

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084979.D
 Acq On : 10 Feb 2016 3:50
 Operator : SJ/IZ
 Sample : H1361-02 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Feb 10 05:48:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	159895	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	597740	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	247051	20.00	ng	-0.07
63) Phenanthrene-d10	11.15	188	396691	20.00	ng	-0.06
75) Chrysene-d12	13.79	240	268415	20.00	ng	-0.05
86) Perylene-d12	15.15	264	267855	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	758925	73.93	ng	-0.06
7) Phenol-d6	6.28	99	869778	68.35	ng	-0.06
23) Nitrobenzene-d5	7.21	82	627870	59.17	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	159651	61.95	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	921813	56.23	ng	-0.06
78) Terphenyl-d14	12.74	244	531162	44.84	ng	-0.06

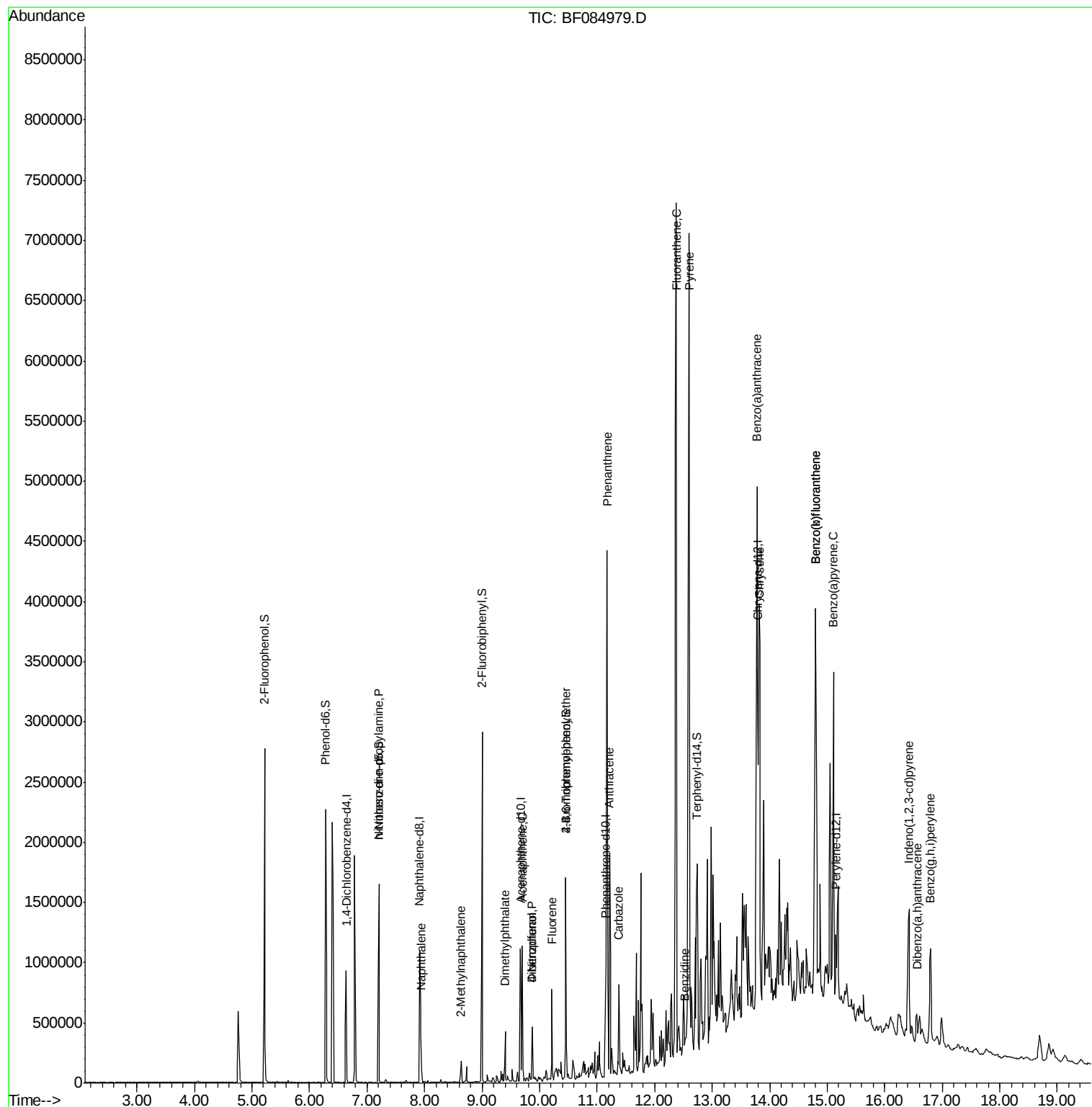
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	83858	10.51	ng	# 76
31) Naphthalene	7.94	128	175622	5.86	ng	98
37) 2-Methylnaphthalene	8.64	142	51475	2.74	ng	95
49) Dimethylphthalate	9.40	163	176443	9.38	ng	# 90
51) Acenaphthene	9.70	154	225618	14.06	ng	97
54) Dibenzofuran	9.87	168	146311	7.46	ng	96
55) 4-Nitrophenol	9.87	139	59231	17.45	ng	# 12
57) Fluorene	10.21	166	196080	11.98	ng	99
66) 4-Bromophenyl-phenylether	10.45	248	10822	2.47	ng	# 1
70) Phenanthrene	11.17	178	1720879	78.21	ng	97
71) Anthracene	11.22	178	929069	41.91	ng	99
72) Carbazole	11.38	167	260111	13.46	ng	99
74) Fluoranthene	12.37	202	4071898	182.85	ng	96
76) Benzidine	12.52	184	2019	7.03	ng	# 26
77) Pyrene	12.60	202	4079644	198.52	ng	93
80) Benzo(a)anthracene	13.78	228	2765166	165.98	ng	94
82) Chrysene	13.83	228	1701571	105.33	ng	95
85) Indeno(1,2,3-cd)pyrene	16.42	276	772021	60.71	ng	92
87) Benzo(b)fluoranthene	14.80	252	2961149	164.54	ng	# 93
88) Benzo(k)fluoranthene	14.80	252	2961149	198.99	ng	97
89) Benzo(a)pyrene	15.11	252	1515759	98.85	ng	# 93
90) Dibenz(a,h)anthracene	16.56	278	158441	12.27	ng	93
91) Benzo(g,h,i)perylene	16.80	276	659076	50.69	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Instrument :

BNA_F

ClientSampleId :

WC-1

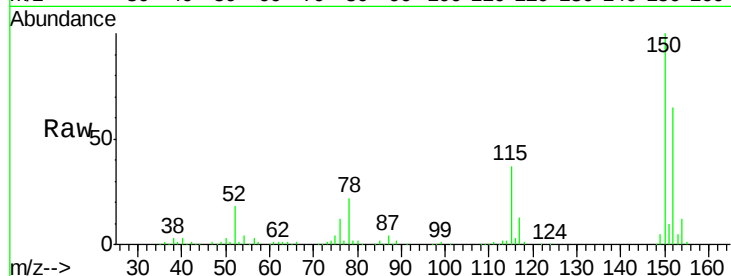
Tgt Ion:152 Resp: 159895

Ion Ratio Lower Upper

152 100

150 153.1 123.0 184.4

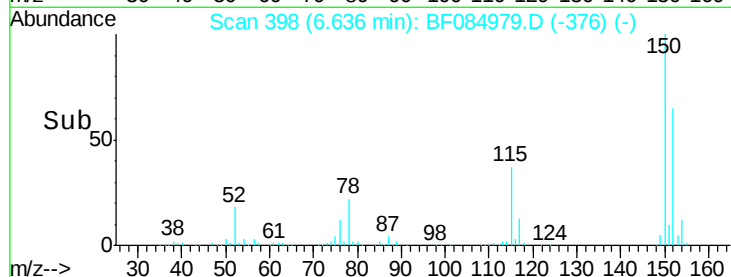
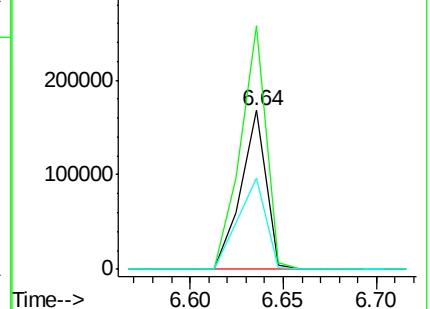
115 57.1 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 73.93 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

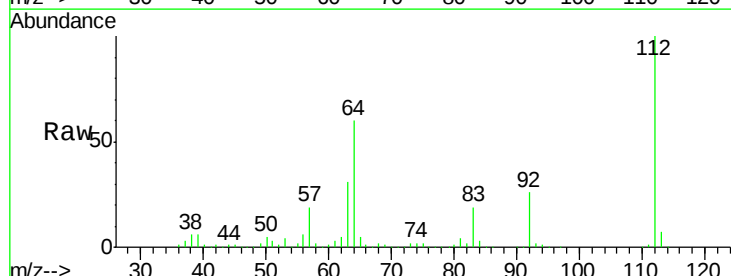
Tgt Ion:112 Resp: 758925

Ion Ratio Lower Upper

112 100

64 60.0 36.6 55.0#

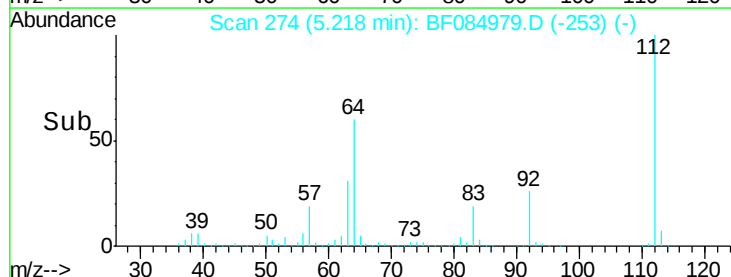
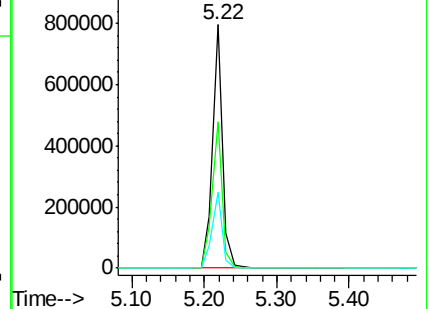
63 31.0 19.4 29.0#

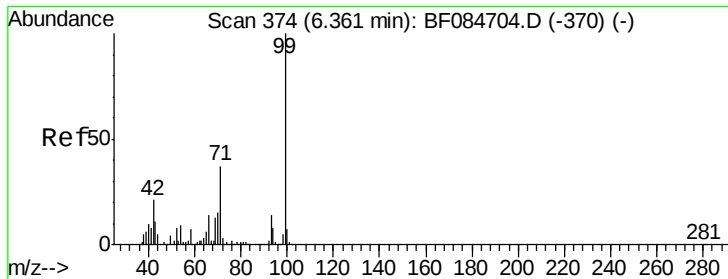


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 68.35 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.06 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Instrument :

BNA_F

ClientSampleId :

WC-1

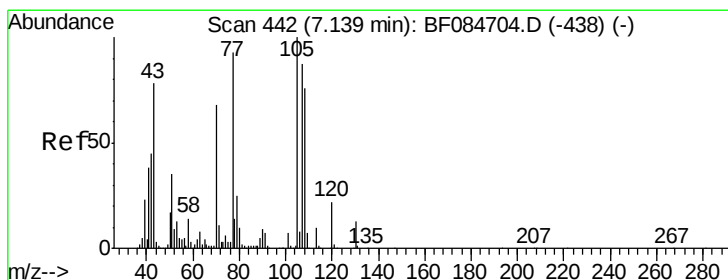
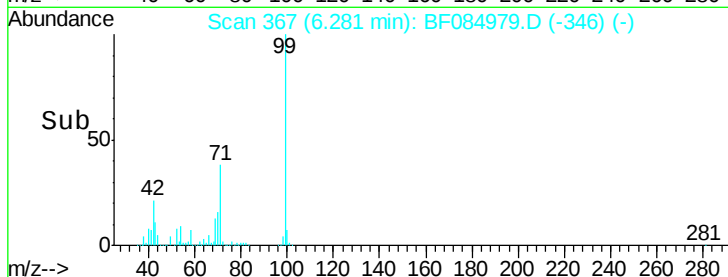
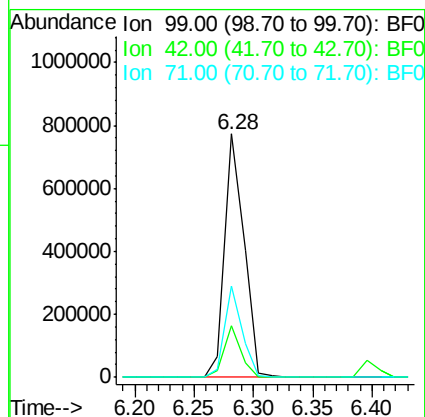
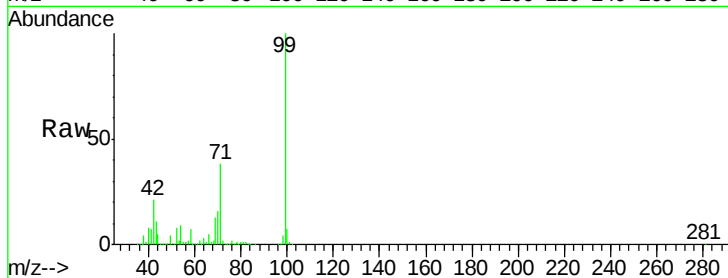
Tgt Ion: 99 Resp: 869778

Ion Ratio Lower Upper

99 100

42 21.4 12.8 19.2#

71 37.6 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 10.51 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.09 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Tgt Ion: 70 Resp: 83858

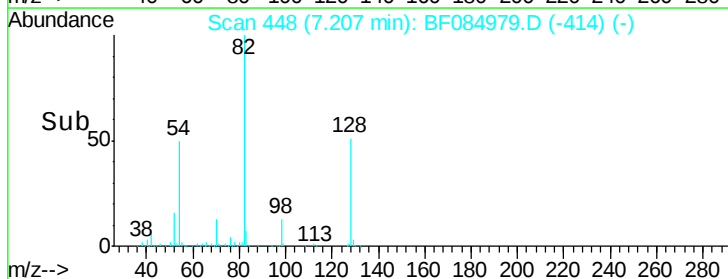
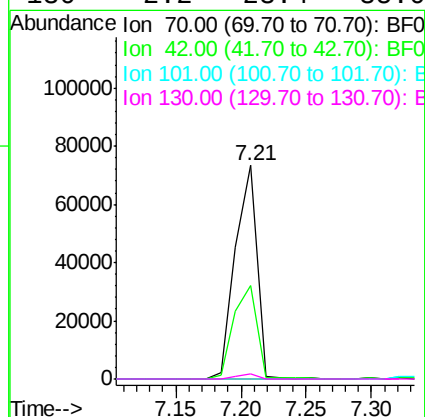
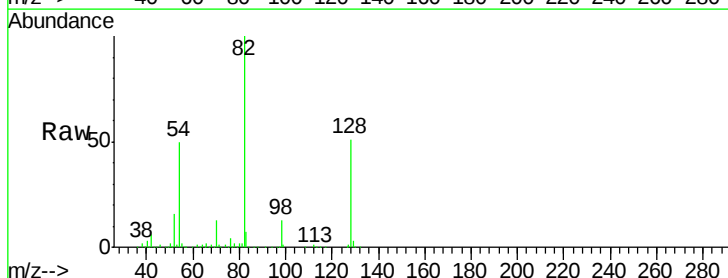
Ion Ratio Lower Upper

70 100

42 43.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

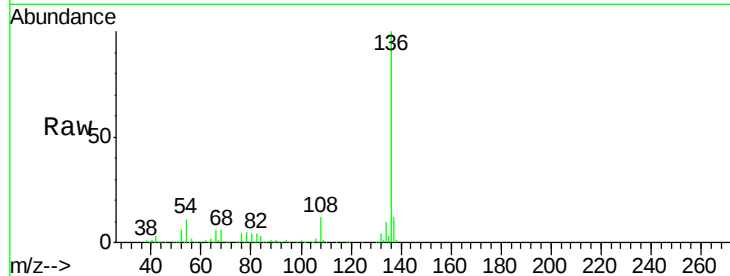




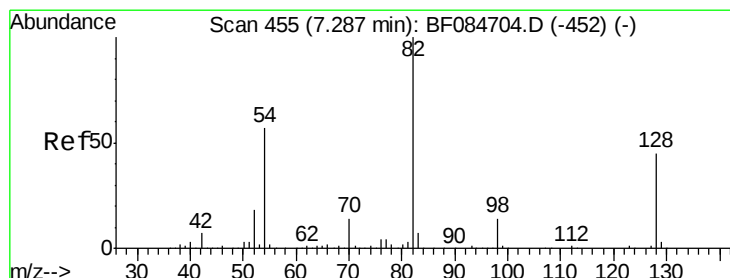
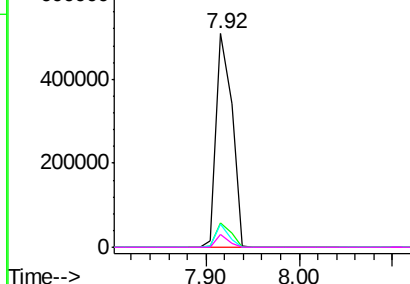
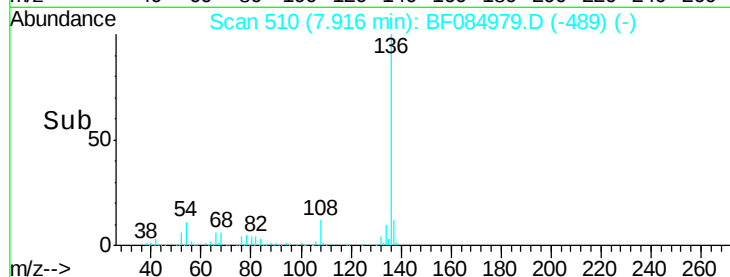
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:	136	Resp:	597740
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	11.0	5.8	8.8#
68	5.9	4.2	6.2

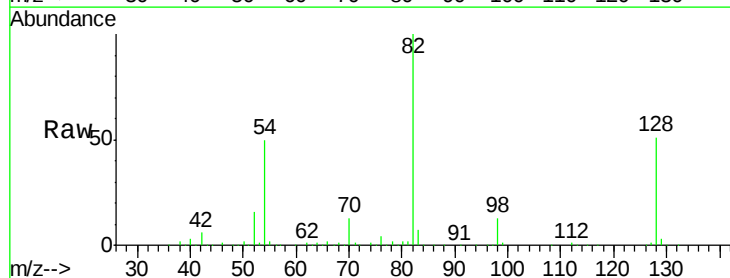


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

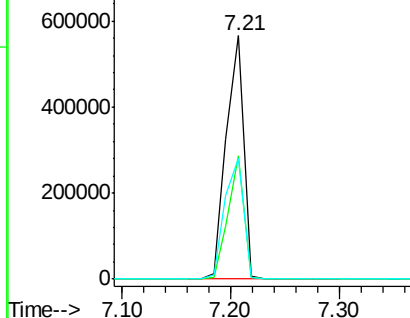
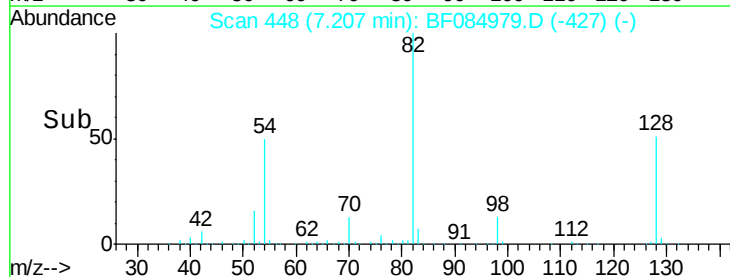


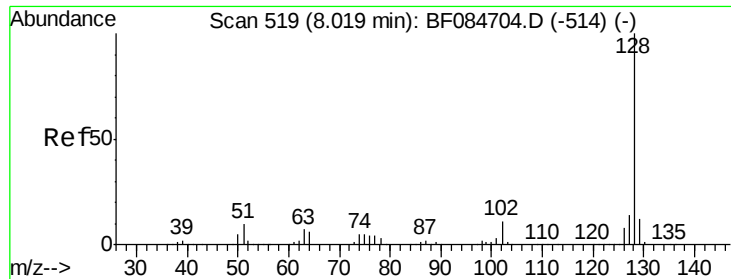
#23
Nitrobenzene-d5
Concen: 59.17 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:	82	Resp:	627870
Ion	Ratio	Lower	Upper
82	100		
128	50.6	34.6	51.8
54	49.7	38.4	57.6



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

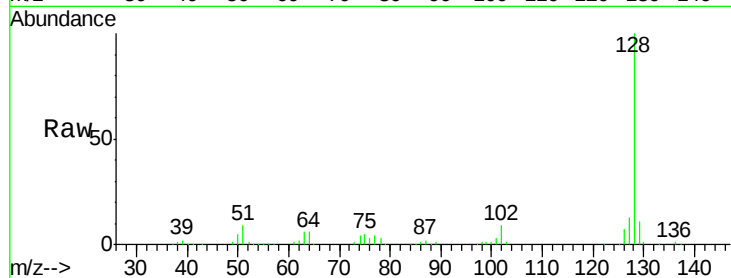




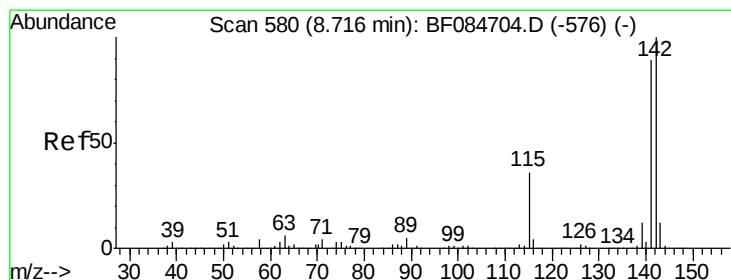
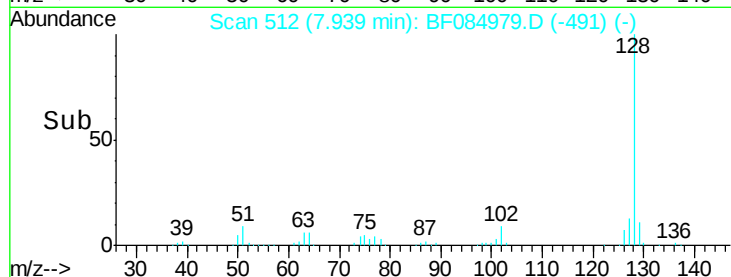
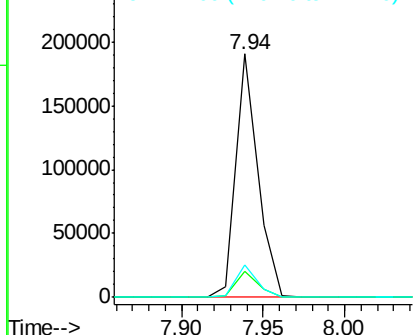
#31
Naphthalene
Concen: 5.86 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:128 Resp: 175622
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.2 11.1 16.7

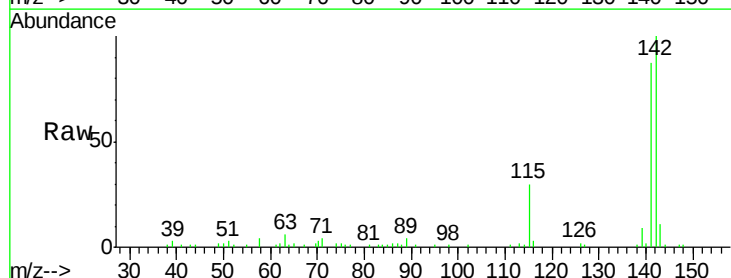


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

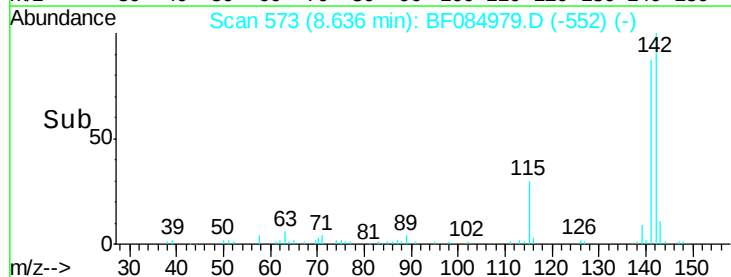
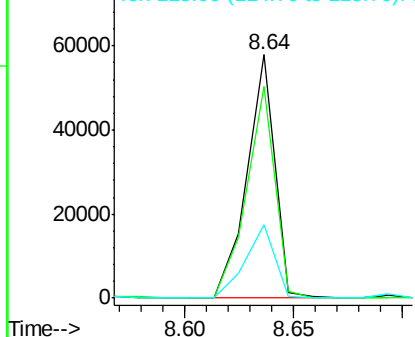


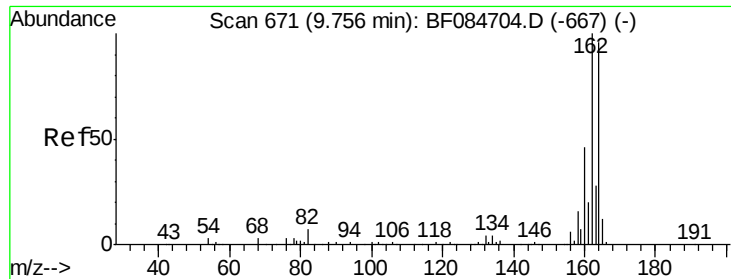
#37
2-Methylnaphthalene
Concen: 2.74 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:142 Resp: 51475
Ion Ratio Lower Upper
142 100
141 86.8 72.4 108.6
115 29.9 27.9 41.9



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: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Instrument :

BNA_F

ClientSampleId :

WC-1

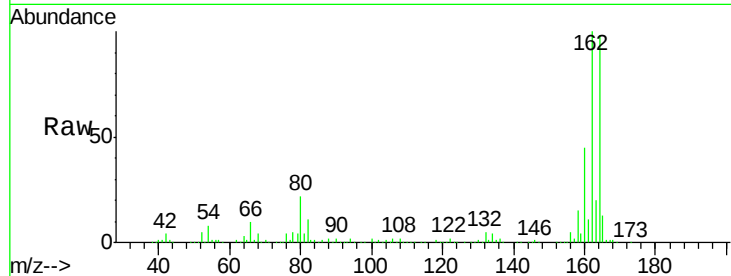
Tgt Ion:164 Resp: 247051

Ion Ratio Lower Upper

164 100

162 102.5 85.1 127.7

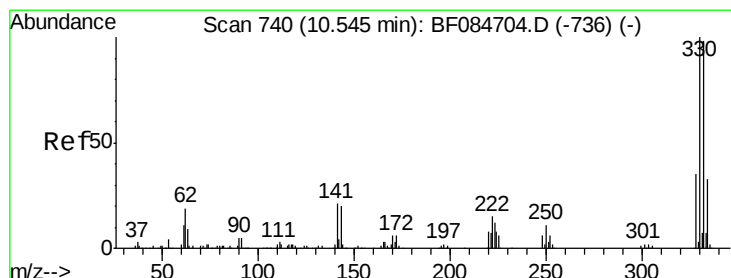
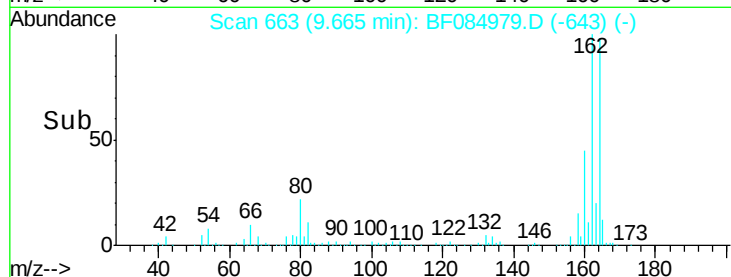
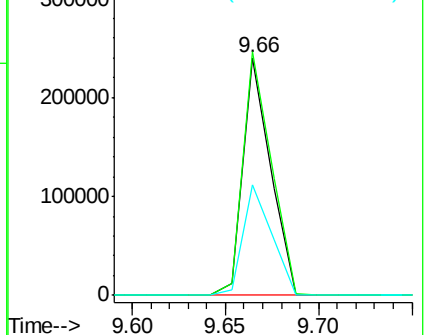
160 46.4 37.5 56.3



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: 61.95 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.07 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

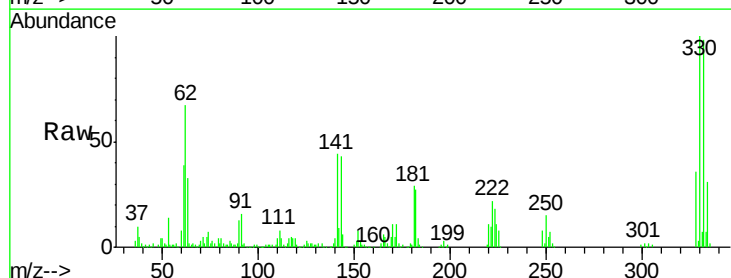
Tgt Ion:330 Resp: 159651

Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

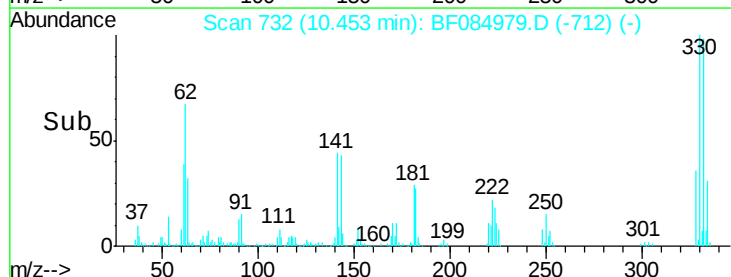
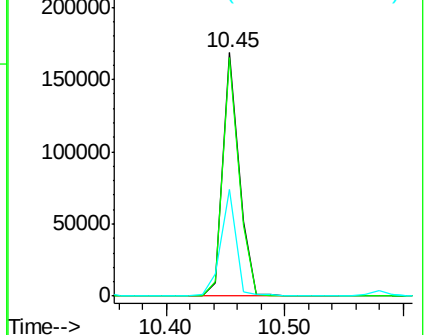
141 40.3 27.8 41.6

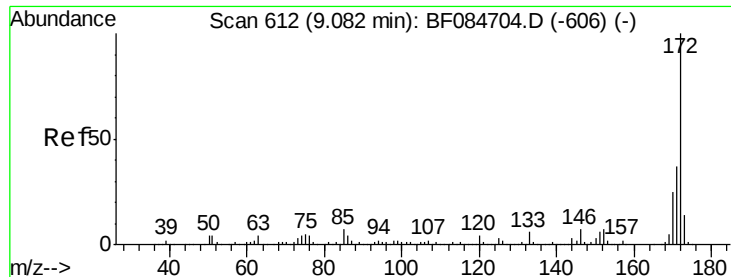


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

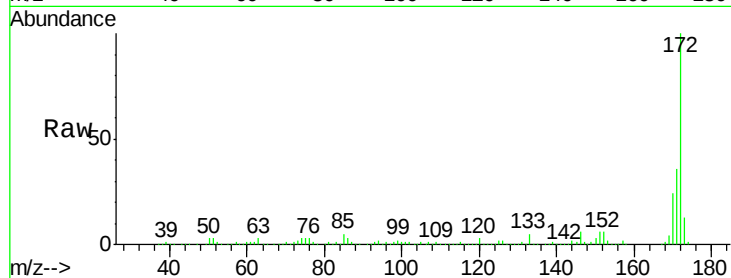




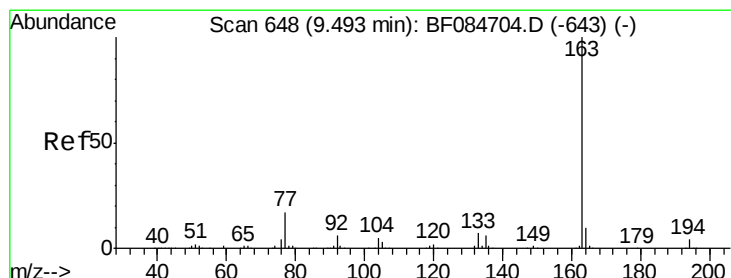
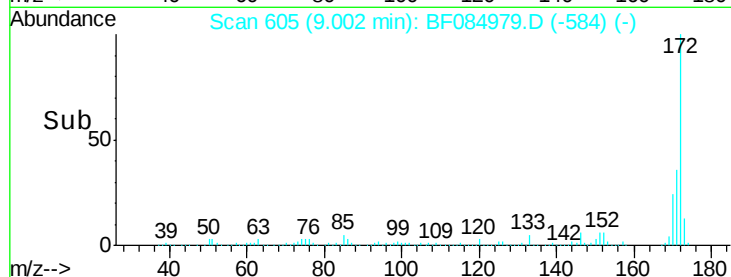
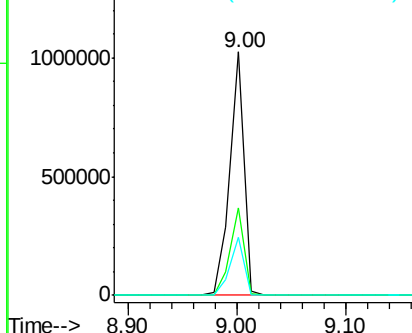
#44
 2-Fluorobiphenyl
 Concen: 56.23 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084979.D
 Acq: 10 Feb 2016 3:50

Instrument :
 BNA_F
 ClientSampled :
 WC-1

Tgt Ion:172 Resp: 921813
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 24.1 18.6 27.8

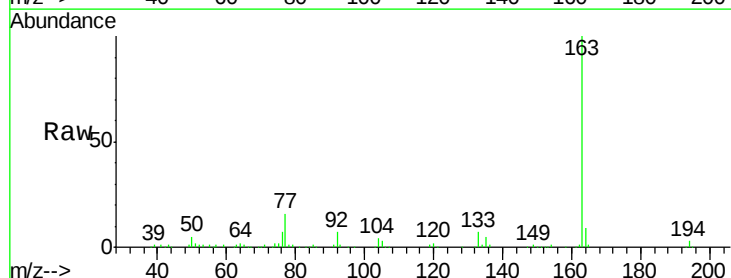


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

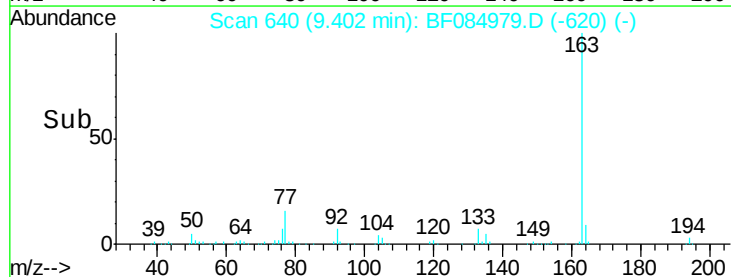
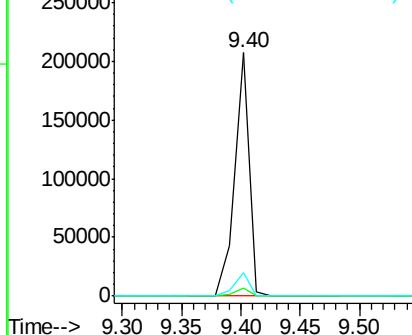


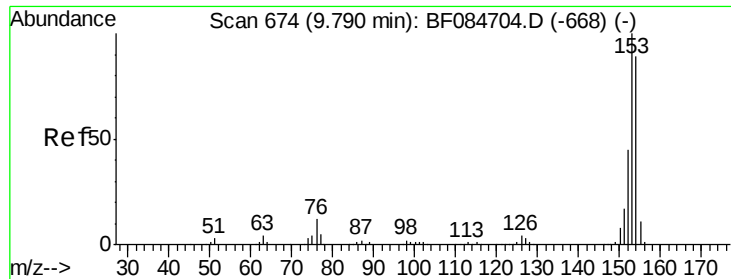
#49
 Dimethylphthalate
 Concen: 9.38 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.07 min
 Lab File: BF084979.D
 Acq: 10 Feb 2016 3:50

Tgt Ion:163 Resp: 176443
 Ion Ratio Lower Upper
 163 100
 194 3.4 8.0 12.0#
 164 9.5 8.0 12.0



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





#51

Acenaphthene

Concen: 14.06 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.07 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Instrument :

BNA_F

ClientSampleId :

WC-1

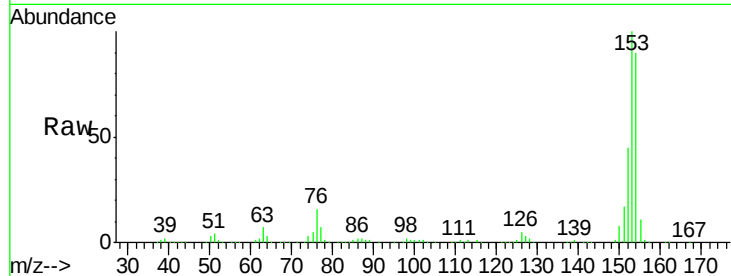
Tgt Ion:154 Resp: 225618

Ion Ratio Lower Upper

154 100

153 111.4 91.5 137.3

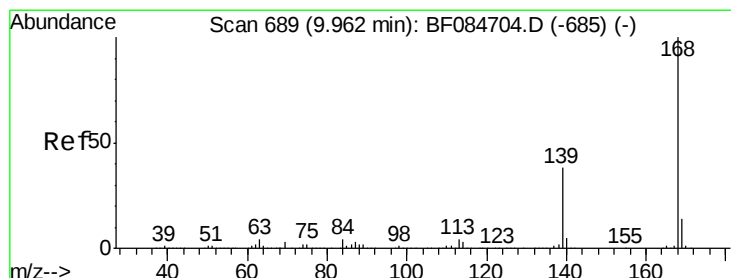
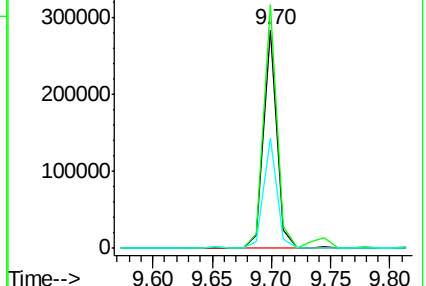
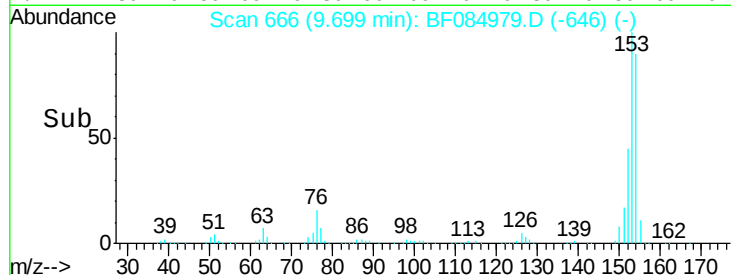
152 50.4 43.0 64.6



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: 7.46 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.07 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

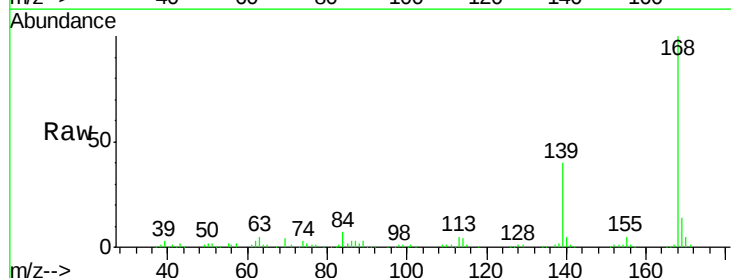
Tgt Ion:168 Resp: 146311

Ion Ratio Lower Upper

168 100

139 40.4 30.5 45.7

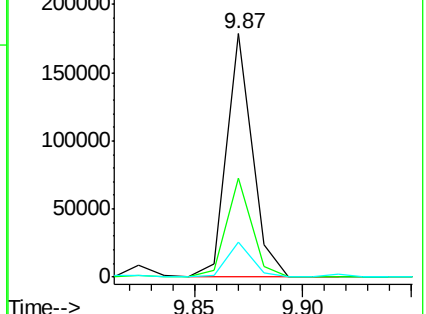
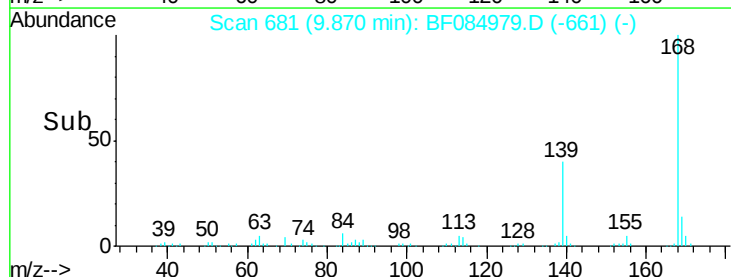
169 14.4 10.4 15.6

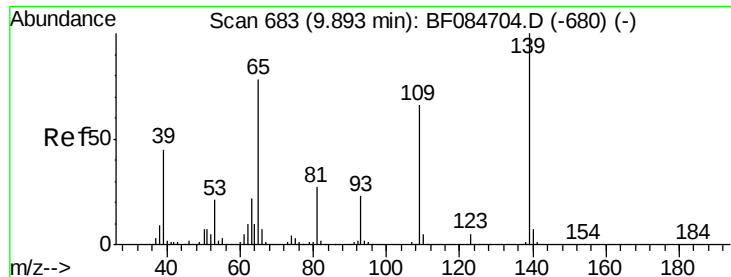


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 17.45 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Instrument :

BNA_F

ClientSampleId :

WC-1

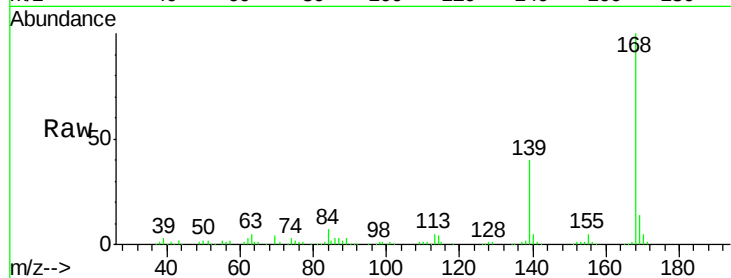
Tgt Ion:139 Resp: 59231

Ion Ratio Lower Upper

139 100

109 1.2 58.5 98.5#

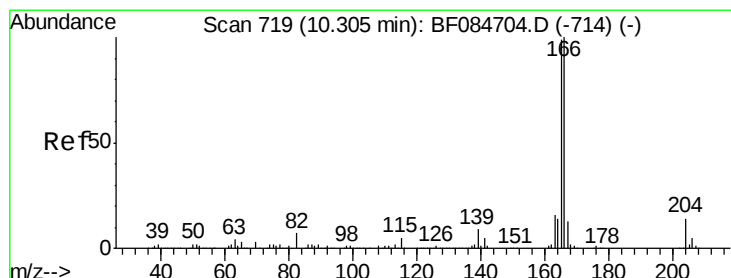
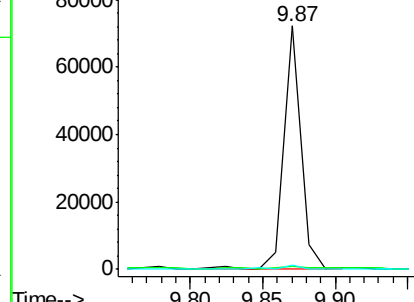
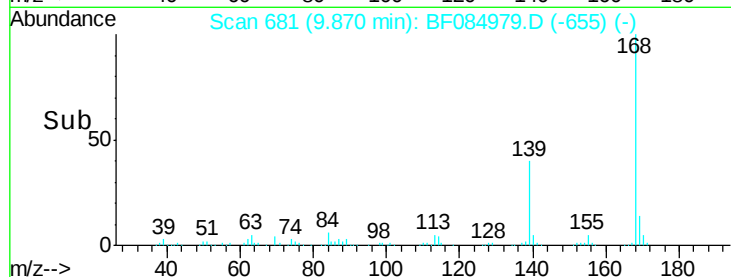
65 1.8 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#57

Fluorene

Concen: 11.98 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

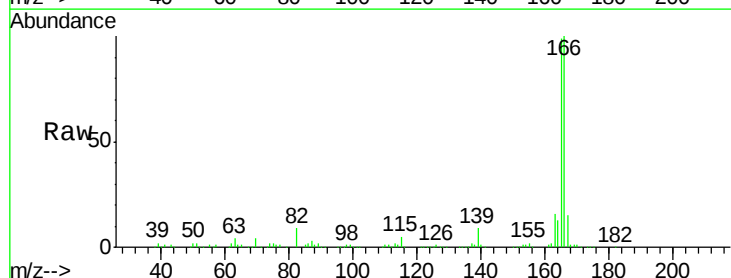
Tgt Ion:166 Resp: 196080

Ion Ratio Lower Upper

166 100

165 99.2 79.1 118.7

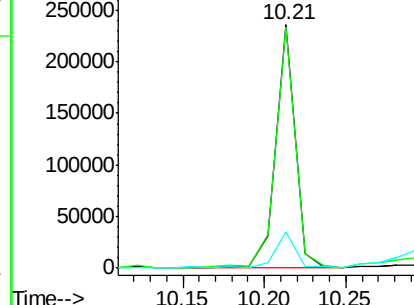
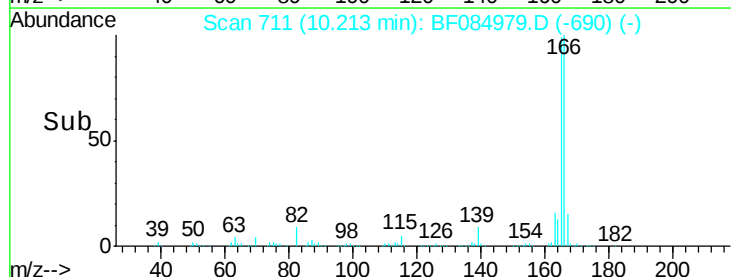
167 14.7 10.4 15.6

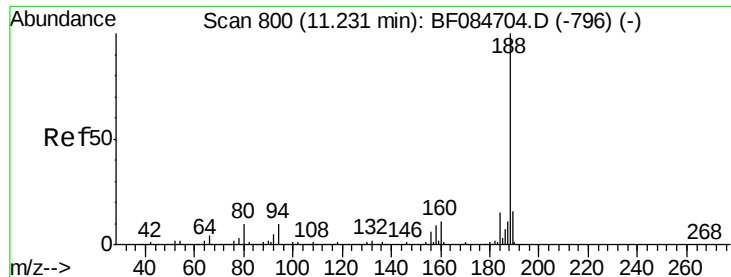


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

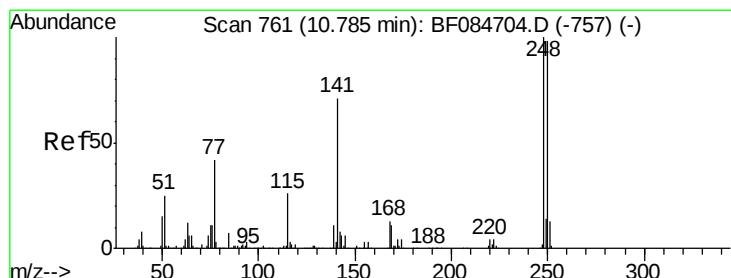
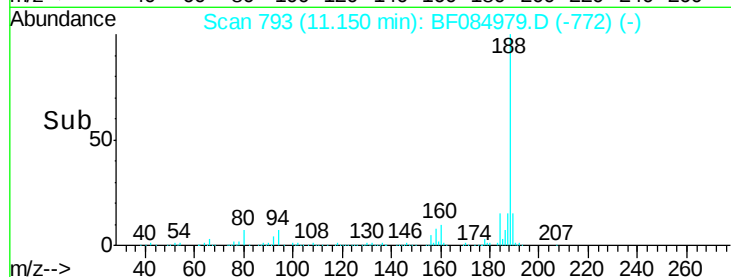
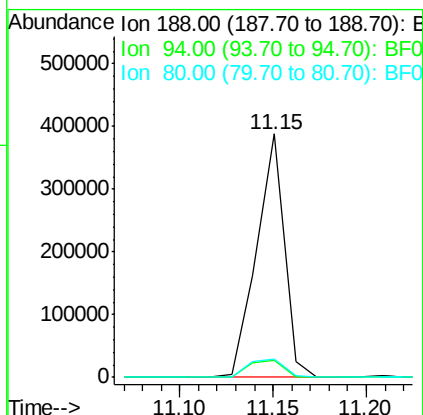
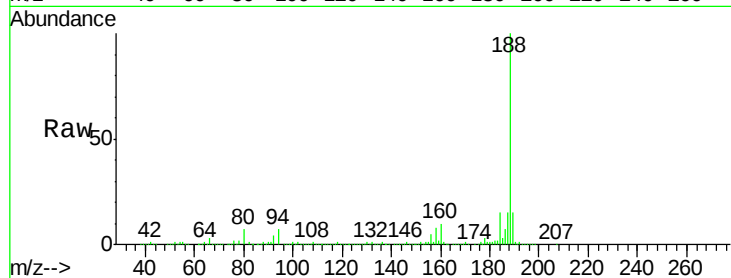




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

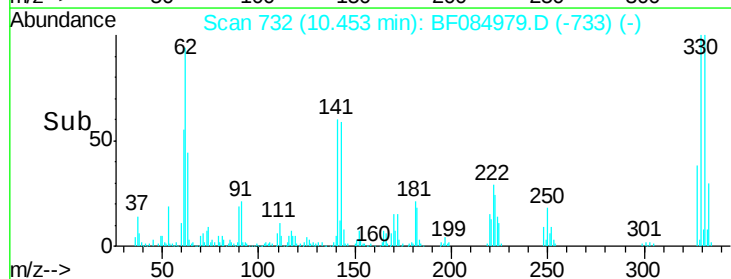
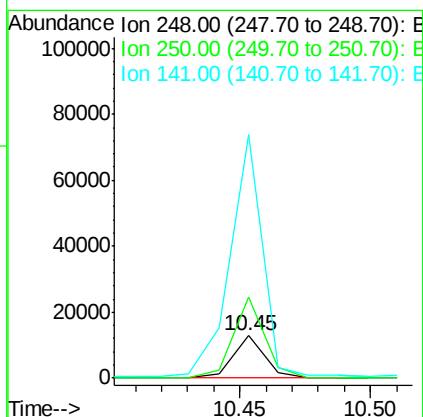
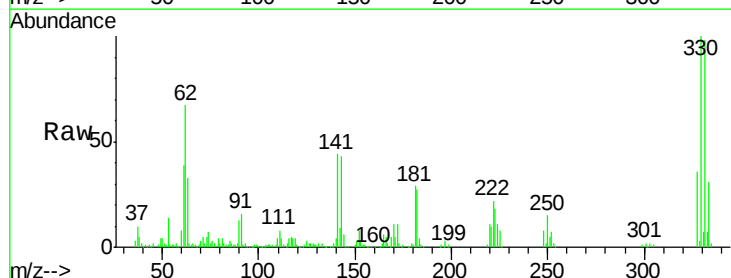
Instrument :
BNA_F
ClientSampleId :
WC-1

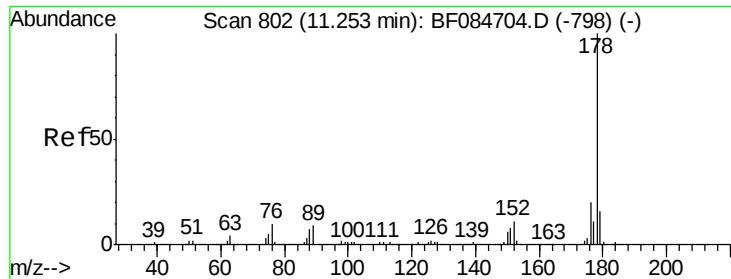
Tgt Ion:188 Resp: 396691
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.4#
80 7.4 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 2.47 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.31 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:248 Resp: 10822
Ion Ratio Lower Upper
248 100
250 192.3 78.4 117.6#
141 578.0 44.0 66.0#

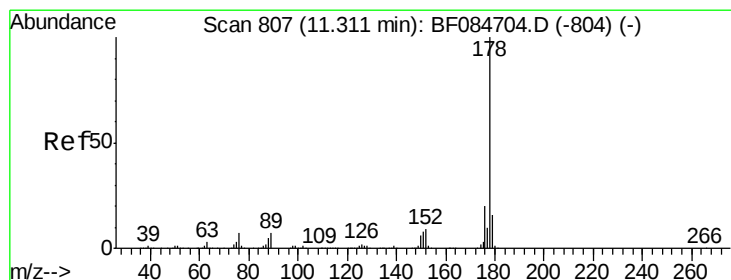
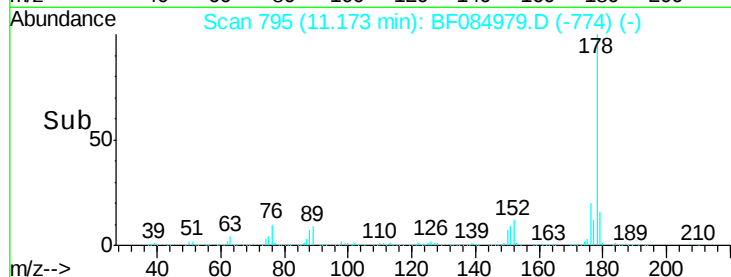
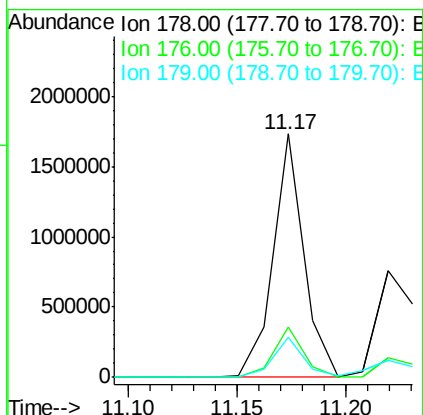
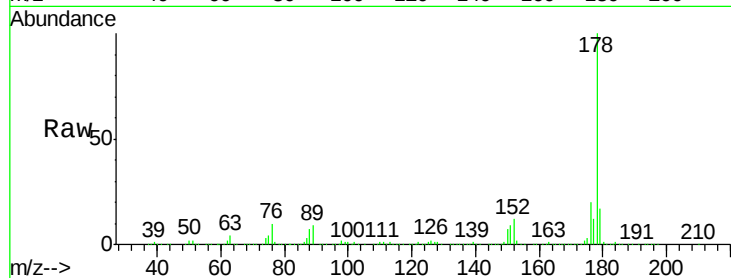




#70
Phenanthrene
Concen: 78.21 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

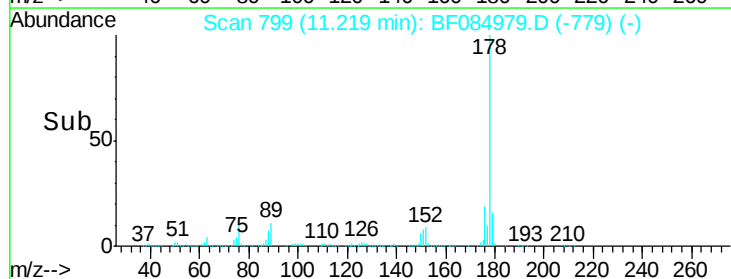
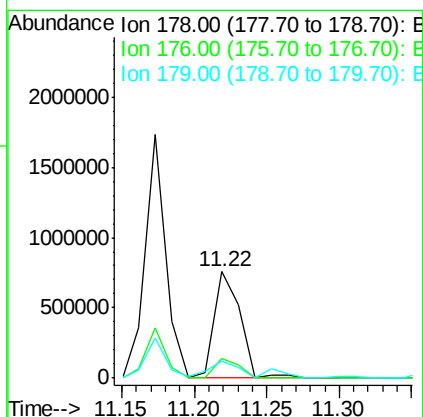
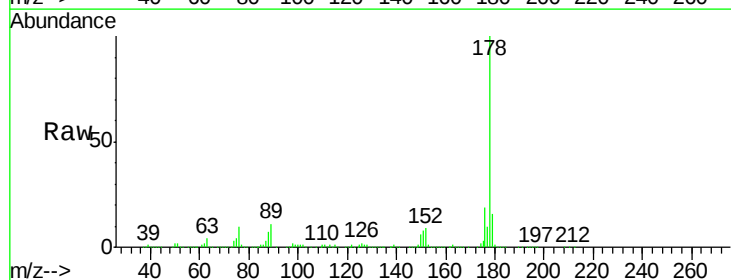
Instrument :
BNA_F
ClientSampleId :
WC-1

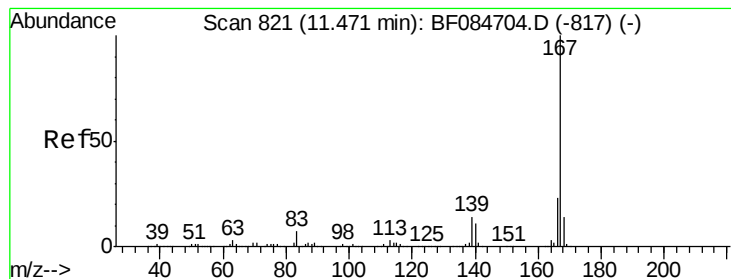
Tgt Ion:178 Resp: 1720879
Ion Ratio Lower Upper
178 100
176 20.5 15.3 22.9
179 16.5 12.0 18.0



#71
Anthracene
Concen: 41.91 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.07 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:178 Resp: 929069
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.5 12.5 18.7





#72

Carbazole

Concen: 13.46 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.07 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Instrument :

BNA_F

ClientSampleId :

WC-1

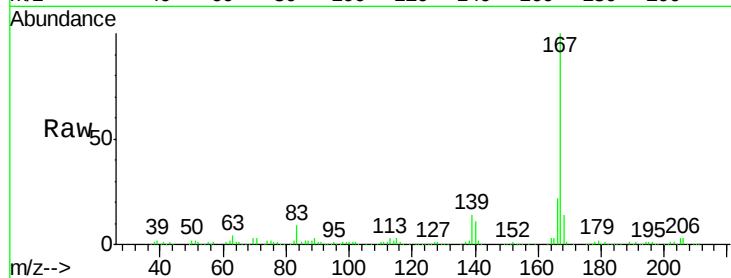
Tgt Ion:167 Resp: 260111

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

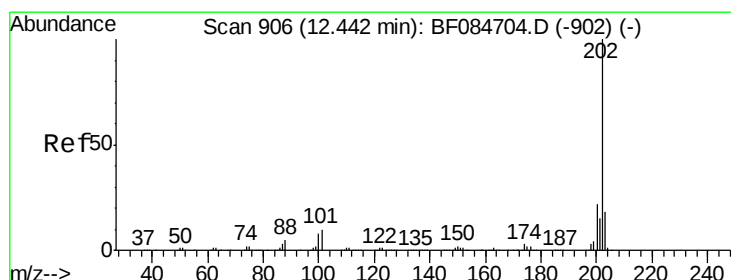
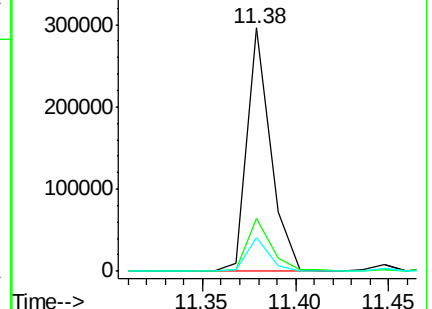
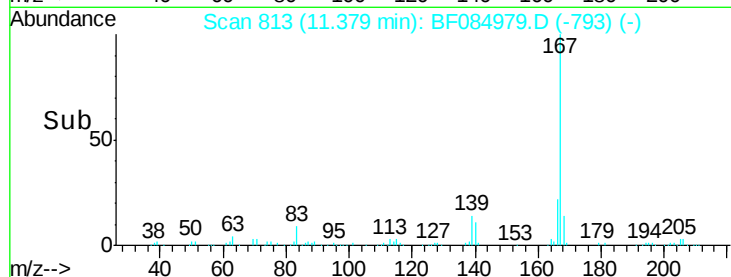
139 14.0 11.8 17.8



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: 182.85 ng

RT: 12.37 min Scan# 900

Delta R.T. -0.05 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

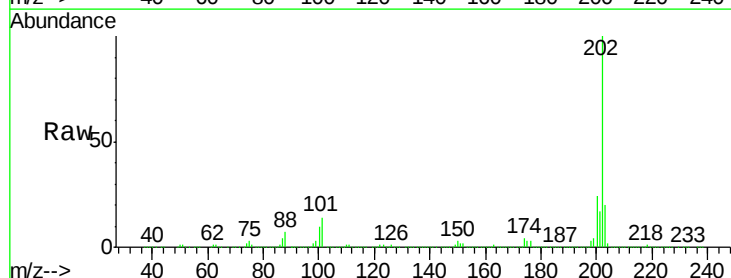
Tgt Ion:202 Resp: 4071898

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.8

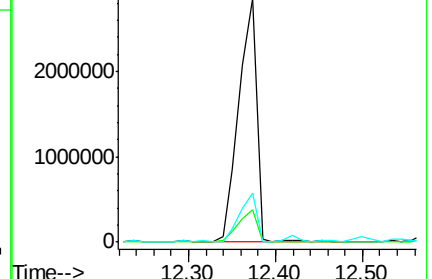
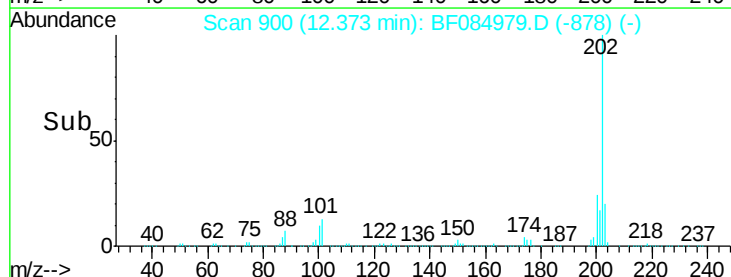
203 20.3 0.0 37.9

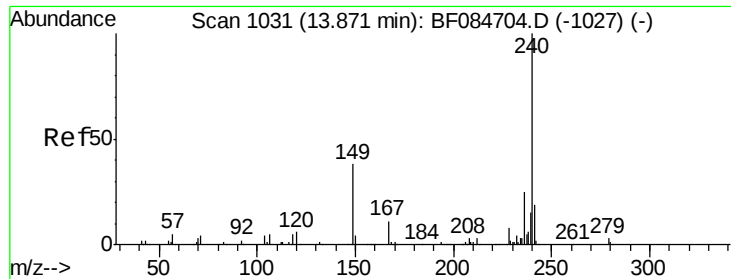


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

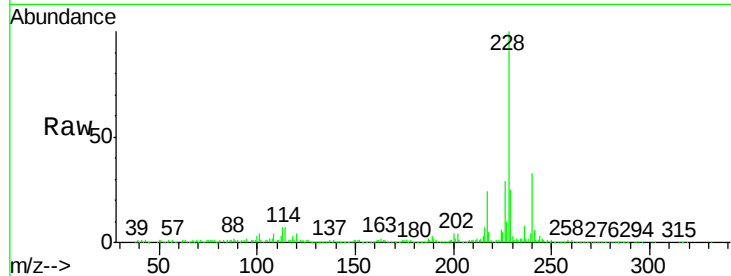
Instrument :

BNA_F

ClientSampleId :

WC-1

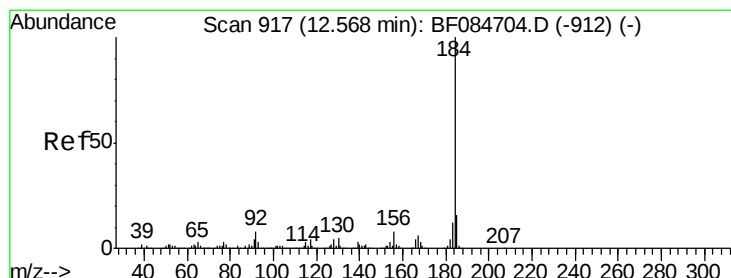
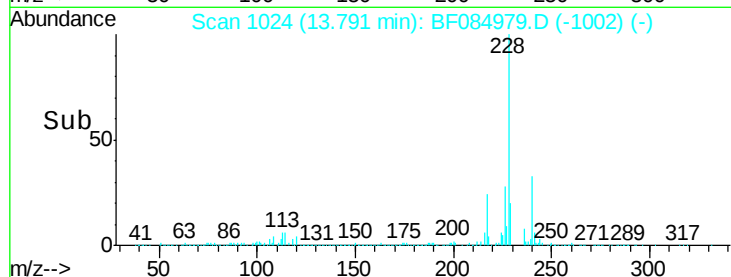
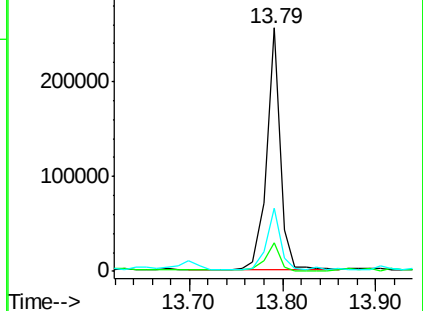
Tgt Ion:	240	Resp:	268415
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	25.7	20.6	31.0



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



#76

Benzidine

Concen: 7.03 ng

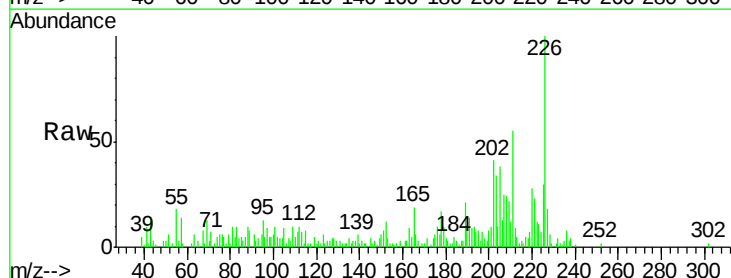
RT: 12.52 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

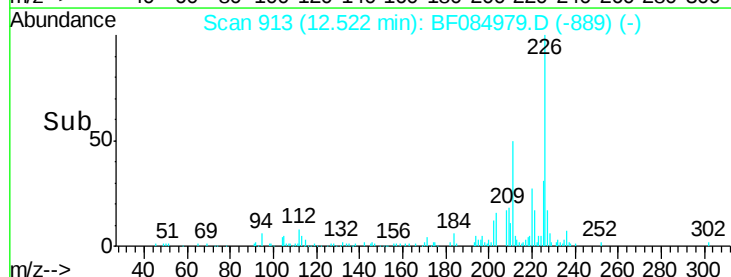
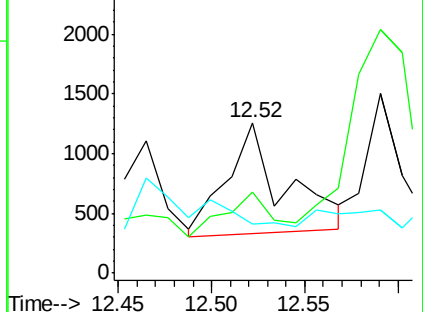
Tgt Ion:	184	Resp:	2019
Ion Ratio	Lower	Upper	
184	100		
185	54.2	12.2	18.2#
183	32.3	9.8	14.8#

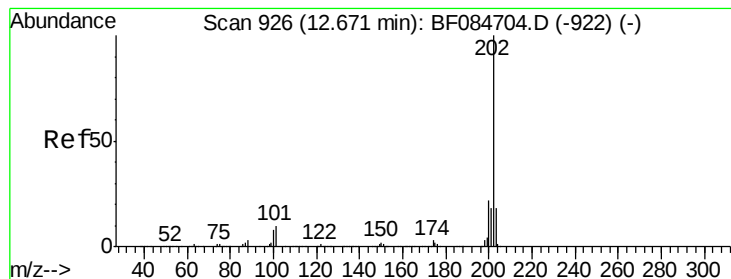


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 198.52 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Instrument :

BNA_F

ClientSampleId :

WC-1

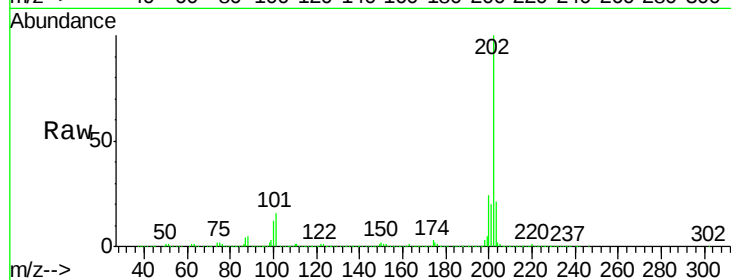
Tgt Ion:202 Resp: 4079644

Ion Ratio Lower Upper

202 100

200 24.4 17.2 25.8

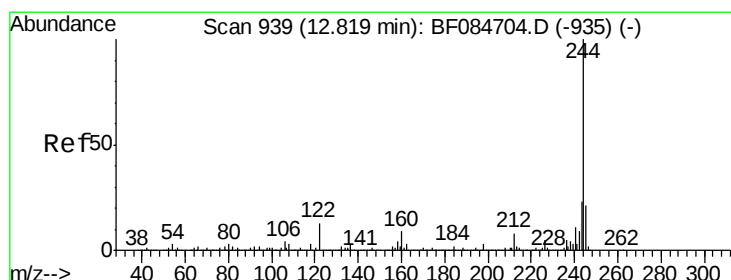
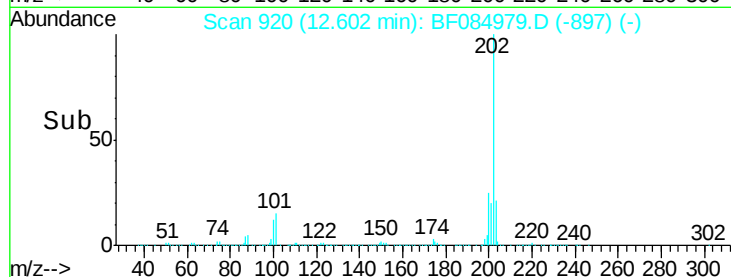
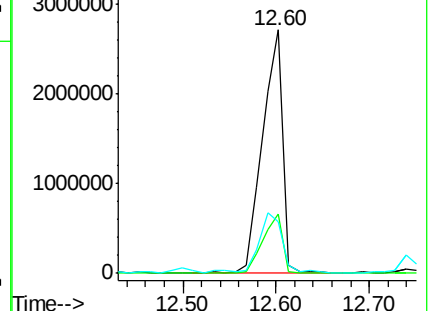
203 21.0 14.3 21.5



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: 44.84 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

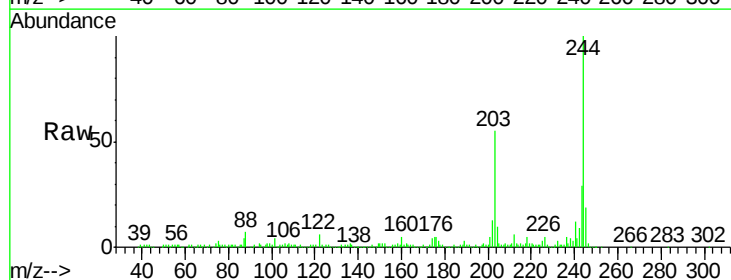
Tgt Ion:244 Resp: 531162

Ion Ratio Lower Upper

244 100

212 6.0 5.7 8.5

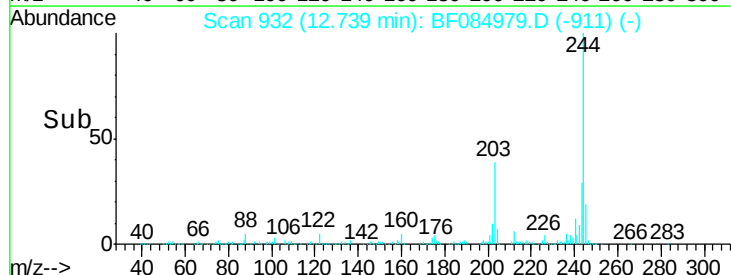
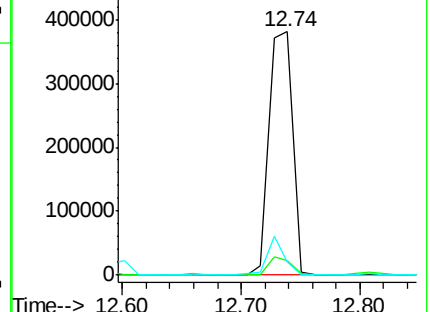
122 5.7 7.4 11.0#

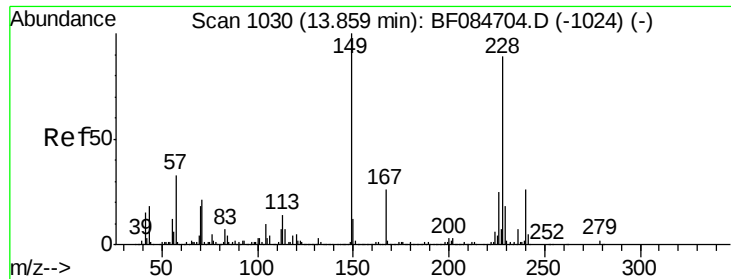


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 165.98 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.05 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Instrument :

BNA_F

ClientSampleId :

WC-1

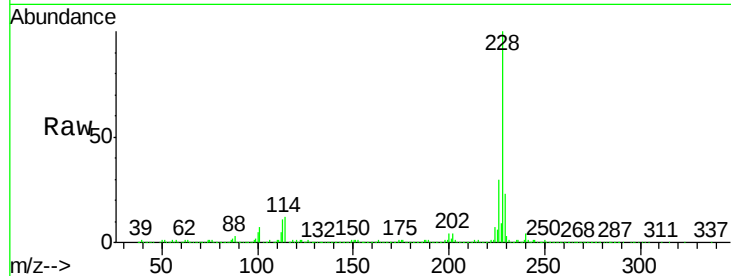
Tgt Ion:228 Resp: 2765166

Ion Ratio Lower Upper

228 100

226 29.9 21.8 32.6

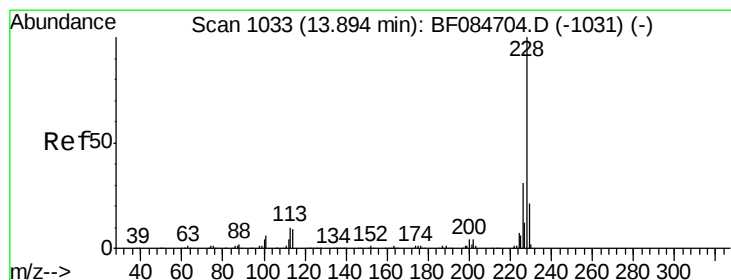
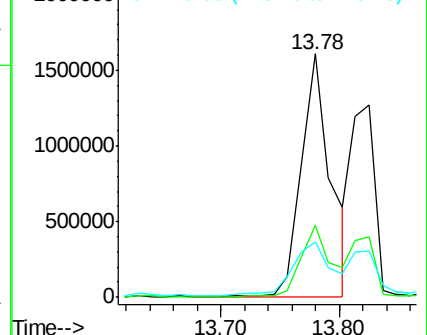
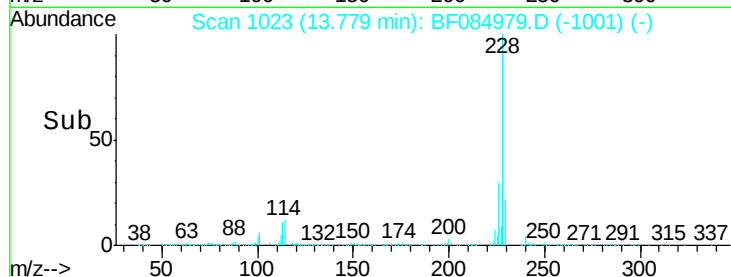
229 23.0 15.8 23.8



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: 105.33 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

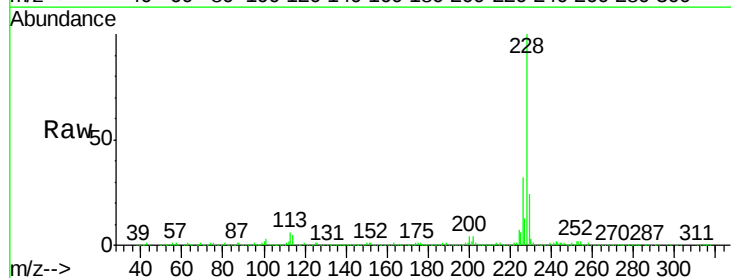
Tgt Ion:228 Resp: 1701571

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

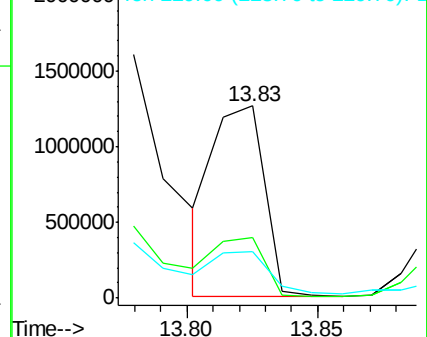
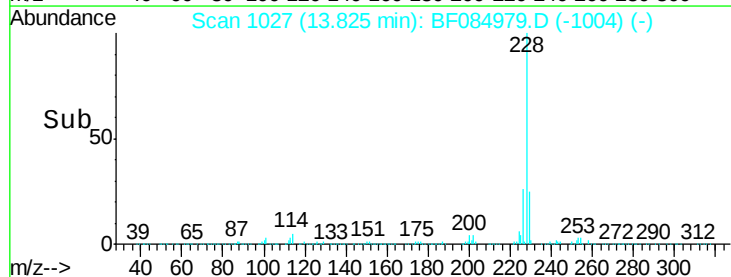
229 24.0 16.1 24.1

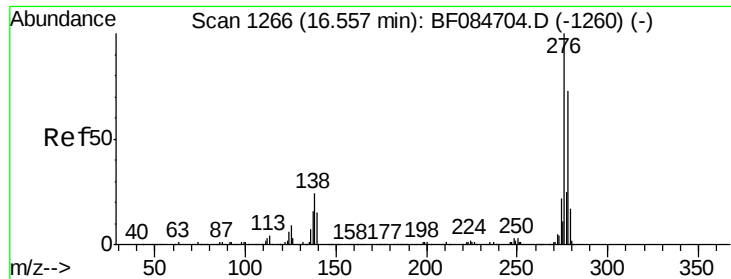


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

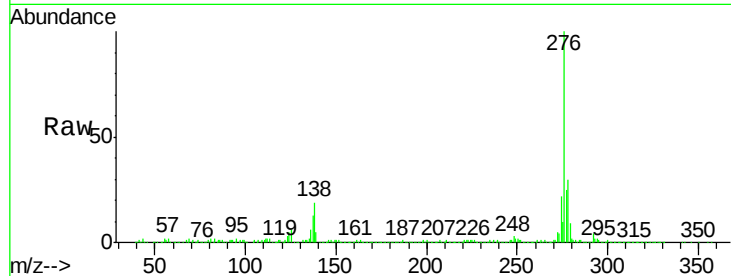




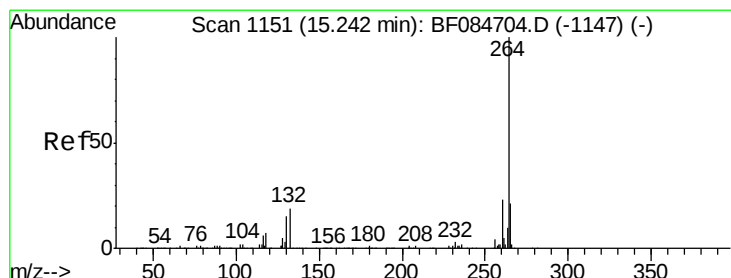
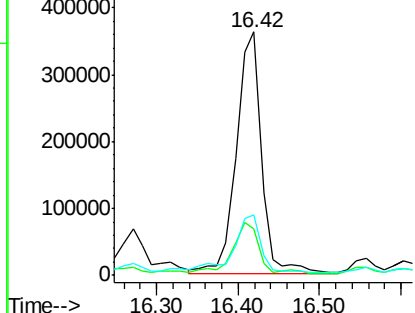
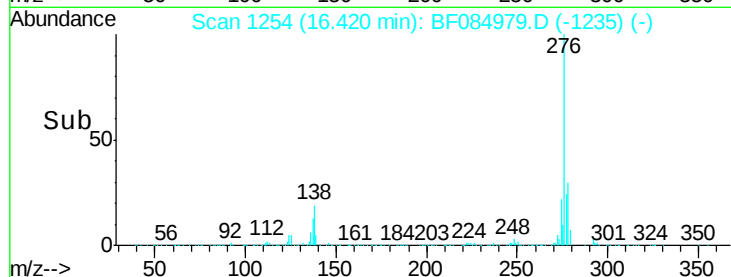
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.71 ng
 RT: 16.42 min Scan# 1254
 Delta R.T. -0.08 min
 Lab File: BF084979.D
 Acq: 10 Feb 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.6	30.8
277	29.3	20.1	30.1

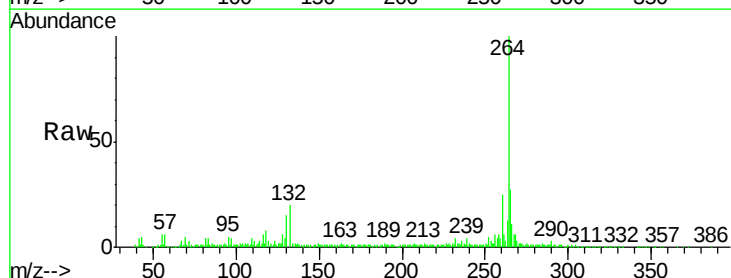


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

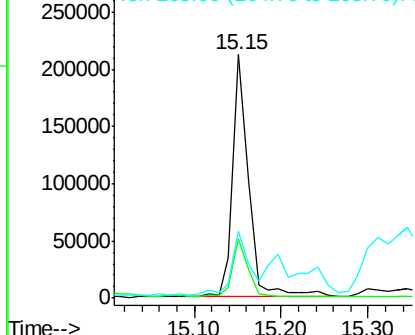
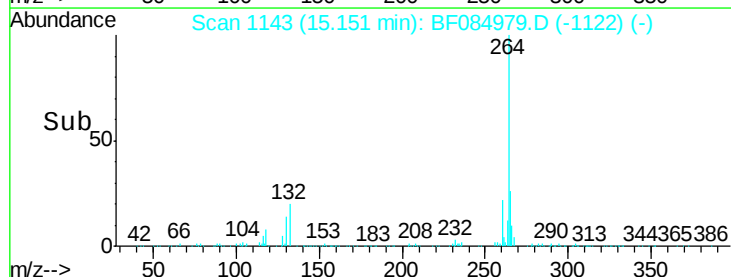


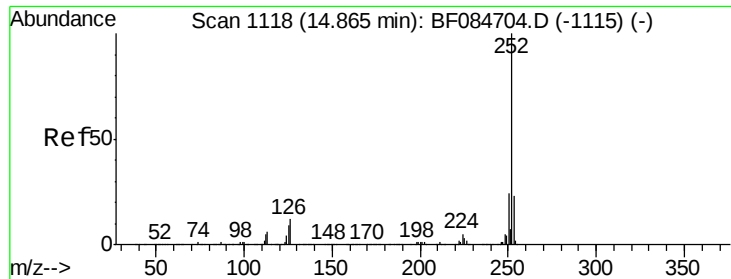
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1143
 Delta R.T. -0.06 min
 Lab File: BF084979.D
 Acq: 10 Feb 2016 3:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	27.3	17.8	26.6



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

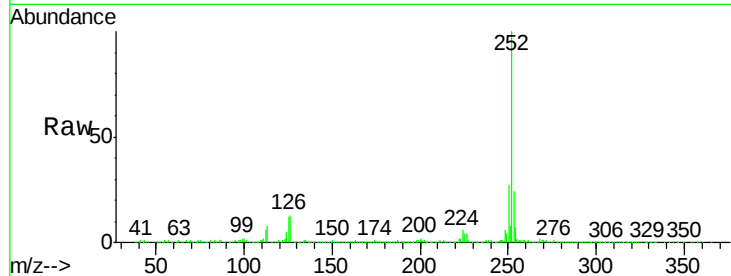




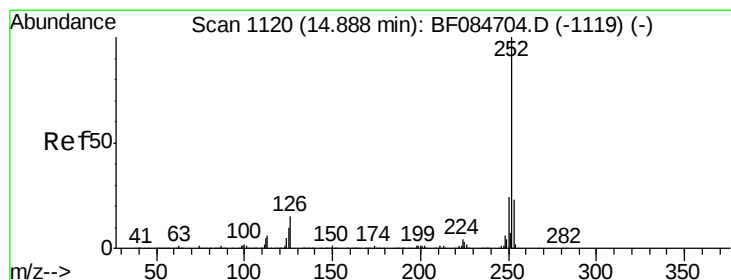
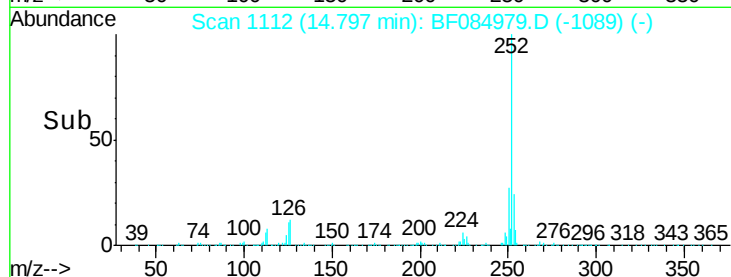
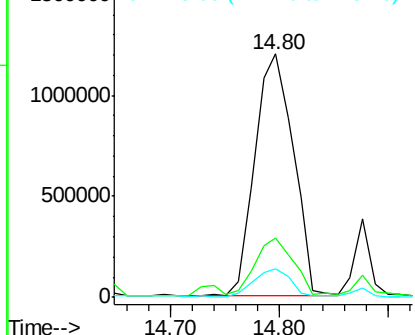
#87
Benzo(b)fluoranthene
Concen: 164.54 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:252 Resp: 2961149
Ion Ratio Lower Upper
252 100
253 24.3 17.3 25.9
125 11.6 6.5 9.7#

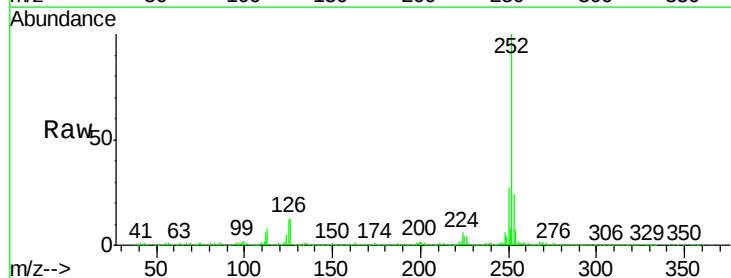


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

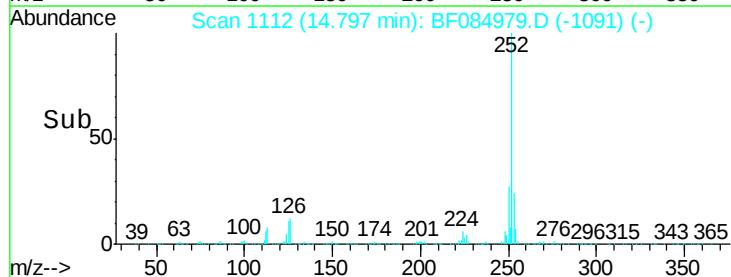
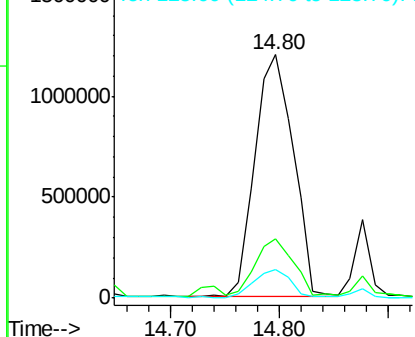


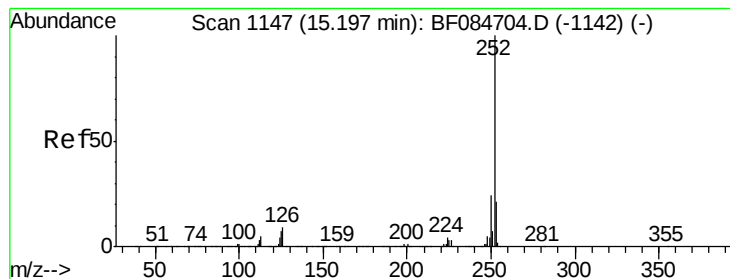
#88
Benzo(k)fluoranthene
Concen: 198.99 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:252 Resp: 2961149
Ion Ratio Lower Upper
252 100
253 24.3 18.1 27.1
125 11.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 98.85 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.05 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Instrument :

BNA_F

ClientSampleId :

WC-1

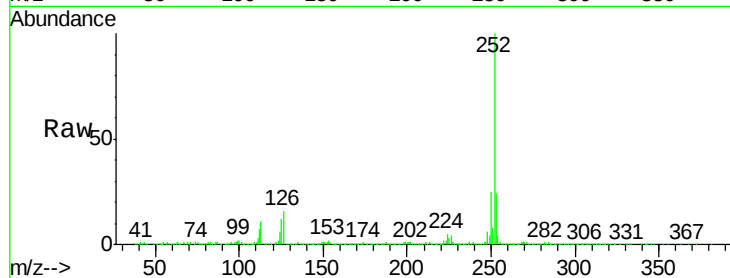
Tgt Ion:252 Resp: 1515759

Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

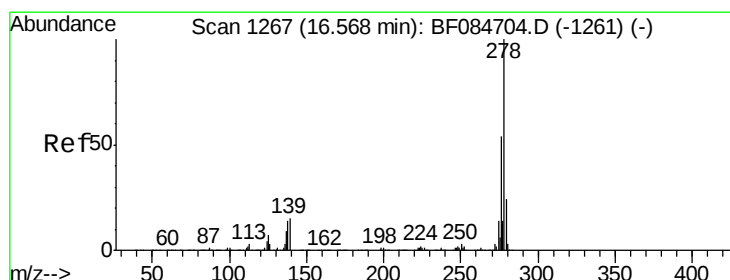
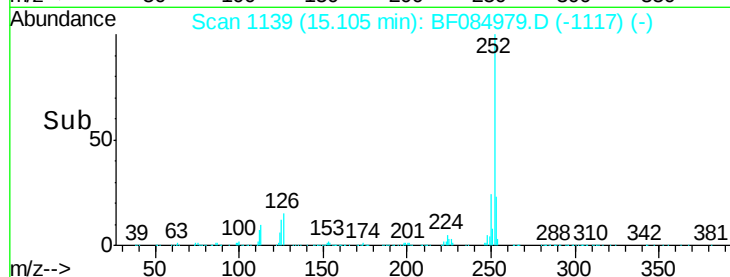
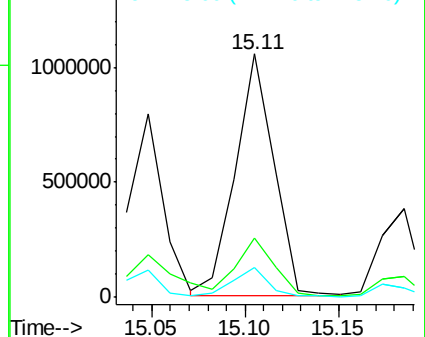
125 12.0 7.0 10.4#



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: 12.27 ng

RT: 16.56 min Scan# 1266

Delta R.T. 0.05 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

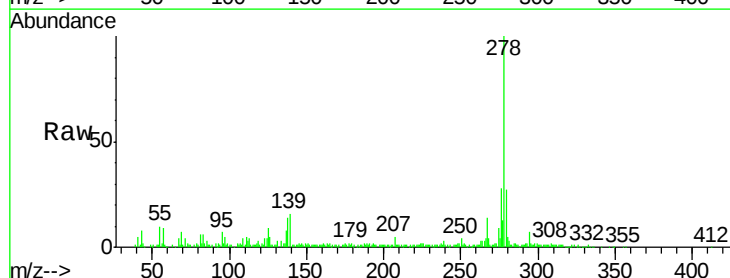
Tgt Ion:278 Resp: 158441

Ion Ratio Lower Upper

278 100

139 15.8 15.0 22.4

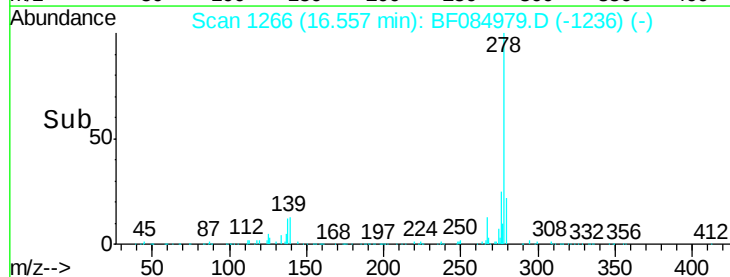
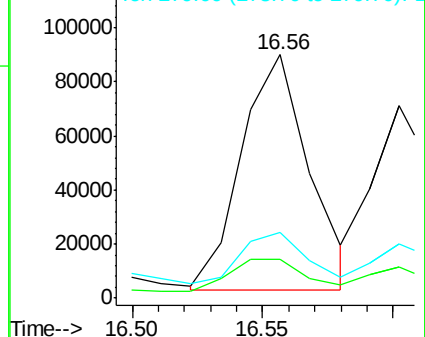
279 27.1 18.9 28.3

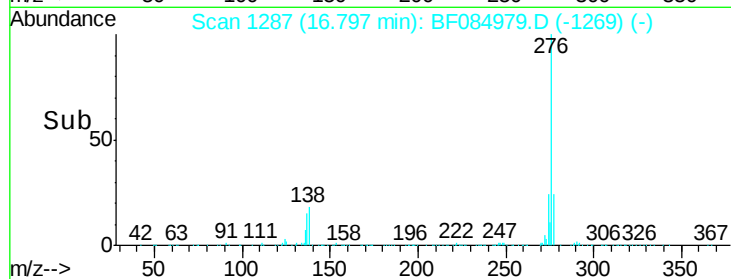
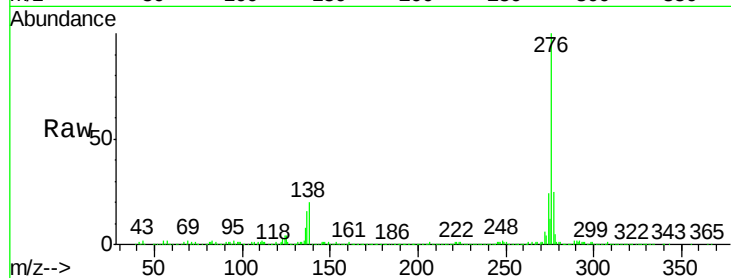
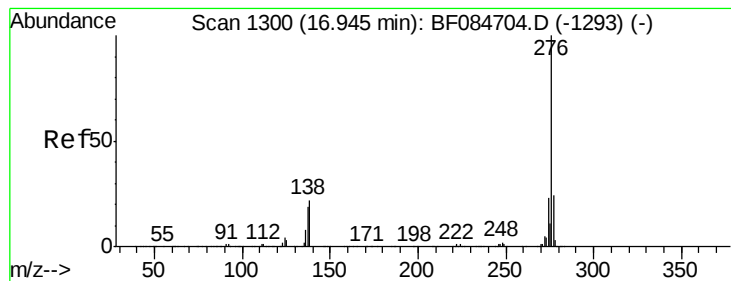


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.69 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.09 min

Lab File: BF084979.D

Acq: 10 Feb 2016 3:50

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:276 Resp: 659076

Ion Ratio Lower Upper

276 100

277 24.9 18.8 28.2

138 19.6 17.8 26.6

