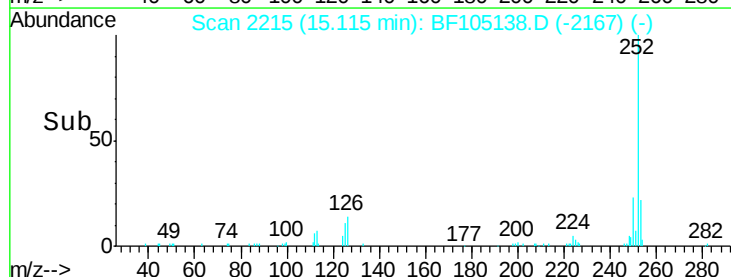
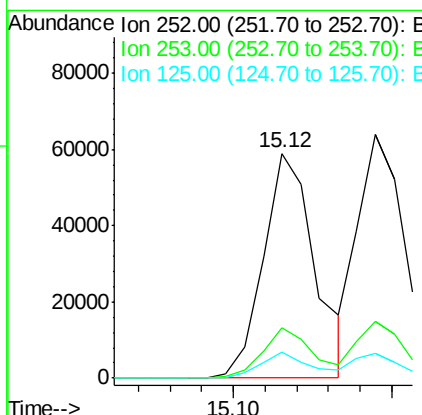
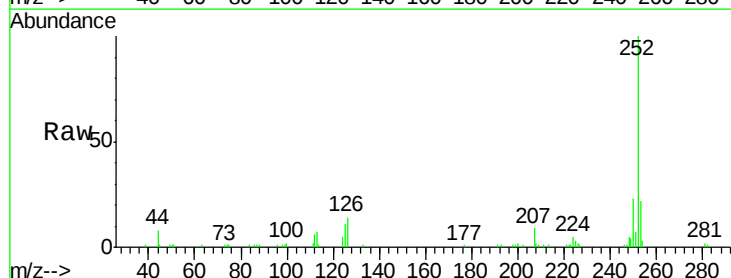
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

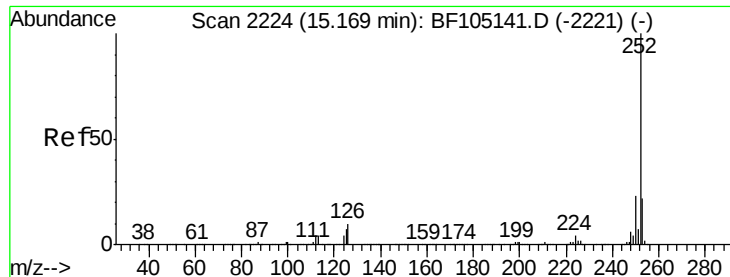
Tot Ion:264 Resp: 481418
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.191 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:252 Resp: 66604
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.4 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 2.464 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

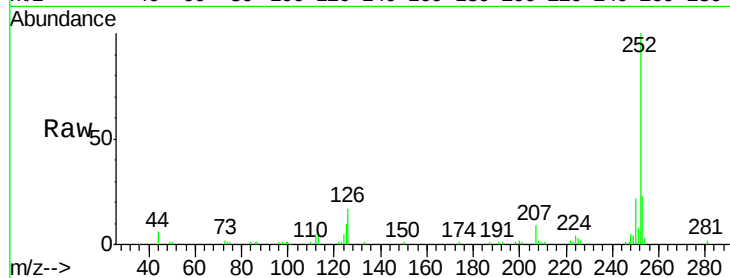
Tot Ion:252 Resp: 70739

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

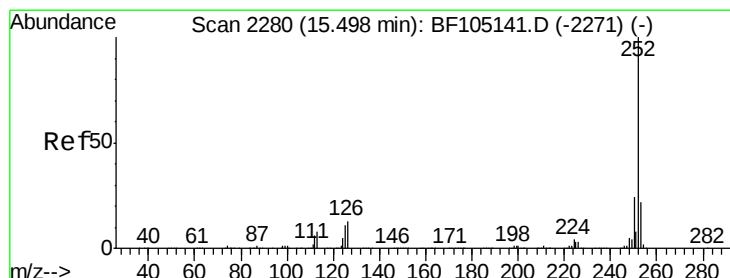
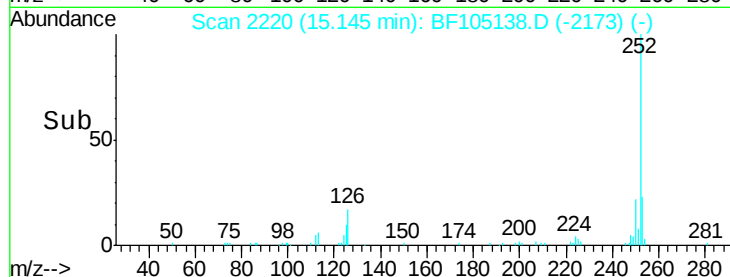
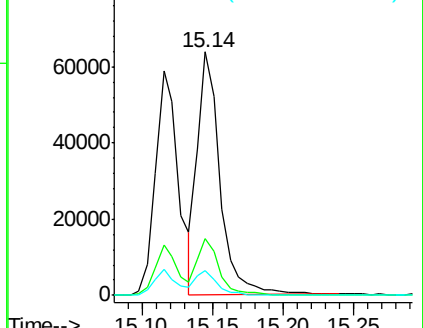
125 10.4 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.165 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

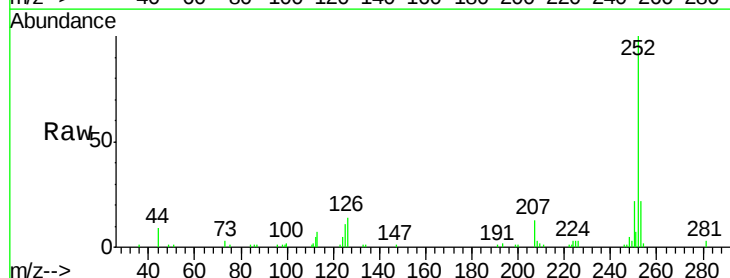
Tgt Ion:252 Resp: 58909

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 11.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

