

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100534.D
 Acq On : 14 Nov 2017 9:26
 Operator : SJ/JU
 Sample : I6409-01DL 2X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 10:29:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 02:37:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	137286	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	507250	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	192359	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	285773	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	270262	20.00	ng	-0.02
86) Perylene-d12	15.53	264	210431	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	405803	47.38	ng	0.00
7) Phenol-d6	6.51	99	502226	47.55	ng	-0.01
23) Nitrobenzene-d5	7.45	82	294364	38.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.71	330	82707	42.19	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	399738	31.64	ng	-0.02
78) Terphenyl-d14	12.99	244	231487	19.68	ng	-0.02

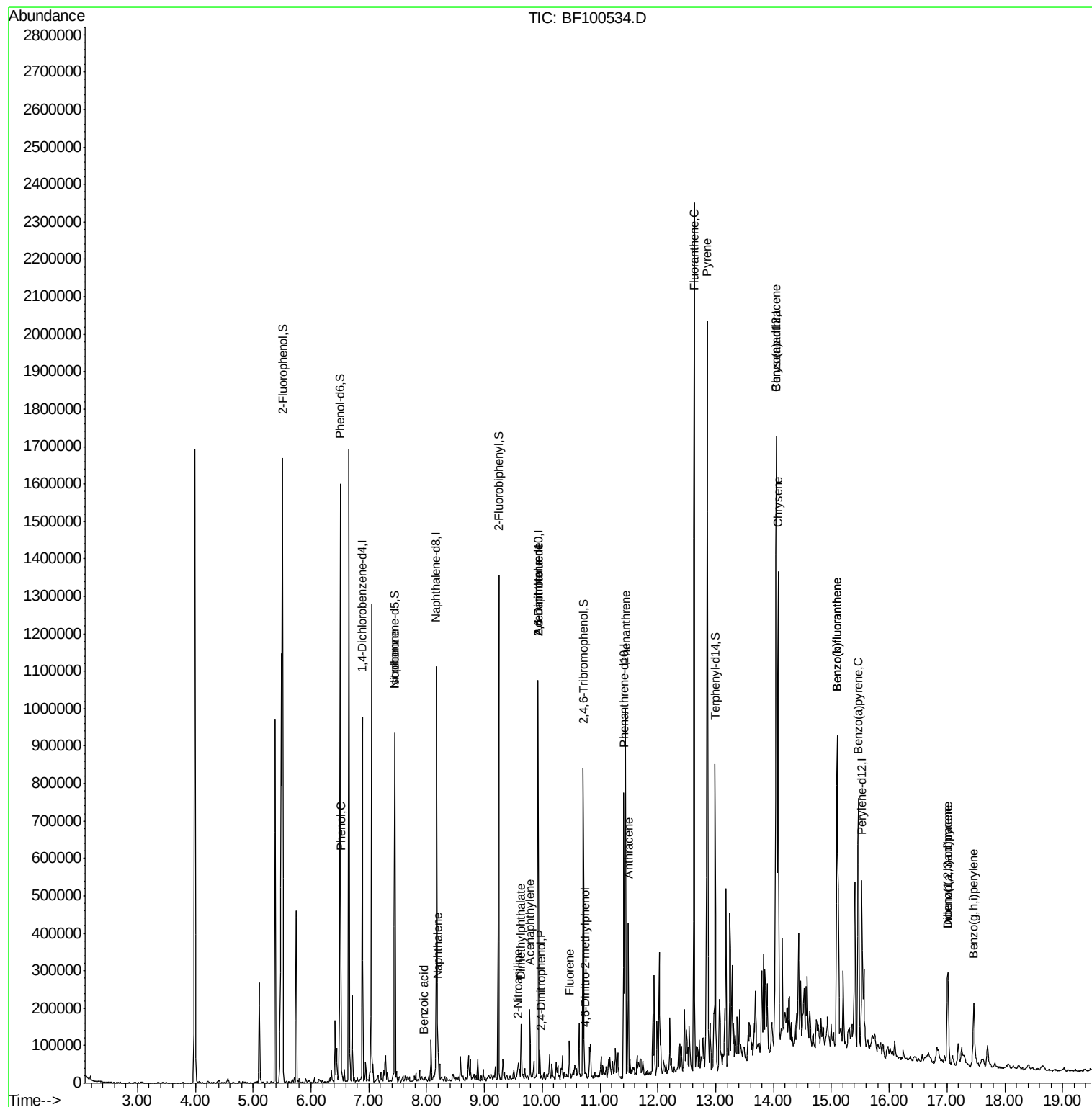
Target Compounds				Qvalue		
10) Phenol	6.52	94	24493	2.209	ng	97
25) Isophorone	7.45	82	294360	18.257	ng	# 64
31) Naphthalene	8.19	128	50581	2.070	ng	99
32) Benzoic acid	7.95	122	477	9.440	ng	# 29
47) 2-Nitroaniline	9.59	65	263	2.853	ng	# 2
48) Acenaphthylene	9.79	152	65171	3.258	ng	99
49) Dimethylphthalate	9.63	163	37254	2.537	ng	# 98
50) 2,6-Dinitrotoluene	9.93	165	25796	8.873	ng	# 26
53) 2,4-Dinitrophenol	9.99	184	276	8.115	ng	# 1
56) 2,4-Dinitrotoluene	9.93	165	25796	7.034	ng	# 23
57) Fluorene	10.47	166	26255	2.102	ng	# 94
64) 4,6-Dinitro-2-methylphenol	10.74	198	423	8.811	ng	86
70) Phenanthrene	11.44	178	378503	25.156	ng	99
71) Anthracene	11.49	178	137107	8.982	ng	100
74) Fluoranthene	12.63	202	917316	57.525	ng	98
77) Pyrene	12.86	202	847045	43.967	ng	100
80) Benzo(a)anthracene	14.04	228	565004	34.716	ng	96
82) Chrysene	14.08	228	488961	31.025	ng	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	156383	12.268	ng	# 91
87) Benzo(b)fluoranthene	15.10	252	663917	53.254	ng	99
88) Benzo(k)fluoranthene	15.10	252	663917	56.362	ng	98
89) Benzo(a)pyrene	15.47	252	324679	29.376	ng	98
90) Dibenzo(a,h)anthracene	17.02	278	42468	4.698	ng	93
91) Benzo(g,h,i)perylene	17.47	276	138635	15.669	ng	# 93

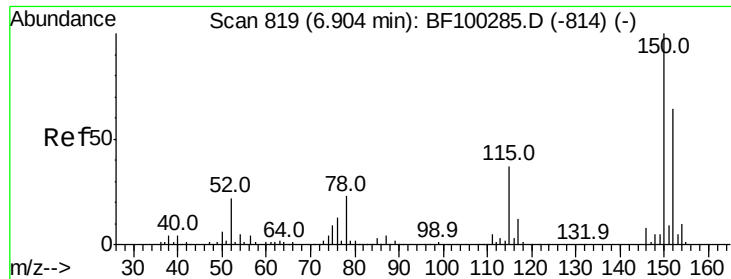
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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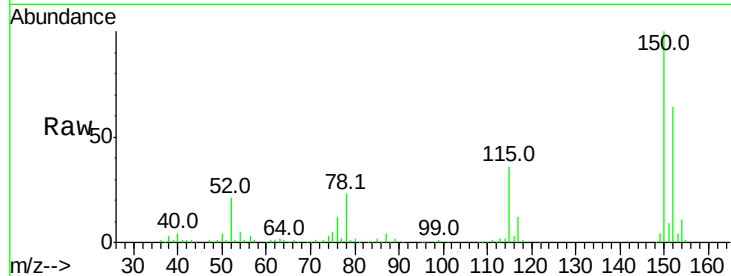


#1

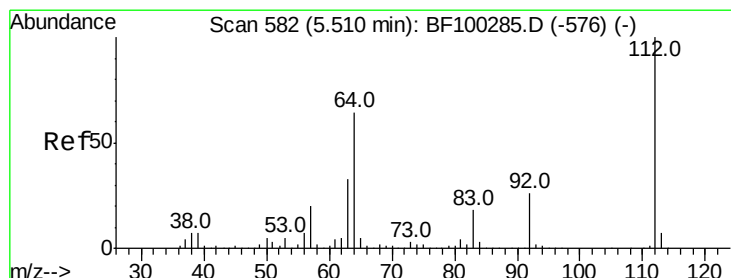
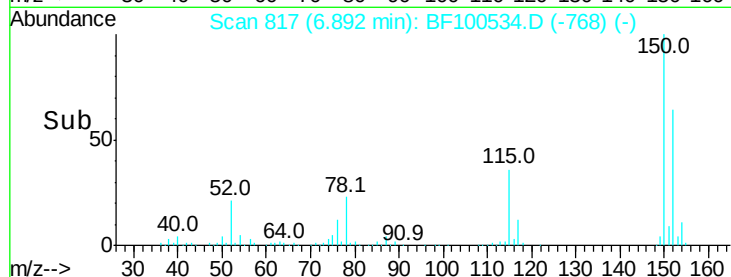
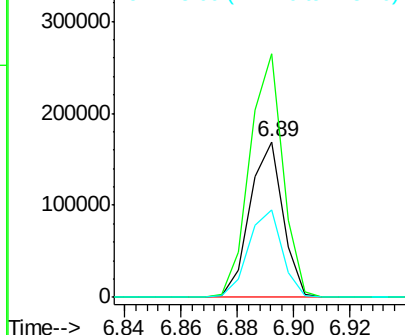
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137286
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 56.6 50.1 75.1



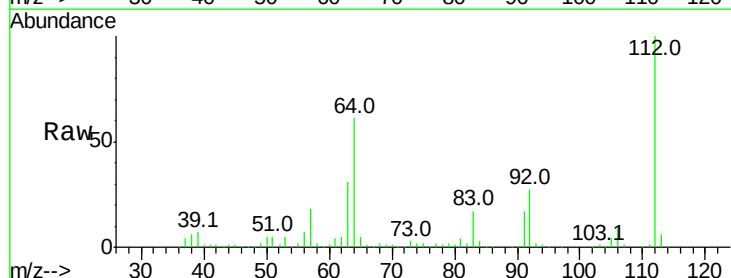
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



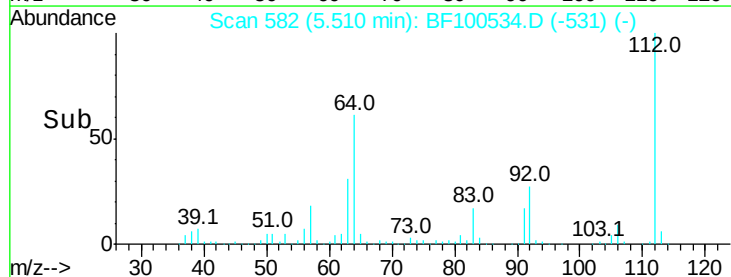
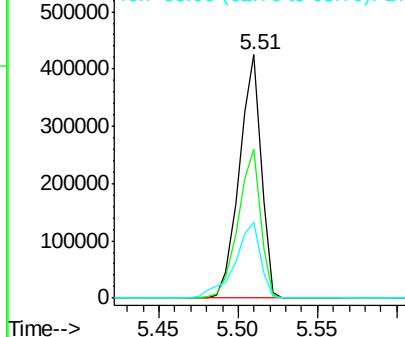
#5

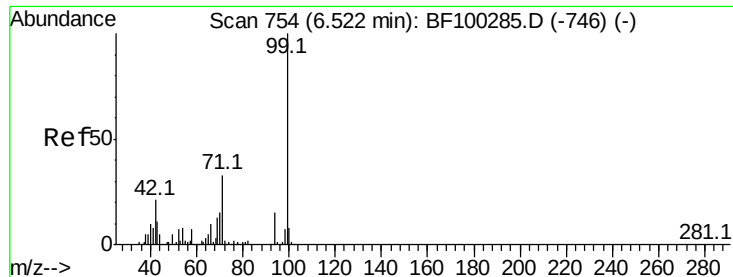
2-Fluorophenol
Concen: 47.383 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:112 Resp: 405803
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 47.555 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

Instrument :

BNA_F

ClientSampleId :

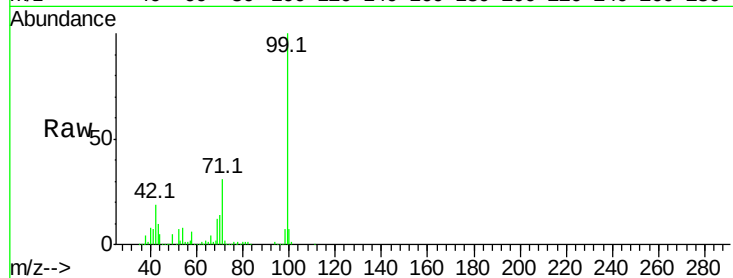
Tot Ion: 99 Resp: 502226

Ion Ratio Lower Upper

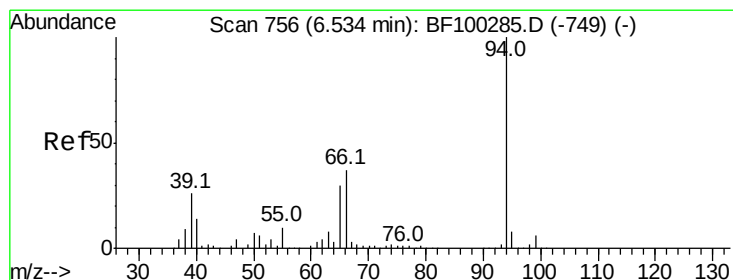
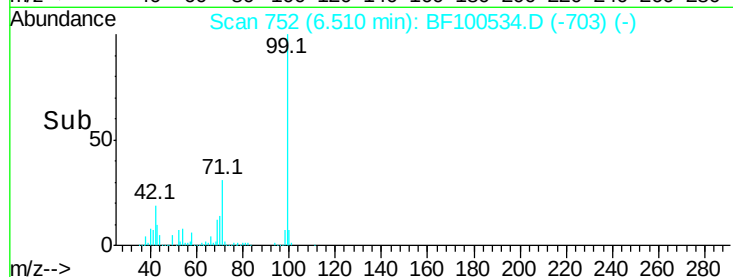
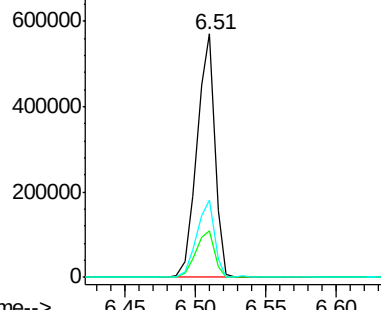
99 100

42 19.3 14.5 21.7

71 31.5 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



#10

Phenol

Concen: 2.209 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

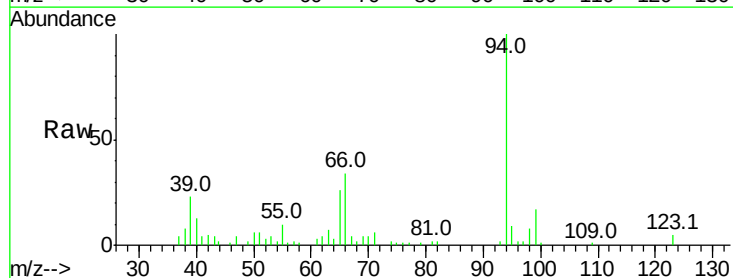
Tgt Ion: 94 Resp: 24493

Ion Ratio Lower Upper

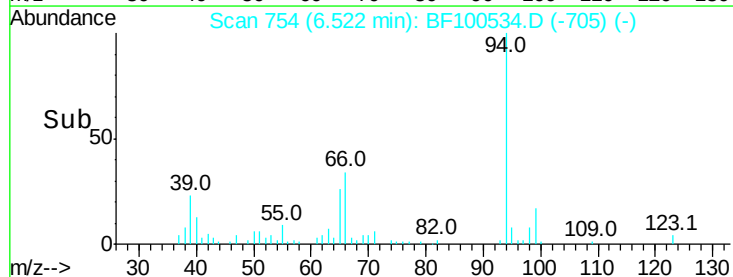
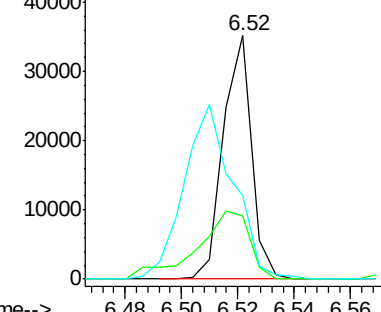
94 100

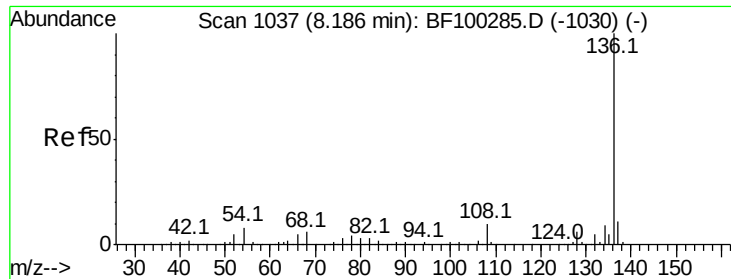
65 25.9 7.9 47.9

66 34.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

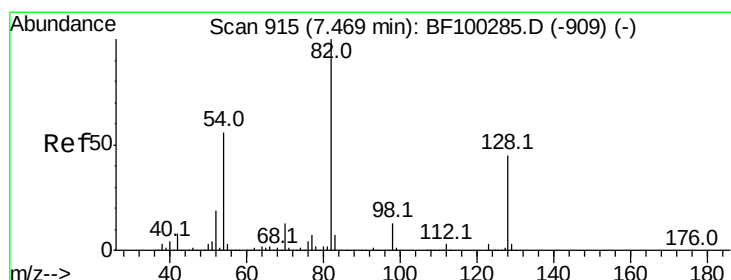
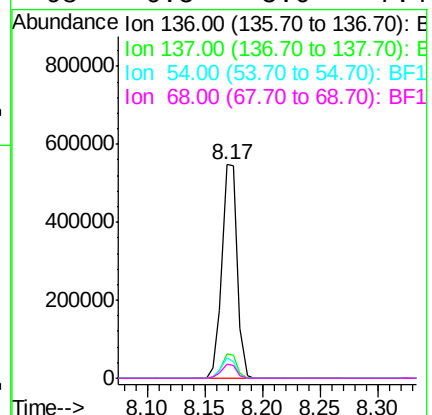
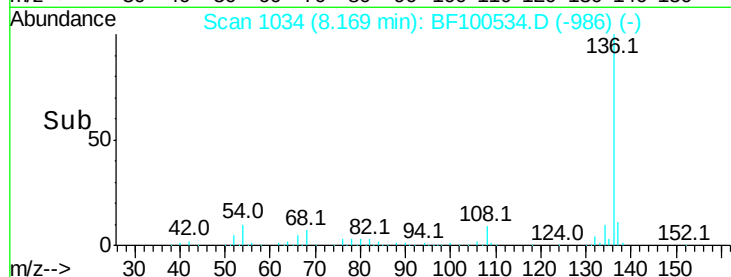
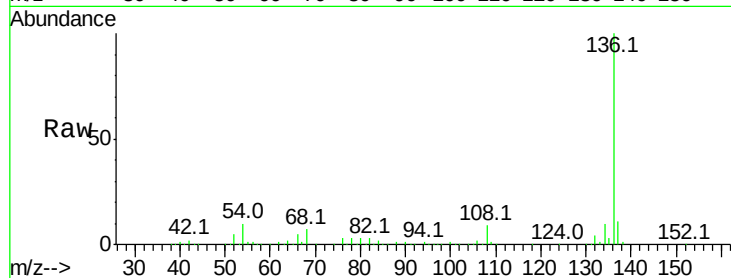




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

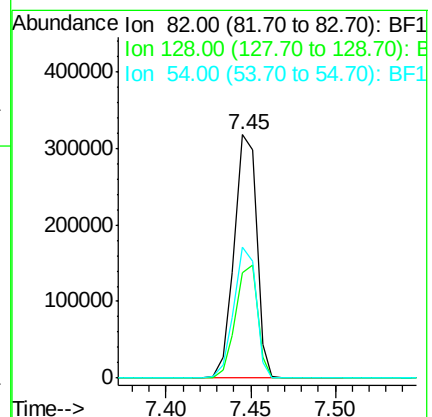
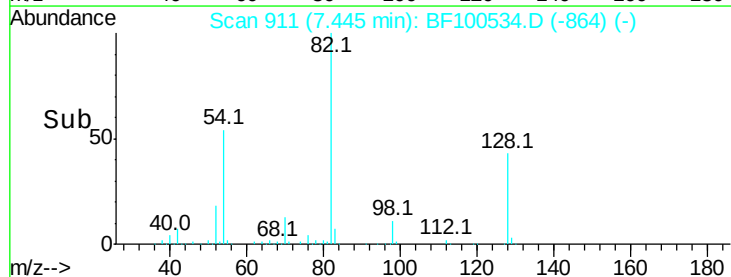
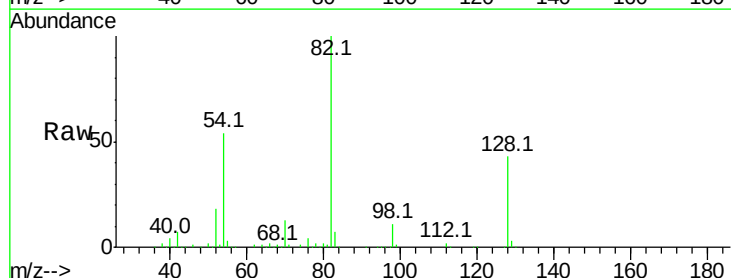
Instrument :
BNA_F
ClientSampleId :

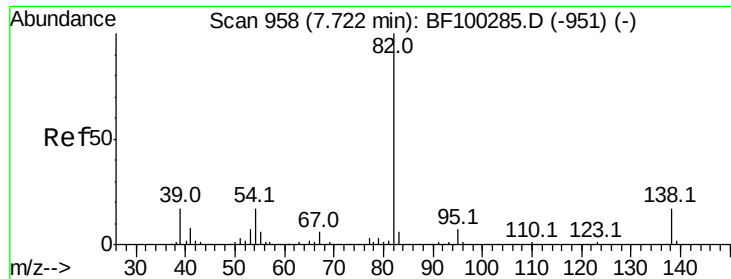
Tot Ion:	136	Resp:	507250
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 38.366 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:	82	Resp:	294364
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	53.8	41.4	62.2





#25

Isophorone

Concen: 18.257 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.28 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

Instrument :

BNA_F

ClientSampleId :

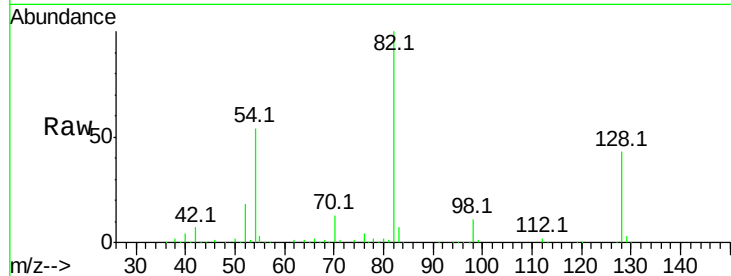
Tot Ion: 82 Resp: 294360

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

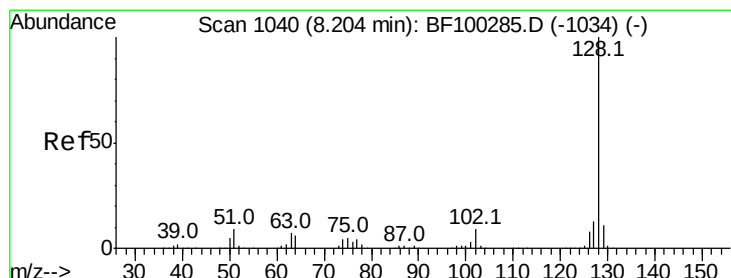
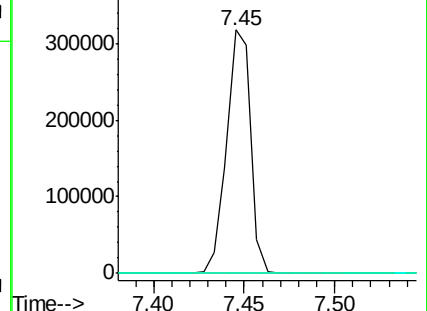
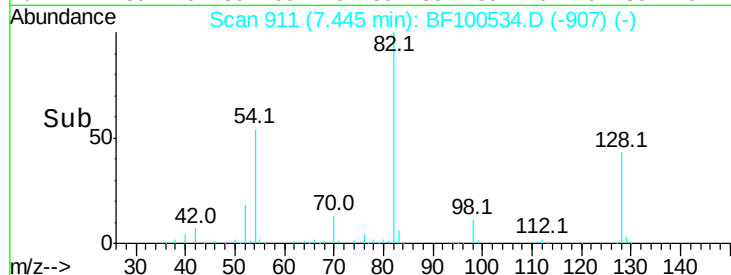
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 2.070 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

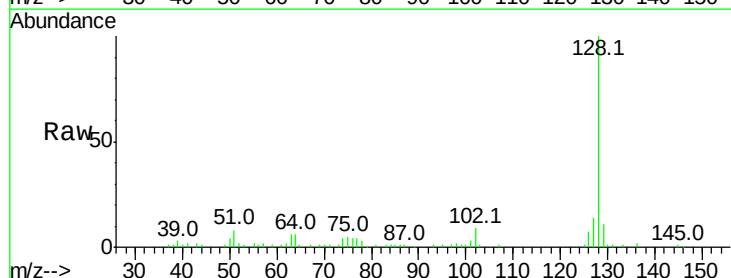
Tgt Ion: 128 Resp: 50581

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

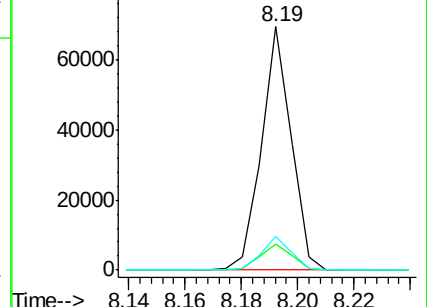
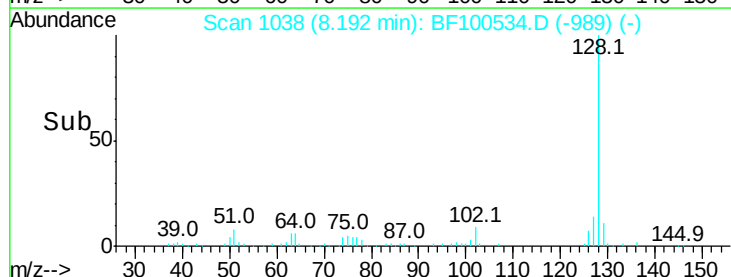
127 13.9 10.9 16.3

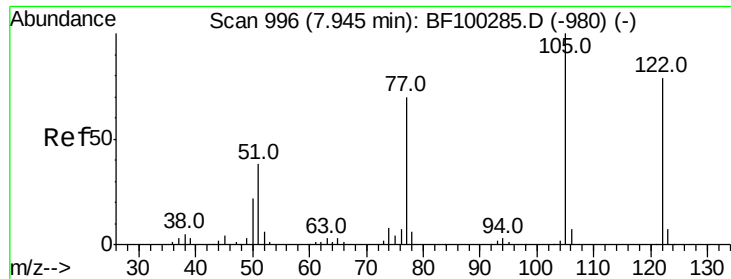


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

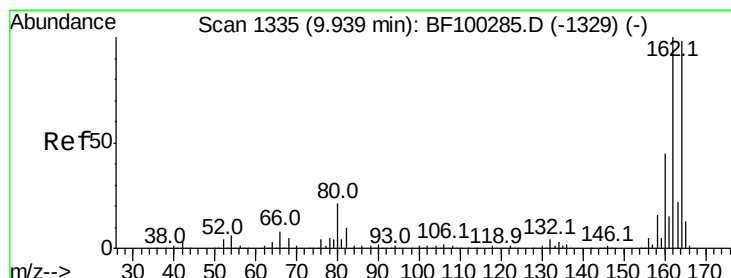
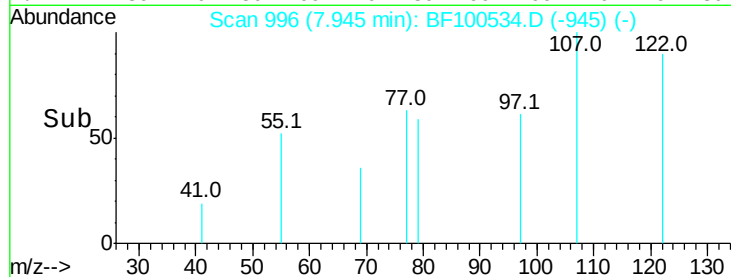
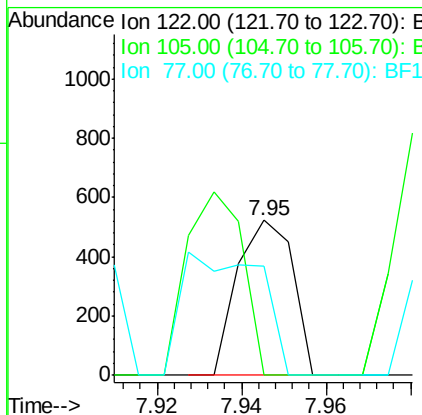
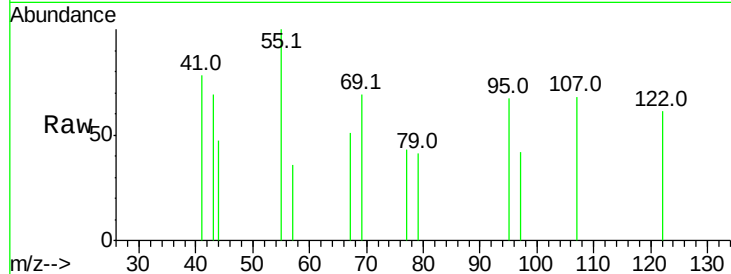




#32
Benzoic acid
Concen: 9.440 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

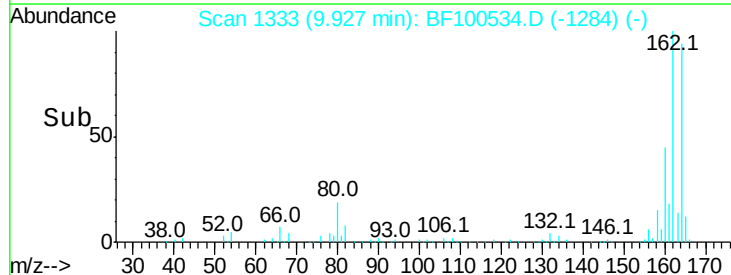
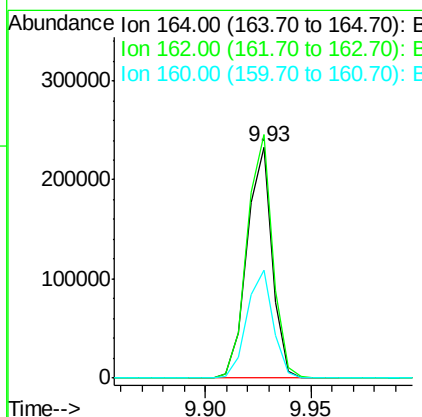
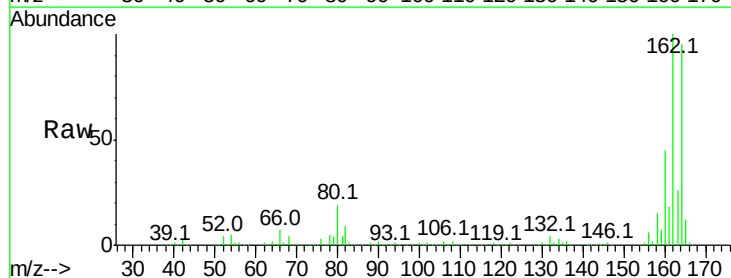
Instrument :
BNA_F
ClientSampleId :

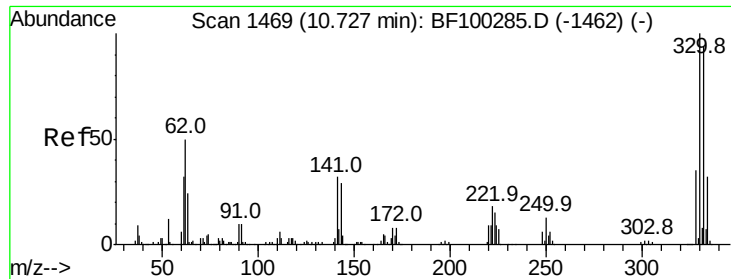
Tot Ion:122 Resp: 477
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 70.4 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:164 Resp: 192359
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 46.9 38.3 57.5

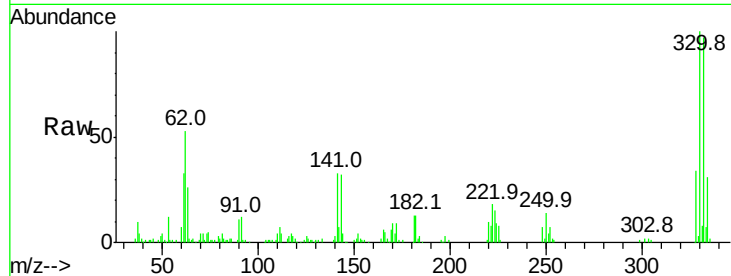




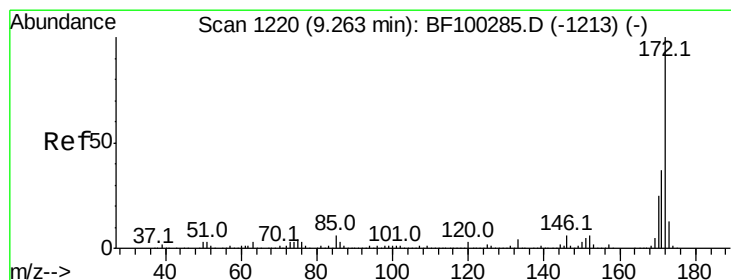
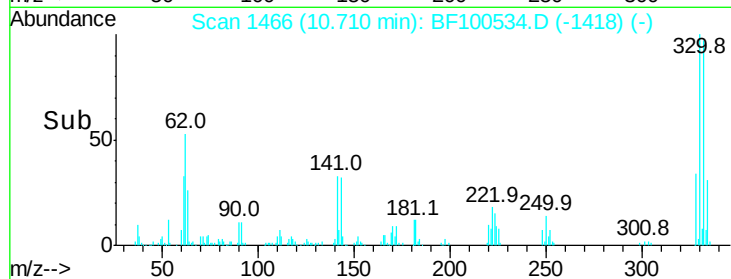
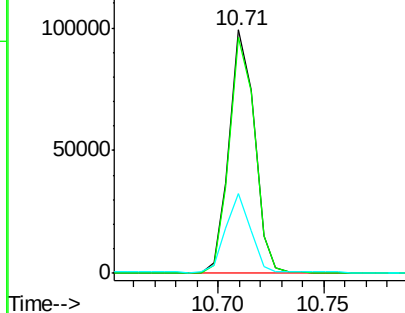
#41
 2,4,6-Tribromophenol
 Concen: 42.194 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BF100534.D
 Acq: 14 Nov 2017 9:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 82707
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 31.1 29.9 44.9

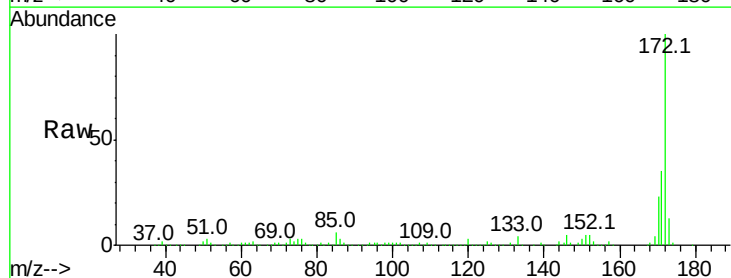


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

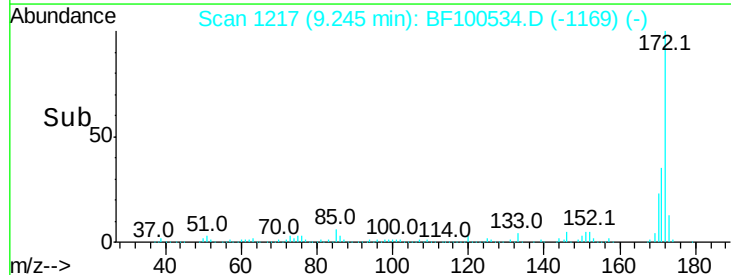
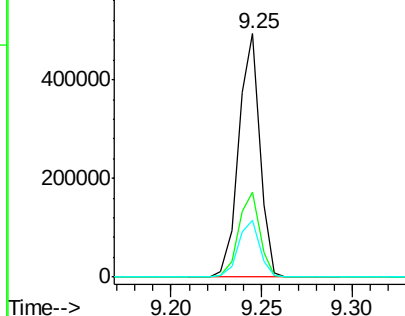


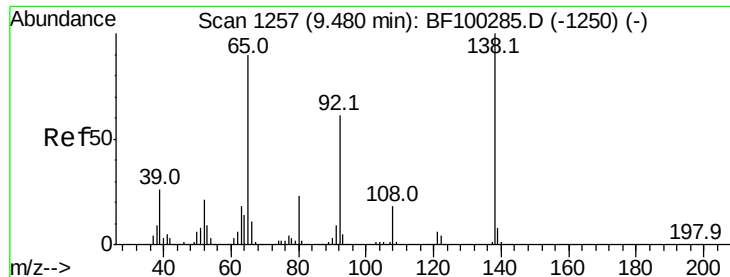
#44
 2-Fluorobiphenyl
 Concen: 31.643 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF100534.D
 Acq: 14 Nov 2017 9:26

Tgt Ion:172 Resp: 399738
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.3 19.6 29.4



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





#47

2-Nitroaniline

Concen: 2.853 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.11 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

Instrument :

BNA_F

ClientSampled :

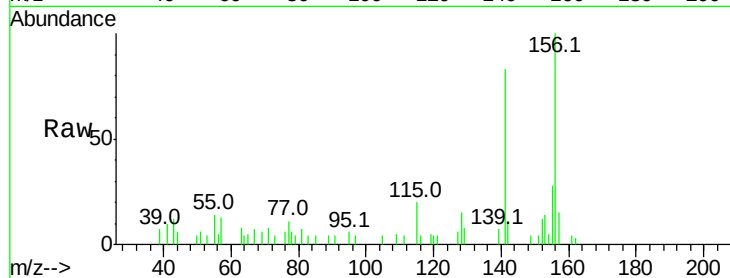
Tot Ion: 65 Resp: 263

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

138 0.0 91.2 136.8#

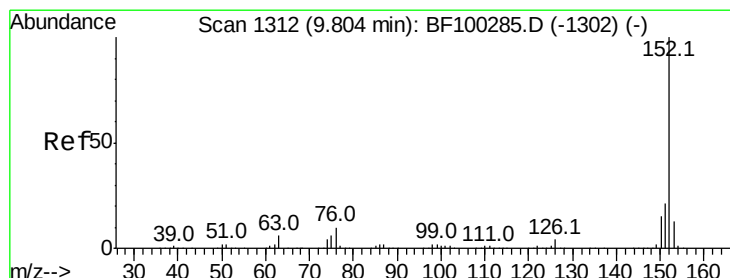
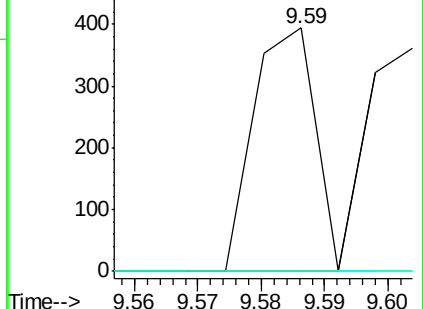
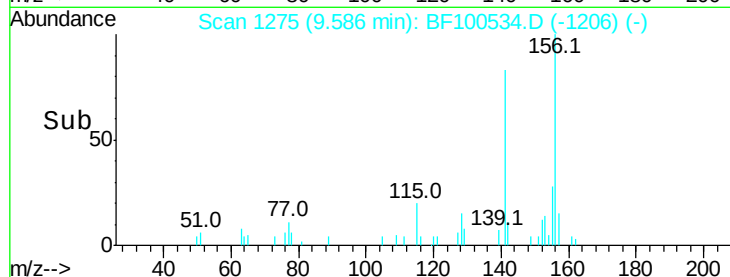


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#48

Acenaphthylene

Concen: 3.258 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

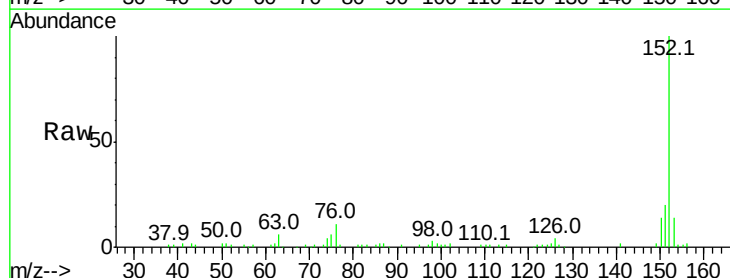
Tgt Ion: 152 Resp: 65171

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 14.1 10.7 16.1

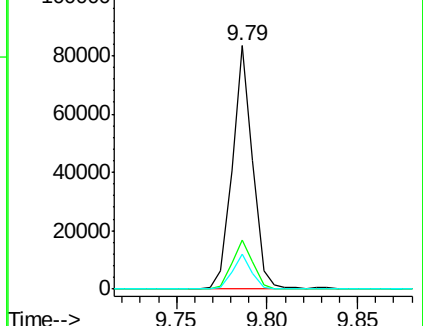
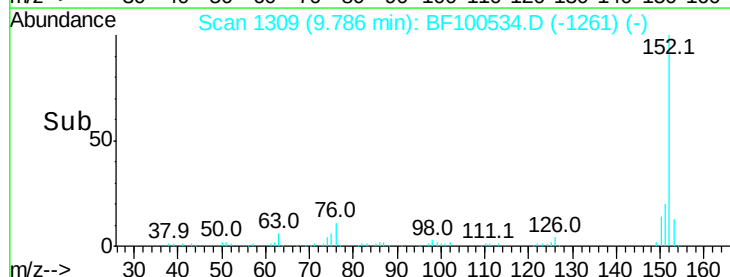


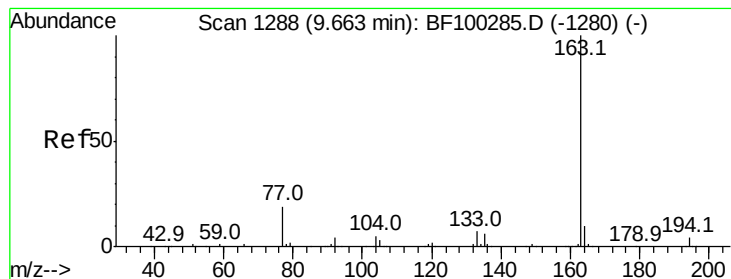
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->





#49

Dimethylphthalate

Concen: 2.537 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

Instrument :

BNA_F

ClientSampleId :

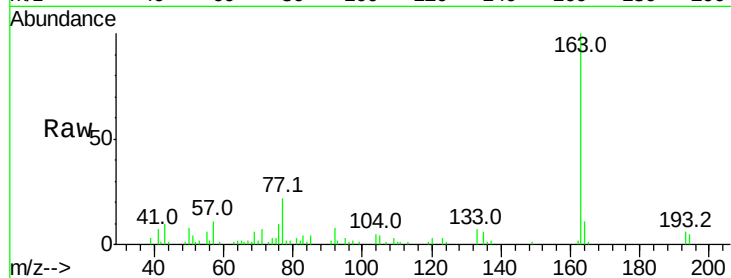
Tot Ion:163 Resp: 37254

Ion Ratio Lower Upper

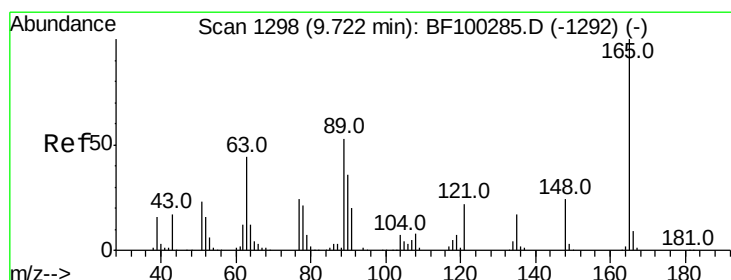
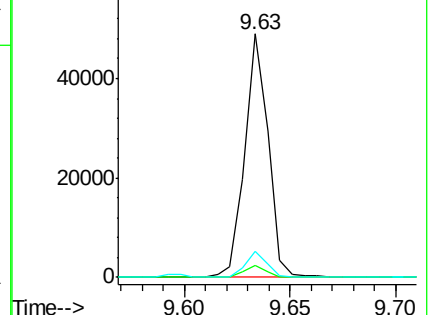
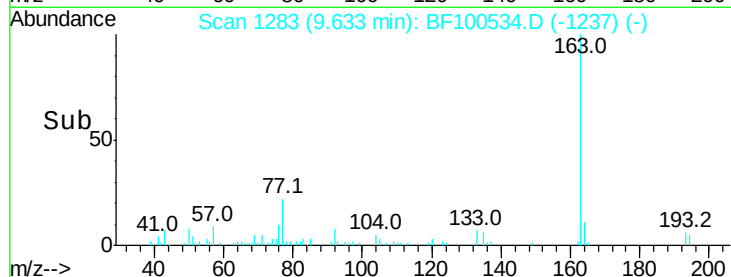
163 100

194 5.1 2.7 4.1#

164 10.7 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.873 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.21 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

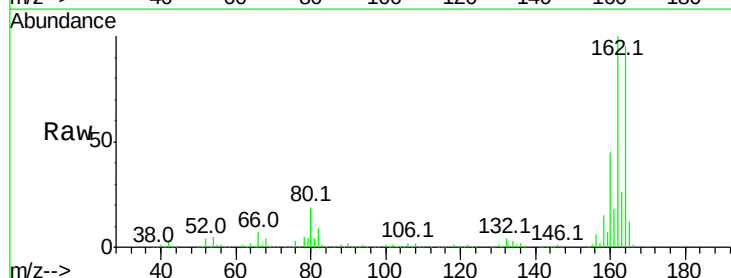
Tgt Ion:165 Resp: 25796

Ion Ratio Lower Upper

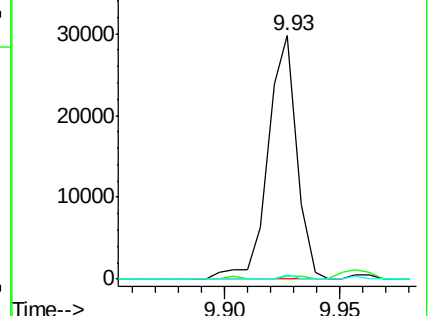
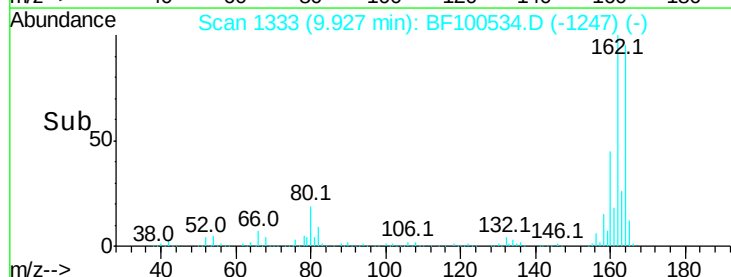
165 100

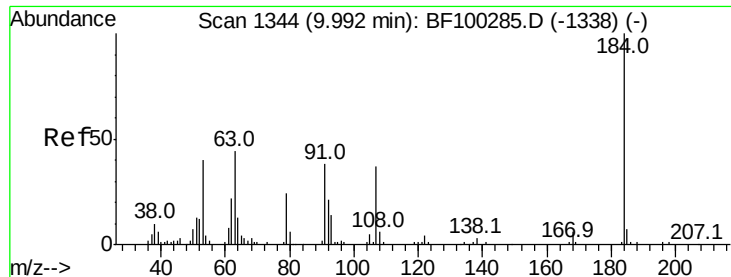
63 1.2 44.7 67.1#

89 1.6 44.0 66.0#



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

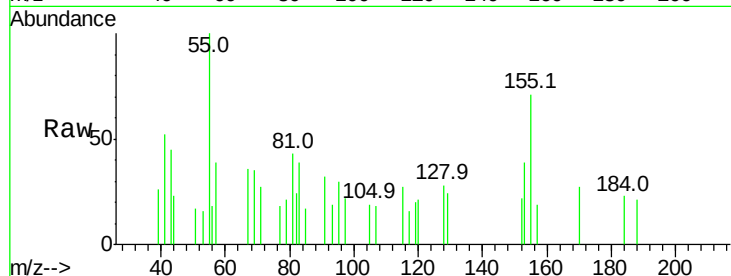




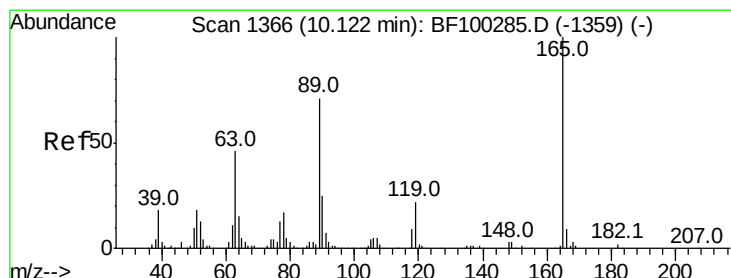
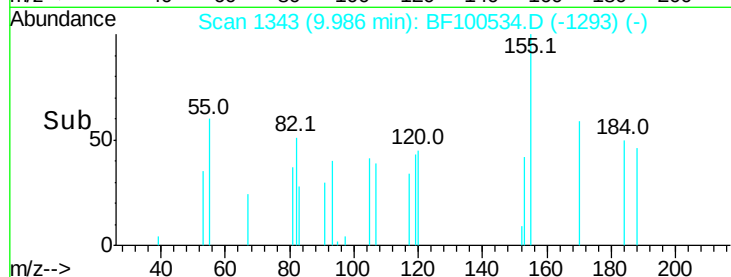
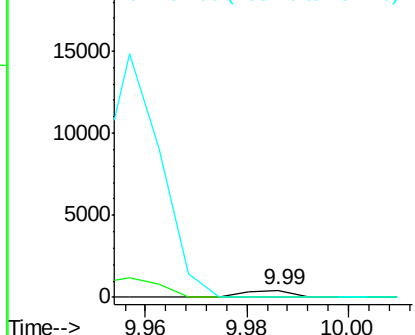
#53
2,4-Dinitrophenol
Concen: 8.115 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 276
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#

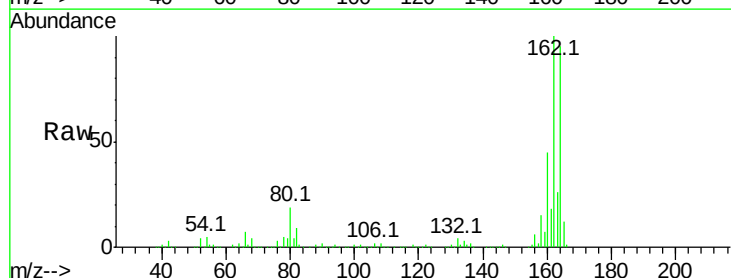


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

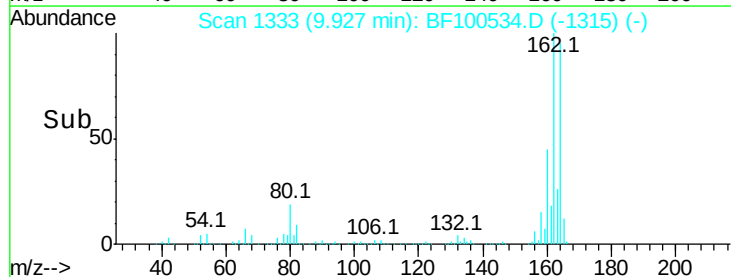
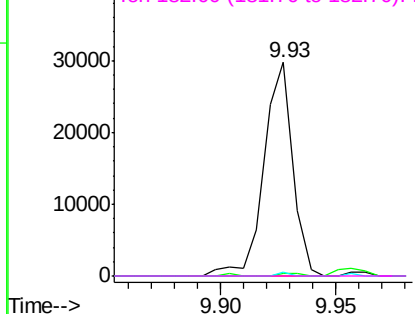


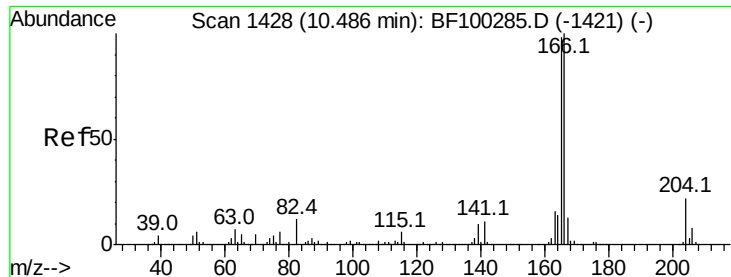
#56
2,4-Dinitrotoluene
Concen: 7.034 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:165 Resp: 25796
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#



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





#57

Fluorene

Concen: 2.102 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

Instrument :

BNA_F

ClientSampleId :

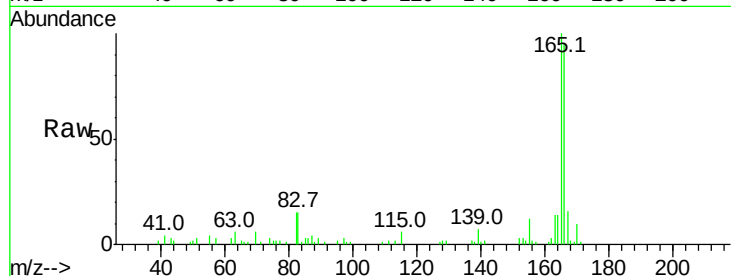
Tot Ion:166 Resp: 26255

Ion Ratio Lower Upper

166 100

165 105.0 79.8 119.8

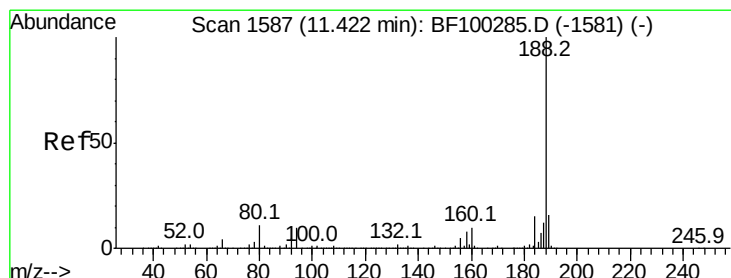
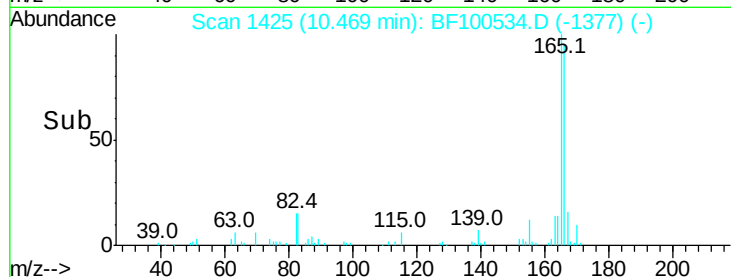
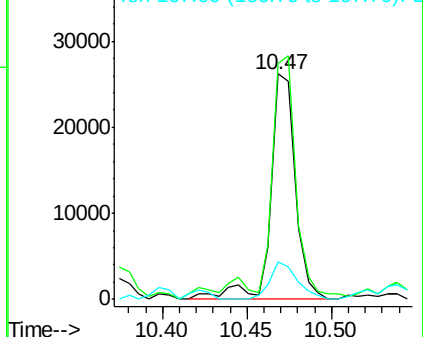
167 16.7 10.6 16.0#



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

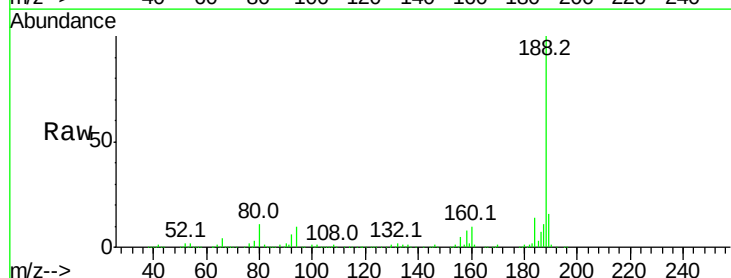
Tgt Ion:188 Resp: 285773

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

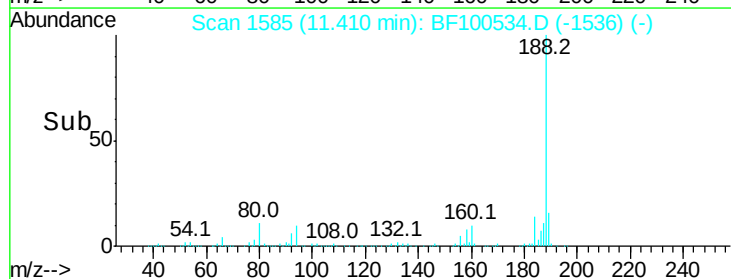
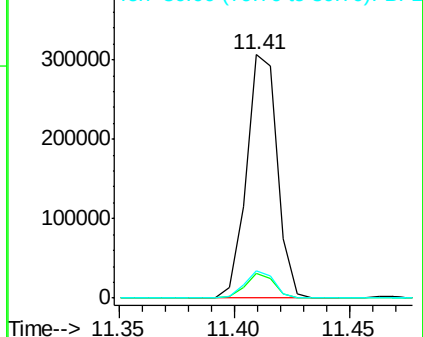
80 11.5 9.2 13.8

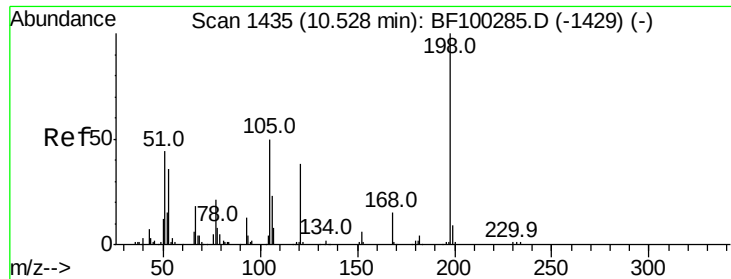


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

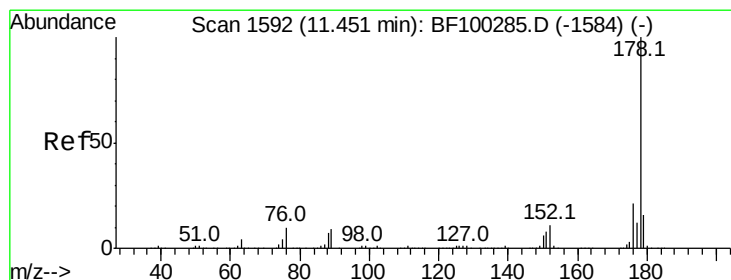
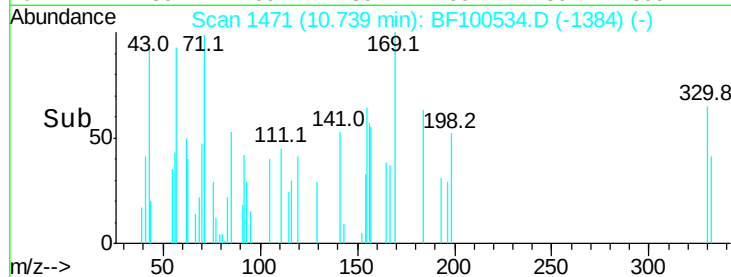
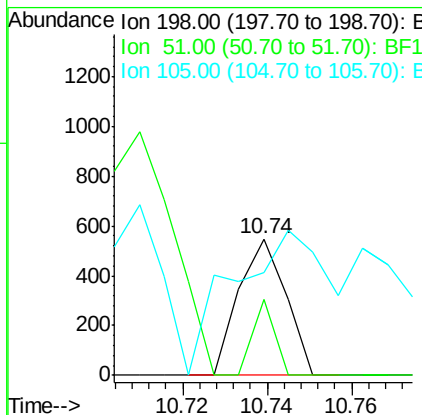
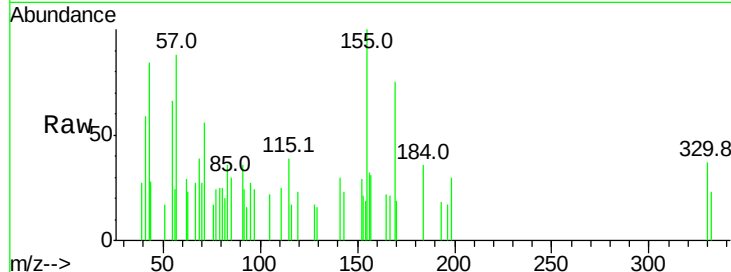




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.811 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.21 min
 Lab File: BF100534.D
 Acq: 14 Nov 2017 9:26

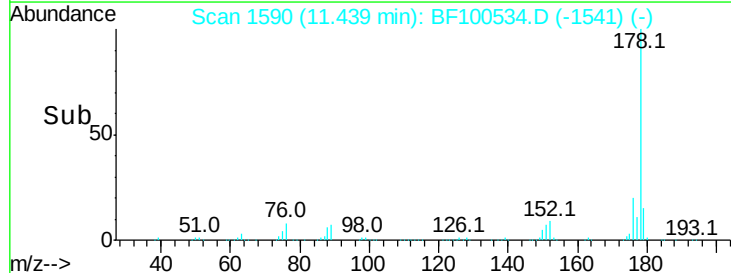
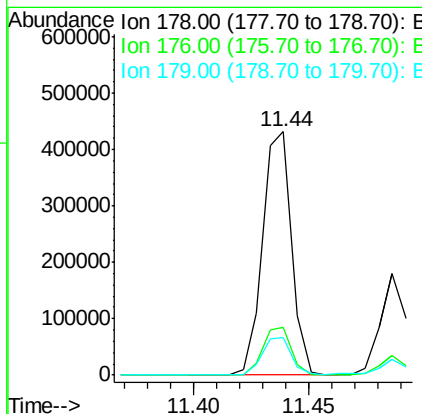
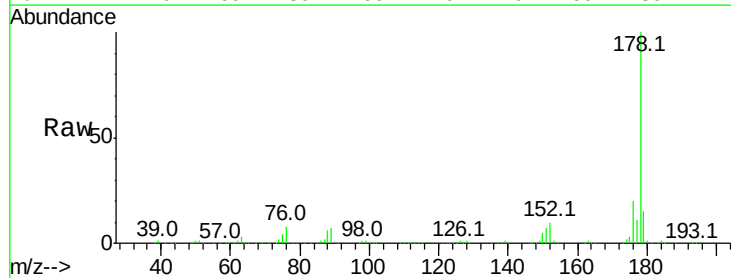
Instrument :
 BNA_F
 ClientSampled :

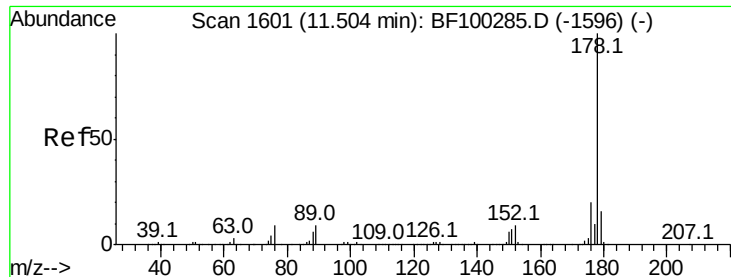
Tot Ion:198 Resp: 423
 Ion Ratio Lower Upper
 198 100
 51 56.1 37.7 77.7
 105 75.7 36.3 76.3



#70
 Phenanthrene
 Concen: 25.156 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF100534.D
 Acq: 14 Nov 2017 9:26

Tgt Ion:178 Resp: 378503
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.4 13.0 19.6

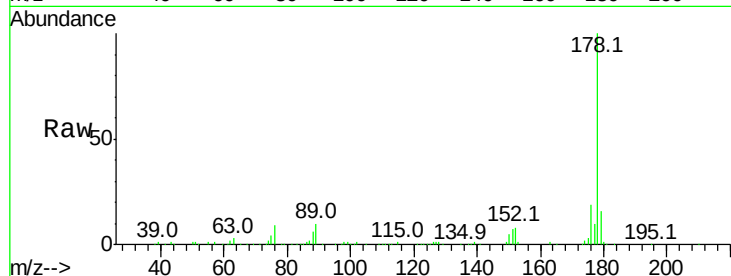




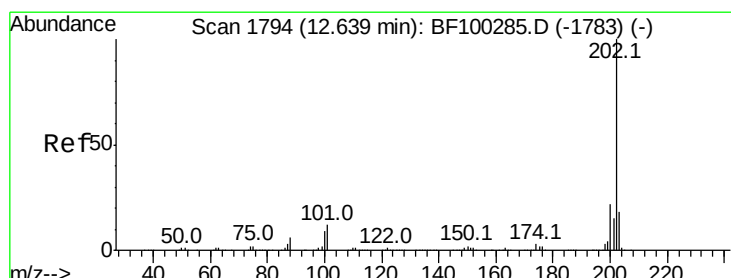
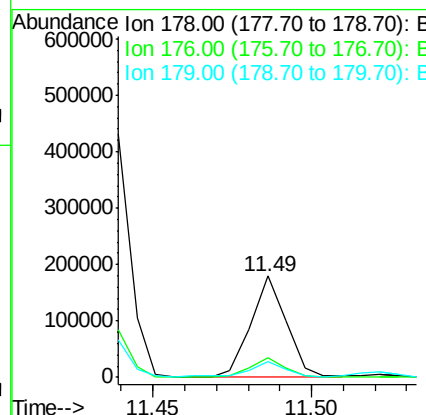
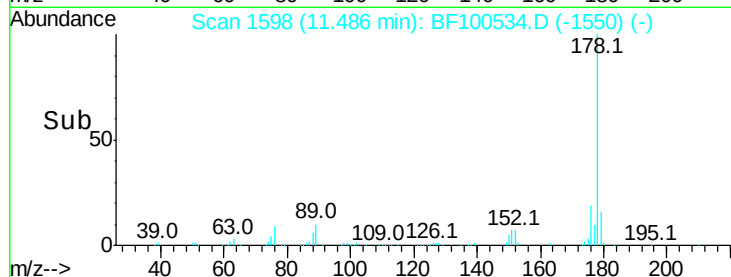
#71
 Anthracene
 Concen: 8.982 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.02 min
 Lab File: BF100534.D
 Acq: 14 Nov 2017 9:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

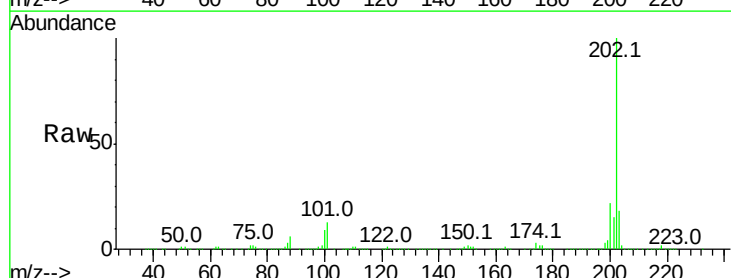


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

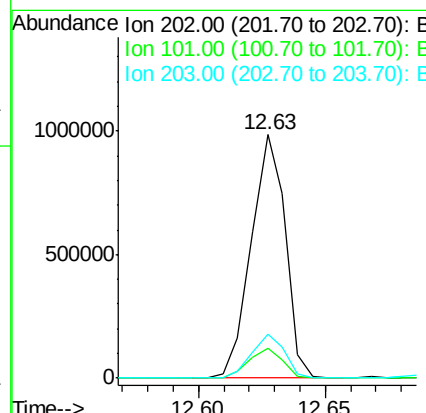
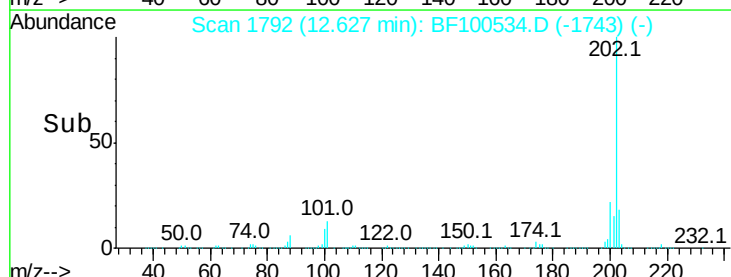


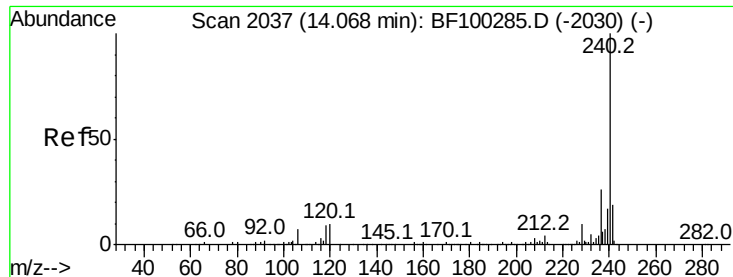
#74
 Fluoranthene
 Concen: 57.525 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF100534.D
 Acq: 14 Nov 2017 9:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	18.1	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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

Instrument :

BNA_F

ClientSampleId :

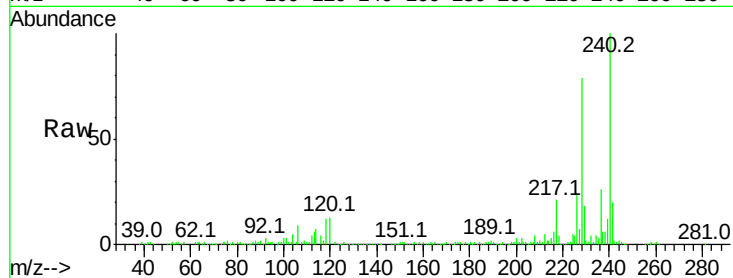
Tot Ion:240 Resp: 270262

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

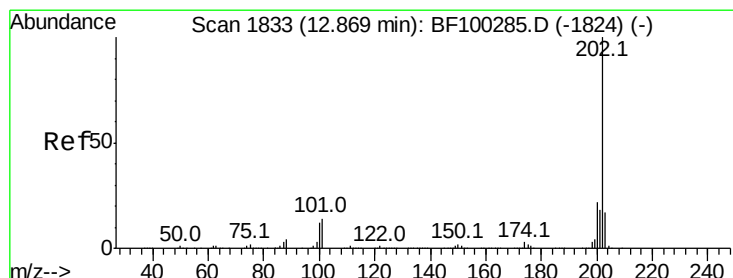
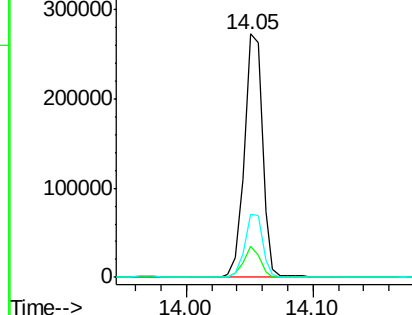
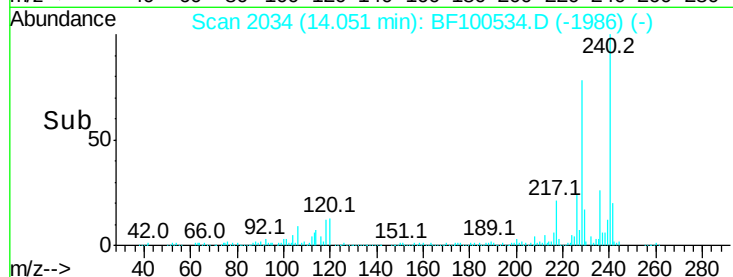
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 43.967 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

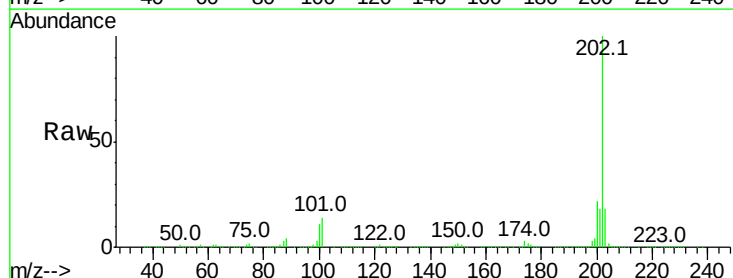
Tgt Ion:202 Resp: 847045

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

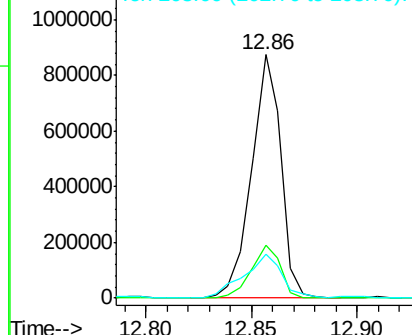
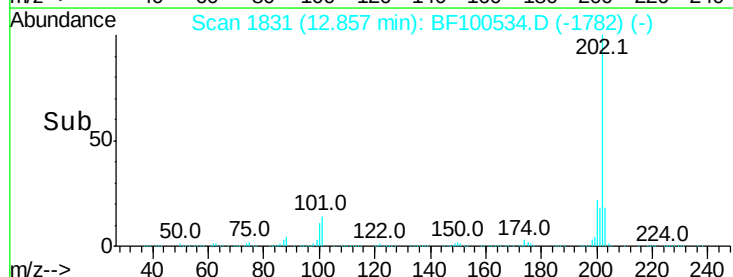
203 17.9 14.3 21.5

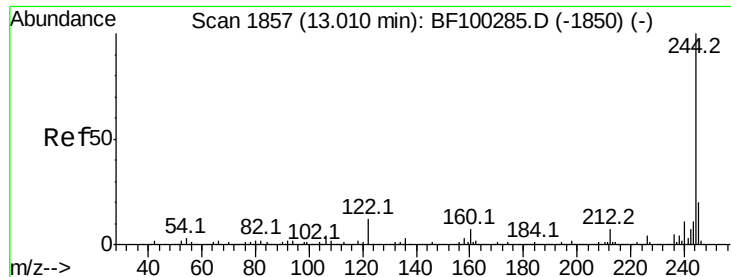


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 19.681 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

Instrument :

BNA_F

ClientSampleId :

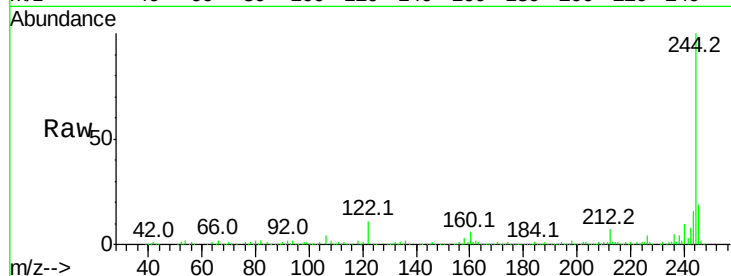
Tot Ion:244 Resp: 231487

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

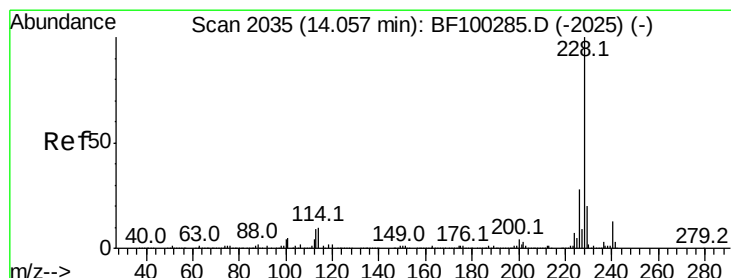
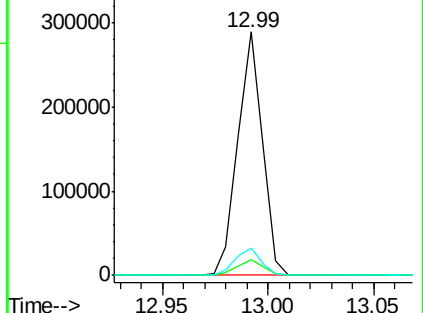
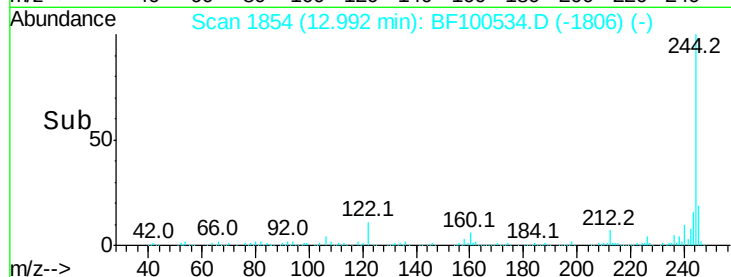
122 11.3 11.0 16.4



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: 34.716 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

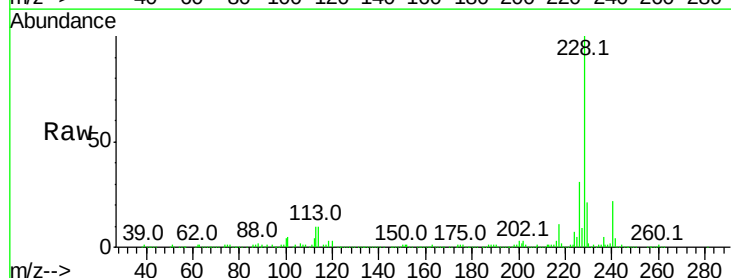
Tgt Ion:228 Resp: 565004

Ion Ratio Lower Upper

228 100

226 30.9 22.6 33.8

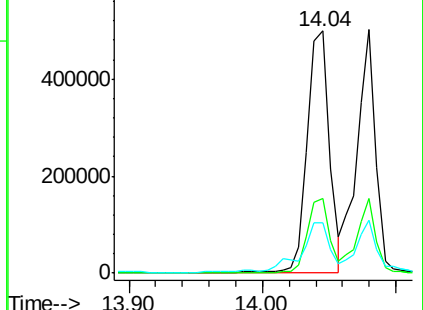
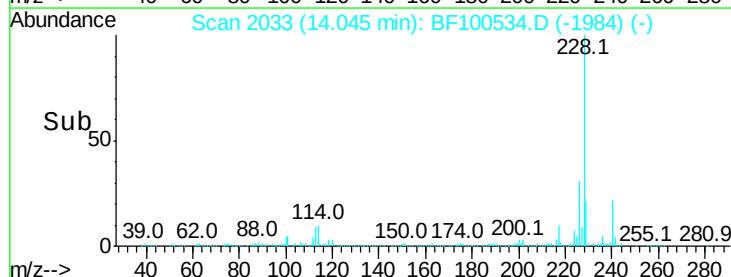
229 20.8 15.8 23.6

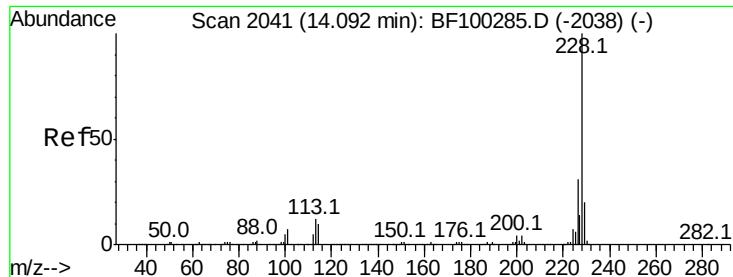


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 31.025 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

Instrument :

BNA_F

ClientSampleId :

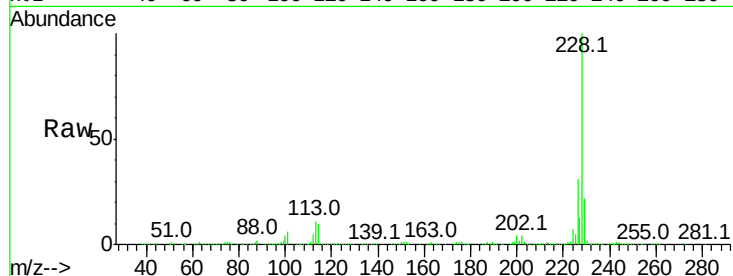
Tot Ion:228 Resp: 488961

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

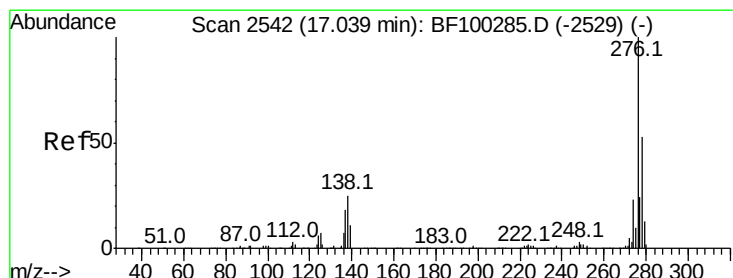
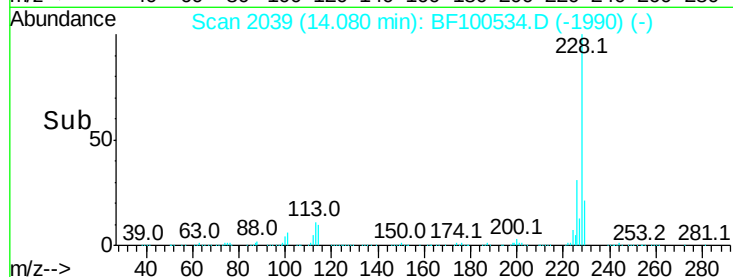
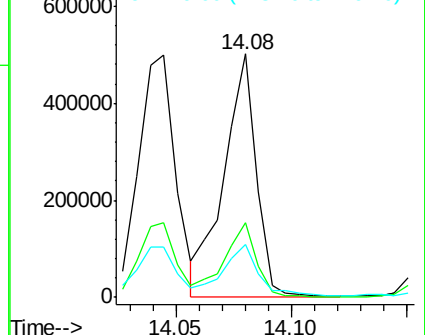
229 21.9 16.2 24.4



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 12.268 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

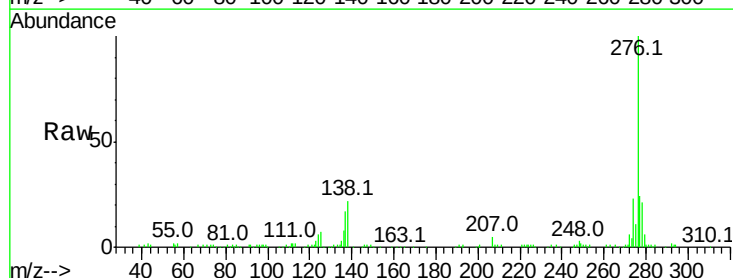
Tgt Ion:276 Resp: 156383

Ion Ratio Lower Upper

276 100

138 23.4 25.0 37.6#

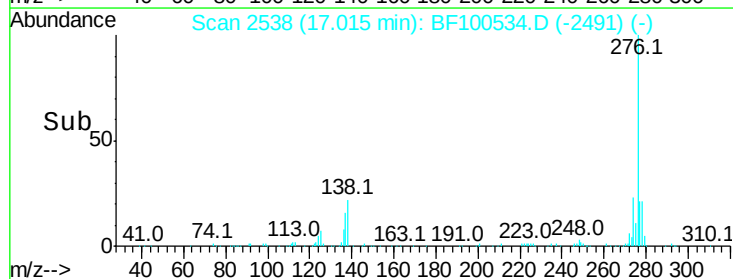
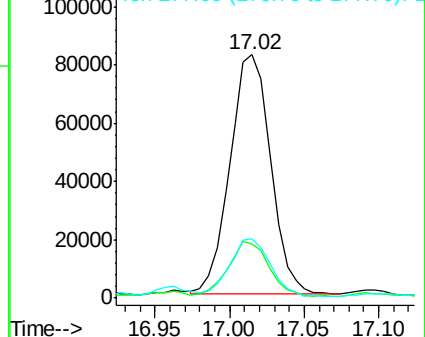
277 23.9 20.1 30.1

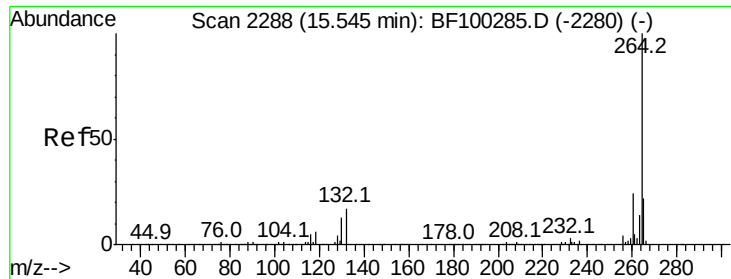


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

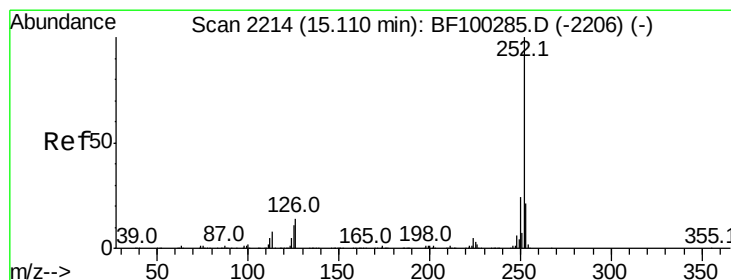
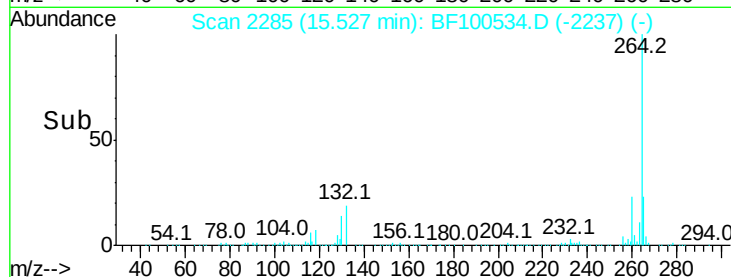
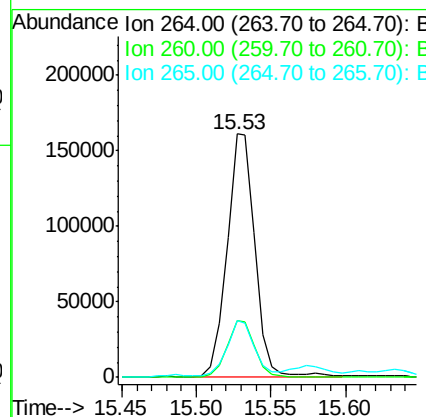
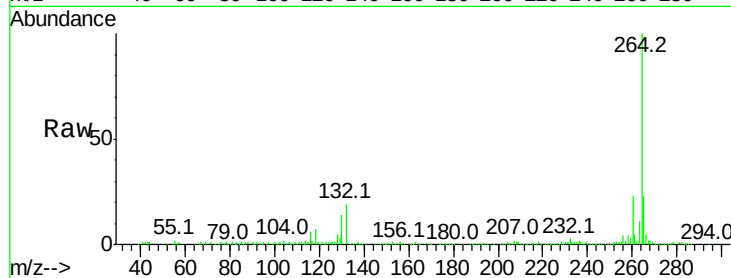




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

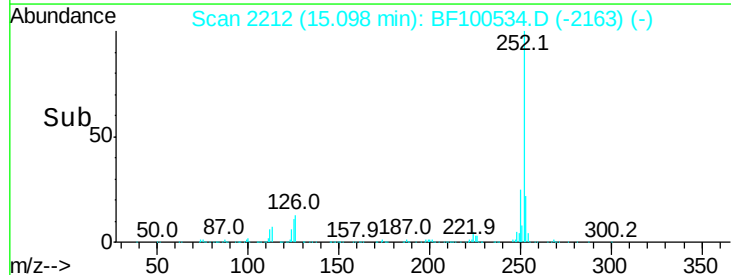
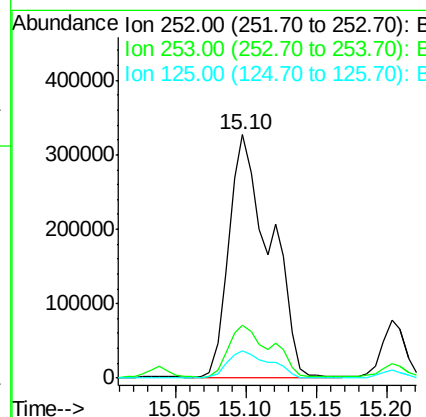
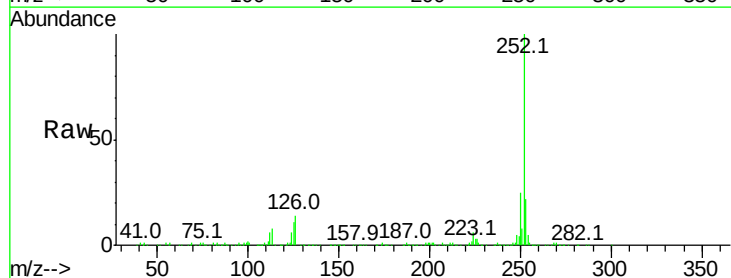
Instrument :
BNA_F
ClientSampleId :

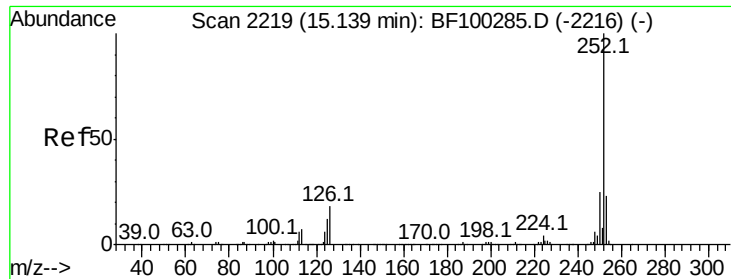
Tot Ion:264 Resp: 210431
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 23.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 53.254 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:252 Resp: 663917
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.2 9.0 13.6

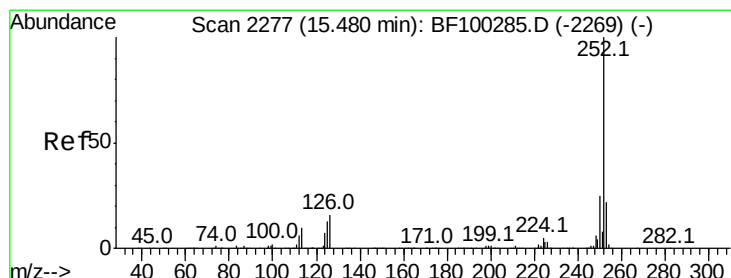
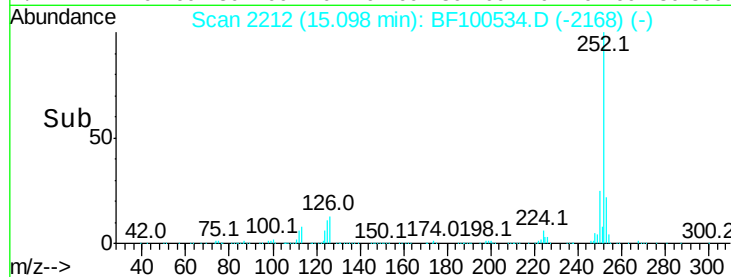
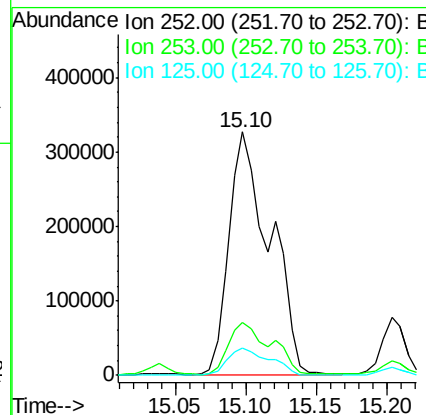
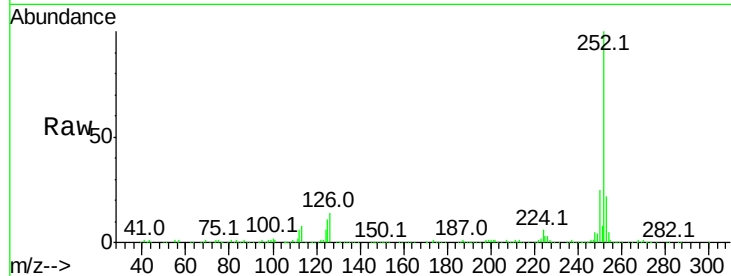




#88
Benzo(k)fluoranthene
Concen: 56.362 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

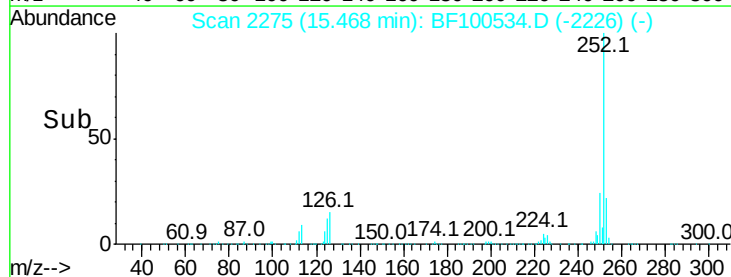
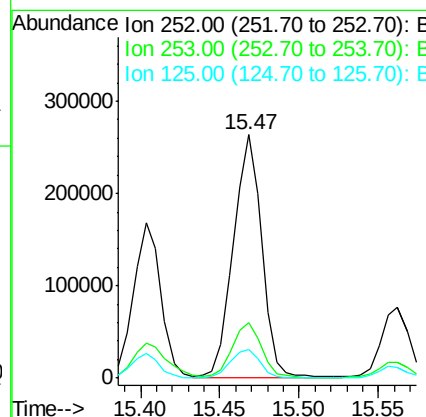
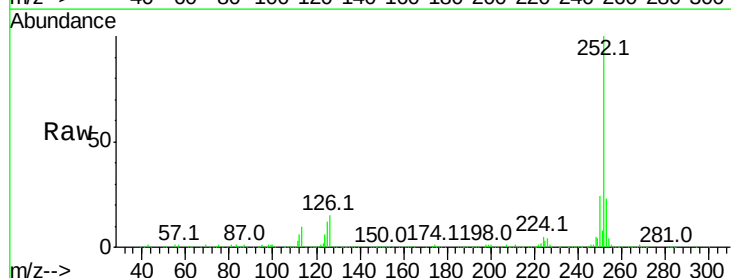
Instrument :
BNA_F
ClientSampleId :

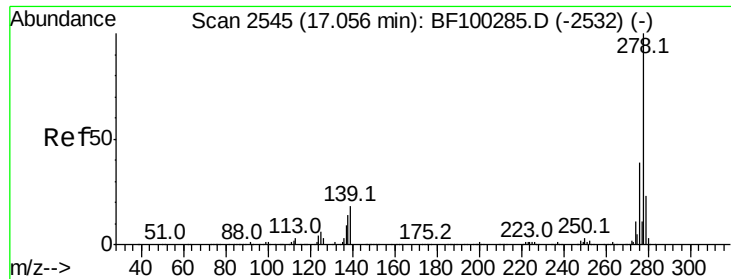
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.2	10.2	15.2



#89
Benzo(a)pyrene
Concen: 29.376 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	11.9	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 4.698 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.04 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

Instrument :

BNA_F

ClientSampled :

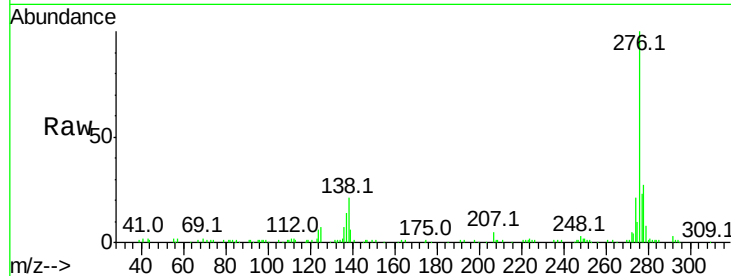
Tot Ion:278 Resp: 42468

Ion Ratio Lower Upper

278 100

139 22.2 15.9 23.9

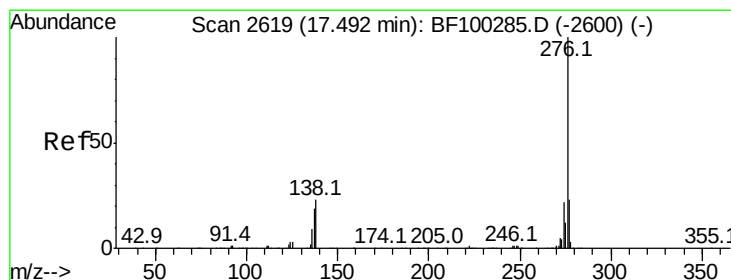
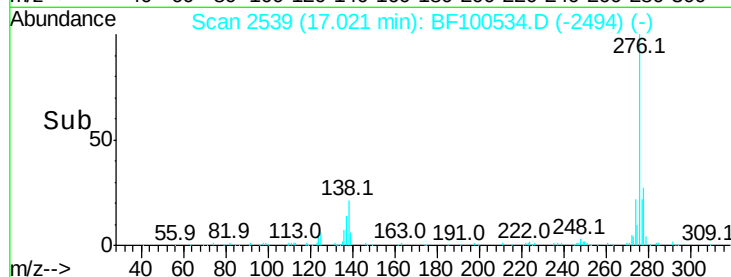
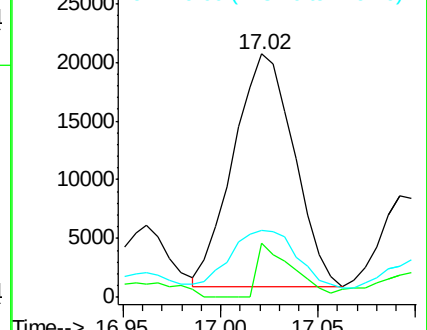
279 27.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 15.669 ng

RT: 17.47 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BF100534.D

Acq: 14 Nov 2017 9:26

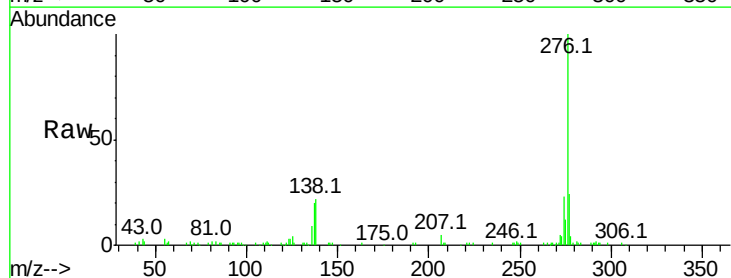
Tgt Ion:276 Resp: 138635

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 21.7 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

