

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086939.D
 Acq On : 12 May 2016 19:23
 Operator : UM/SJ
 Sample : H2957-01RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP30-6-7FT

Quant Time: May 13 00:50:13 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	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	581934	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	273398	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	430359	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	290466	20.00	ng	-0.08
86) Perylene-d12	15.12	264	316011	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1070787	0.00	ng	-0.07
7) Phenol-d6	6.28	99	1327856	0.00	ng	-0.08
23) Nitrobenzene-d5	7.20	82	974334	84.07	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	265198	91.63	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1280758	78.73	ng	-0.07
78) Terphenyl-d14	12.72	244	785737	57.39	ng	-0.08

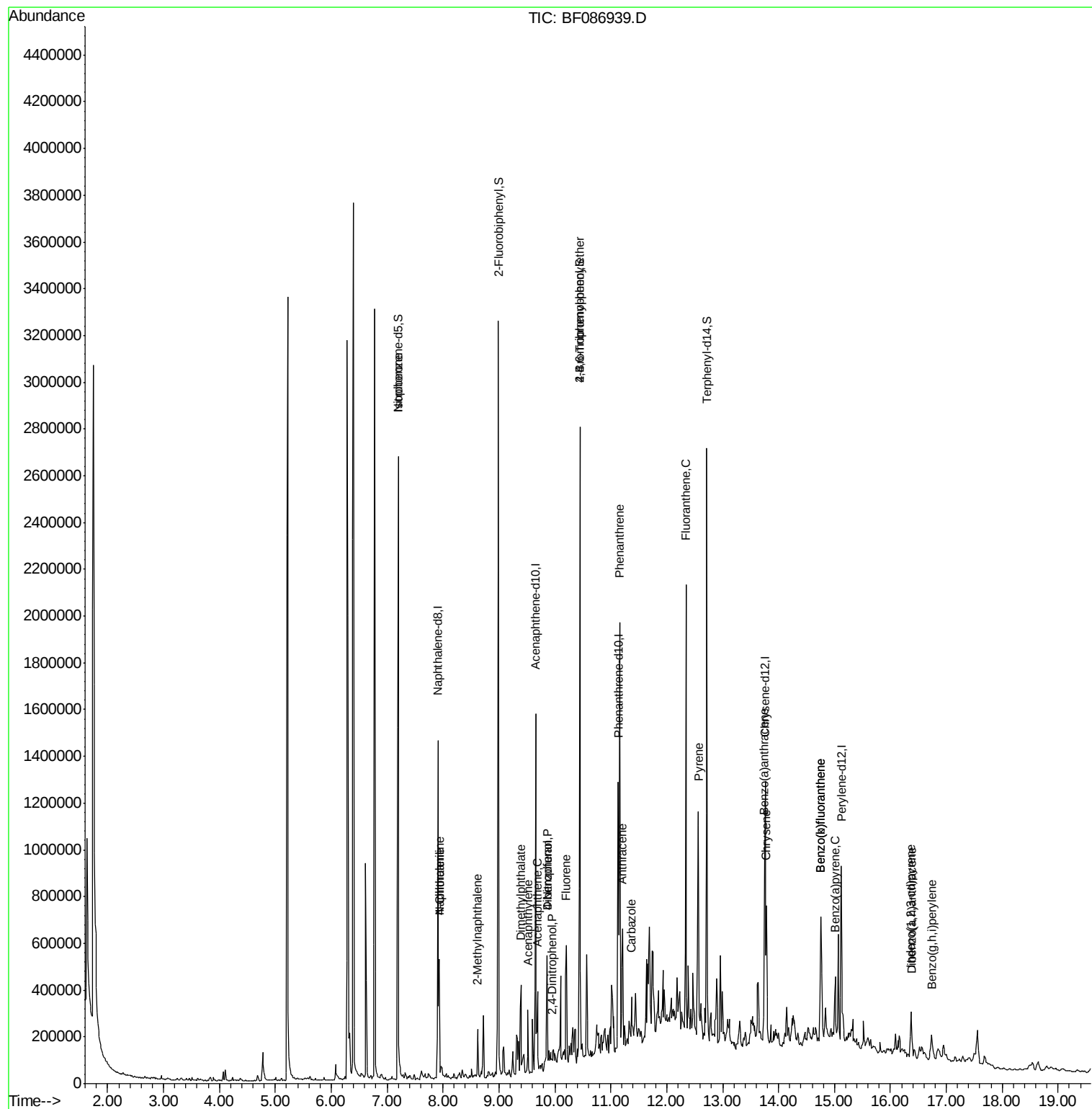
Target Compounds						Qvalue
25) Isophorone	7.20	82	938496	43.65	ng	# 68
31) Naphthalene	7.93	128	198723	6.82	ng	99
33) 4-Chloroaniline	7.93	127	25325	2.24	ng	# 34
37) 2-Methylnaphthalene	8.62	142	78066	4.58	ng	96
48) Acenaphthylene	9.52	152	96101	3.83	ng	97
49) Dimethylphthalate	9.39	163	169731	8.14	ng	98
51) Acenaphthene	9.69	154	87289	5.60	ng	98
53) 2,4-Dinitrophenol	9.94	184	331	7.82	ng	# 88
54) Dibenzofuran	9.86	168	160687	8.03	ng	99
55) 4-Nitrophenol	9.86	139	64301	24.24	ng	# 16
57) Fluorene	10.20	166	176121	10.32	ng	98
60) 4-Chlorophenyl-phenylether	9.95	204	394	Below Cal		# 22
66) 4-Bromophenyl-phenylether	10.44	248	16612	3.81	ng	# 1
70) Phenanthrene	11.15	178	917376	39.94	ng	99
71) Anthracene	11.21	178	224310	9.55	ng	99
72) Carbazole	11.37	167	78877	3.91	ng	98
74) Fluoranthene	12.34	202	705482	29.87	ng	96
77) Pyrene	12.57	202	569278	25.60	ng	99
80) Benzo(a)anthracene	13.75	228	282604	17.33	ng	98
82) Chrysene	13.78	228	200749	12.10	ng	97
85) Indeno(1,2,3-cd)pyrene	16.37	276	113447	8.22	ng	# 90
87) Benzo(b)fluoranthene	14.75	252	372397	18.13	ng	97
88) Benzo(k)fluoranthene	14.75	252	372397	22.14	ng	99
89) Benzo(a)pyrene	15.02	252	122725	6.93	ng	96
90) Dibenzo(a,h)anthracene	16.38	278	31982	2.14	ng	94
91) Benzo(g,h,i)perylene	16.74	276	89069	5.87	ng	# 90

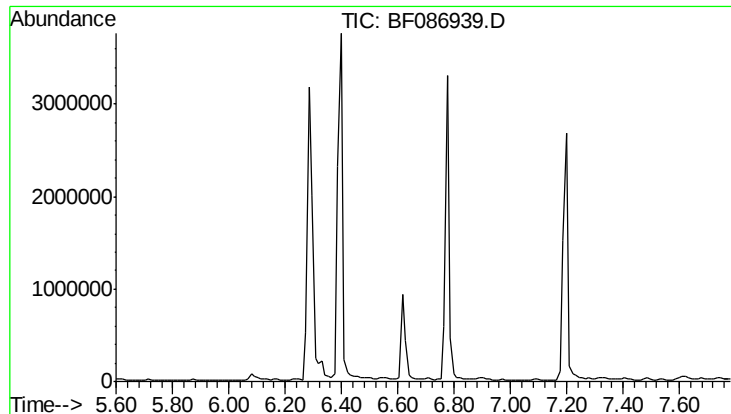
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 09 16:04:56 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TP30-6-7FT

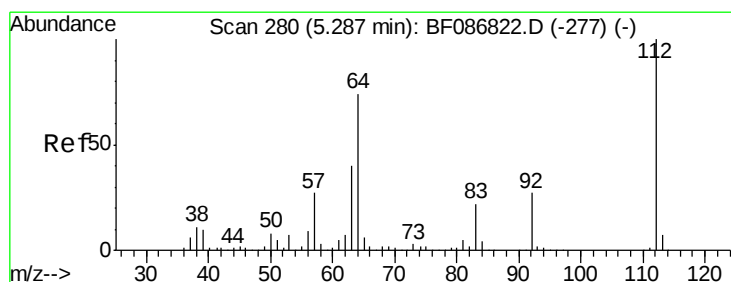
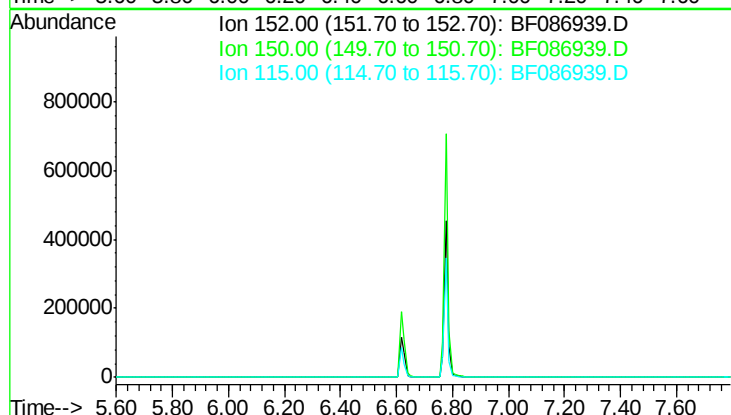
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

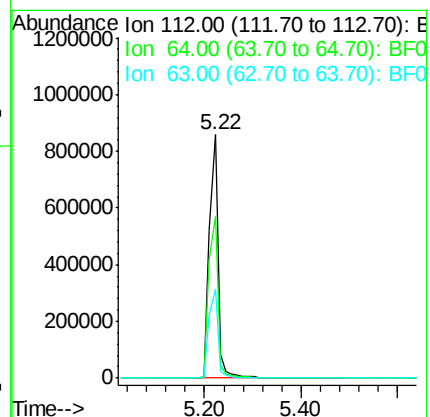
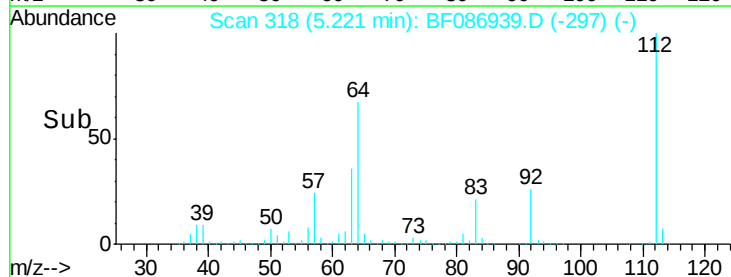
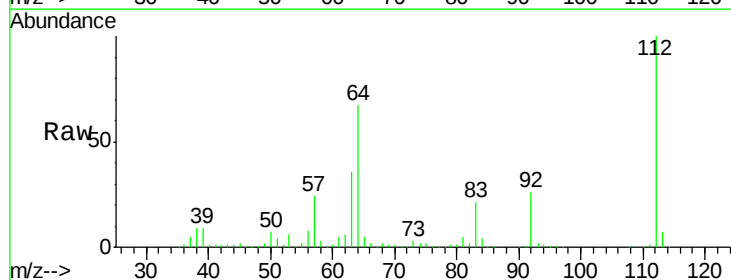
Tgt Ion: 112 Resp: 1070787

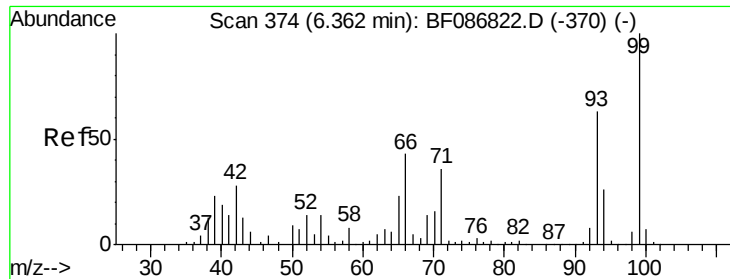
Ion Ratio Lower Upper

112 100

64 66.6 52.1 78.1

63 36.4 25.7 38.5





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TP30-6-7FT

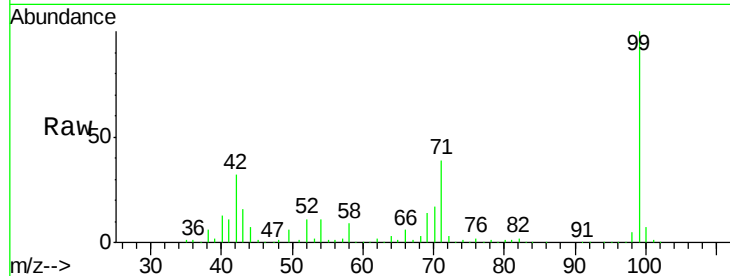
Tgt Ion: 99 Resp: 1327856

Ion Ratio Lower Upper

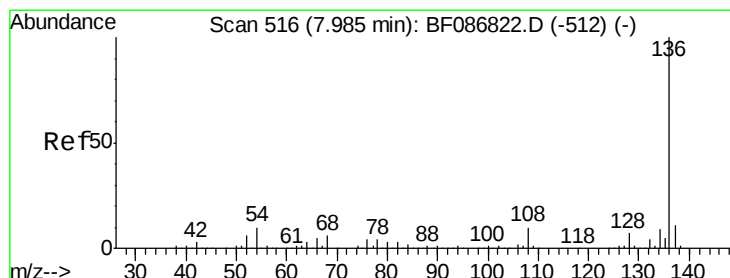
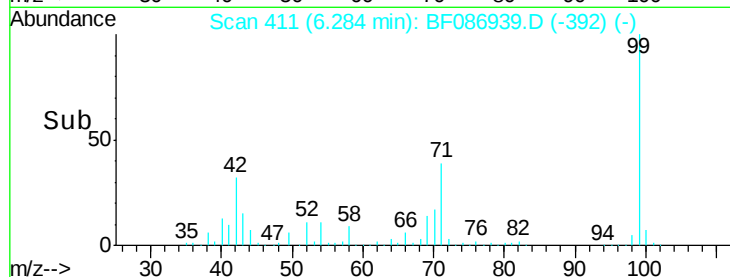
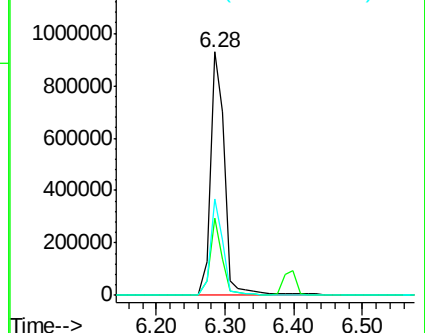
99 100

42 31.6 13.6 20.4#

71 39.5 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Tgt Ion: 136 Resp: 581934

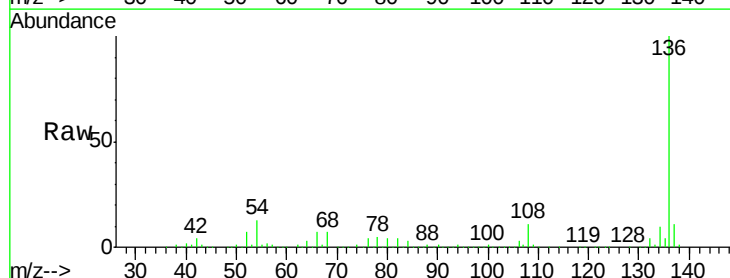
Ion Ratio Lower Upper

136 100

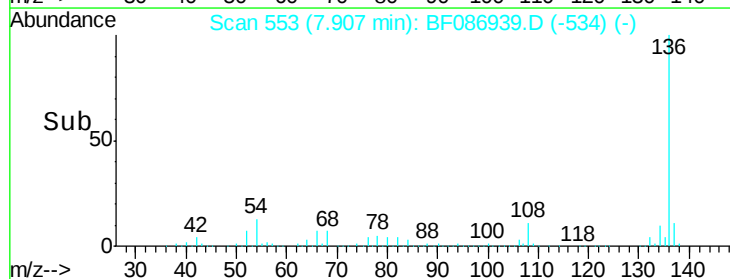
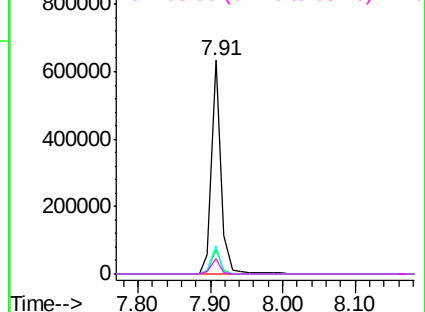
137 11.2 8.8 13.2

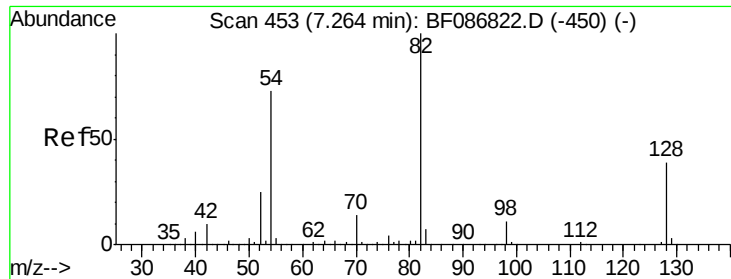
54 13.0 5.0 7.4#

68 7.1 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

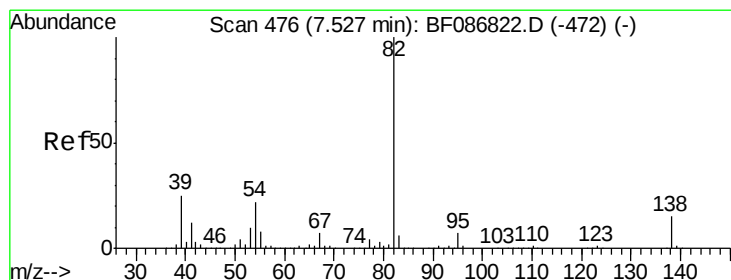
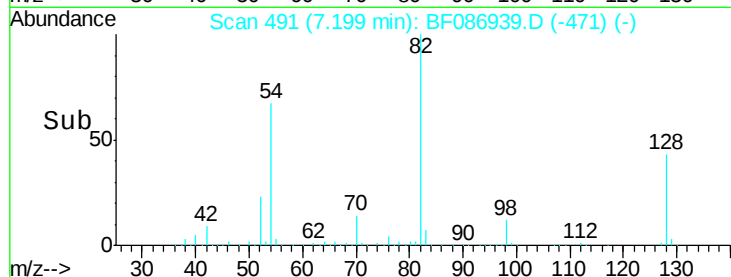
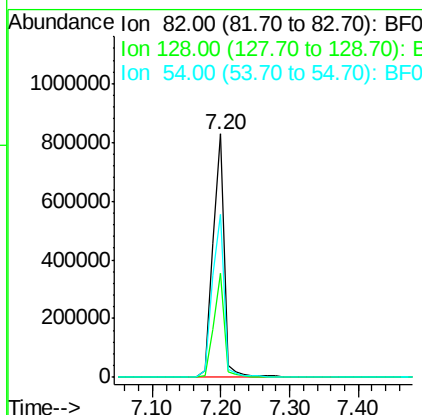
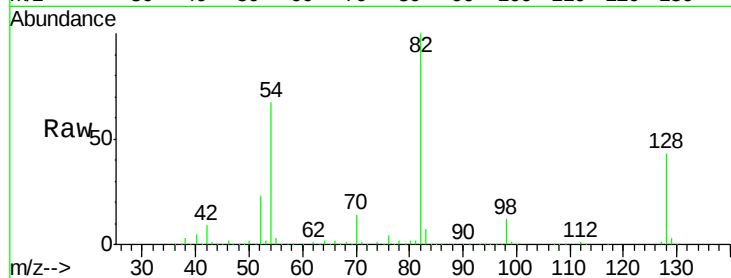




#23
Nitrobenzene-d5
Concen: 84.07 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.07 min
Lab File: BF086939.D
Acq: 12 May 2016 19:23

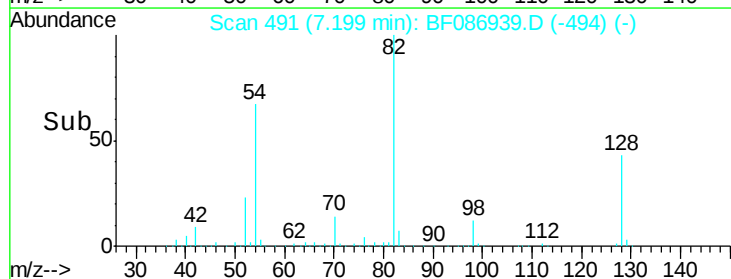
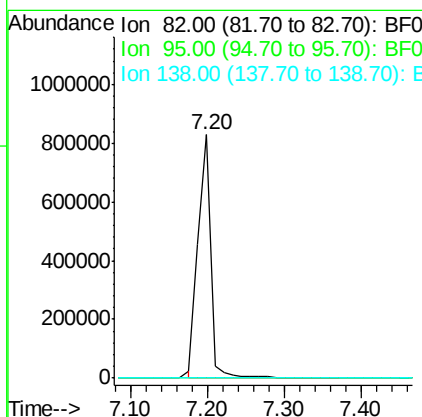
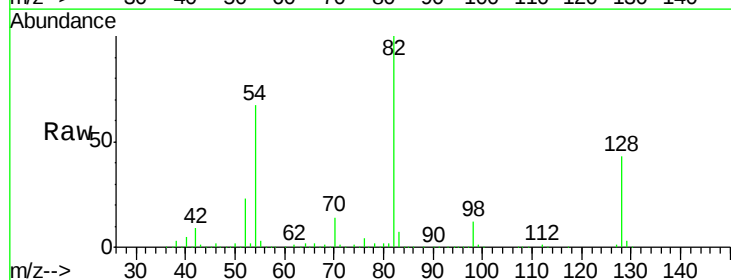
Instrument :
BNA_F
ClientSampleId :
TP30-6-7FT

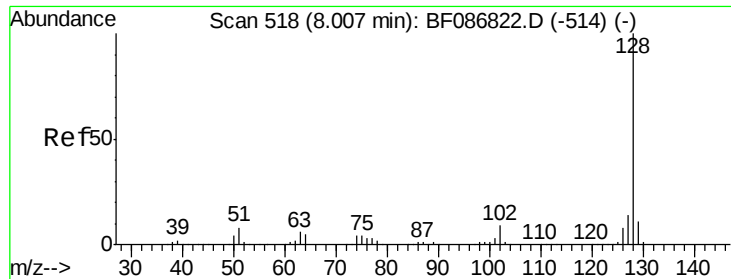
Tgt Ion: 82 Resp: 974334
Ion Ratio Lower Upper
82 100
128 42.8 40.6 61.0
54 67.0 38.1 57.1#



#25
Isophorone
Concen: 43.65 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.33 min
Lab File: BF086939.D
Acq: 12 May 2016 19:23

Tgt Ion: 82 Resp: 938496
Ion Ratio Lower Upper
82 100
95 0.1 5.1 7.7#
138 0.0 12.4 18.6#

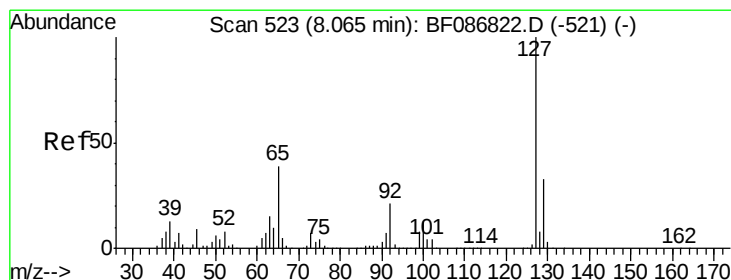
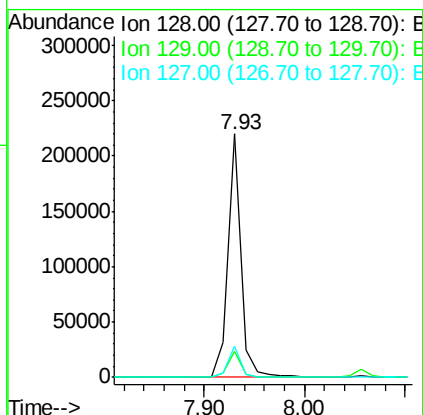
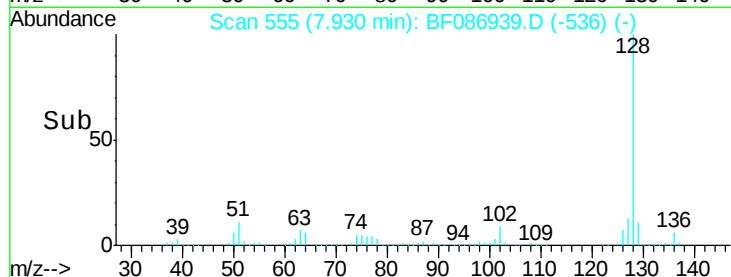
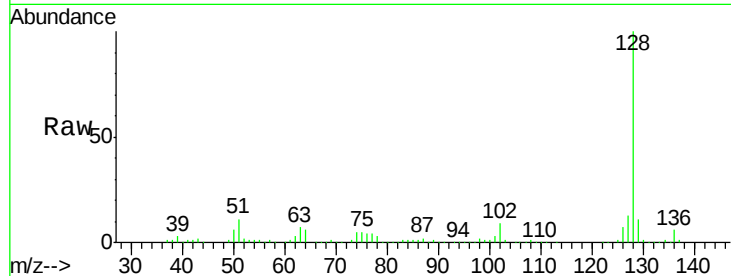




#31
Naphthalene
Concen: 6.82 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.08 min
Lab File: BF086939.D
Acq: 12 May 2016 19:23

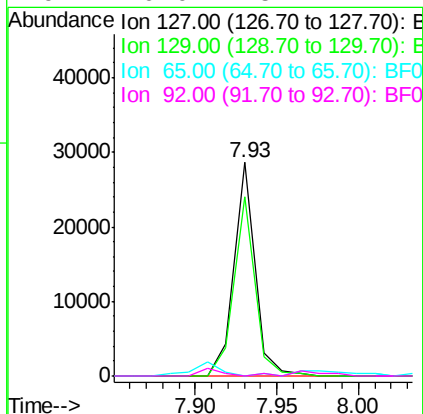
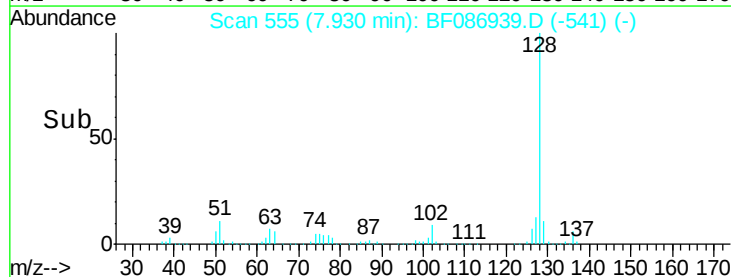
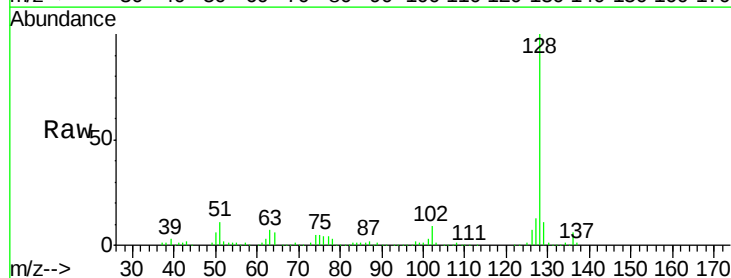
Instrument :
BNA_F
ClientSampleId :
TP30-6-7FT

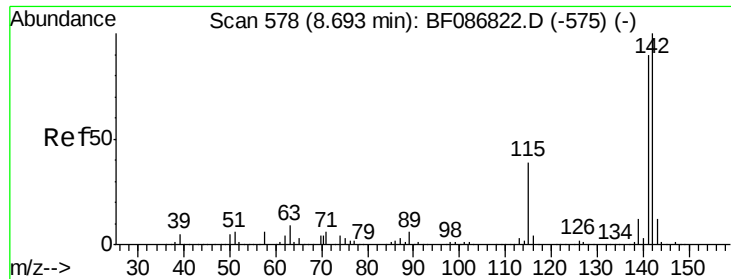
Tgt Ion:128 Resp: 198723
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.8 16.2



#33
4-Chloroaniline
Concen: 2.24 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.13 min
Lab File: BF086939.D
Acq: 12 May 2016 19:23

Tgt Ion:127 Resp: 25325
Ion Ratio Lower Upper
127 100
129 83.8 26.2 39.4#
65 0.0 23.0 34.4#
92 0.0 15.1 22.7#

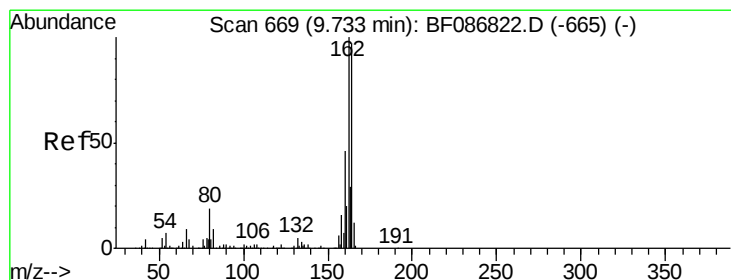
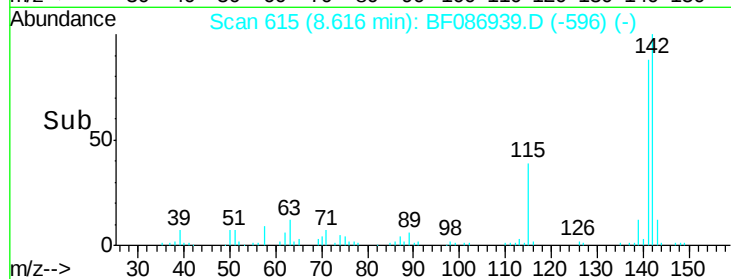
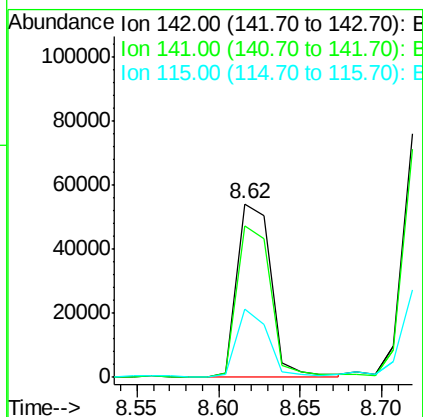
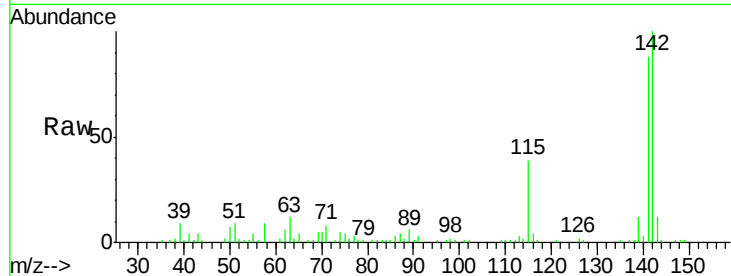




#37
 2-Methylnaphthalene
 Concen: 4.58 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF086939.D
 Acq: 12 May 2016 19:23

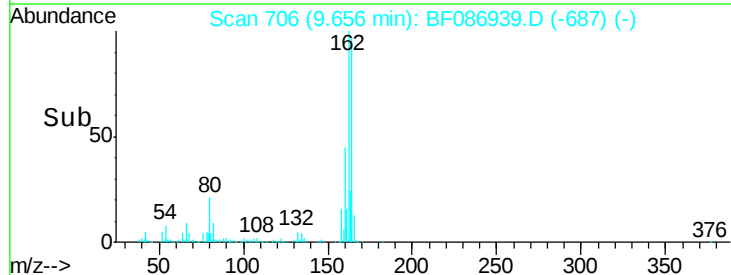
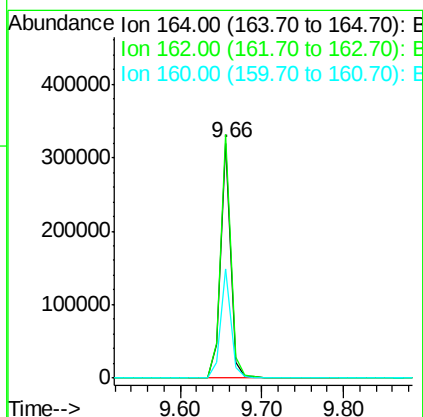
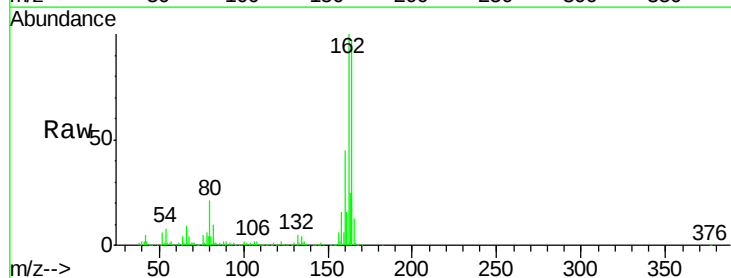
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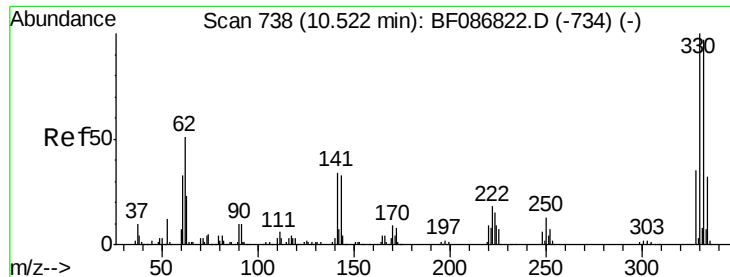
Tgt Ion:142 Resp: 78066
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.0 106.6
 115 39.1 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.08 min
 Lab File: BF086939.D
 Acq: 12 May 2016 19:23

Tgt Ion:164 Resp: 273398
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 46.5 36.9 55.3

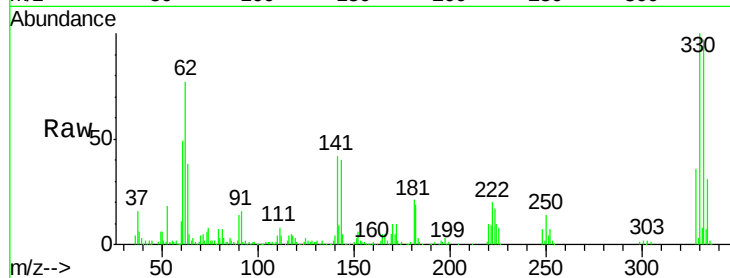




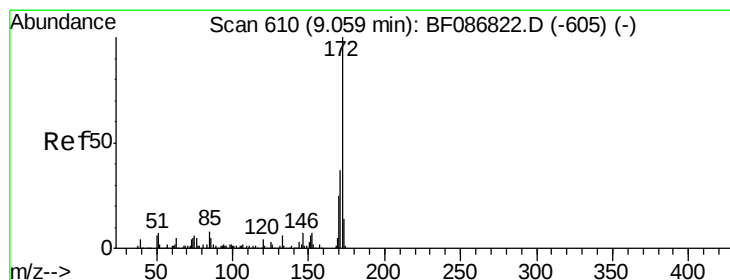
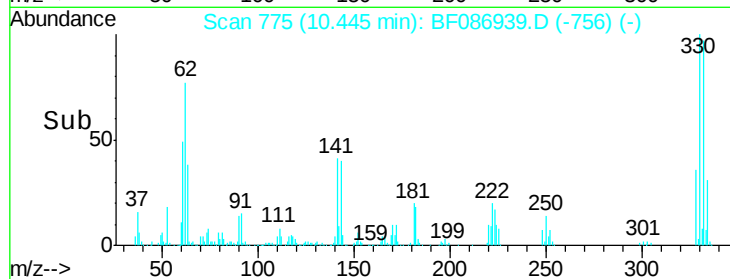
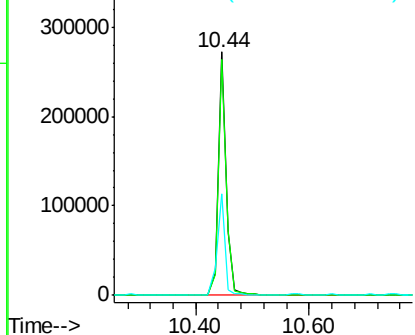
#41
 2,4,6-Tribromophenol
 Concen: 91.63 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF086939.D
 Acq: 12 May 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 TP30-6-7FT

Tgt Ion:330 Resp: 265198
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 40.2 31.2 46.8

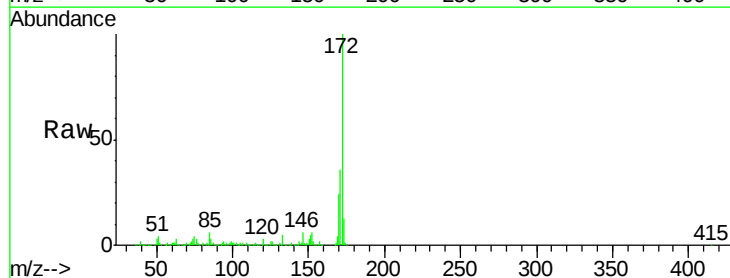


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

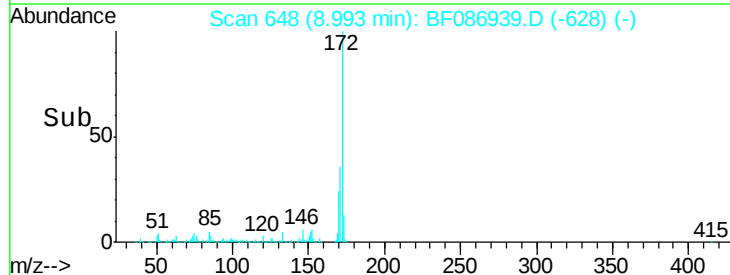
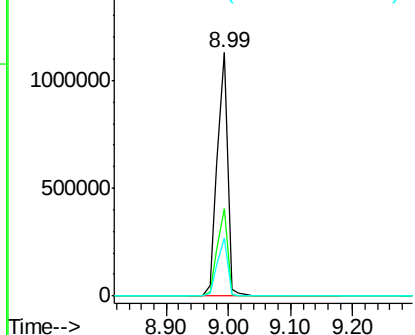


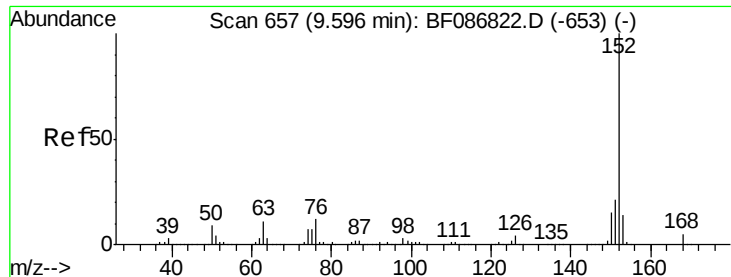
#44
 2-Fluorobiphenyl
 Concen: 78.73 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086939.D
 Acq: 12 May 2016 19:23

Tgt Ion:172 Resp: 1280758
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.8 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





#48

Acenaphthylene

Concen: 3.83 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

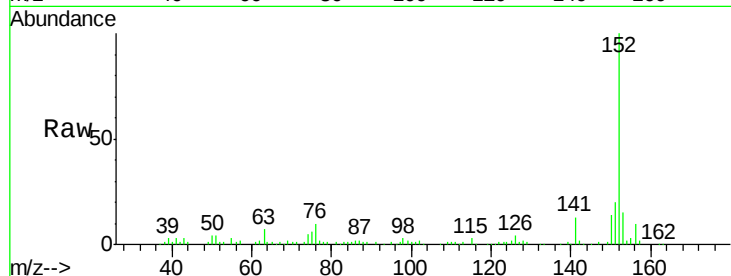
Instrument :

BNA_F

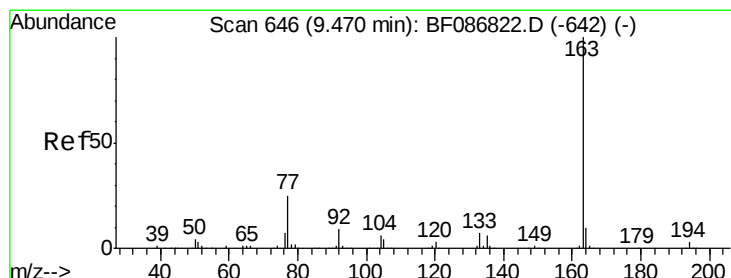
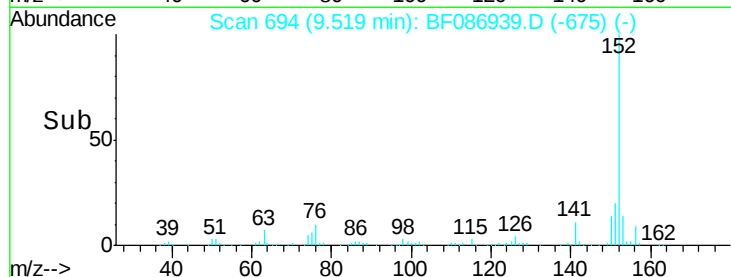
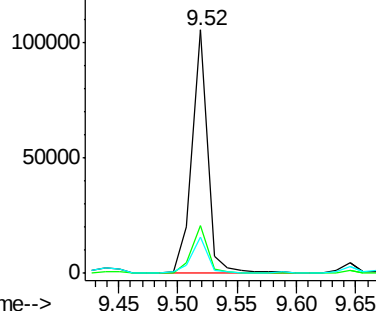
ClientSampleId :

TP30-6-7FT

Tgt Ion:	152	Resp:	96101
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	14.8	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: 8.14 ng

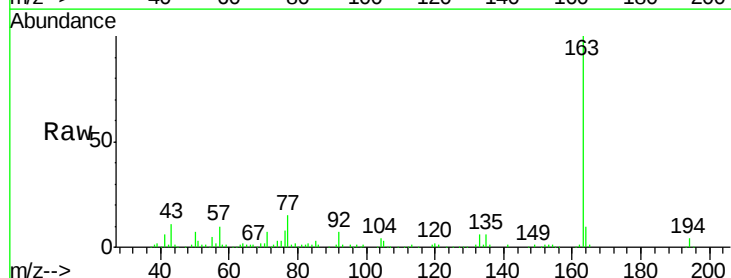
RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

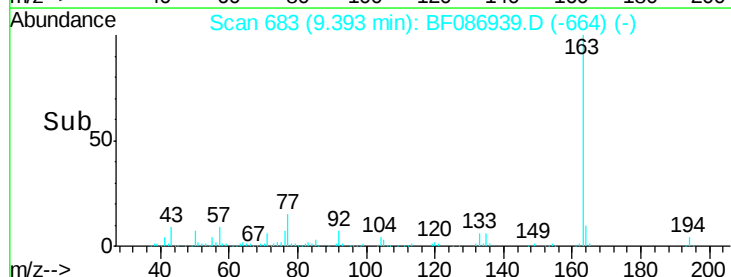
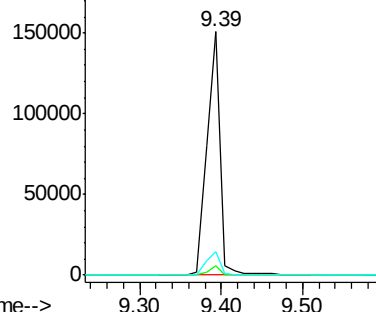
Lab File: BF086939.D

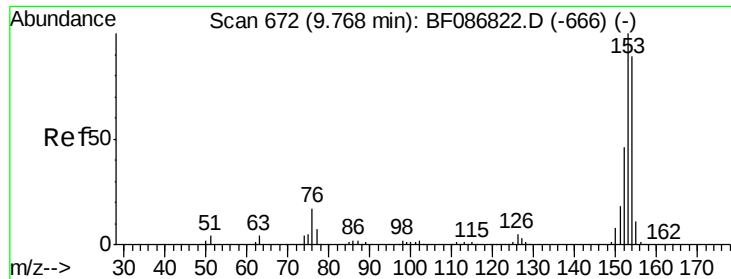
Acq: 12 May 2016 19:23

Tgt Ion:	163	Resp:	169731
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.6	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: 5.60 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TP30-6-7FT

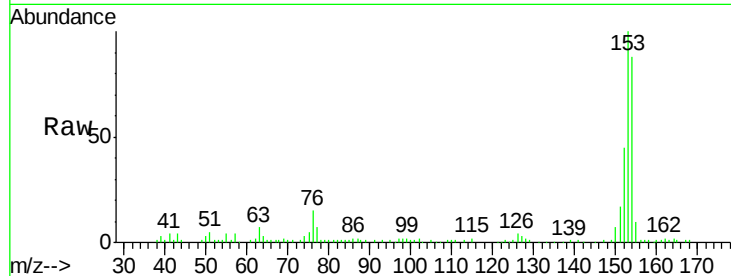
Tgt Ion:154 Resp: 87289

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

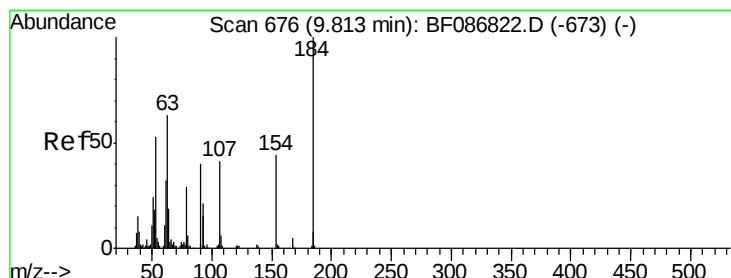
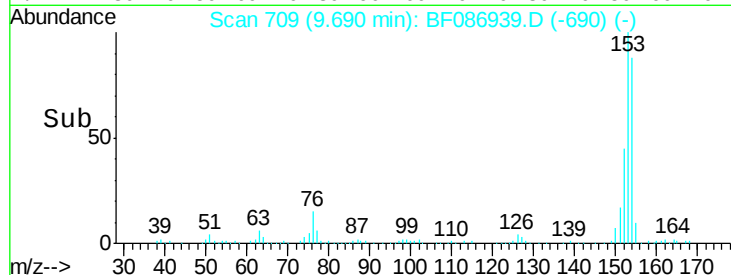
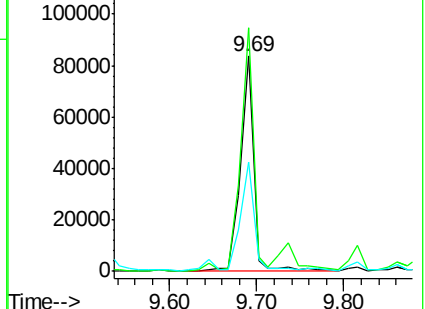
152 50.6 43.4 65.0



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: 7.82 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.13 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

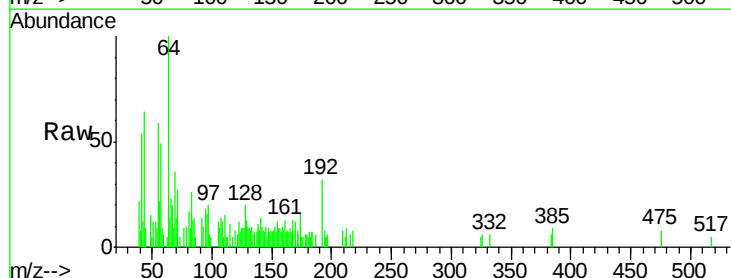
Tgt Ion:184 Resp: 331

Ion Ratio Lower Upper

184 100

63 71.8 55.8 83.8

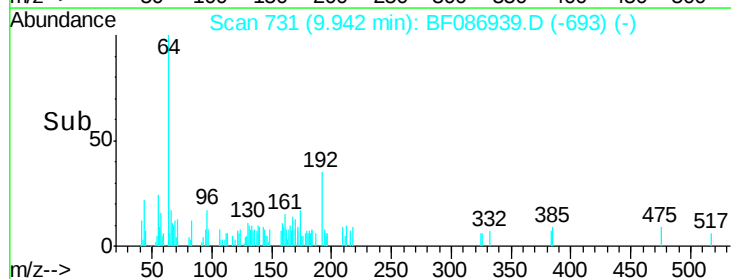
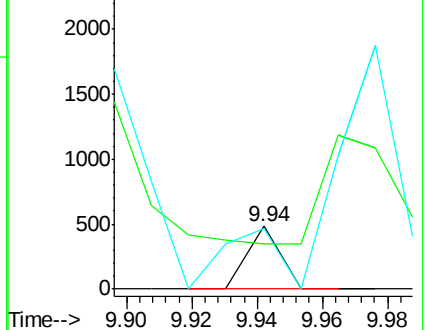
154 96.5 62.4 93.6#

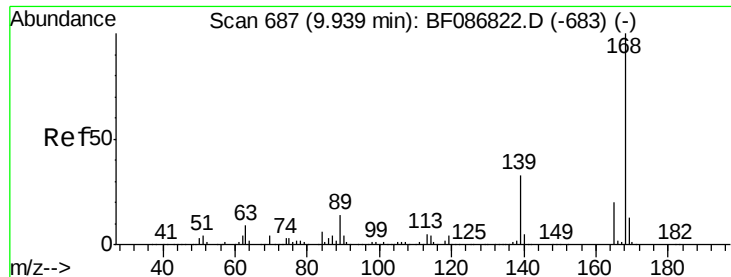


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

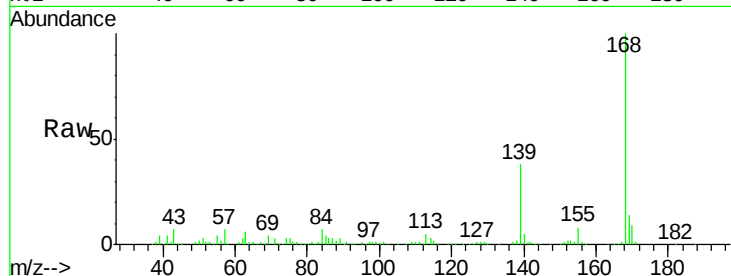




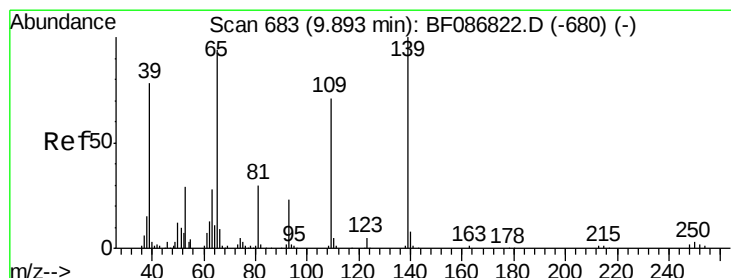
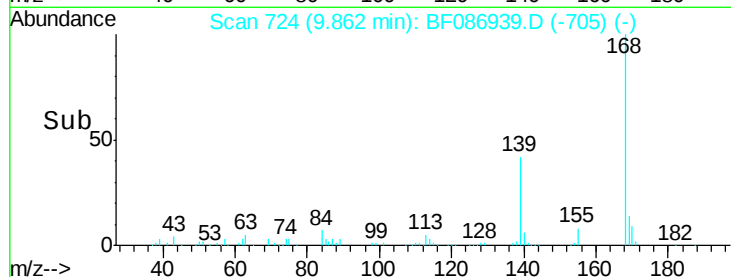
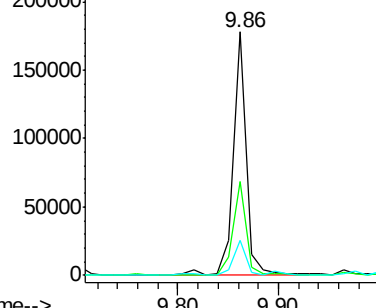
#54
Dibenzofuran
Concen: 8.03 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF086939.D
Acq: 12 May 2016 19:23

Instrument :
BNA_F
ClientSampleId :
TP30-6-7FT

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.4	47.0
169	14.4	10.7	16.1

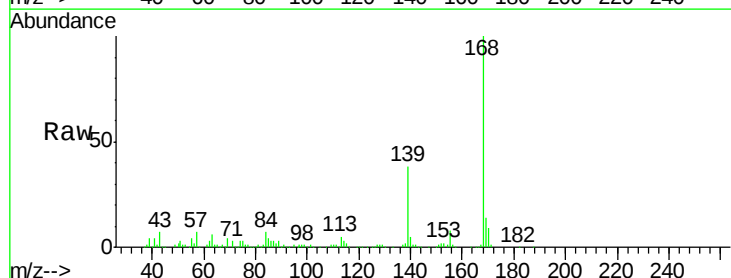


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

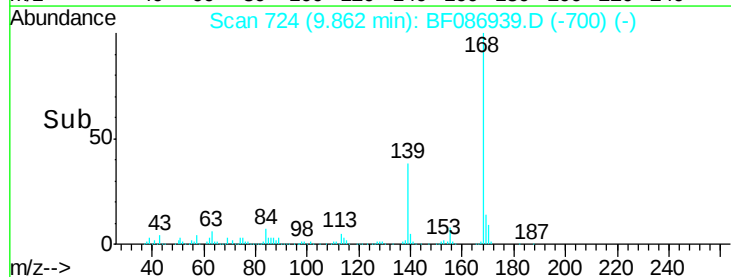
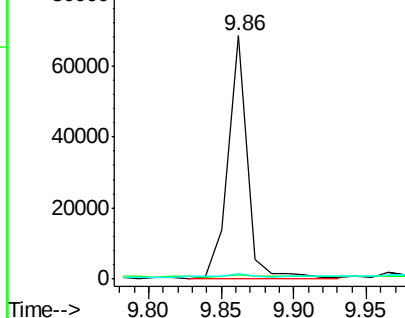


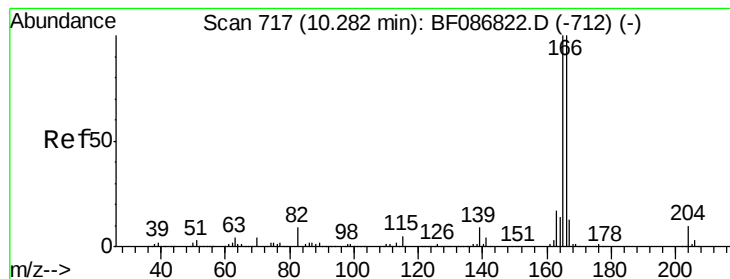
#55
4-Nitrophenol
Concen: 24.24 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF086939.D
Acq: 12 May 2016 19:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.7	36.9	76.9#
65	2.2	64.0	104.0#



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: 10.32 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TP30-6-7FT

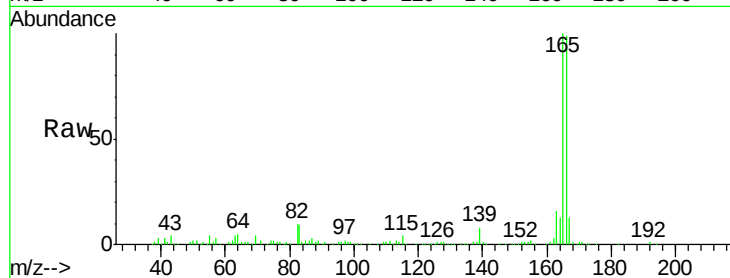
Tgt Ion:166 Resp: 176121

Ion Ratio Lower Upper

166 100

165 101.4 79.0 118.6

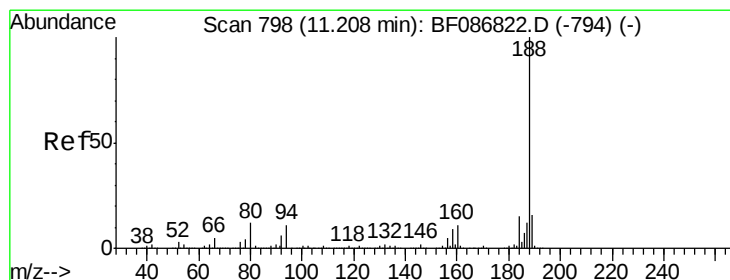
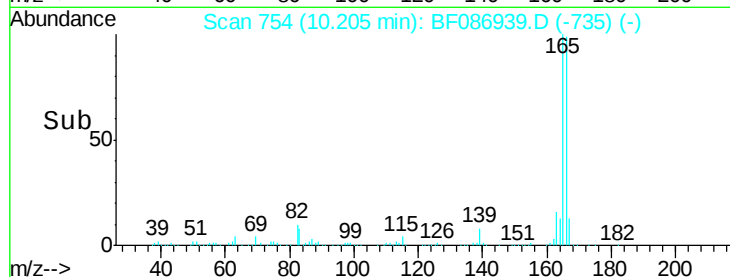
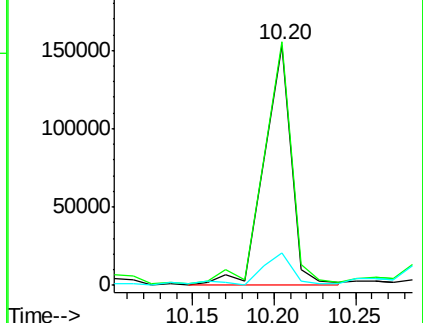
167 13.7 10.6 15.8



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: 11.13 min Scan# 835

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

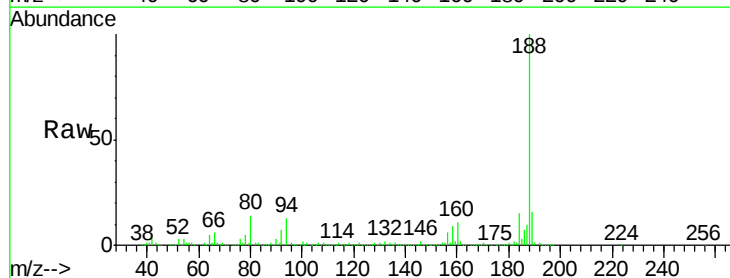
Tgt Ion:188 Resp: 430359

Ion Ratio Lower Upper

188 100

94 12.6 6.8 10.2#

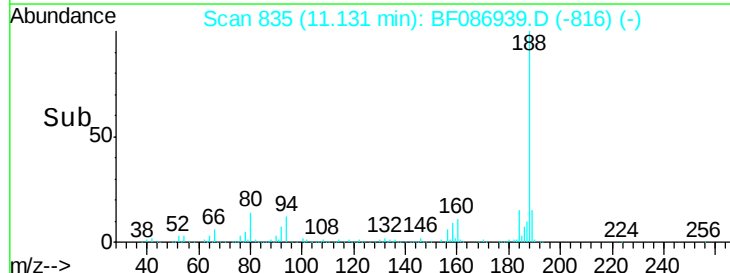
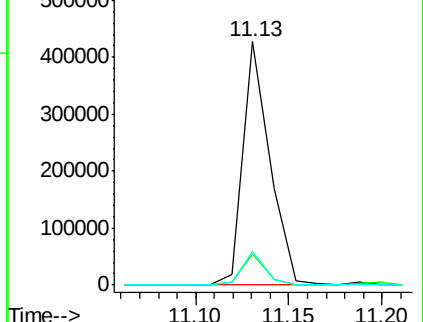
80 13.8 7.1 10.7#

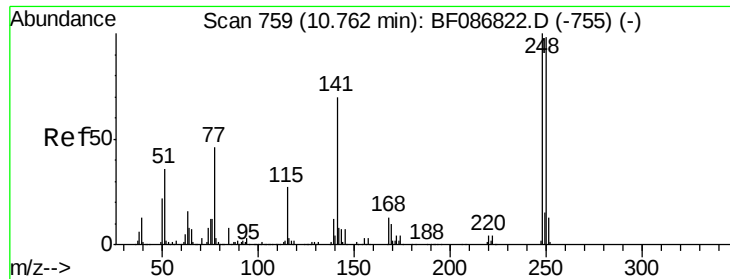


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

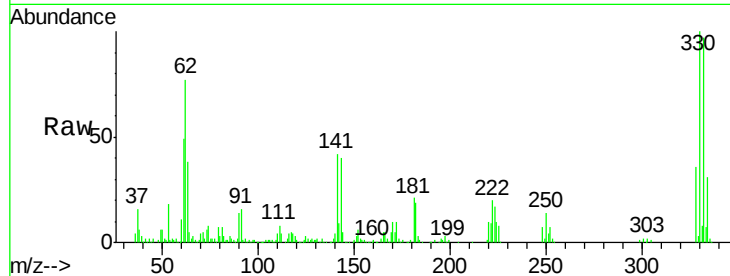




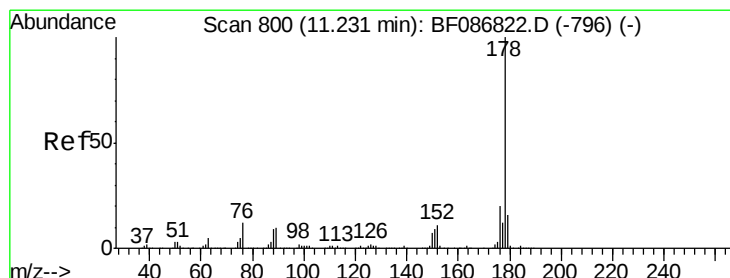
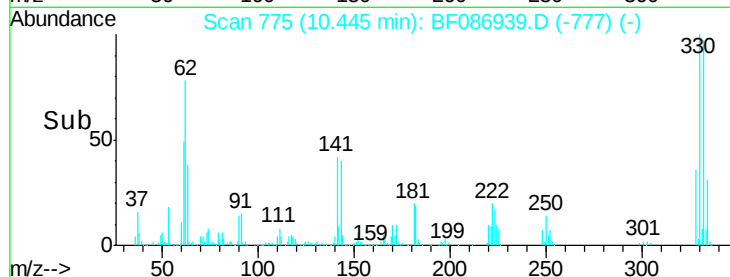
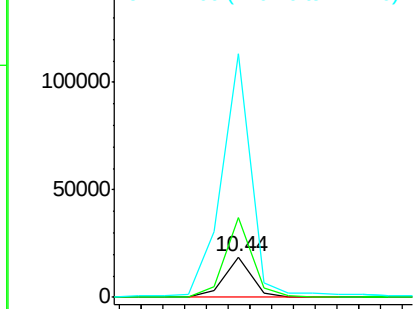
#66
 4-Bromophenyl-phenylether
 Concen: 3.81 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.32 min
 Lab File: BF086939.D
 Acq: 12 May 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 TP30-6-7FT

Tgt Ion:248 Resp: 16612
 Ion Ratio Lower Upper
 248 100
 250 199.1 78.6 117.8#
 141 605.5 76.0 114.0#

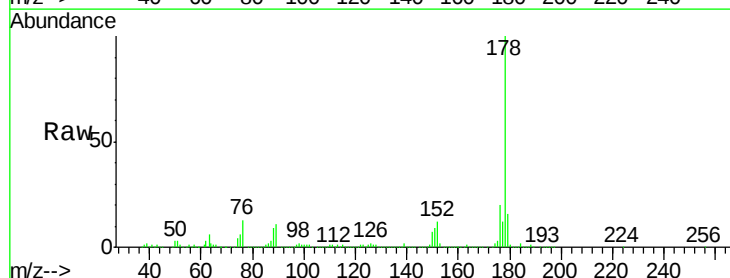


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

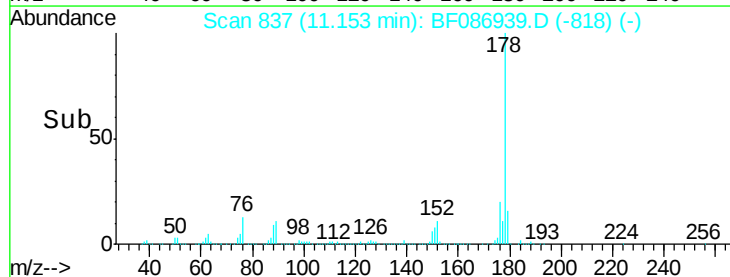
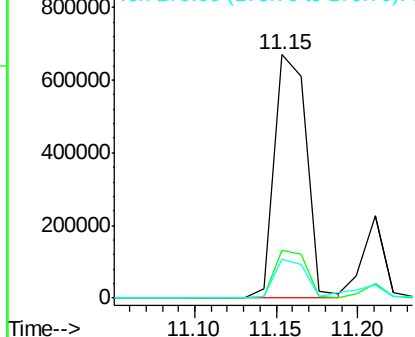


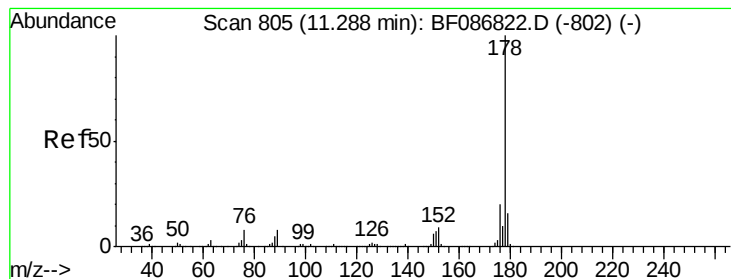
#70
 Phenanthrene
 Concen: 39.94 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.08 min
 Lab File: BF086939.D
 Acq: 12 May 2016 19:23

Tgt Ion:178 Resp: 917376
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.0 12.6 18.8



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: 9.55 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TP30-6-7FT

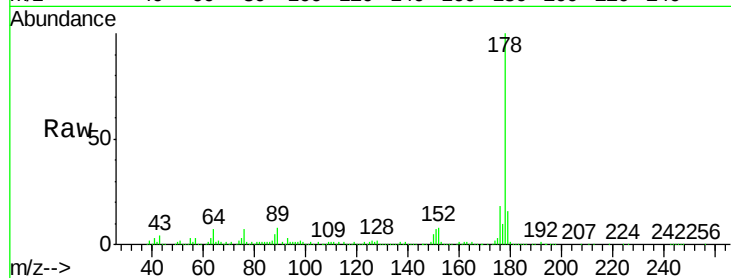
Tgt Ion:178 Resp: 224310

Ion Ratio Lower Upper

178 100

176 18.5 15.6 23.4

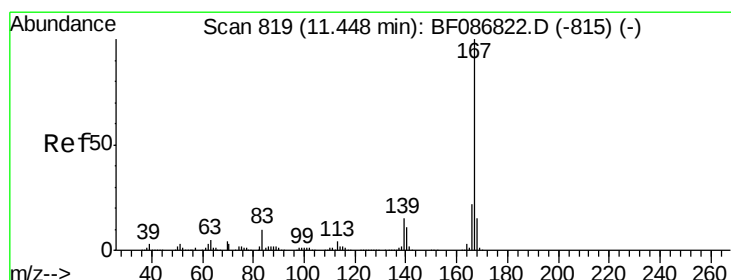
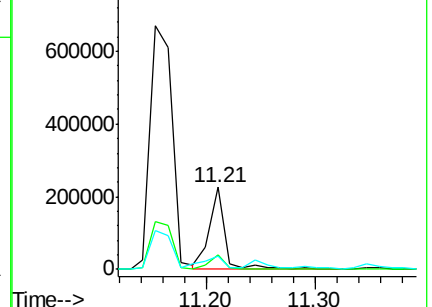
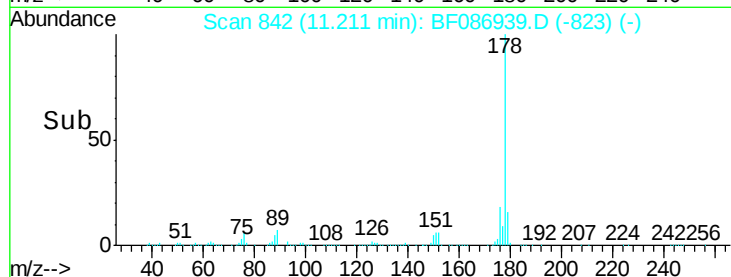
179 15.8 12.7 19.1



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



#72

Carbazole

Concen: 3.91 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

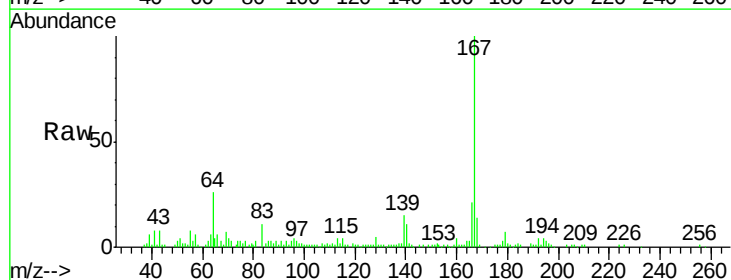
Tgt Ion:167 Resp: 78877

Ion Ratio Lower Upper

167 100

166 21.3 17.7 26.5

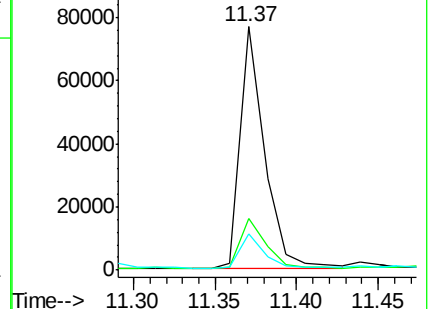
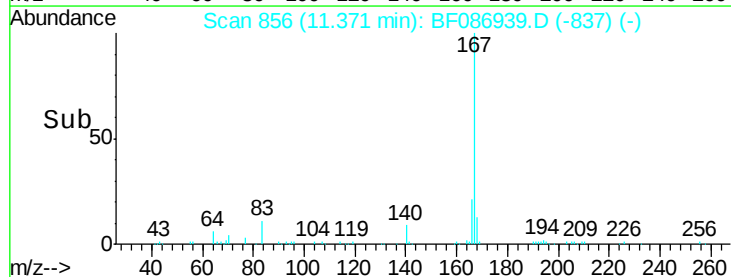
139 14.7 10.8 16.2

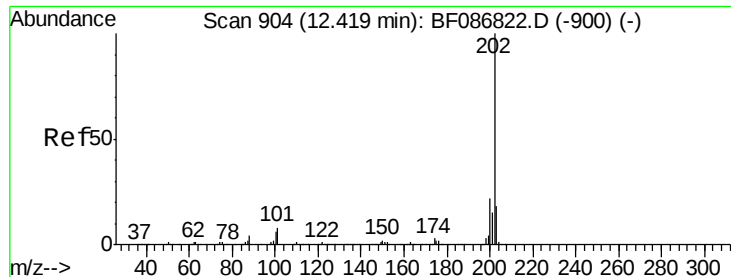


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 29.87 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Instrument :

BNA_F

ClientSampled :

TP30-6-7FT

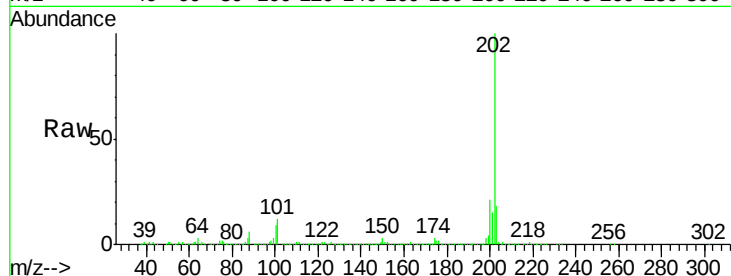
Tgt Ion:202 Resp: 705482

Ion Ratio Lower Upper

202 100

101 11.7 0.0 35.4

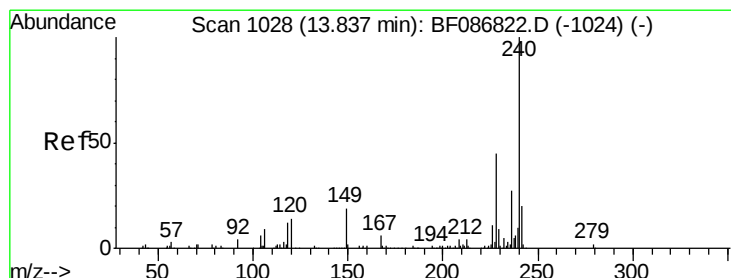
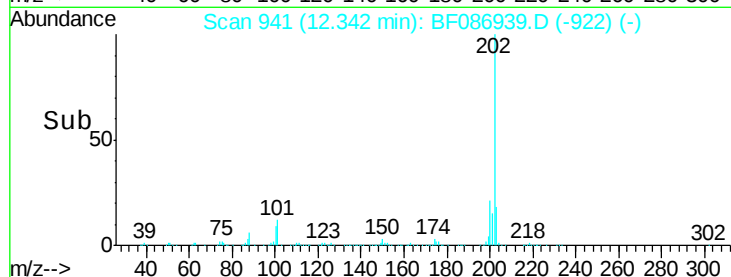
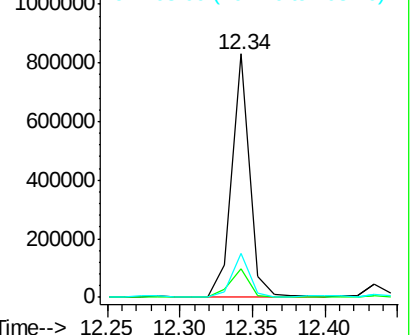
203 17.9 0.0 38.1



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: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

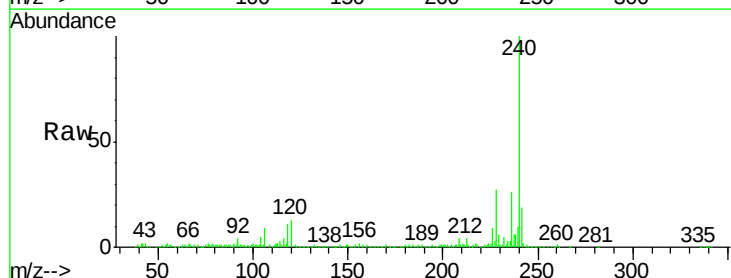
Tgt Ion:240 Resp: 290466

Ion Ratio Lower Upper

240 100

120 13.0 11.2 16.8

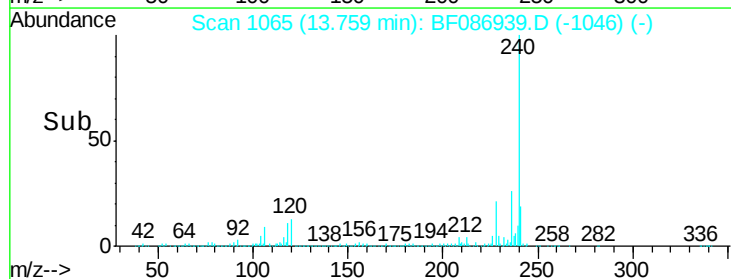
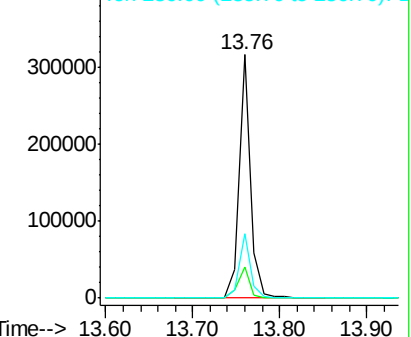
236 26.5 21.2 31.8

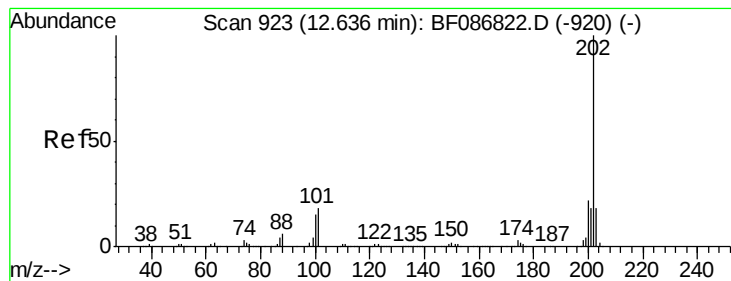


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 25.60 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.07 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TP30-6-7FT

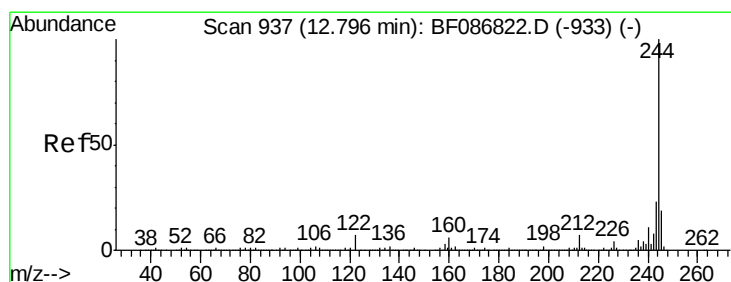
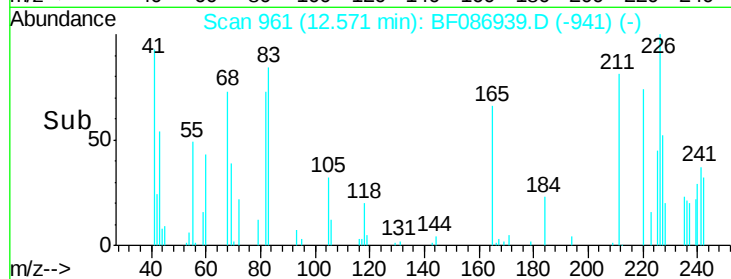
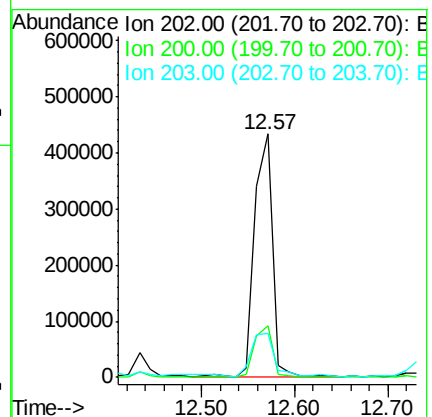
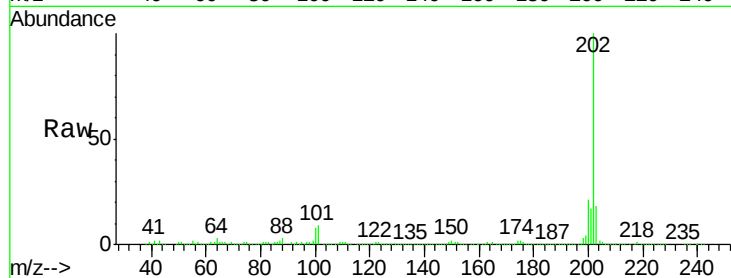
Tgt Ion:202 Resp: 569278

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

203 17.8 14.2 21.4



#78

Terphenyl-d14

Concen: 57.39 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

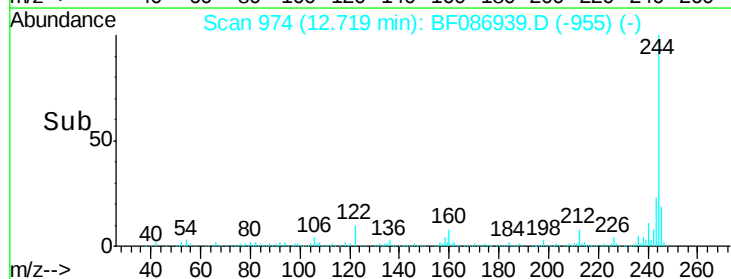
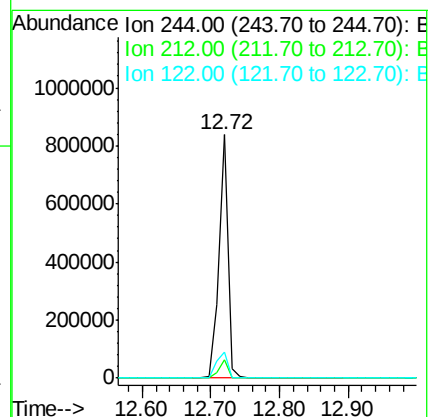
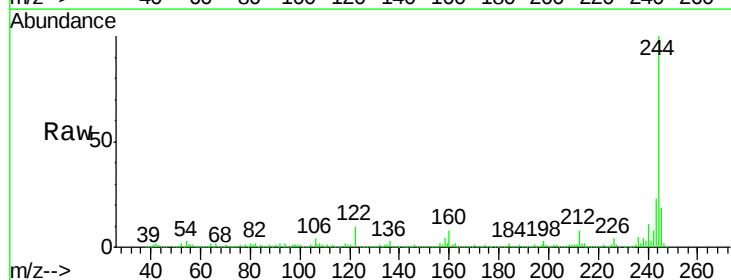
Tgt Ion:244 Resp: 785737

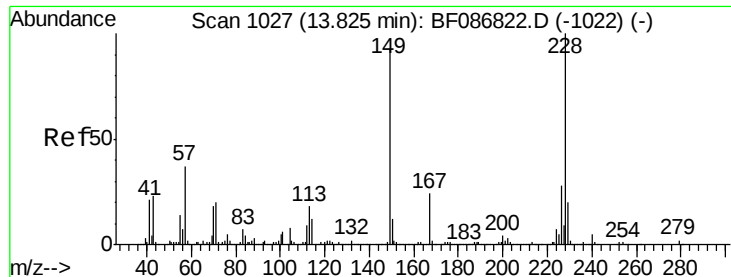
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 10.5 12.0 18.0#





#80

Benzo(a)anthracene

Concen: 17.33 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TP30-6-7FT

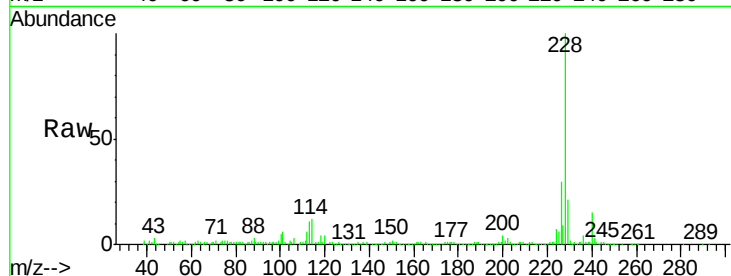
Tgt Ion:228 Resp: 282604

Ion Ratio Lower Upper

228 100

226 29.6 22.5 33.7

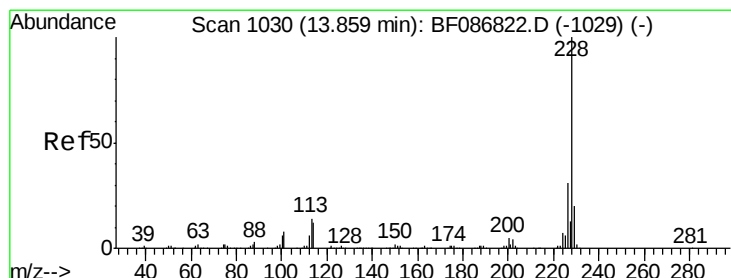
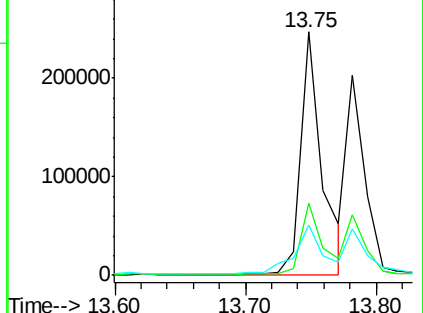
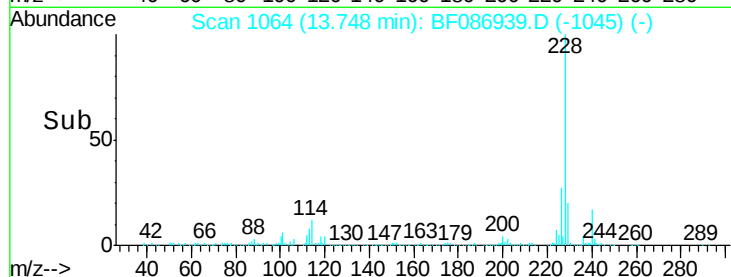
229 20.8 16.6 25.0



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: 12.10 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

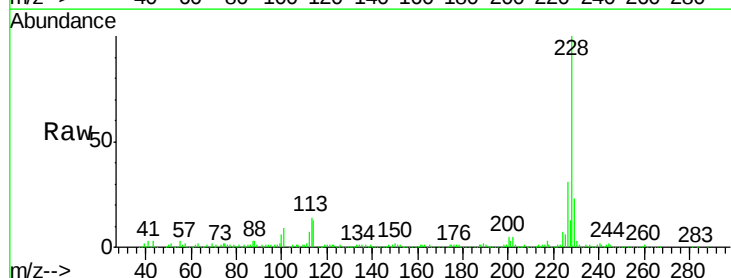
Tgt Ion:228 Resp: 200749

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

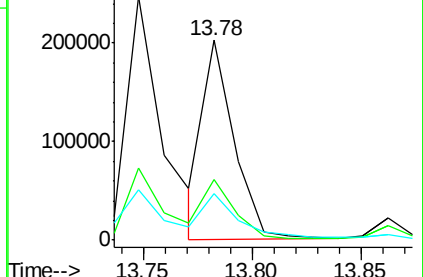
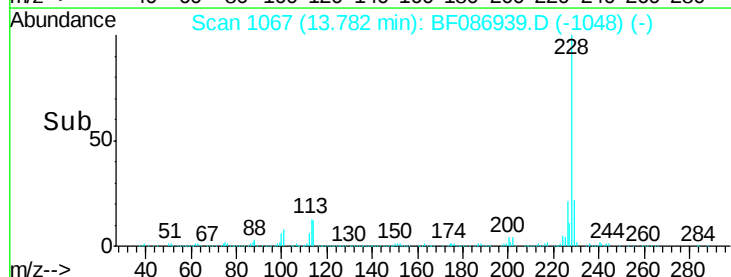
229 23.1 15.8 23.8

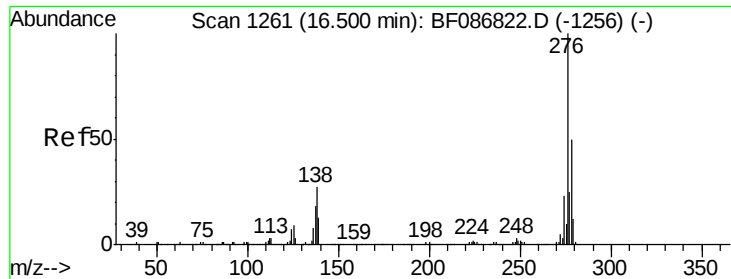


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

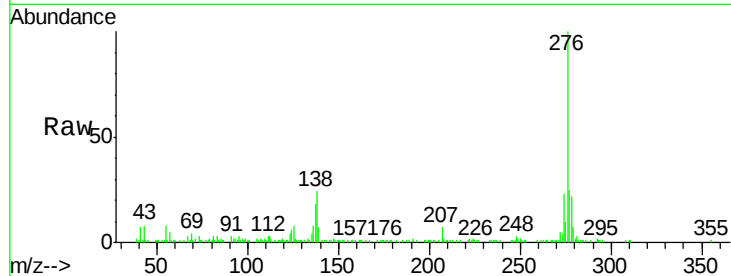




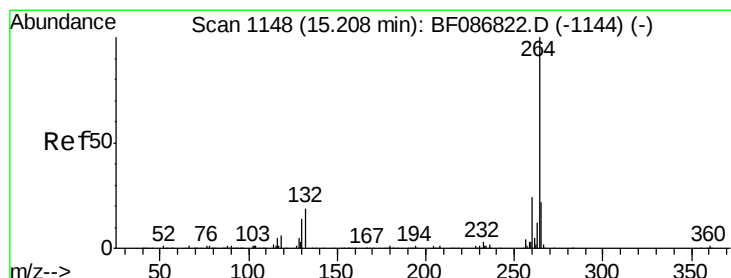
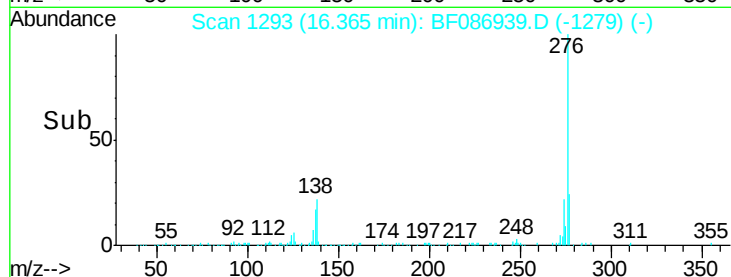
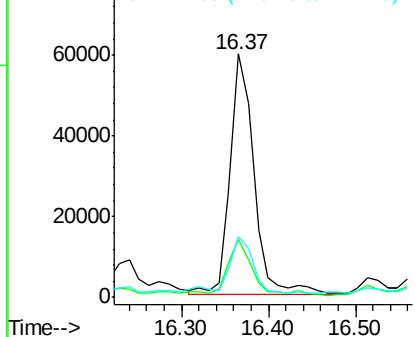
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.22 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.13 min
 Lab File: BF086939.D
 Acq: 12 May 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 TP30-6-7FT

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.6	38.4#
277	25.6	20.5	30.7

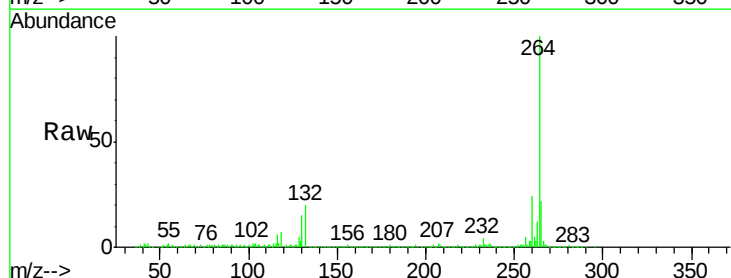


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

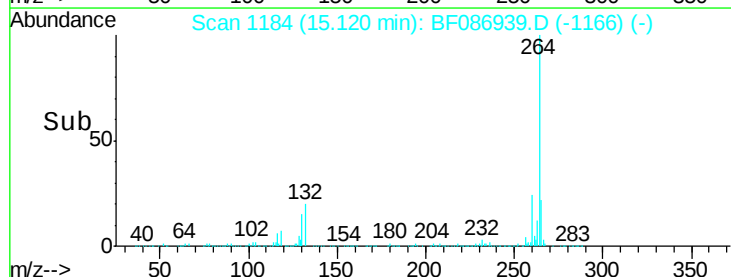
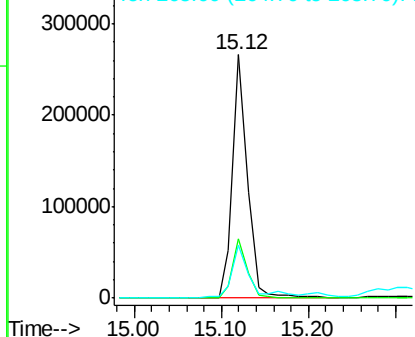


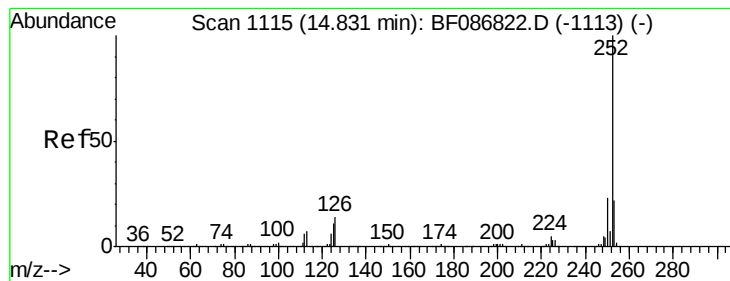
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.09 min
 Lab File: BF086939.D
 Acq: 12 May 2016 19:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.9	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: 18.13 ng

RT: 14.75 min Scan# 1152

Delta R.T. -0.08 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

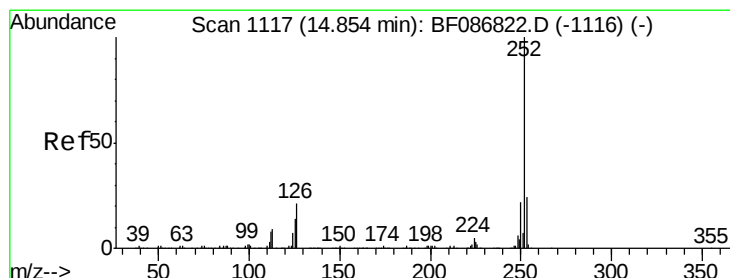
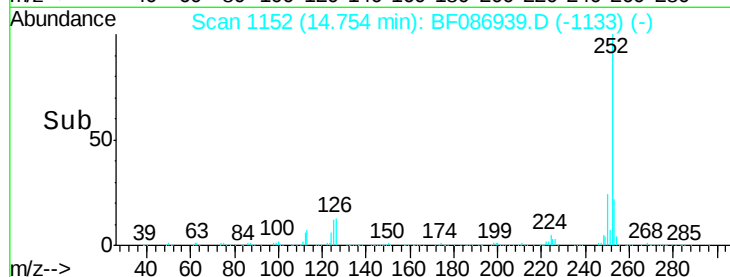
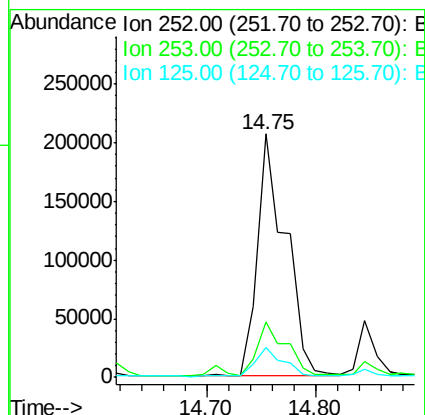
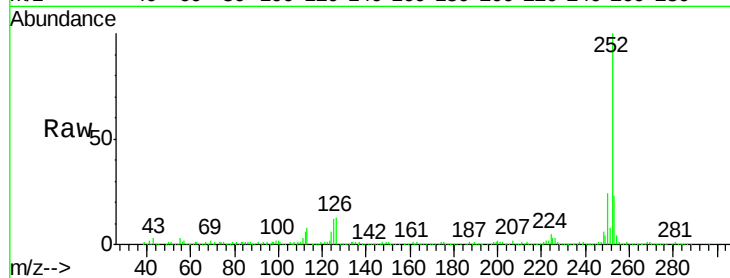
Instrument :

BNA_F

ClientSampleId :

TP30-6-7FT

Tgt Ion:	252	Resp:	372397
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.2	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 22.14 ng

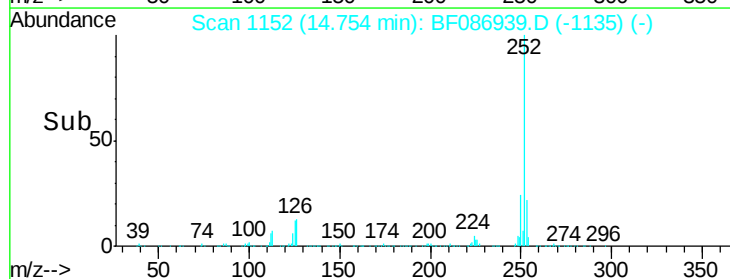
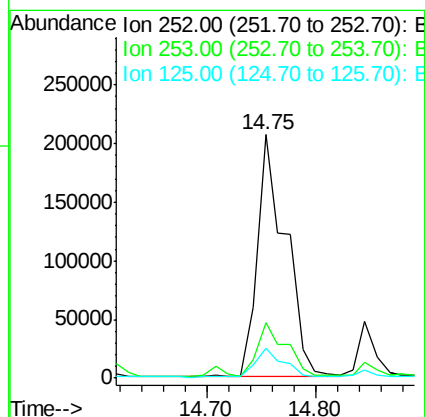
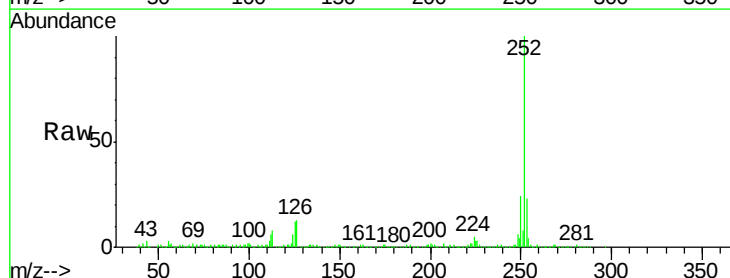
RT: 14.75 min Scan# 1152

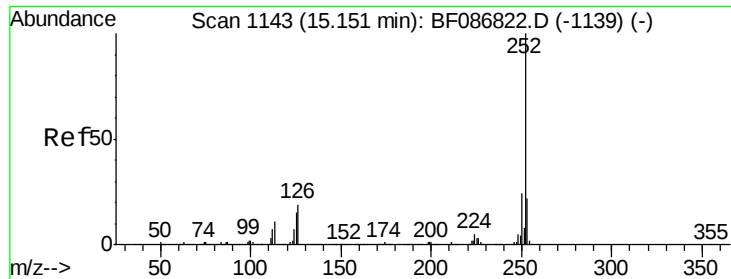
Delta R.T. -0.10 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Tgt Ion:	252	Resp:	372397
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.2	9.1	13.7





#89

Benzo(a)pyrene

Concen: 6.93 ng

RT: 15.02 min Scan# 1175

Delta R.T. -0.13 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

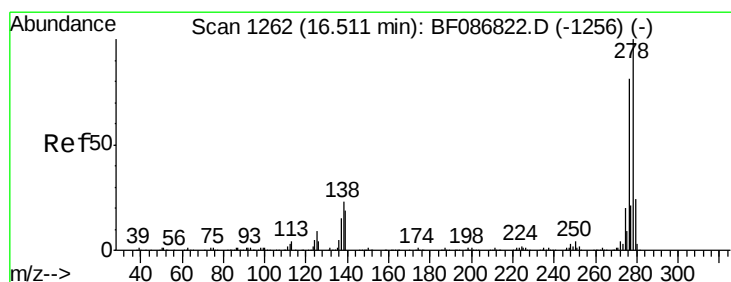
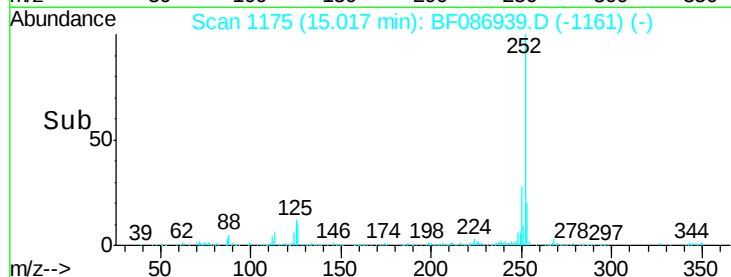
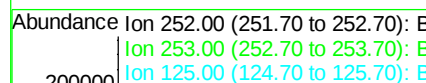
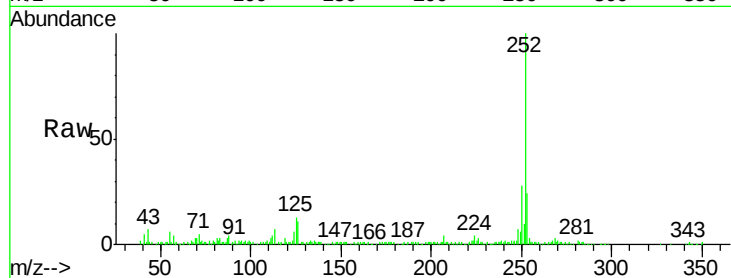
Instrument :

BNA_F

ClientSampleId :

TP30-6-7FT

Tgt Ion:	252	Resp:	122725
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	12.7	9.0	13.6



#90

Dibenzo(a,h)anthracene

Concen: 2.14 ng

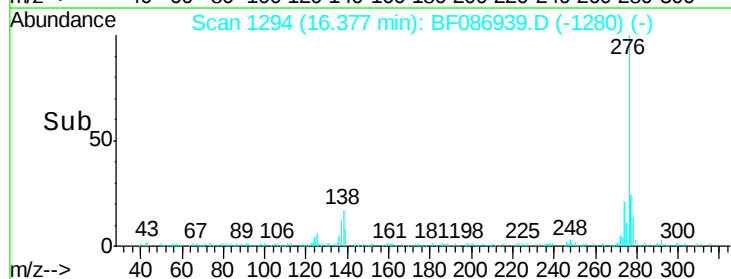
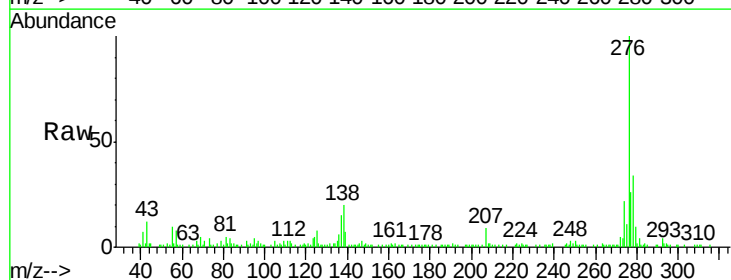
RT: 16.38 min Scan# 1294

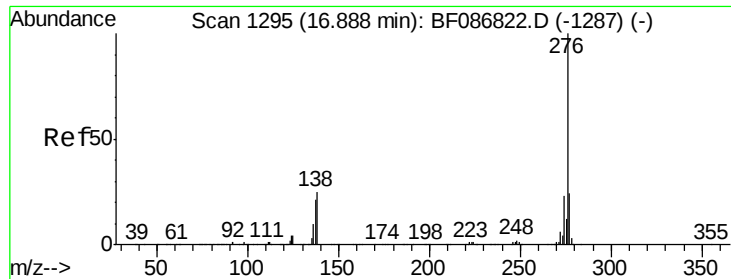
Delta R.T. -0.13 min

Lab File: BF086939.D

Acq: 12 May 2016 19:23

Tgt Ion:	278	Resp:	31982
Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.6	24.8
279	29.0	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 5.87 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. -0.15 min
 Lab File: BF086939.D
 Acq: 12 May 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 TP30-6-7FT

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	20.1	23.6	35.4

