

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098263.D
 Acq On : 2 Sep 2017 23:20
 Operator : SJ/JU
 Sample : I5051-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:29:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	112912	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	410213	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	163487	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	296631	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	287566	20.00	ng	-0.03
86) Perylene-d12	15.28	264	234481	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	146560	19.74	ng	-0.04
7) Phenol-d6	6.35	99	194139	19.25	ng	-0.04
23) Nitrobenzene-d5	7.27	82	109136	14.45	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	26449	18.65	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	161351	14.50	ng	-0.04
78) Terphenyl-d14	12.81	244	129634	9.40	ng	-0.04

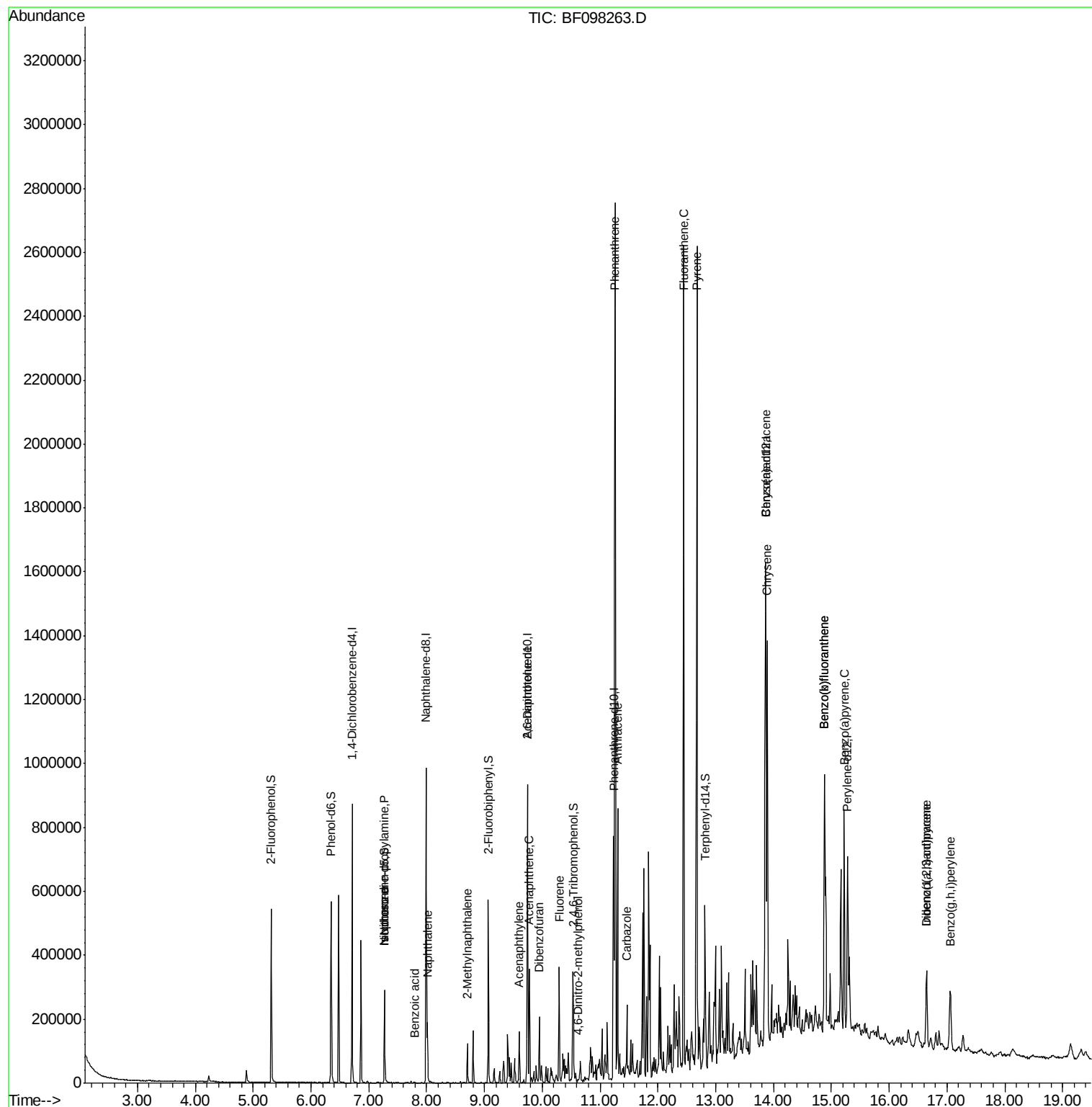
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.27	70	13944	2.020	ng	# 72
25) Isophorone	7.27	82	105926	6.746	ng	# 67
31) Naphthalene	8.02	128	75624	3.551	ng	# 97
32) Benzoic acid	7.79	122	180	6.437	ng	# 1
37) 2-Methylnaphthalene	8.70	142	34172	2.617	ng	# 96
48) Acenaphthylene	9.60	152	43997	2.543	ng	# 95
50) 2,6-Dinitrotoluene	9.75	165	22441	9.408	ng	# 34
51) Acenaphthene	9.77	154	68414	6.271	ng	# 95
54) Dibenzofuran	9.95	168	64421	4.406	ng	# 98
57) Fluorene	10.29	166	91303	8.077	ng	# 93
64) 4,6-Dinitro-2-methylphenol	10.62	198	133	8.399	ng	# 15
70) Phenanthrene	11.26	178	1084741	68.626	ng	# 100
71) Anthracene	11.30	178	283866	17.706	ng	# 100
72) Carbazole	11.46	167	74913	4.923	ng	# 97
74) Fluoranthene	12.45	202	1081655	65.561	ng	# 98
77) Pyrene	12.67	202	1119146	47.584	ng	# 99
80) Benzo(a)anthracene	13.86	228	513455	29.791	ng	# 97
82) Chrysene	13.89	228	451840	26.354	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.64	276	149187	11.829	ng	# 89
87) Benzo(b)fluoranthene	14.88	252	568823	38.486	ng	# 98
88) Benzo(k)fluoranthene	14.88	252	568823	40.964	ng	# 97
89) Benzo(a)pyrene	15.22	252	324361	24.790	ng	# 99
90) Dibenz(a,h)anthracene	16.66	278	36644	3.440	ng	# 93
91) Benzo(g,h,i)perylene	17.06	276	137579	12.378	ng	# 95

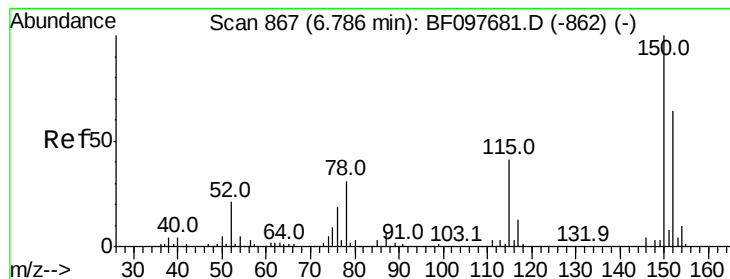
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.04 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

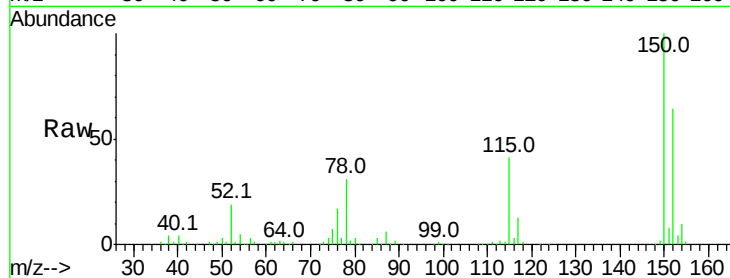
Tot Ion:152 Resp: 112912

Ion Ratio Lower Upper

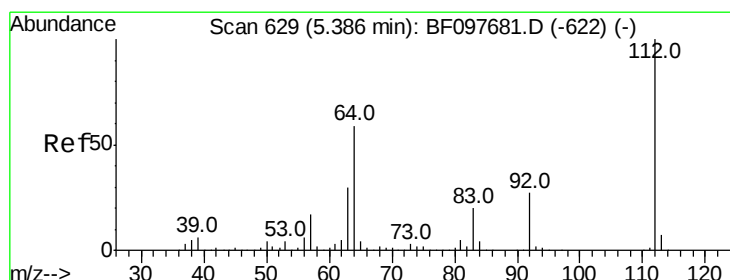
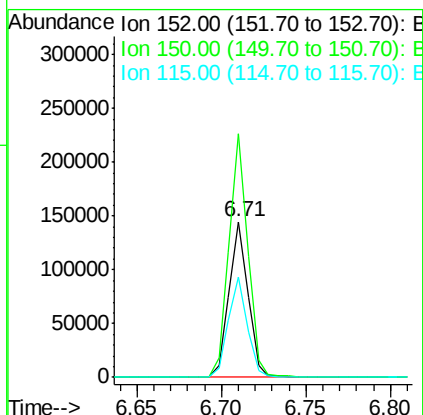
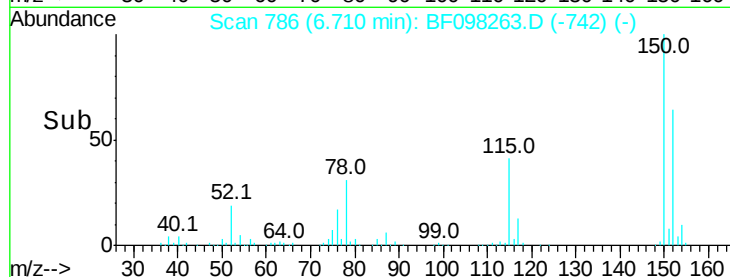
152 100

150 156.6 126.2 189.2

115 64.1 52.2 78.2



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



#5

2-Fluorophenol

Concen: 19.744 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.04 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

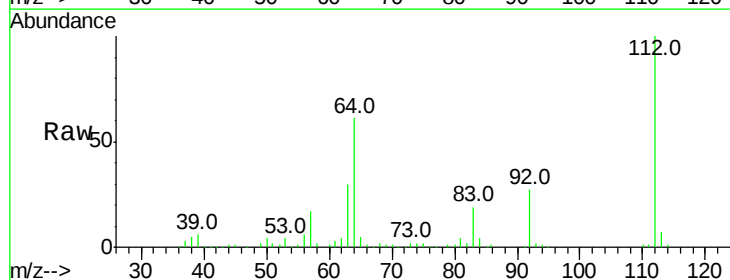
Tgt Ion:112 Resp: 146560

Ion Ratio Lower Upper

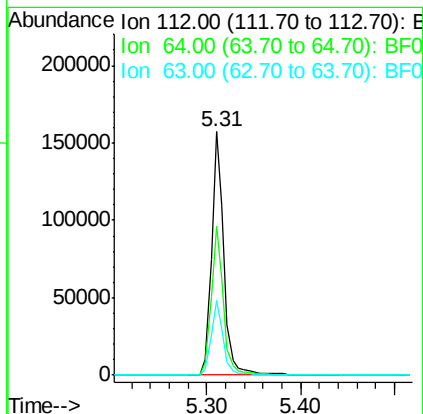
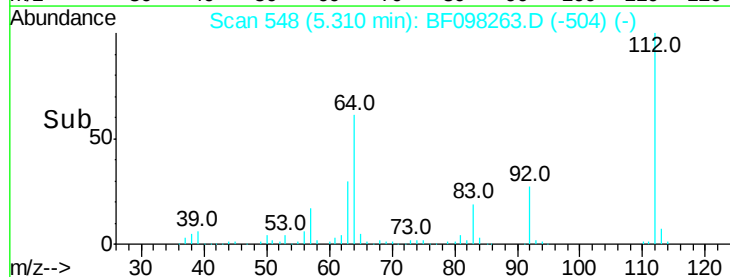
112 100

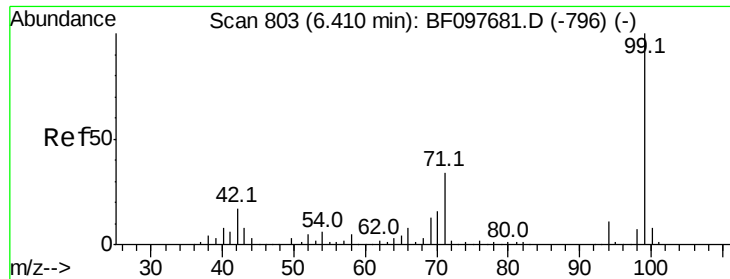
64 61.2 46.0 69.0

63 30.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.248 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

Instrument :

BNA_F

ClientSampled :

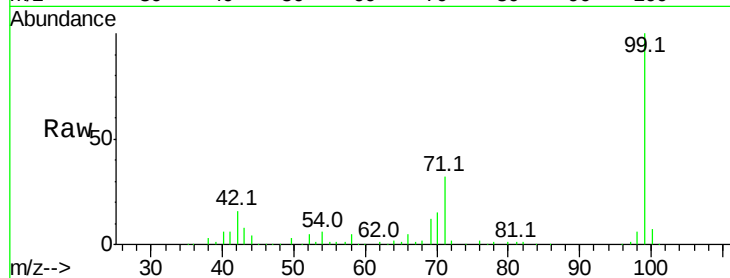
Tot Ion: 99 Resp: 194139

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

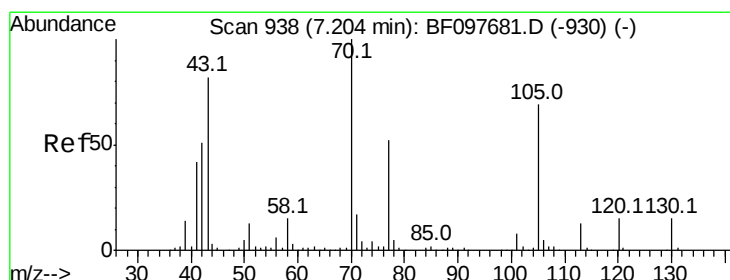
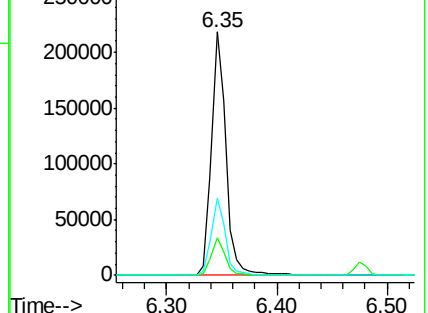
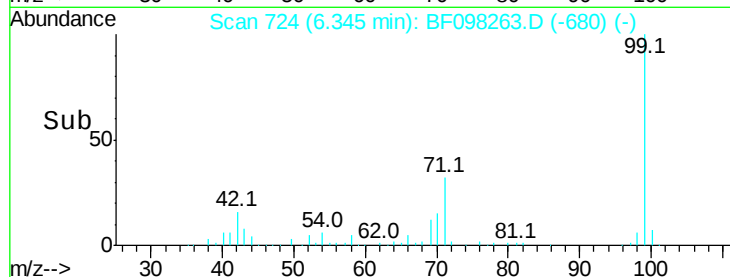
71 31.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 2.020 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.09 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

Tgt Ion: 70 Resp: 13944

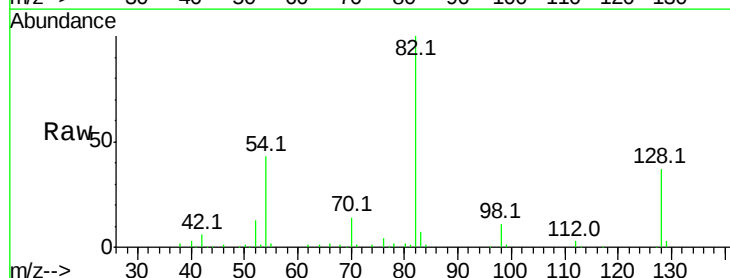
Ion Ratio Lower Upper

70 100

42 42.0 47.2 70.8#

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#

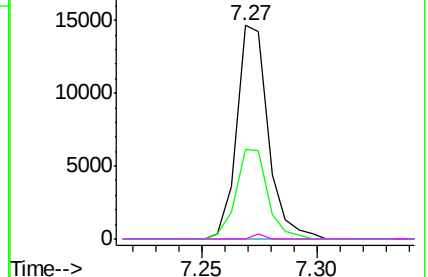
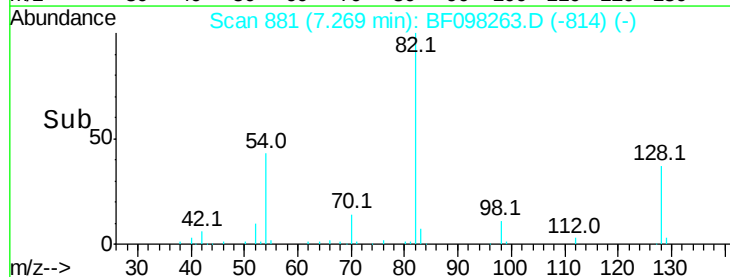


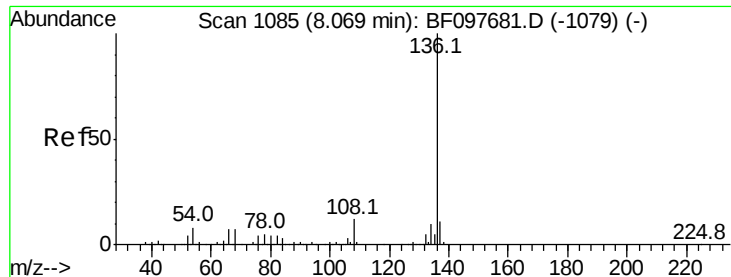
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

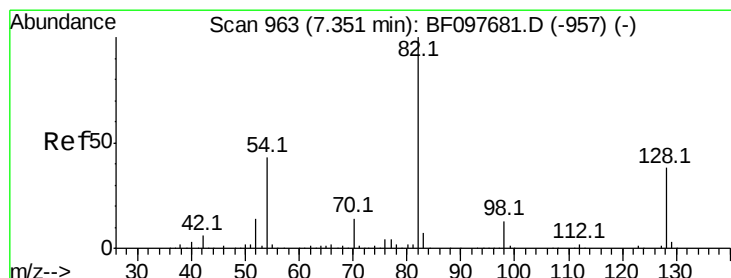
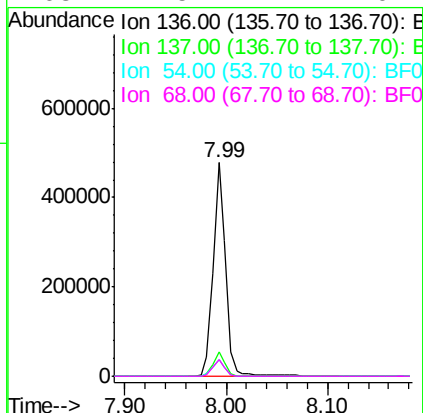
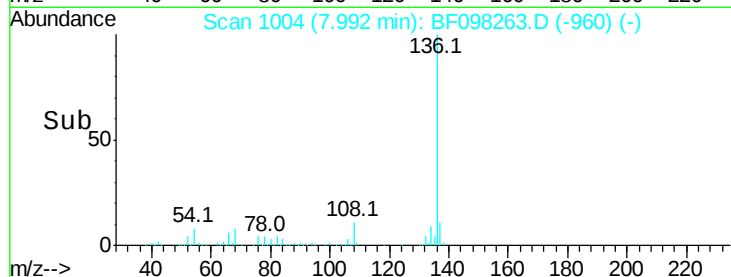
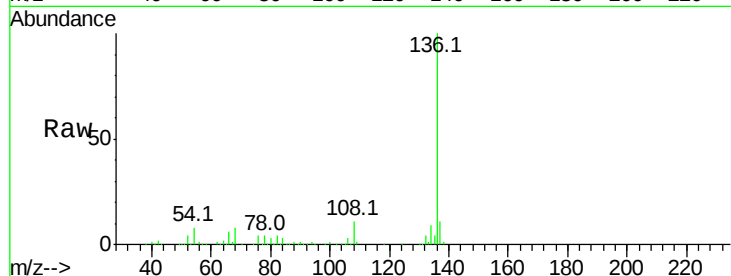




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

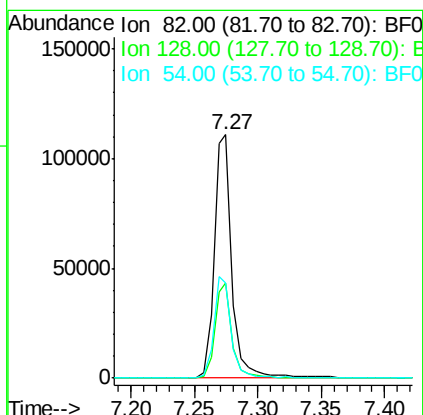
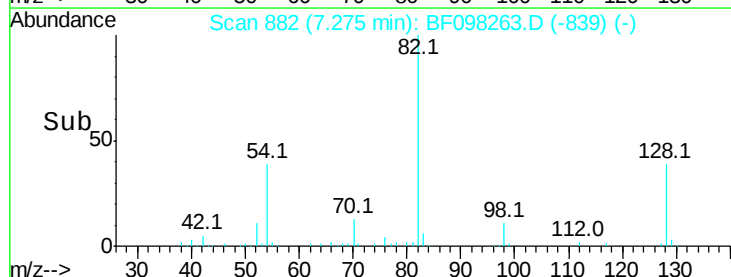
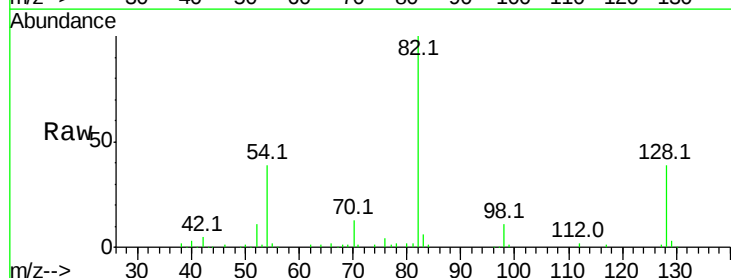
Instrument :
BNA_F
ClientSampleId :

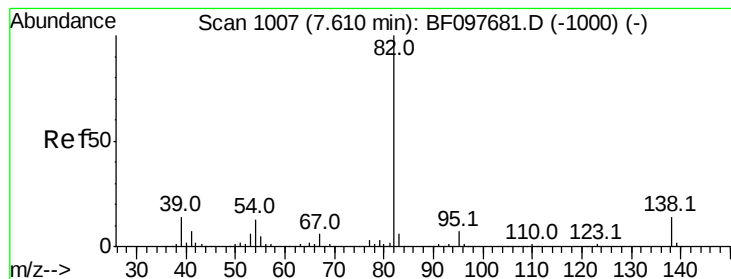
Tot Ion:136 Resp: 410213
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.9 4.9 7.3#
68 7.5 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 14.453 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

Tgt Ion: 82 Resp: 109136
Ion Ratio Lower Upper
82 100
128 39.2 34.0 51.0
54 39.2 42.2 63.2#





#25

Isophorone

Concen: 6.746 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.31 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

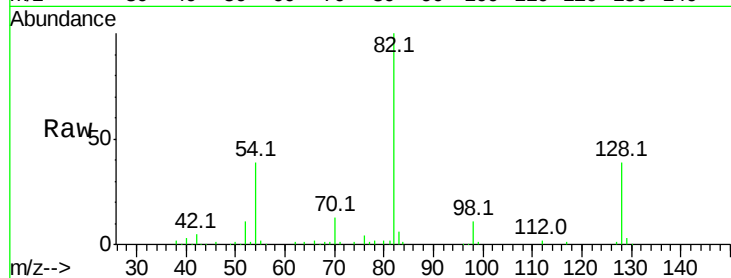
Tot Ion: 82 Resp: 105926

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

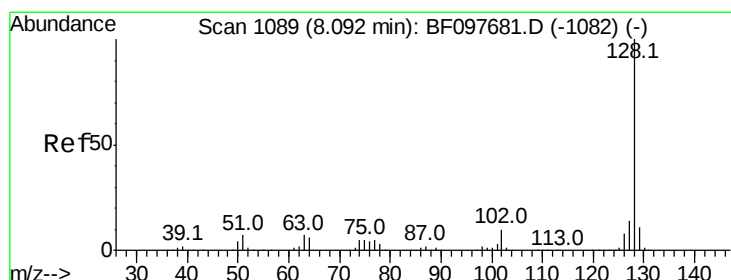
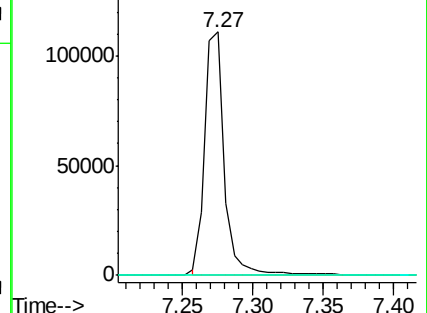
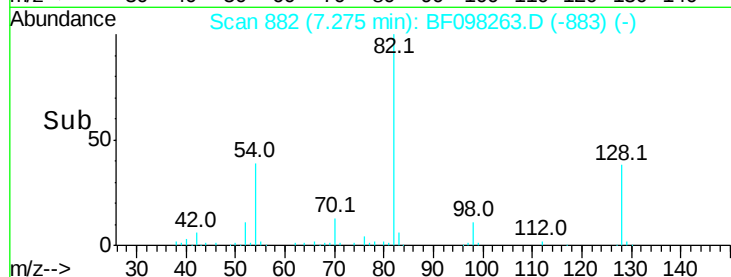
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 3.551 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.04 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

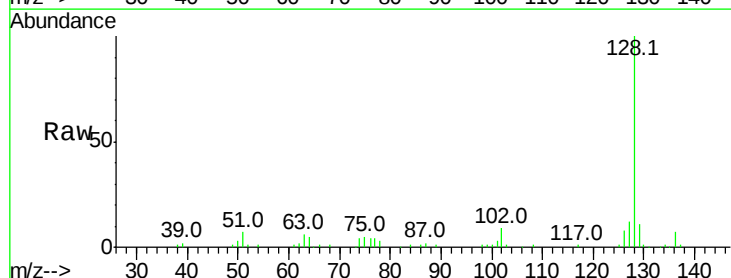
Tgt Ion: 128 Resp: 75624

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

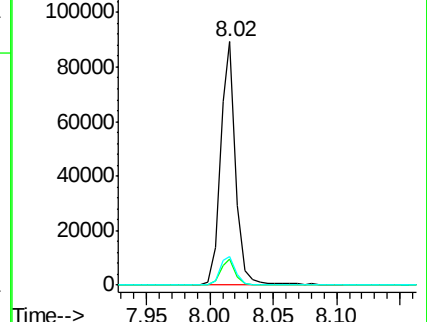
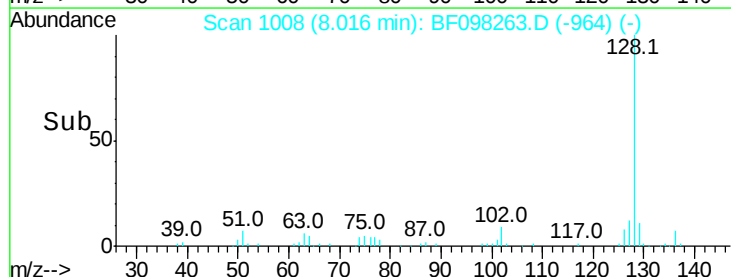
127 11.6 10.8 16.2

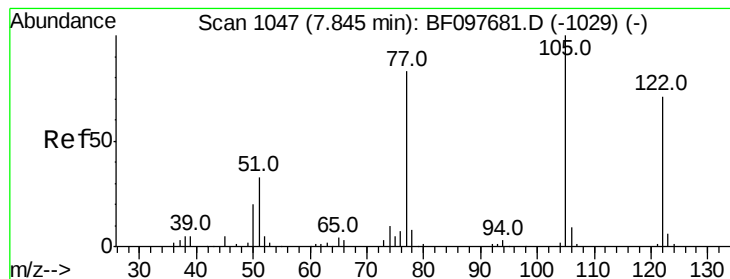


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

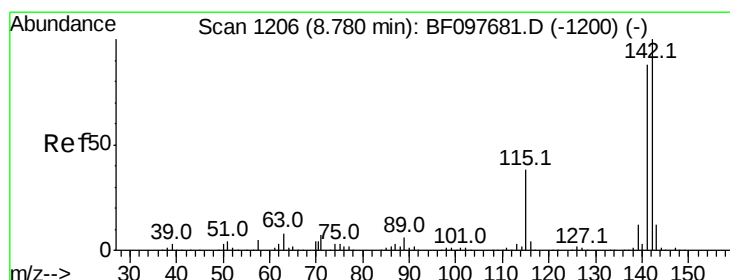
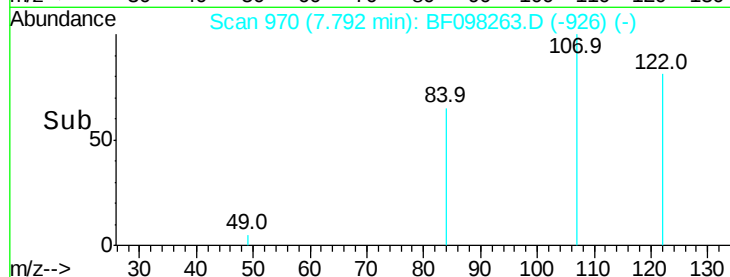
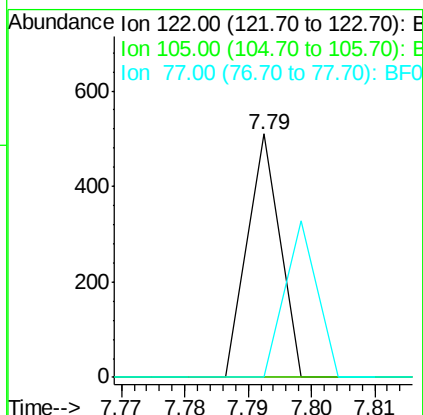
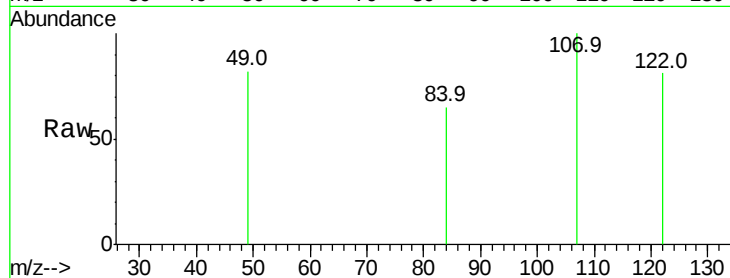




#32
Benzoic acid
Concen: 6.437 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.04 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

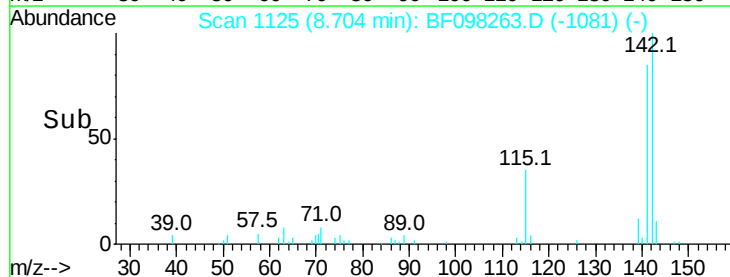
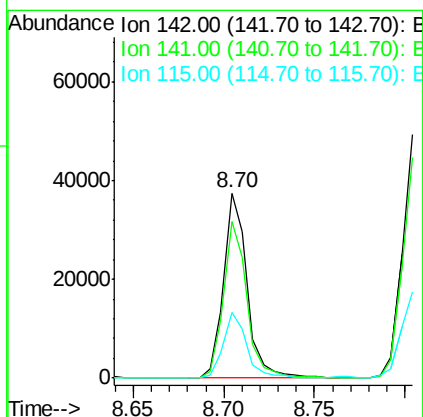
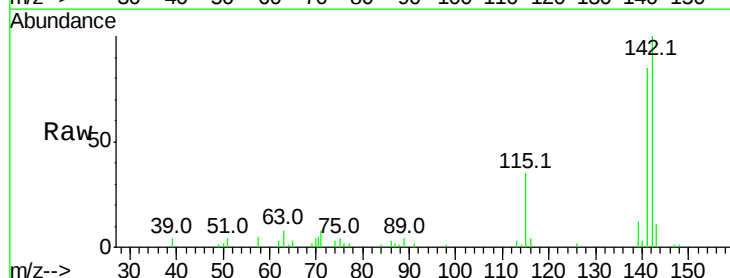
Instrument :
BNA_F
ClientSampleId :

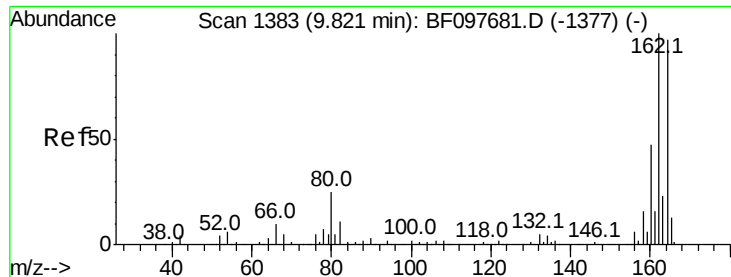
Tot Ion:122 Resp: 180
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.7 113.7#



#37
2-Methylnaphthalene
Concen: 2.617 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.04 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

Tgt Ion:142 Resp: 34172
Ion Ratio Lower Upper
142 100
141 84.7 71.3 106.9
115 35.2 27.1 40.7

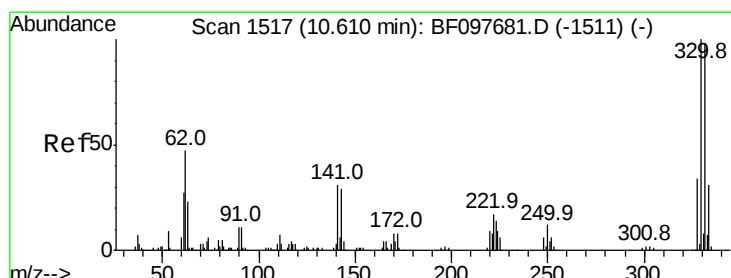
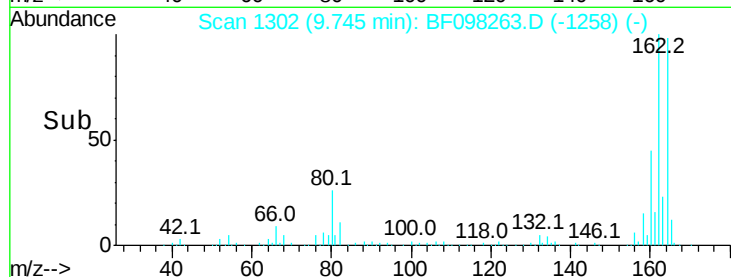
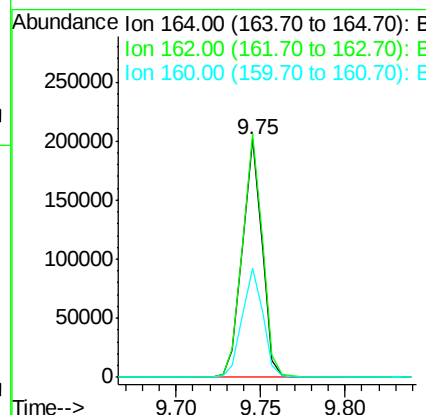
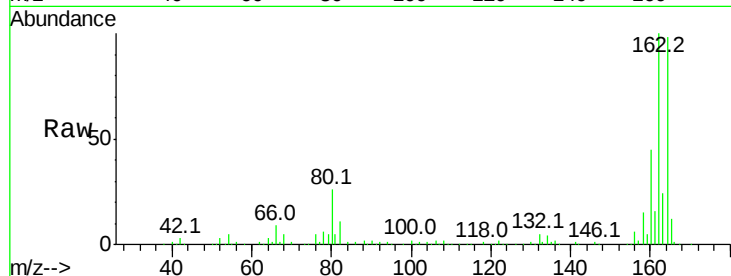




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

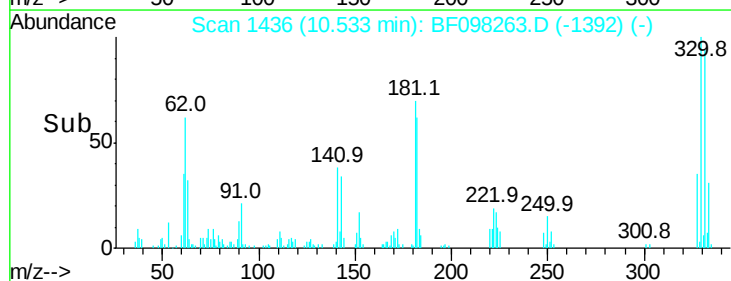
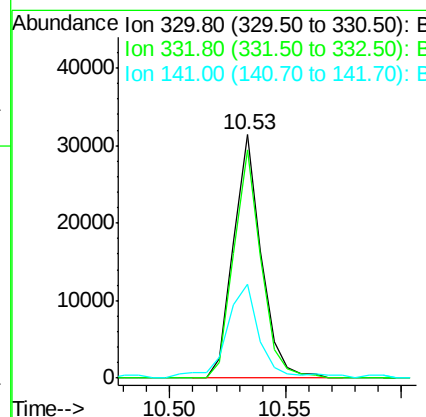
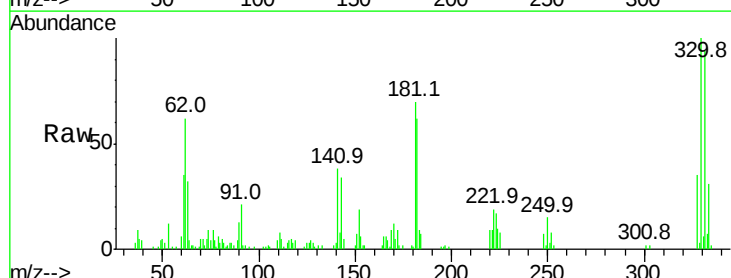
Instrument :
BNA_F
ClientSampled :

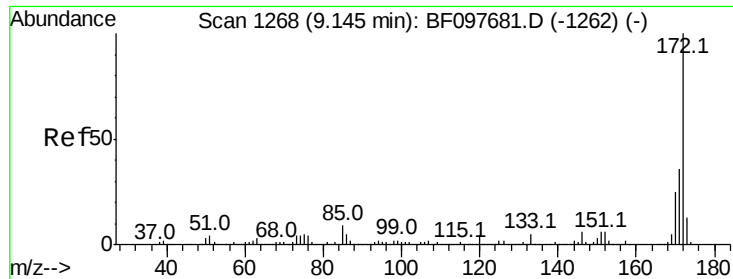
Tot Ion:164 Resp: 163487
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 45.9 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 18.646 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.04 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

Tgt Ion:330 Resp: 26449
Ion Ratio Lower Upper
330 100
332 92.4 76.6 115.0
141 46.1 31.4 47.2

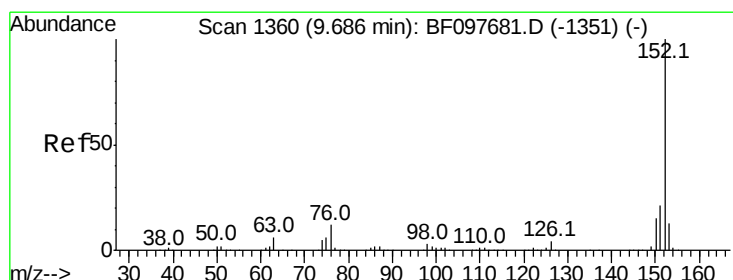
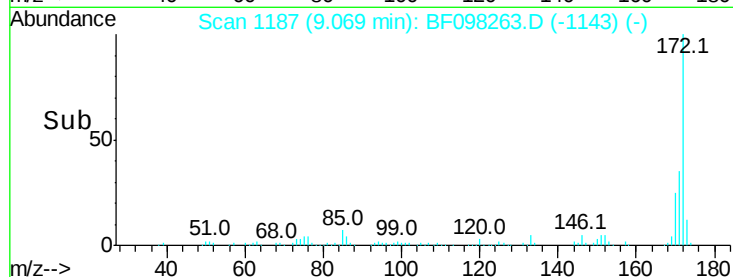
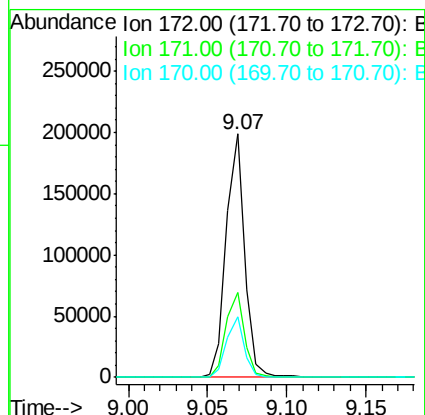
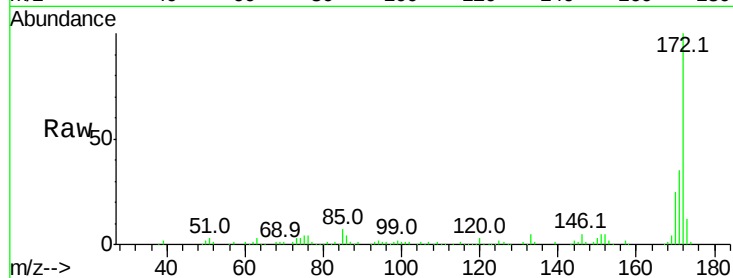




#44
 2-Fluorobiphenyl
 Concen: 14.500 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BF098263.D
 Acq: 2 Sep 2017 23:20

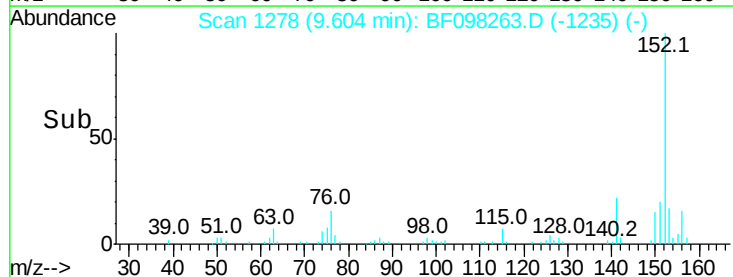
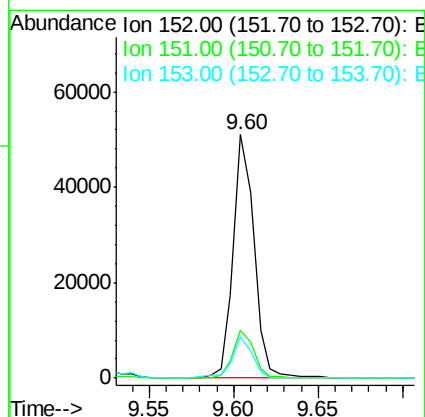
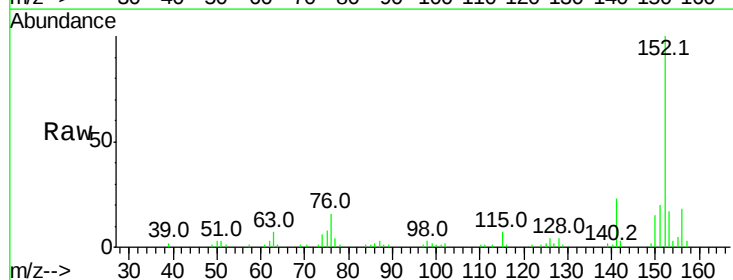
Instrument :
 BNA_F
 ClientSampleId :

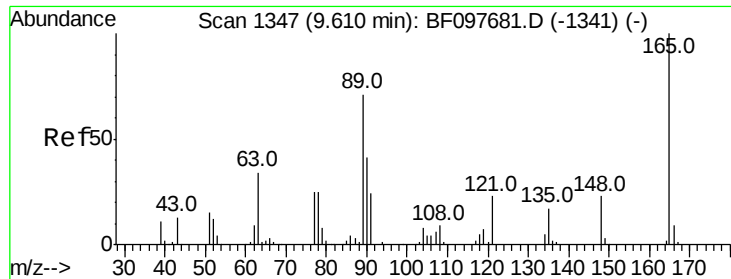
Tot Ion:172 Resp: 161351
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 24.7 19.8 29.8



#48
 Acenaphthylene
 Concen: 2.543 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.05 min
 Lab File: BF098263.D
 Acq: 2 Sep 2017 23:20

Tgt Ion:152 Resp: 43997
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.8 25.2
 153 17.1 10.8 16.2#

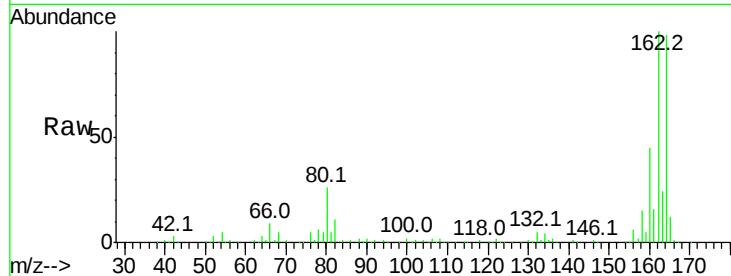




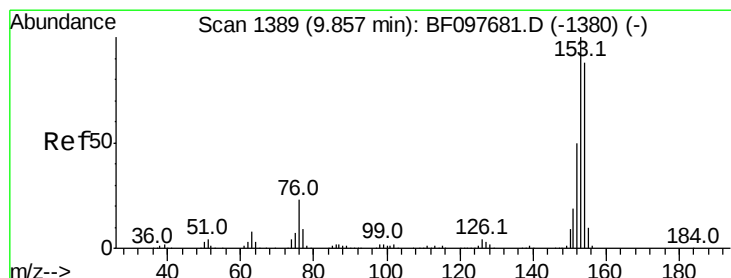
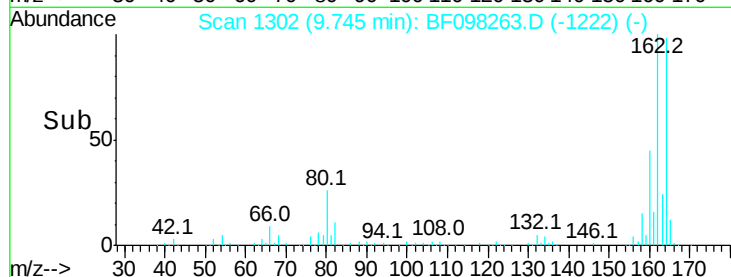
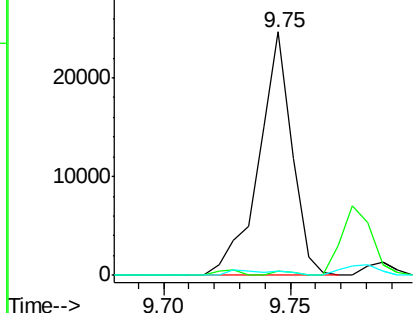
#50
 2,6-Dinitrotoluene
 Concen: 9.408 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.17 min
 Lab File: BF098263.D
 Acq: 2 Sep 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22441
 Ion Ratio Lower Upper
 165 100
 63 1.6 34.3 51.5#
 89 1.7 37.1 55.7#

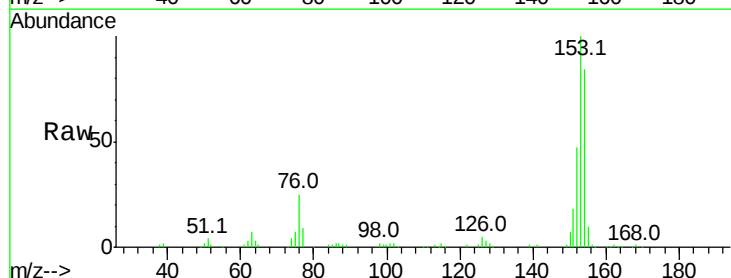


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

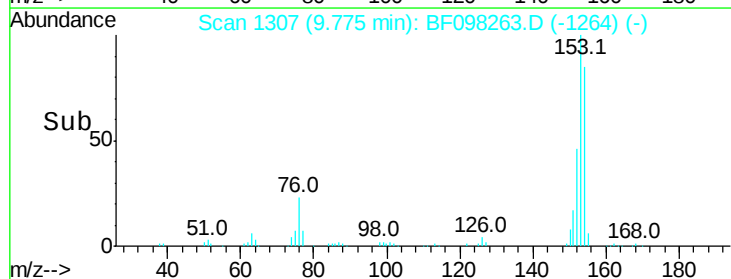
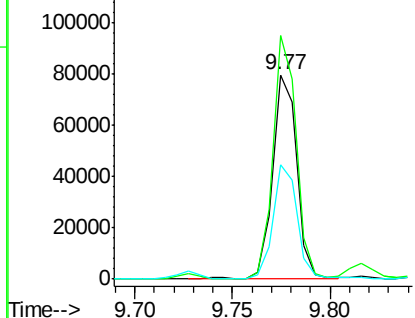


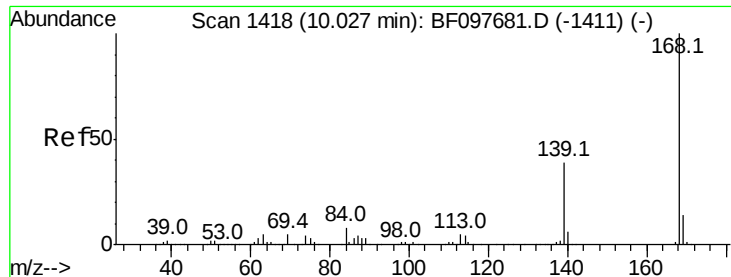
#51
 Acenaphthene
 Concen: 6.271 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.05 min
 Lab File: BF098263.D
 Acq: 2 Sep 2017 23:20

Tgt Ion:154 Resp: 68414
 Ion Ratio Lower Upper
 154 100
 153 119.2 90.5 135.7
 152 56.0 43.6 65.4



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

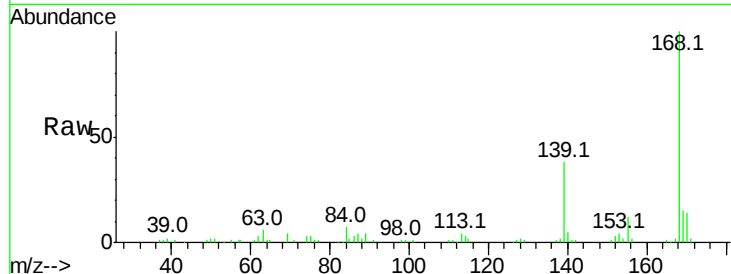




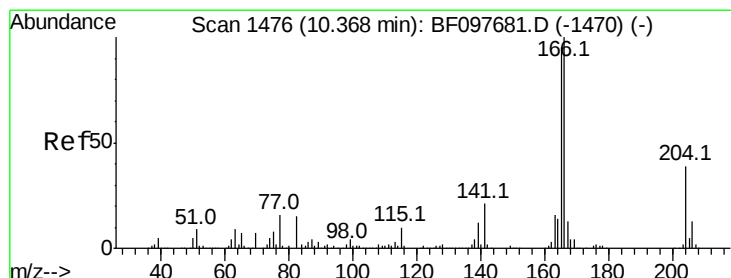
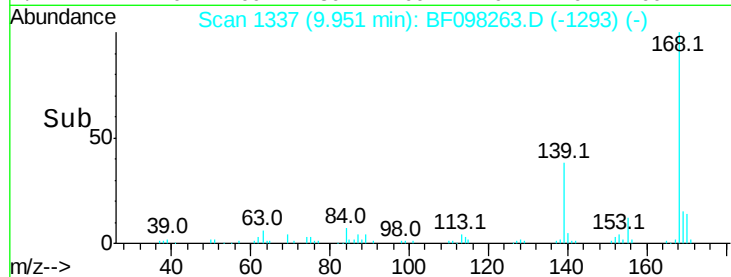
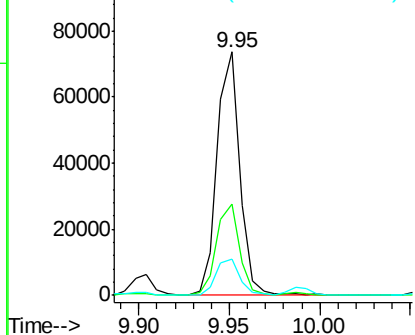
#54
Dibenzenofuran
Concen: 4.406 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.04 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 64421
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8
169 15.1 10.8 16.2

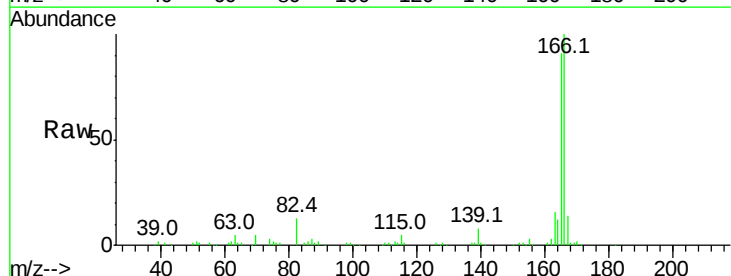


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

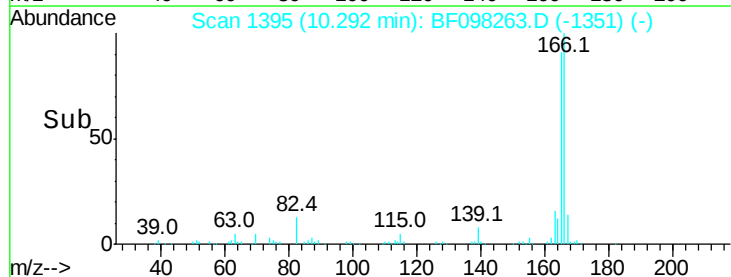
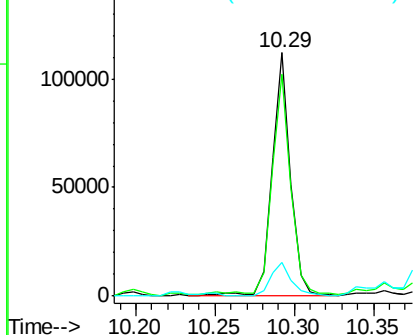


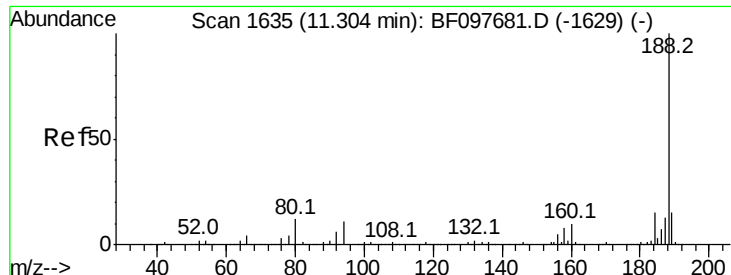
#57
Fluorene
Concen: 8.077 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.04 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

Tgt Ion:166 Resp: 91303
Ion Ratio Lower Upper
166 100
165 91.2 78.8 118.2
167 13.7 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.03 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

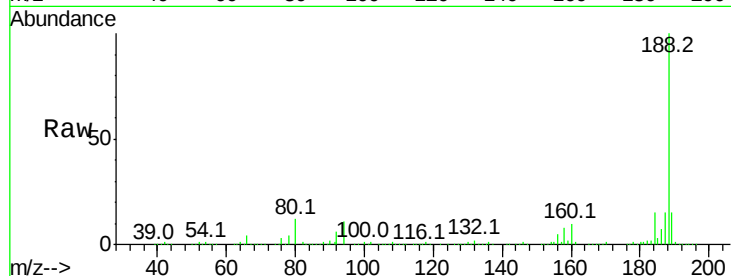
Tot Ion:188 Resp: 296631

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

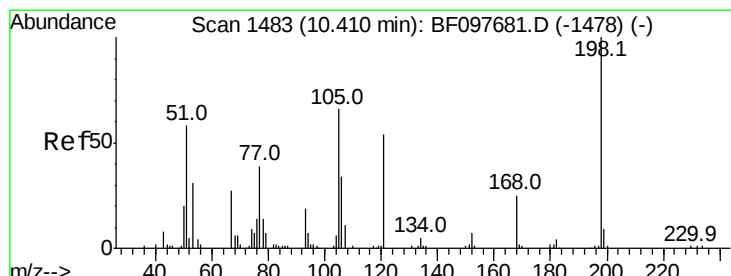
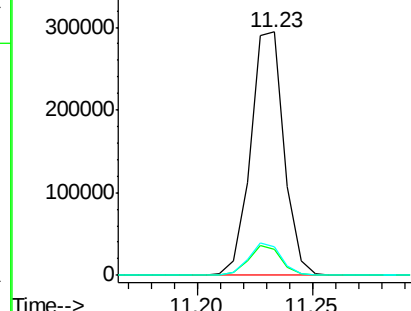
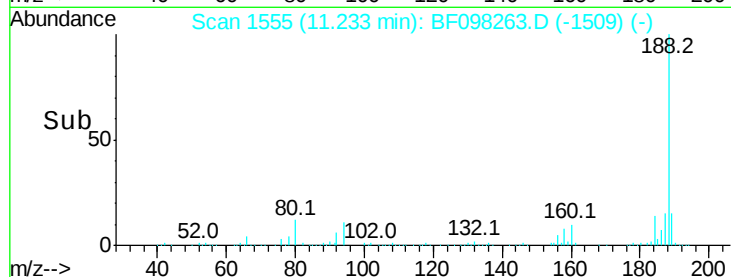
80 11.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 8.399 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.24 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

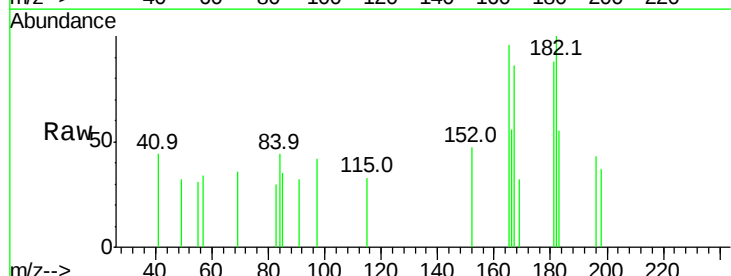
Tgt Ion:198 Resp: 133

Ion Ratio Lower Upper

198 100

51 0.0 53.2 93.2#

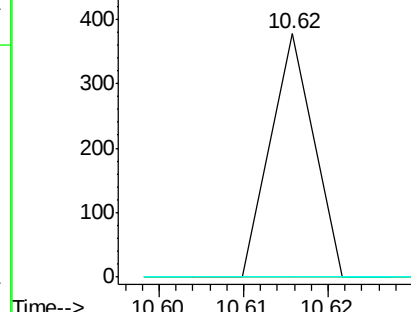
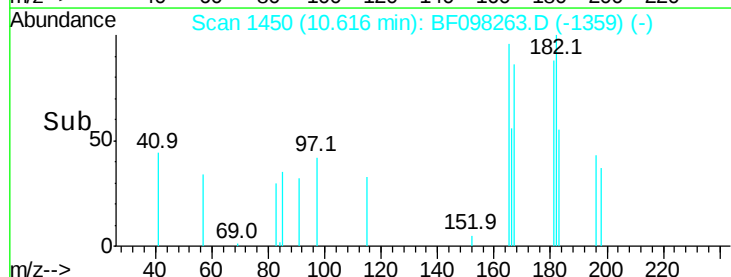
105 0.0 45.8 85.8#

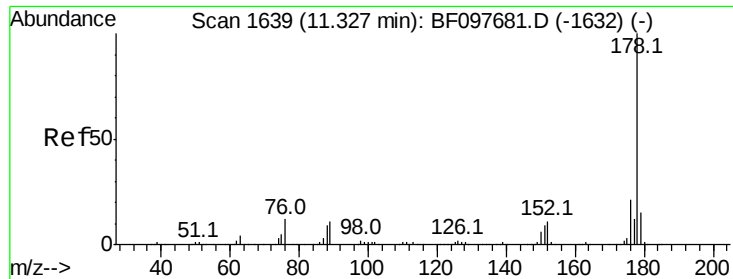


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

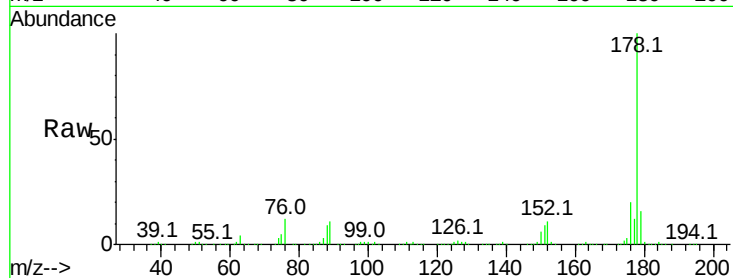




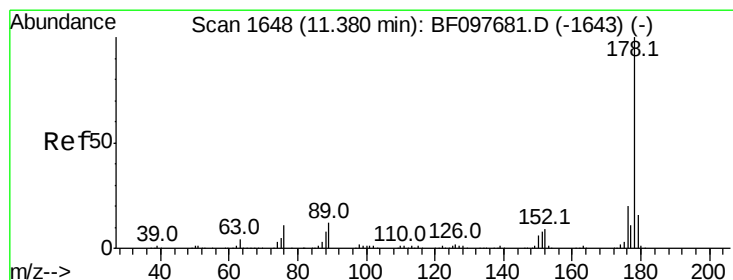
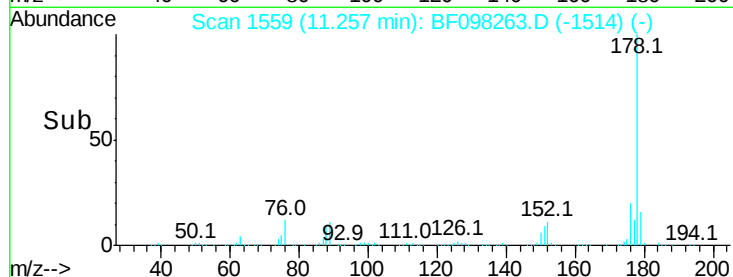
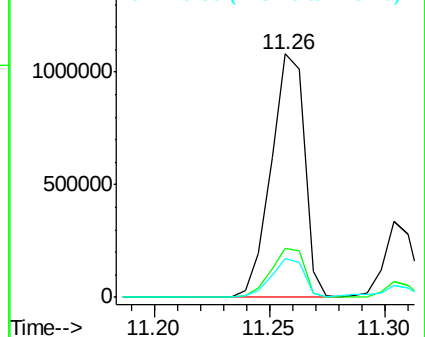
#70
 Phenanthrene
 Concen: 68.626 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.04 min
 Lab File: BF098263.D
 Acq: 2 Sep 2017 23:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1084741
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.9 12.6 19.0

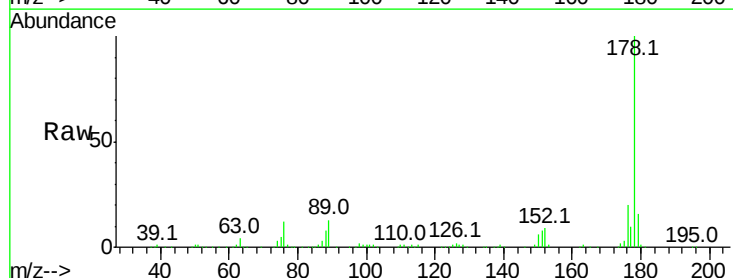


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

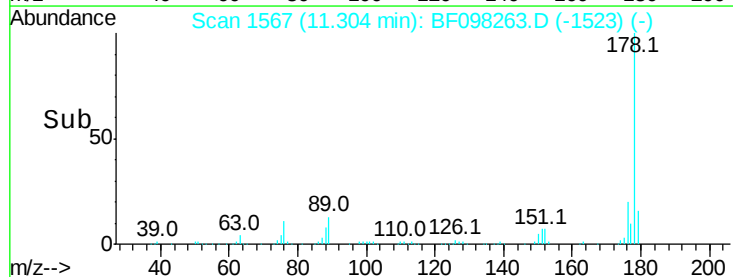
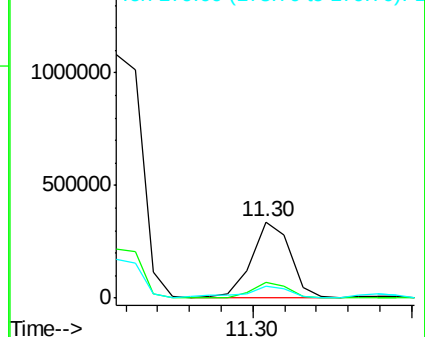


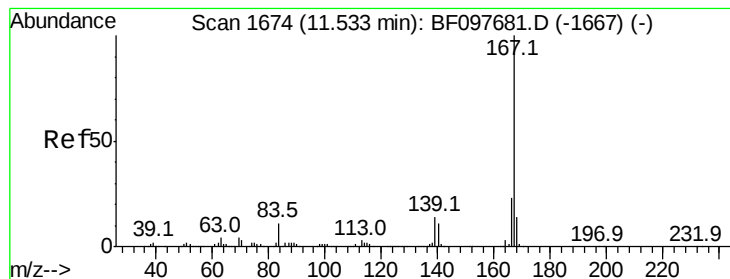
#71
 Anthracene
 Concen: 17.706 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.04 min
 Lab File: BF098263.D
 Acq: 2 Sep 2017 23:20

Tgt Ion:178 Resp: 283866
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.8 12.7 19.1



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: 4.923 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.04 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

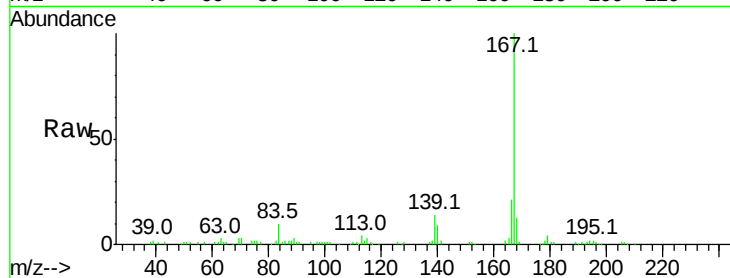
Tot Ion:167 Resp: 74913

Ion Ratio Lower Upper

167 100

166 21.1 18.1 27.1

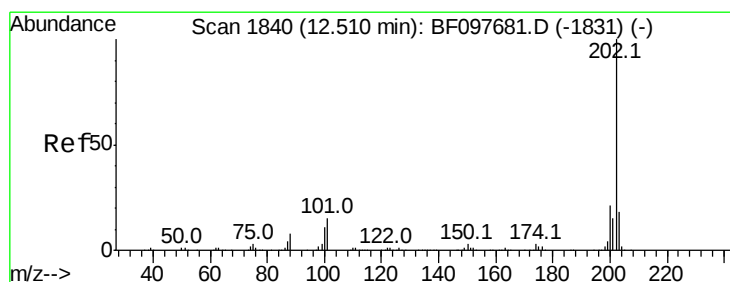
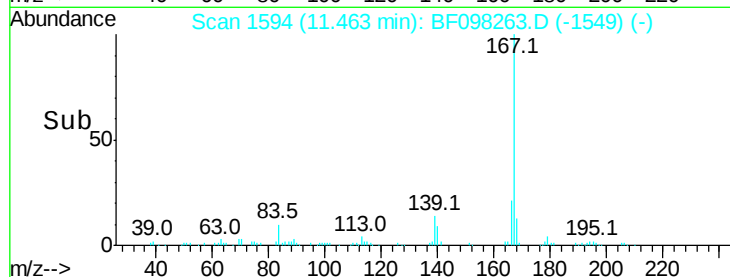
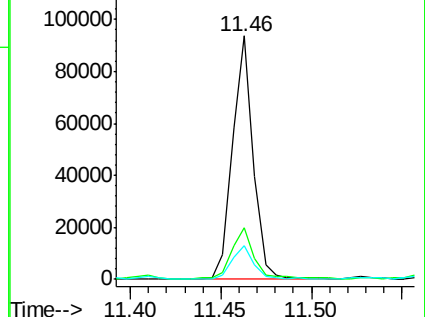
139 13.6 11.7 17.5



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: 65.561 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

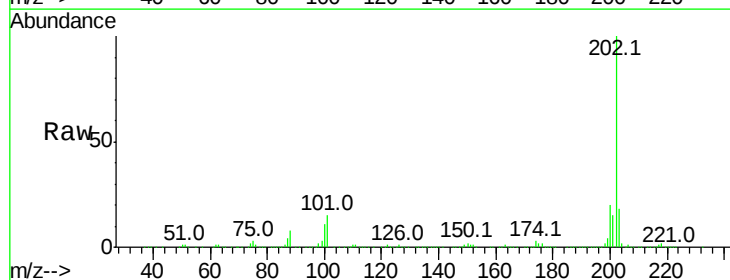
Tgt Ion:202 Resp: 1081655

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.2

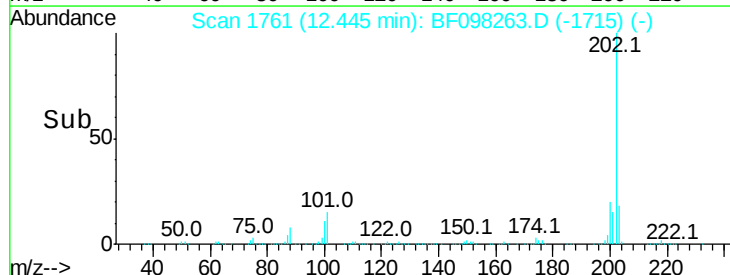
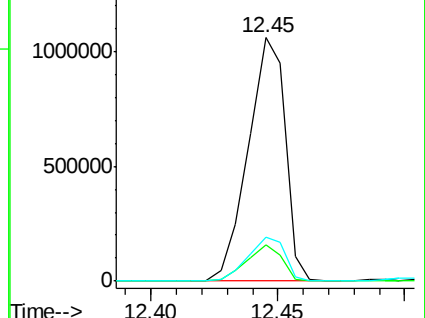
203 18.0 0.0 38.1

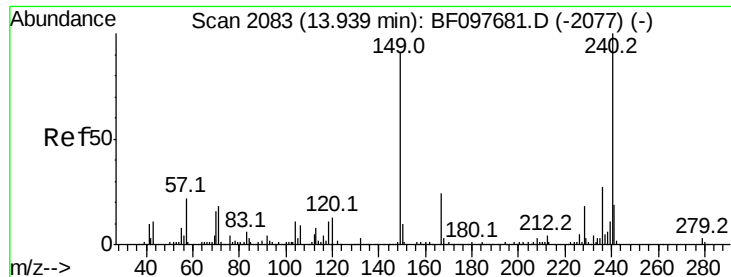


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

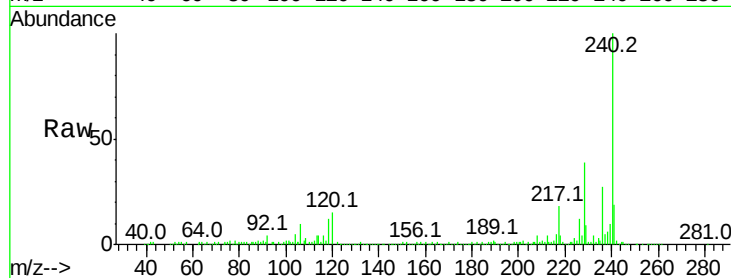
Tot Ion:240 Resp: 287566

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

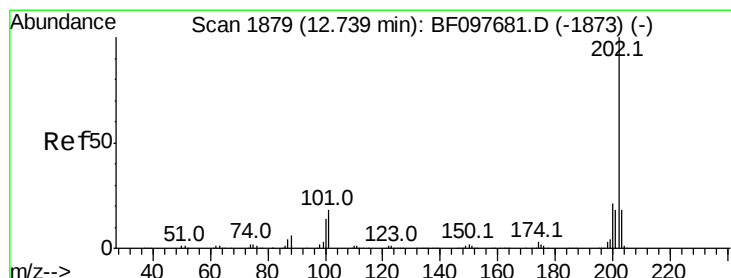
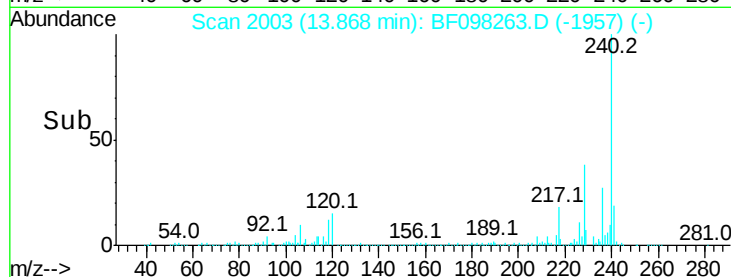
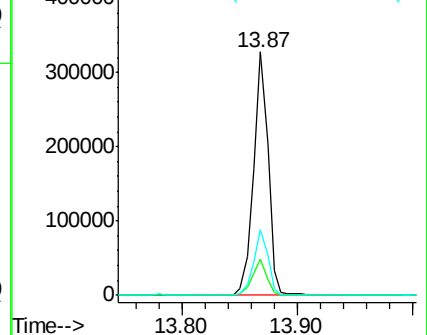
236 26.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 47.584 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

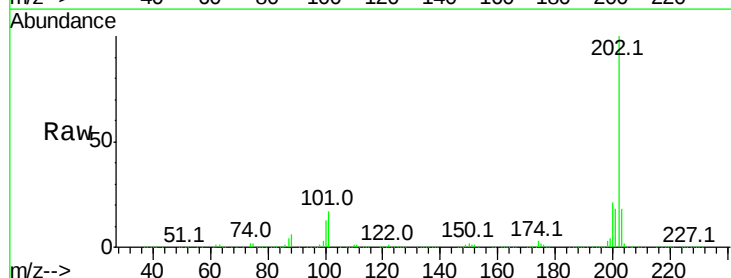
Tgt Ion:202 Resp: 1119146

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

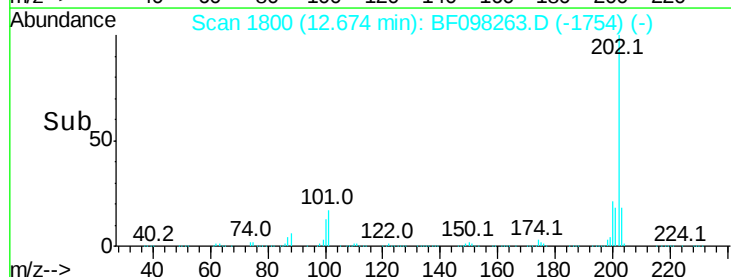
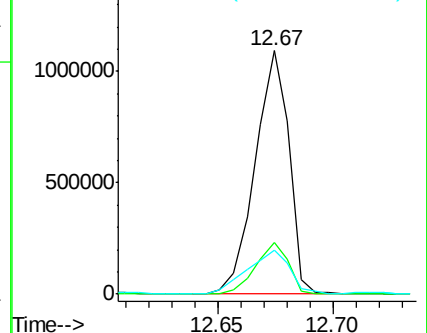
203 18.2 14.4 21.6

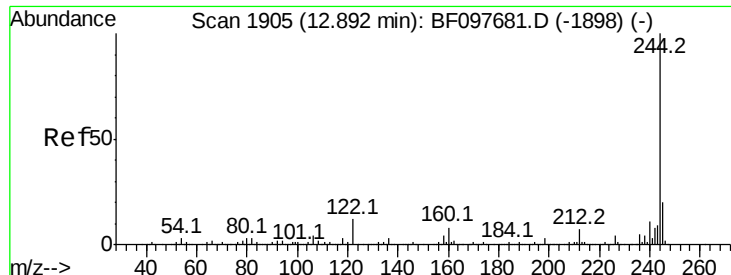


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 9.401 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.04 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

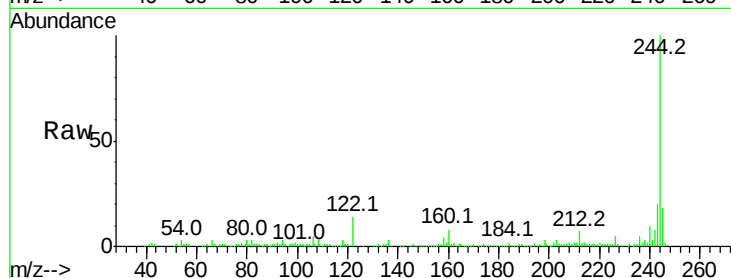
Tot Ion:244 Resp: 129634

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

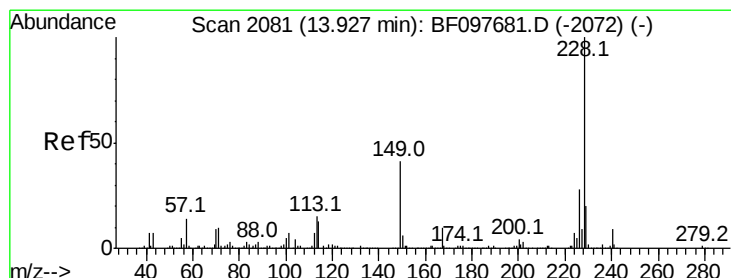
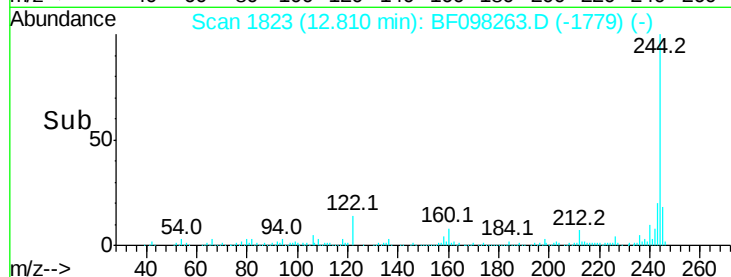
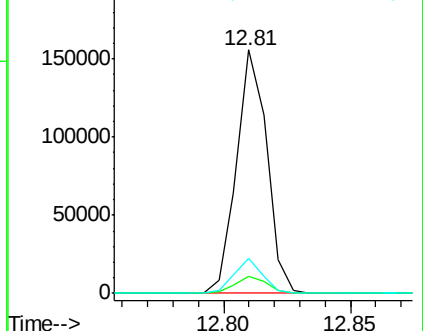
122 14.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 29.791 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.03 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

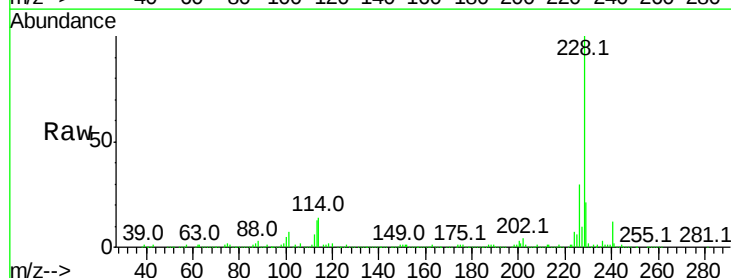
Tgt Ion:228 Resp: 513455

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

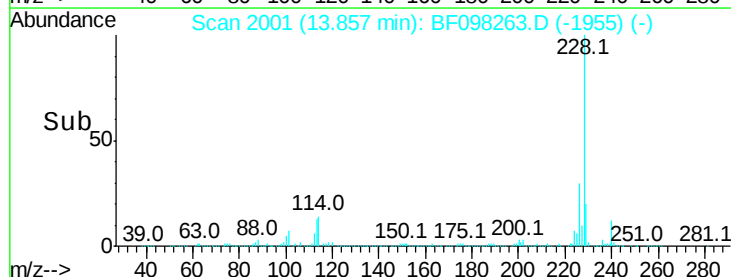
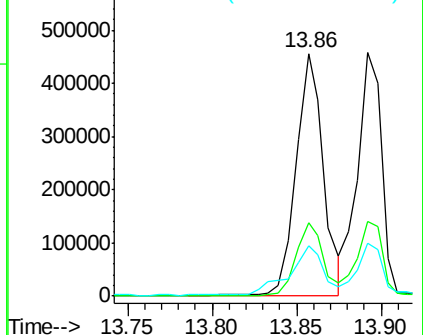
229 20.7 16.3 24.5

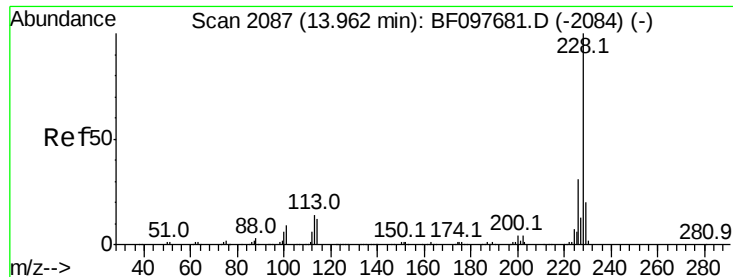


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 26.354 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.04 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

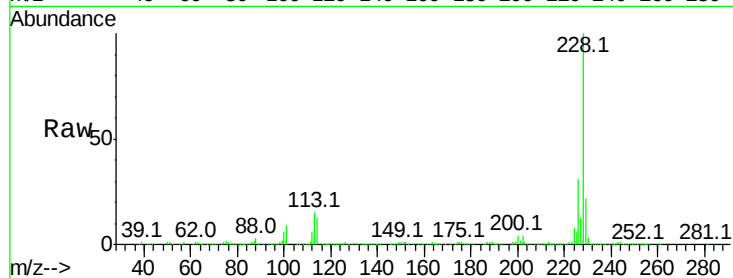
Tot Ion:228 Resp: 451840

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

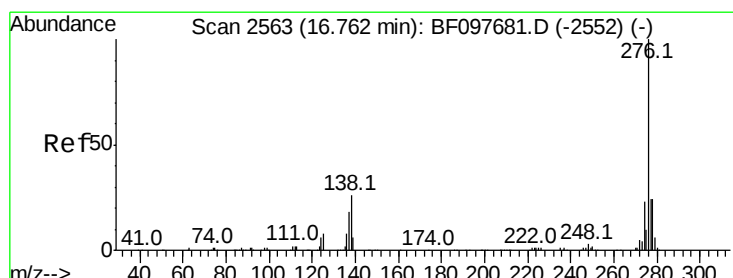
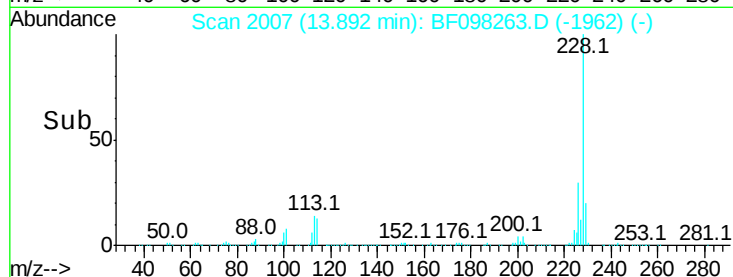
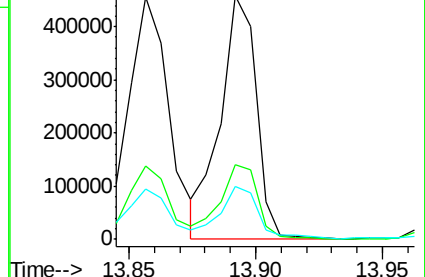
229 21.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 11.829 ng

RT: 16.64 min Scan# 2475

Delta R.T. -0.04 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

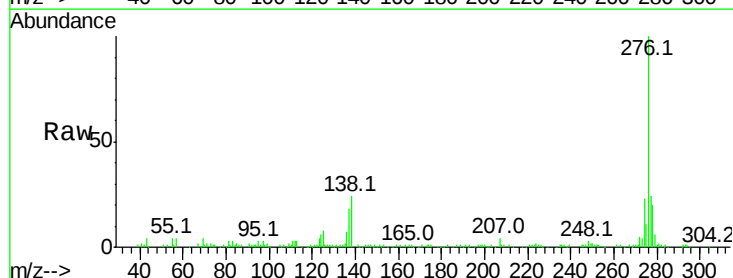
Tgt Ion:276 Resp: 149187

Ion Ratio Lower Upper

276 100

138 25.2 27.8 41.6#

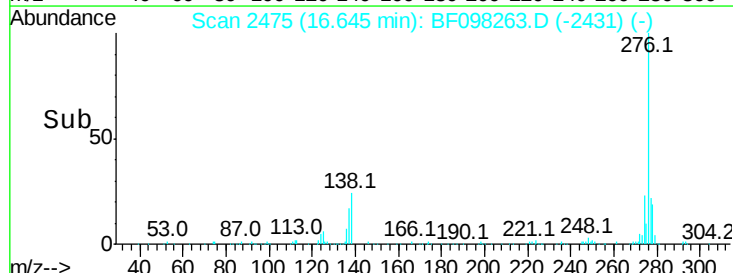
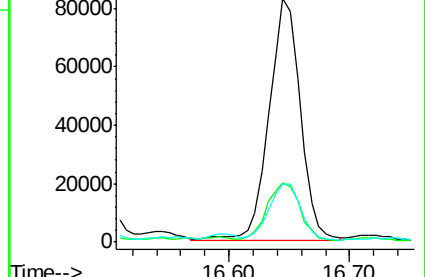
277 23.6 20.2 30.4

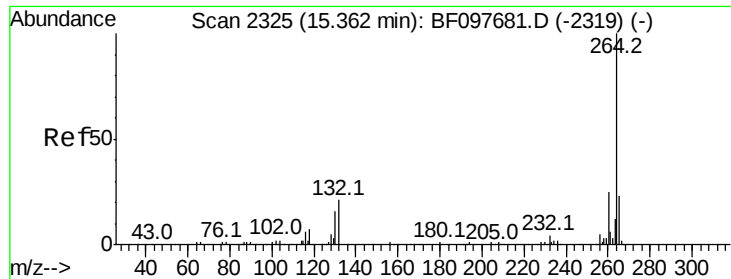


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

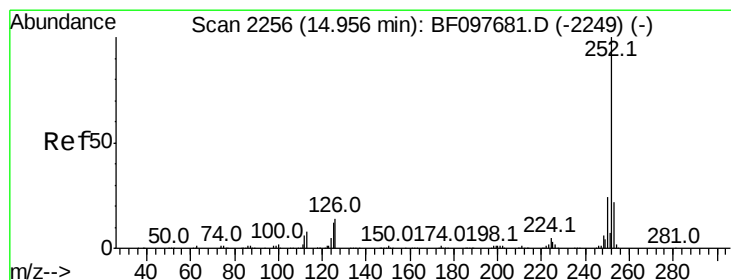
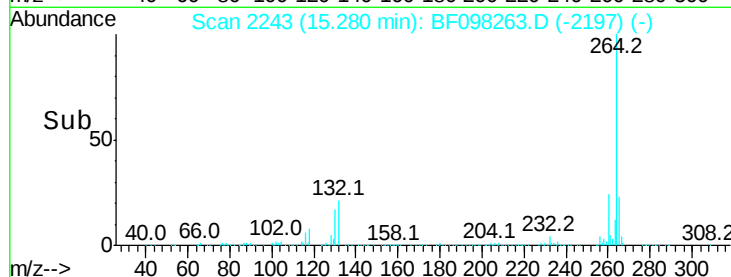
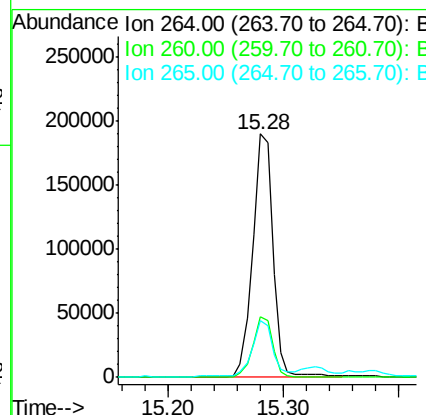
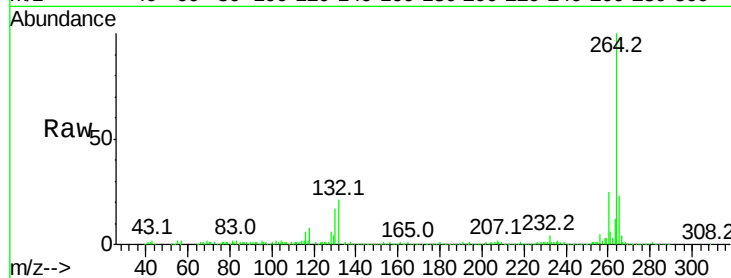




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

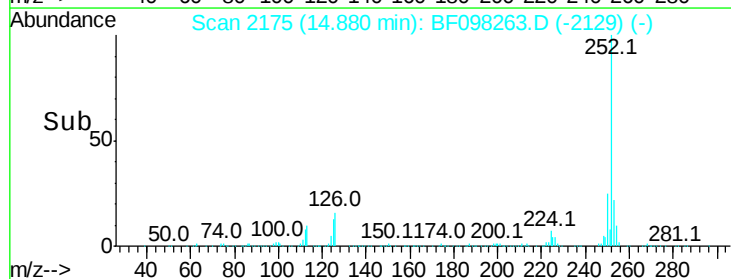
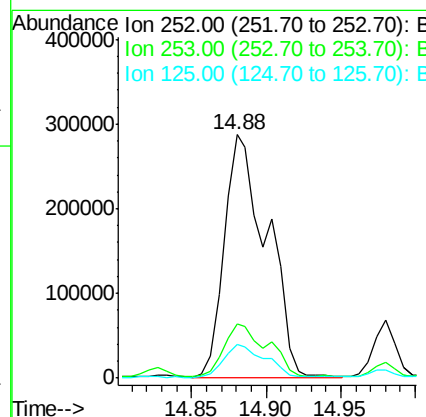
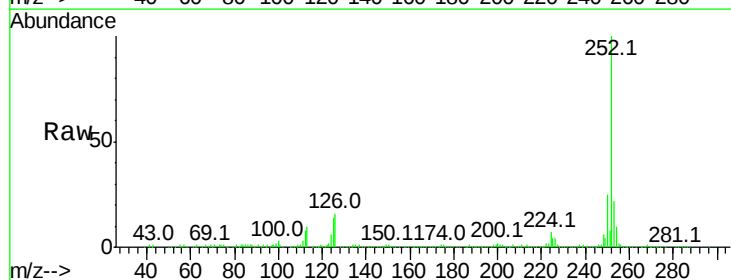
Instrument :
BNA_F
ClientSampled :

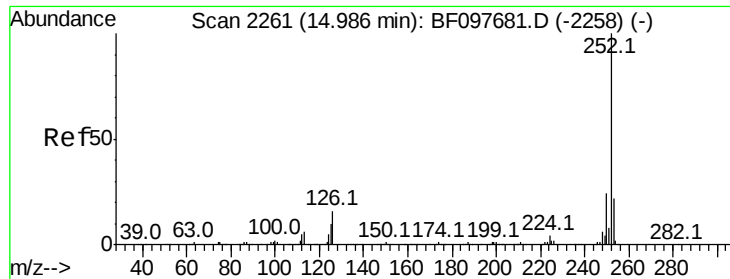
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.1	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 38.486 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.03 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.8	9.8	14.8

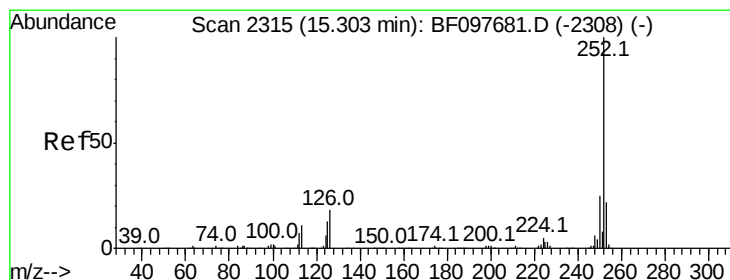
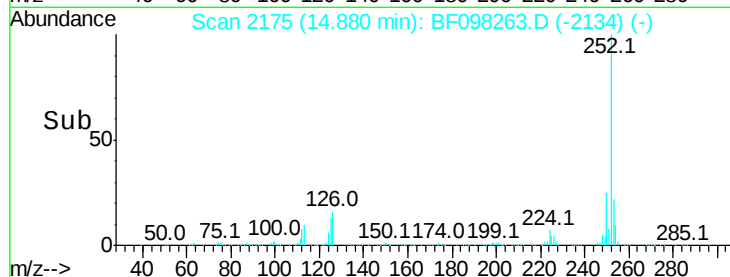
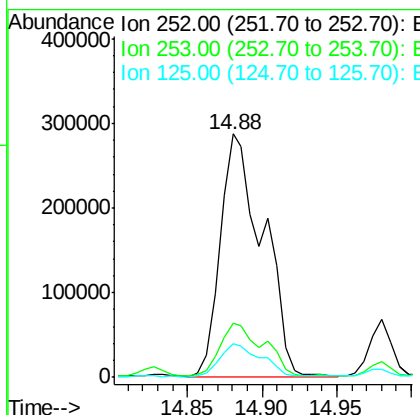
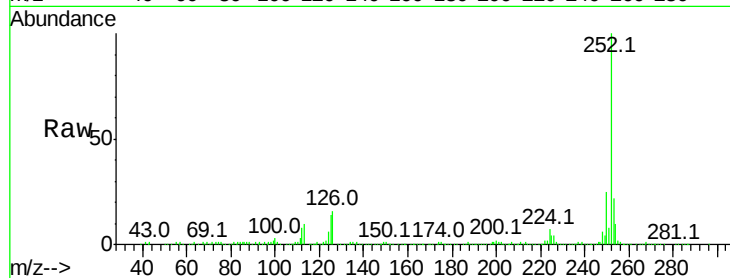




#88
Benzo(k)fluoranthene
Concen: 40.964 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.06 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

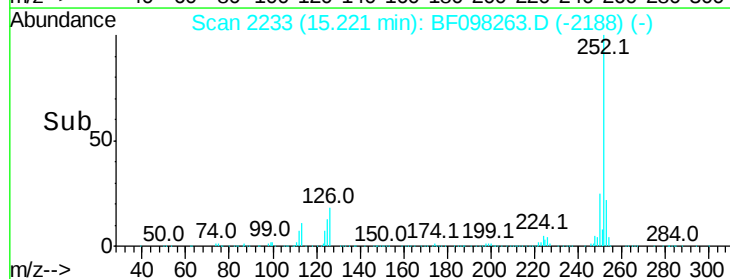
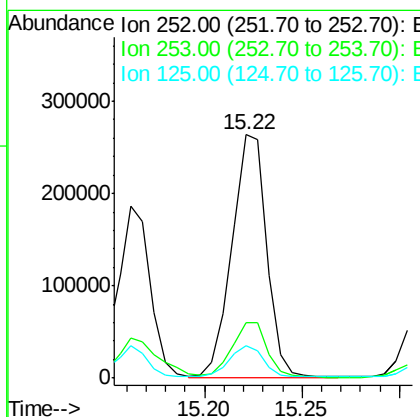
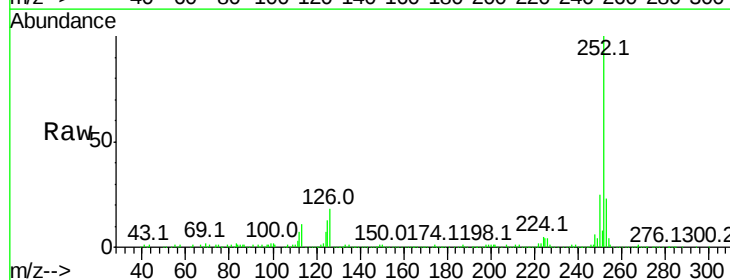
Instrument :
BNA_F
ClientSampleId :

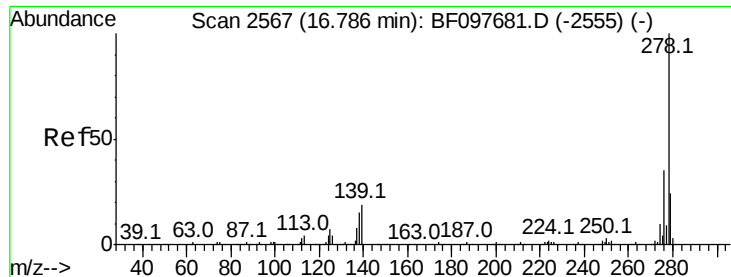
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.8	13.1	19.7



#89
Benzo(a)pyrene
Concen: 24.790 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF098263.D
Acq: 2 Sep 2017 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	13.4	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 3.440 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.05 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

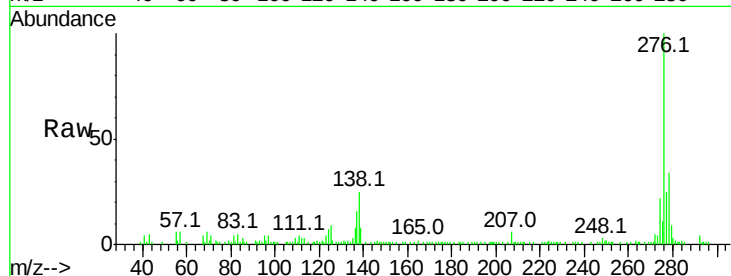
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 36644

Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	28.0	19.3	28.9

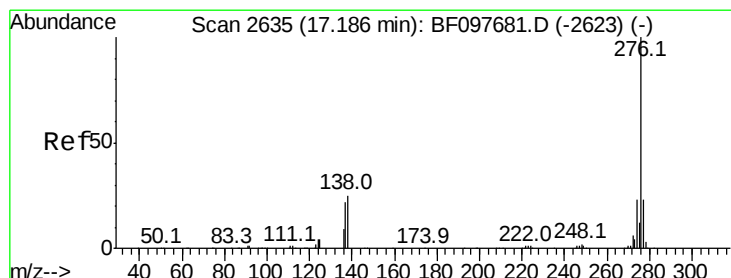
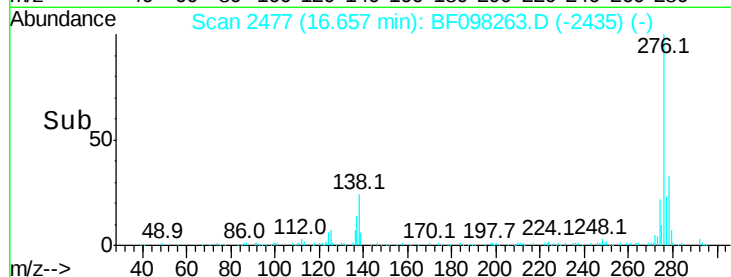
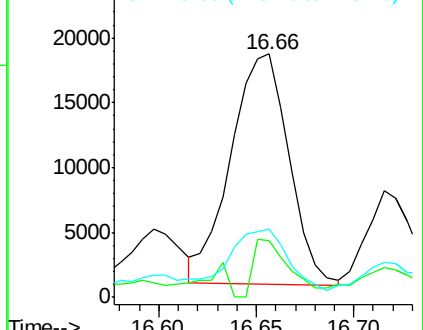


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 12.378 ng

RT: 17.06 min Scan# 2545

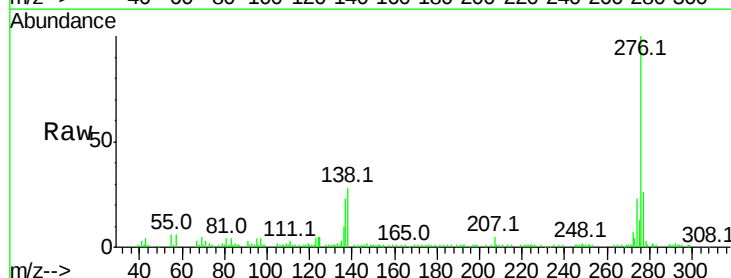
Delta R.T. -0.05 min

Lab File: BF098263.D

Acq: 2 Sep 2017 23:20

Tgt Ion:276 Resp: 137579

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	28.4	25.4	38.0



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

