

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076952.D
 Acq On : 20 Jan 2015 6:19
 Operator : IZ / TP
 Sample : G1076-01
 Misc : W
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 07:06:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 06:05:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	37629	20.00	ng	0.01
21) Naphthalene-d8	10.88	136	152117	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	81929	20.00	ng	0.00
63) Phenanthrene-d10	17.79	188	132040	20.00	ng	0.01
75) Chrysene-d12	21.28	240	121505	20.00	ng	0.01
86) Perylene-d12	22.92	264	118010	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.04	112	203130	88.76	ng	0.00
7) Phenol-d6	7.37	99	293339	101.60	ng	-0.01
23) Nitrobenzene-d5	9.27	82	182858	66.60	ng	0.00
41) 2,4,6-Tribromophenol	16.68	330	40891	61.49	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	336731	62.55	ng	0.00
78) Terphenyl-d14	20.00	244	302126	57.24	ng	0.00

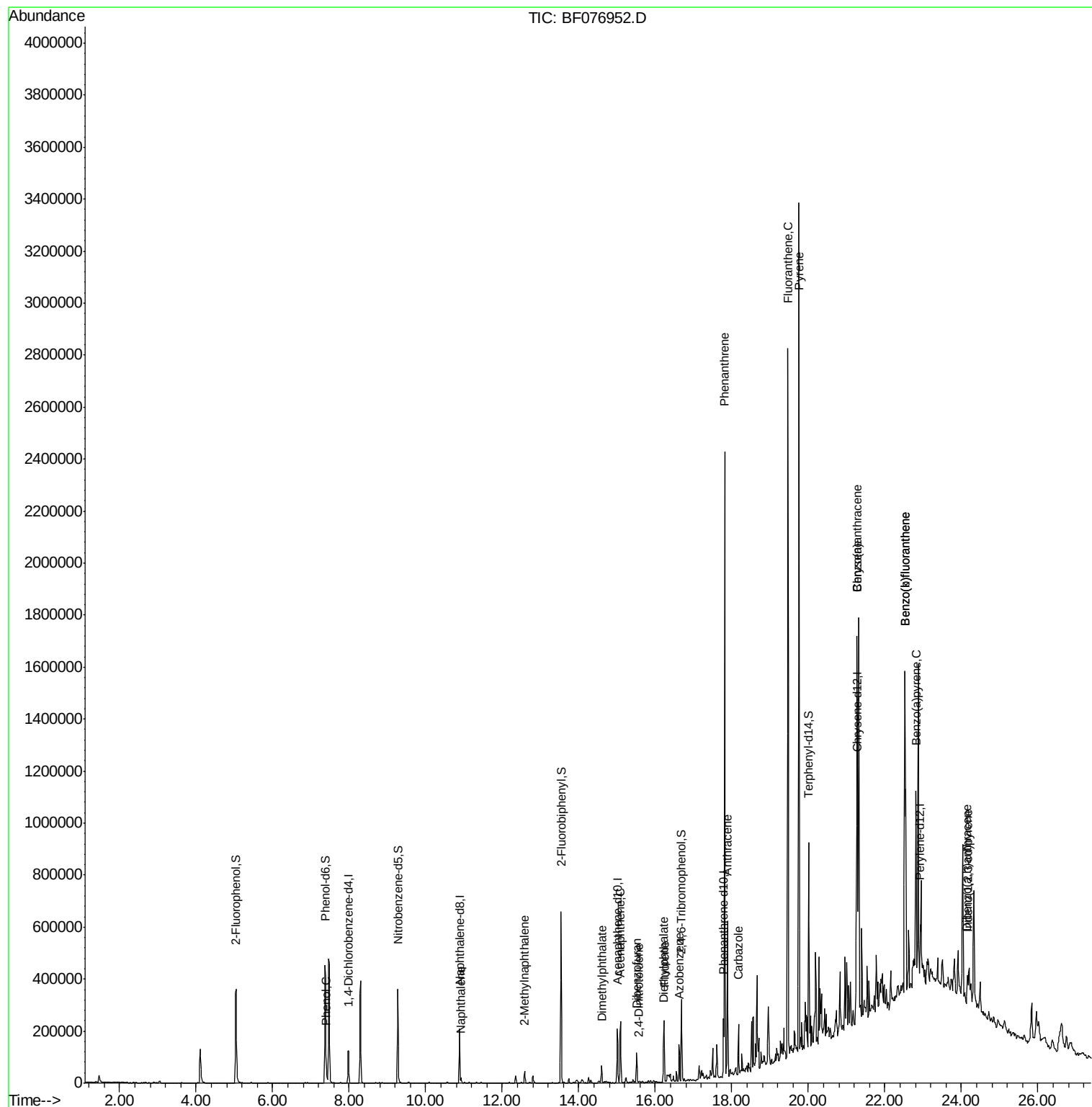
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.41	94	11415	3.72	ng	# 66
31) Naphthalene	10.93	128	17785	2.27	ng	98
37) 2-Methylnaphthalene	12.59	142	21589	4.04	ng	94
49) Dimethylphthalate	14.60	163	45047	7.75	ng	# 98
51) Acenaphthene	15.09	154	95543	19.97	ng	96
54) Dibenzofuran	15.51	168	77909	11.18	ng	97
56) 2,4-Dinitrotoluene	15.58	165	209	2.23	ng	# 25
57) Fluorene	16.23	166	91252	15.46	ng	98
59) Diethylphthalate	16.21	149	52550	8.95	ng	97
62) Azobenzene	16.62	77	40750	6.66	ng	# 1
70) Phenanthrene	17.82	178	1113395	135.22	ng	99
71) Anthracene	17.89	178	282743	35.21	ng	99
72) Carbazole	18.17	167	84484	10.85	ng	98
74) Fluoranthene	19.47	202	1685763	199.80	ng	97
77) Pyrene	19.75	202	1361610	163.51	ng	# 89
80) Benzo(a)anthracene	21.27	228	787520	103.31	ng	99
82) Chrysene	21.27	228	779041	112.06	ng	97
85) Indeno(1,2,3-cd)pyrene	24.16	276	16933	2.30	ng	# 36
87) Benzo(b)fluoranthene	22.53	252	1115345	140.33	ng	98
88) Benzo(k)fluoranthene	22.53	252	1115345	160.62	ng	# 96
89) Benzo(a)pyrene	22.81	252	396182	56.51	ng	# 96
90) Dibenz(a,h)anthracene	24.15	278	66994	10.41	ng	# 93

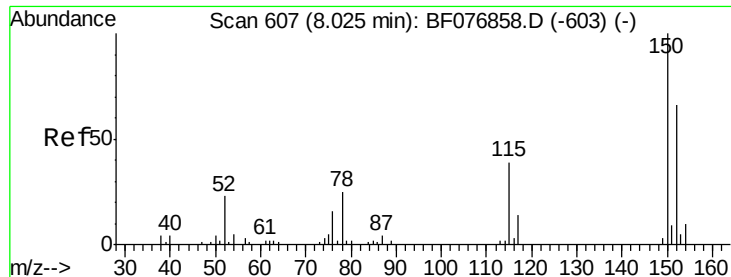
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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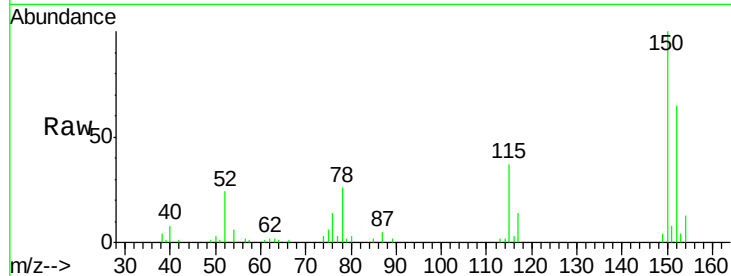


#1

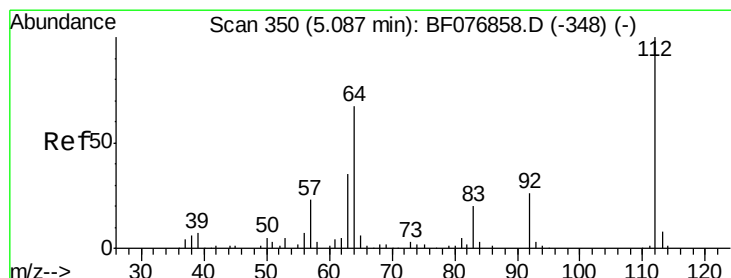
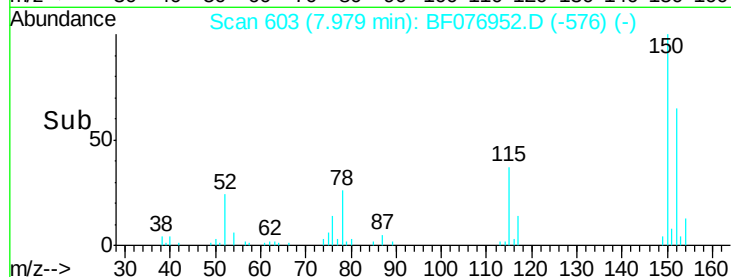
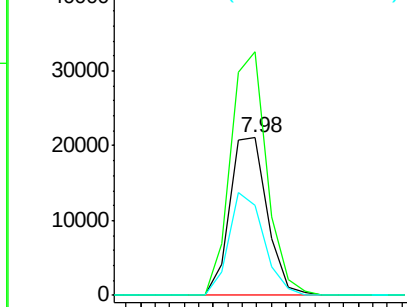
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 37629
Ion Ratio Lower Upper
152 100
150 154.8 121.7 182.5
115 57.5 47.0 70.6



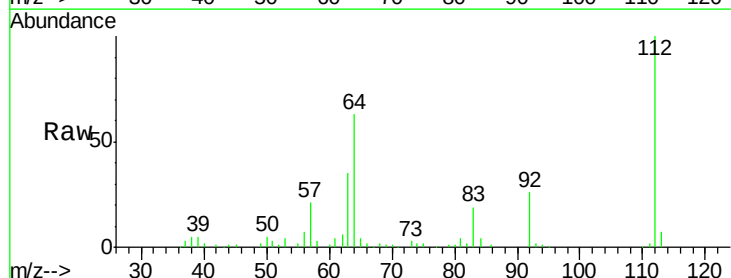
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



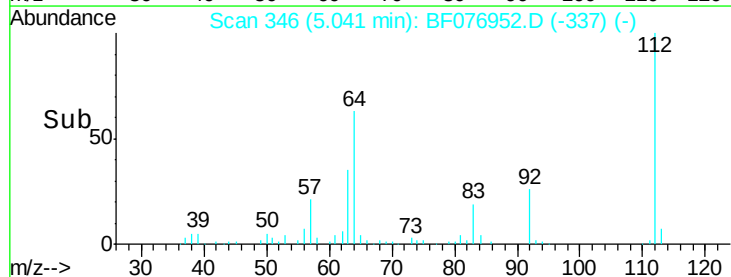
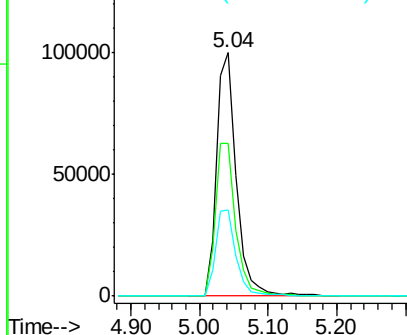
#5

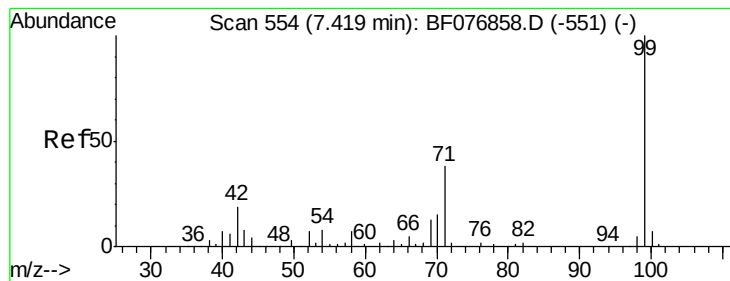
2-Fluorophenol
Concen: 88.76 ng
RT: 5.04 min Scan# 346
Delta R.T. 0.00 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Tgt Ion:112 Resp: 203130
Ion Ratio Lower Upper
112 100
64 62.7 54.2 81.4
63 35.4 28.4 42.6



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: 101.60 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

Instrument :

BNA_F

ClientSampleId :

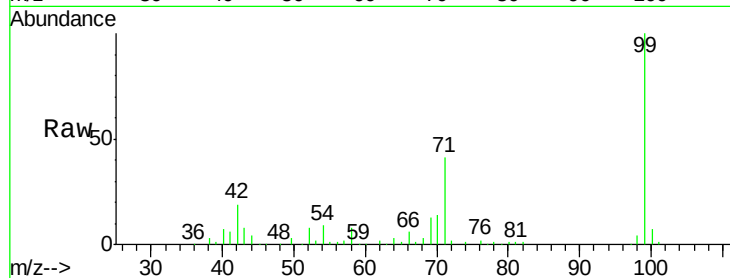
Tot Ion: 99 Resp: 293339

Ion Ratio Lower Upper

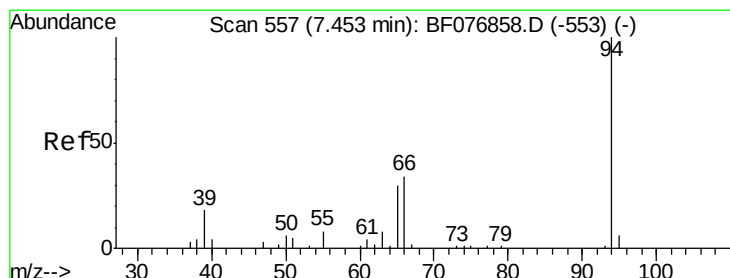
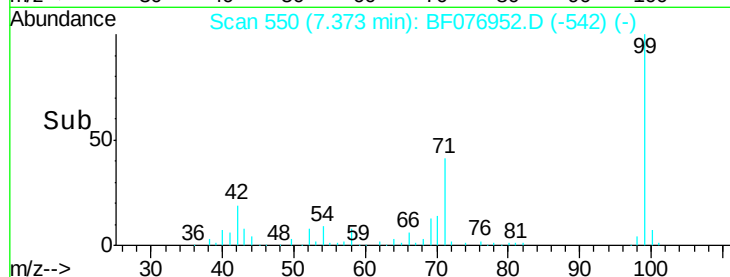
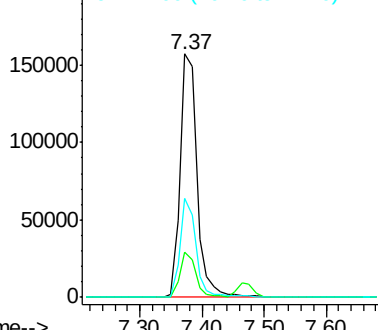
99 100

42 18.6 15.0 22.4

71 40.8 30.5 45.7



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



#10

Phenol

Concen: 3.72 ng

RT: 7.41 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

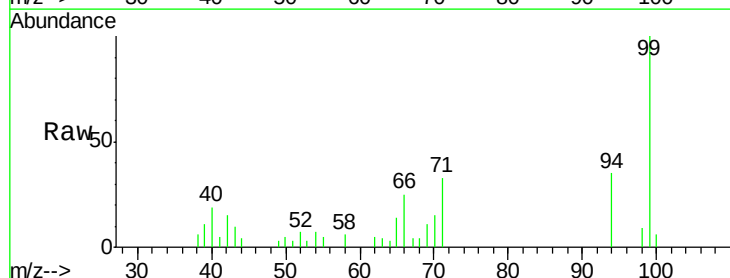
Tgt Ion: 94 Resp: 11415

Ion Ratio Lower Upper

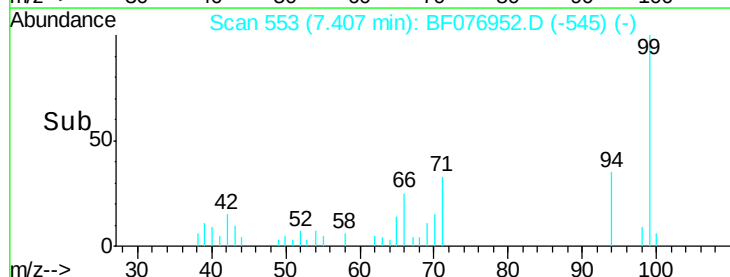
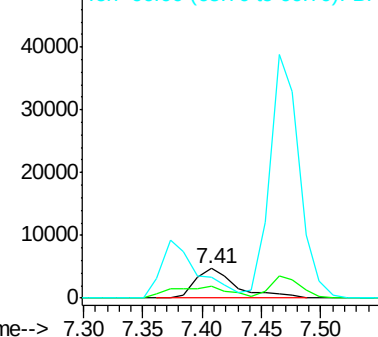
94 100

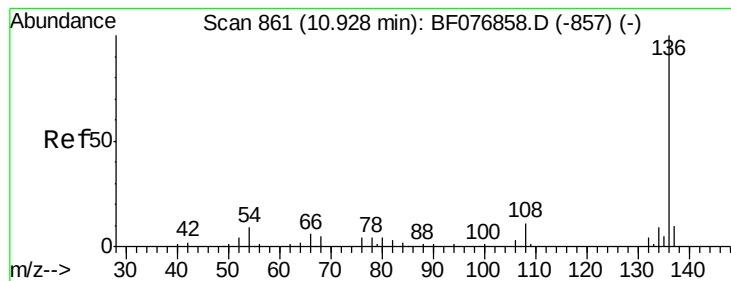
65 39.5 11.3 51.3

66 69.9 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 152117

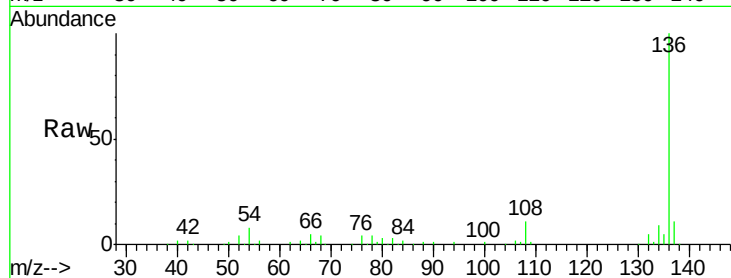
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 7.9 7.0 10.4

68 4.6 3.7 5.5

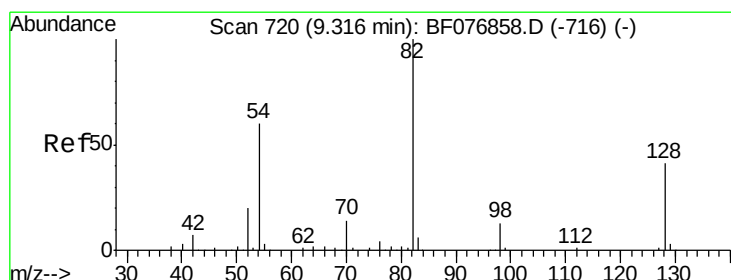
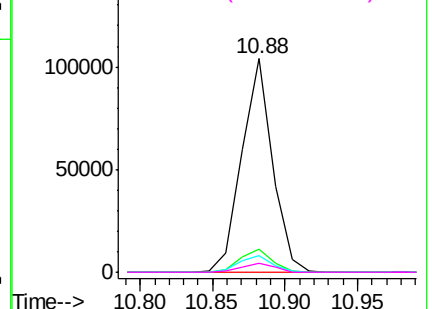
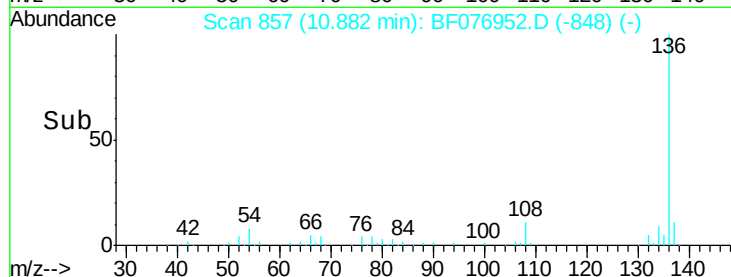


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 66.60 ng

RT: 9.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

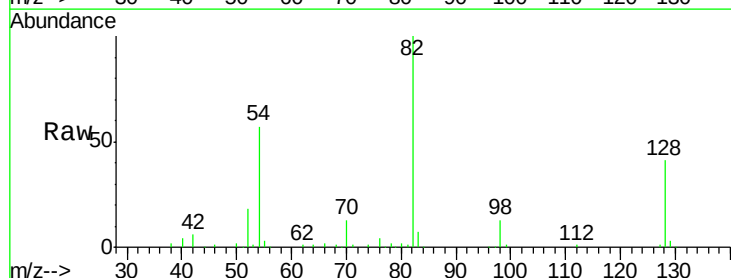
Tgt Ion: 82 Resp: 182858

Ion Ratio Lower Upper

82 100

128 41.2 33.1 49.7

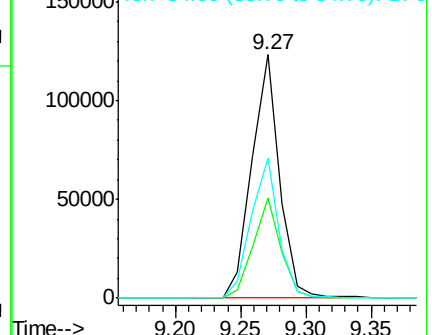
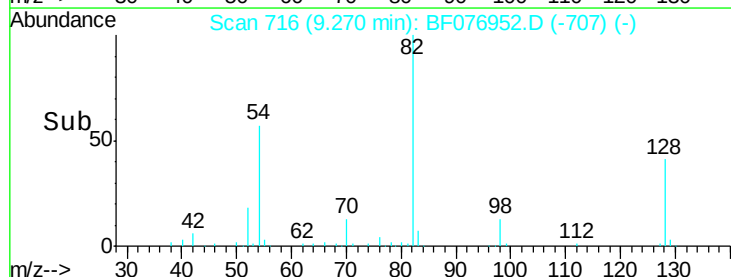
54 57.3 48.3 72.5

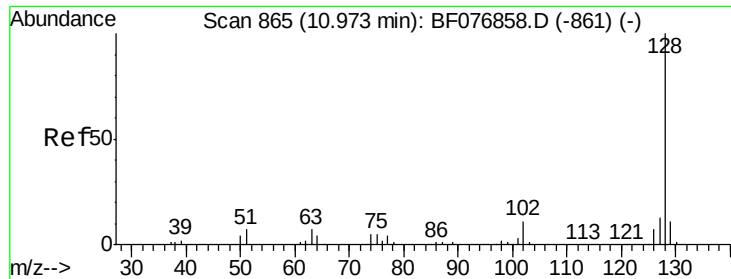


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

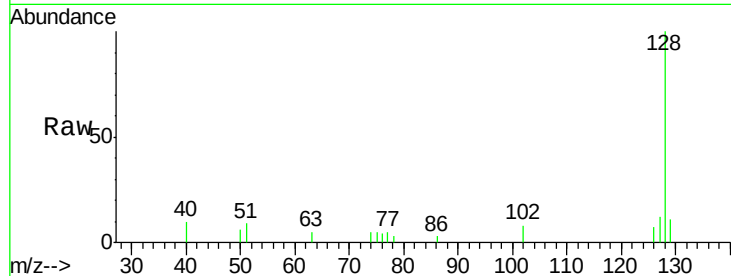




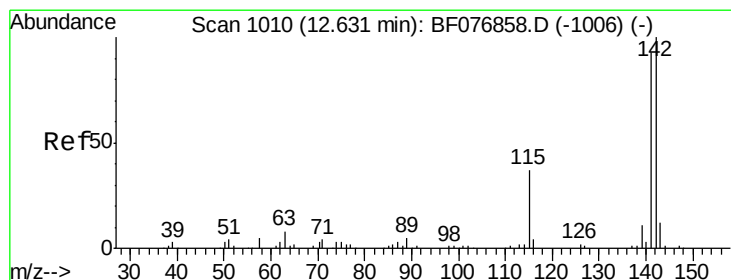
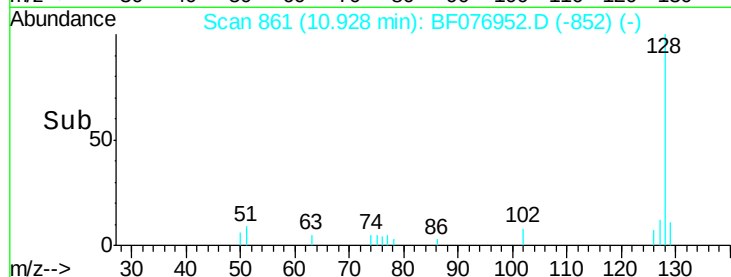
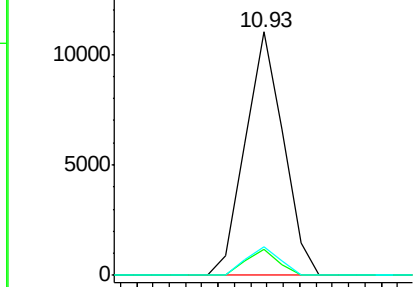
#31
Naphthalene
Concen: 2.27 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 17785
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 11.7 10.2 15.2

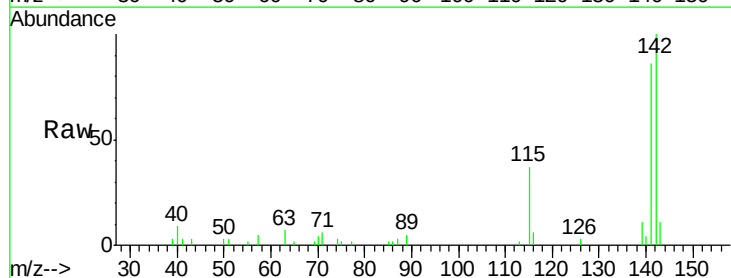


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

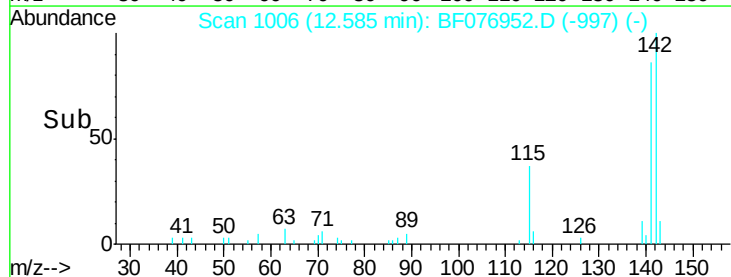
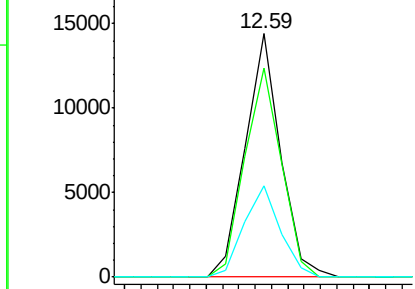


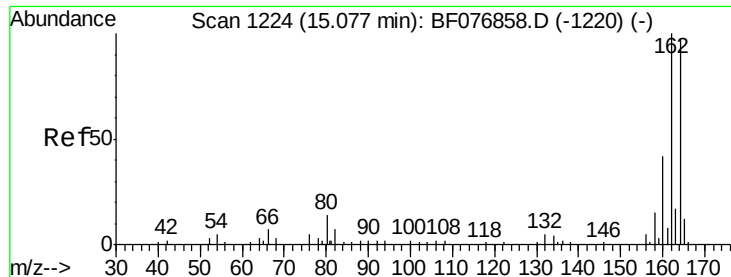
#37
2-Methylnaphthalene
Concen: 4.04 ng
RT: 12.59 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Tgt Ion:142 Resp: 21589
Ion Ratio Lower Upper
142 100
141 85.7 74.5 111.7
115 37.4 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

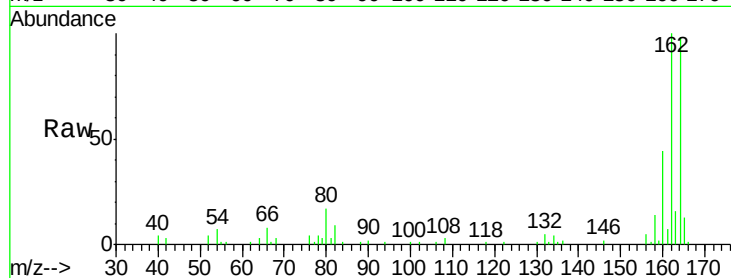




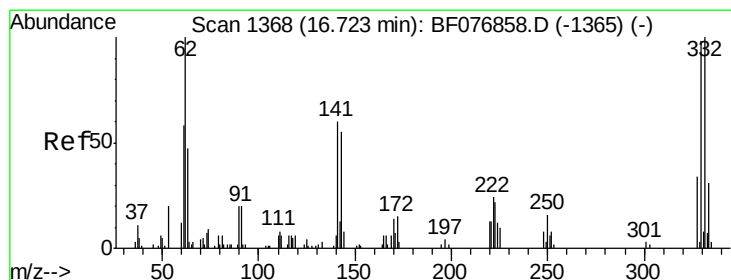
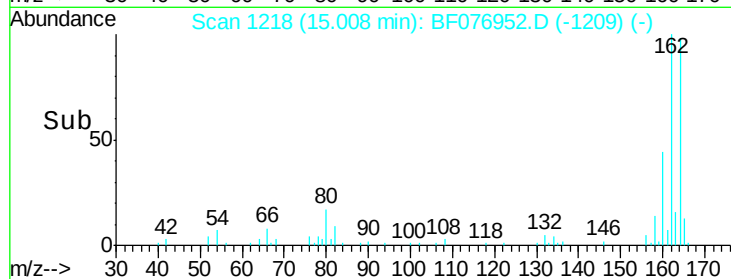
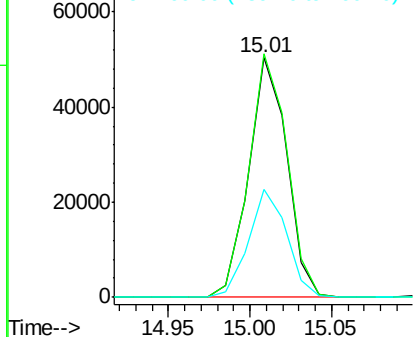
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BF076952.D
 Acq: 20 Jan 2015 6:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 81929
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.4 123.6
 160 45.0 34.8 52.2

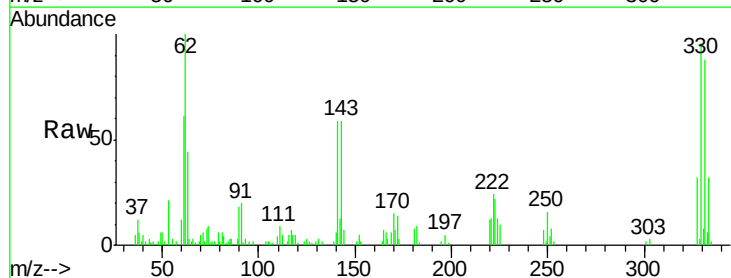


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

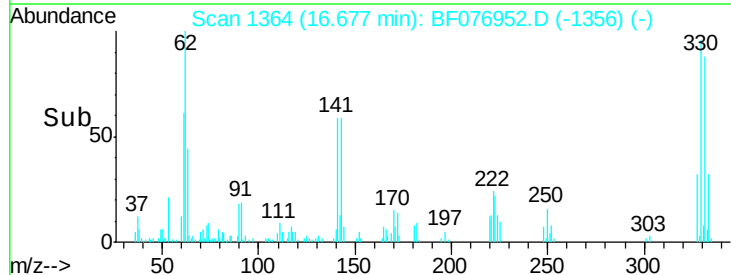
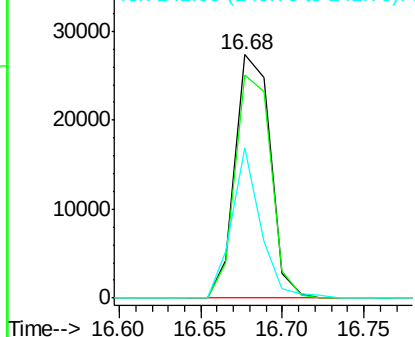


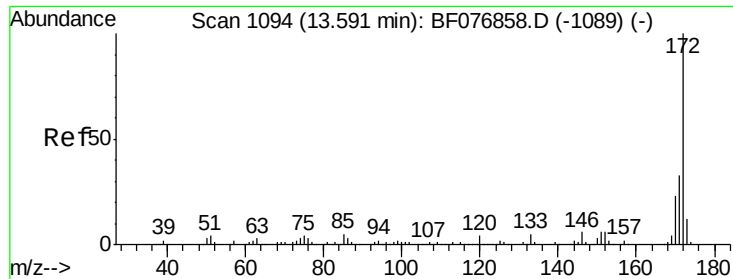
#41
 2,4,6-Tribromophenol
 Concen: 61.49 ng
 RT: 16.68 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF076952.D
 Acq: 20 Jan 2015 6:19

Tgt Ion:330 Resp: 40891
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.8 116.6
 141 51.0 38.5 57.7



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

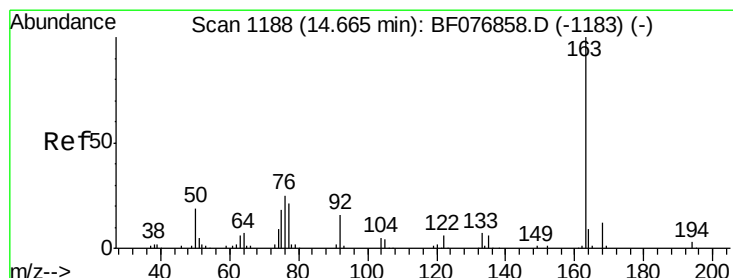
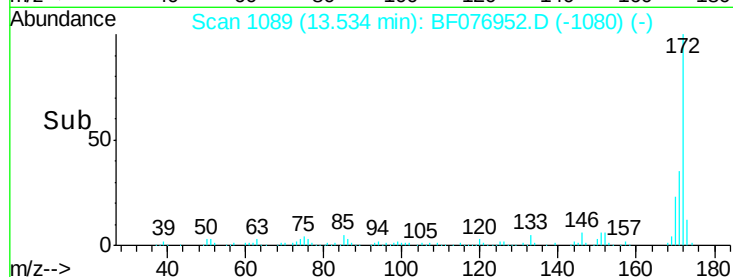
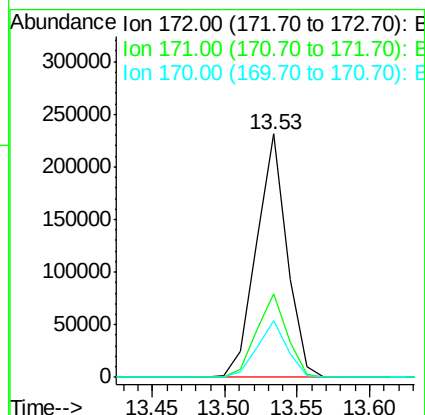
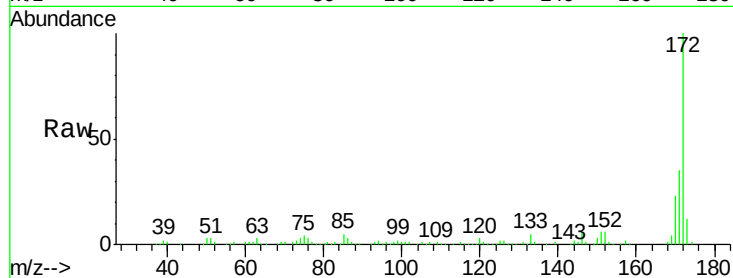




#44
2-Fluorobiphenyl
Concen: 62.55 ng
RT: 13.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

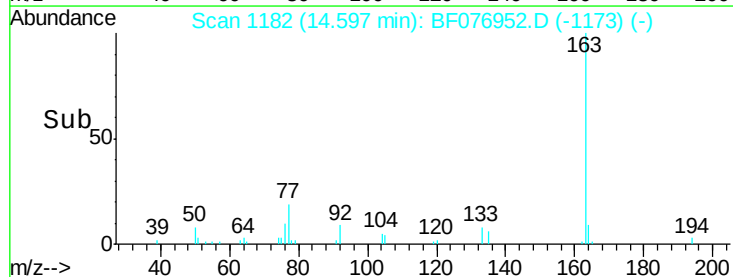
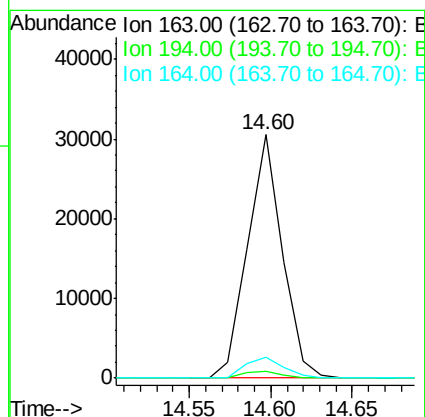
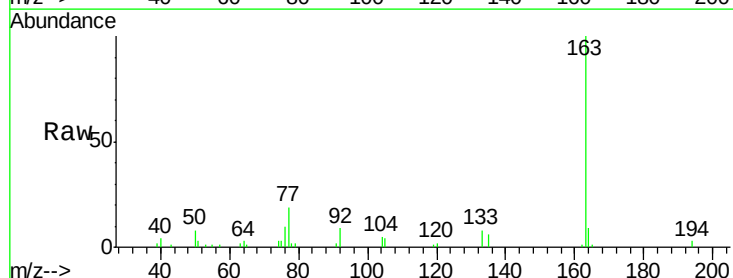
Instrument :
BNA_F
ClientSampleId :

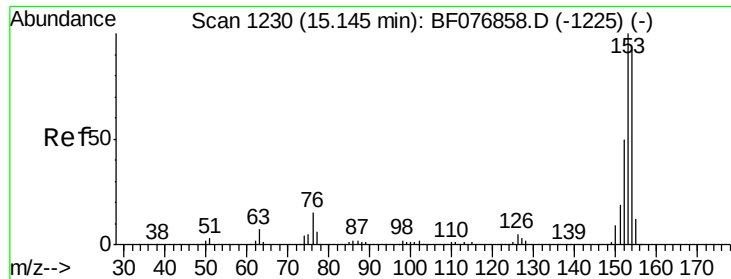
Tot Ion:172 Resp: 336731
Ion Ratio Lower Upper
172 100
171 34.5 26.6 40.0
170 23.1 18.0 27.0



#49
Dimethylphthalate
Concen: 7.75 ng
RT: 14.60 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Tgt Ion:163 Resp: 45047
Ion Ratio Lower Upper
163 100
194 2.6 2.6 4.0#
164 8.6 7.5 11.3





#51

Acenaphthene

Concen: 19.97 ng

RT: 15.09 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

Instrument :

BNA_F

ClientSampleId :

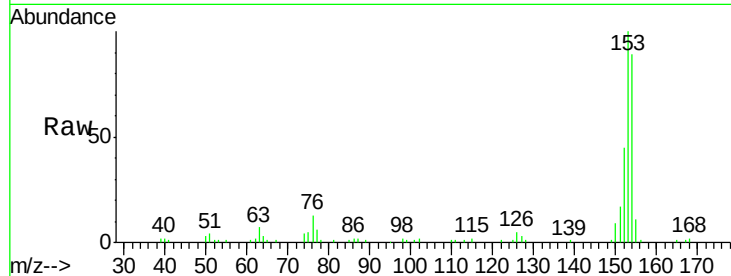
Tot Ion:154 Resp: 95543

Ion Ratio Lower Upper

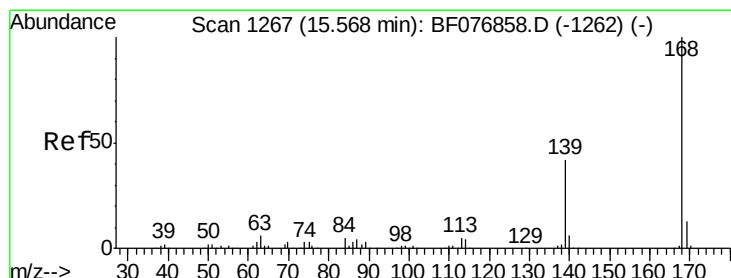
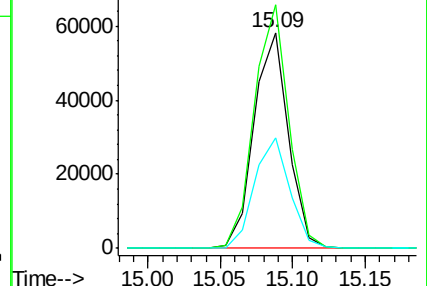
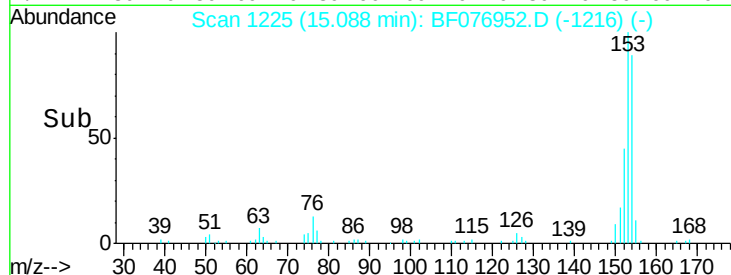
154 100

153 112.8 87.0 130.6

152 51.0 43.5 65.3



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: 11.18 ng

RT: 15.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

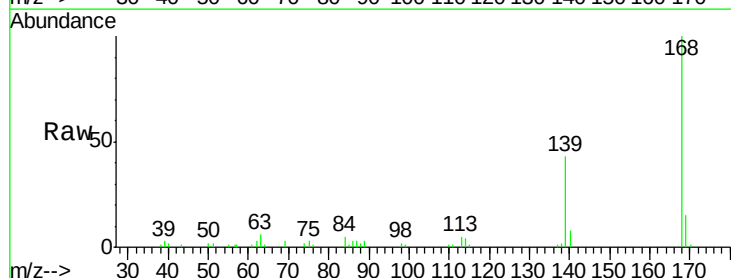
Tgt Ion:168 Resp: 77909

Ion Ratio Lower Upper

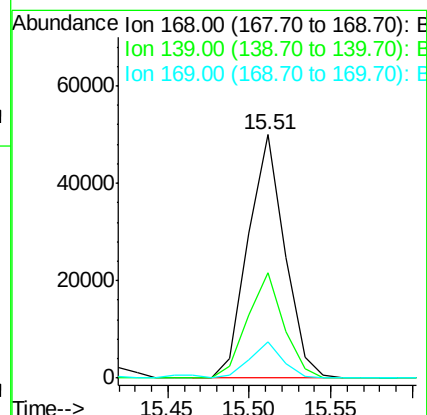
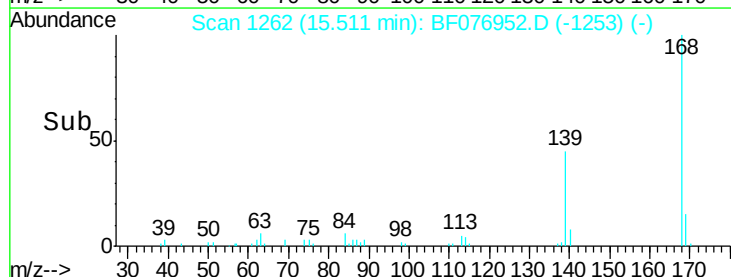
168 100

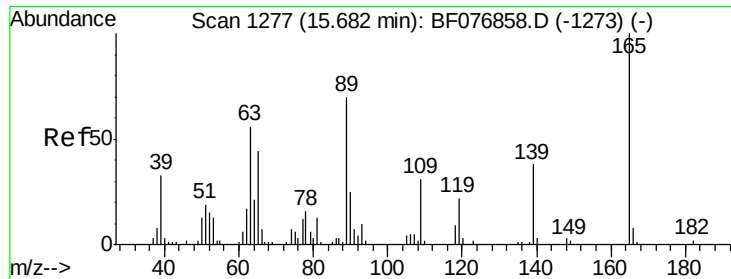
139 43.5 33.4 50.2

169 14.9 10.6 15.8



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

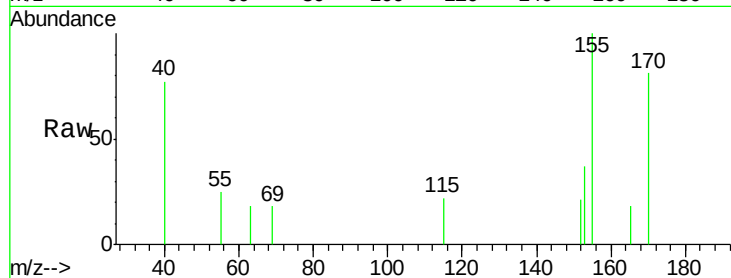




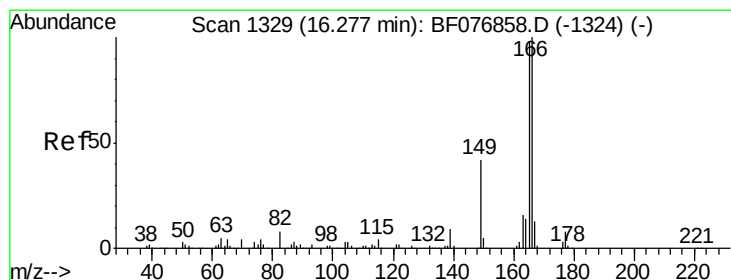
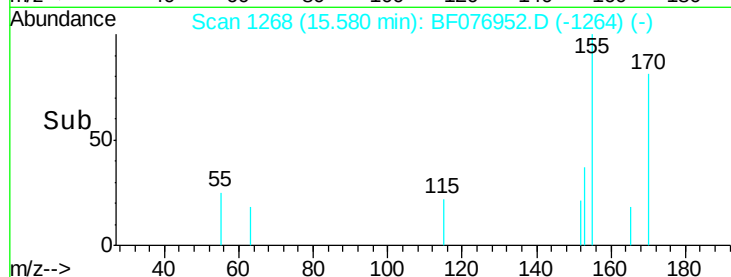
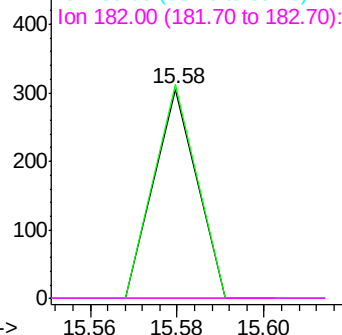
#56
2,4-Dinitrotoluene
Concen: 2.23 ng
RT: 15.58 min Scan# 1268
Delta R.T. -0.06 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 209
Ion Ratio Lower Upper
165 100
63 102.3 44.8 67.2#
89 0.0 56.2 84.2#
182 0.0 1.5 2.3#

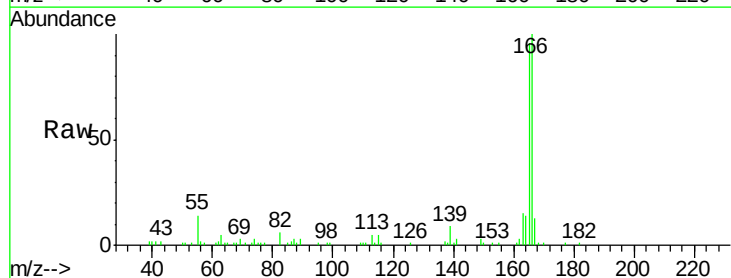


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

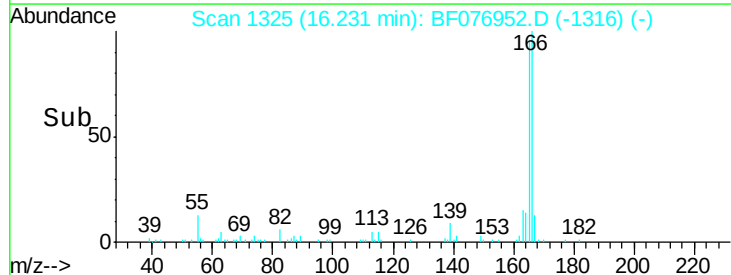
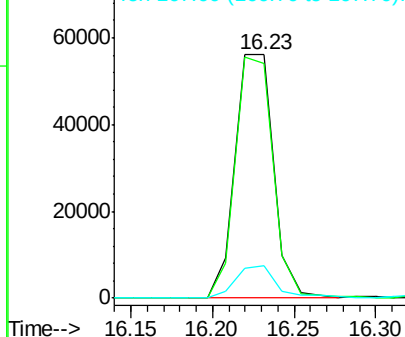


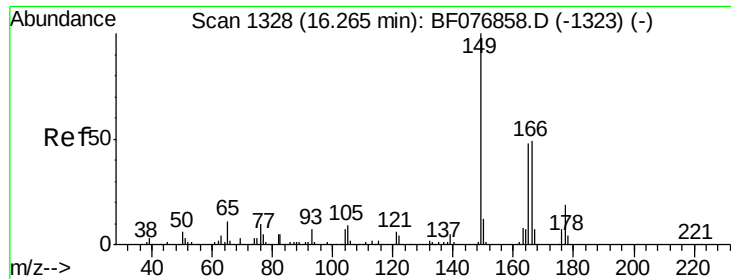
#57
Fluorene
Concen: 15.46 ng
RT: 16.23 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Tgt Ion:166 Resp: 91252
Ion Ratio Lower Upper
166 100
165 96.5 78.5 117.7
167 13.1 10.4 15.6



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

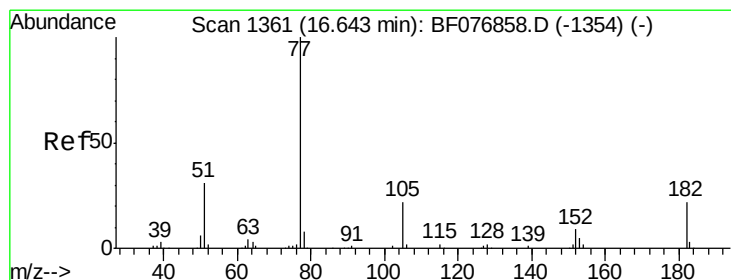
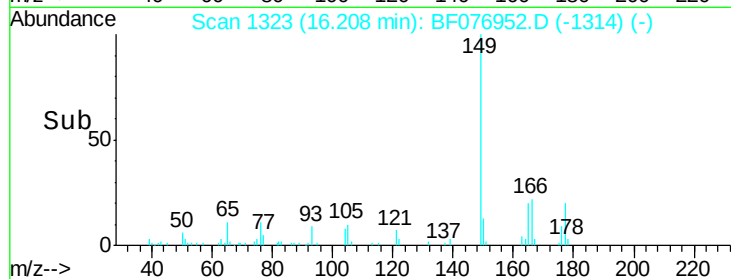
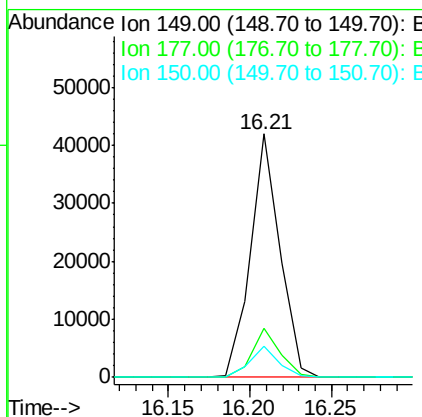
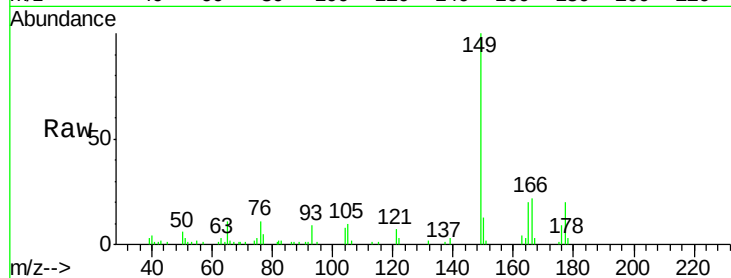




#59
Diethylphthalate
Concen: 8.95 ng
RT: 16.21 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

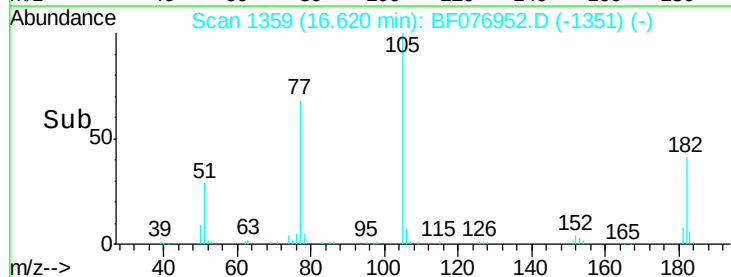
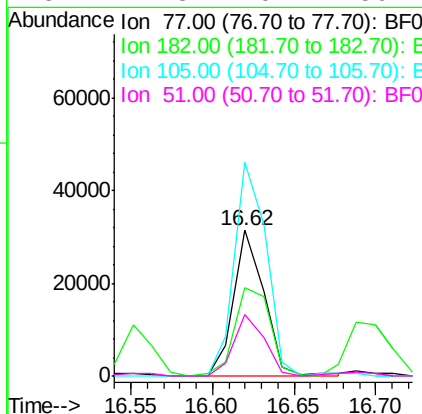
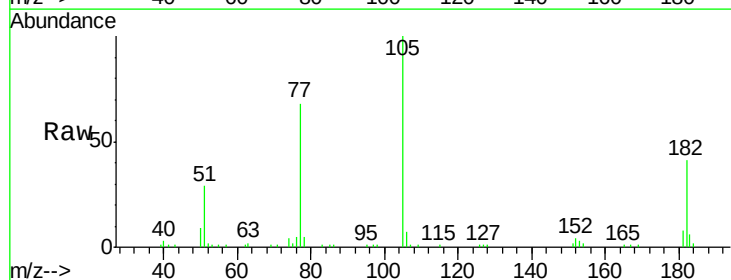
Instrument :
BNA_F
ClientSampleId :

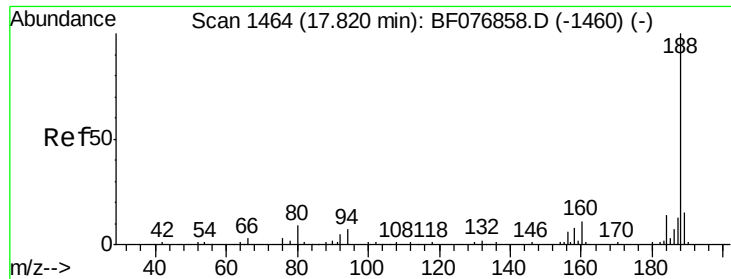
Tot Ion:149 Resp: 52550
Ion Ratio Lower Upper
149 100
177 20.1 15.0 22.6
150 12.8 9.4 14.0



#62
Azobenzene
Concen: 6.66 ng
RT: 16.62 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Tgt Ion: 77 Resp: 40750
Ion Ratio Lower Upper
77 100
182 60.5 2.0 42.0#
105 146.9 2.3 42.3#
51 42.3 10.7 50.7

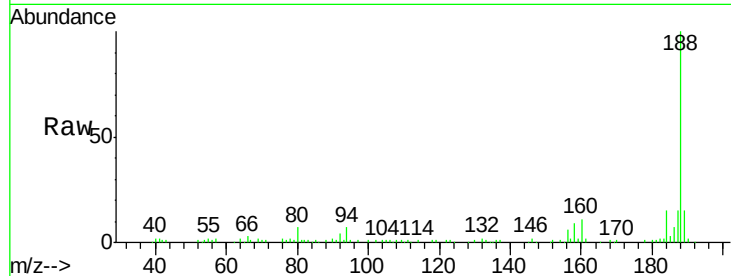




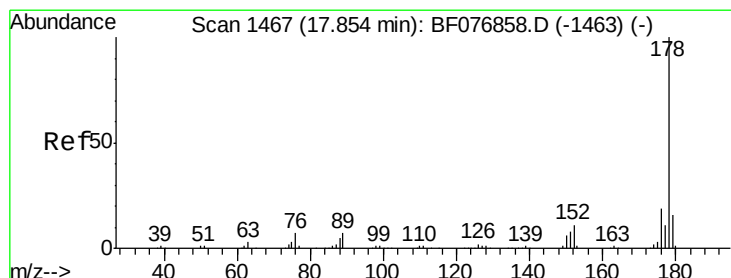
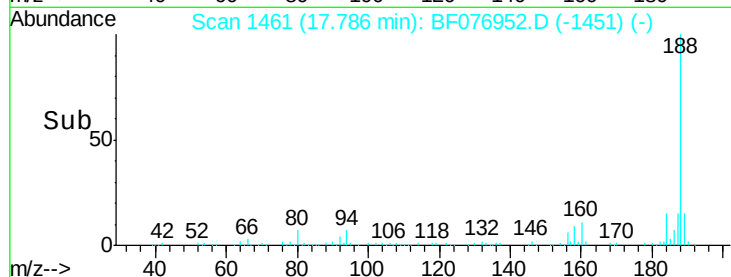
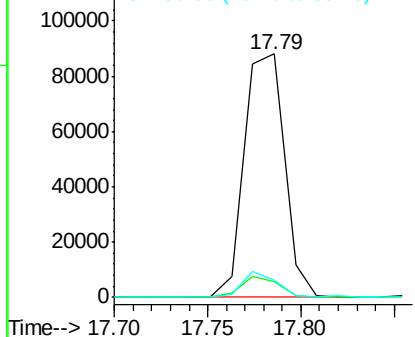
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF076952.D
 Acq: 20 Jan 2015 6:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 132040
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.0 9.0
 80 7.0 6.9 10.3

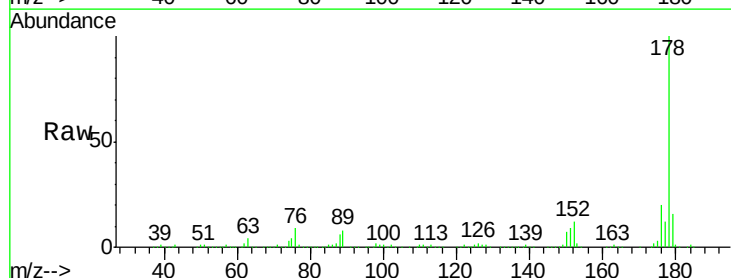


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

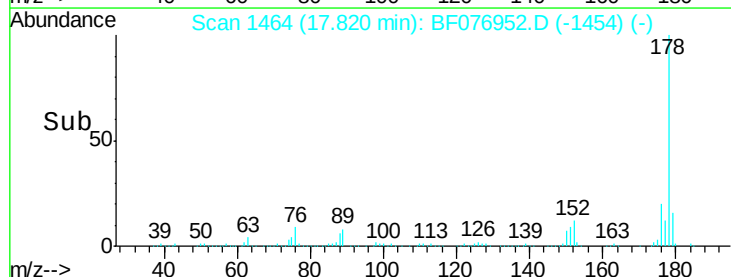
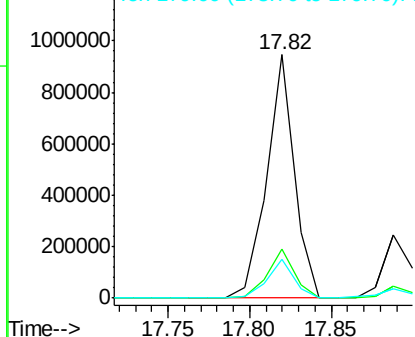


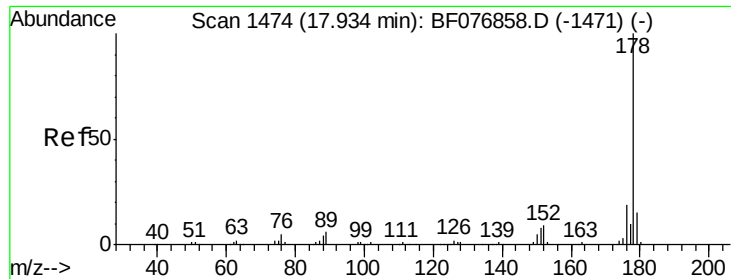
#70
 Phenanthrene
 Concen: 135.22 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF076952.D
 Acq: 20 Jan 2015 6:19

Tgt Ion:178 Resp: 1113395
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.1 22.7
 179 16.1 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





#71

Anthracene

Concen: 35.21 ng

RT: 17.89 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

Instrument :

BNA_F

ClientSampleId :

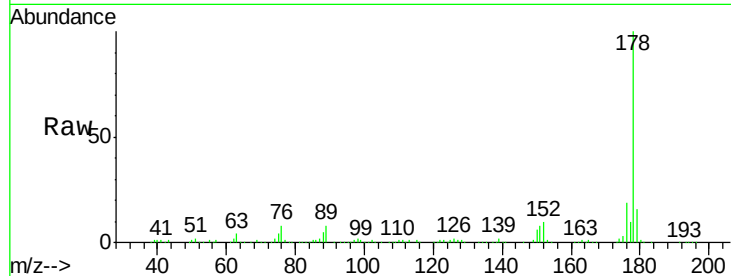
Tot Ion:178 Resp: 282743

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

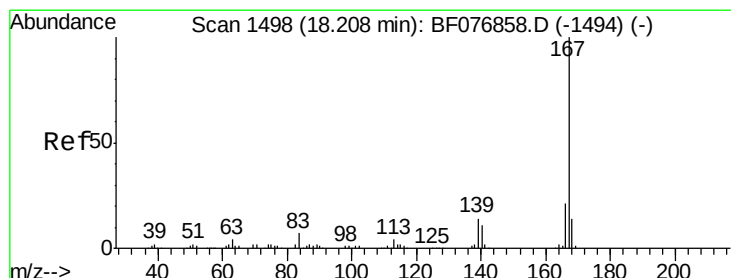
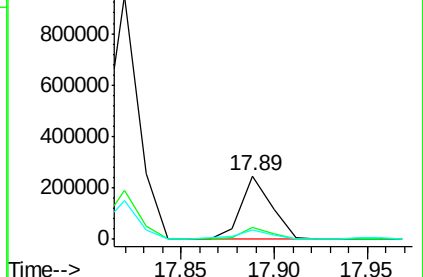
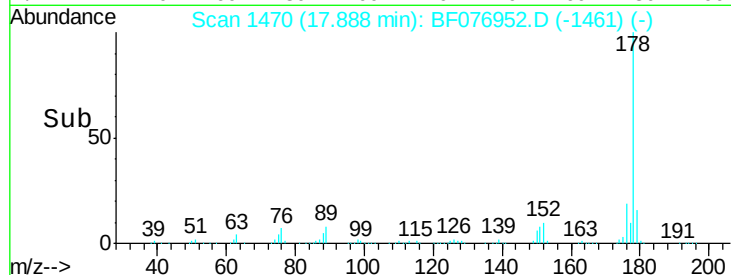
179 15.6 11.9 17.9



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: 10.85 ng

RT: 18.17 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

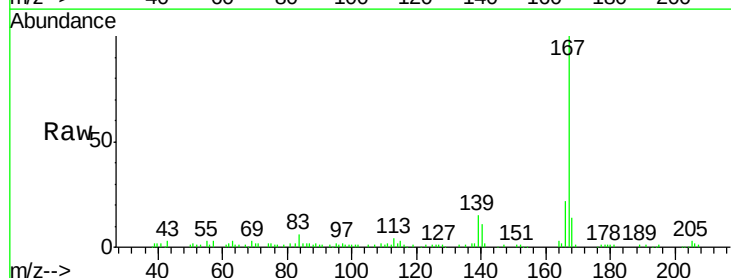
Tgt Ion:167 Resp: 84484

Ion Ratio Lower Upper

167 100

166 22.3 17.0 25.6

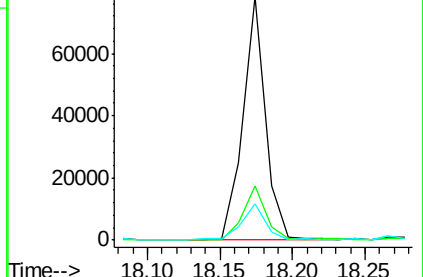
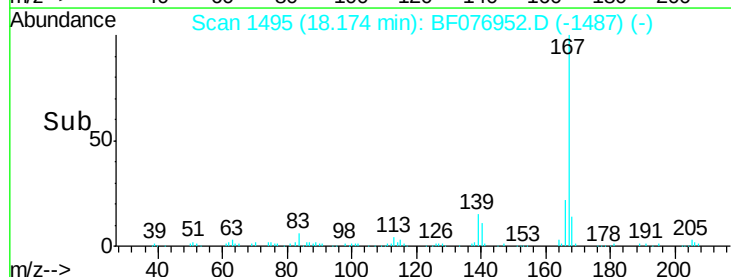
139 15.0 11.3 16.9

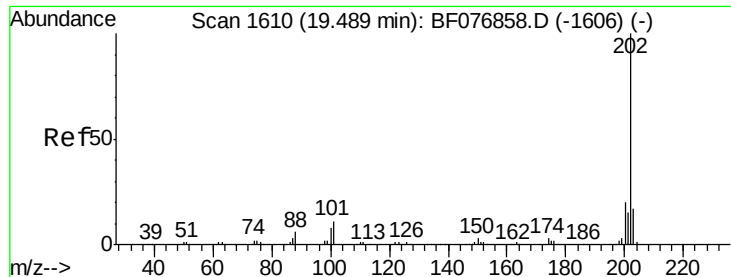


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 199.80 ng

RT: 19.47 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

Instrument :

BNA_F

ClientSampleId :

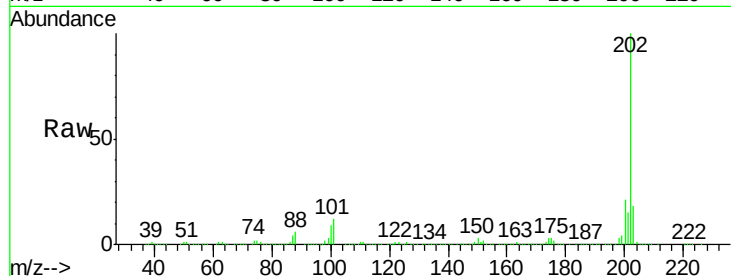
Tot Ion:202 Resp: 1685763

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.7

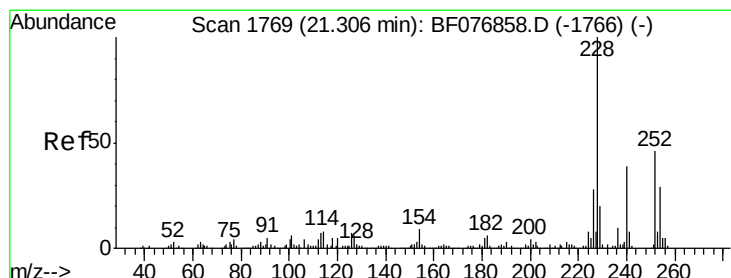
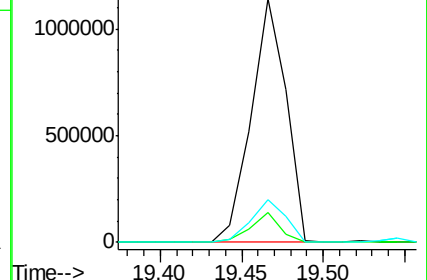
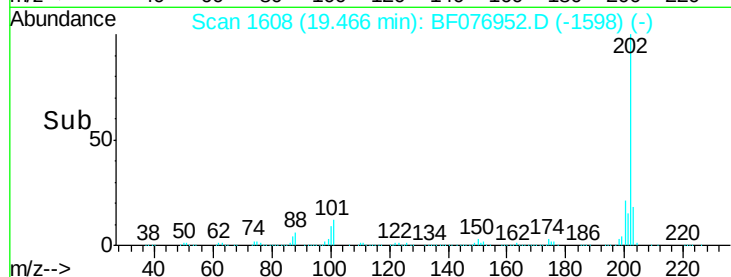
203 17.7 0.0 36.9



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: 21.28 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

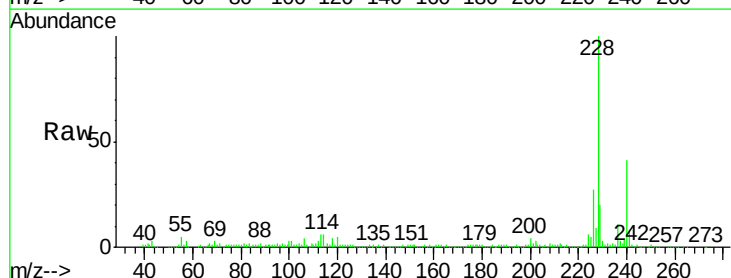
Tgt Ion:240 Resp: 121505

Ion Ratio Lower Upper

240 100

120 11.6 10.4 15.6

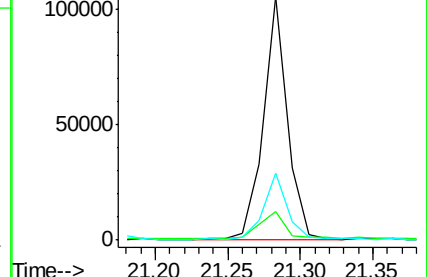
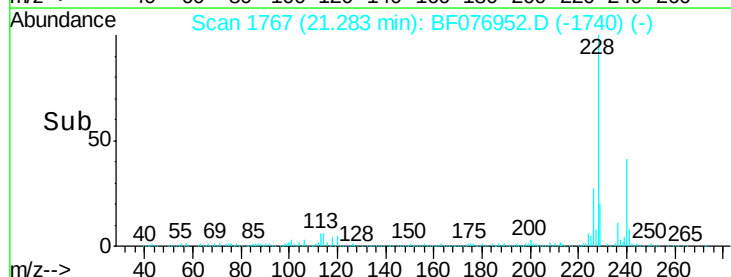
236 27.4 20.2 30.2

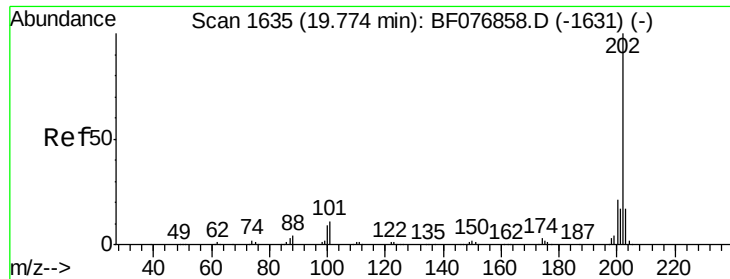


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

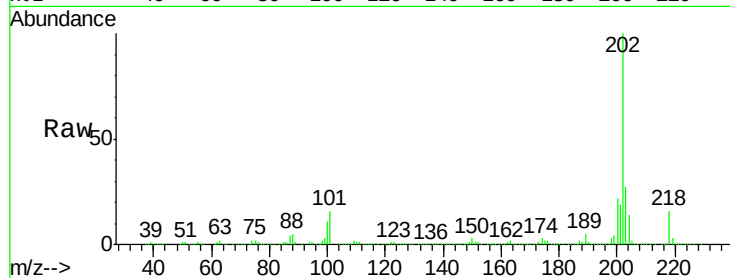




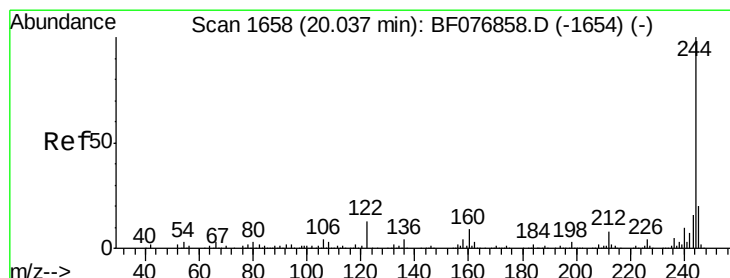
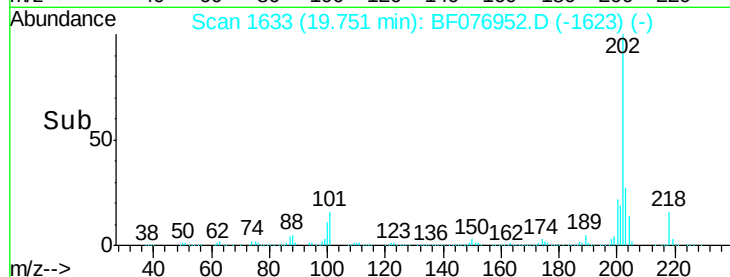
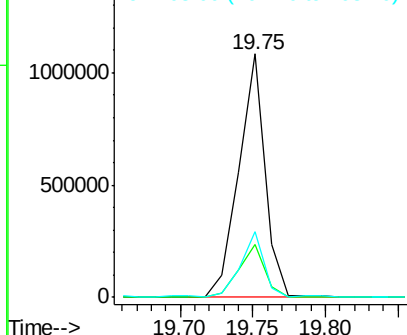
#77
Pvrene
Concen: 163.51 ng
RT: 19.75 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1361610
Ion Ratio Lower Upper
202 100
200 21.9 16.7 25.1
203 27.2 14.0 21.0#

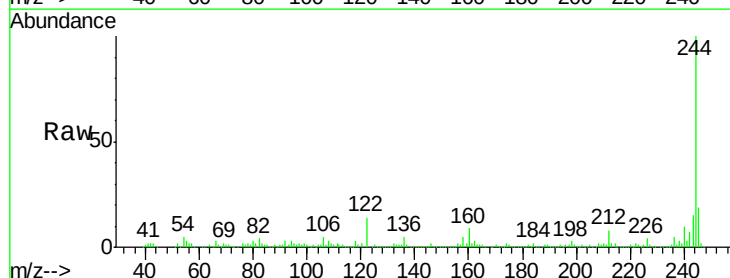


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

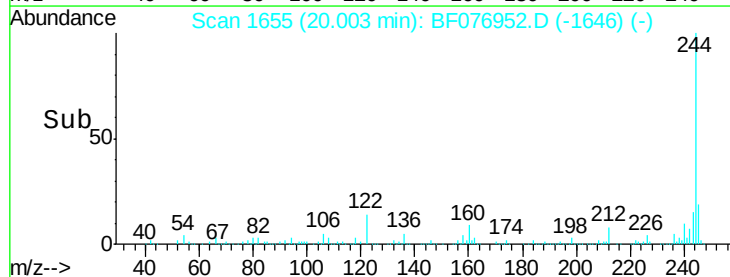
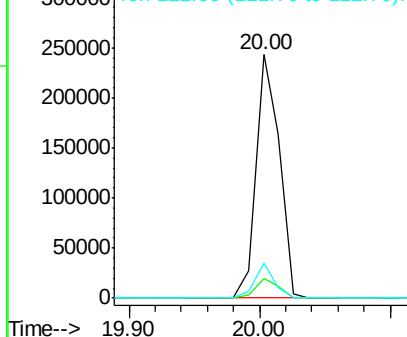


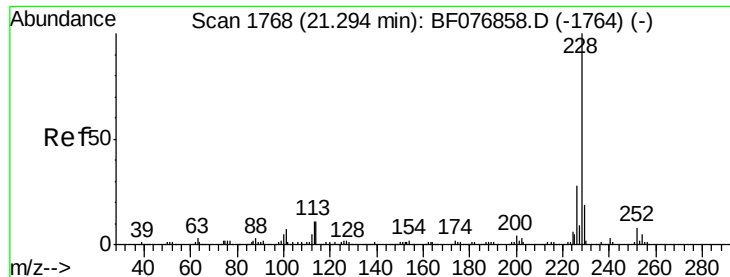
#78
Terphenyl-d14
Concen: 57.24 ng
RT: 20.00 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Tgt Ion:244 Resp: 302126
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 14.3 10.1 15.1



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

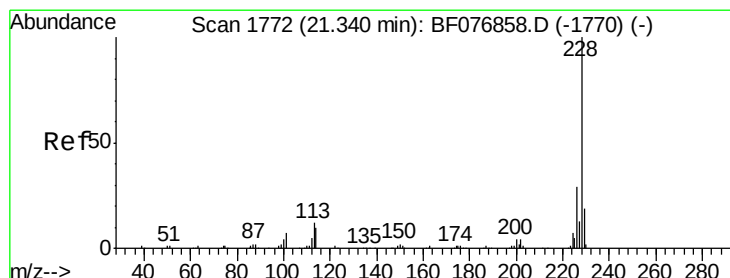
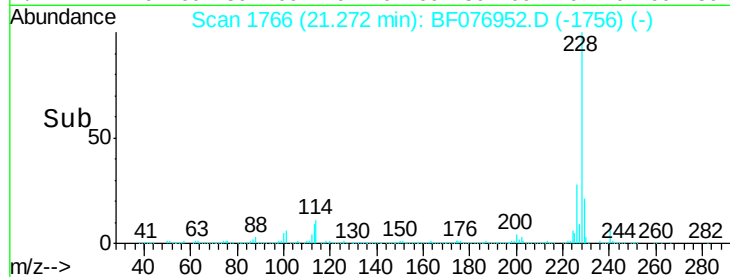
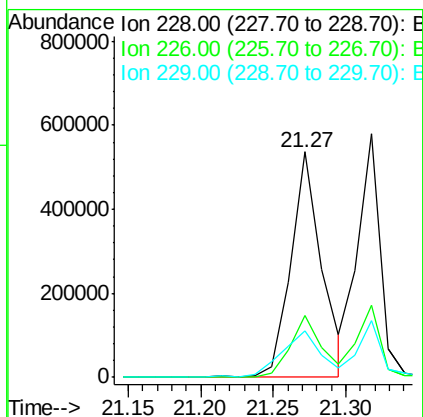
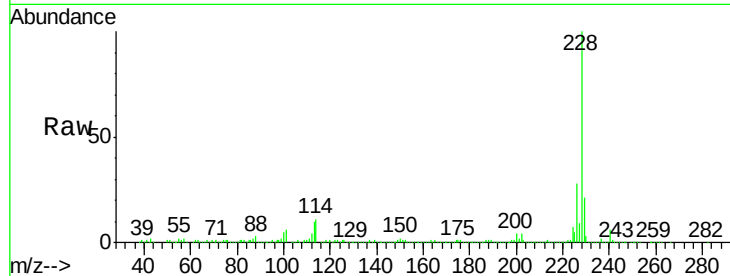




#80
Benzo(a)anthracene
Concen: 103.31 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

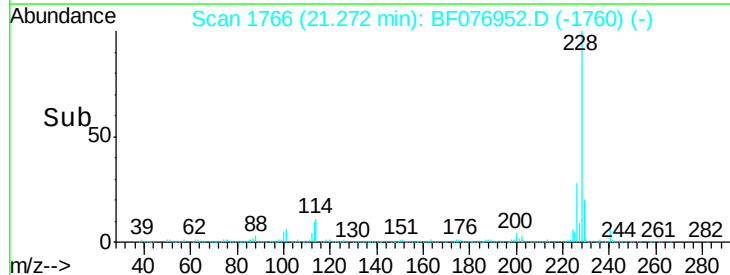
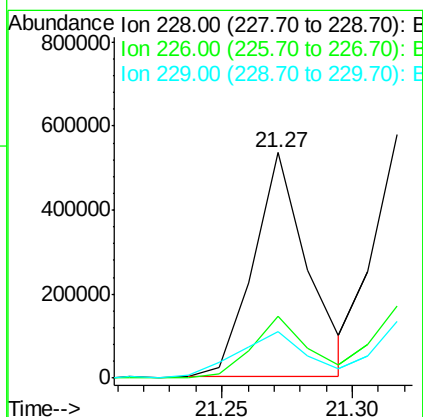
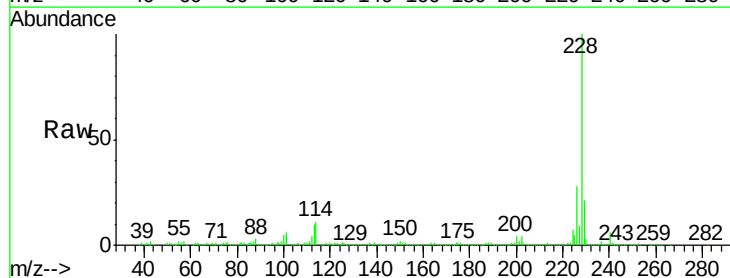
Instrument :
BNA_F
ClientSampleId :

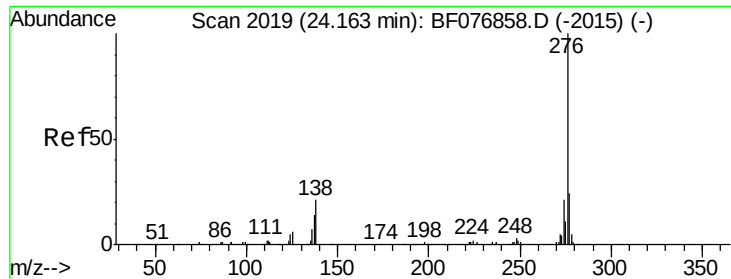
Tot Ion:228 Resp: 787520
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.8 15.5 23.3



#82
Chrysene
Concen: 112.06 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.03 min
Lab File: BF076952.D
Acq: 20 Jan 2015 6:19

Tgt Ion:228 Resp: 779041
Ion Ratio Lower Upper
228 100
226 27.6 23.4 35.0
229 20.8 15.4 23.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.30 ng

RT: 24.16 min Scan# 2019

Delta R.T. 0.06 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

Instrument :

BNA_F

ClientSampleId :

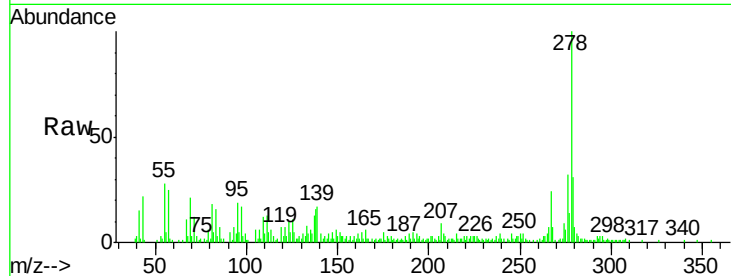
Tot Ion:276 Resp: 16933

Ion Ratio Lower Upper

276 100

138 58.0 14.6 22.0#

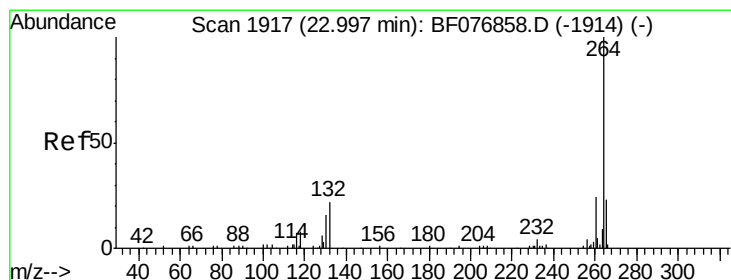
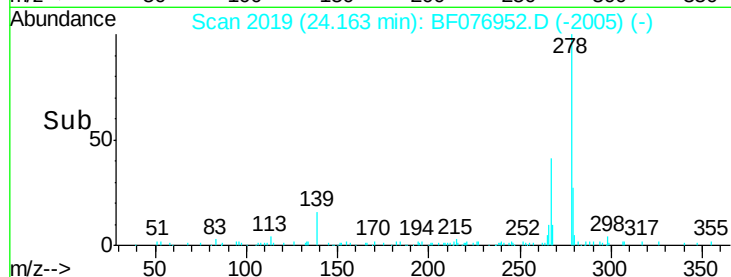
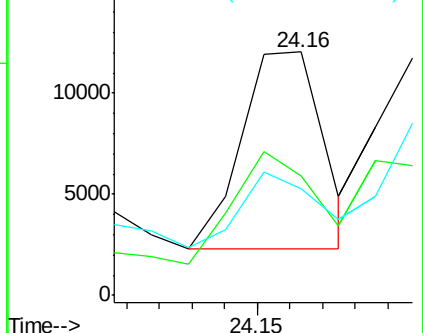
277 36.3 14.8 22.2#



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: 22.92 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

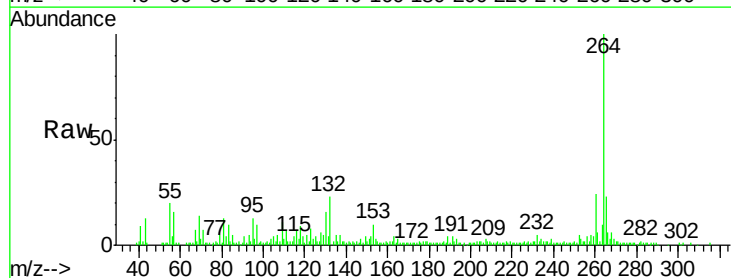
Tgt Ion:264 Resp: 118010

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

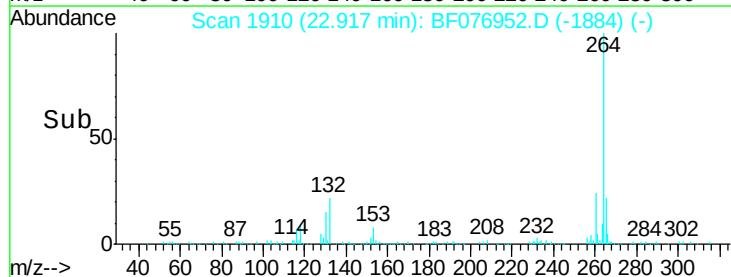
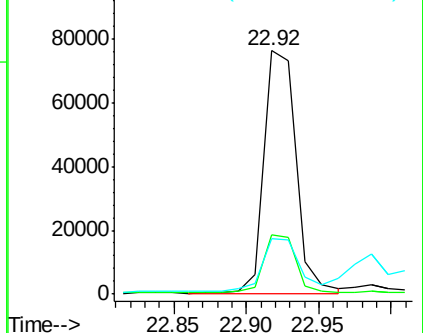
265 22.7 18.1 27.1

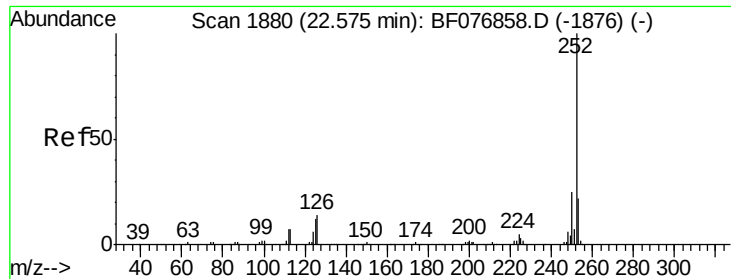


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 140.33 ng

RT: 22.53 min Scan# 1876

Delta R.T. 0.02 min

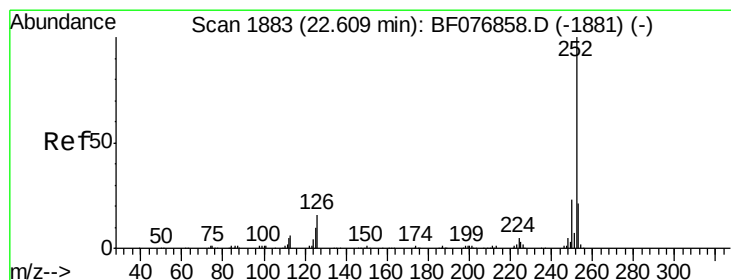
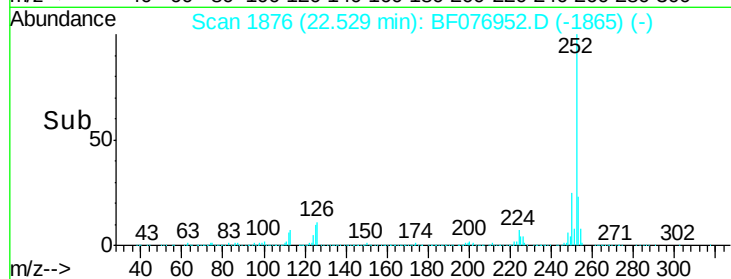
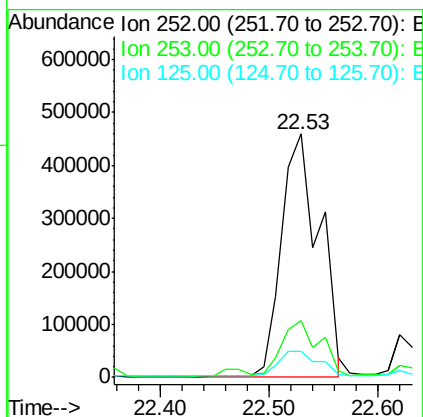
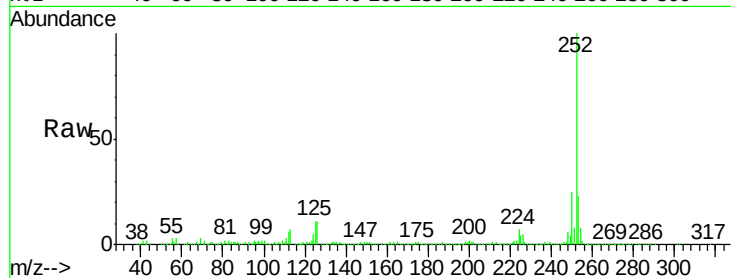
Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1115345

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.8	9.4	14.0



#88

Benzo(k)fluoranthene

Concen: 160.62 ng

RT: 22.53 min Scan# 1876

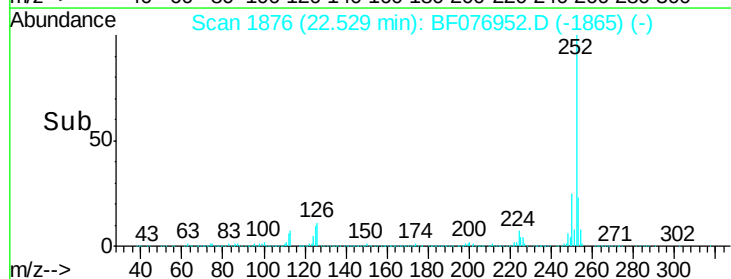
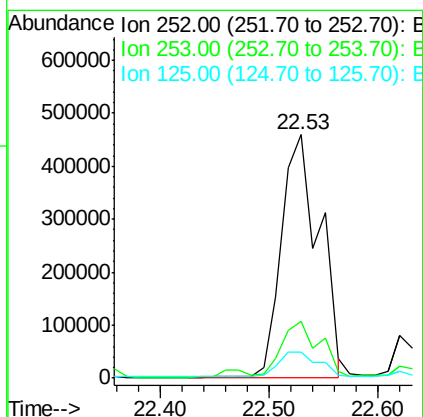
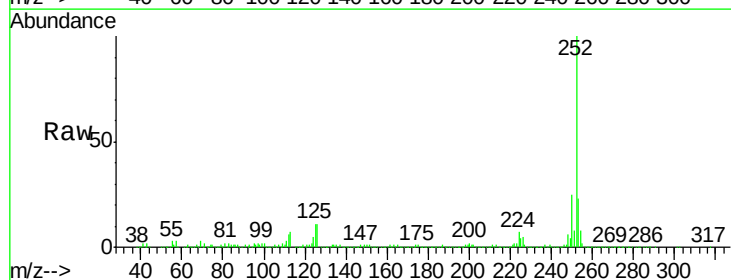
Delta R.T. 0.02 min

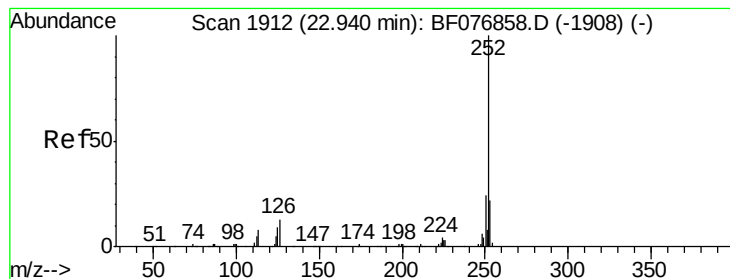
Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

Tgt Ion:252 Resp: 1115345

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	10.8	7.1	10.7#





#89

Benzo(a)pyrene

Concen: 56.51 ng

RT: 22.81 min Scan# 1901

Delta R.T. 0.01 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

Instrument :

BNA_F

ClientSampleId :

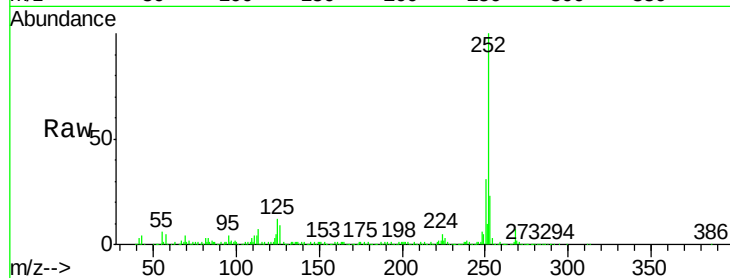
Tot Ion:252 Resp: 396182

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

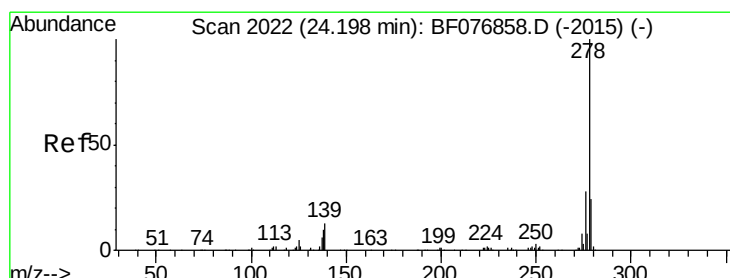
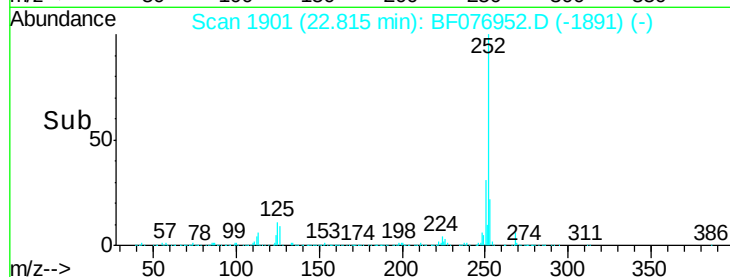
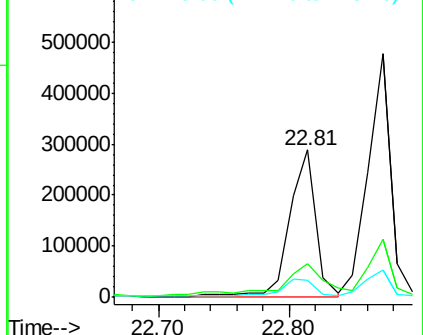
125 11.9 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 10.41 ng

RT: 24.15 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF076952.D

Acq: 20 Jan 2015 6:19

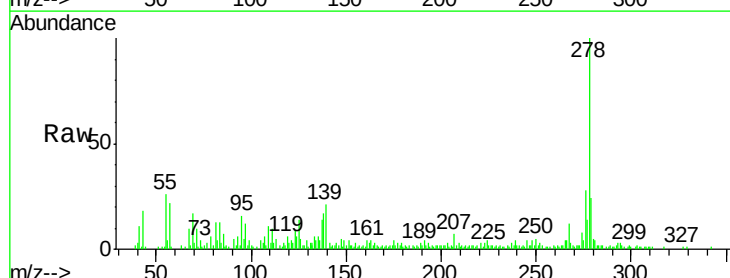
Tgt Ion:278 Resp: 66994

Ion Ratio Lower Upper

278 100

139 21.3 10.5 15.7#

279 24.2 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

