

Data Path : Z:\HPCHEM1\BNA F\Data\BF051016\
 Data File : BF086888.D
 Acq On : 11 May 2016 8:33
 Operator : UM/SJ
 Sample : H2961-01 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 11 11:53:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

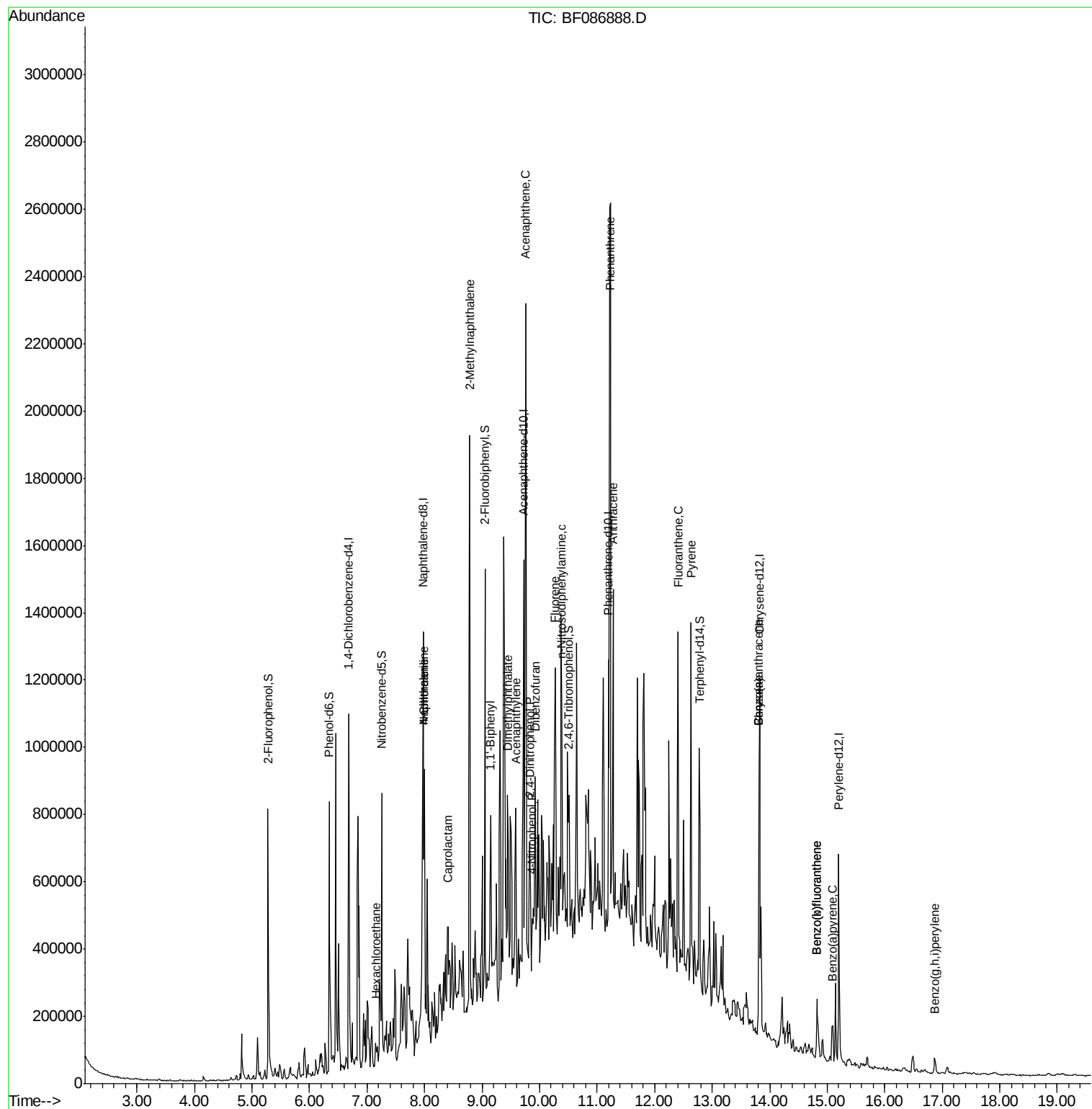
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	142271	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	532031	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	221103	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	335516	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	295759	20.00	ng	-0.01
86) Perylene-d12	15.20	264	258511	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	253141	30.13	ng	-0.01
7) Phenol-d6	6.34	99	341977	30.46	ng	-0.02
23) Nitrobenzene-d5	7.25	82	212023	20.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	50935	21.76	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	358572	27.26	ng	-0.01
78) Terphenyl-d14	12.77	244	244743	17.56	ng	-0.02
Target Compounds						Qvalue
18) Hexachloroethane	7.15	117	8822	2.10	ng	# 1
31) Naphthalene	8.00	128	391458	14.69	ng	99
33) 4-Chloroaniline	8.00	127	58335	5.63	ng	# 39
35) Caprolactam	8.41	113	10213	4.18	ng	# 1
37) 2-Methylnaphthalene	8.78	142	460539	29.56	ng	95
45) 1,1'-Biphenyl	9.15	154	153497	8.73	ng	98
48) Acenaphthylene	9.58	152	97553	4.81	ng	# 88
49) Dimethylphthalate	9.45	163	34713	2.06	ng	98
51) Acenaphthene	9.76	154	465037	36.89	ng	97
53) 2,4-Dinitrophenol	9.82	184	1131	8.25	ng	# 1
54) Dibenzofuran	9.93	168	40637	2.51	ng	# 67
55) 4-Nitrophenol	9.87	139	2053	5.34	ng	# 42
57) Fluorene	10.27	166	361327	26.18	ng	98
60) 4-Chlorophenyl-phenylether	10.21	204	1103	Below Cal	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	61959	6.01	ng	# 78
70) Phenanthrene	11.23	178	1247692	69.68	ng	100
71) Anthracene	11.28	178	449821	24.56	ng	100
74) Fluoranthene	12.41	202	383292	20.81	ng	94
77) Pvrene	12.64	202	591697	26.13	ng	99
80) Benzo(a)anthracene	13.81	228	208247	12.54	ng	# 78
82) Chrysene	13.81	228	208247	12.33	ng	# 80
87) Benzo(b)fluoranthene	14.82	252	123709	7.36	ng	98
88) Benzo(k)fluoranthene	14.82	252	123709	8.99	ng	97
89) Benzo(a)pyrene	15.09	252	62761	4.33	ng	96
91) Benzo(g,h,i)perylene	16.87	276	37305	3.01	ng	97

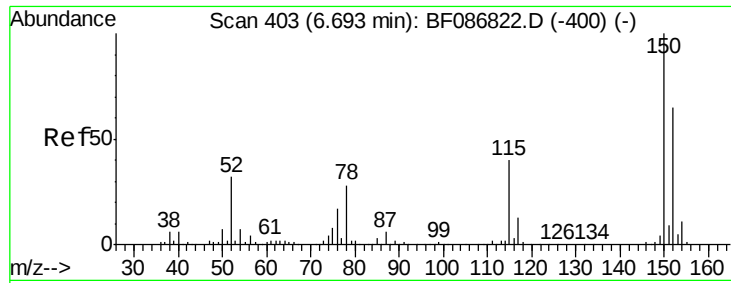
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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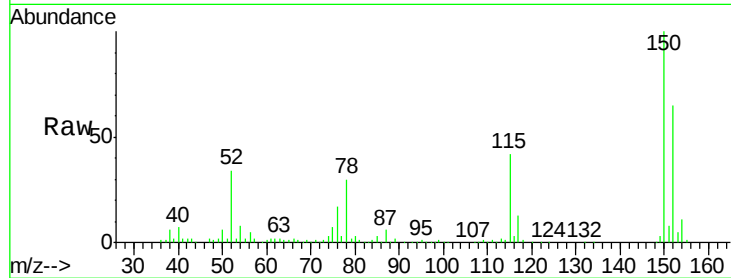


#1

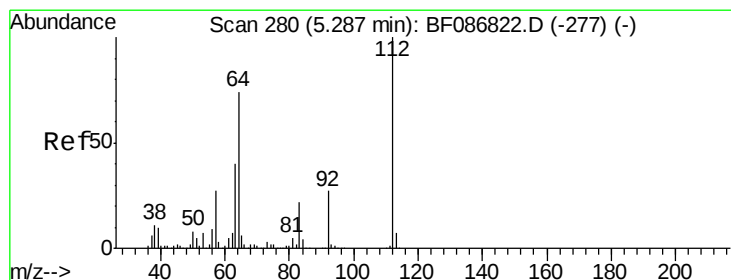
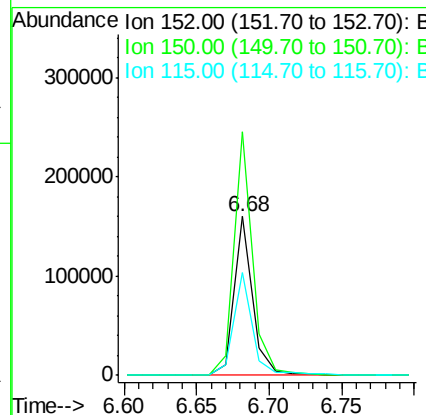
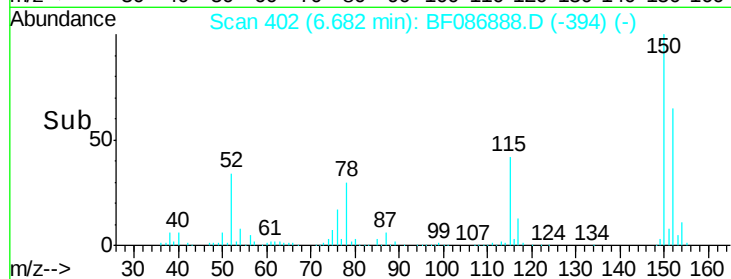
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.8	188.6
115	64.6	51.5	77.3



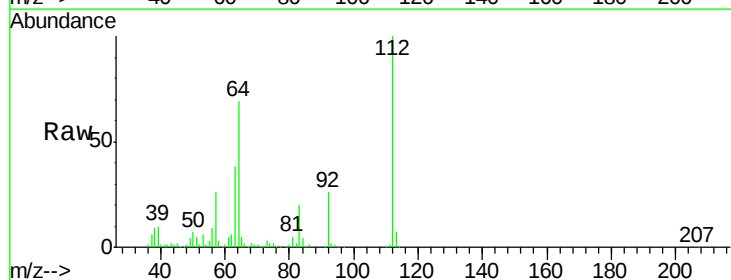
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



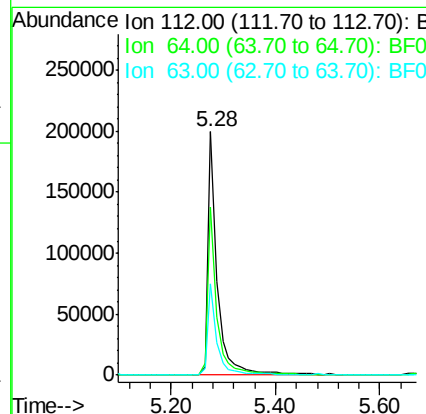
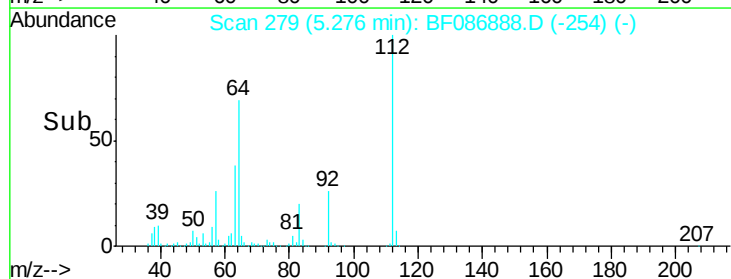
#5

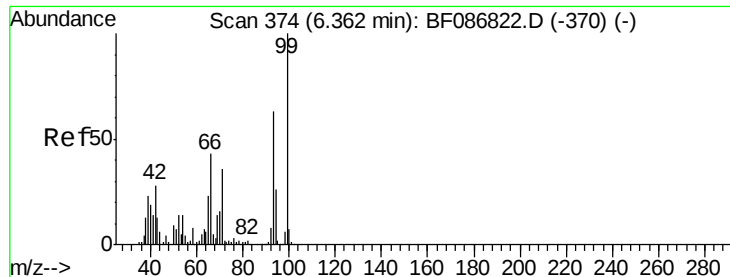
2-Fluorophenol
Concen: 30.13 ng
RT: 5.28 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	52.1	78.1
63	37.7	25.7	38.5



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: 30.46 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

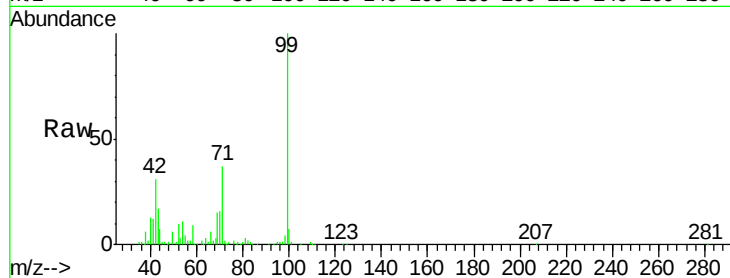
Tot Ion: 99 Resp: 341977

Ion Ratio Lower Upper

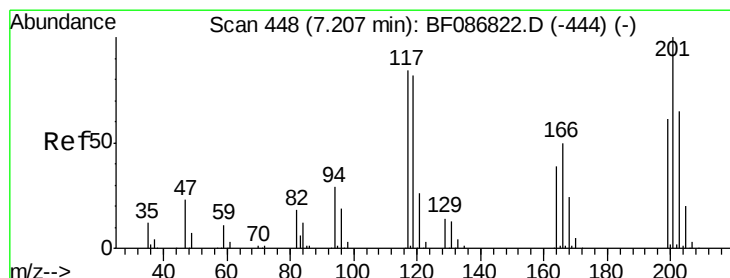
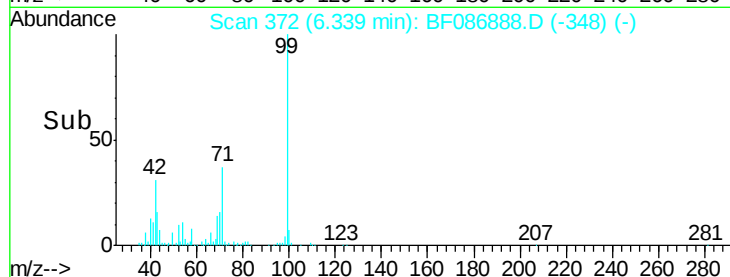
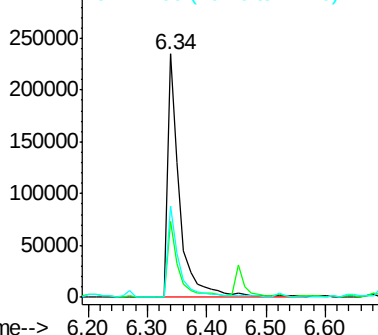
99 100

42 31.2 13.6 20.4#

71 37.3 24.6 36.8#



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



#18

Hexachloroethane

Concen: 2.10 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

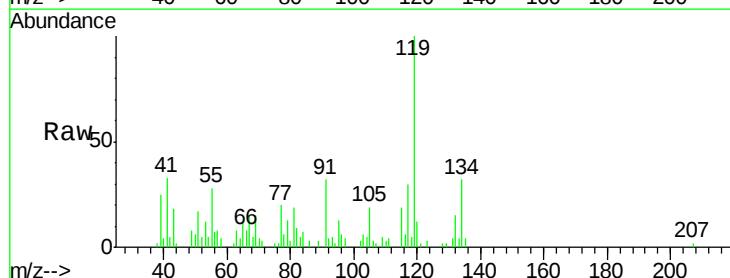
Tgt Ion: 117 Resp: 8822

Ion Ratio Lower Upper

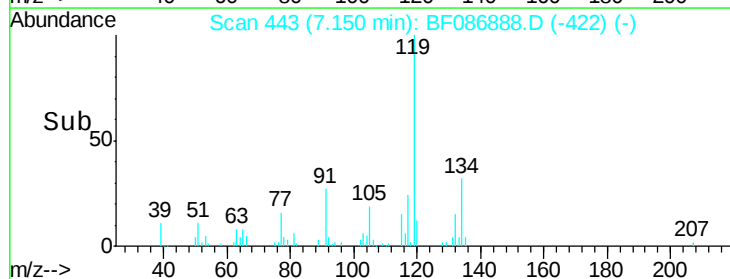
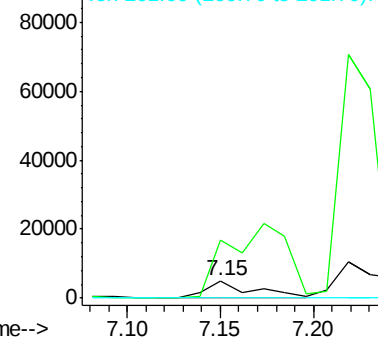
117 100

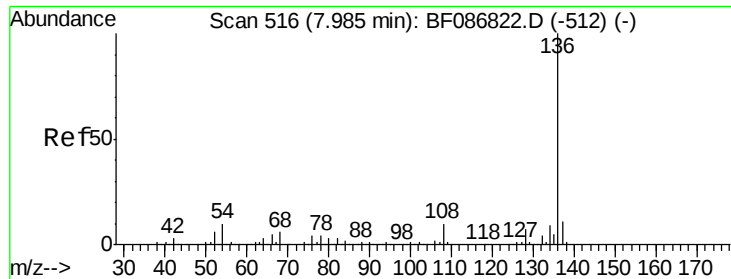
119 336.9 76.5 114.7#

201 0.0 63.0 94.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 532031

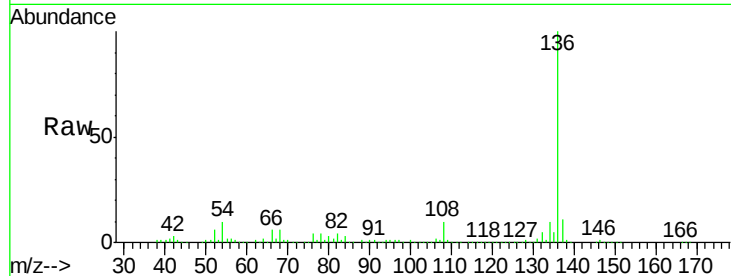
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.4 5.0 7.4#

68 5.7 4.4 6.6

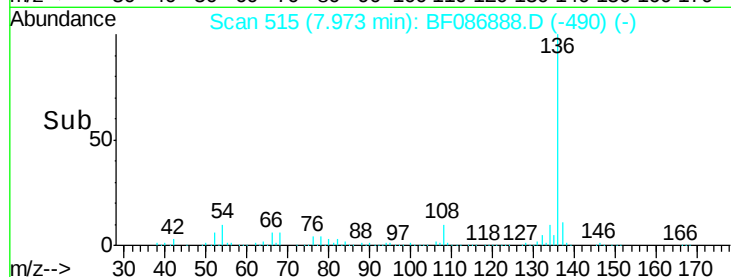


Abundance Ion 136.00 (135.70 to 136.70): E

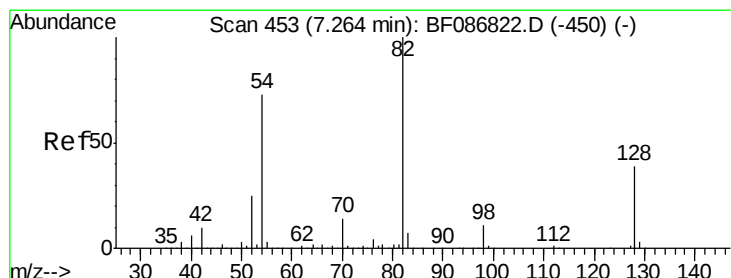
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.80 7.90 8.00 8.10 8.20



#23

Nitrobenzene-d5

Concen: 20.01 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

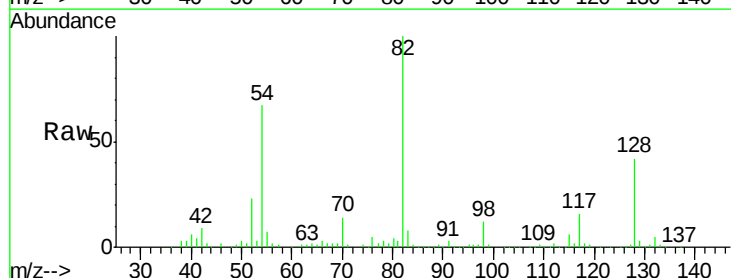
Tgt Ion: 82 Resp: 212023

Ion Ratio Lower Upper

82 100

128 41.9 40.6 61.0

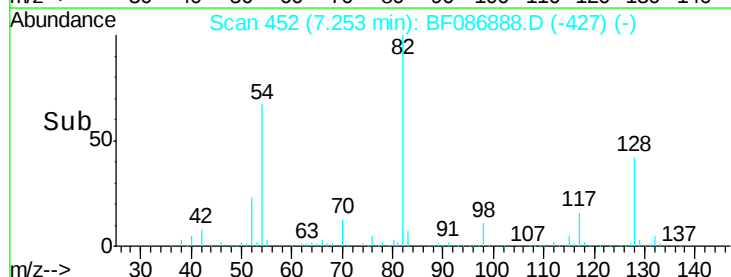
54 67.2 38.1 57.1#



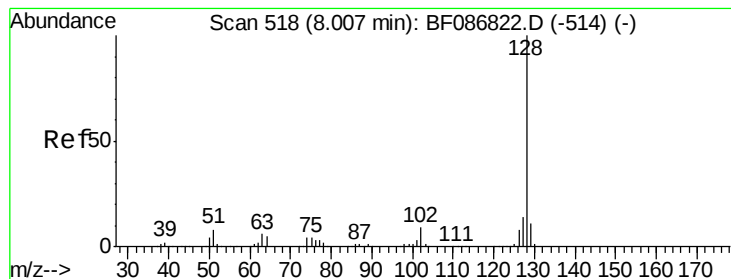
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.10 7.20 7.30 7.40



#31

Naphthalene

Concen: 14.69 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

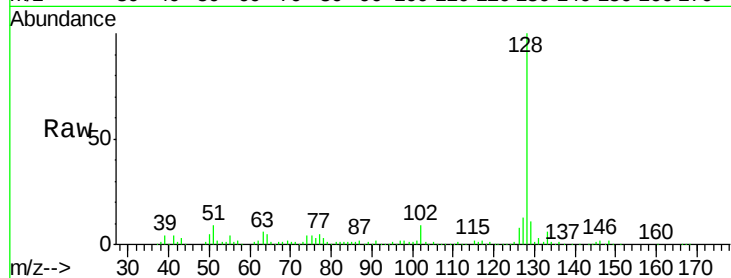
Tot Ion:128 Resp: 391458

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

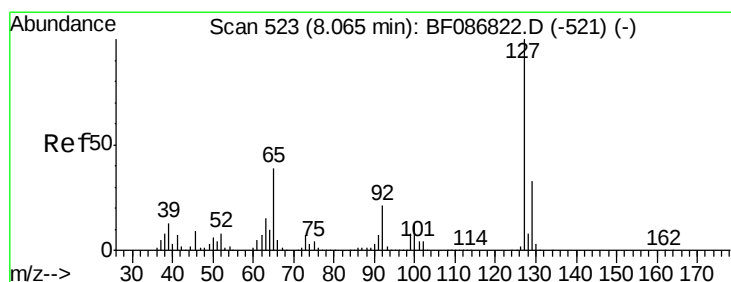
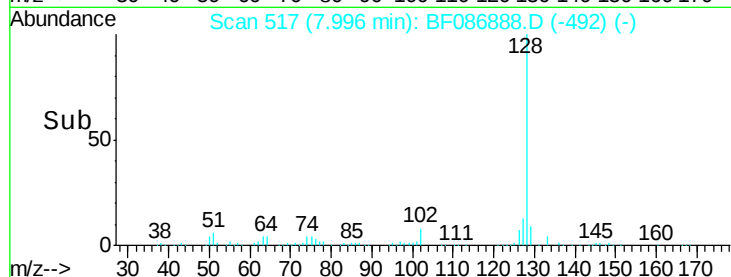
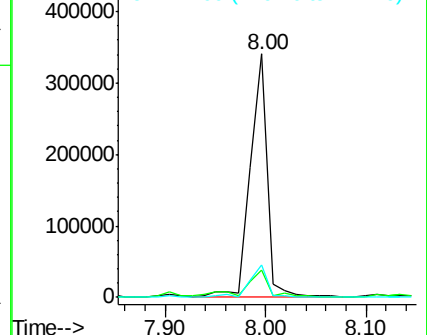
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 5.63 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.07 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

Tgt Ion:127 Resp: 58335

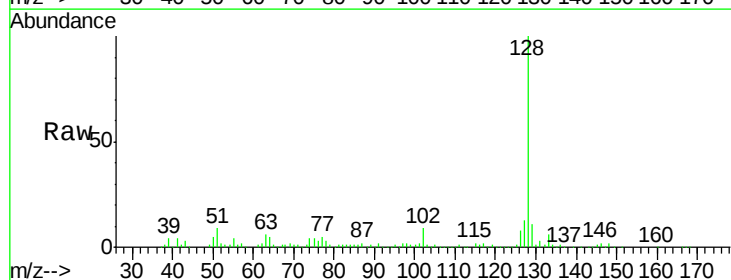
Ion Ratio Lower Upper

127 100

129 84.6 26.2 39.4#

65 7.6 23.0 34.4#

92 1.8 15.1 22.7#

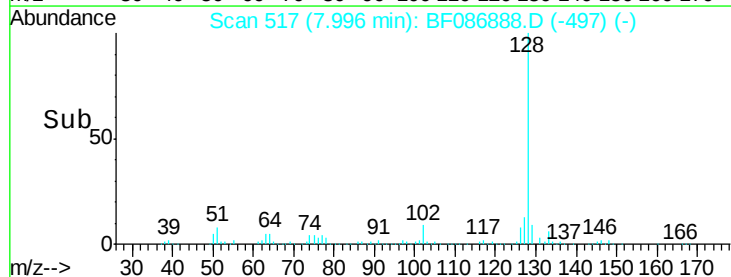
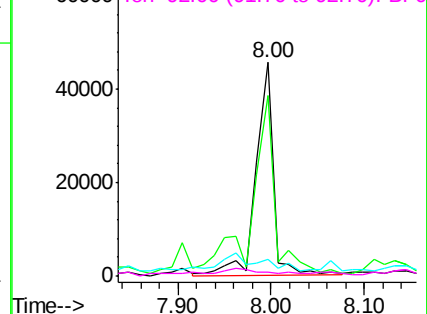


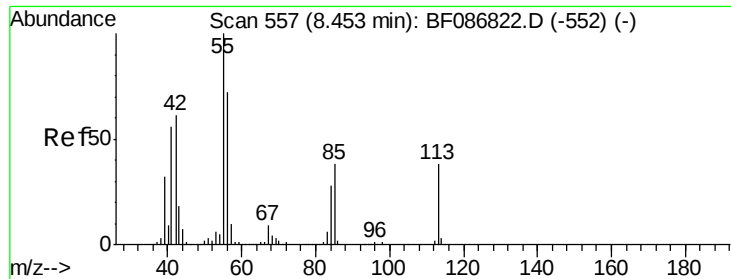
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

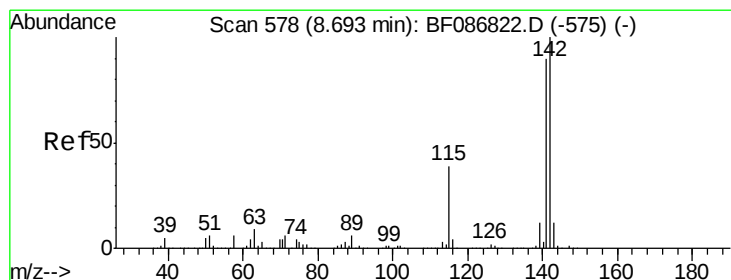
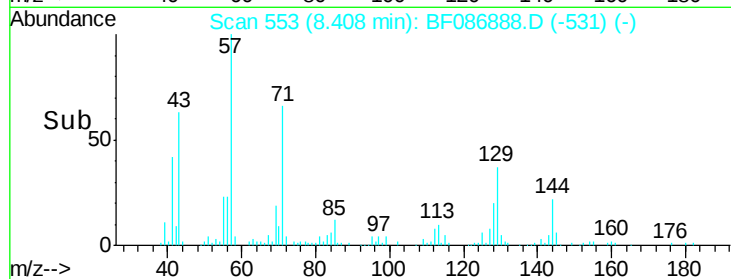
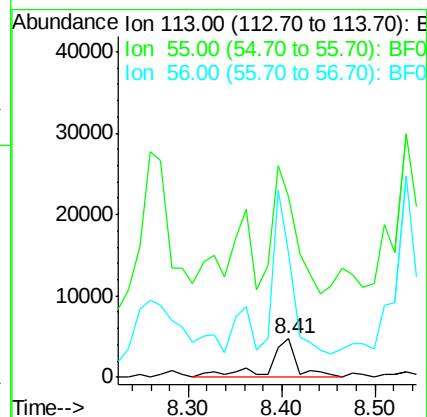
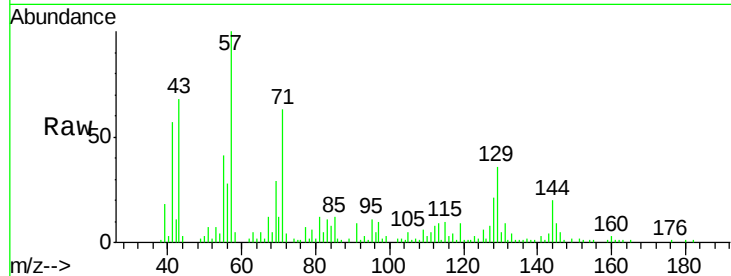




#35
Caprolactam
Concen: 4.18 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.05 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

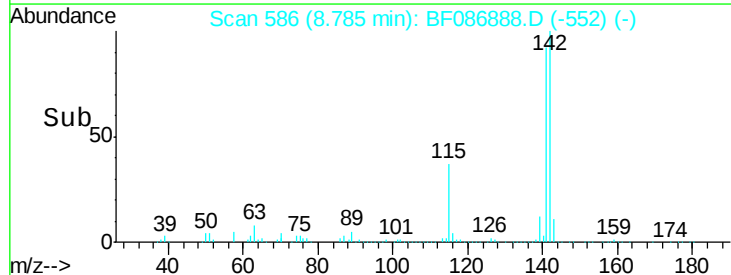
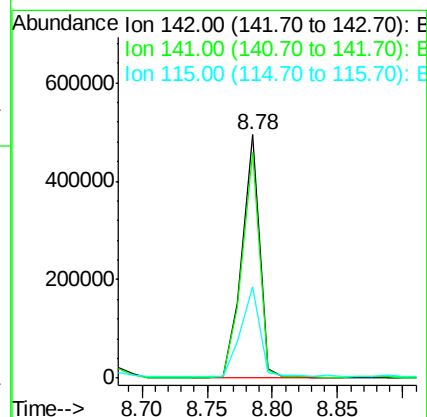
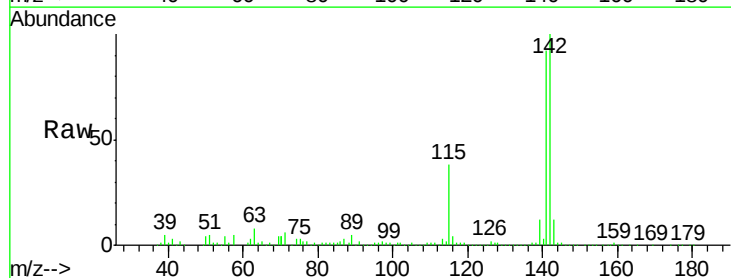
Instrument :
BNA_F
ClientSampleId :

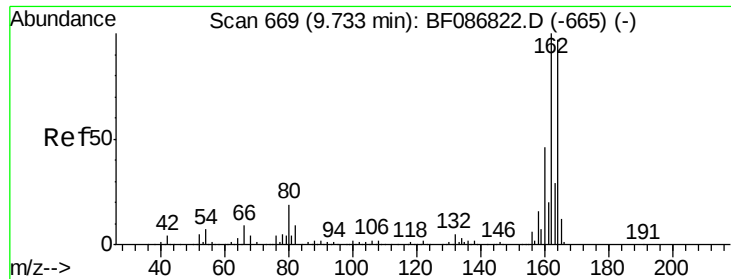
Tot Ion:113 Resp: 10213
Ion Ratio Lower Upper
113 100
55 469.9 162.0 202.0#
56 322.0 115.3 155.3#



#37
2-Methylnaphthalene
Concen: 29.56 ng
RT: 8.78 min Scan# 586
Delta R.T. 0.09 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Tgt Ion:142 Resp: 460539
Ion Ratio Lower Upper
142 100
141 92.5 71.0 106.6
115 37.7 26.6 39.8

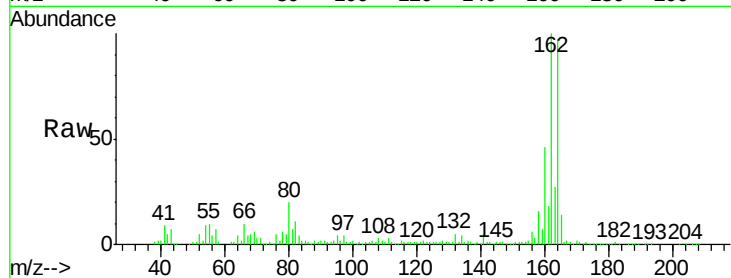




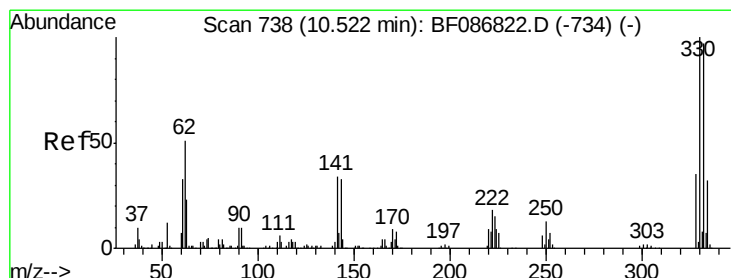
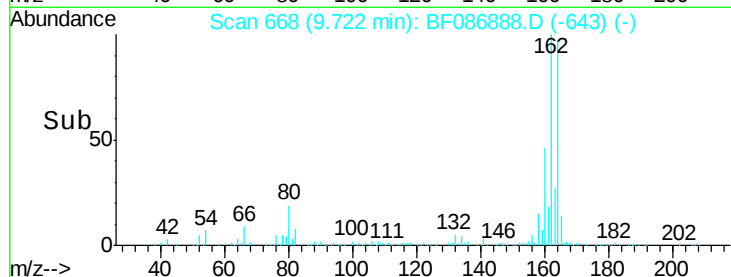
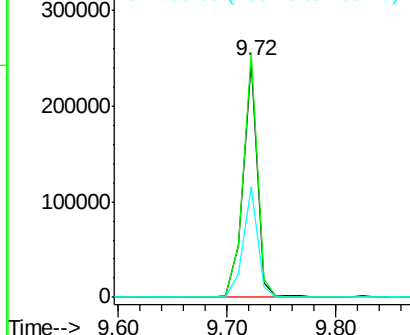
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 221103
Ion Ratio Lower Upper
164 100
162 103.0 82.8 124.2
160 46.9 36.9 55.3

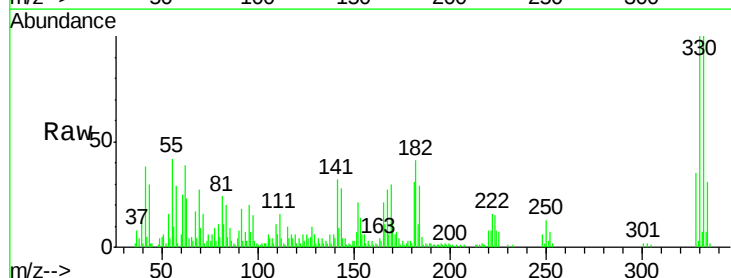


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

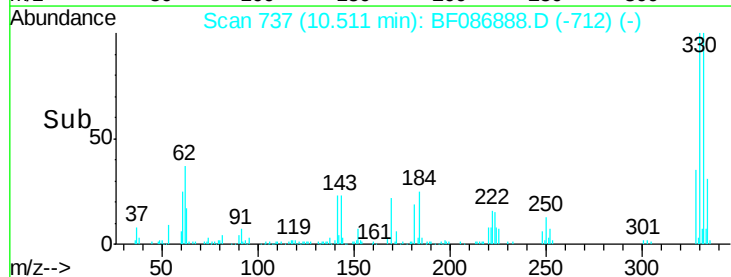
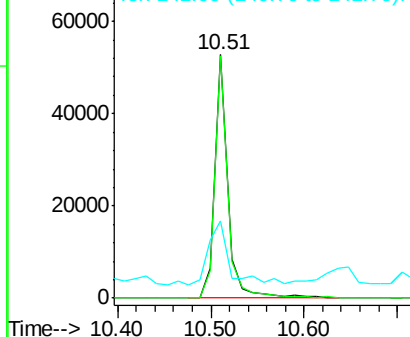


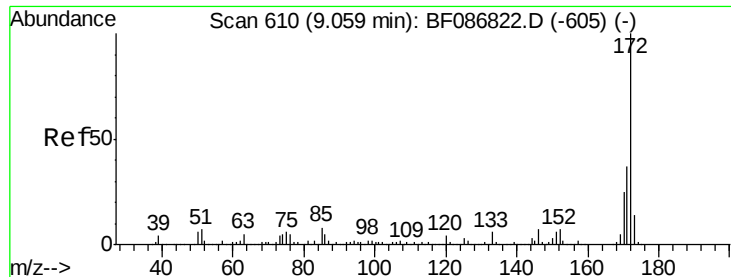
#41
2,4,6-Tribromophenol
Concen: 21.76 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Tgt Ion:330 Resp: 50935
Ion Ratio Lower Upper
330 100
332 98.2 79.0 118.4
141 43.7 31.2 46.8



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

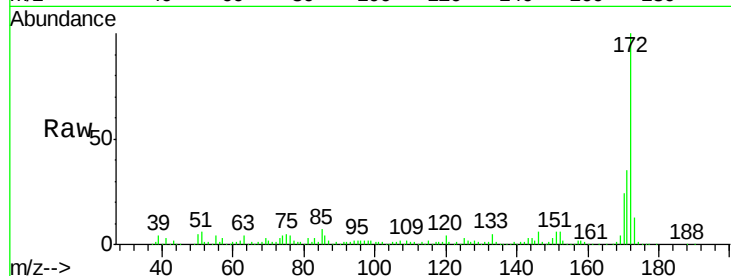




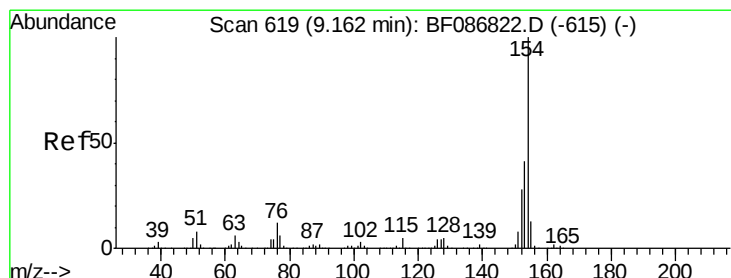
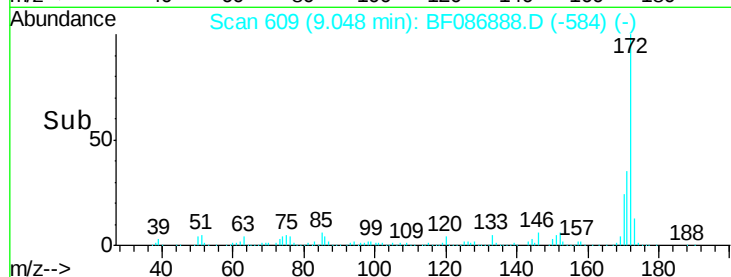
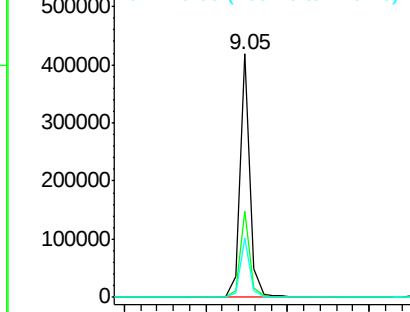
#44
2-Fluorobiphenyl
Concen: 27.26 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 358572
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 24.1 19.8 29.8

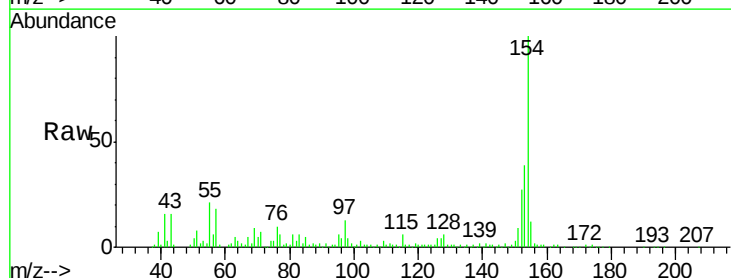


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

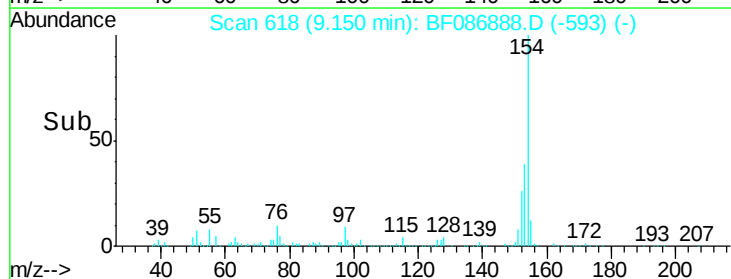
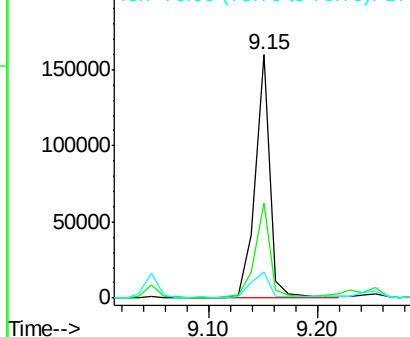


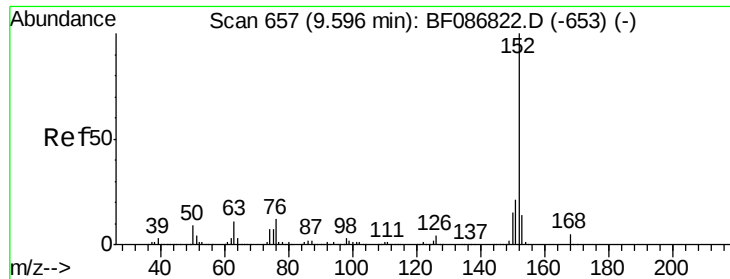
#45
1,1'-Biphenyl
Concen: 8.73 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Tgt Ion:154 Resp: 153497
Ion Ratio Lower Upper
154 100
153 39.0 20.3 60.3
76 10.5 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 4.81 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

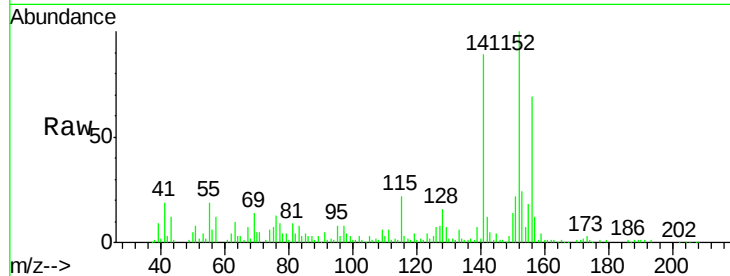
Tot Ion:152 Resp: 97553

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

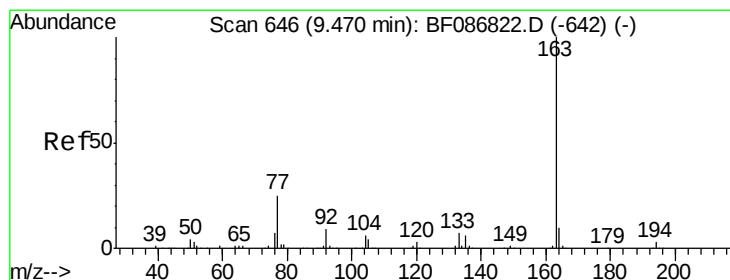
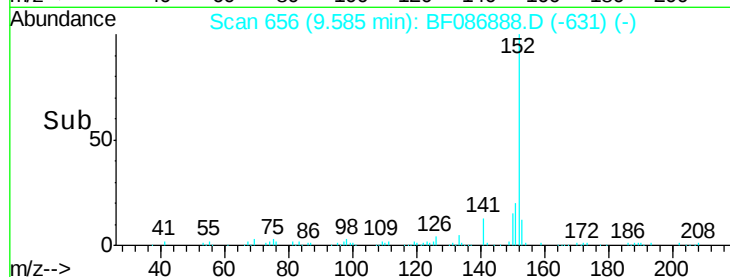
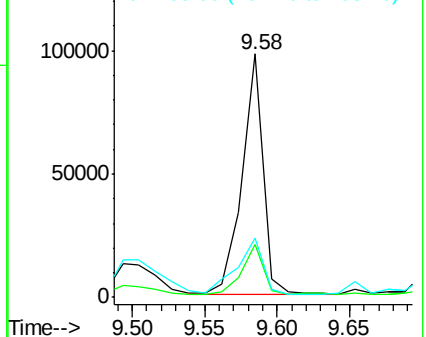
153 24.3 10.9 16.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.06 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

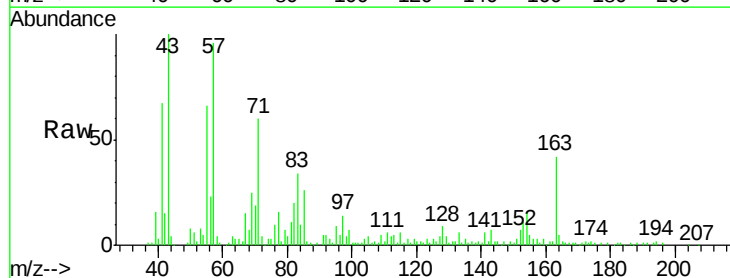
Tgt Ion:163 Resp: 34713

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

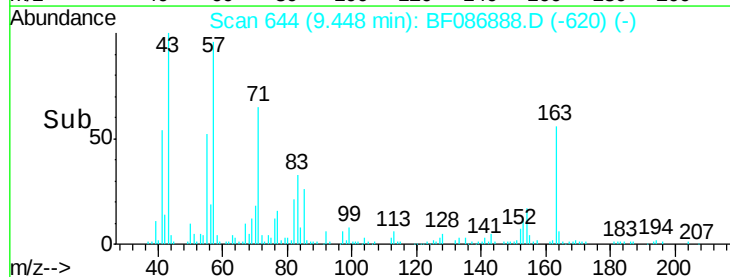
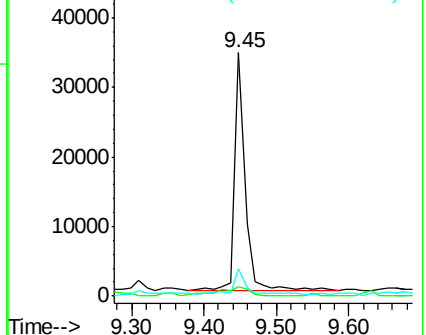
164 11.0 8.2 12.4

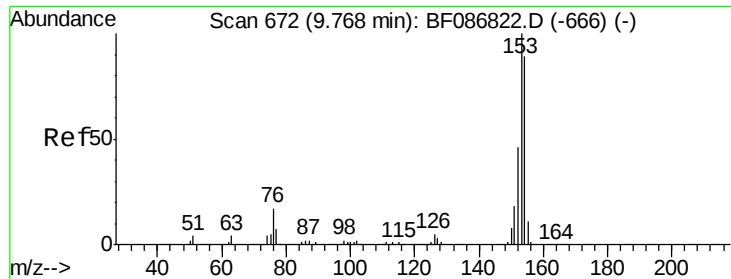


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

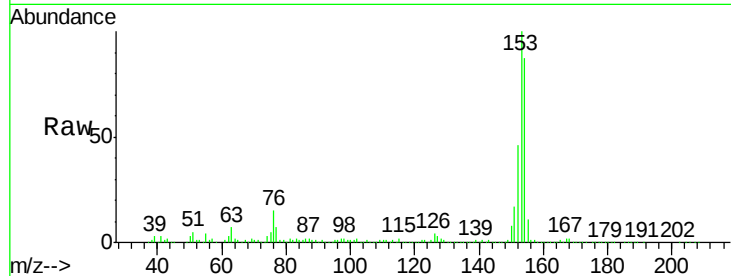




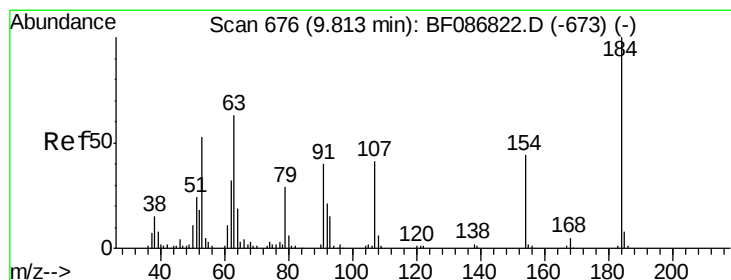
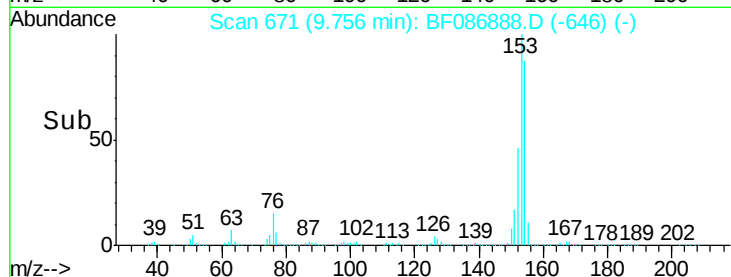
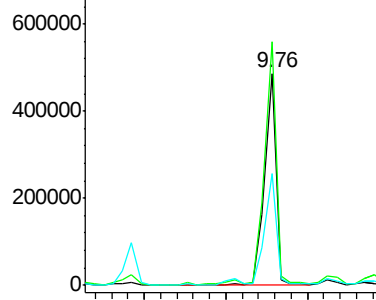
#51
Acenaphthene
Concen: 36.89 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 465037
Ion Ratio Lower Upper
154 100
153 115.0 89.8 134.6
152 52.5 43.4 65.0

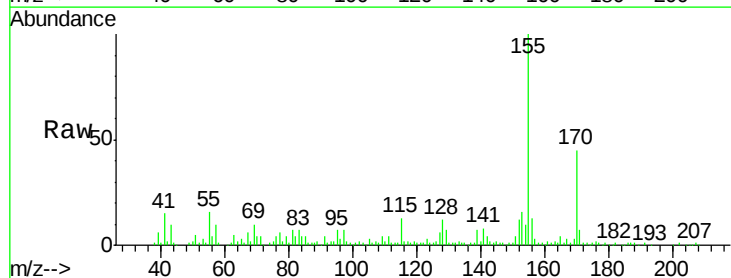


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

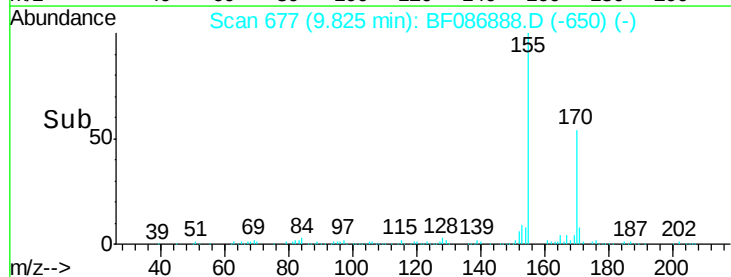
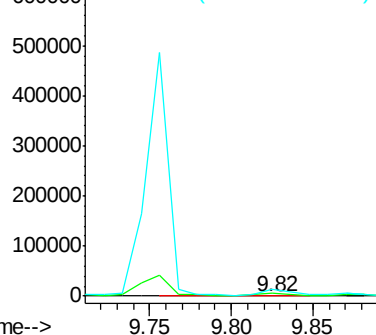


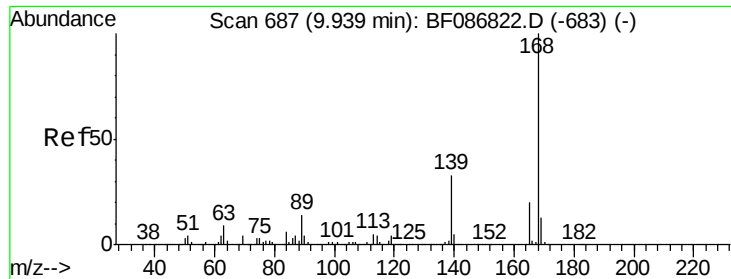
#53
2,4-Dinitrophenol
Concen: 8.25 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Tgt Ion:184 Resp: 1131
Ion Ratio Lower Upper
184 100
63 1729.2 55.8 83.8#
154 3622.5 62.4 93.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

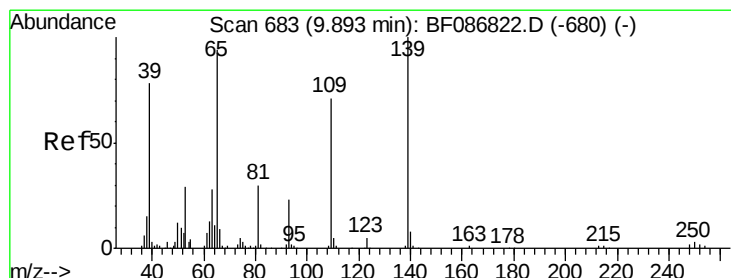
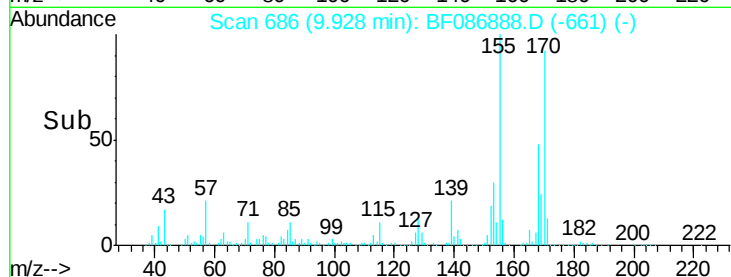
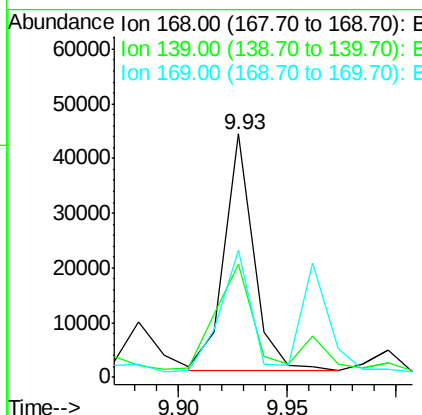
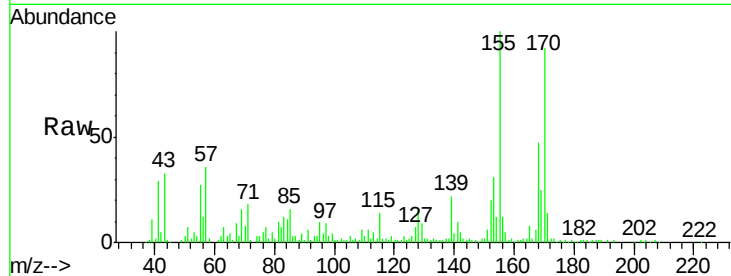




#54
Dibenzofuran
Concen: 2.51 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

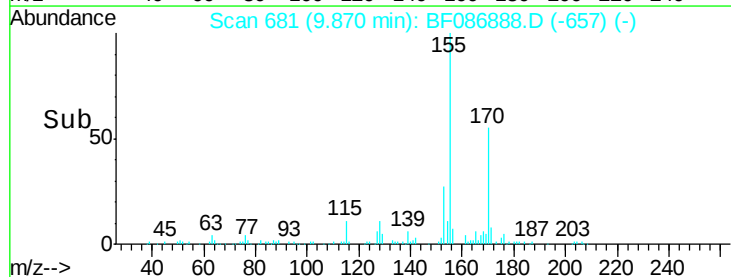
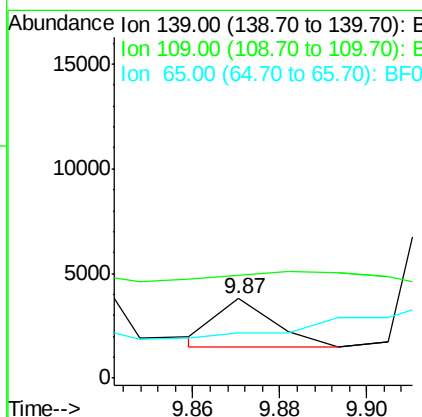
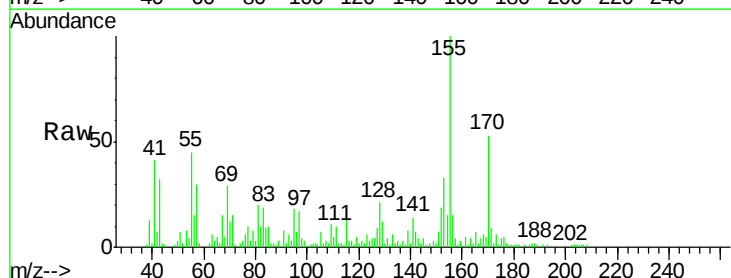
Instrument :
BNA_F
ClientSampled :

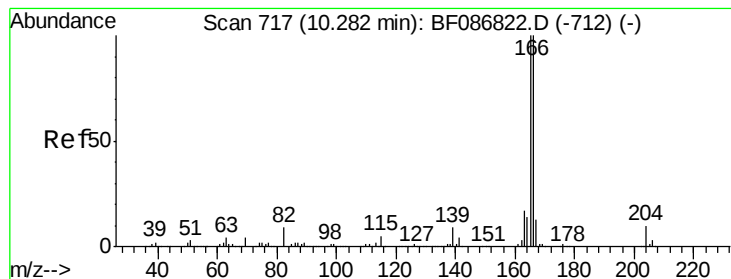
Tot Ion	Ratio	Lower	Upper
168	100		
139	46.4	31.4	47.0
169	52.1	10.7	16.1



#55
4-Nitrophenol
Concen: 5.34 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	130.0	36.9	76.9
65	56.2	64.0	104.0





#57

Fluorene

Concen: 26.18 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

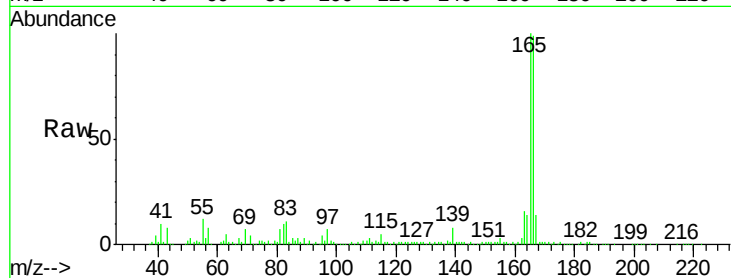
Tot Ion:166 Resp: 361327

Ion Ratio Lower Upper

166 100

165 101.1 79.0 118.6

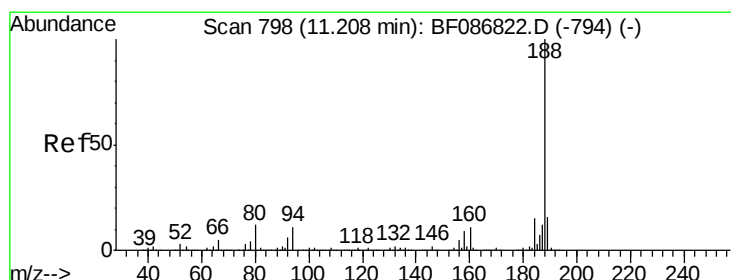
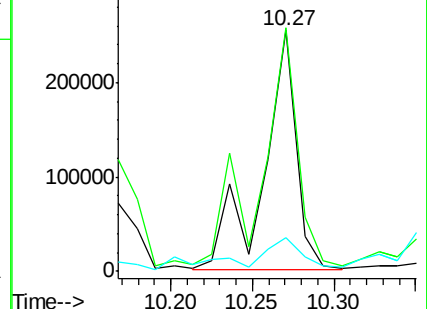
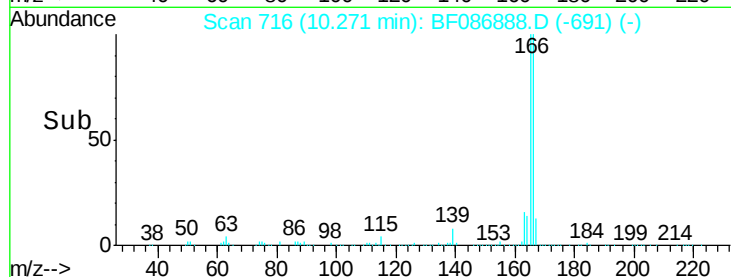
167 14.1 10.6 15.8



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: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

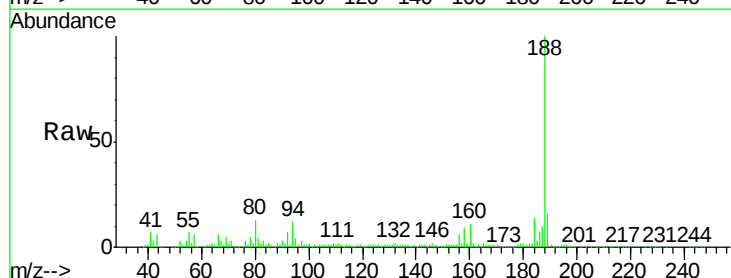
Tgt Ion:188 Resp: 335516

Ion Ratio Lower Upper

188 100

94 12.5 6.8 10.2#

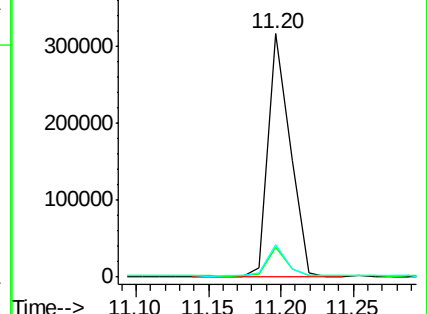
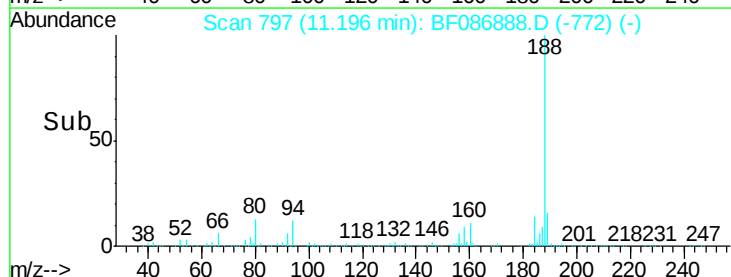
80 13.4 7.1 10.7#

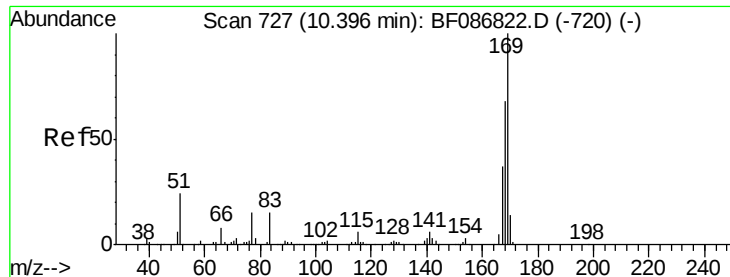


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

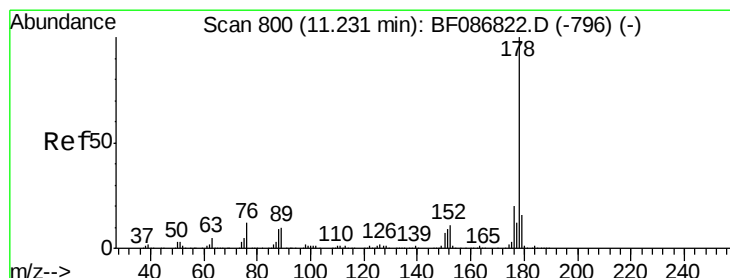
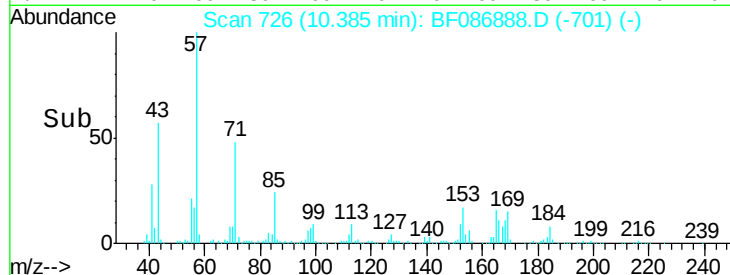
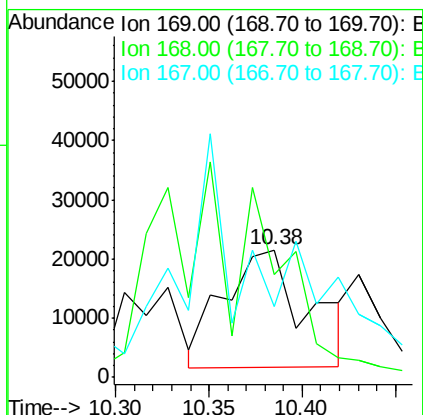
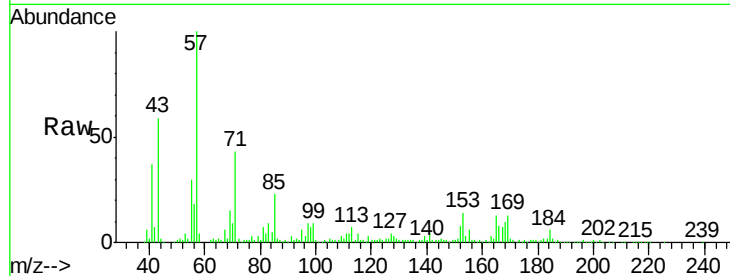




#65
n-Nitrosodiphenylamine
Concen: 6.01 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

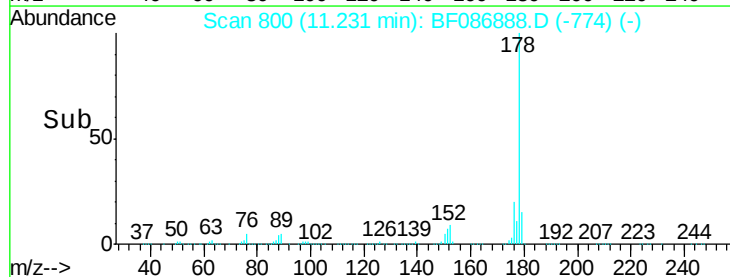
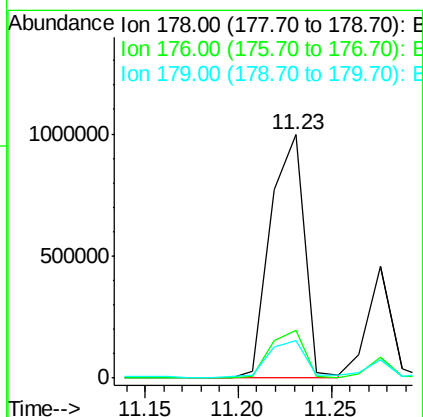
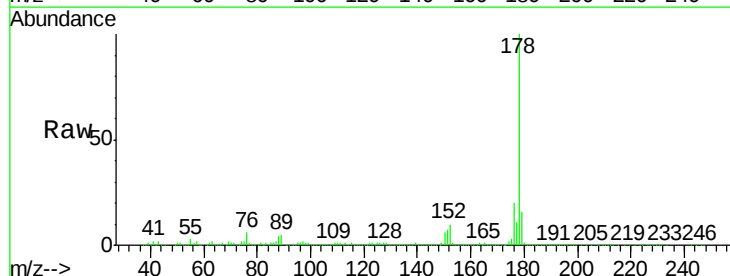
Instrument :
BNA_F
ClientSampleId :

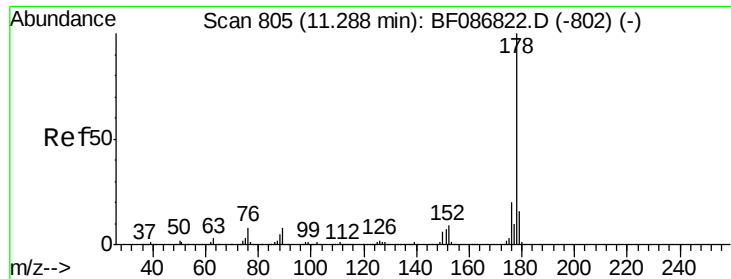
Tot Ion:169 Resp: 61959
Ion Ratio Lower Upper
169 100
168 80.7 53.8 80.6#
167 55.0 29.5 44.3#



#70
Phenanthrene
Concen: 69.68 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Tgt Ion:178 Resp: 1247692
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.5 12.6 18.8

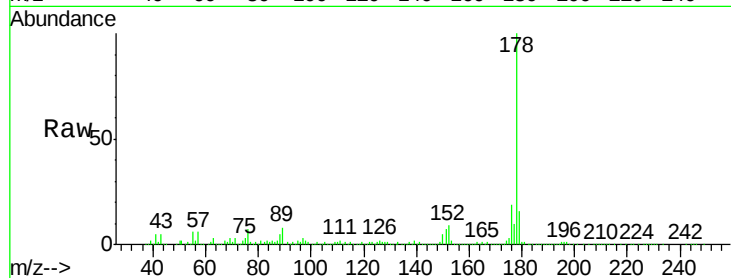




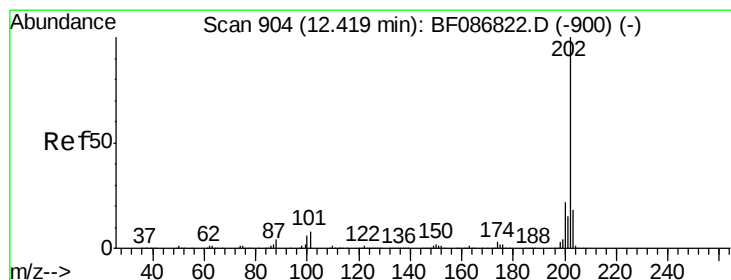
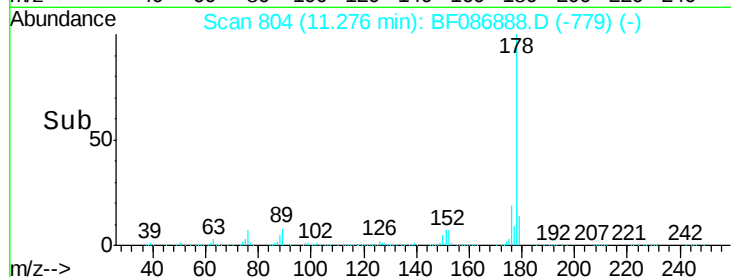
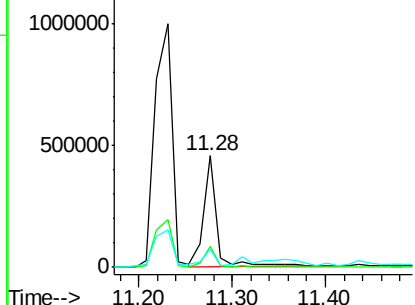
#71
 Anthracene
 Concen: 24.56 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF086888.D
 Acq: 11 May 2016 8:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 449821
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 16.0 12.7 19.1

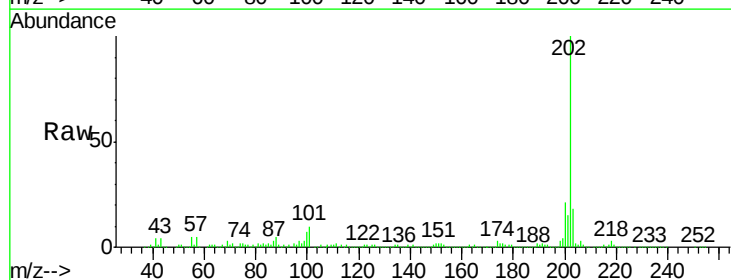


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

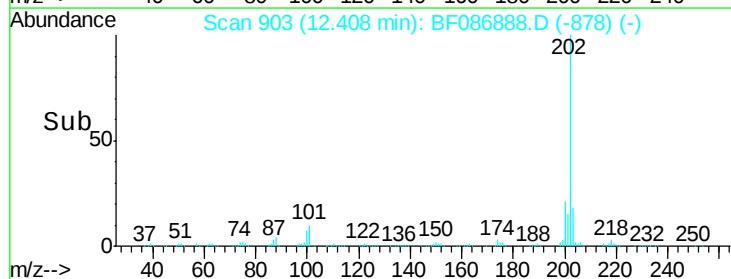
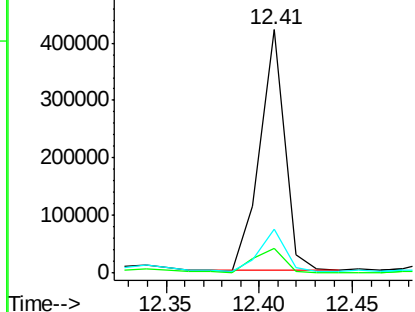


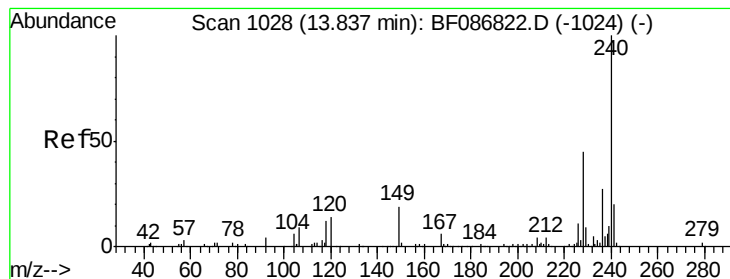
#74
 Fluoranthene
 Concen: 20.81 ng
 RT: 12.41 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF086888.D
 Acq: 11 May 2016 8:33

Tgt Ion:202 Resp: 383292
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 35.4
 203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

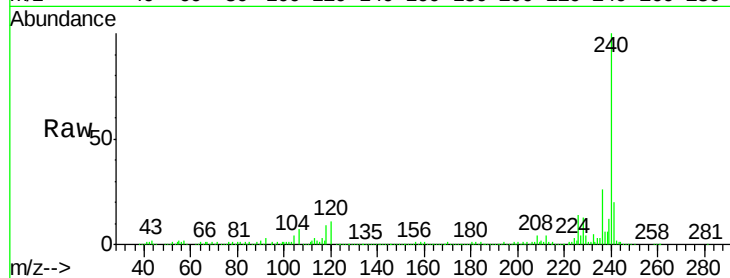
Tot Ion:240 Resp: 295759

Ion Ratio Lower Upper

240 100

120 10.8 11.2 16.8#

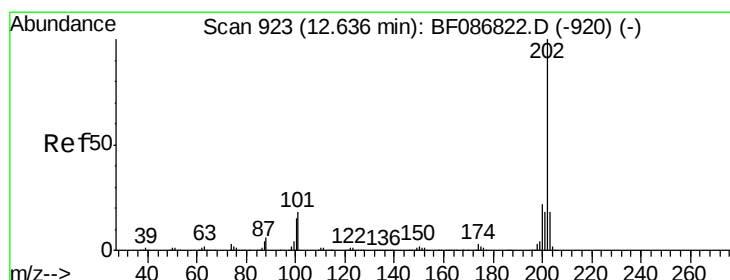
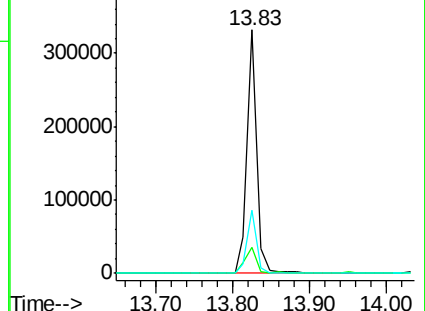
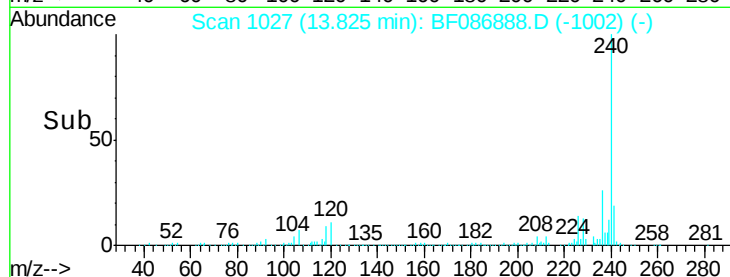
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 26.13 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

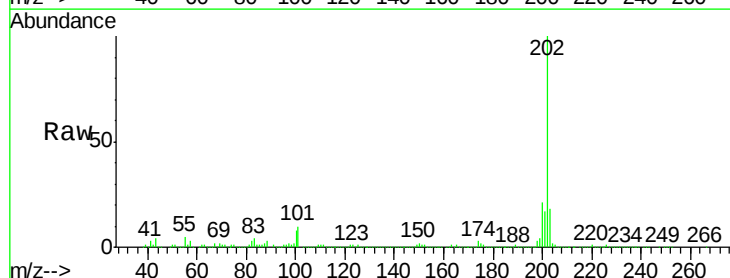
Tgt Ion:202 Resp: 591697

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

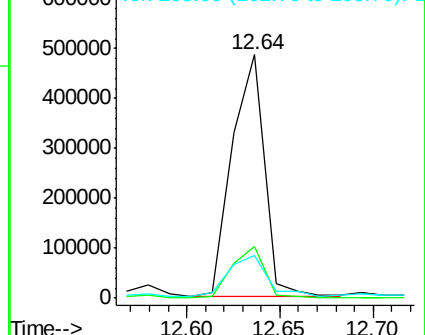
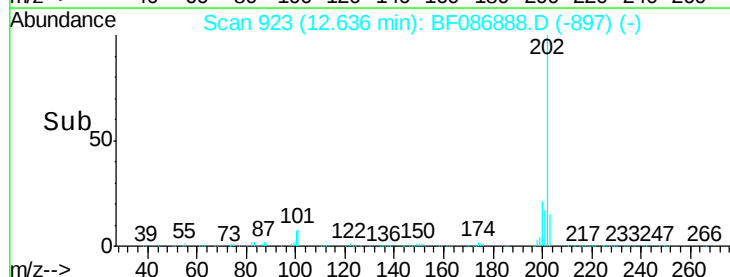
203 17.6 14.2 21.4

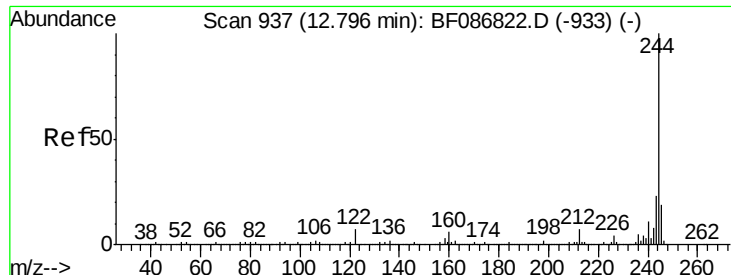


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

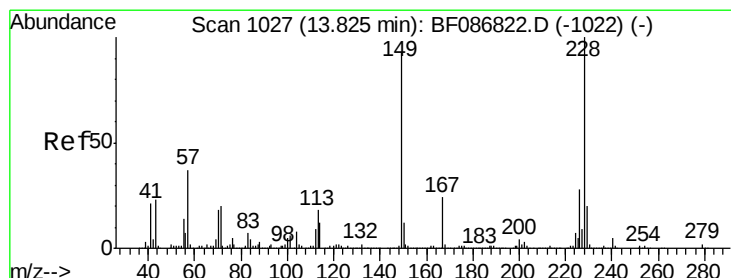
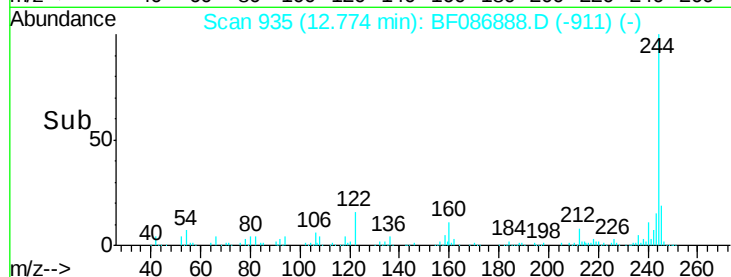
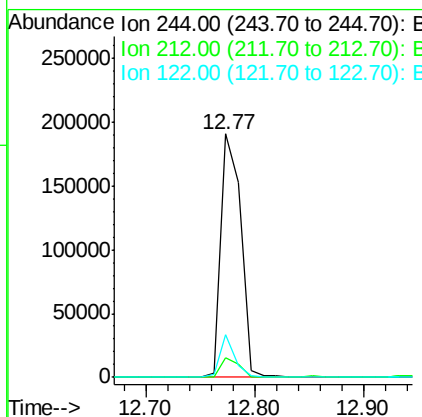
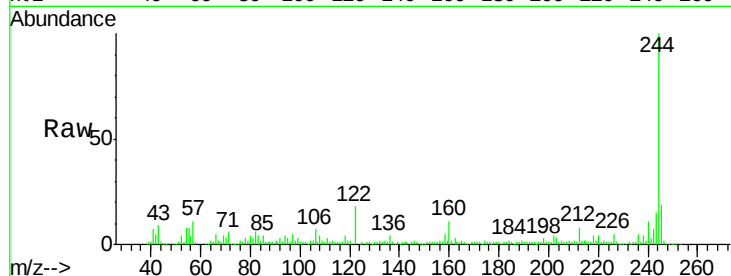




#78
 Terphenyl-d14
 Concen: 17.56 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF086888.D
 Acq: 11 May 2016 8:33

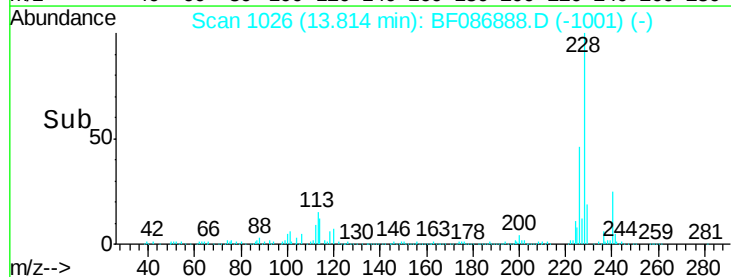
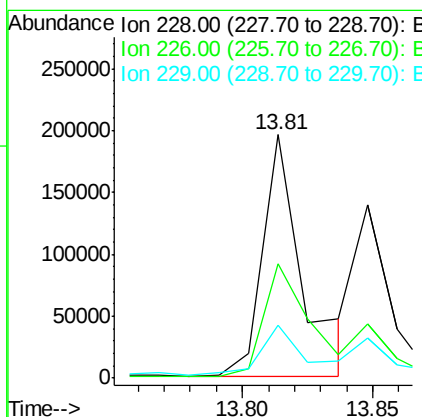
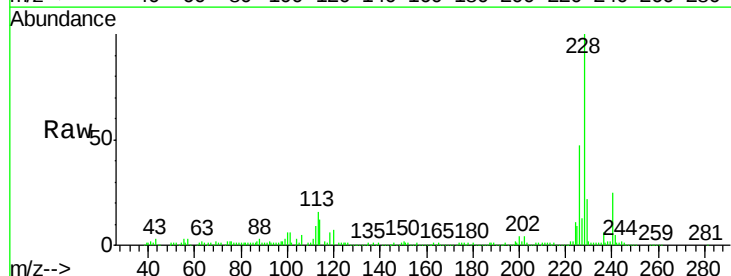
Instrument :
 BNA_F
 ClientSampled :

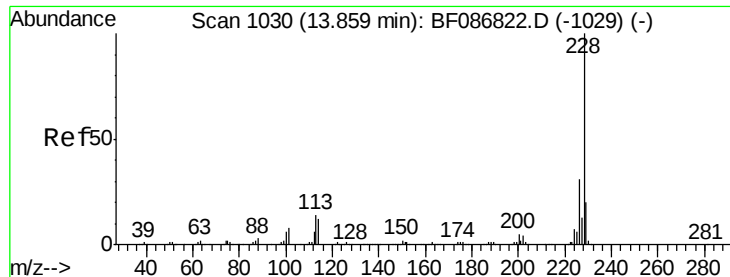
Tot Ion:244 Resp: 244743
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 17.7 12.0 18.0



#80
 Benzo(a)anthracene
 Concen: 12.54 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF086888.D
 Acq: 11 May 2016 8:33

Tgt Ion:228 Resp: 208247
 Ion Ratio Lower Upper
 228 100
 226 47.2 22.5 33.7#
 229 21.6 16.6 25.0





#82

Chrysene

Concen: 12.33 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

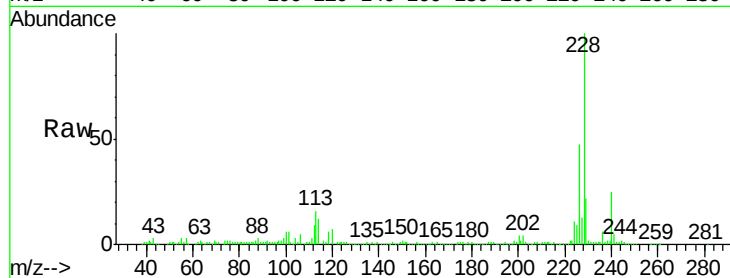
Tot Ion:228 Resp: 208247

Ion Ratio Lower Upper

228 100

226 47.2 24.4 36.6#

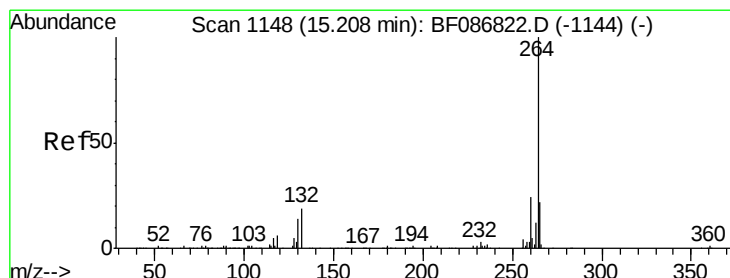
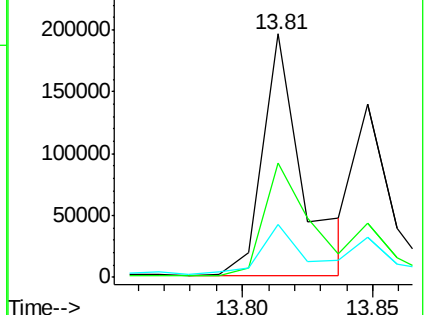
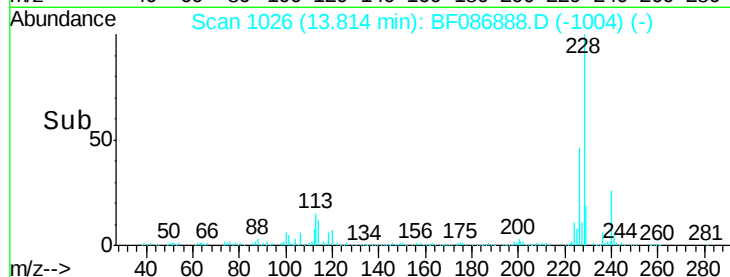
229 21.6 15.8 23.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

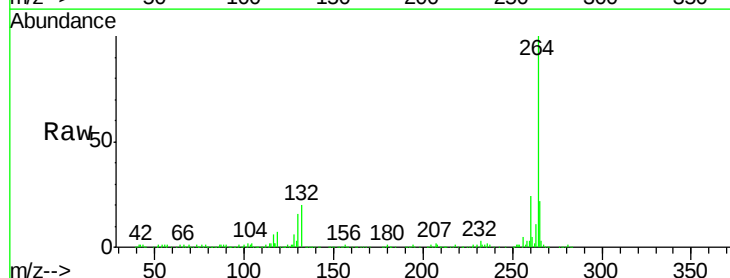
Tgt Ion:264 Resp: 258511

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

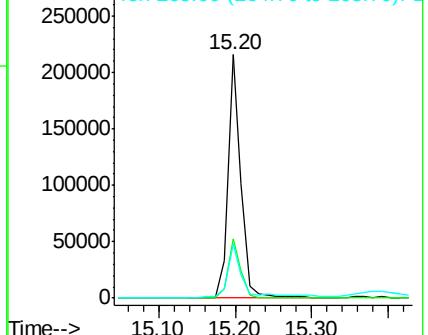
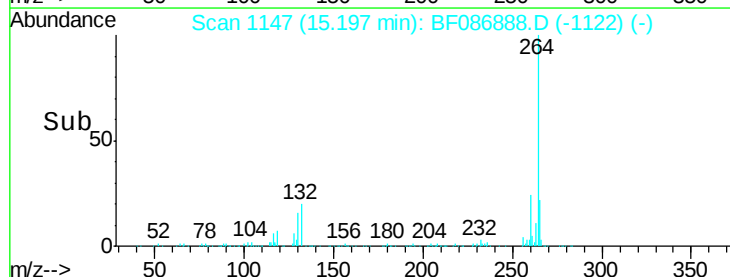
265 22.4 17.3 25.9

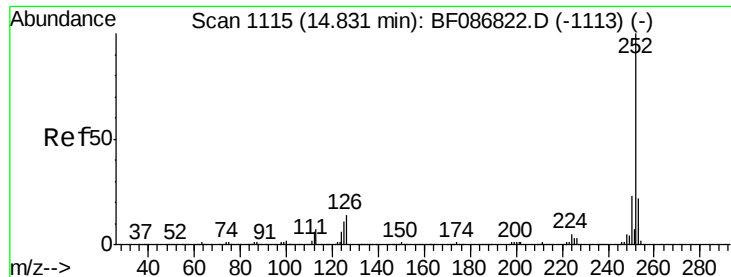


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 7.36 ng

RT: 14.82 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

Instrument :

BNA_F

ClientSampleId :

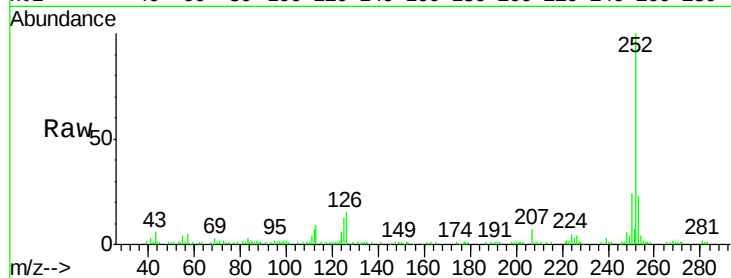
Tot Ion:252 Resp: 123709

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

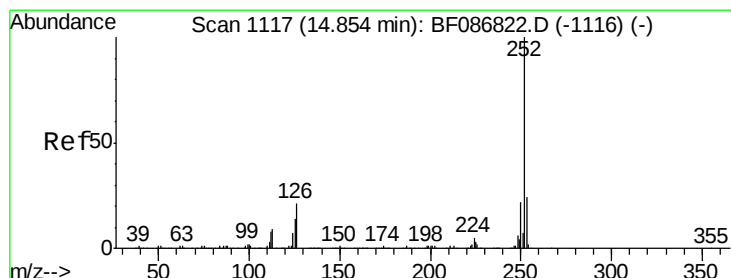
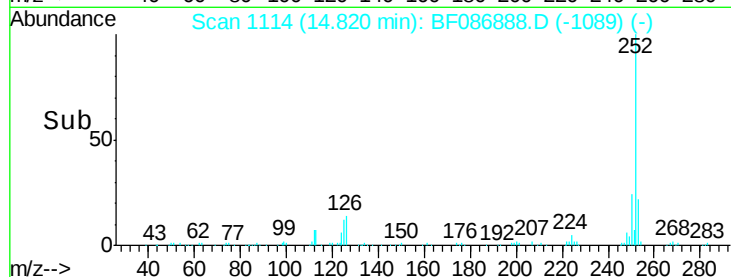
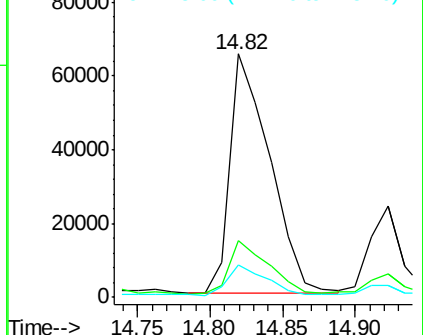
125 13.4 11.4 17.0



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: 8.99 ng

RT: 14.82 min Scan# 1114

Delta R.T. -0.03 min

Lab File: BF086888.D

Acq: 11 May 2016 8:33

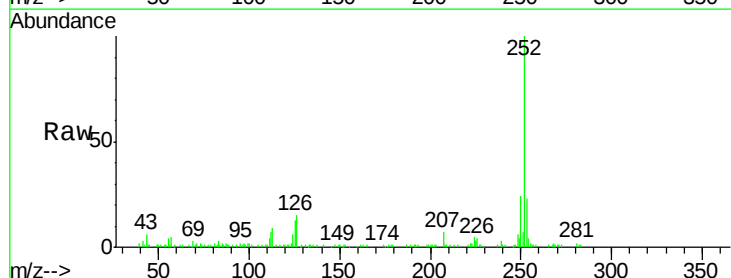
Tgt Ion:252 Resp: 123709

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

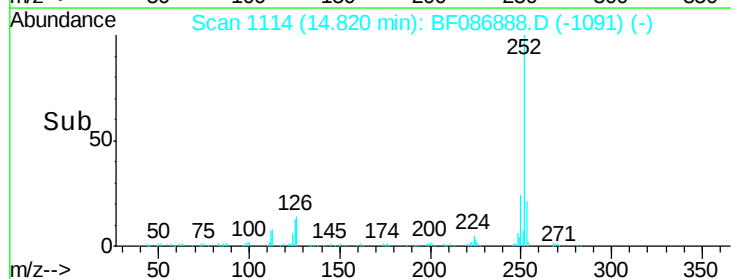
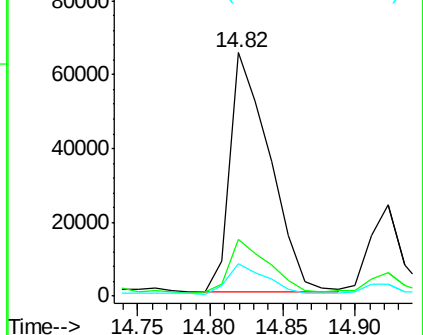
125 13.4 9.1 13.7

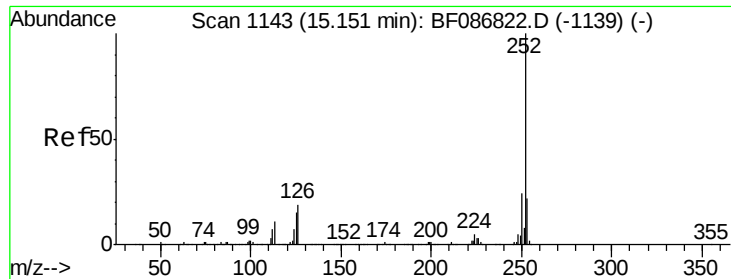


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

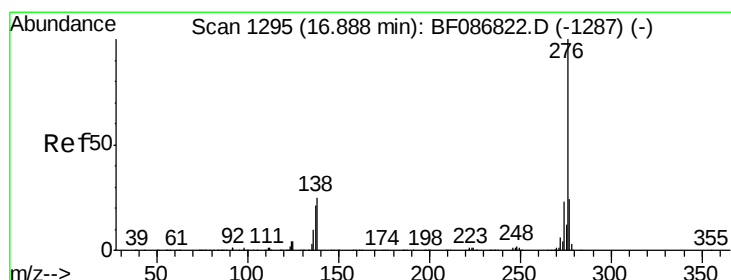
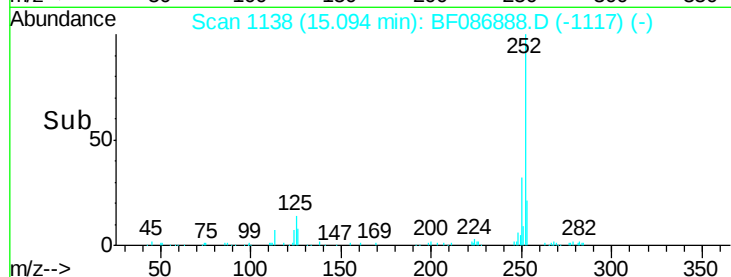
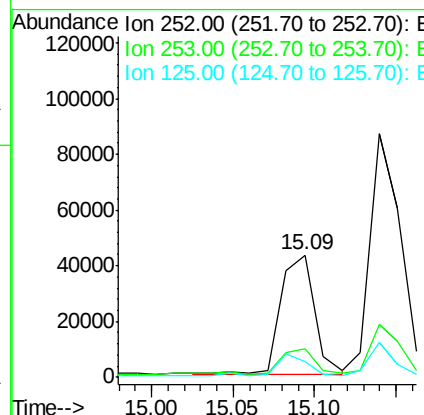
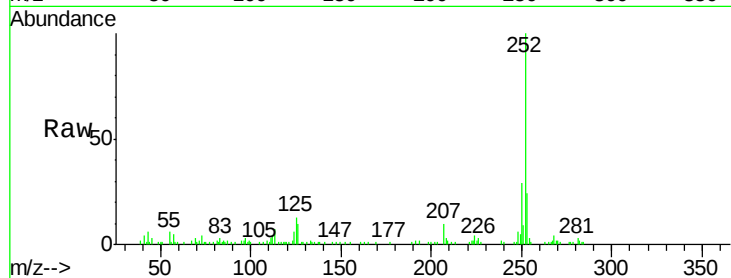




#89
Benzo(a)pyrene
Concen: 4.33 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.06 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 62761
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 12.9 9.0 13.6



#91
Benzo(g,h,i)perylene
Concen: 3.01 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF086888.D
Acq: 11 May 2016 8:33

Tgt Ion:276 Resp: 37305
Ion Ratio Lower Upper
276 100
277 23.7 19.6 29.4
138 27.1 23.6 35.4

