

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087752.D
 Acq On : 6 Jun 2016 15:13
 Operator : UM/SJ
 Sample : H3267-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1271(0-4)

Quant Time: Jun 06 17:24:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	134634	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	538090	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	216234	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	382201	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	263691	20.00	ng	-0.01
86) Perylene-d12	15.44	264	244694	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	755371	90.68	ng	0.00
7) Phenol-d6	6.49	99	1133367	108.49	ng	0.00
23) Nitrobenzene-d5	7.42	82	634729	68.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	183936	84.74	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	947614	61.81	ng	-0.02
78) Terphenyl-d14	12.96	244	598485	55.38	ng	-0.01

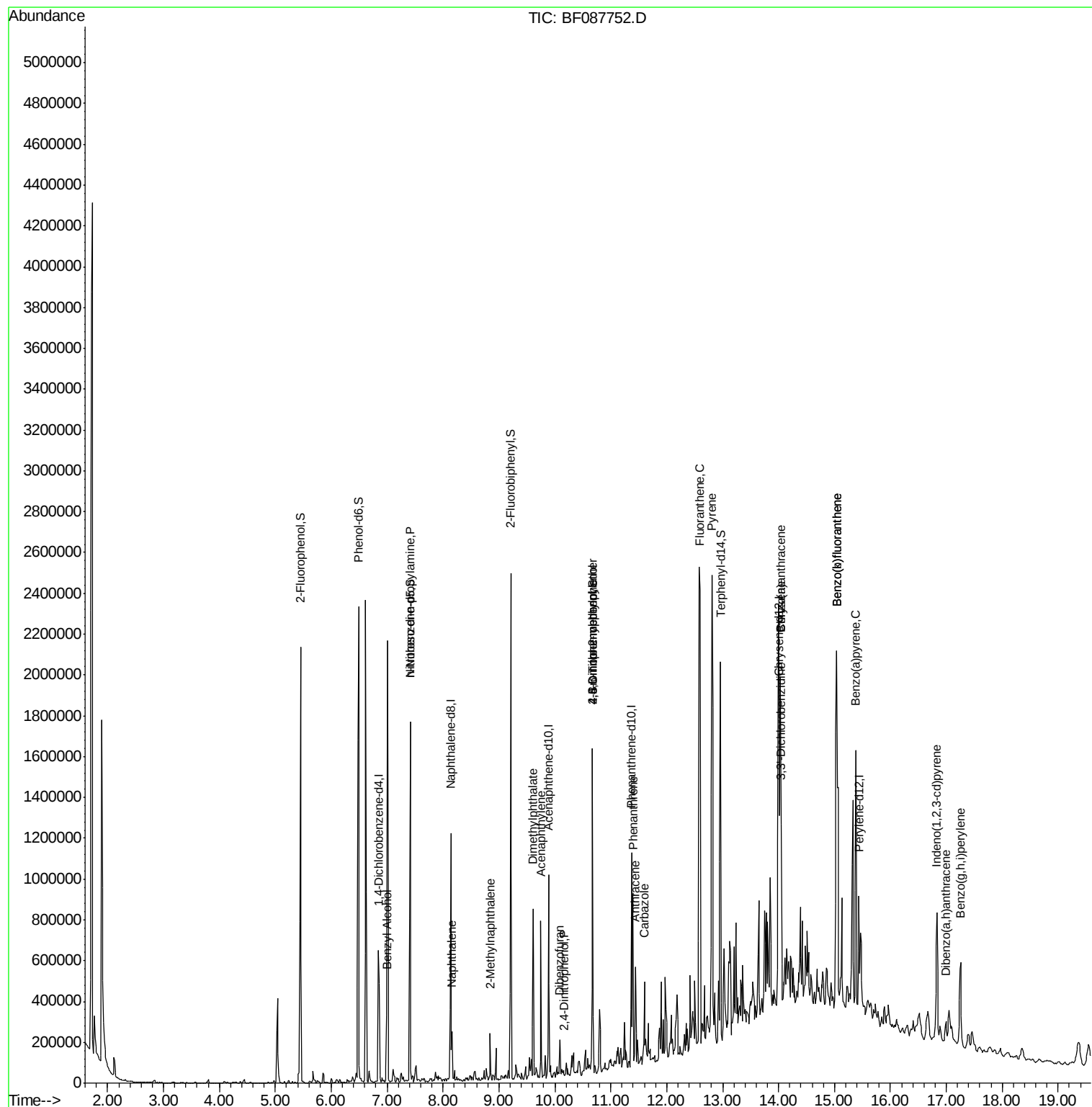
Target Compounds				Qvalue		
15) Benzyl Alcohol	6.99	79	29860	3.87	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	88927	13.63	ng	# 74
31) Naphthalene	8.16	128	115344	4.41	ng	98
37) 2-Methylnaphthalene	8.84	142	56429	3.27	ng	97
48) Acenaphthylene	9.75	152	301068	13.82	ng	100
49) Dimethylphthalate	9.61	163	333430	21.21	ng	99
53) 2,4-Dinitrophenol	10.17	184	566	4.21	ng	# 15
54) Dibenzofuran	10.09	168	40060	2.10	ng	# 91
60) 4-Chlorophenyl-phenylether	10.23	204	623	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.67	198	367	2.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	11207	2.96	ng	# 1
70) Phenanthrene	11.39	178	299734	14.46	ng	99
71) Anthracene	11.44	178	203321	9.79	ng	99
72) Carbazole	11.60	167	147845	7.52	ng	98
74) Fluoranthene	12.59	202	1531172	75.09	ng	94
77) Pyrene	12.81	202	1378304	73.40	ng	98
80) Benzo(a)anthracene	14.03	228	653819	42.96	ng	95
81) 3,3'-Dichlorobenzidine	14.05	252	13599	3.17	ng	# 3
82) Chrysene	14.03	228	653792	43.16	ng	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	417235	33.32	ng	# 100
87) Benzo(b)fluoranthene	15.04	252	1549458	97.34	ng	# 95
88) Benzo(k)fluoranthene	15.04	252	1549458	117.00	ng	99
89) Benzo(a)pyrene	15.38	252	574349	42.92	ng	97
90) Dibenzo(a,h)anthracene	16.99	278	66688	5.86	ng	96
91) Benzo(g,h,i)perylene	17.26	276	354594	30.86	ng	95

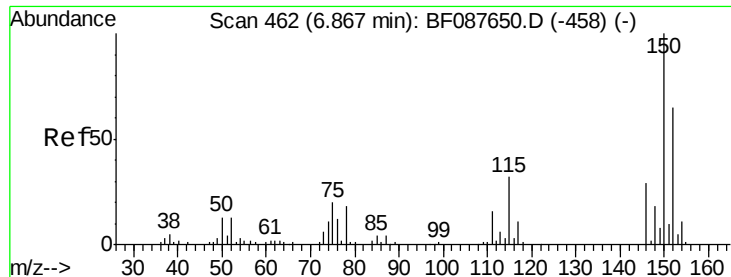
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

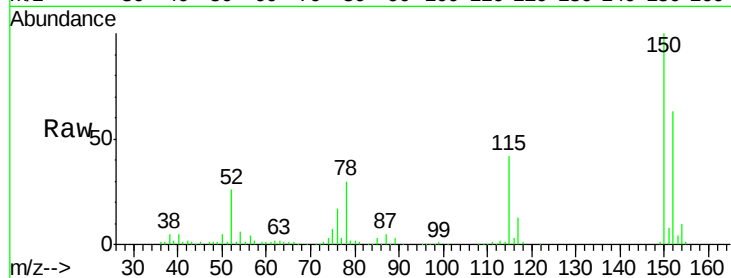
Tgt Ion:152 Resp: 134634

Ion Ratio Lower Upper

152 100

150 159.5 123.8 185.6

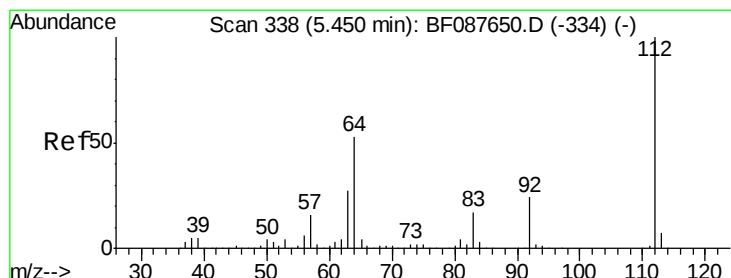
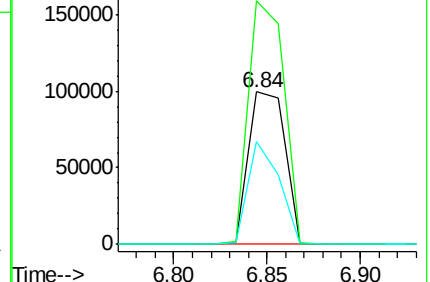
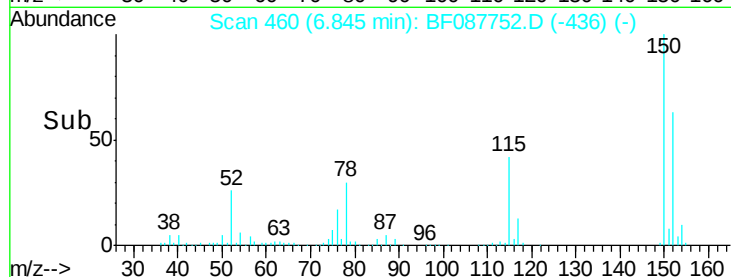
115 67.4 39.6 59.4#



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: 90.68 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

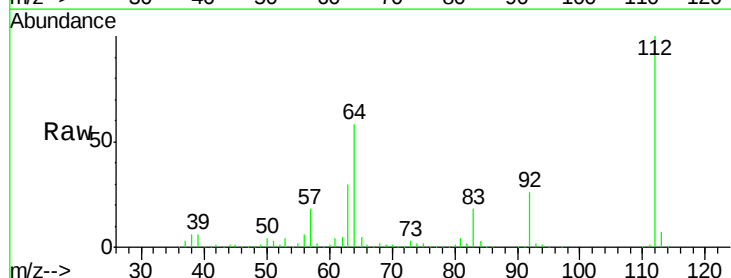
Tgt Ion:112 Resp: 755371

Ion Ratio Lower Upper

112 100

64 57.8 42.2 63.2

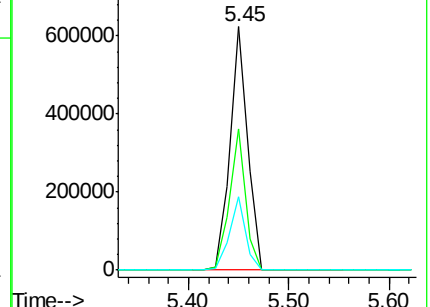
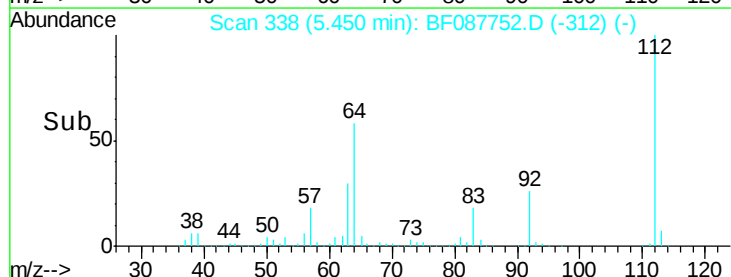
63 30.1 21.8 32.8

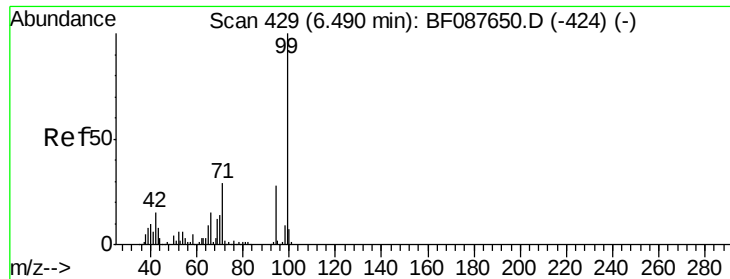


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.49 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

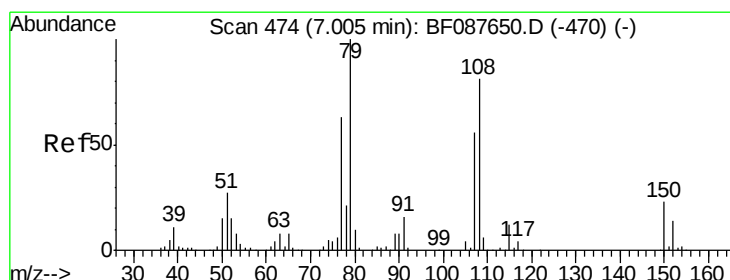
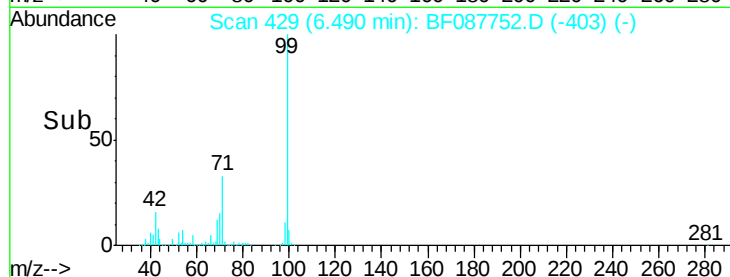
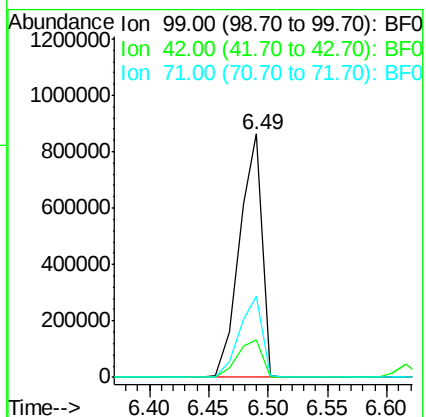
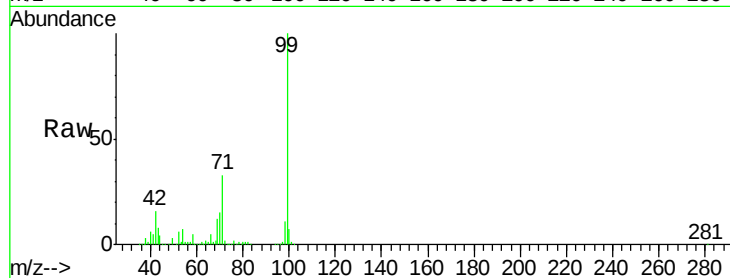
Tgt Ion: 99 Resp: 1133367

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

71 33.1 23.4 35.0



#15

Benzyl Alcohol

Concen: 3.87 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

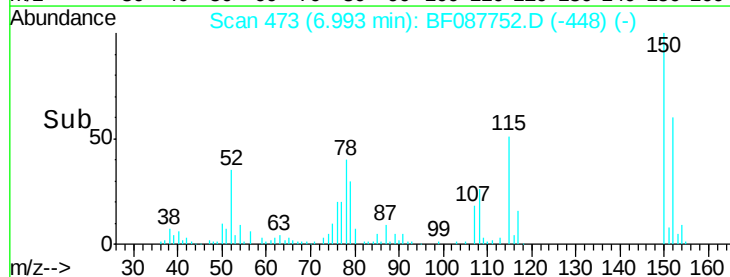
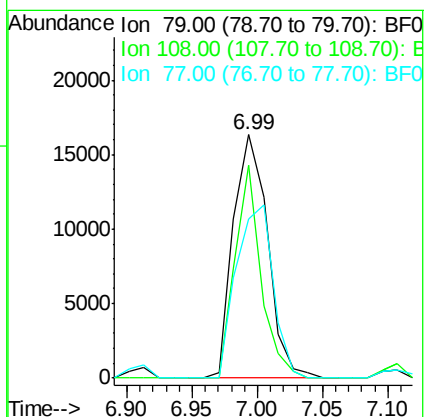
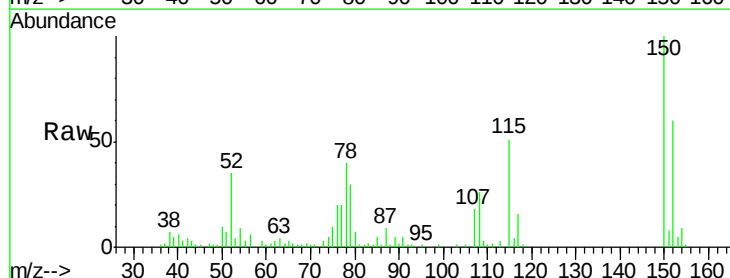
Tgt Ion: 79 Resp: 29860

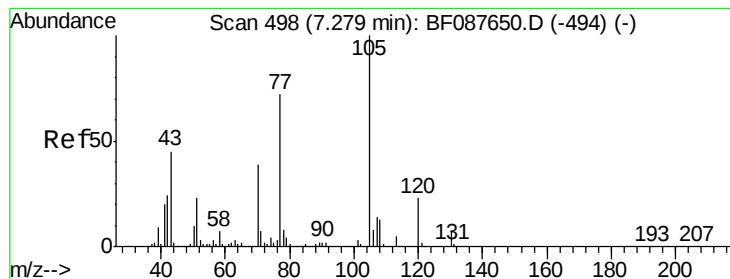
Ion Ratio Lower Upper

79 100

108 87.5 65.0 97.6

77 65.5 50.3 75.5





#19

n-Nitroso-di-n-propylamine

Concen: 13.63 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.14 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

Tgt Ion: 70 Resp: 88927

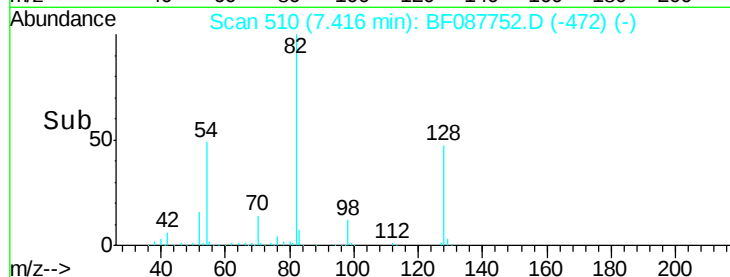
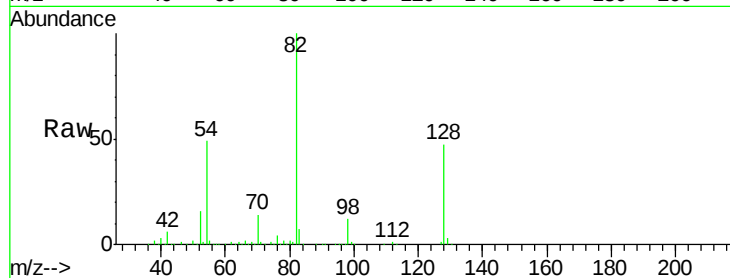
Ion Ratio Lower Upper

70 100

42 44.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#

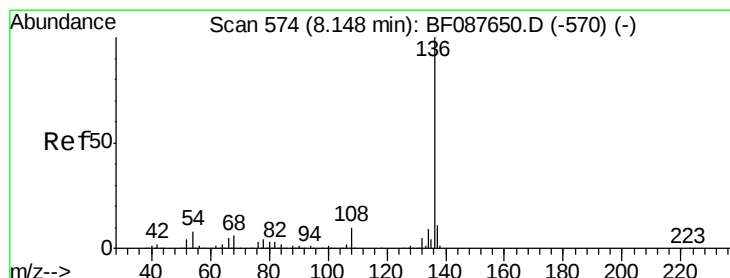
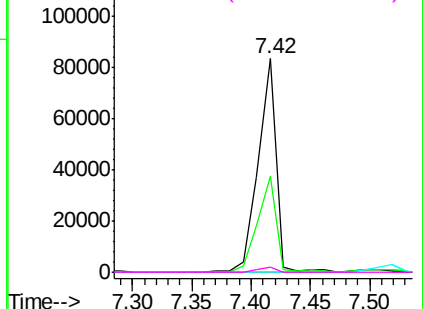


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

Tgt Ion: 136 Resp: 538090

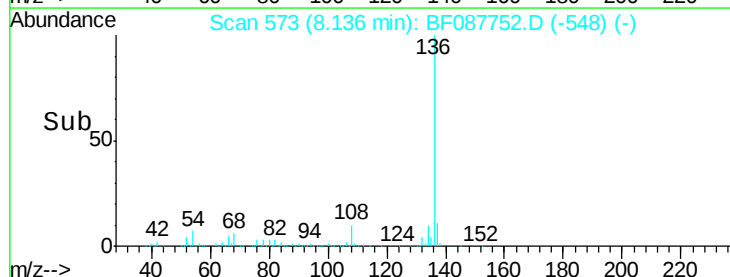
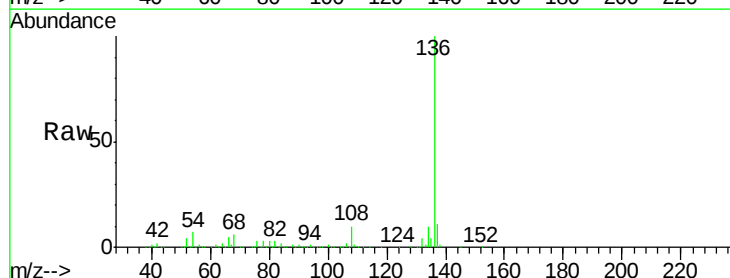
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.0 6.6 10.0

68 5.6 5.1 7.7

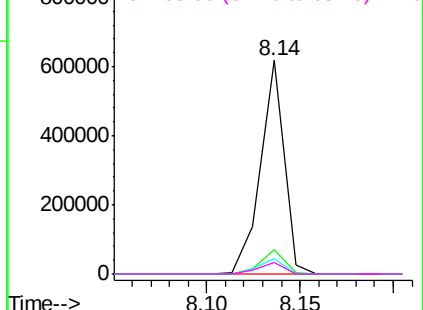


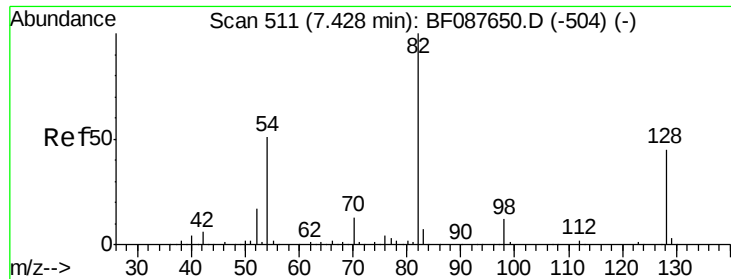
Abundance Ion 136.00 (135.70 to 136.70): E

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

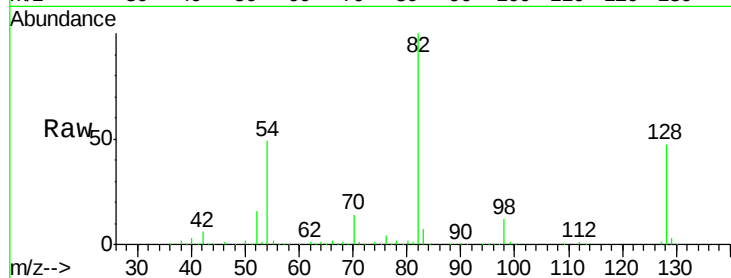




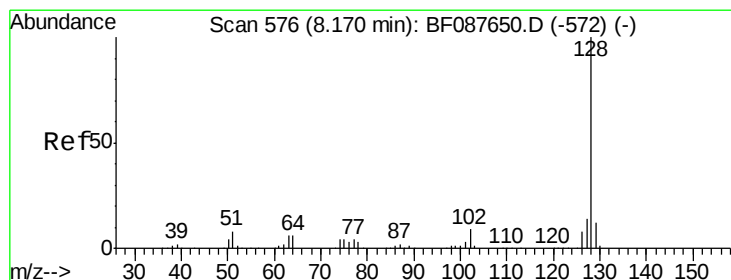
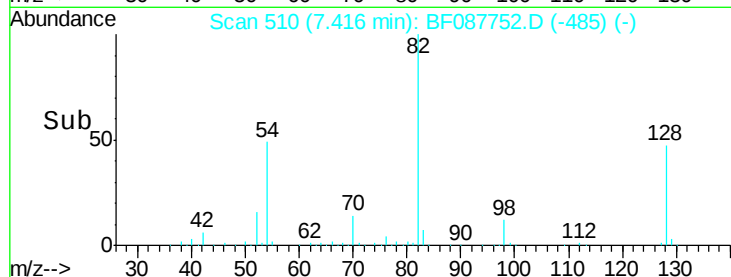
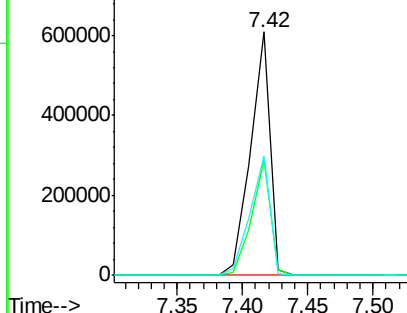
#23
Nitrobenzene-d5
Concen: 68.25 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

Tgt Ion: 82 Resp: 634729
Ion Ratio Lower Upper
82 100
128 47.3 35.9 53.9
54 49.0 40.9 61.3

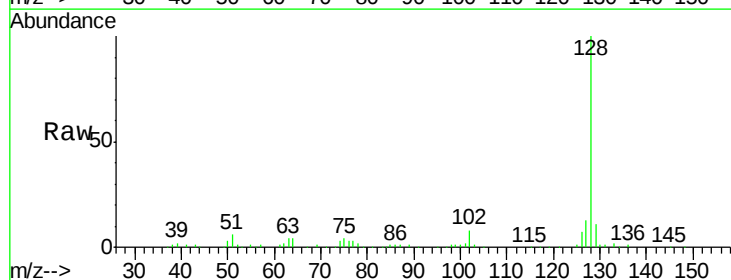


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

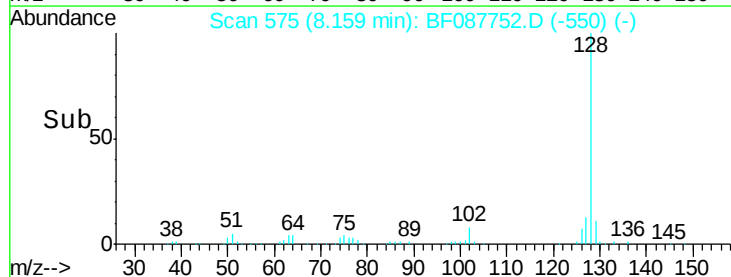
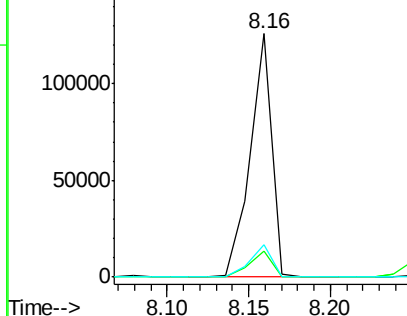


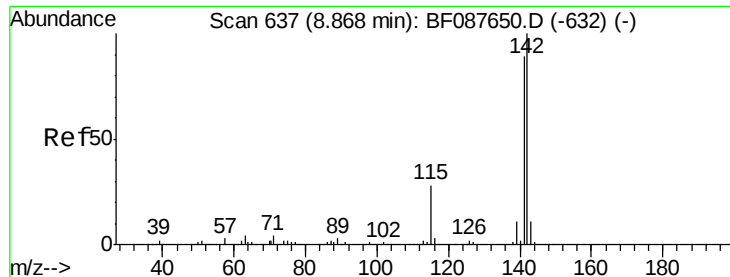
#31
Naphthalene
Concen: 4.41 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

Tgt Ion: 128 Resp: 115344
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.3 10.9 16.3



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

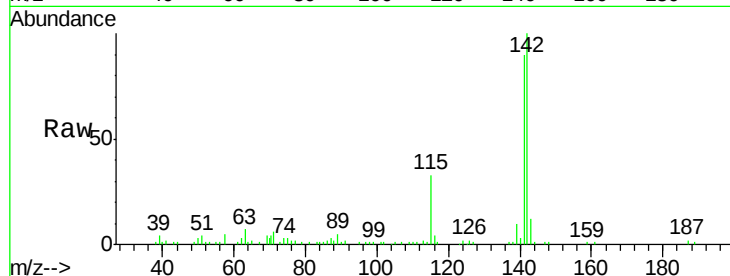




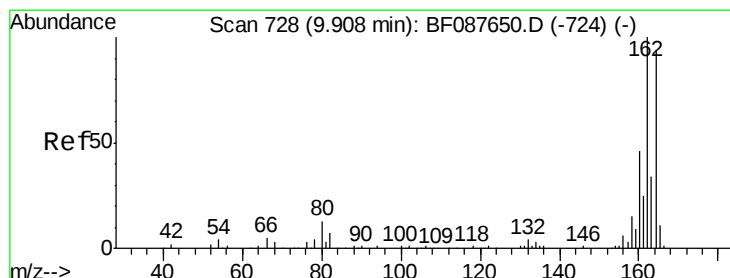
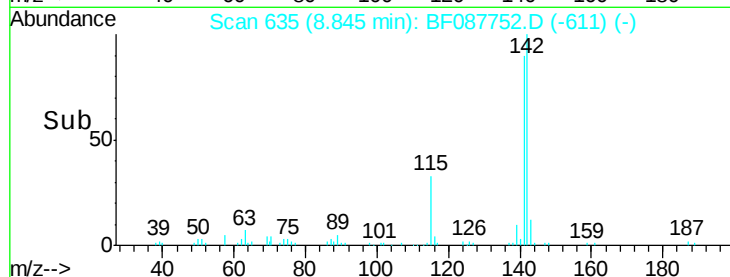
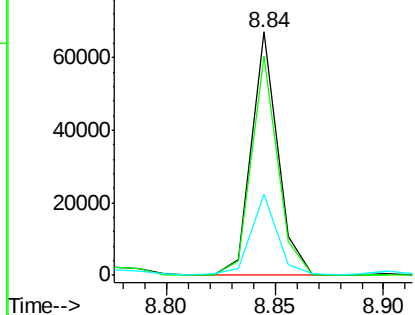
#37
2-Methylnaphthalene
Concen: 3.27 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

Tgt Ion:142 Resp: 56429
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 33.1 22.6 33.8

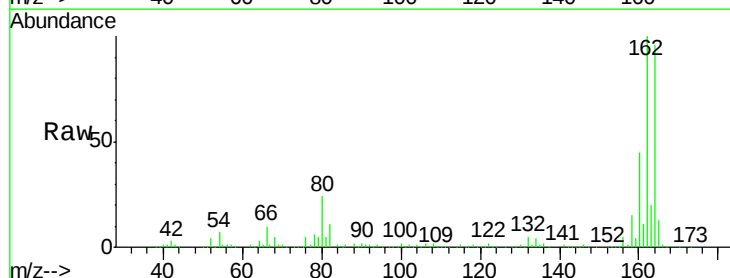


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

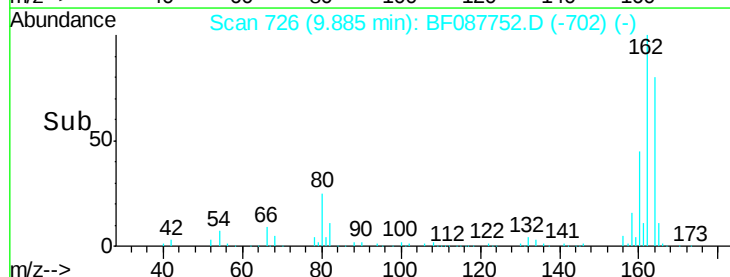
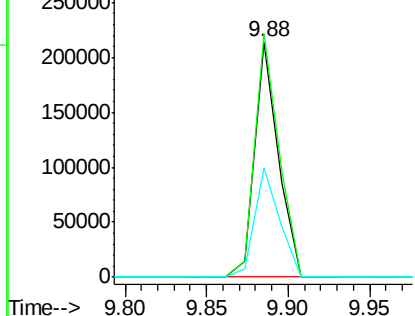


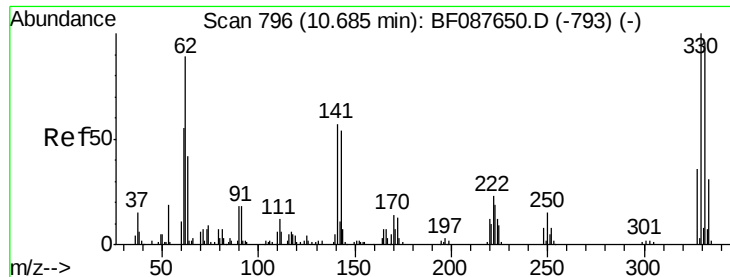
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

Tgt Ion:164 Resp: 216234
Ion Ratio Lower Upper
164 100
162 103.7 85.4 128.2
160 46.3 39.5 59.3



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

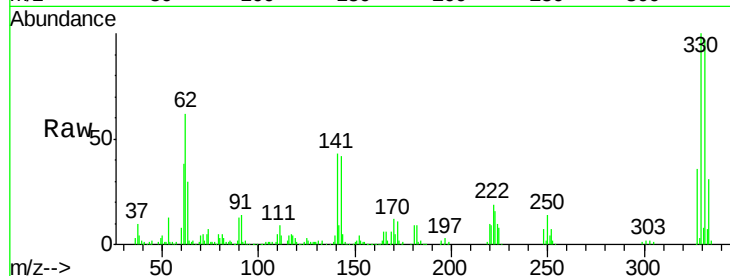




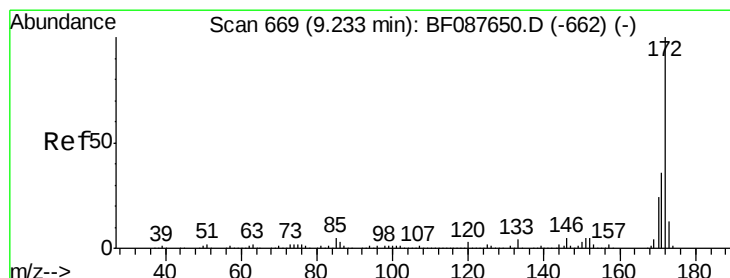
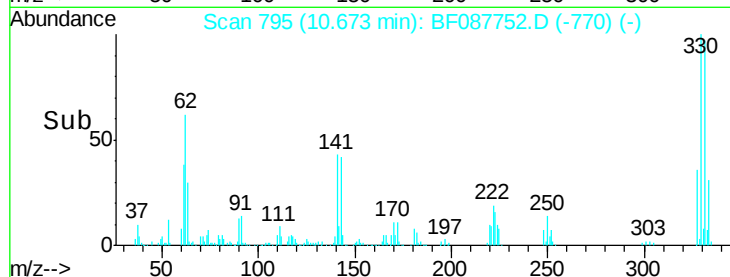
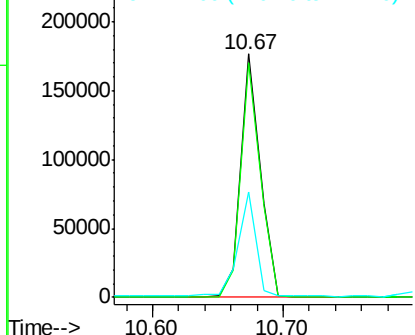
#41
 2,4,6-Tribromophenol
 Concen: 84.74 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087752.D
 Acq: 6 Jun 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1271(0-4)

Tgt Ion:330 Resp: 183936
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 40.1 0.0 0.0#

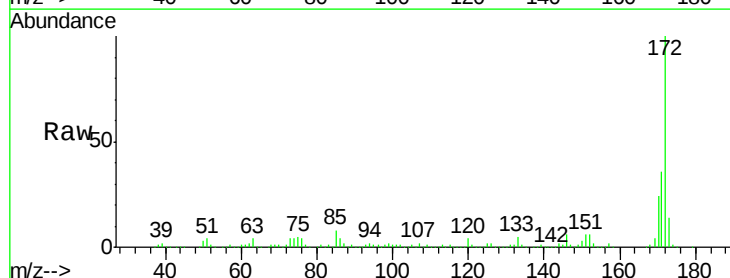


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

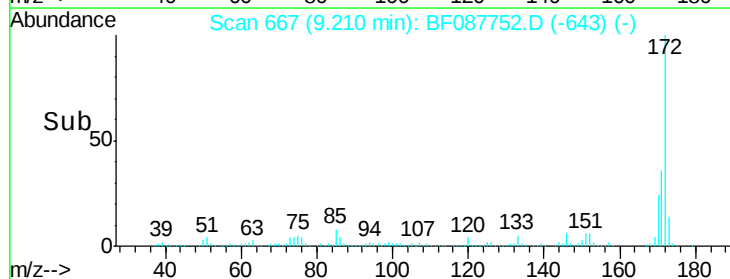
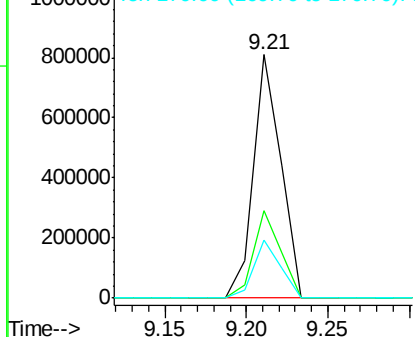


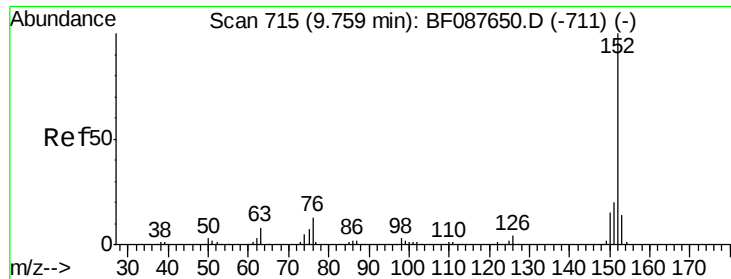
#44
 2-Fluorobiphenyl
 Concen: 61.81 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087752.D
 Acq: 6 Jun 2016 15:13

Tgt Ion:172 Resp: 947614
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 19.2 28.8



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





#48

Acenaphthylene

Concen: 13.82 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

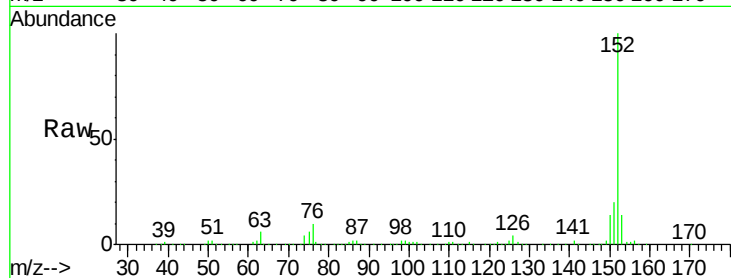
Tgt Ion:152 Resp: 301068

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

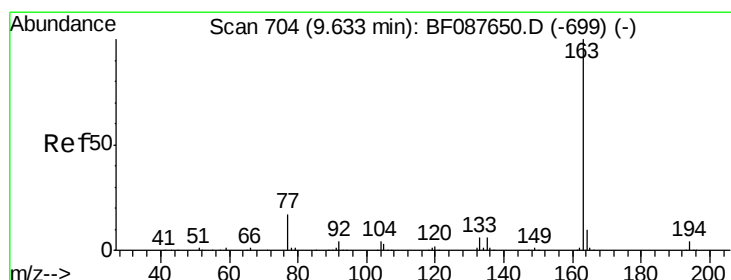
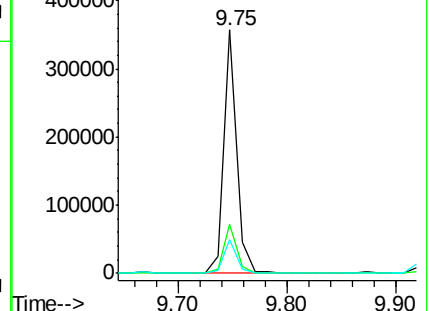
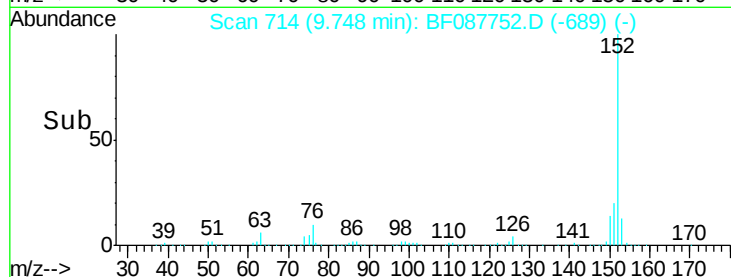
153 13.7 11.0 16.6



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: 21.21 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

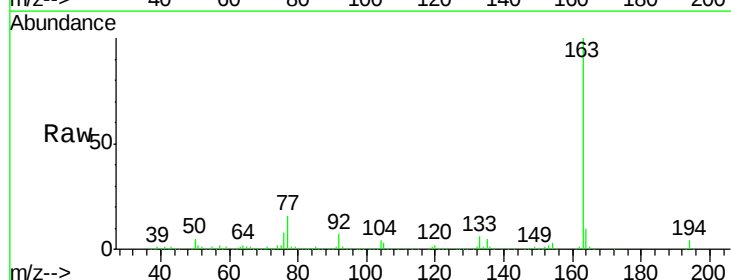
Tgt Ion:163 Resp: 333430

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

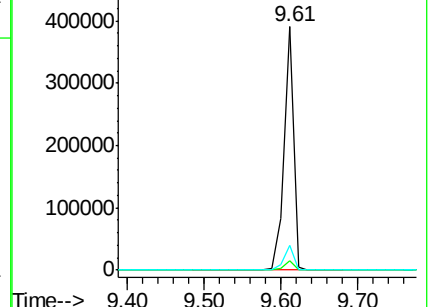
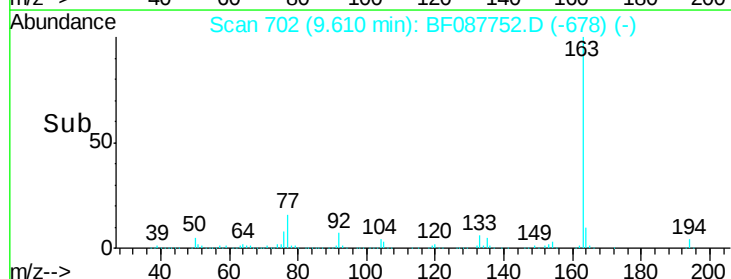
164 10.0 8.3 12.5

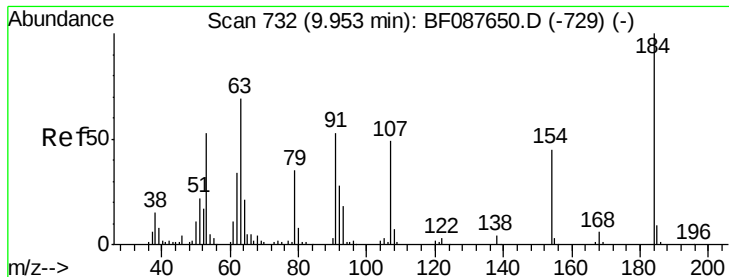


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

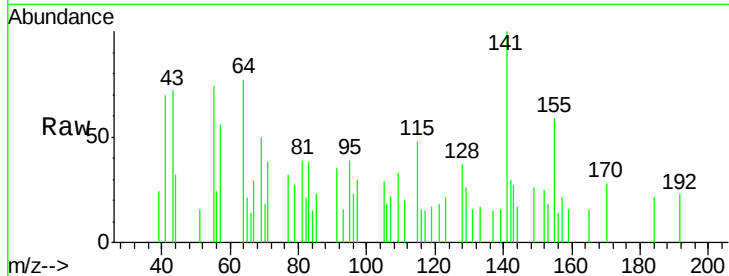




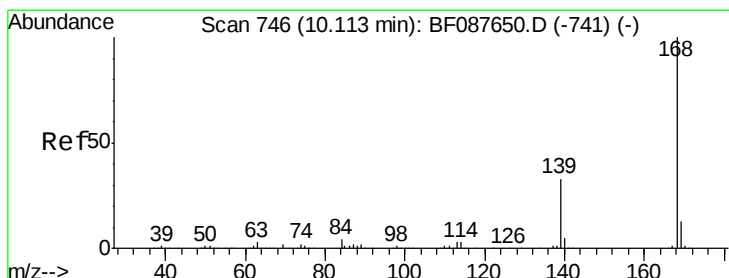
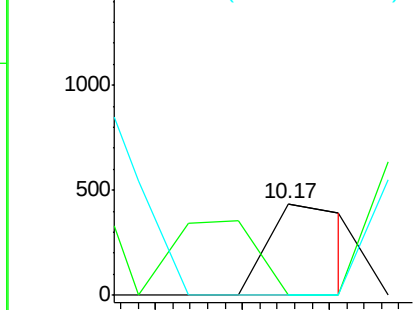
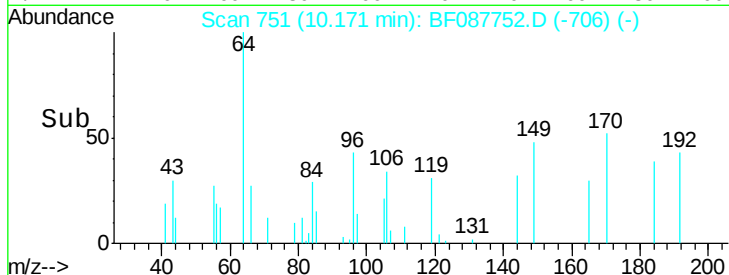
#53
2,4-Dinitrophenol
Concen: 4.21 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.22 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

Tgt Ion:184 Resp: 566
Ion Ratio Lower Upper
184 100
63 0.0 57.6 86.4#
154 0.0 53.5 80.3#

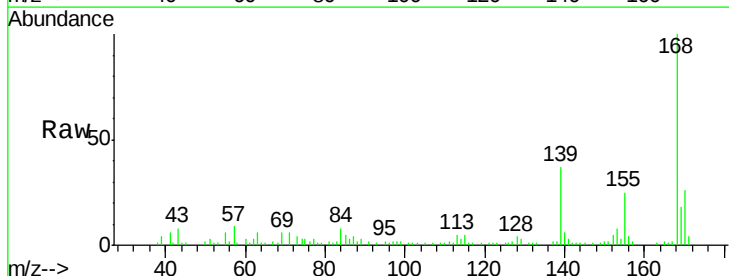


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

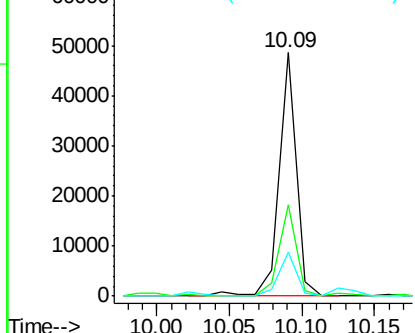
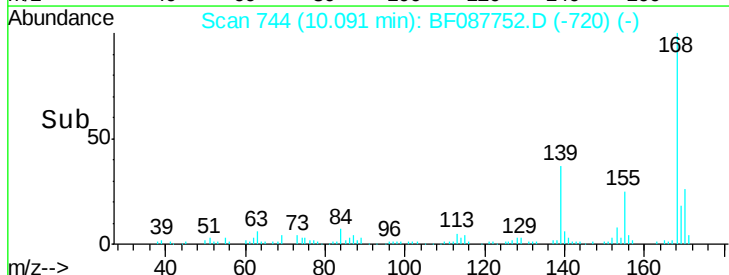


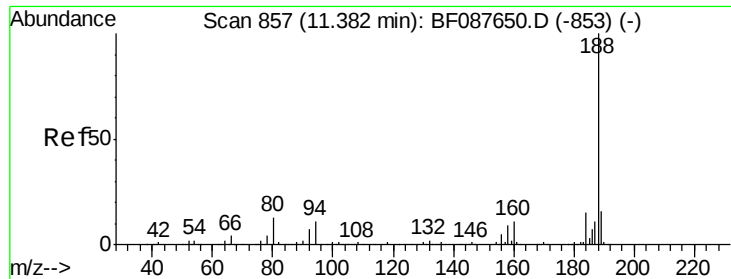
#54
Dibenzofuran
Concen: 2.10 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

Tgt Ion:168 Resp: 40060
Ion Ratio Lower Upper
168 100
139 37.3 26.4 39.6
169 18.0 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

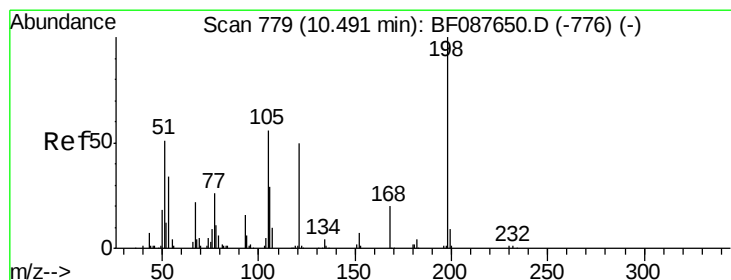
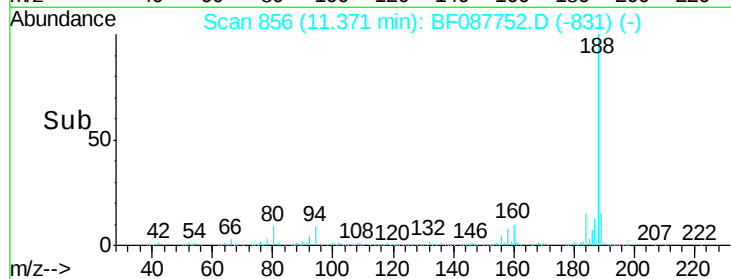
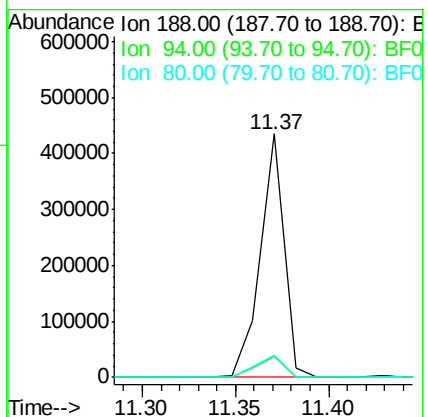
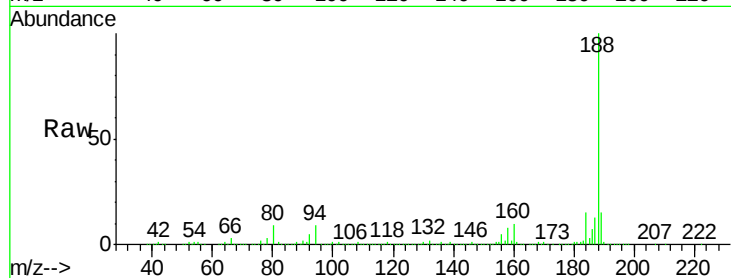




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

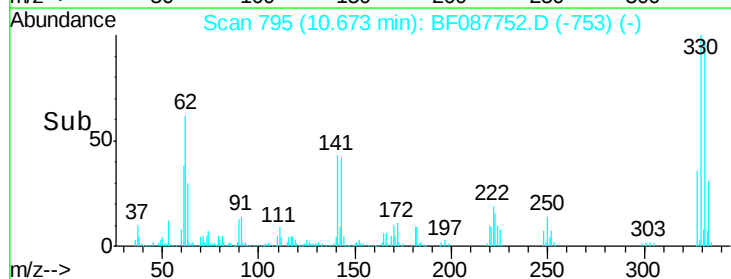
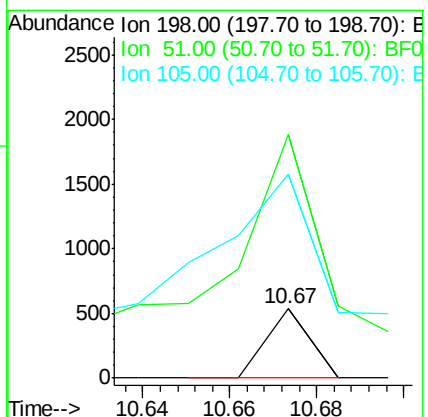
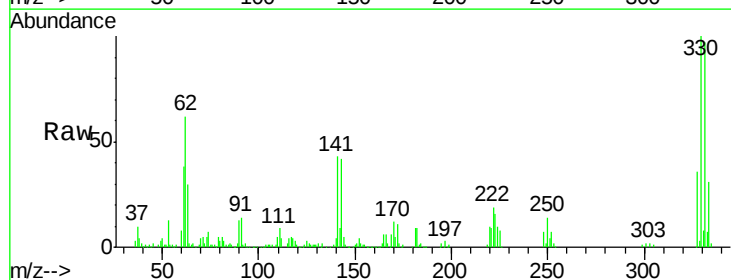
Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

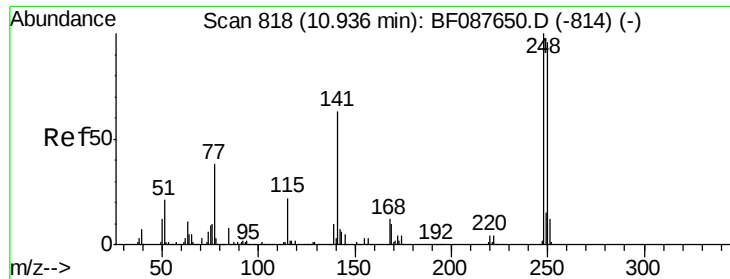
Tgt Ion:188 Resp: 382201
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.6#
80 8.9 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.18 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.18 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

Tgt Ion:198 Resp: 367
Ion Ratio Lower Upper
198 100
51 351.8 39.6 79.6#
105 295.3 36.6 76.6#

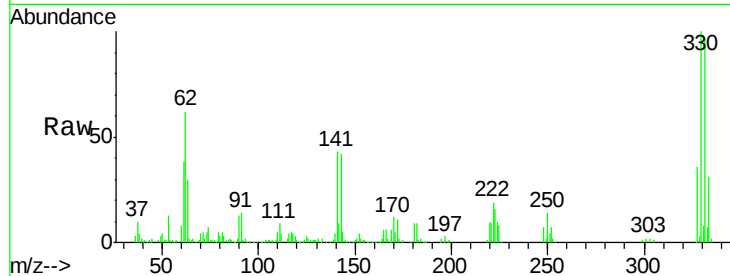




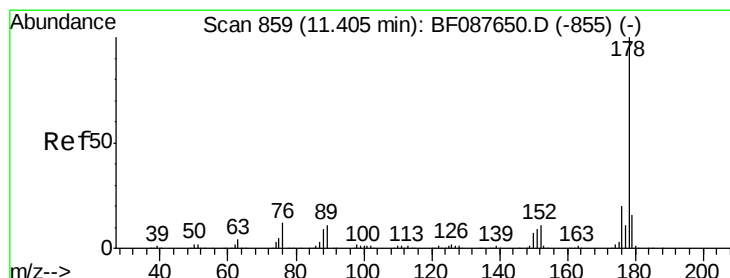
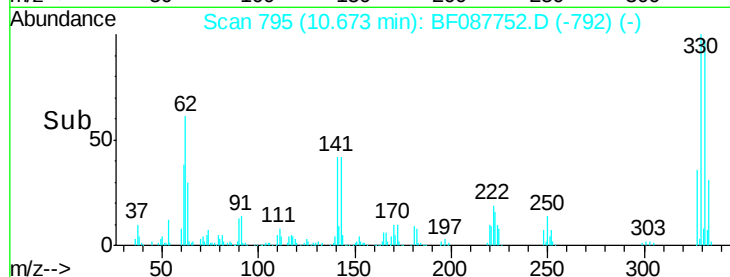
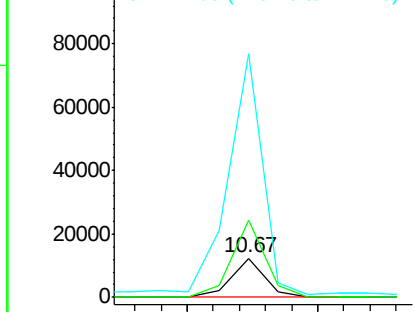
#66
 4-Bromophenyl-phenylether
 Concen: 2.96 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.26 min
 Lab File: BF087752.D
 Acq: 6 Jun 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1271(0-4)

Tgt Ion:248 Resp: 11207
 Ion Ratio Lower Upper
 248 100
 250 197.2 77.1 115.7#
 141 618.1 50.6 76.0#

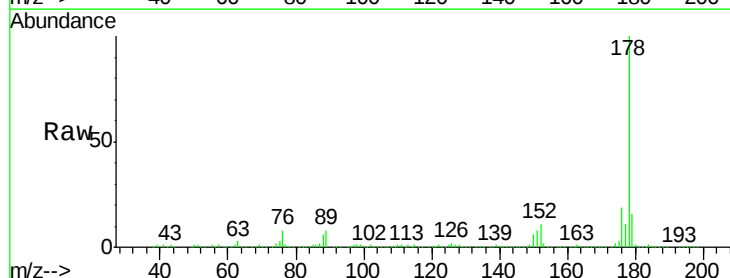


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

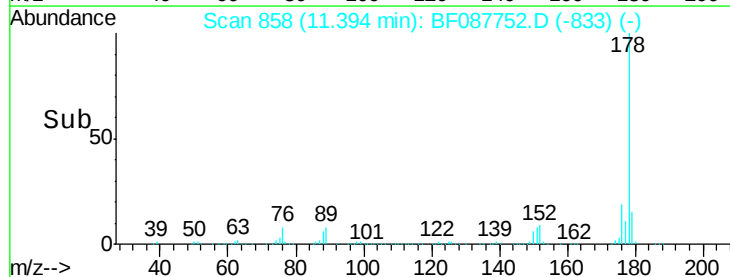
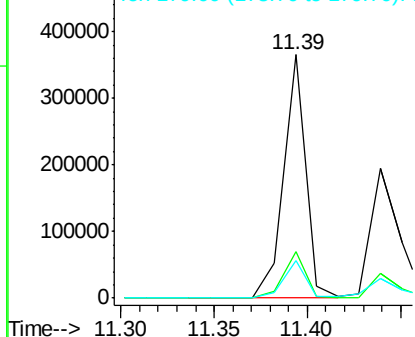


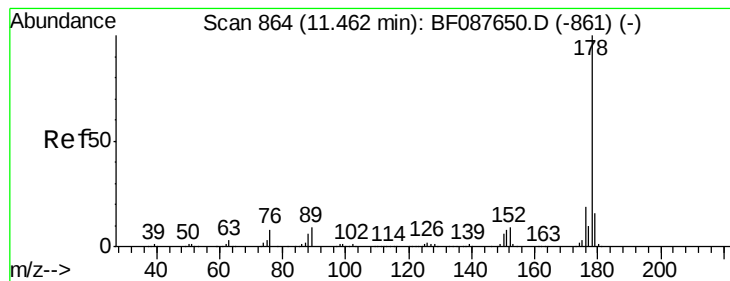
#70
 Phenanthrene
 Concen: 14.46 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF087752.D
 Acq: 6 Jun 2016 15:13

Tgt Ion:178 Resp: 299734
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.7 13.0 19.4



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: 9.79 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

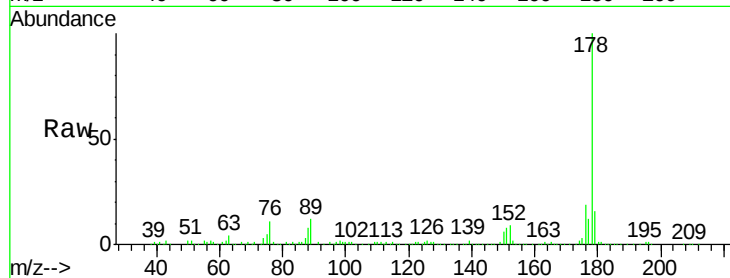
Tgt Ion:178 Resp: 203321

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

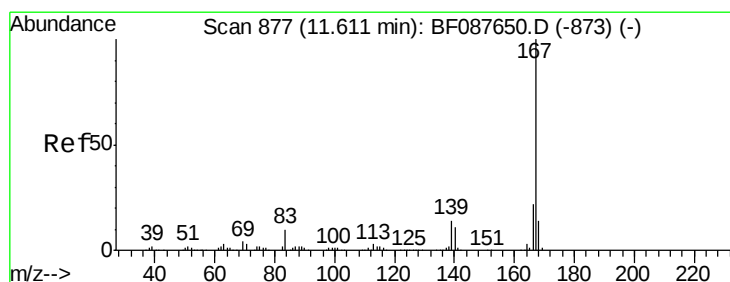
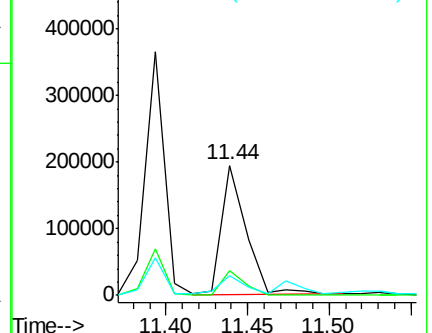
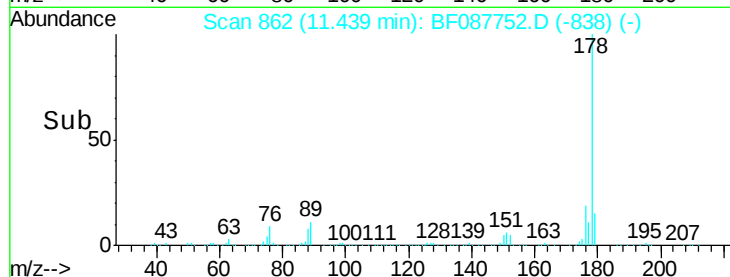
179 15.5 12.8 19.2



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: 7.52 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

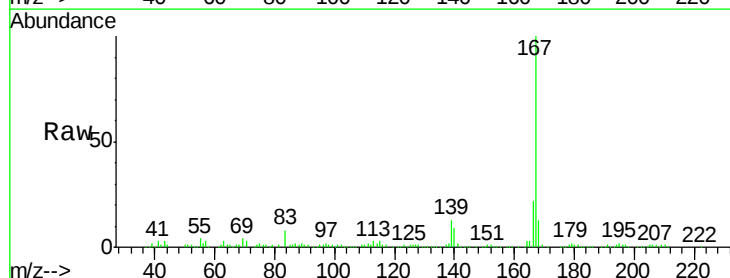
Tgt Ion:167 Resp: 147845

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

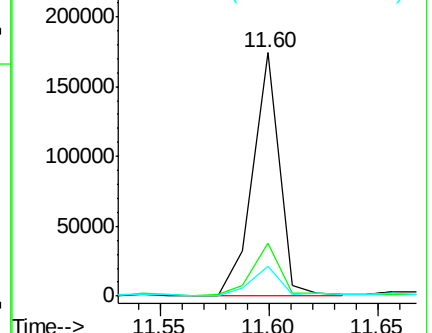
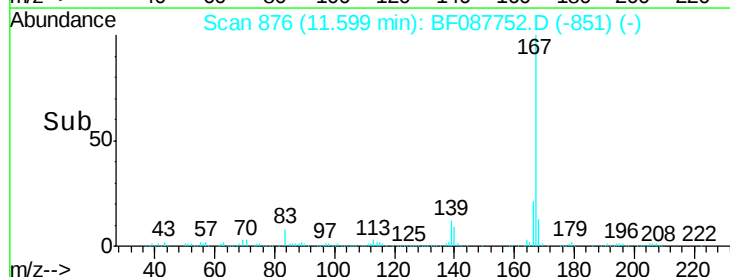
139 12.5 11.2 16.8

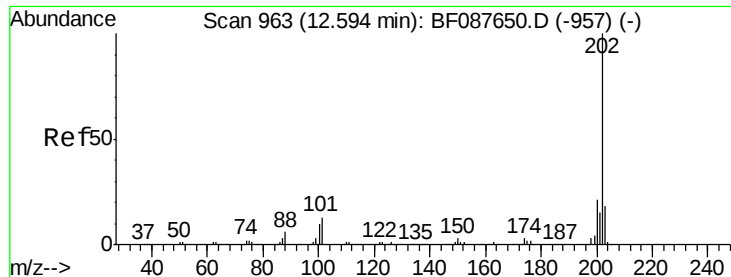


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 75.09 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

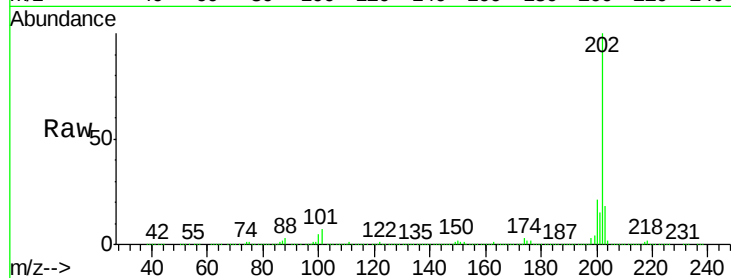
Tgt Ion:202 Resp: 1531172

Ion Ratio Lower Upper

202 100

101 7.3 0.0 33.1

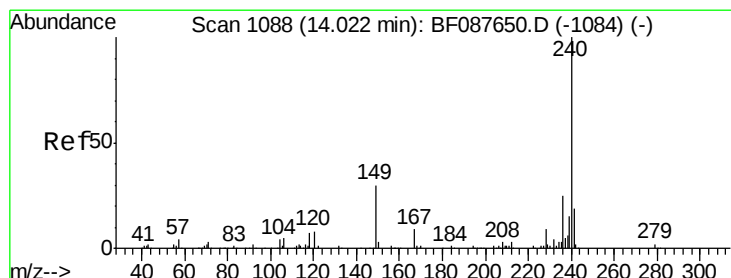
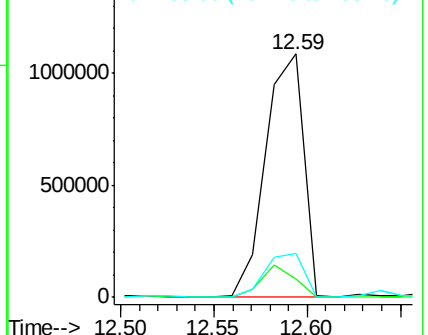
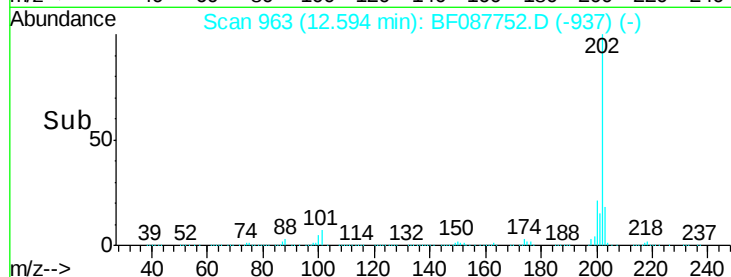
203 18.0 0.0 38.1



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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

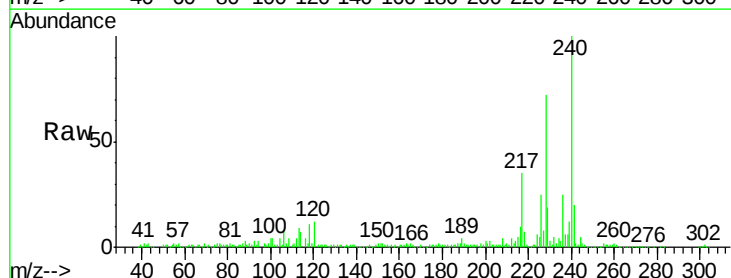
Tgt Ion:240 Resp: 263691

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

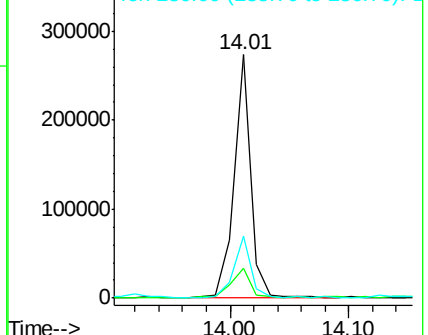
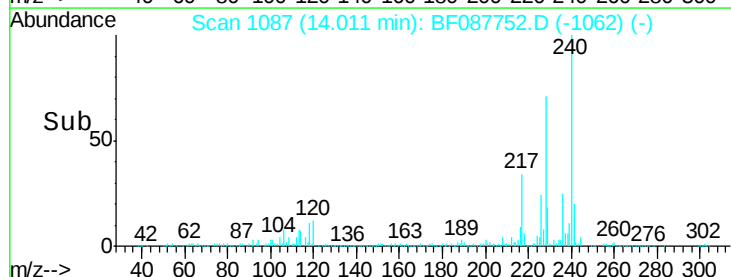
236 25.4 20.2 30.2

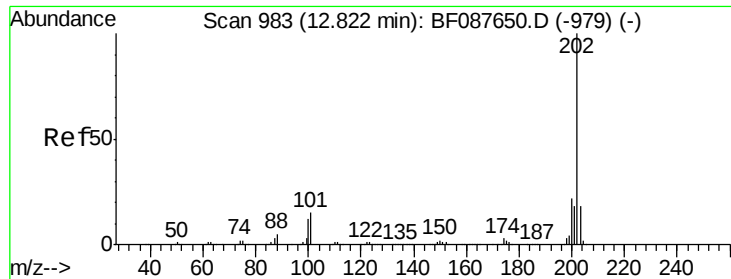


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

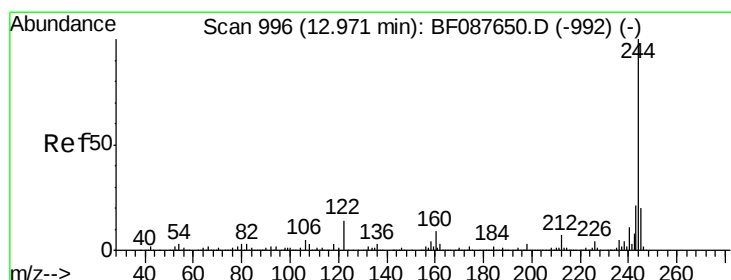
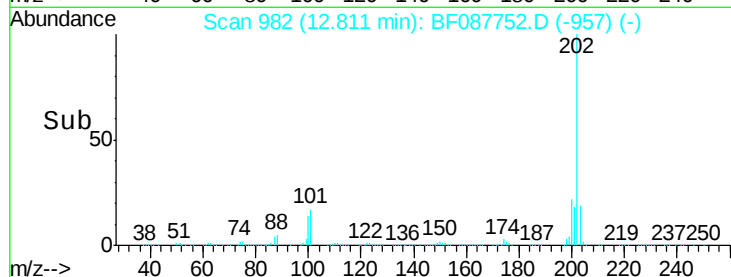
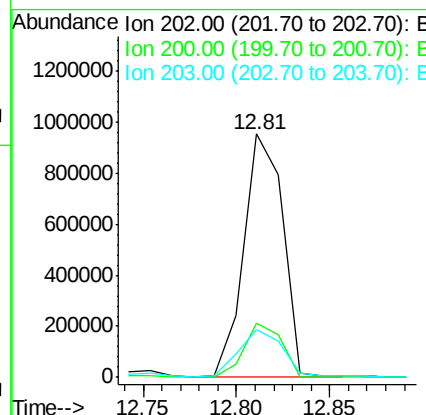
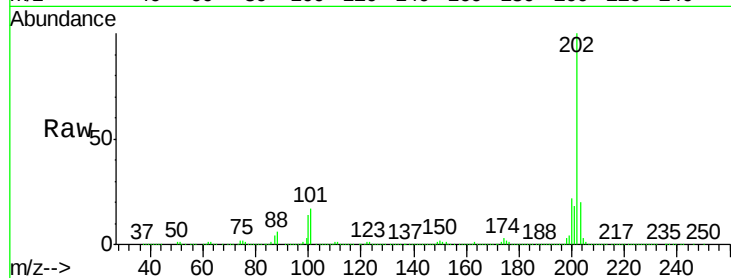




#77
 Pyrene
 Concen: 73.40 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF087752.D
 Acq: 6 Jun 2016 15:13

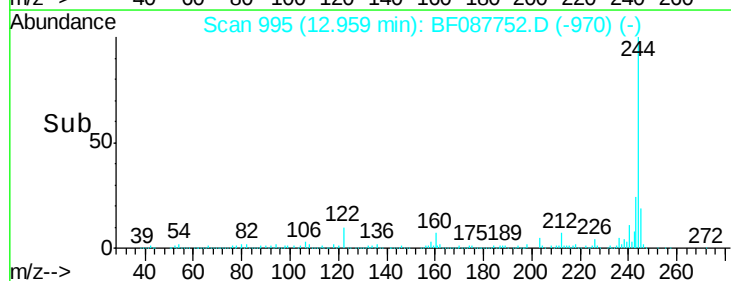
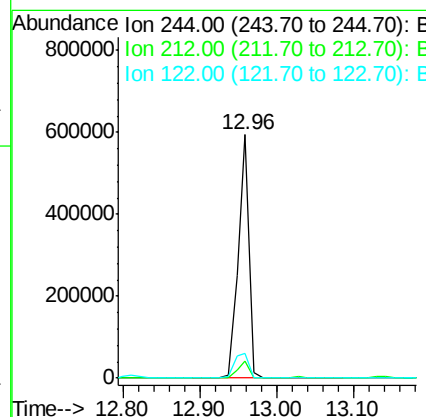
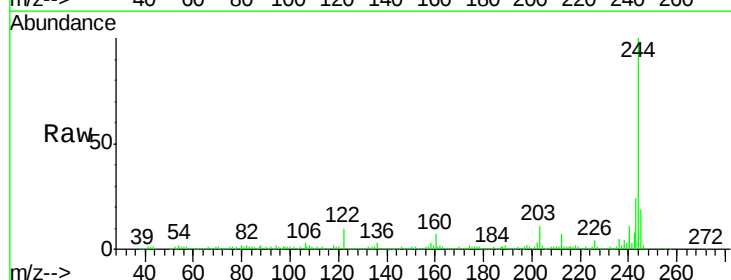
Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1271(0-4)

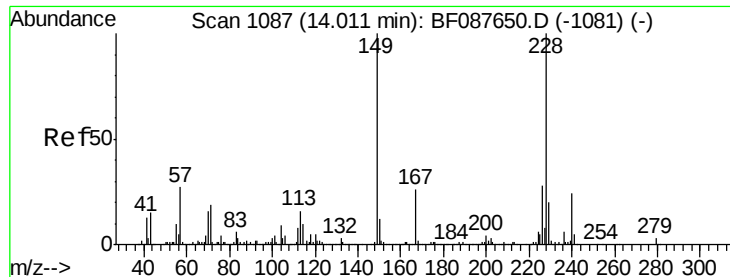
Tgt Ion:202 Resp: 1378304
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.4 26.2
 203 19.8 14.5 21.7



#78
 Terphenyl-d14
 Concen: 55.38 ng
 RT: 12.96 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF087752.D
 Acq: 6 Jun 2016 15:13

Tgt Ion:244 Resp: 598485
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.2 11.2 16.8#

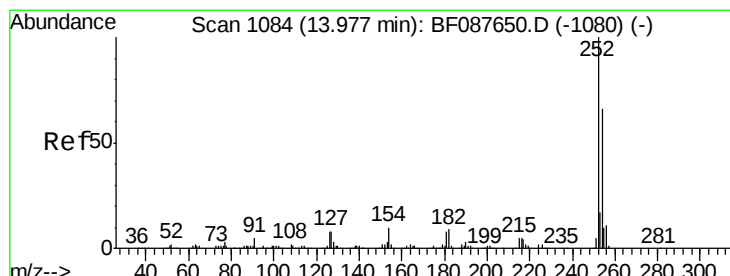
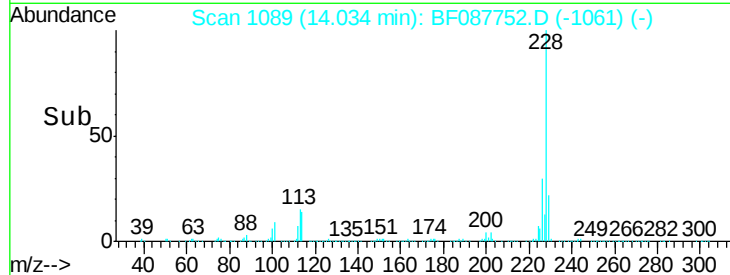
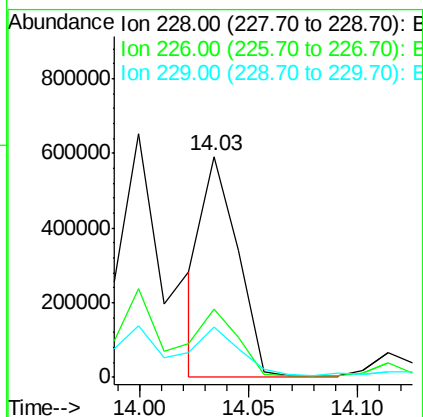
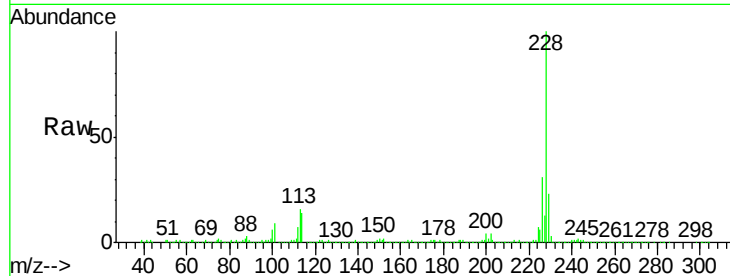




#80
 Benzo(a)anthracene
 Concen: 42.96 ng
 RT: 14.03 min Scan# 1089
 Delta R.T. 0.02 min
 Lab File: BF087752.D
 Acq: 6 Jun 2016 15:13

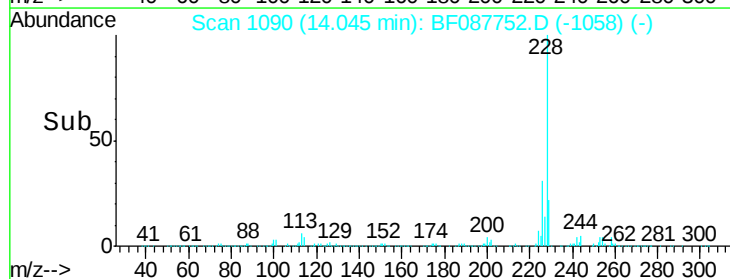
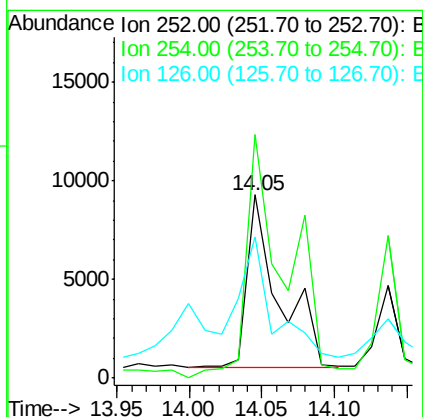
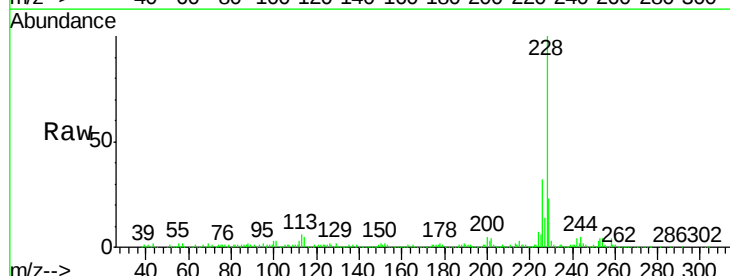
Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1271(0-4)

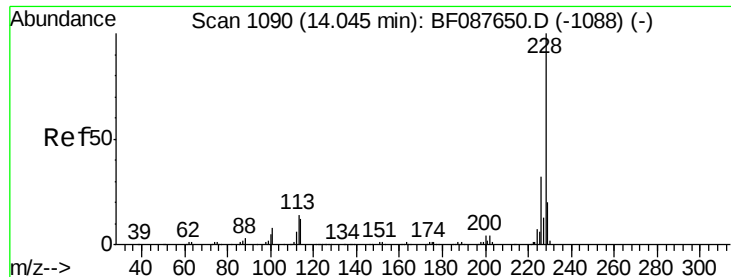
Tgt Ion:	228	Resp:	653819
Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.3	33.5
229	22.7	16.0	24.0



#81
 3,3'-Dichlorobenzidine
 Concen: 3.17 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. 0.07 min
 Lab File: BF087752.D
 Acq: 6 Jun 2016 15:13

Tgt Ion:	252	Resp:	13599
Ion	Ratio	Lower	Upper
252	100		
254	133.0	52.6	78.8#
126	77.3	6.2	9.2#





#82

Chrysene

Concen: 43.16 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

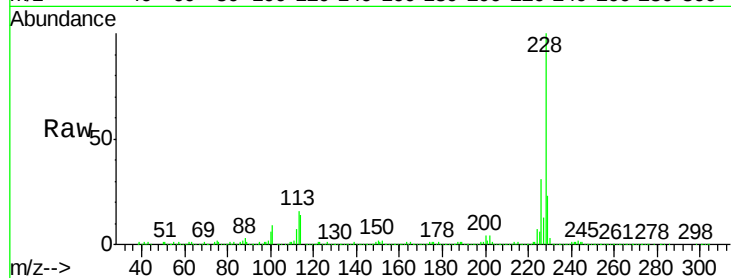
Tgt Ion:228 Resp: 653792

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.2

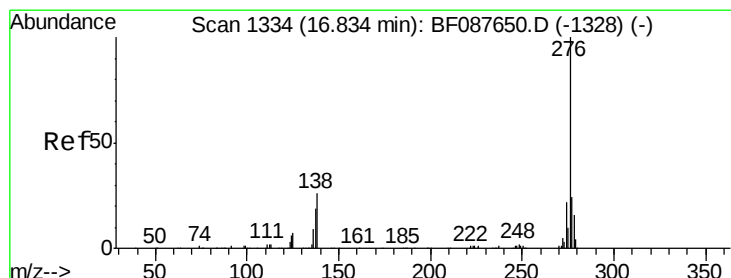
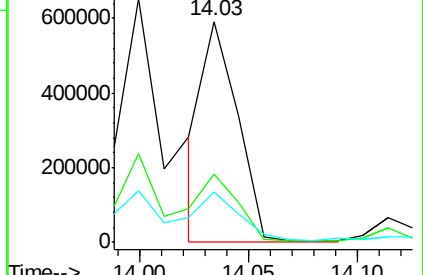
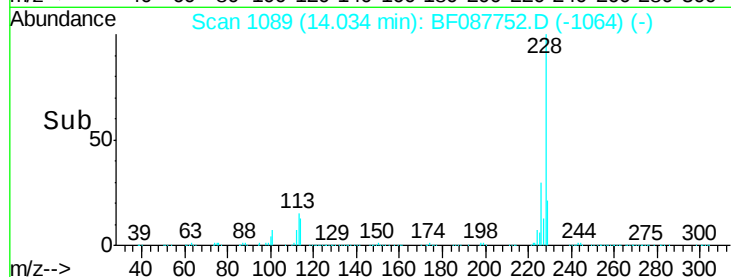
229 22.7 16.3 24.5



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: 33.32 ng

RT: 16.83 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

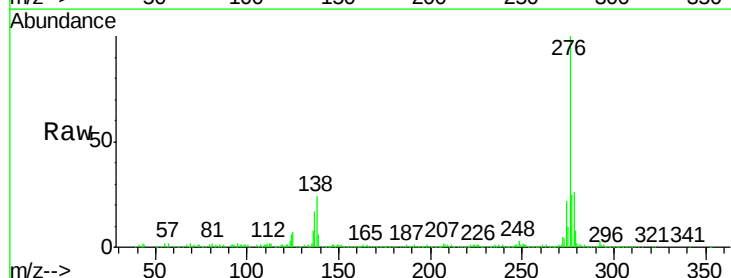
Tgt Ion:276 Resp: 417235

Ion Ratio Lower Upper

276 100

138 24.4 0.0 0.0#

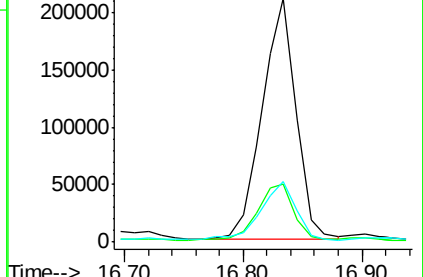
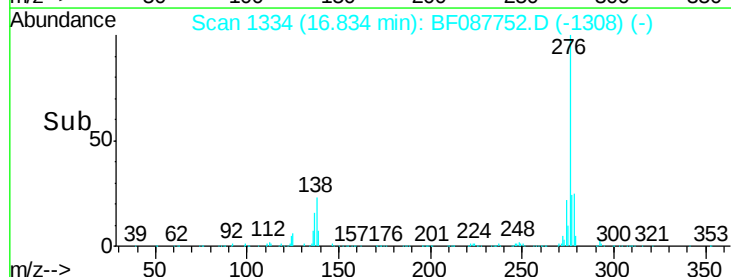
277 24.6 0.0 0.0#

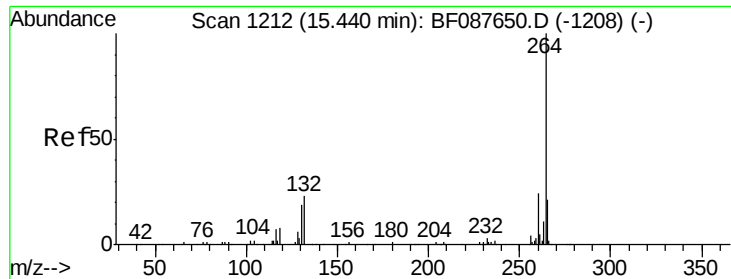


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

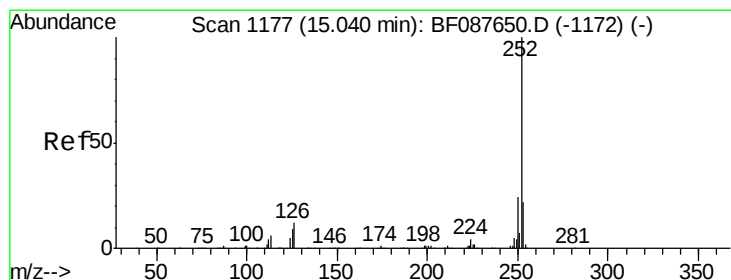
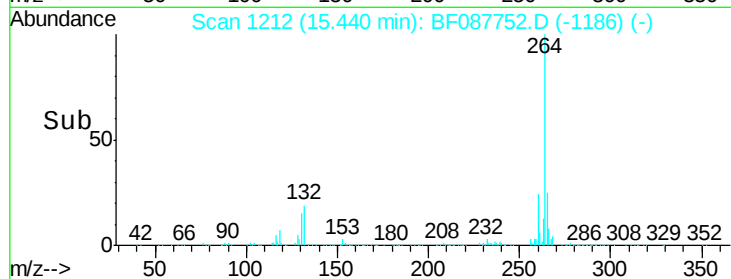
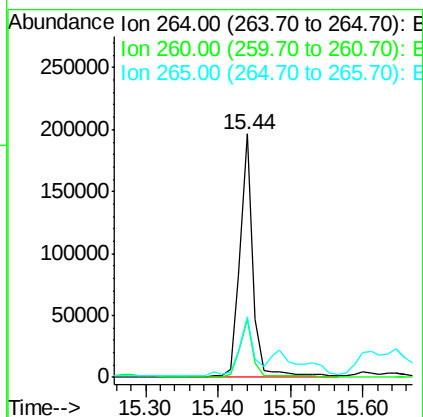
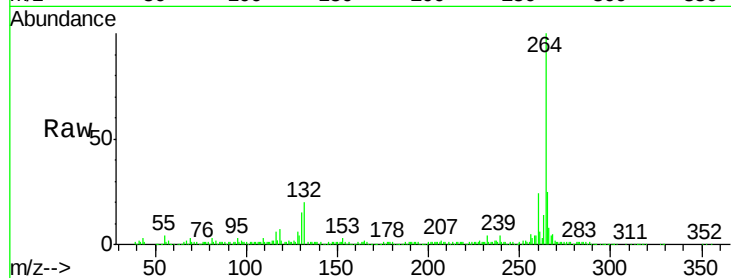




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

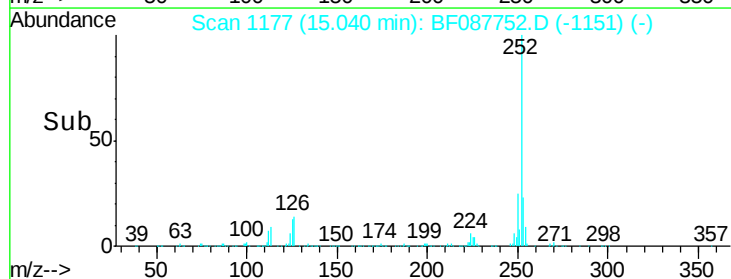
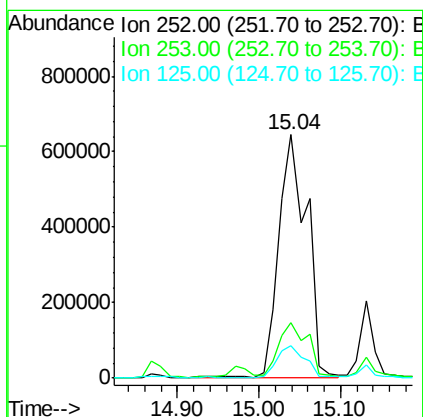
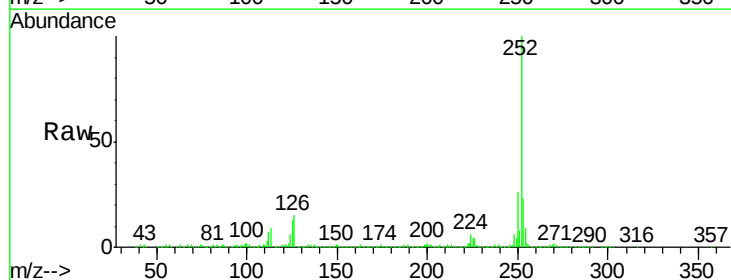
Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

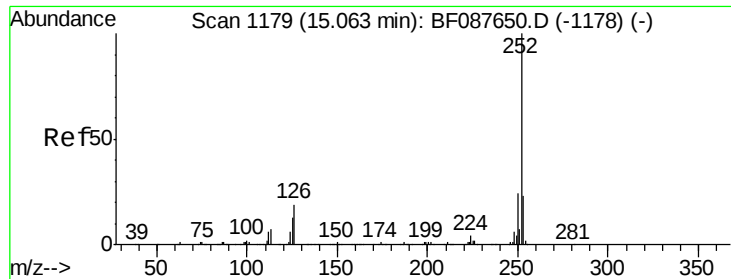
Tgt Ion:264 Resp: 244694
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 25.0 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 97.34 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

Tgt Ion:252 Resp: 1549458
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 13.3 7.1 10.7#

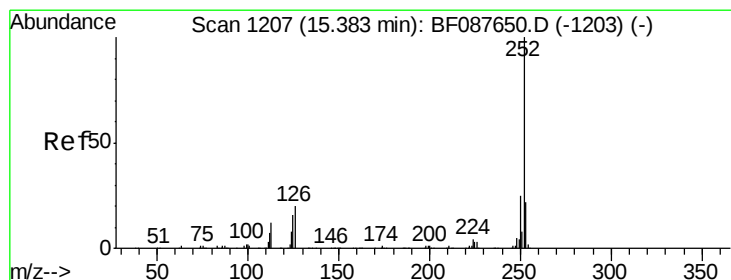
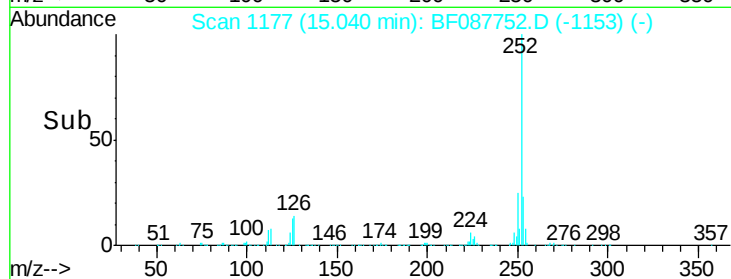
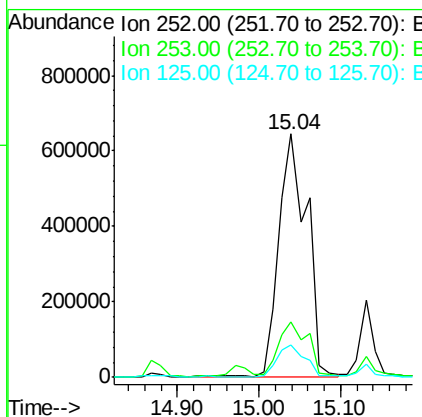
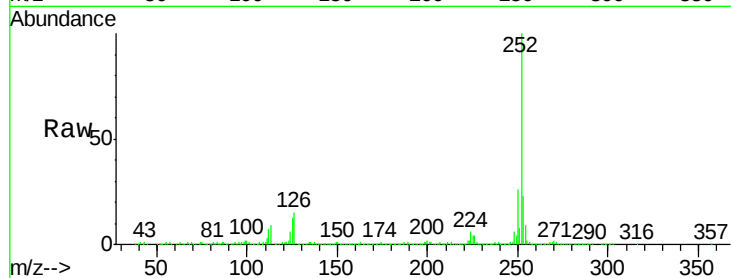




#88
Benzo(k)fluoranthene
Concen: 117.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

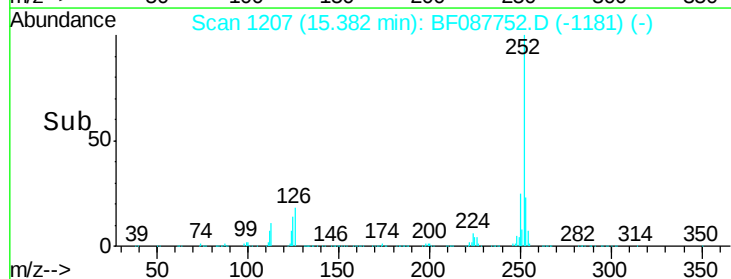
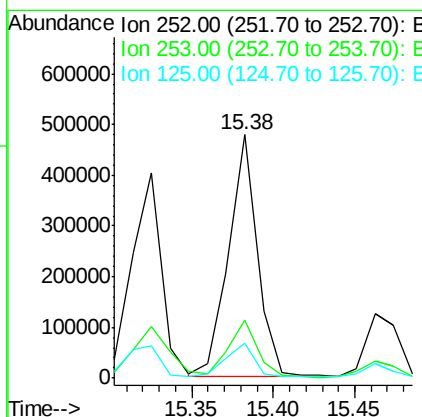
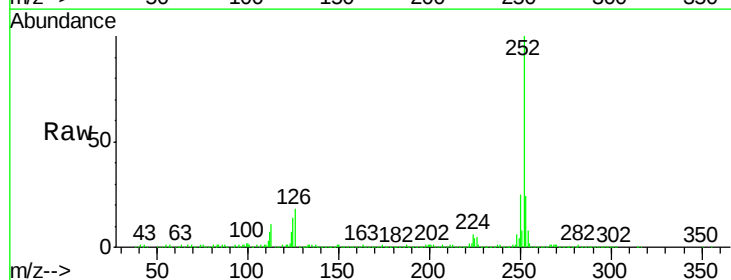
Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

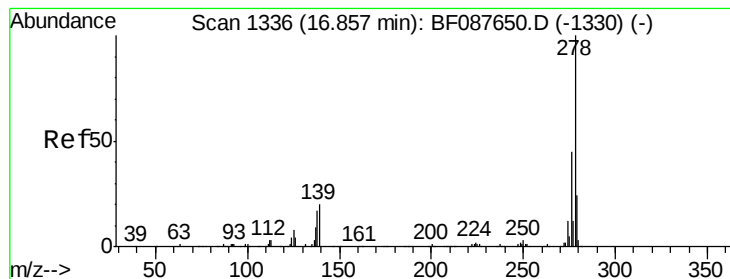
Tgt Ion:252 Resp: 1549458
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 13.3 11.2 16.8



#89
Benzo(a)pyrene
Concen: 42.92 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087752.D
Acq: 6 Jun 2016 15:13

Tgt Ion:252 Resp: 574349
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 14.3 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 5.86 ng

RT: 16.99 min Scan# 1348

Delta R.T. 0.14 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

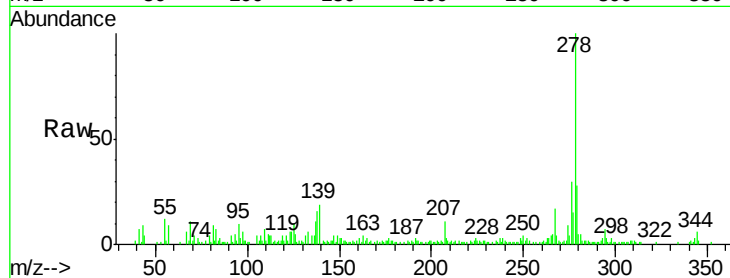
Tgt Ion:278 Resp: 66688

Ion Ratio Lower Upper

278 100

139 19.4 15.7 23.5

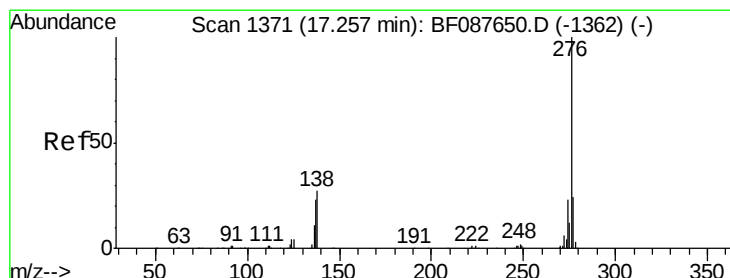
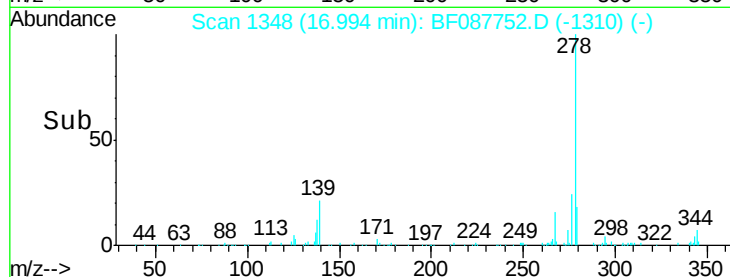
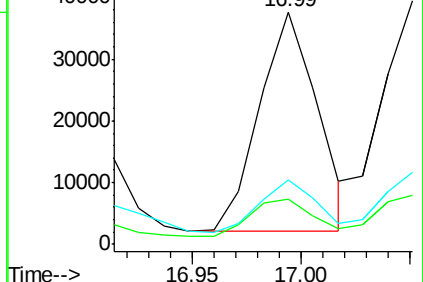
279 27.6 19.4 29.2



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: 30.86 ng

RT: 17.26 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF087752.D

Acq: 6 Jun 2016 15:13

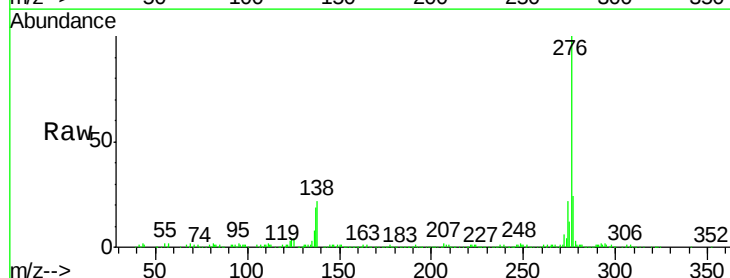
Tgt Ion:276 Resp: 354594

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 22.0 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

