

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102945.D
 Acq On : 13 Feb 2018 3:13
 Operator : SJ/JU
 Sample : J1526-01DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 04:49:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	171340	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	699004	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	282246	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	402178	20.00	ng	0.00
75) Chrysene-d12	14.06	240	304441	20.00	ng	0.00
86) Perylene-d12	15.54	264	284852	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	250966	22.24	ng	0.00
7) Phenol-d6	6.50	99	298876	22.00	ng	0.00
23) Nitrobenzene-d5	7.44	82	184169	18.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	39052	17.19	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	303139	17.82	ng	0.00
78) Terphenyl-d14	12.99	244	187396	14.57	ng	0.00

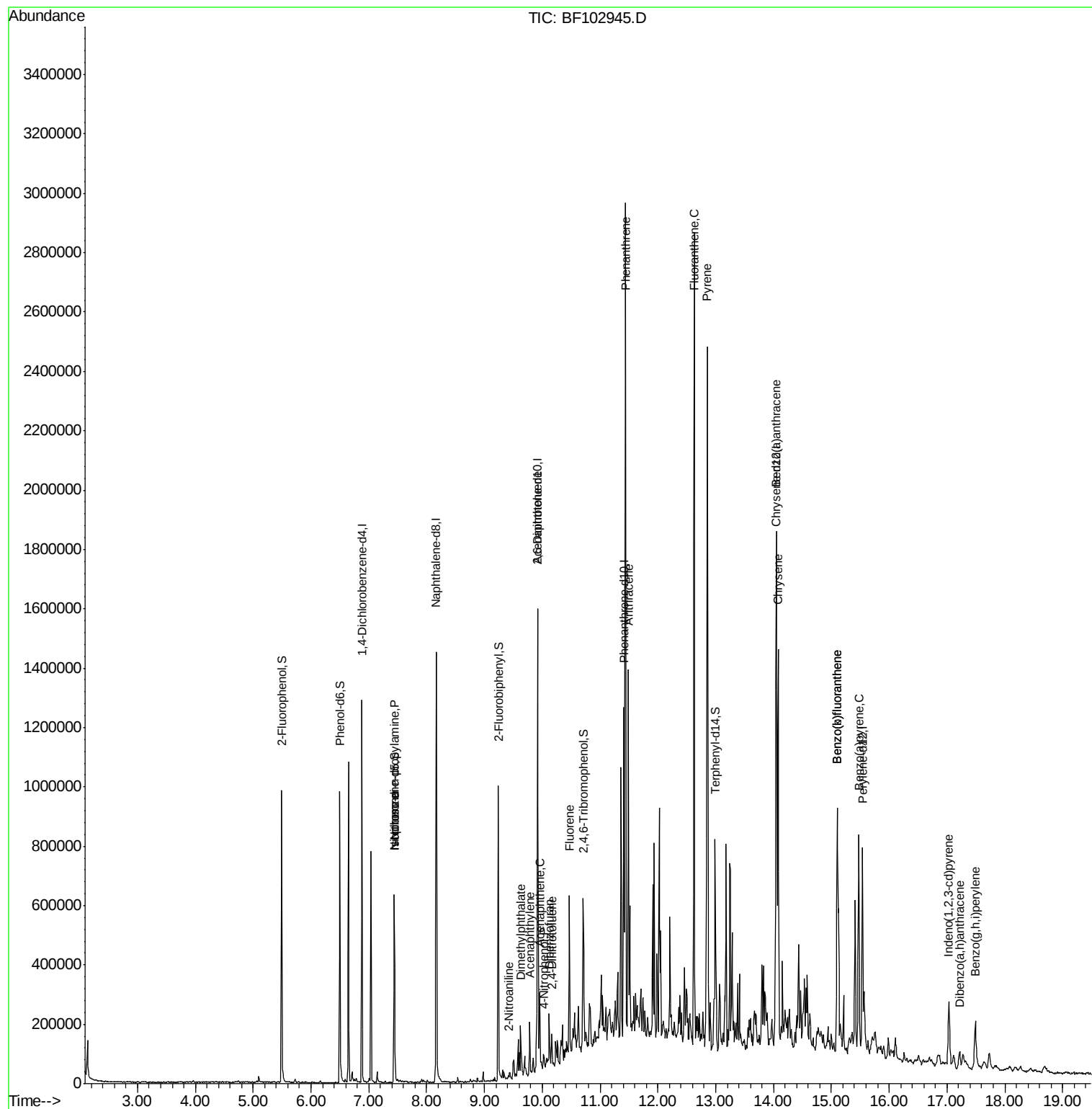
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	23242	2.59	ng	# 85
25) Isophorone	7.44	82	184167	7.94	ng	# 64
47) 2-Nitroaniline	9.42	65	228	3.51	ng	# 2
48) Acenaphthylene	9.78	152	61287	2.11	ng	98
49) Dimethylphthalate	9.63	163	62196	2.83	ng	97
50) 2,6-Dinitrotoluene	9.92	165	40428	9.66	ng	# 26
51) Acenaphthene	9.95	154	47628	2.74	ng	99
54) Dibenzofuran	10.13	168	50466	2.06	ng	96
55) 4-Nitrophenol	10.03	139	1616	4.39	ng	# 30
56) 2,4-Dinitrotoluene	10.16	165	1273	3.29	ng	# 55
57) Fluorene	10.47	166	142997	8.02	ng	98
70) Phenanthrene	11.44	178	1030246	46.00	ng	99
71) Anthracene	11.49	178	445851	19.57	ng	99
74) Fluoranthene	12.63	202	1034648	45.91	ng	97
77) Pyrene	12.86	202	995208	41.69	ng	100
80) Benzo(a)anthracene	14.04	228	519303	27.12	ng	98
82) Chrysene	14.08	228	468173	24.26	ng	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	132670	8.29	ng	98
87) Benzo(b)fluoranthene	15.10	252	633377	34.30	ng	# 95
88) Benzo(k)fluoranthene	15.10	252	633377	35.89	ng	# 97
89) Benzo(a)pyrene	15.47	252	353361	21.26	ng	# 96
90) Dibenzo(a,h)anthracene	17.22	278	33448	2.48	ng	96
91) Benzo(g,h,i)perylene	17.49	276	124241	9.41	ng	97

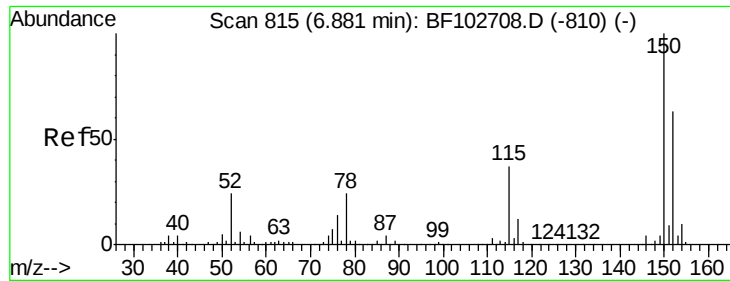
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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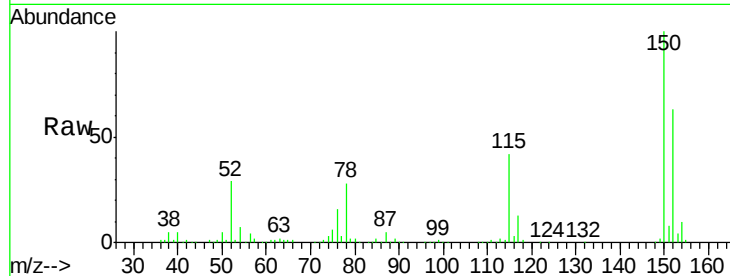


#1

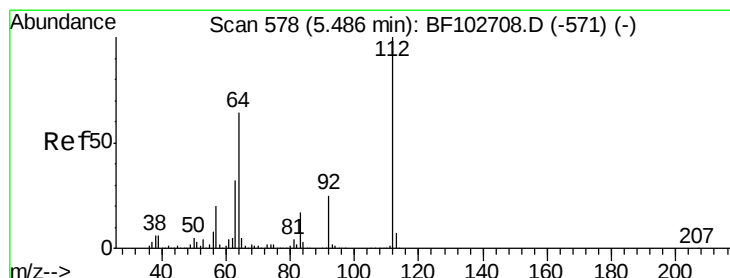
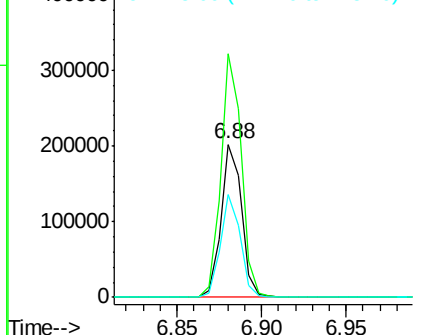
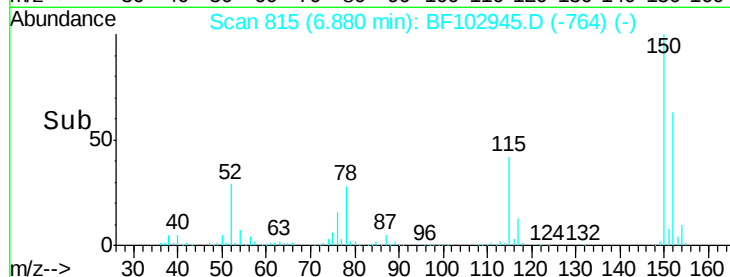
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171340
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 67.4 50.1 75.1



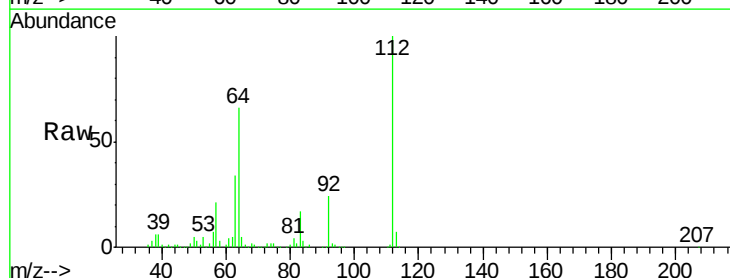
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



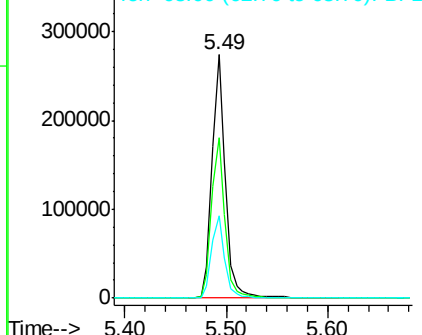
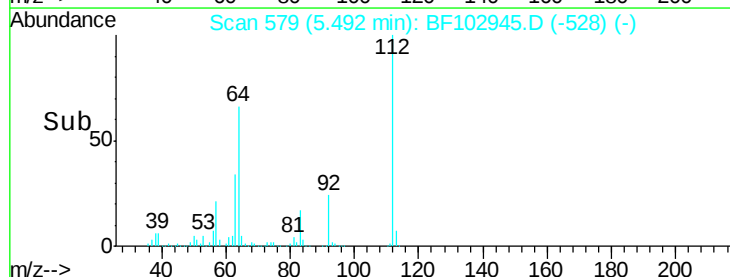
#5

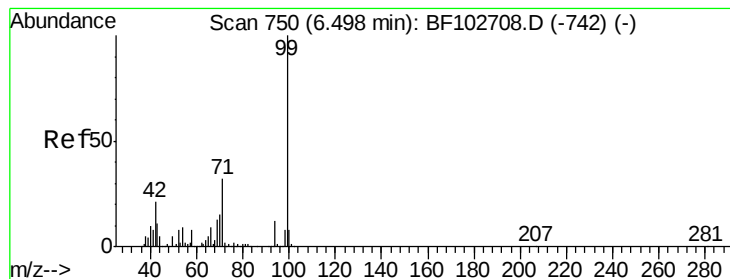
2-Fluorophenol
Concen: 22.24 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:112 Resp: 250966
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 33.9 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: 22.00 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

Instrument :

BNA_F

ClientSampleId :

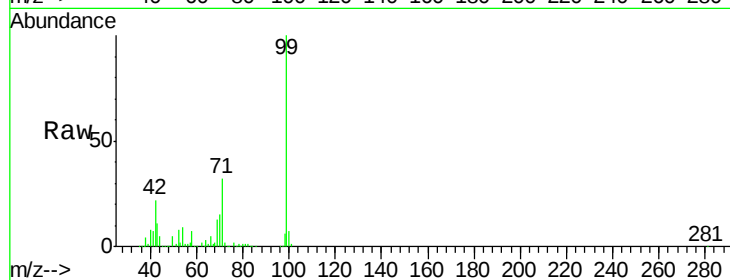
Tot Ion: 99 Resp: 298876

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

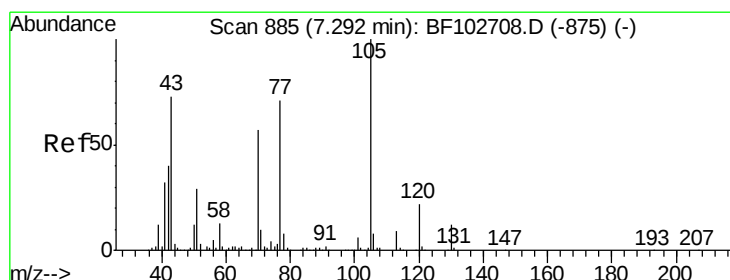
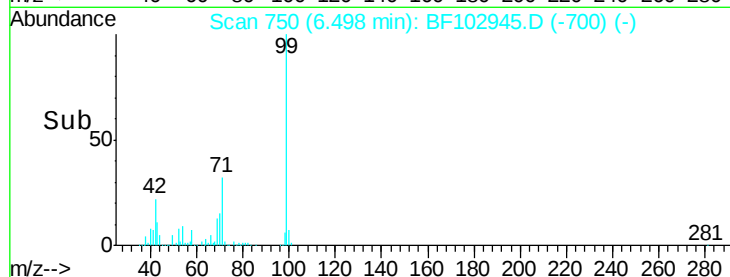
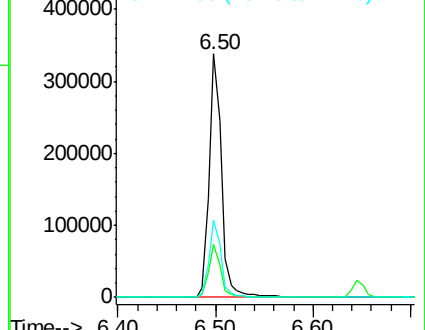
71 31.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.59 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

Tgt Ion: 70 Resp: 23242

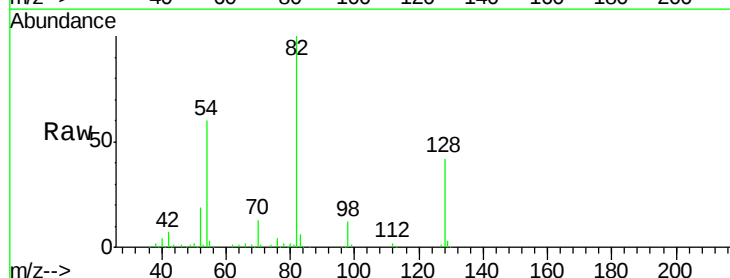
Ion Ratio Lower Upper

70 100

42 55.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

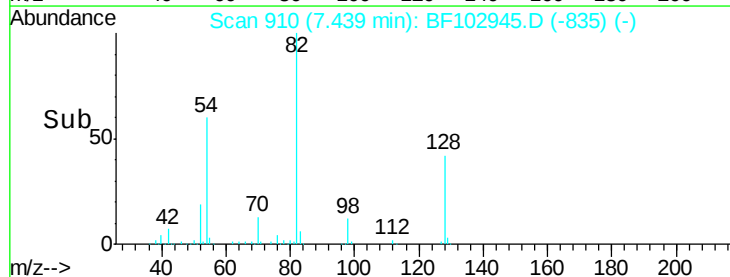
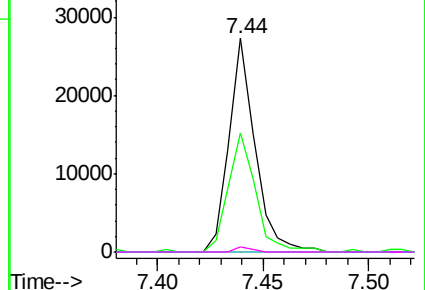


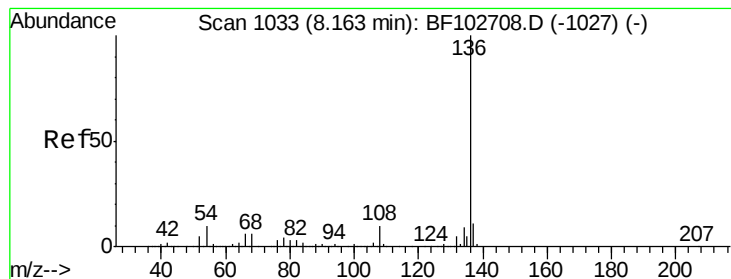
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 699004

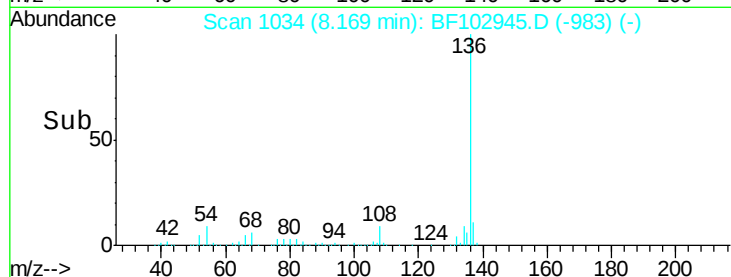
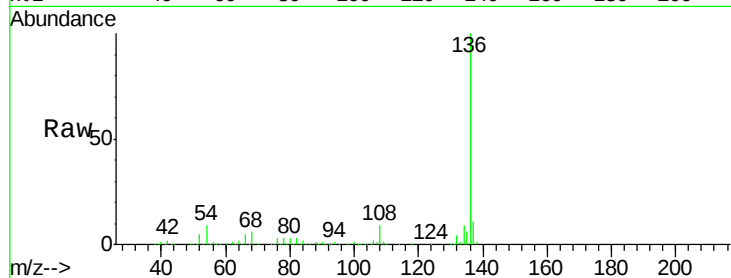
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.8 6.6 9.8

68 6.3 5.0 7.4

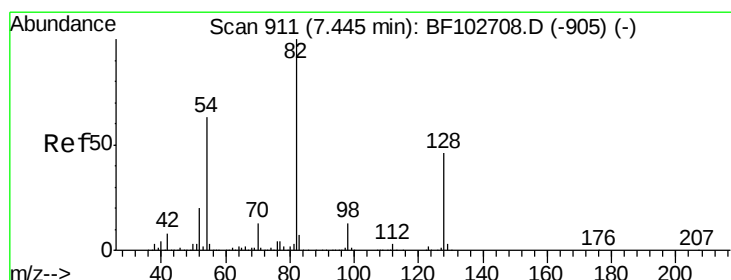
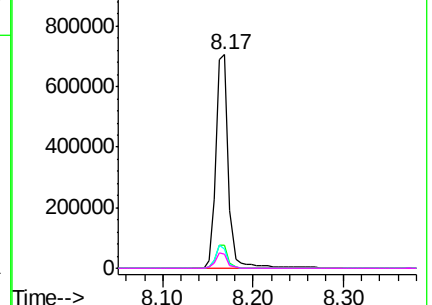


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 18.28 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

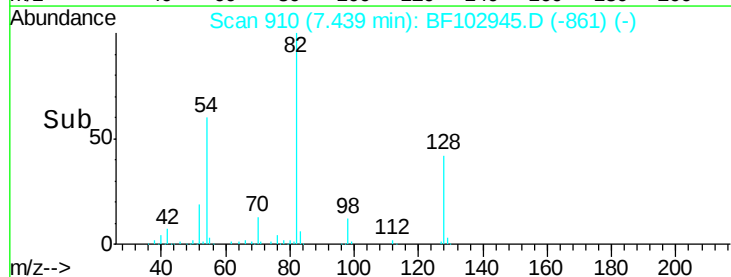
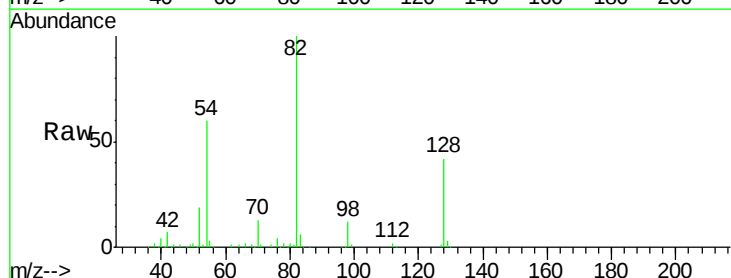
Tgt Ion: 82 Resp: 184169

Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

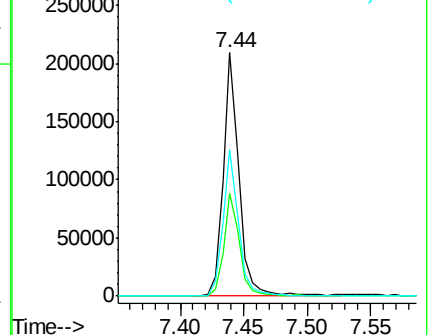
54 60.1 41.4 62.2

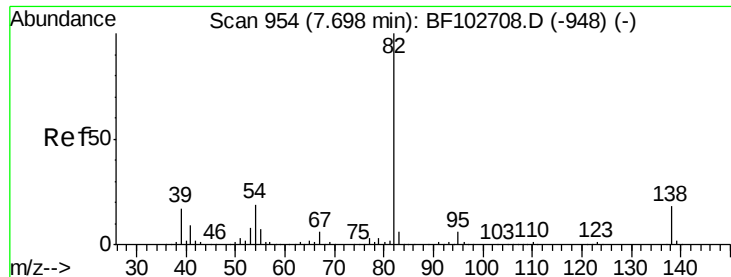


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.94 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

Instrument :

BNA_F

ClientSampleId :

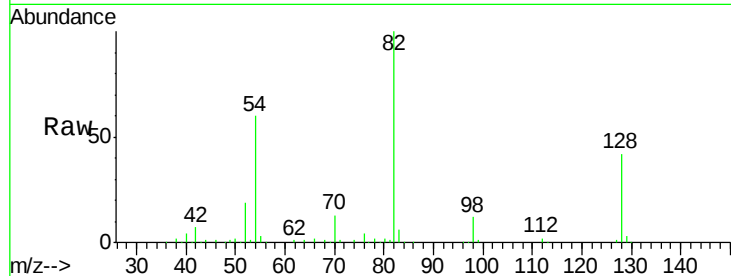
Tot Ion: 82 Resp: 184167

Ion Ratio Lower Upper

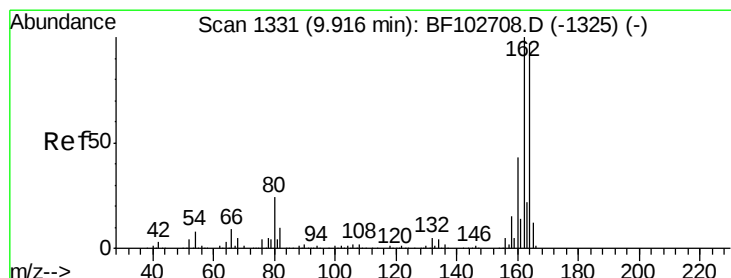
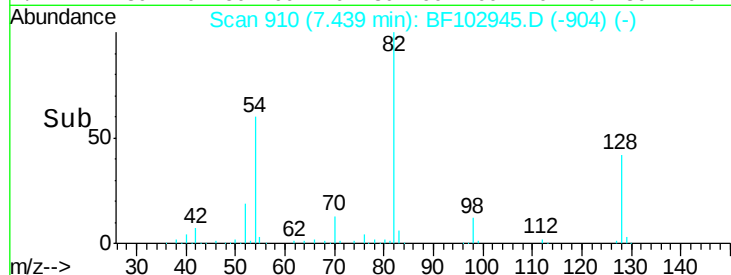
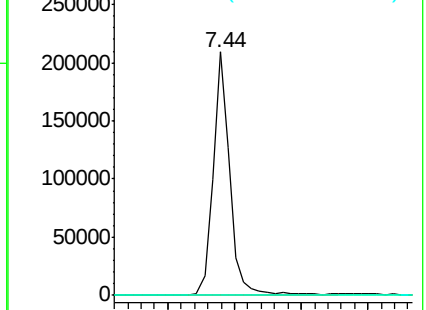
82 100

95 0.0 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

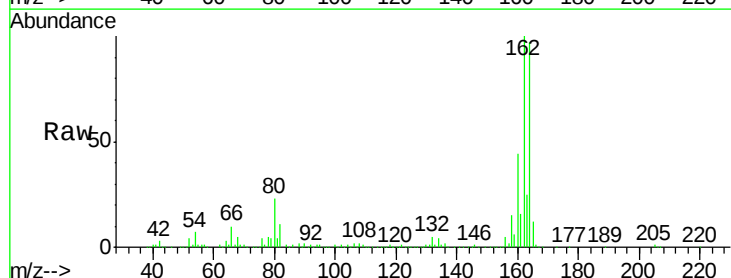
Tgt Ion:164 Resp: 282246

Ion Ratio Lower Upper

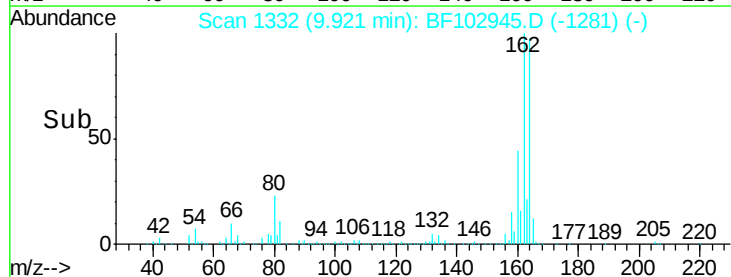
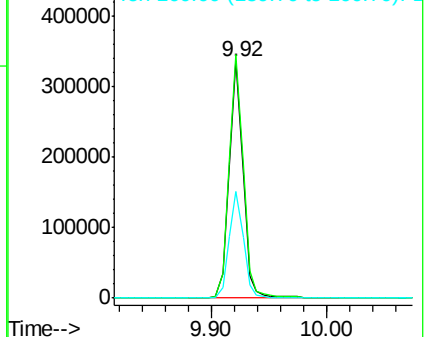
164 100

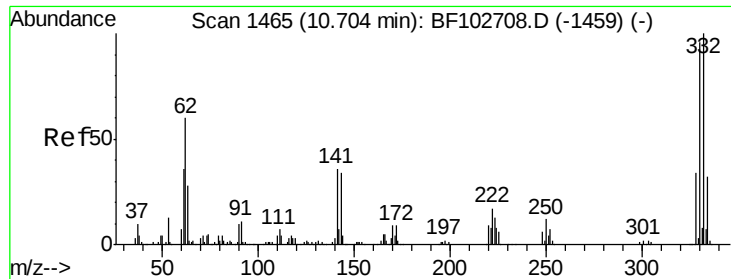
162 102.8 86.1 129.1

160 44.9 38.3 57.5



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

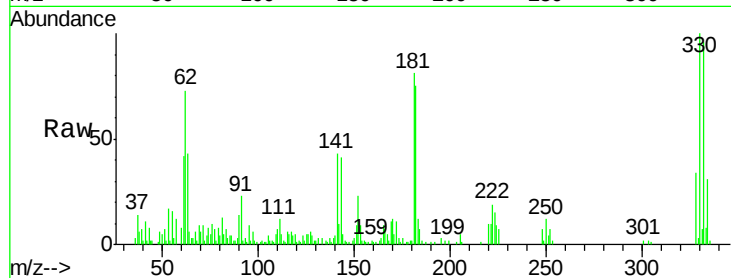




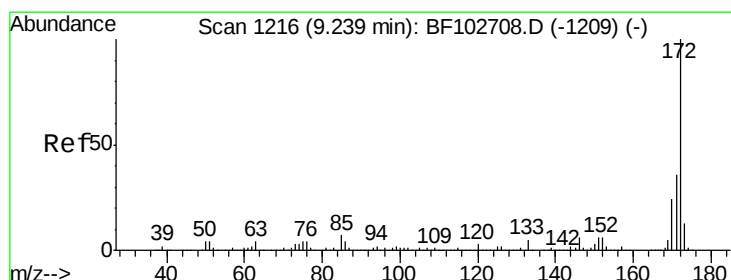
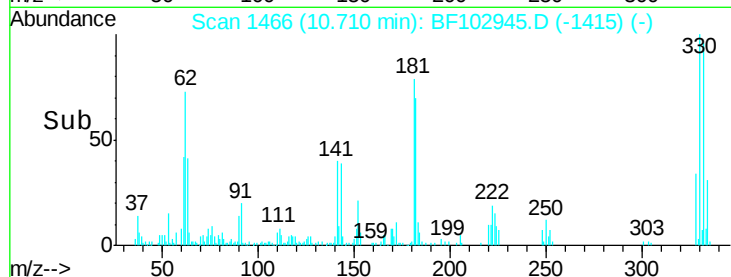
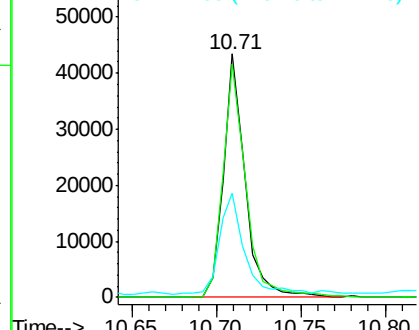
#41
 2,4,6-Tribromophenol
 Concen: 17.19 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102945.D
 Acq: 13 Feb 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 39052
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.0 115.6
 141 47.4 29.9 44.9#

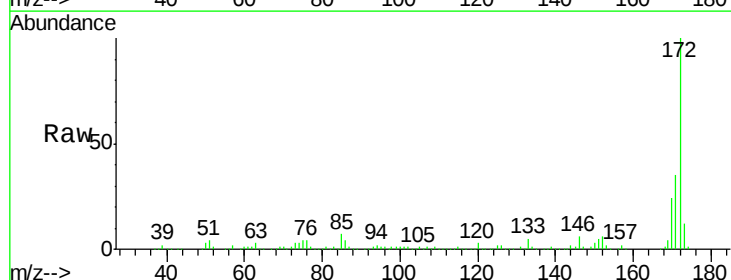


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

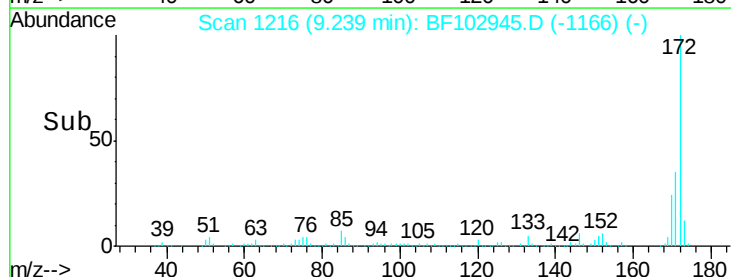
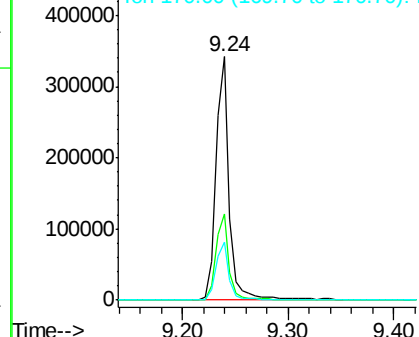


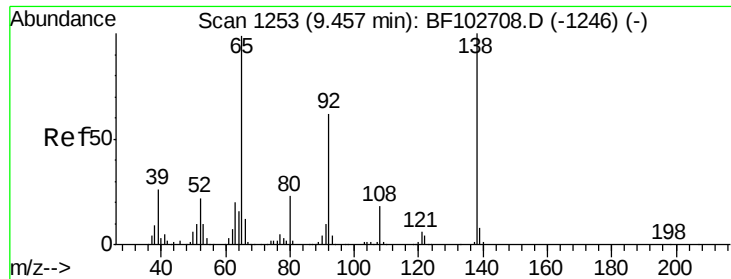
#44
 2-Fluorobiphenyl
 Concen: 17.82 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102945.D
 Acq: 13 Feb 2018 3:13

Tgt Ion:172 Resp: 303139
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.9 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

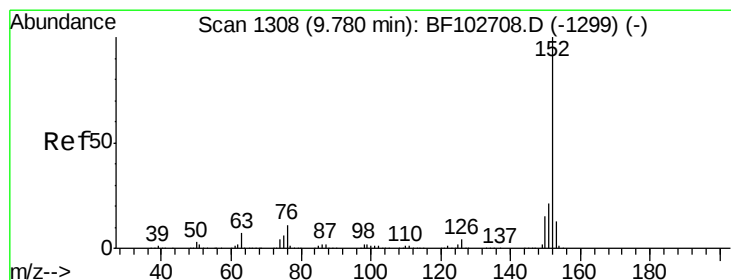
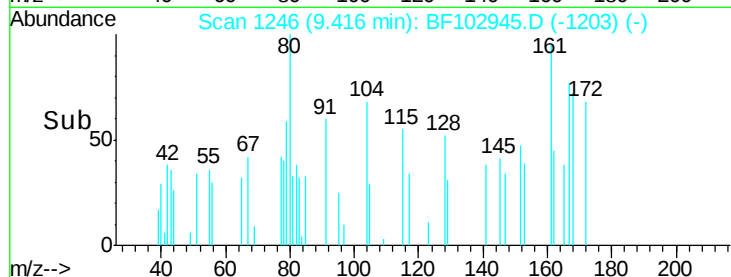
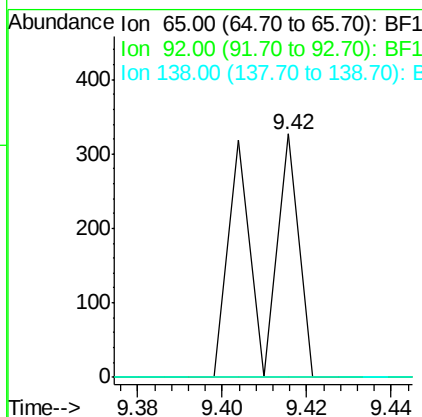
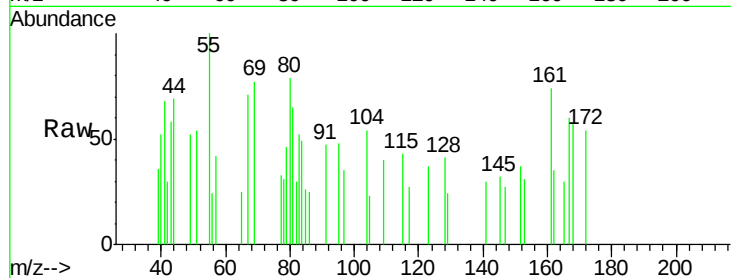




#47
2-Nitroaniline
Concen: 3.51 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.05 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

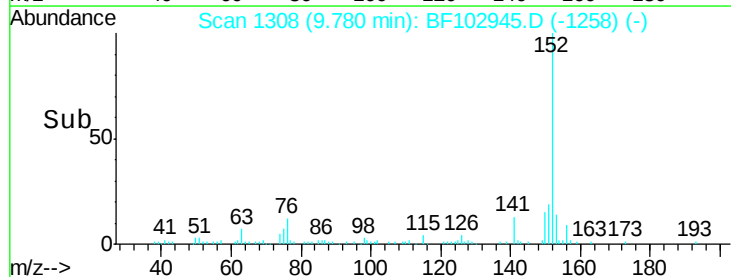
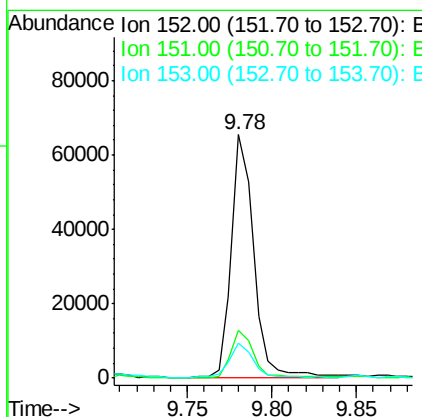
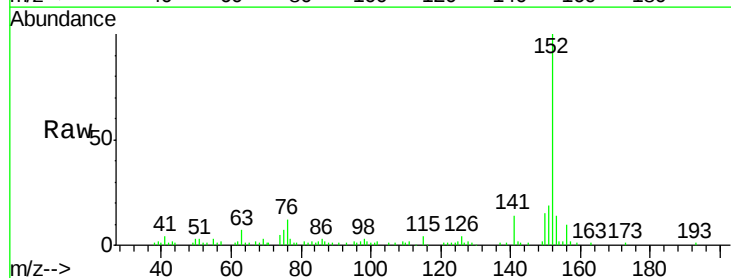
Instrument :
BNA_F
ClientSampled :

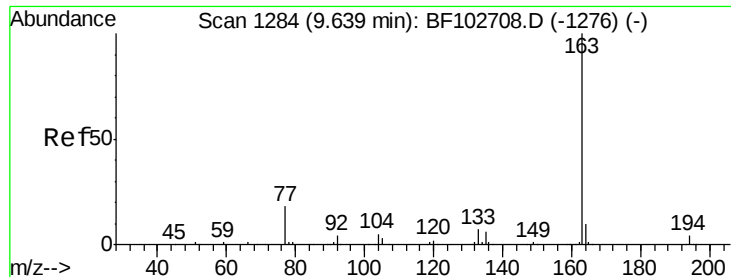
Tot Ion: 65 Resp: 228
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#48
Acenaphthylene
Concen: 2.11 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion: 152 Resp: 61287
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 14.2 10.7 16.1

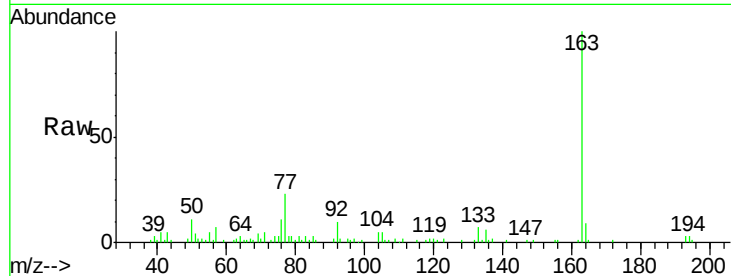




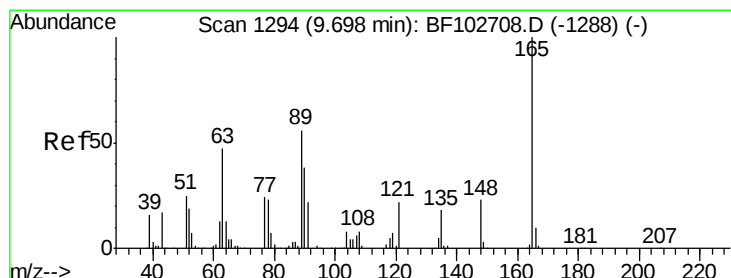
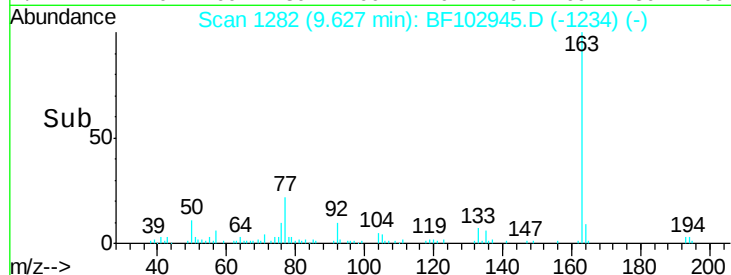
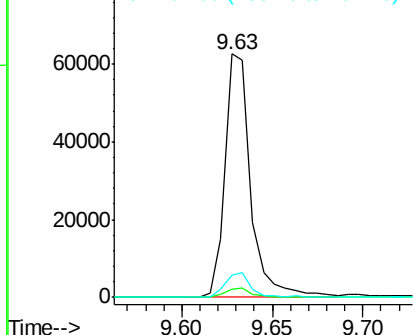
#49
Dimethylphthalate
Concen: 2.83 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	8.9	8.2	12.2

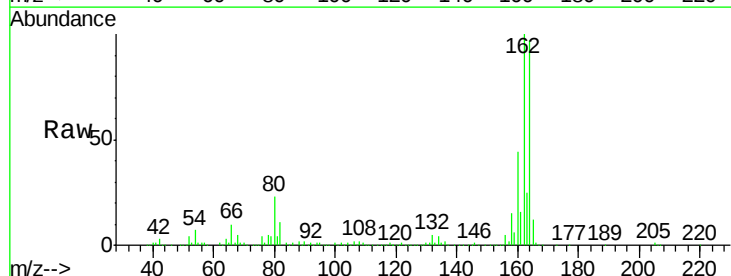


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

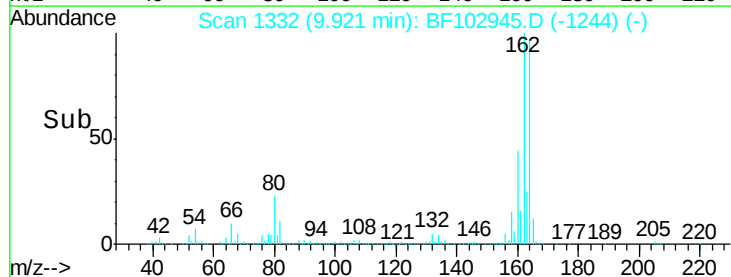
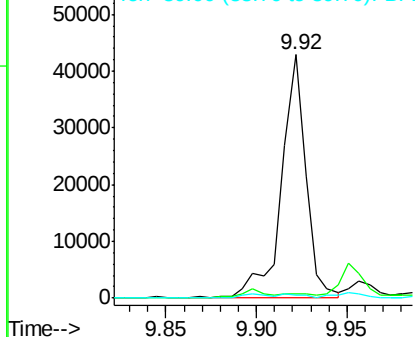


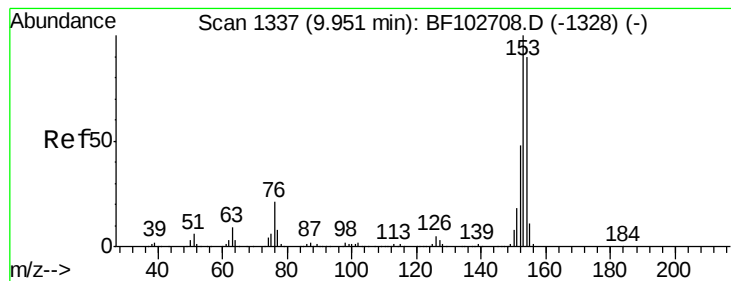
#50
2,6-Dinitrotoluene
Concen: 9.66 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.3	44.0	66.0#



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





#51

Acenaphthene

Concen: 2.74 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

Instrument :

BNA_F

ClientSampleId :

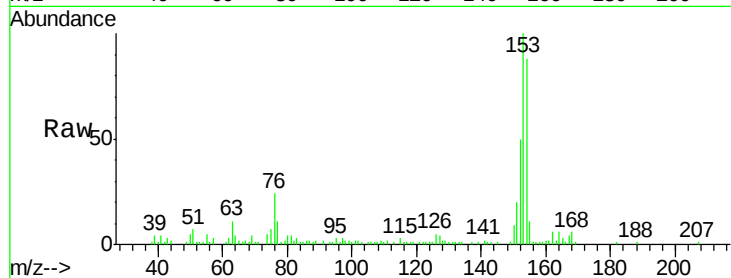
Tot Ion:154 Resp: 47628

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

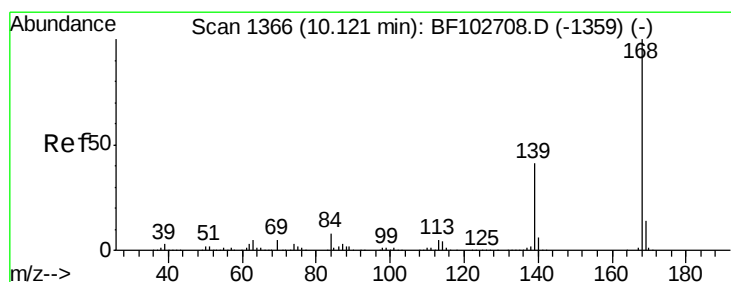
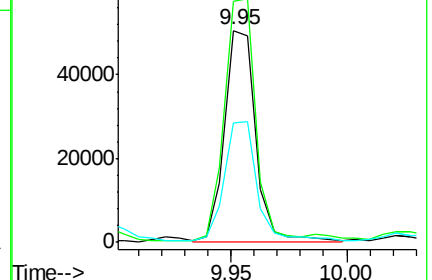
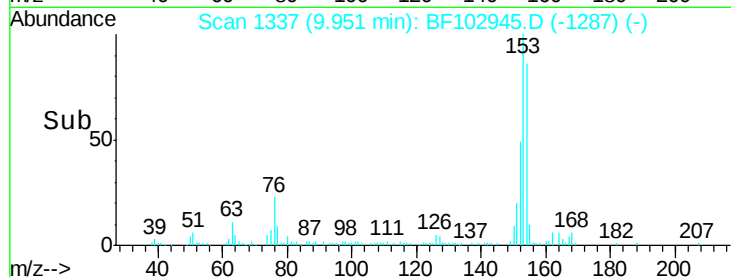
152 56.7 43.8 65.8



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

Dibenzofuran

Concen: 2.06 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

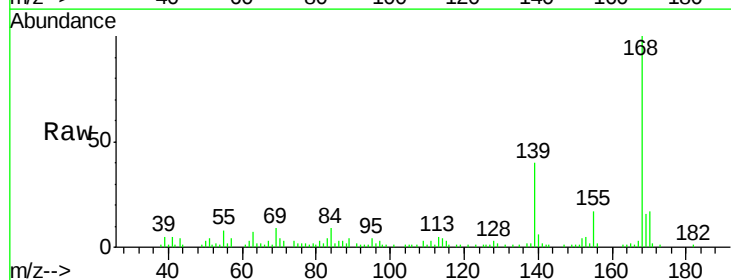
Tgt Ion:168 Resp: 50466

Ion Ratio Lower Upper

168 100

139 39.7 30.1 45.1

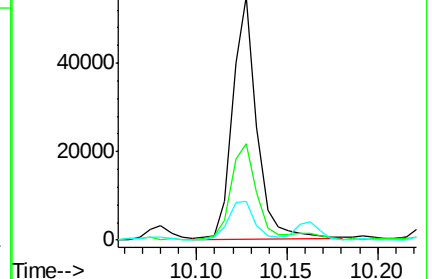
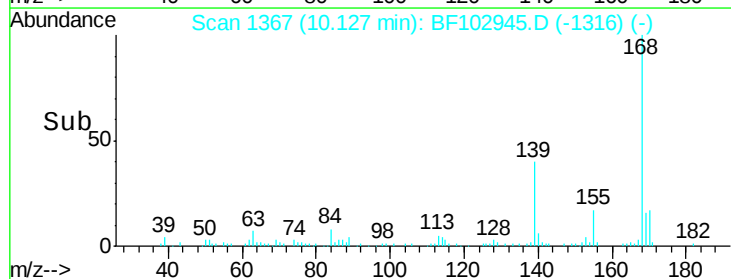
169 15.9 10.9 16.3

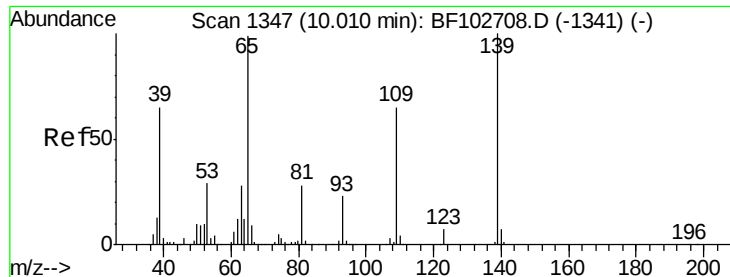


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

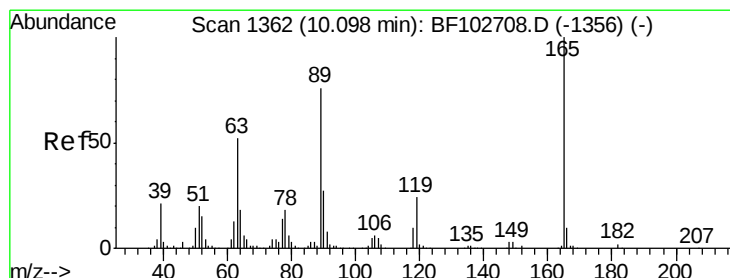
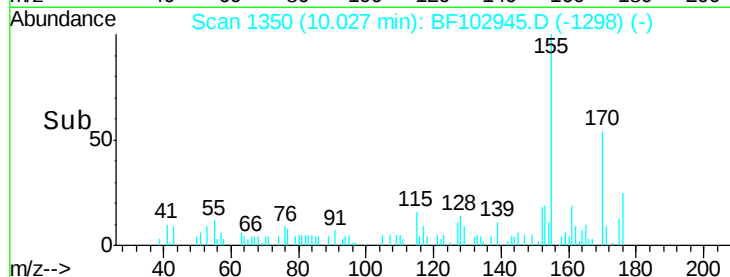
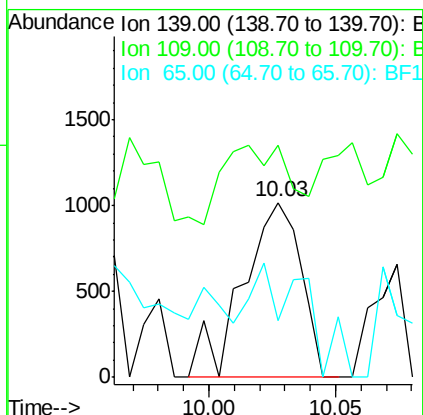
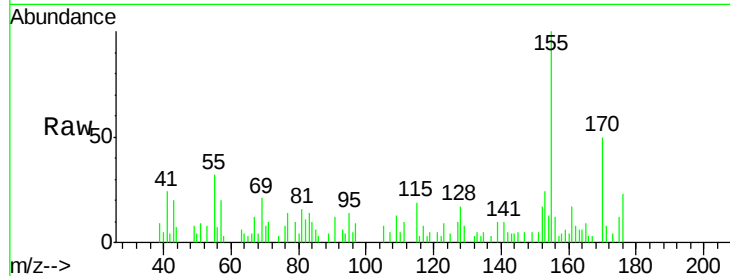




#55
4-Nitrophenol
Concen: 4.39 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

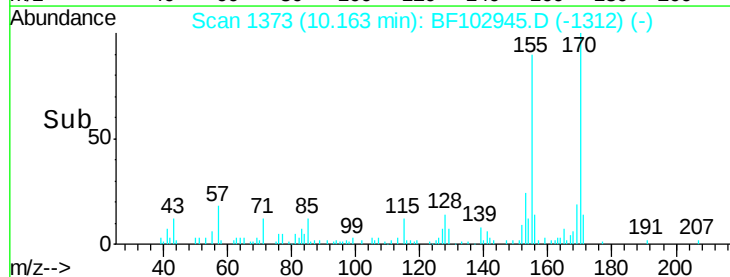
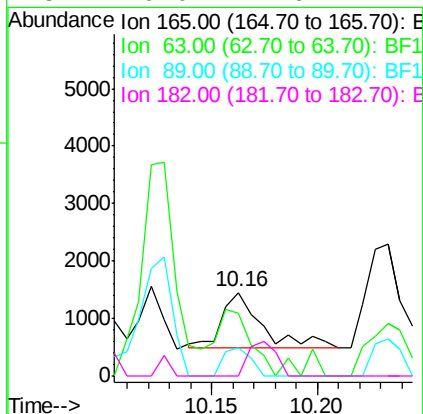
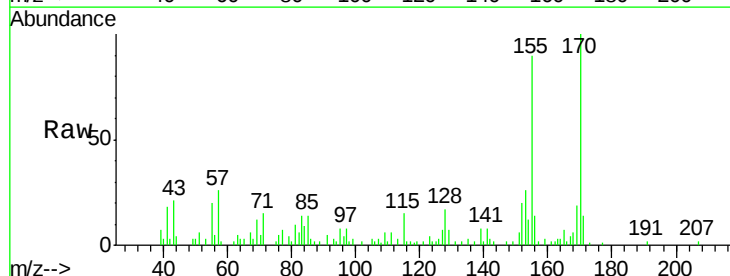
Instrument :
BNA_F
ClientSampleId :

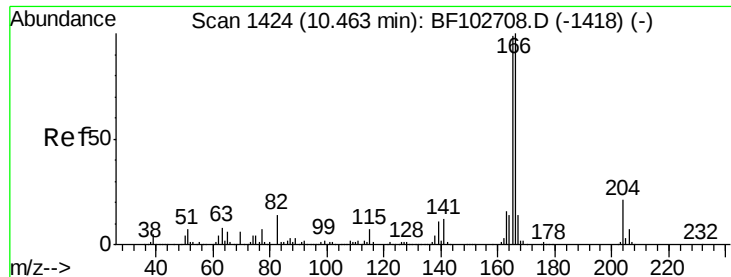
Tot Ion:139 Resp: 1616
Ion Ratio Lower Upper
139 100
109 133.0 48.4 88.4#
65 32.3 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 3.29 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.06 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:165 Resp: 1273
Ion Ratio Lower Upper
165 100
63 74.8 36.4 54.6#
89 33.0 57.8 86.6#
182 0.0 1.6 2.4#

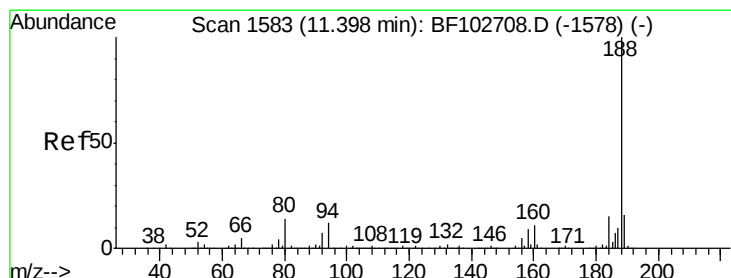
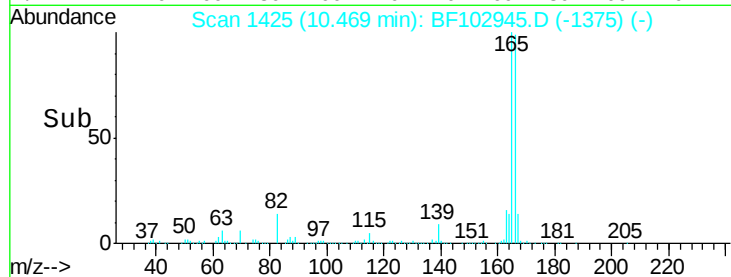
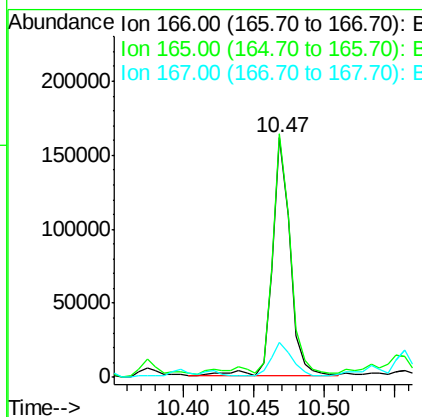
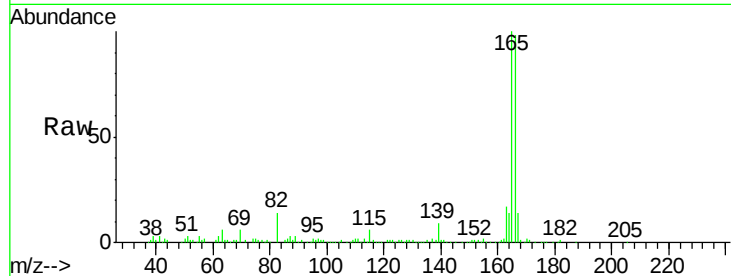




#57
 Fluorene
 Concen: 8.02 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF102945.D
 Acq: 13 Feb 2018 3:13

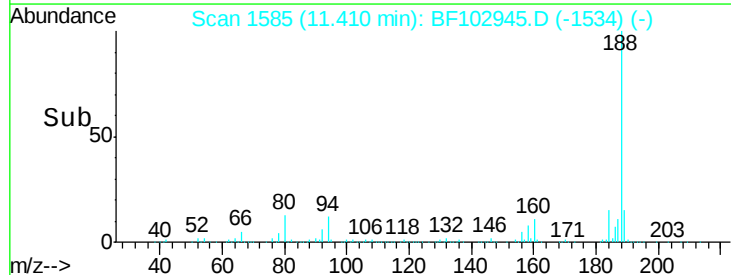
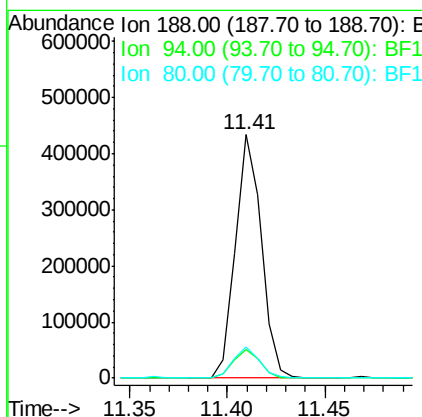
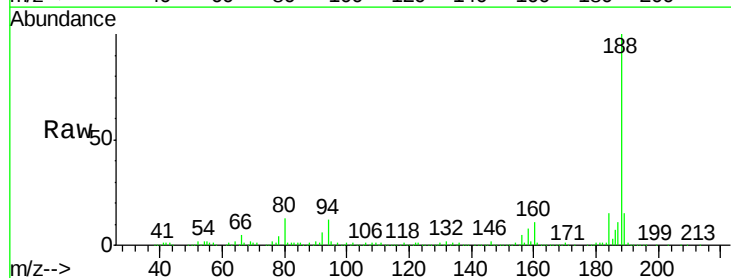
Instrument :
 BNA_F
 ClientSampleId :

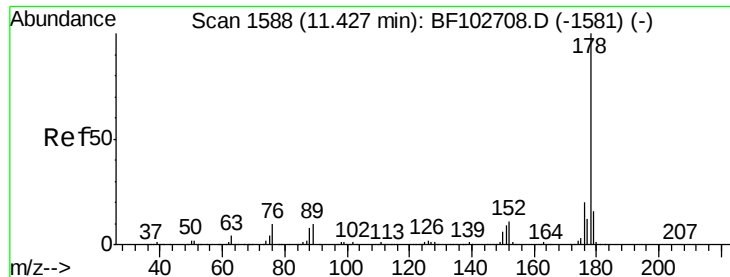
Tot Ion:166 Resp: 142997
 Ion Ratio Lower Upper
 166 100
 165 101.7 79.8 119.8
 167 14.6 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102945.D
 Acq: 13 Feb 2018 3:13

Tgt Ion:188 Resp: 402178
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 12.8 9.2 13.8

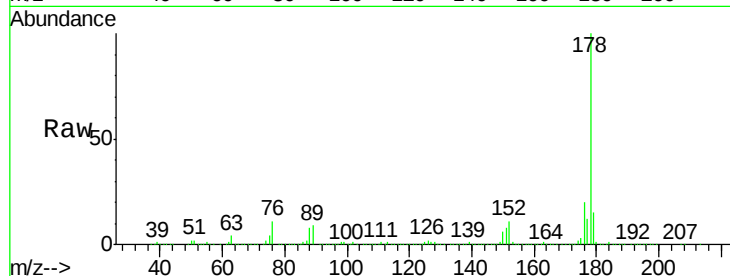




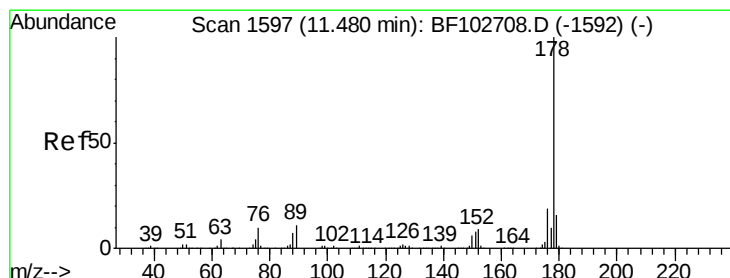
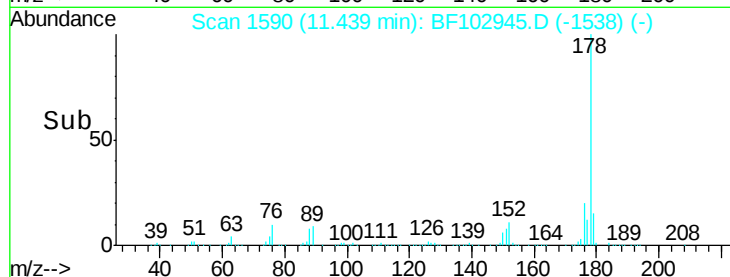
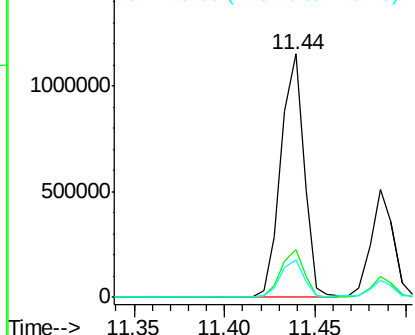
#70
Phenanthrene
Concen: 46.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1030246
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.3 13.0 19.6

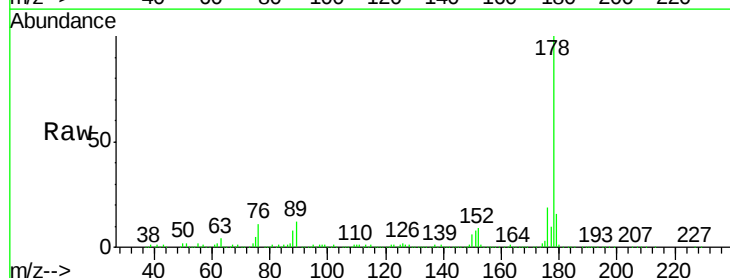


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

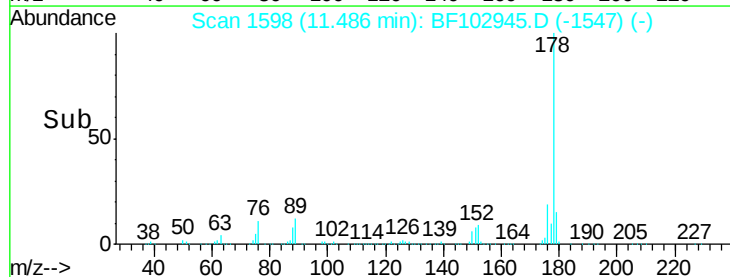
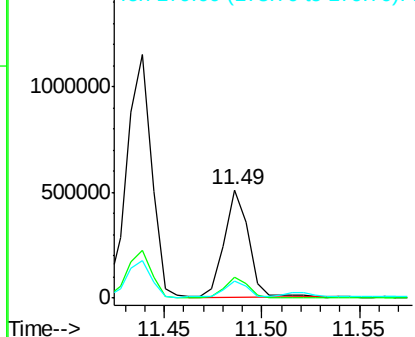


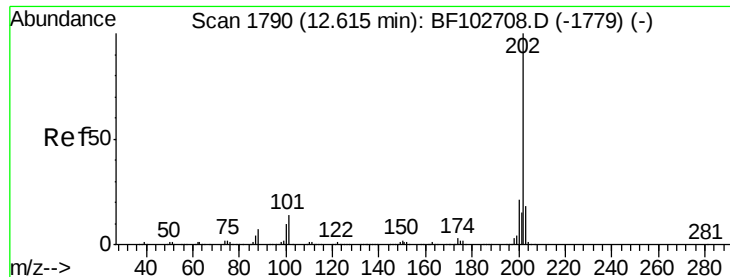
#71
Anthracene
Concen: 19.57 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:178 Resp: 445851
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.6 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: 45.91 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

Instrument :

BNA_F

ClientSampled :

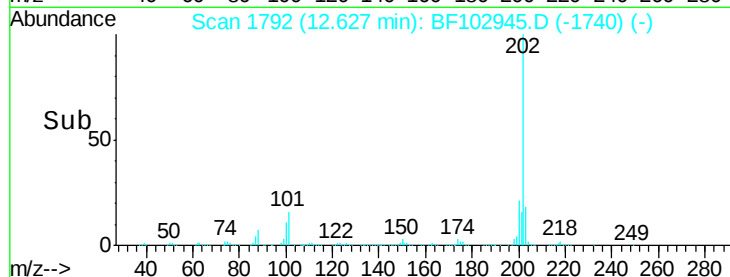
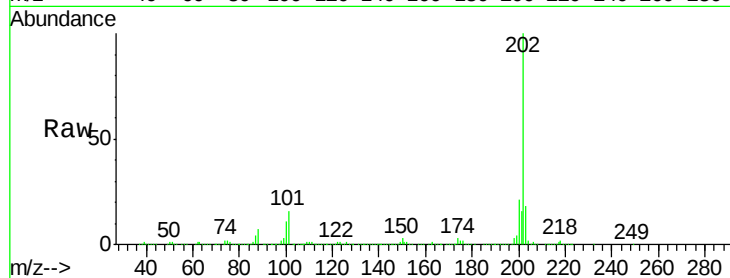
Tot Ion:202 Resp: 1034648

Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.1

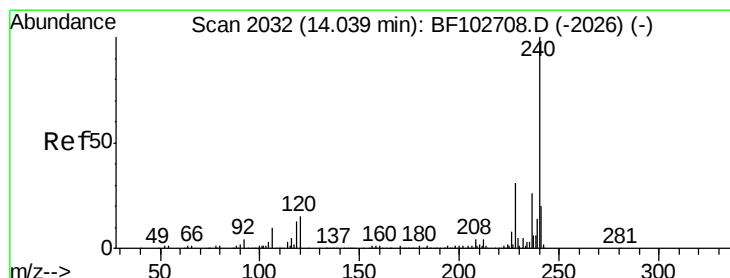
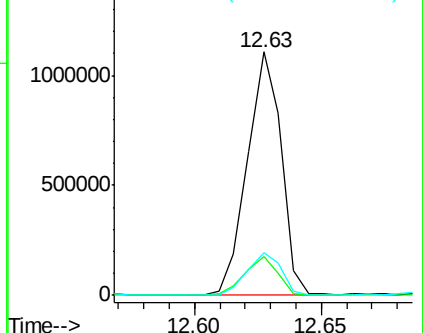
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

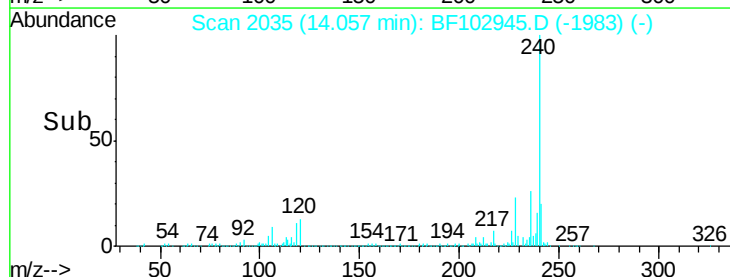
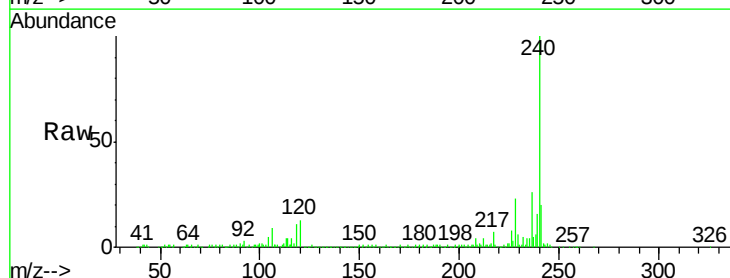
Tgt Ion:240 Resp: 304441

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

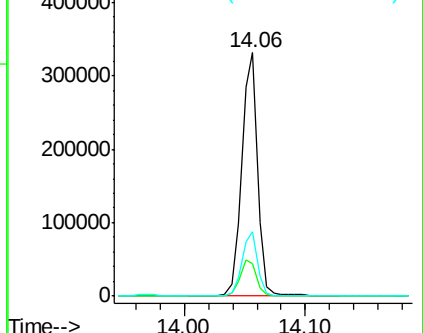
236 26.3 20.7 31.1

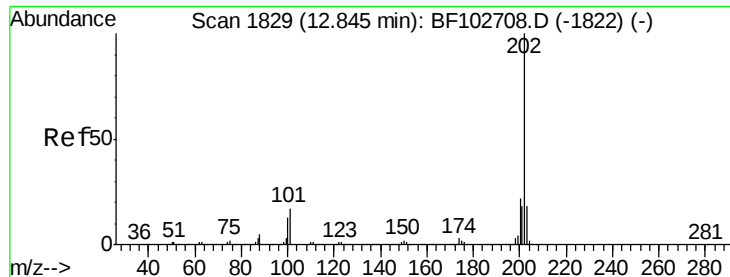


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

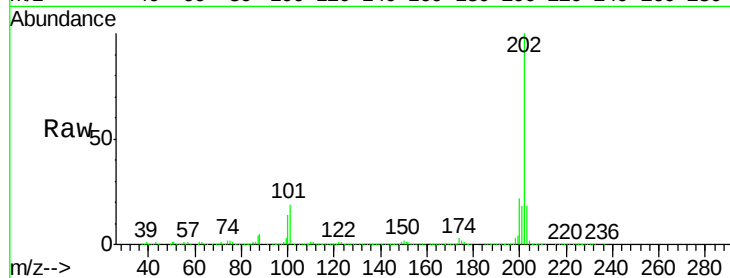




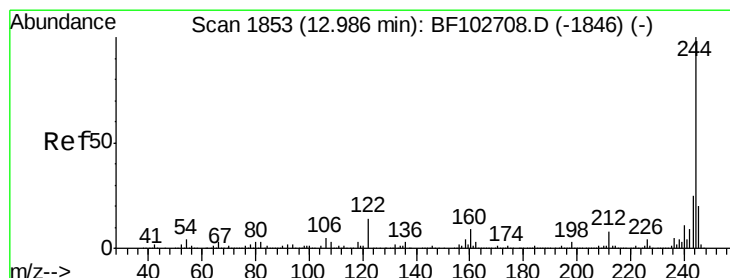
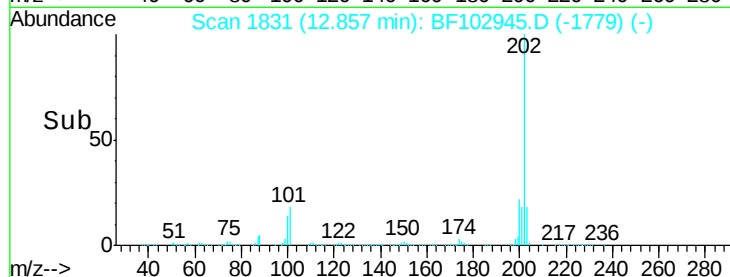
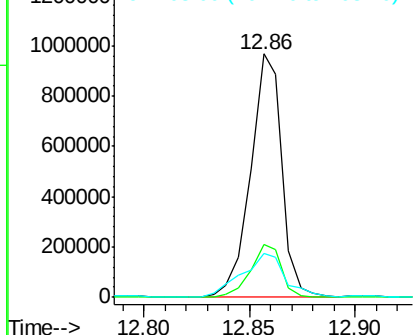
#77
Pvrene
Concen: 41.69 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 995208
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.0 14.3 21.5

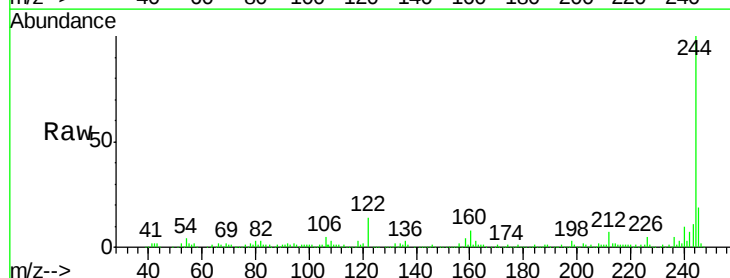


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

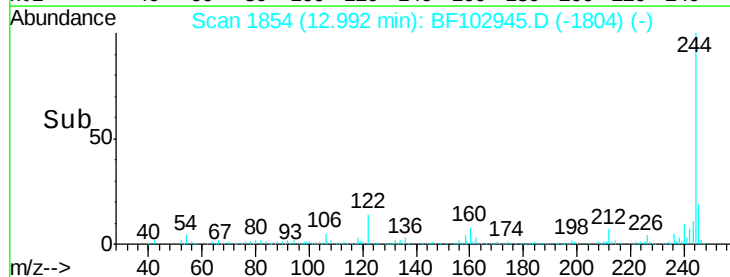
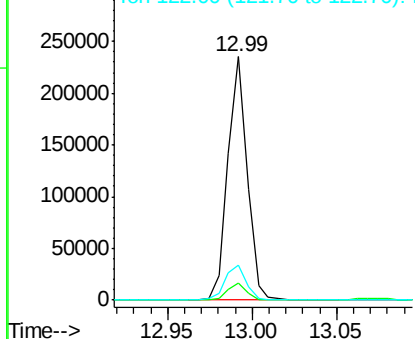


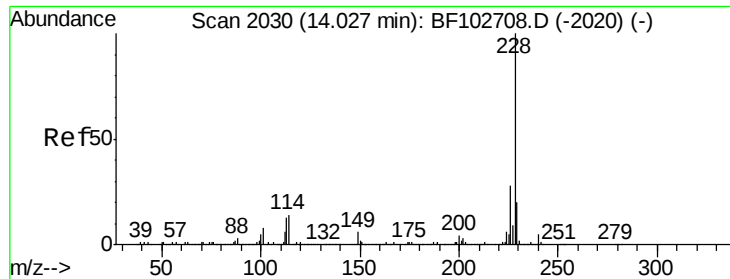
#78
Terphenyl-d14
Concen: 14.57 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:244 Resp: 187396
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 14.3 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

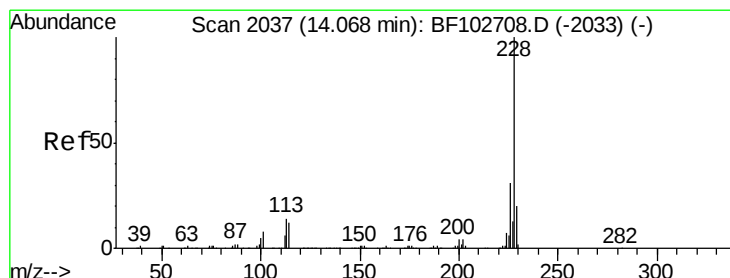
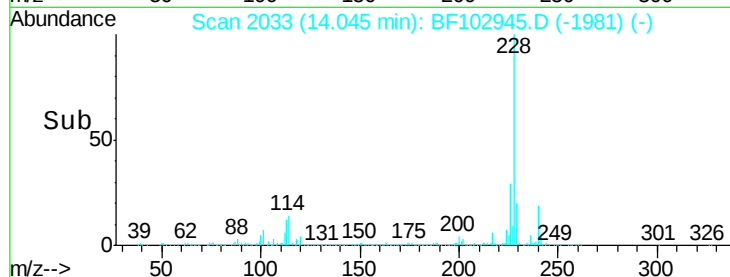
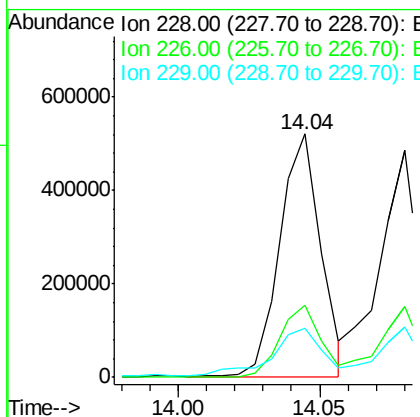
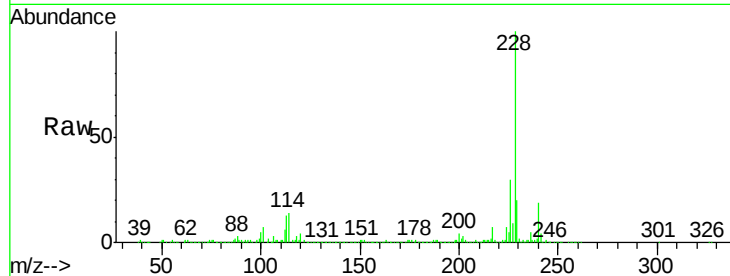




#80
Benzo(a)anthracene
Concen: 27.12 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

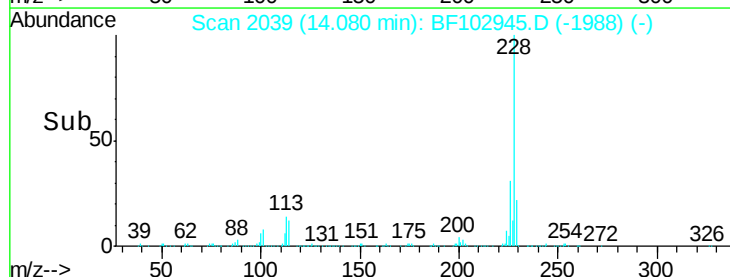
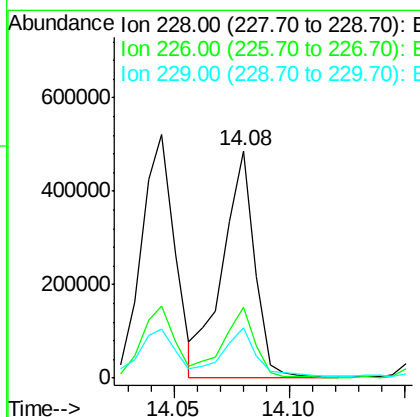
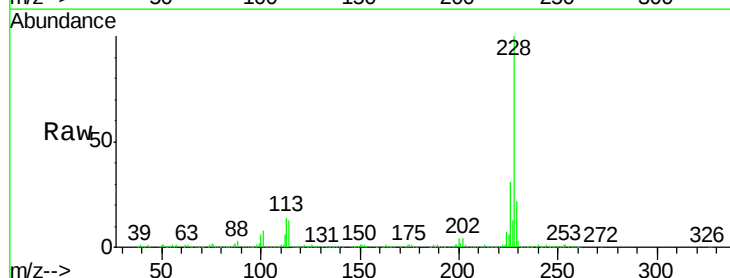
Instrument :
BNA_F
ClientSampleId :

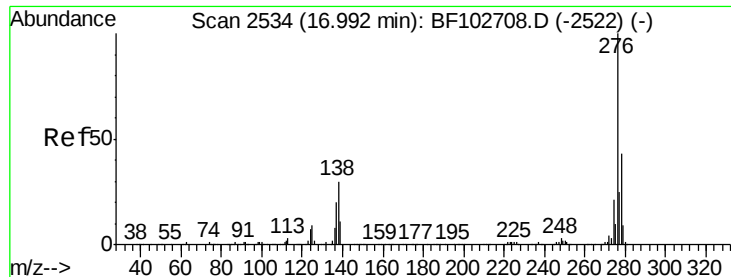
Tot Ion:228 Resp: 519303
Ion Ratio Lower Upper
228 100
226 29.5 22.6 33.8
229 20.3 15.8 23.6



#82
Chrysene
Concen: 24.26 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:228 Resp: 468173
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 22.3 16.2 24.4

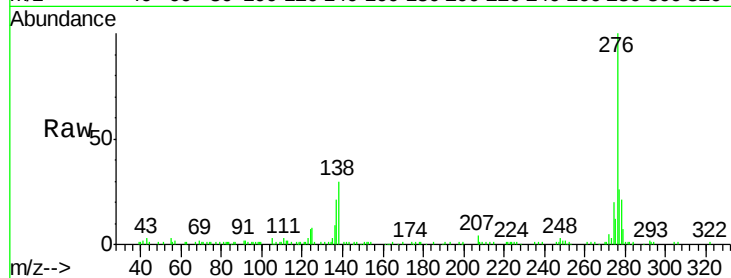




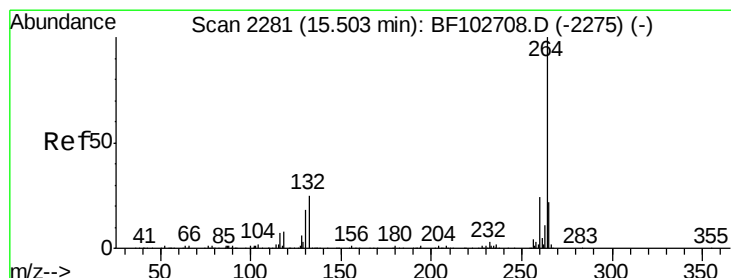
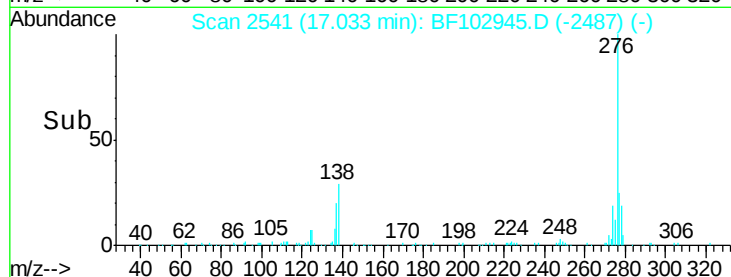
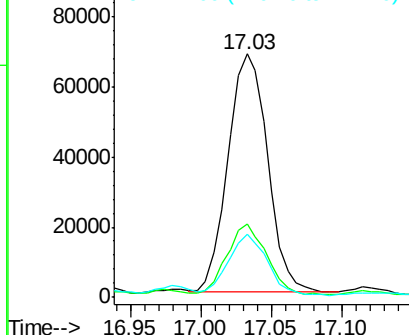
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.29 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	25.7	20.1	30.1

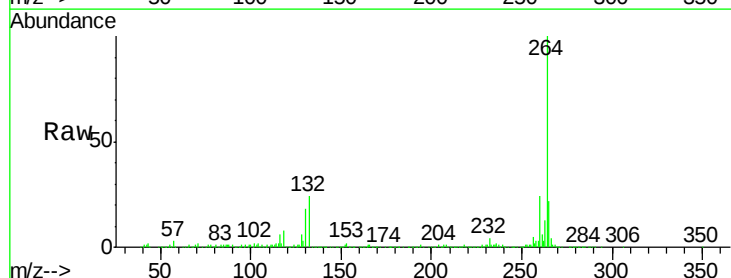


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

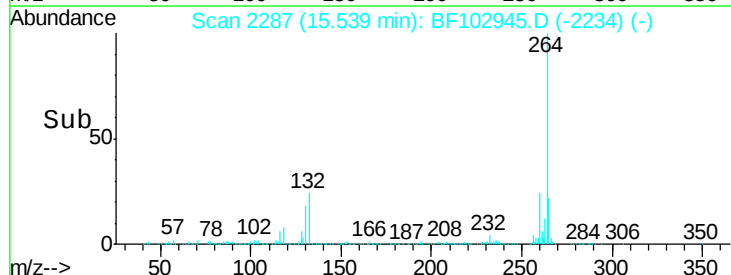
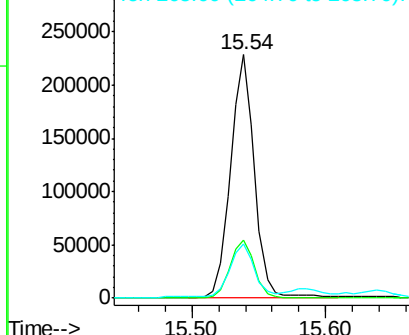


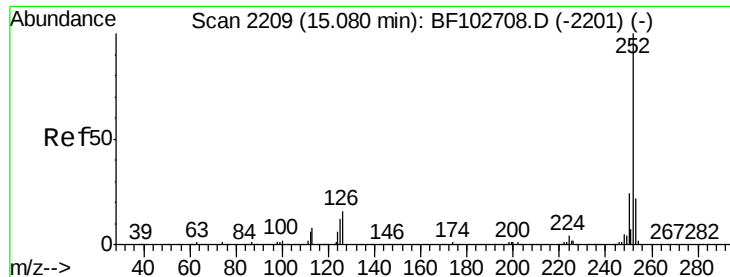
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.5	26.3



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

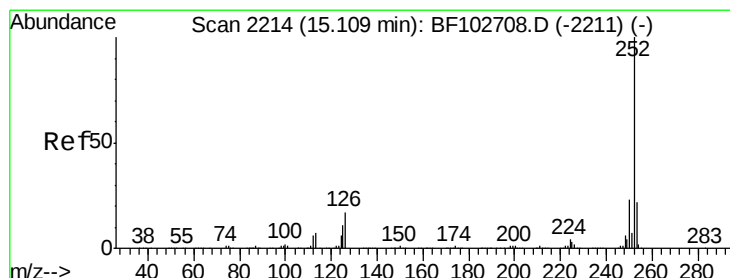
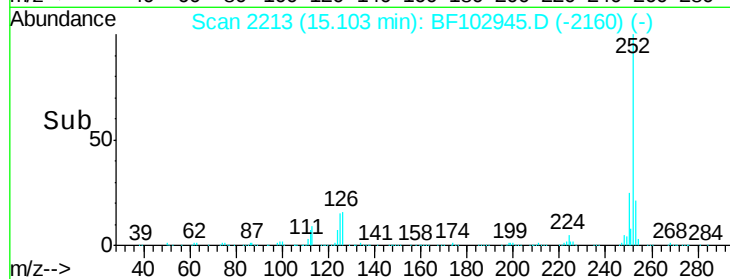
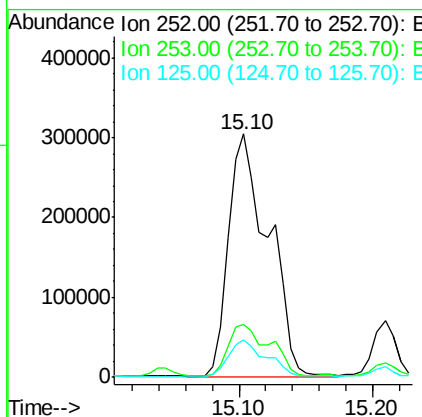
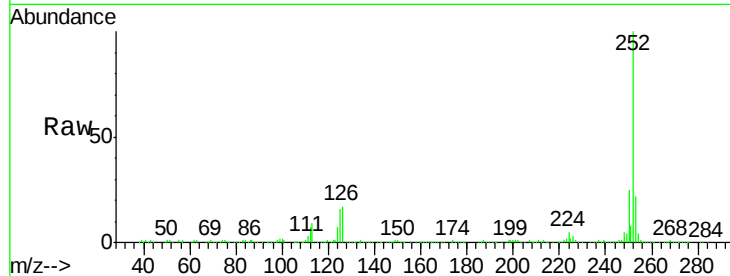




#87
Benzo(b)fluoranthene
Concen: 34.30 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

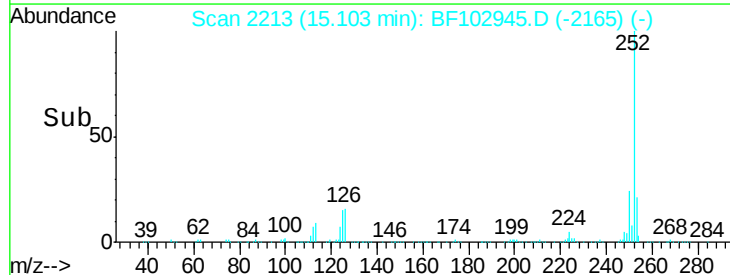
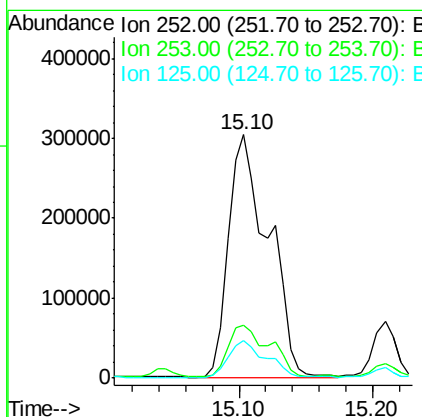
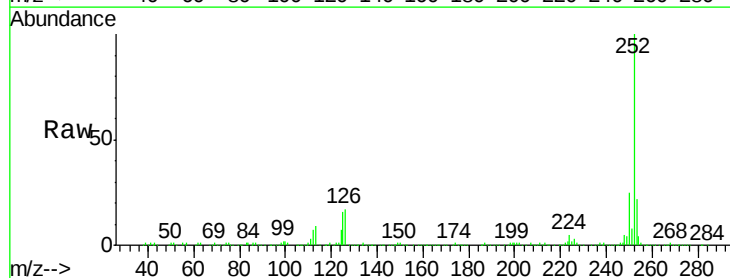
Instrument :
BNA_F
ClientSampleId :

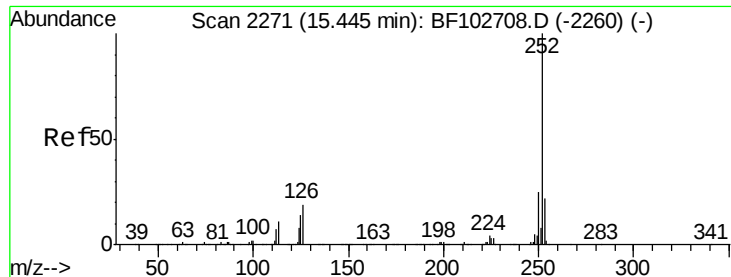
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	15.7	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 35.89 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	15.7	10.2	15.2#

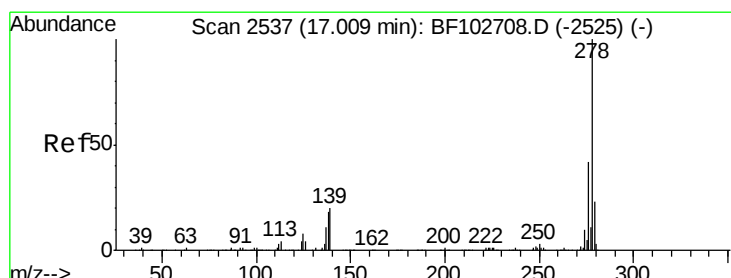
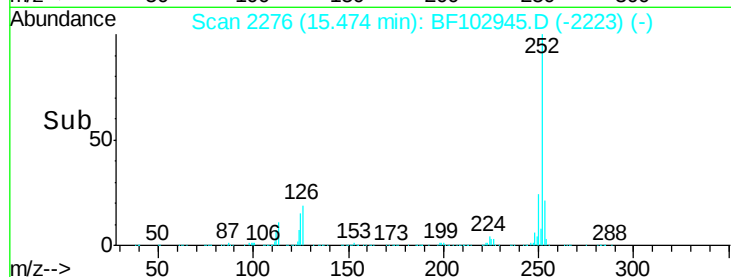
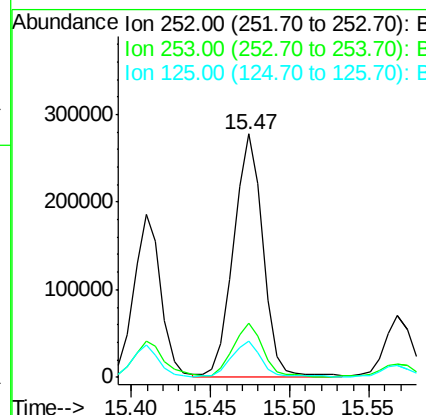
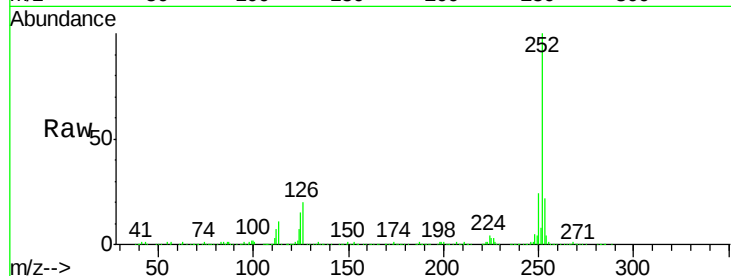




#89
Benzo(a)pyrene
Concen: 21.26 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

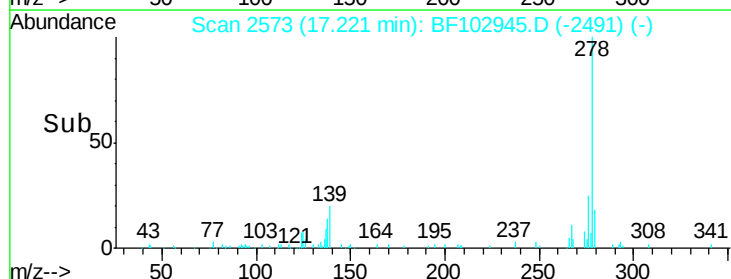
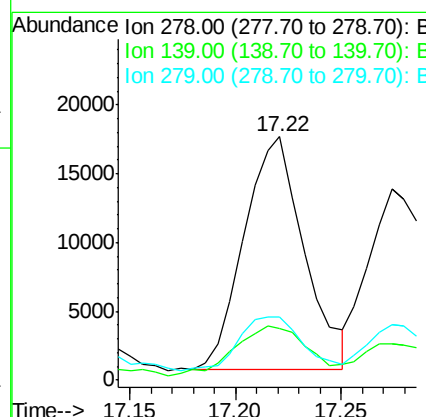
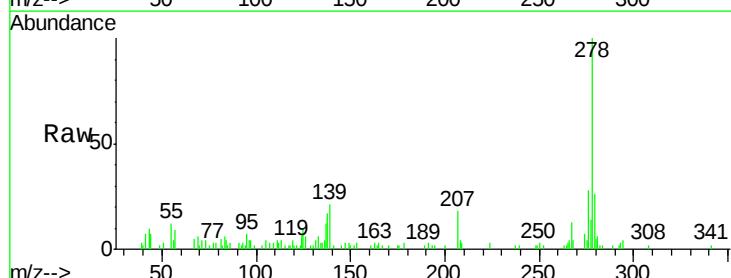
Instrument :
BNA_F
ClientSampleId :

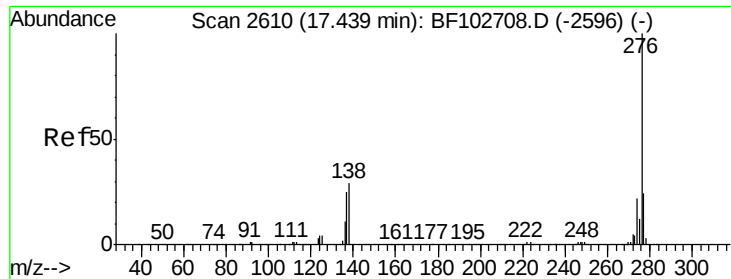
Tot Ion:252 Resp: 353361
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 15.1 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 2.48 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.18 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:278 Resp: 33448
Ion Ratio Lower Upper
278 100
139 21.5 15.9 23.9
279 26.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 9.41 ng

RT: 17.49 min Scan# 2619

Delta R.T. 0.02 min

Lab File: BF102945.D

Acq: 13 Feb 2018 3:13

Instrument :

BNA_F

ClientSampleId :

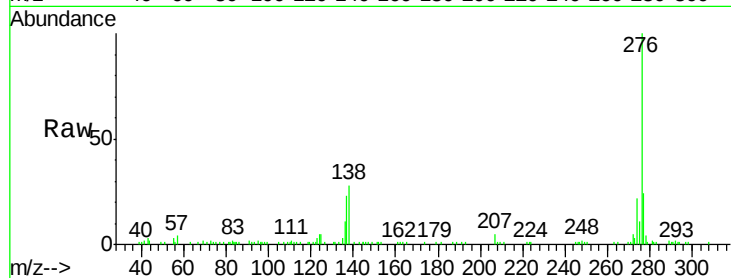
Tot Ion: 276 Resp: 124241

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 28.3 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

