

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085869.D
 Acq On : 30 Mar 2016 00:46
 Operator : UM/SJ
 Sample : H2008-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: Mar 30 01:17:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111957	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	431928	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	162795	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	262847	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	242900	20.00	ng	-0.01
86) Perylene-d12	15.39	264	188216	20.00	ng	-0.01

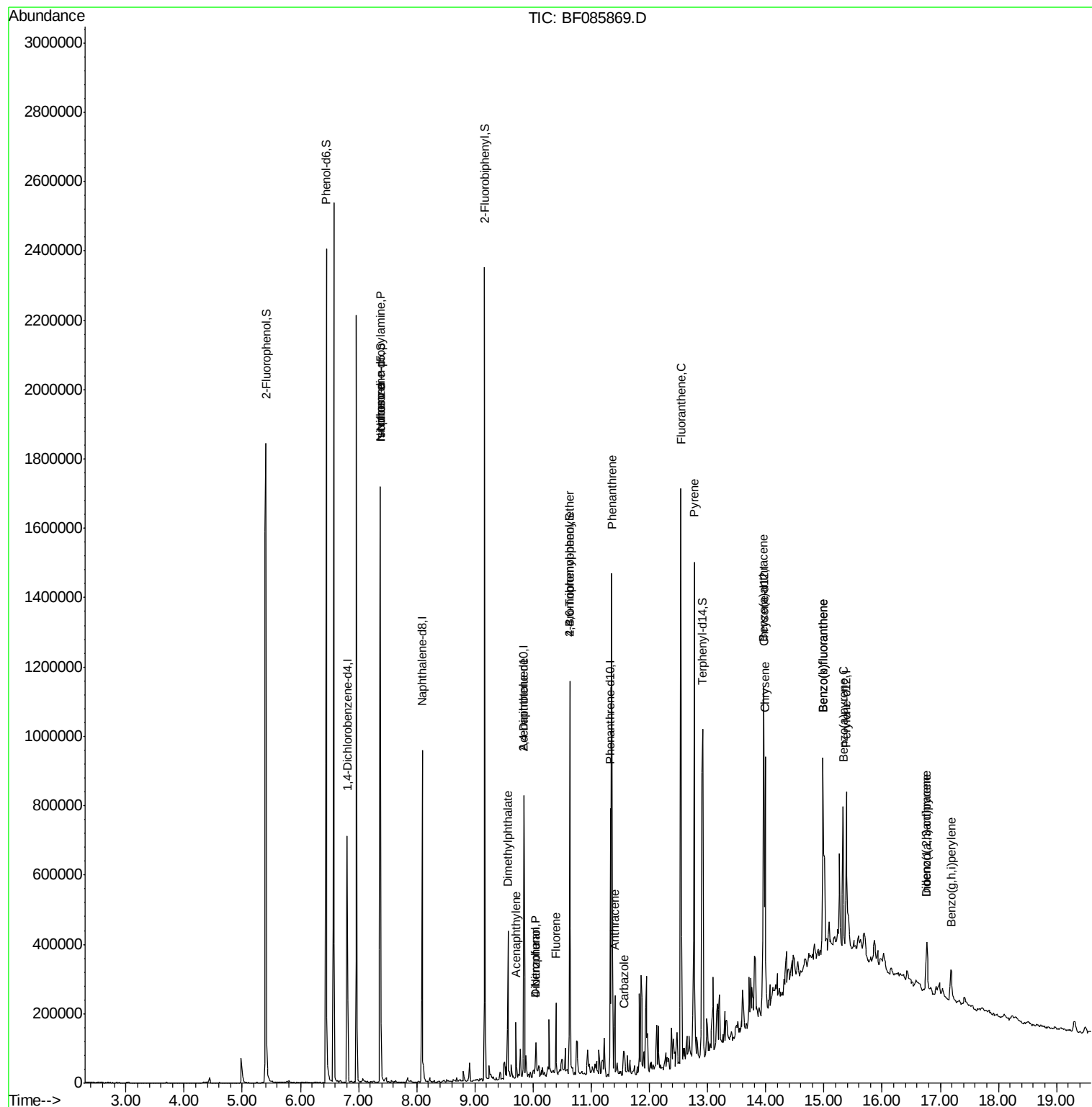
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	801571	119.24	ng	0.00
7) Phenol-d6	6.45	99	948175	110.93	ng	-0.01
23) Nitrobenzene-d5	7.37	82	565726	73.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	133203	86.12	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	651834	66.90	ng	-0.02
78) Terphenyl-d14	12.92	244	401942	34.03	ng	-0.01

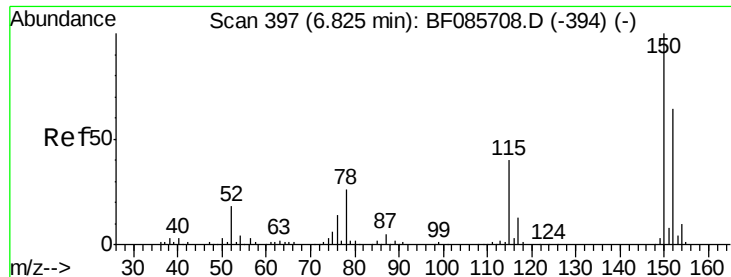
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	75275	14.71	ng	# 79
25) Isophorone	7.37	82	468560	31.71	ng	# 68
37) 2-Methylnaphthalene	8.80	142	10407	Below	Cal	94
48) Acenaphthylene	9.70	152	61860	3.76	ng	99
49) Dimethylphthalate	9.57	163	174498	14.13	ng	99
54) Dibenzofuran	10.05	168	26568	2.04	ng	# 90
55) 4-Nitrophenol	10.05	139	12302	6.21	ng	# 15
56) 2,4-Dinitrotoluene	9.84	165	22304	6.60	ng	# 37
57) Fluorene	10.39	166	54594	5.05	ng	98
66) 4-Bromophenyl-phenylether	10.63	248	8126	3.02	ng	# 1
70) Phenanthrene	11.35	178	539161	39.95	ng	99
71) Anthracene	11.41	178	116034	8.19	ng	98
72) Carbazole	11.57	167	35737	3.00	ng	98
74) Fluoranthene	12.54	202	632788	44.11	ng	97
77) Pyrene	12.77	202	548271	27.46	ng	99
80) Benzo(a)anthracene	13.96	228	343289	24.79	ng	96
82) Chrysene	13.99	228	231429	16.59	ng	98
85) Indeno(1,2,3-cd)pyrene	16.77	276	87119	8.09	ng	94
87) Benzo(b)fluoranthene	14.99	252	392217	33.08	ng	99
88) Benzo(k)fluoranthene	14.99	252	392217	36.69	ng	# 96
89) Benzo(a)pyrene	15.33	252	183309	17.41	ng	97
90) Dibenz(a,h)anthracene	16.77	278	26134	2.67	ng	# 81
91) Benzo(g,h,i)perylene	17.19	276	77008	7.77	ng	95

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

```
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Acq On    : 30 Mar 2016   00:46
Operator  : UM/SJ
Sample    : H2008-02
Misc      :
ALS Vial  : 18      Sample Multiplier: 1
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Quant Time: Mar 30 01:17:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

TP-14

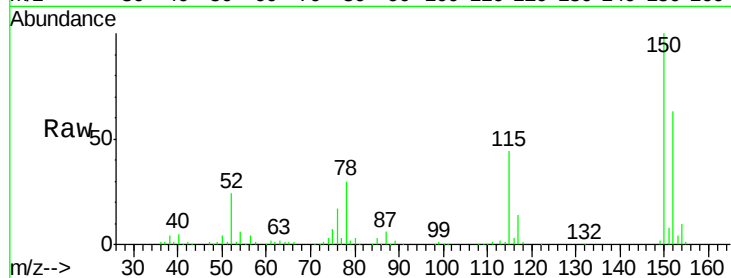
Tgt Ion:152 Resp: 111957

Ion Ratio Lower Upper

152 100

150 158.3 124.2 186.2

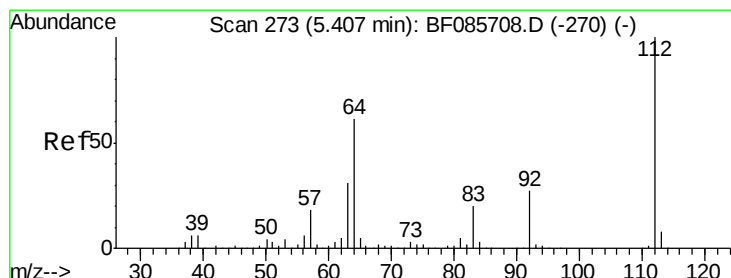
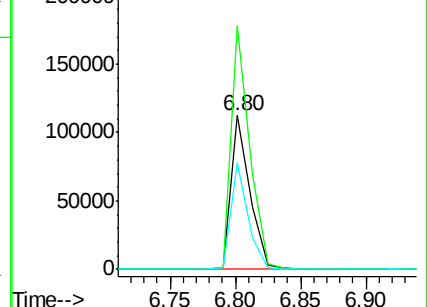
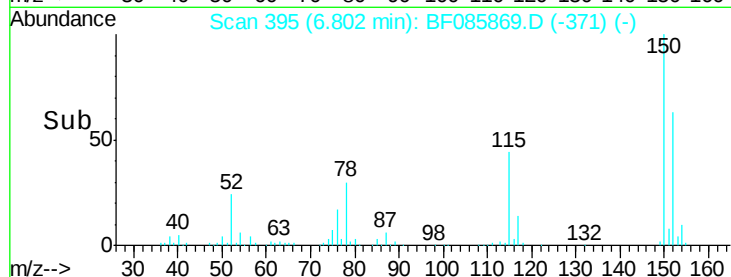
115 69.0 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 119.24 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

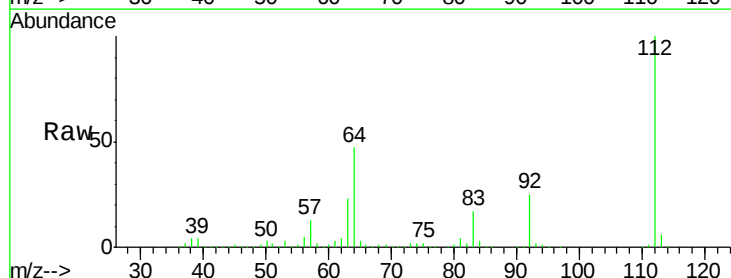
Tgt Ion:112 Resp: 801571

Ion Ratio Lower Upper

112 100

64 46.6 39.9 59.9

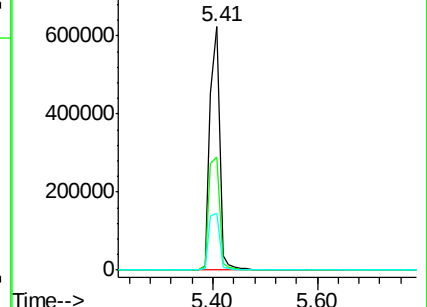
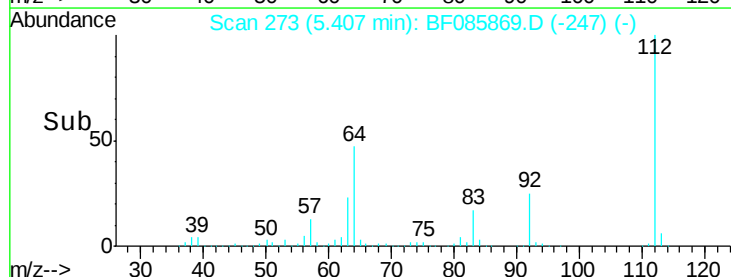
63 23.3 20.2 30.2

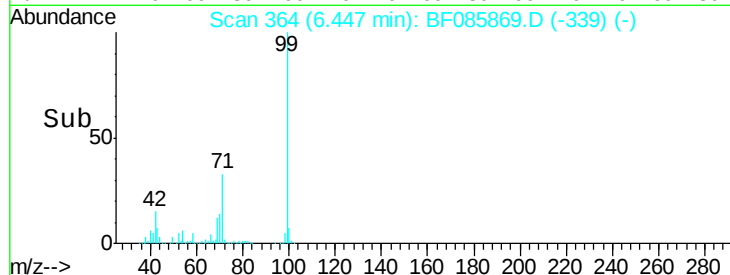
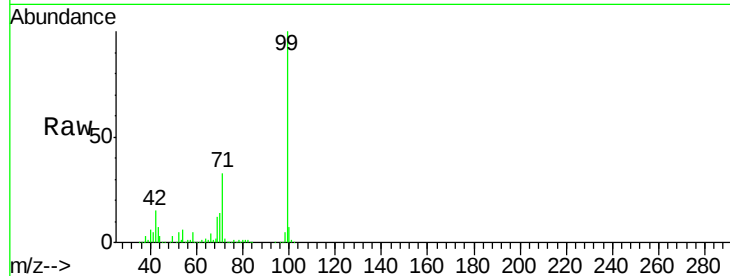


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.93 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

TP-14

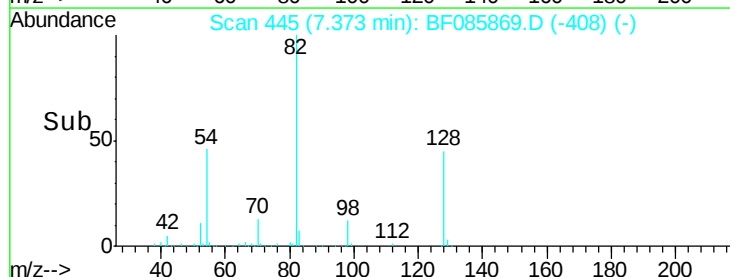
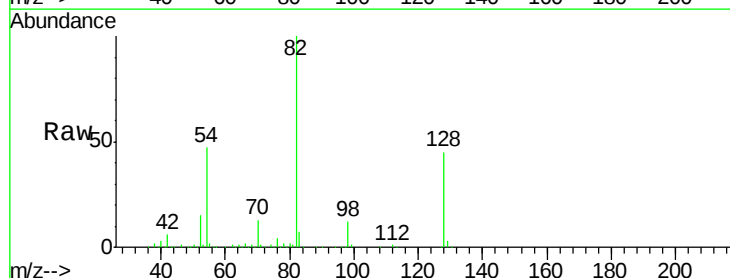
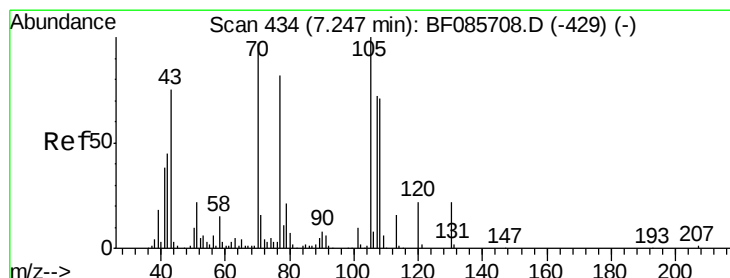
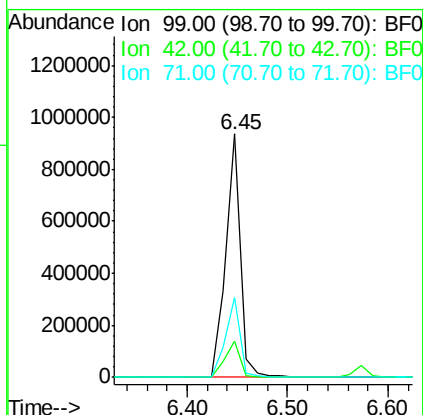
Tgt Ion: 99 Resp: 948175

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

71 32.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.71 ng

RT: 7.37 min Scan# 445

Delta R.T. 0.13 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

Tgt Ion: 70 Resp: 75275

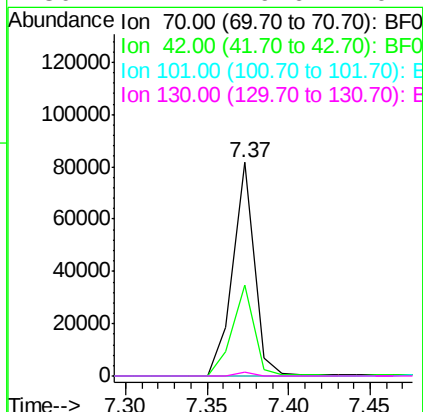
Ion Ratio Lower Upper

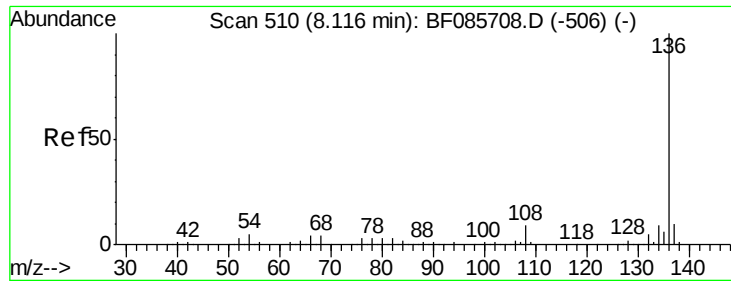
70 100

42 42.5 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 19.6 29.4#

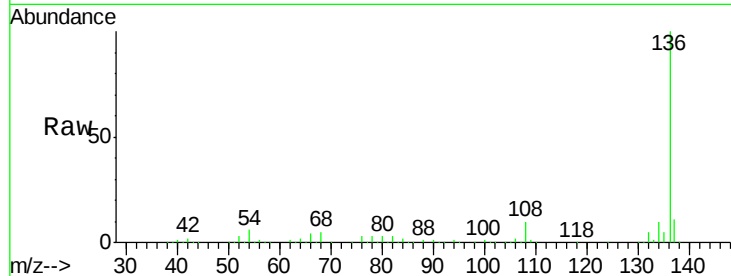




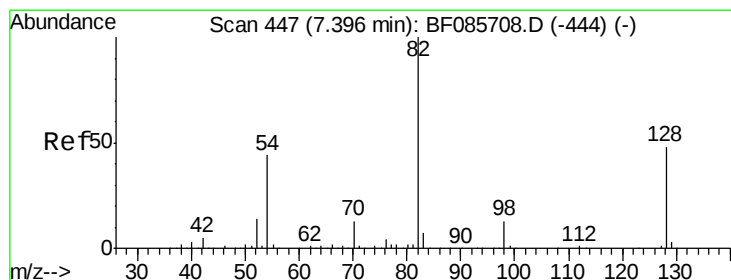
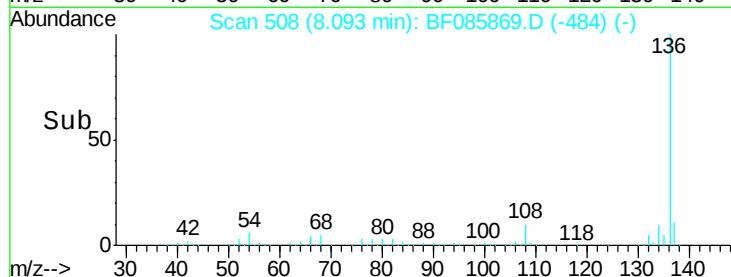
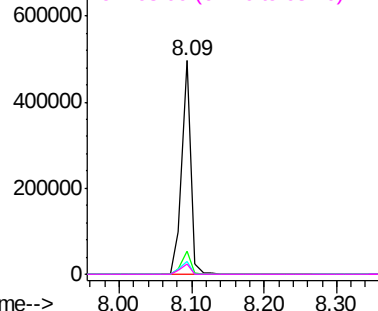
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085869.D
Acq: 30 Mar 2016 00:46

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:	136	Resp:	431928
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.9	7.4	11.0#
68	4.9	5.8	8.8#

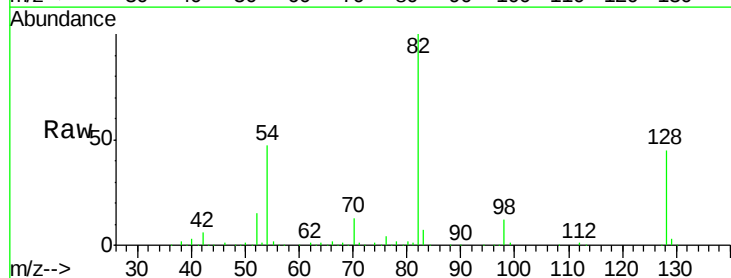


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

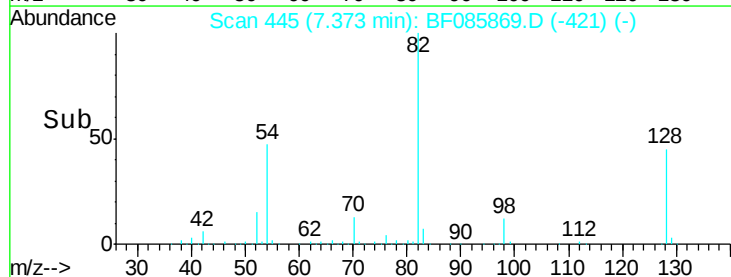
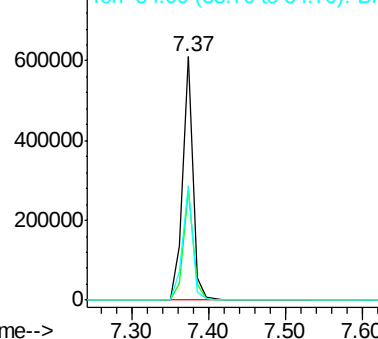


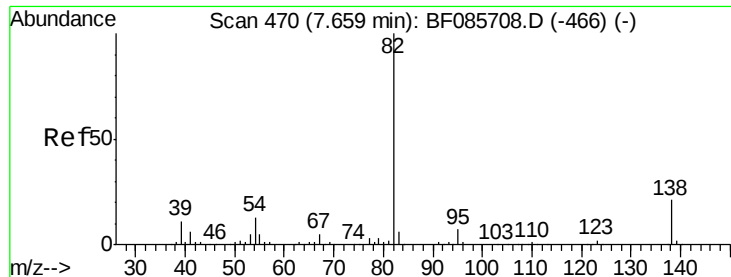
#23
Nitrobenzene-d5
Concen: 73.76 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085869.D
Acq: 30 Mar 2016 00:46

Tgt Ion:	82	Resp:	565726
Ion	Ratio	Lower	Upper
82	100		
128	44.8	41.8	62.8
54	46.8	33.4	50.0



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





#25

Isophorone

Concen: 31.71 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.29 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

TP-14

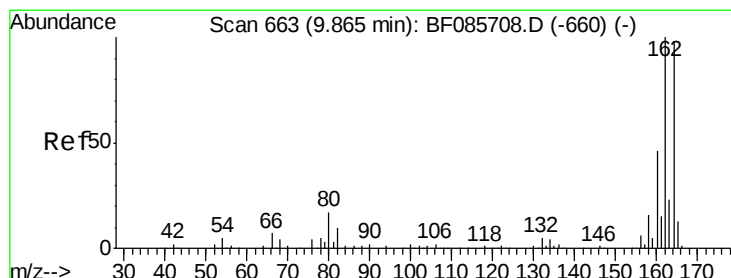
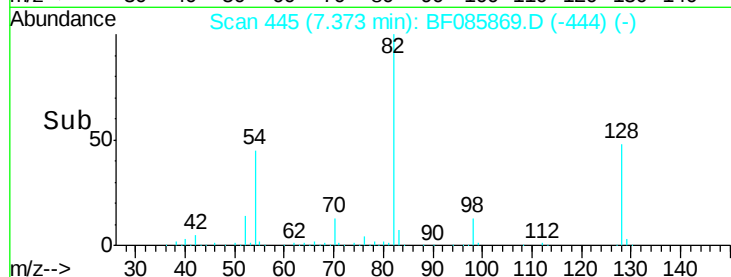
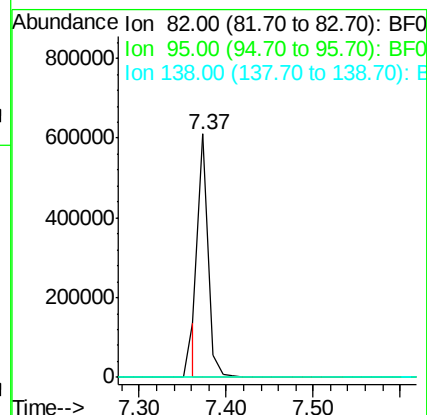
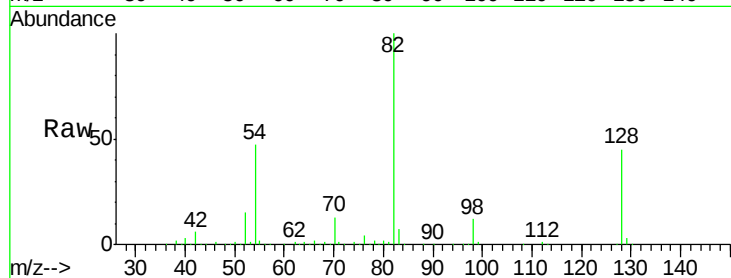
Tgt Ion: 82 Resp: 468560

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

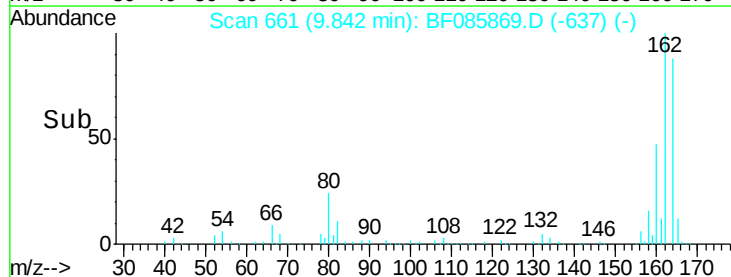
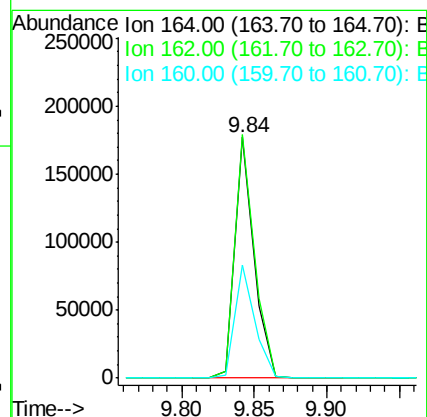
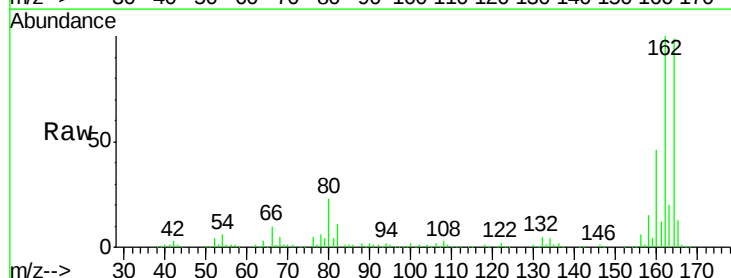
Tgt Ion: 164 Resp: 162795

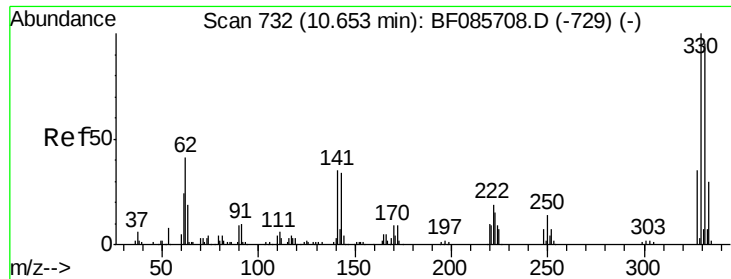
Ion Ratio Lower Upper

164 100

162 101.0 82.1 123.1

160 46.8 37.4 56.2

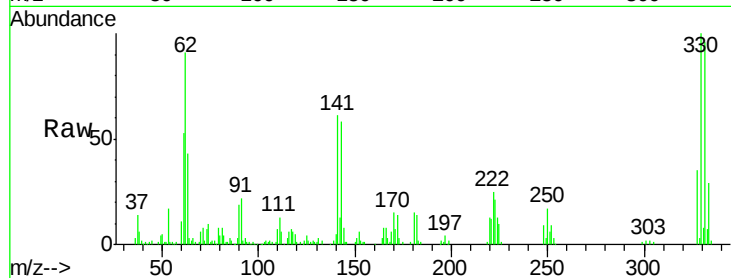




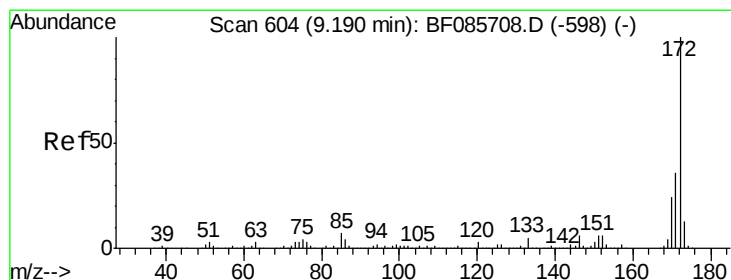
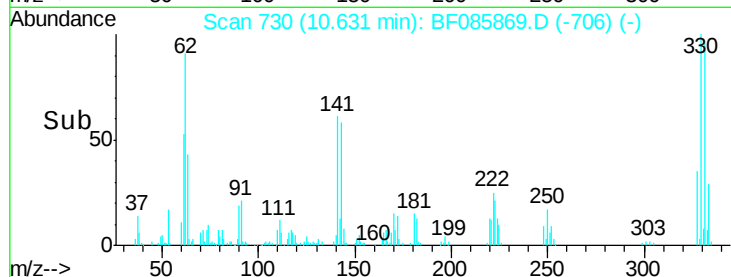
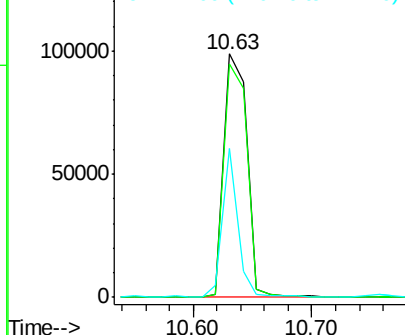
#41
 2,4,6-Tribromophenol
 Concen: 86.12 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.02 min
 Lab File: BF085869.D
 Acq: 30 Mar 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tgt Ion:330 Resp: 133203
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 42.0 31.5 47.3

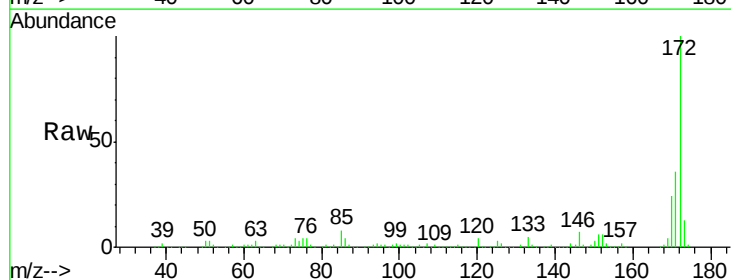


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

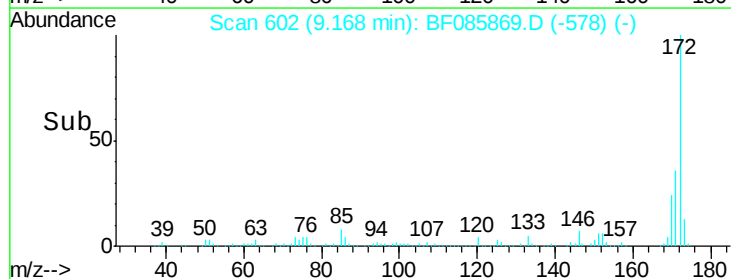
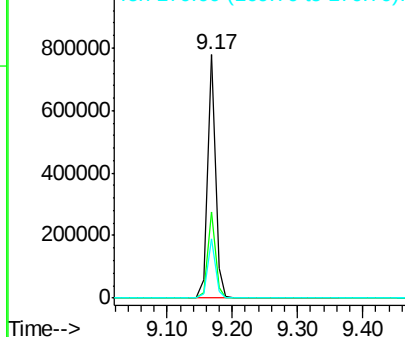


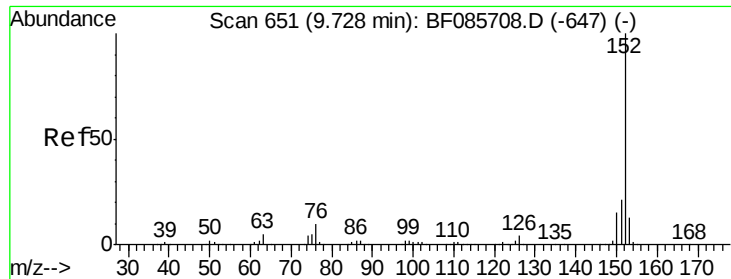
#44
 2-Fluorobiphenyl
 Concen: 66.90 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085869.D
 Acq: 30 Mar 2016 00:46

Tgt Ion:172 Resp: 651834
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.2 19.8 29.6



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: 3.76 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

TP-14

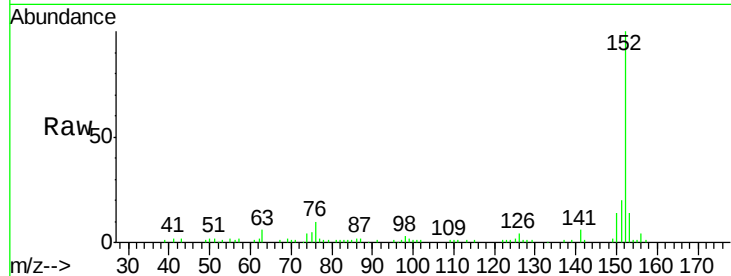
Tgt Ion:152 Resp: 61860

Ion Ratio Lower Upper

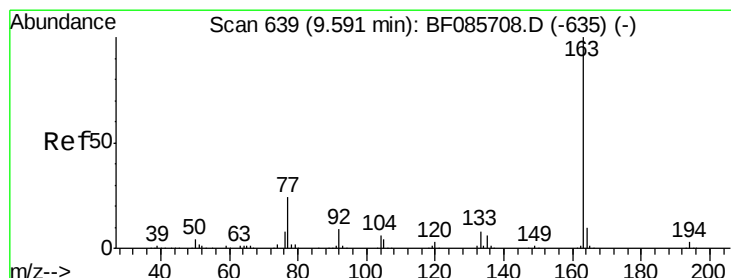
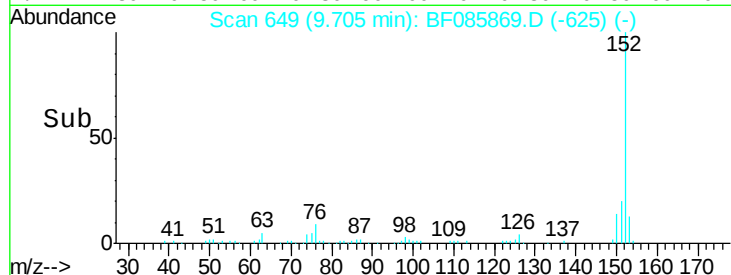
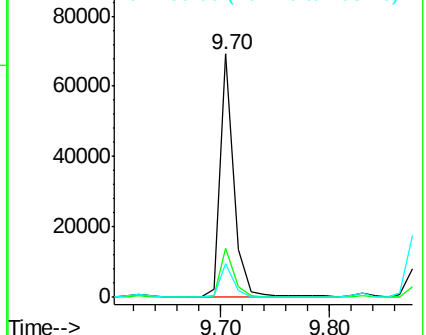
152 100

151 20.2 16.8 25.2

153 13.8 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: 14.13 ng

RT: 9.57 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

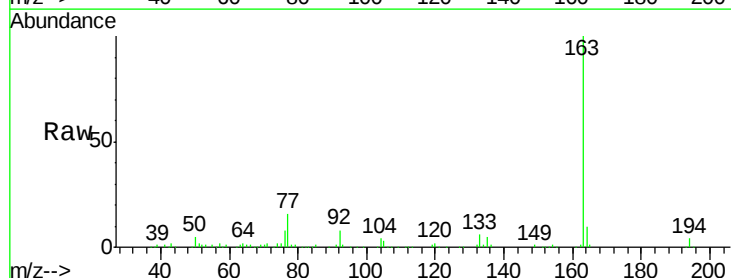
Tgt Ion:163 Resp: 174498

Ion Ratio Lower Upper

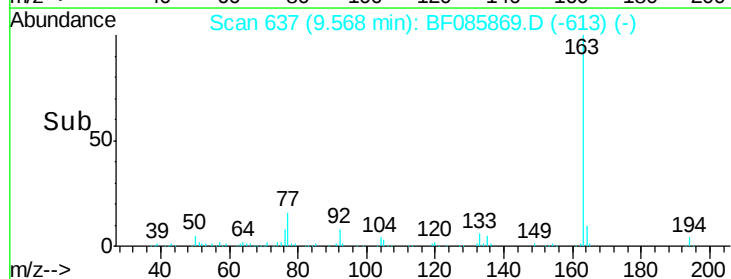
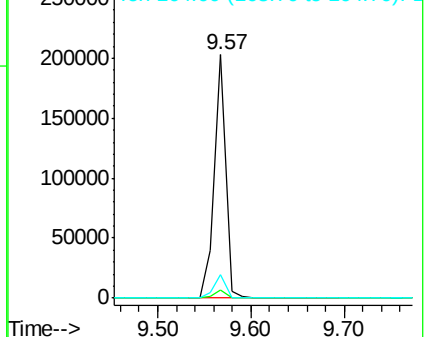
163 100

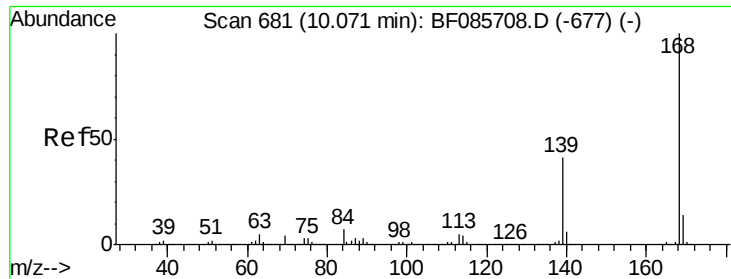
194 3.5 2.9 4.3

164 9.9 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

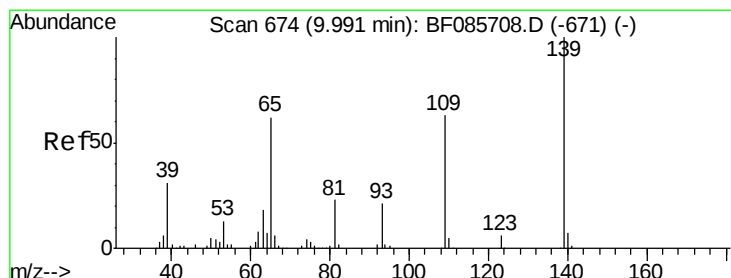
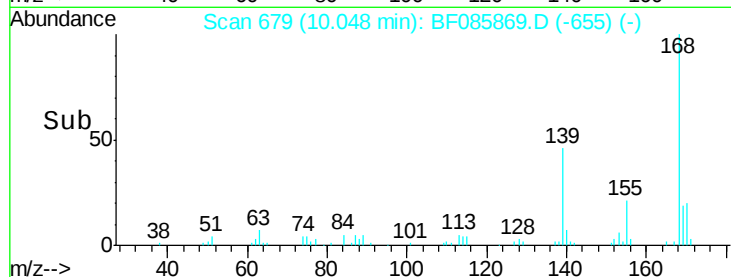
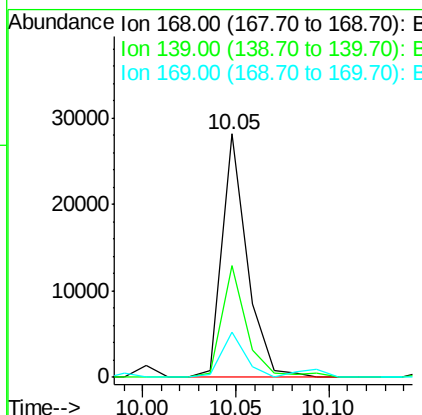
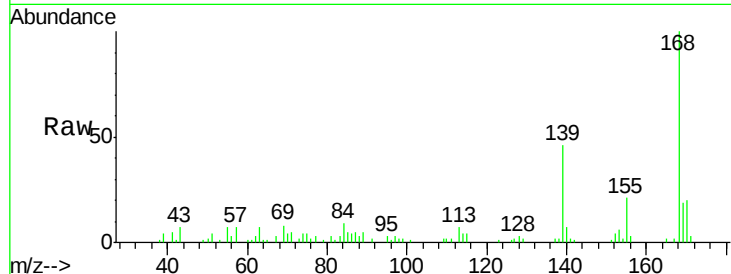




#54
Dibenzenofuran
Concen: 2.04 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF085869.D
Acq: 30 Mar 2016 00:46

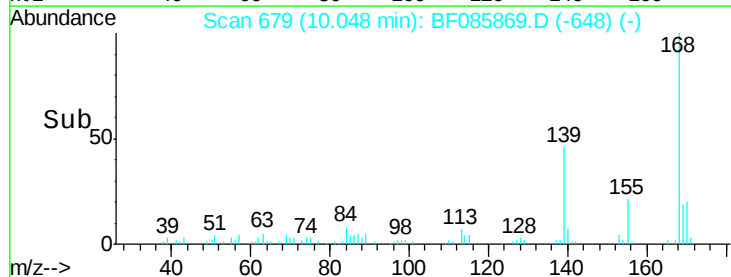
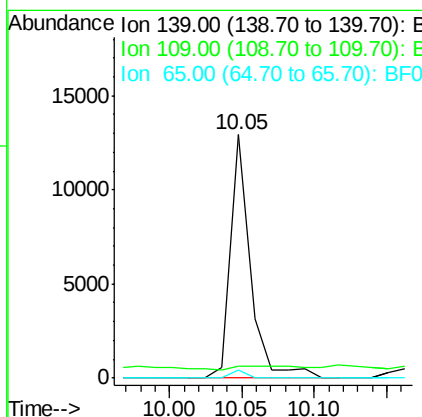
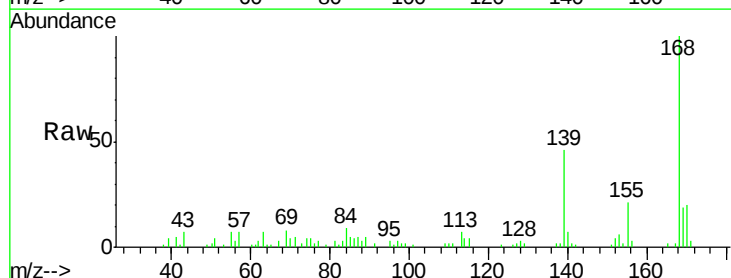
Instrument :
BNA_F
ClientSampleId :
TP-14

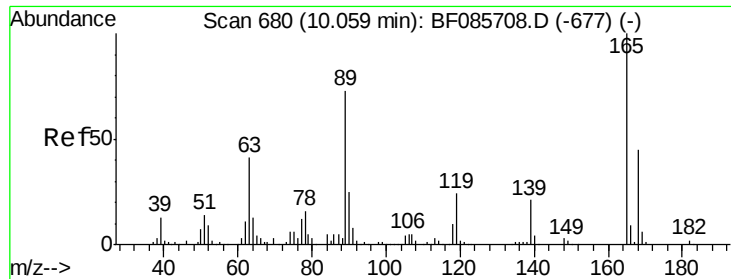
Tgt Ion:168 Resp: 26568
Ion Ratio Lower Upper
168 100
139 45.9 31.9 47.9
169 18.7 11.0 16.6#



#55
4-Nitrophenol
Concen: 6.21 ng
RT: 10.05 min Scan# 679
Delta R.T. 0.06 min
Lab File: BF085869.D
Acq: 30 Mar 2016 00:46

Tgt Ion:139 Resp: 12302
Ion Ratio Lower Upper
139 100
109 4.9 49.2 89.2#
65 3.1 66.9 106.9#

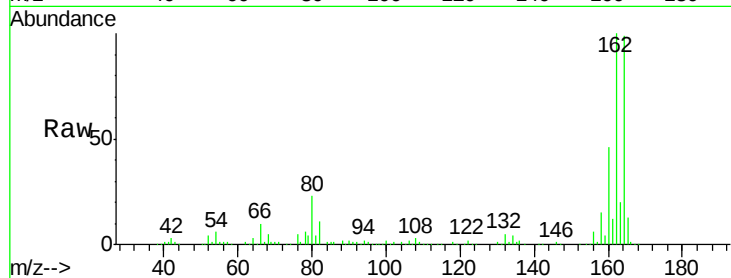




#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.22 min
Lab File: BF085869.D
Acq: 30 Mar 2016 00:46

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	24.9	37.3#
89	1.3	41.0	61.6#
182	0.0	2.1	3.1#

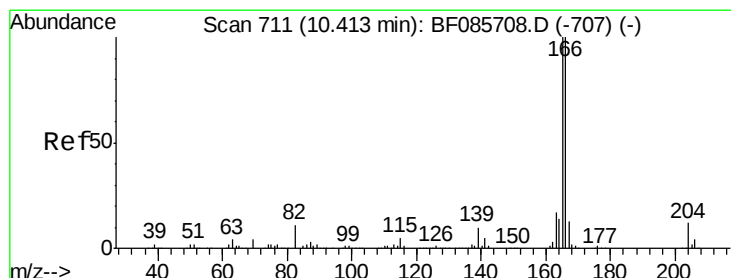
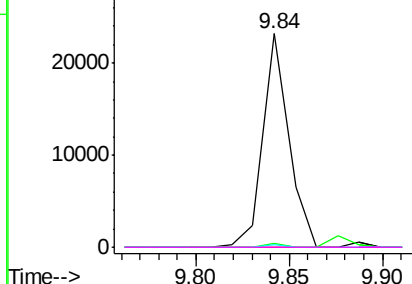
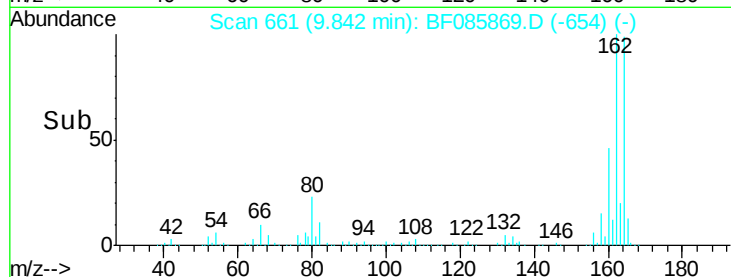


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

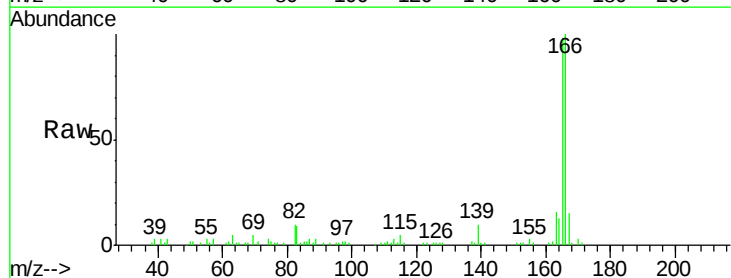
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 5.05 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF085869.D
Acq: 30 Mar 2016 00:46

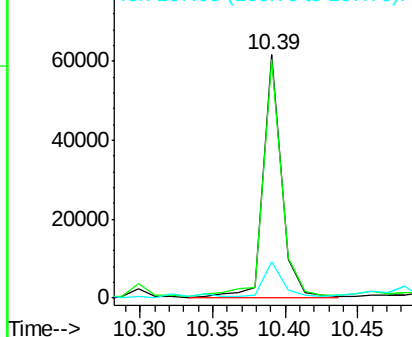
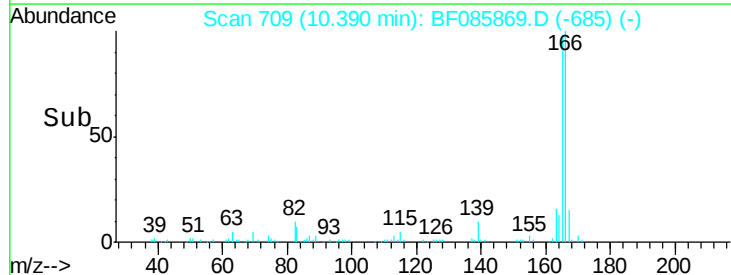
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.4	119.0
167	14.7	11.0	16.4

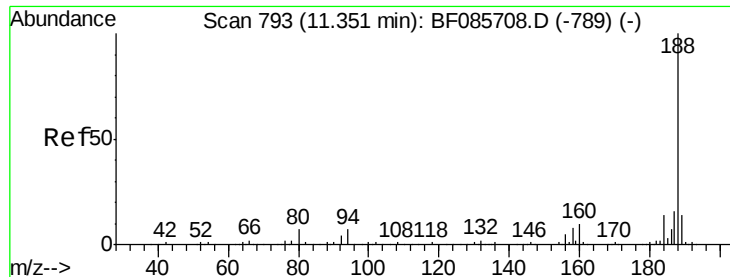


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

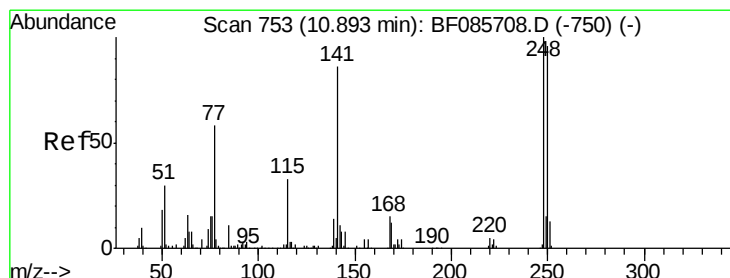
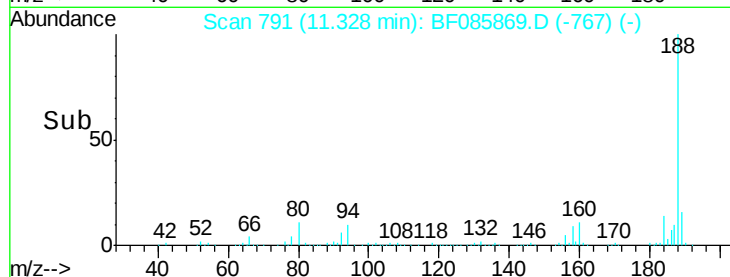
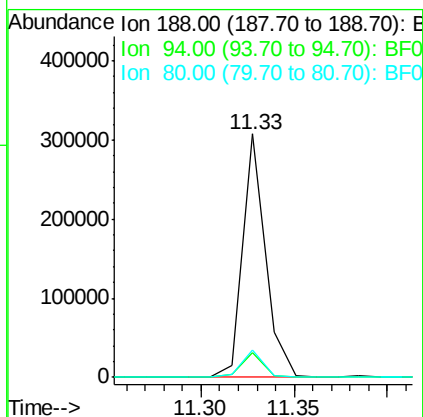
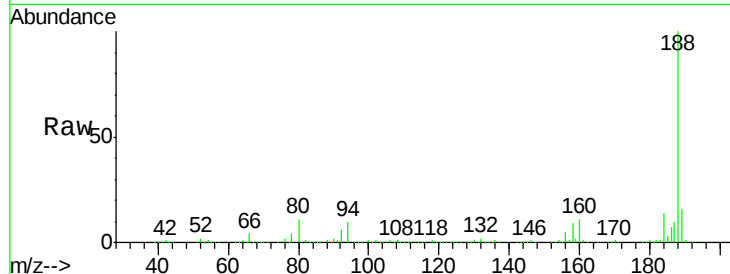




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF085869.D
 Acq: 30 Mar 2016 00:46

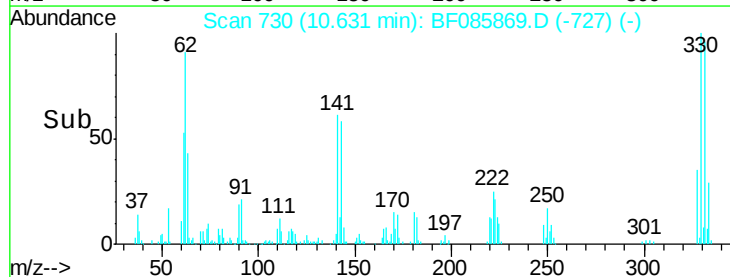
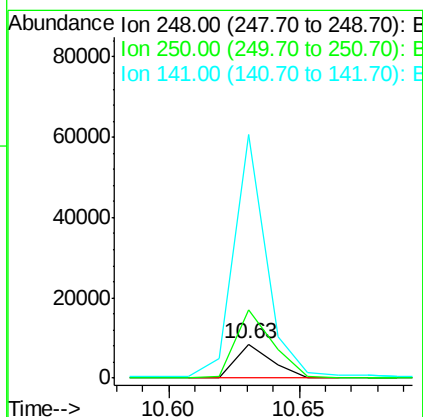
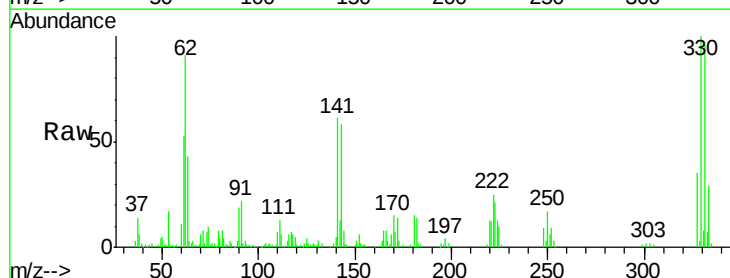
Instrument :
 BNA_F
 ClientSampleId :
 TP-14

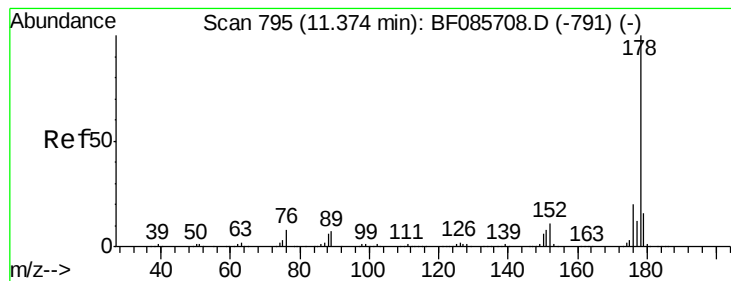
Tgt Ion:188 Resp: 262847
 Ion Ratio Lower Upper
 188 100
 94 10.3 5.4 8.0#
 80 11.4 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.02 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.26 min
 Lab File: BF085869.D
 Acq: 30 Mar 2016 00:46

Tgt Ion:248 Resp: 8126
 Ion Ratio Lower Upper
 248 100
 250 199.2 77.4 116.0#
 141 714.4 63.6 95.4#





#70

Phenanthrene

Concen: 39.95 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

TP-14

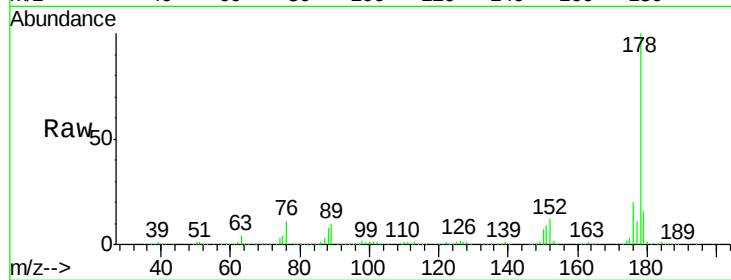
Tgt Ion:178 Resp: 539161

Ion Ratio Lower Upper

178 100

176 20.1 16.3 24.5

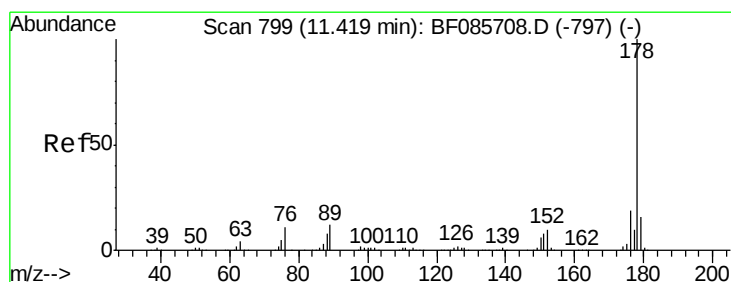
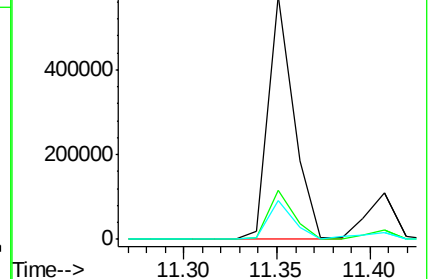
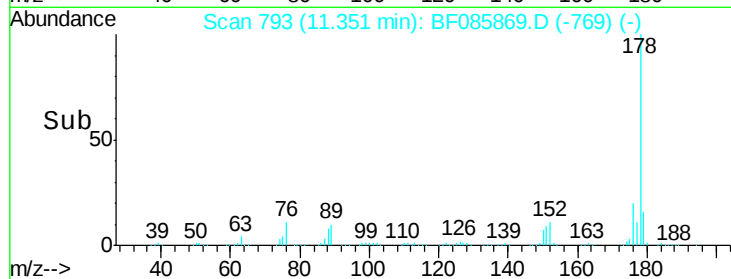
179 15.9 12.6 18.8



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: 8.19 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

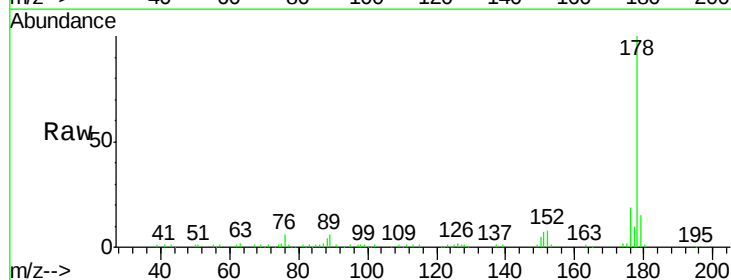
Tgt Ion:178 Resp: 116034

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

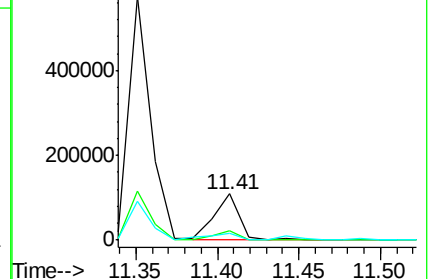
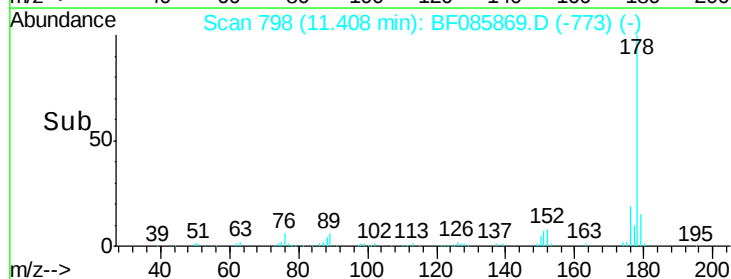
179 15.2 13.0 19.4

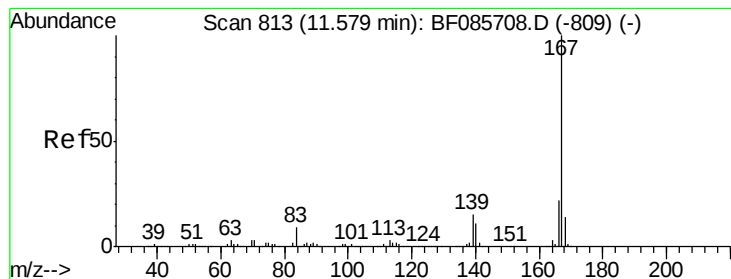


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.00 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

TP-14

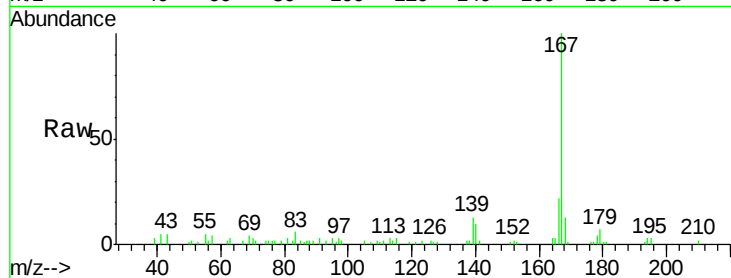
Tgt Ion:167 Resp: 35737

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.8

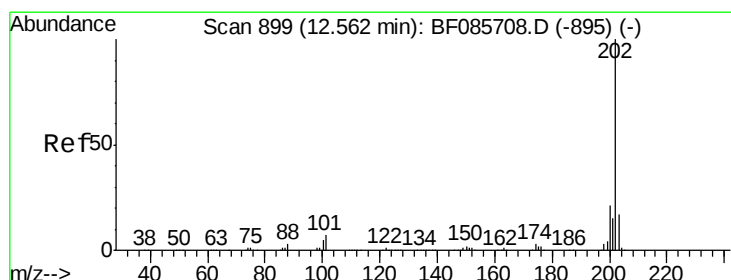
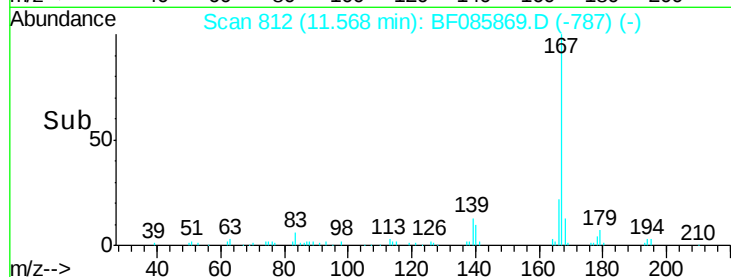
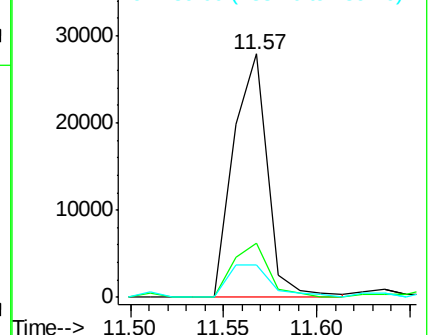
139 13.1 11.6 17.4



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: 44.11 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

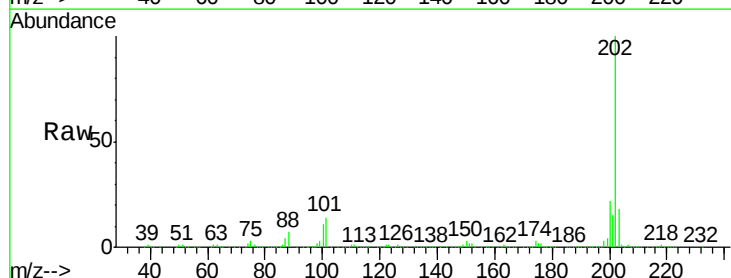
Tgt Ion:202 Resp: 632788

Ion Ratio Lower Upper

202 100

101 14.5 0.0 36.6

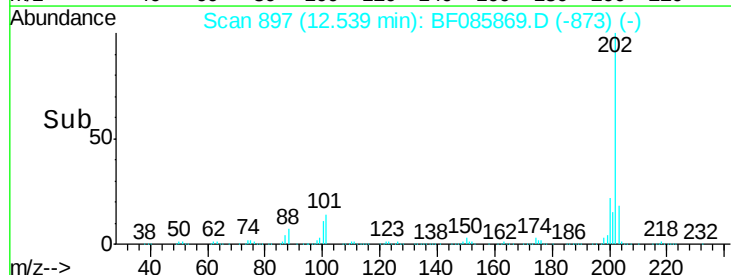
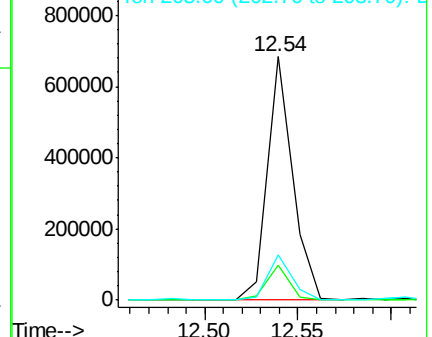
203 18.3 0.0 38.1

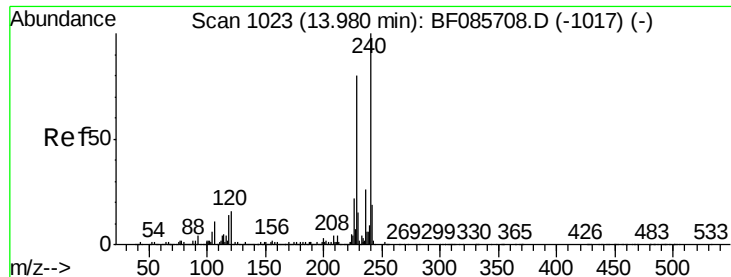


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

TP-14

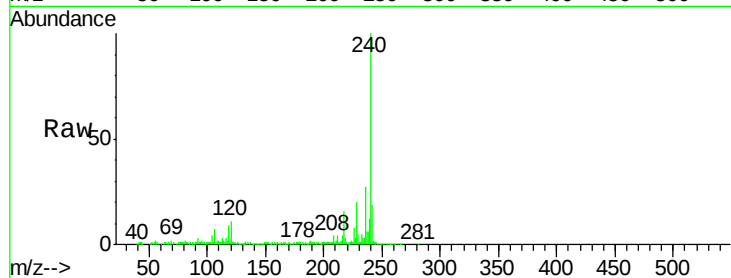
Tgt Ion:240 Resp: 242900

Ion Ratio Lower Upper

240 100

120 10.8 13.8 20.8#

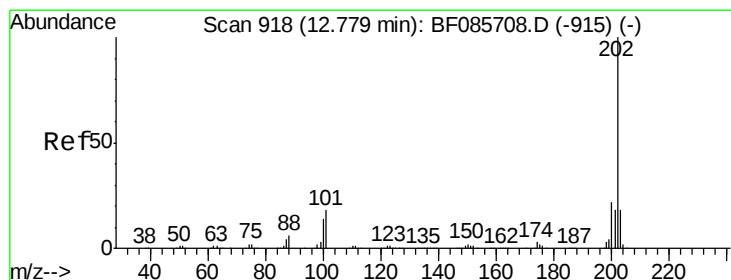
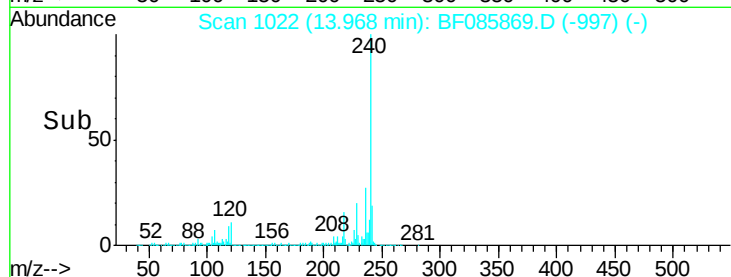
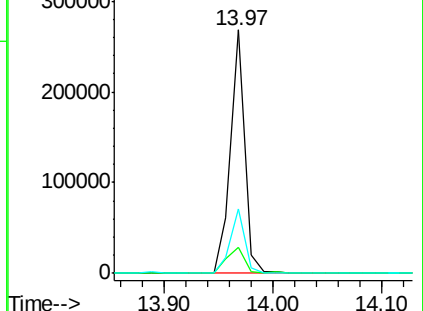
236 26.6 20.6 30.8



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: 27.46 ng

RT: 12.77 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

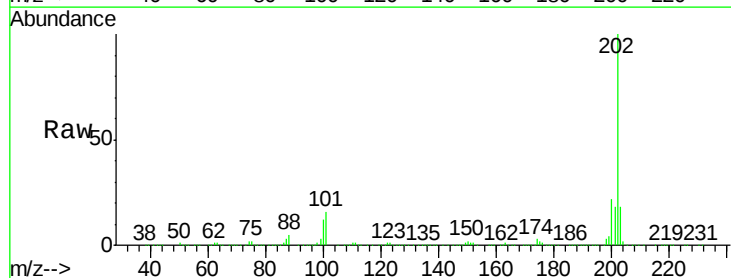
Tgt Ion:202 Resp: 548271

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

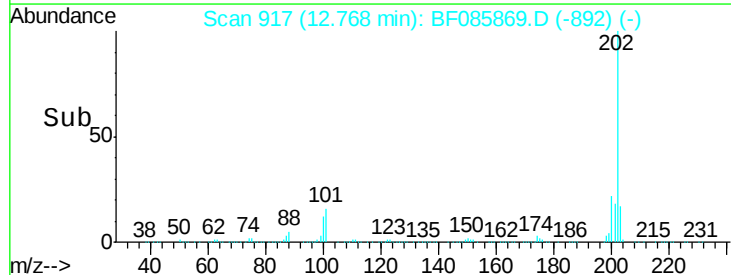
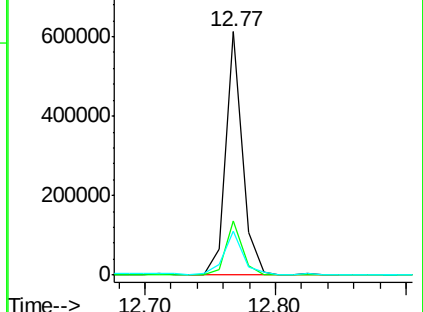
203 17.9 14.0 21.0

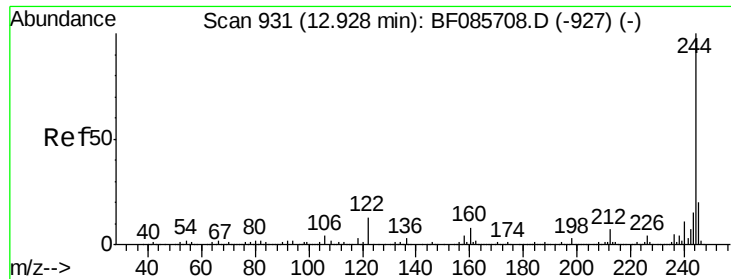


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

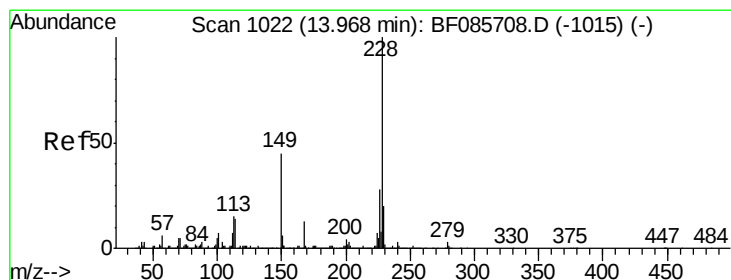
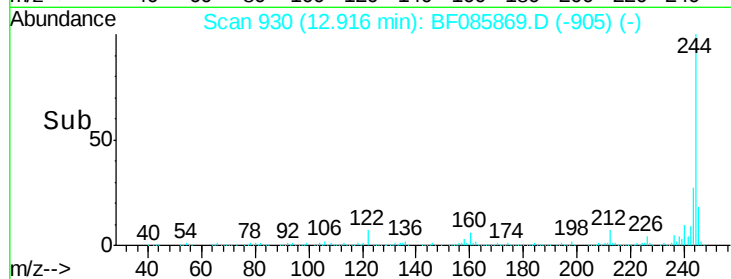
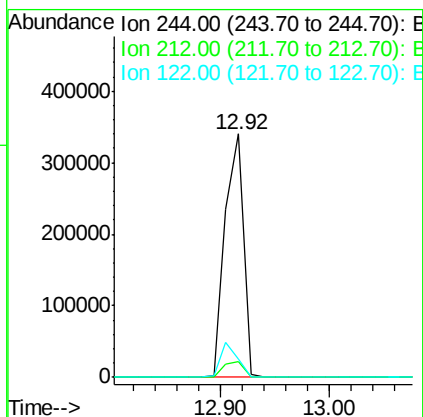
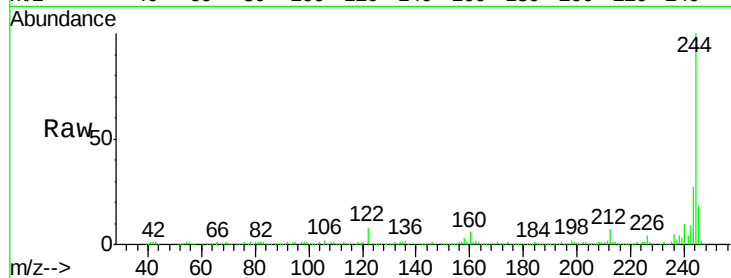




#78
 Terphenyl-d14
 Concen: 34.03 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085869.D
 Acq: 30 Mar 2016 00:46

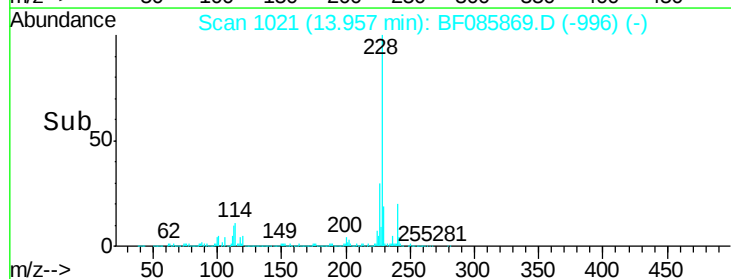
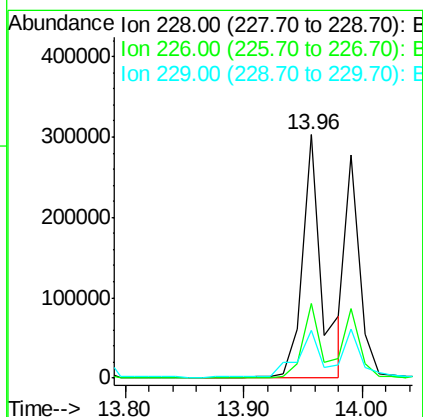
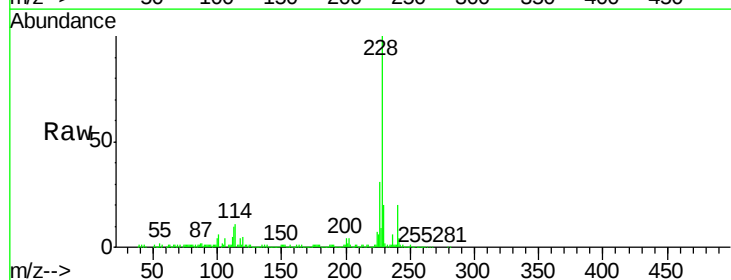
Instrument :
 BNA_F
 ClientSampleId :
 TP-14

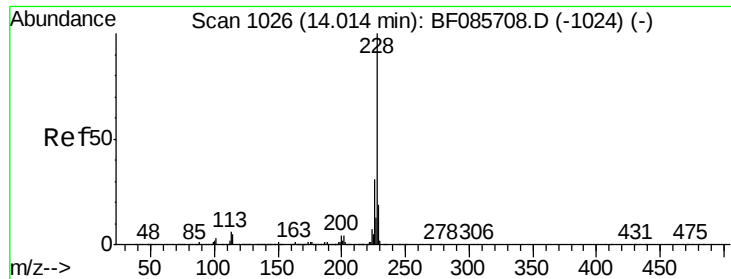
Tgt Ion:244 Resp: 401942
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 7.6 10.2 15.4#



#80
 Benzo(a)anthracene
 Concen: 24.79 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085869.D
 Acq: 30 Mar 2016 00:46

Tgt Ion:228 Resp: 343289
 Ion Ratio Lower Upper
 228 100
 226 30.6 22.1 33.1
 229 19.8 16.2 24.4





#82

Chrysene

Concen: 16.59 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

TP-14

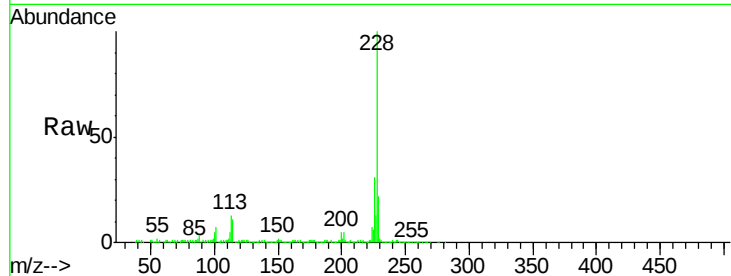
Tgt Ion:228 Resp: 231429

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

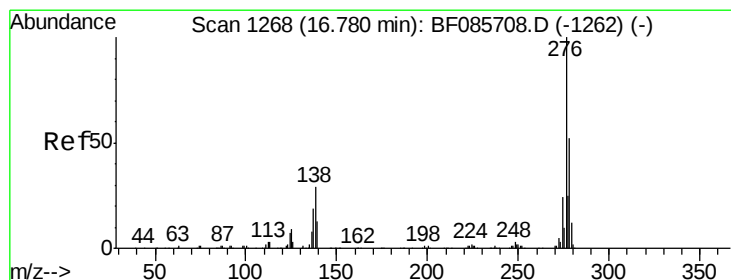
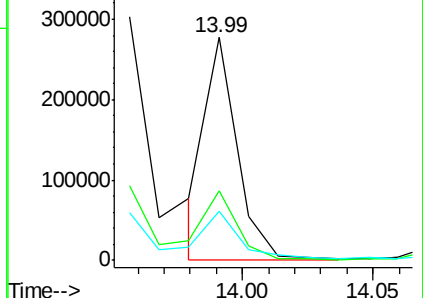
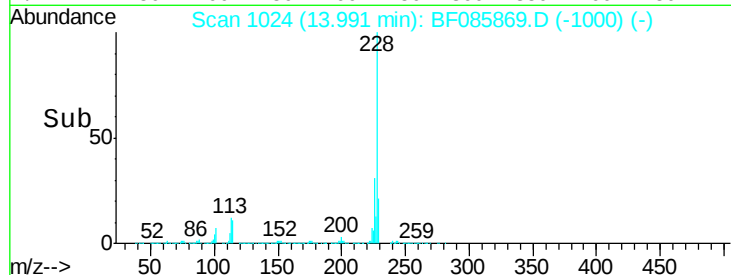
229 21.8 15.7 23.5



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: 8.09 ng

RT: 16.77 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

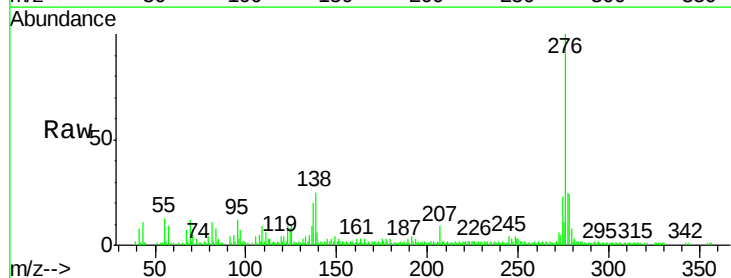
Tgt Ion:276 Resp: 87119

Ion Ratio Lower Upper

276 100

138 25.8 24.2 36.4

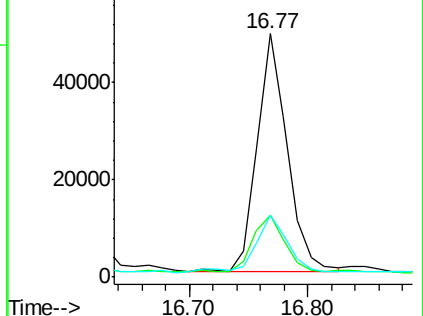
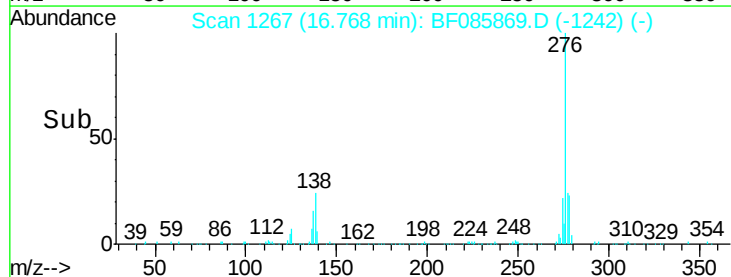
277 26.2 20.0 30.0

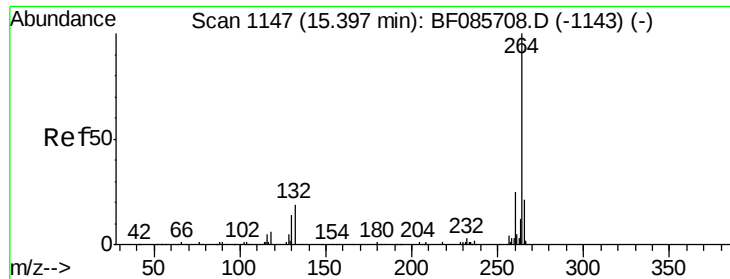


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

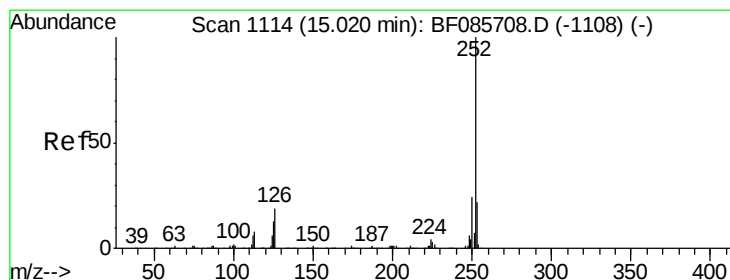
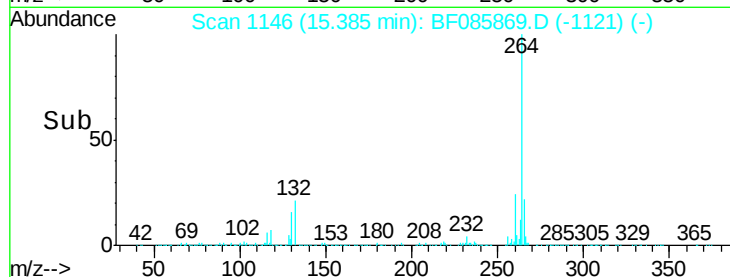
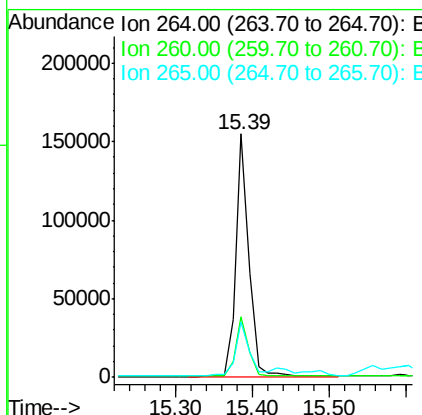
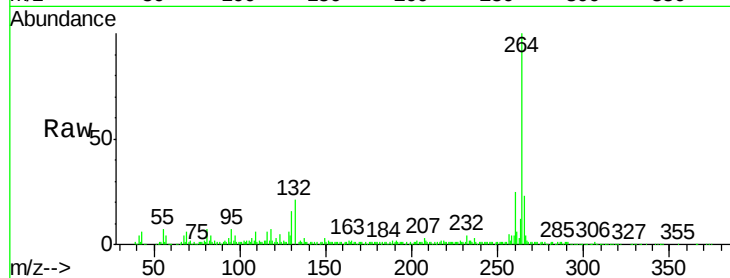




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085869.D
Acq: 30 Mar 2016 00:46

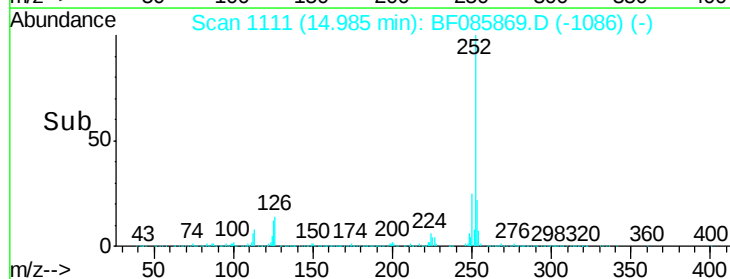
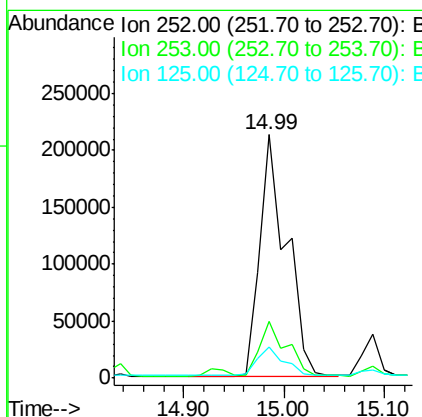
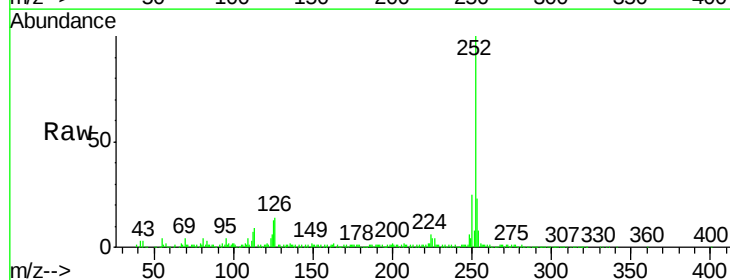
Instrument :
BNA_F
ClientSampleId :
TP-14

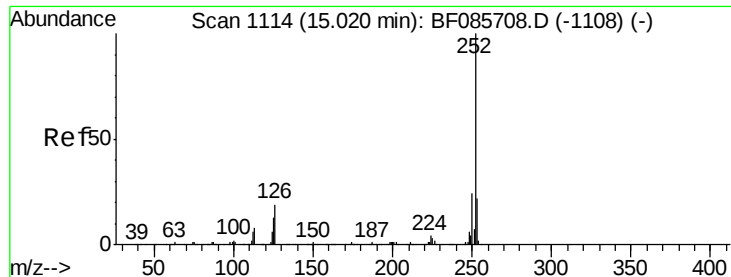
Tgt Ion:264 Resp: 188216
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 22.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 33.08 ng
RT: 14.99 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF085869.D
Acq: 30 Mar 2016 00:46

Tgt Ion:252 Resp: 392217
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 12.9 10.3 15.5

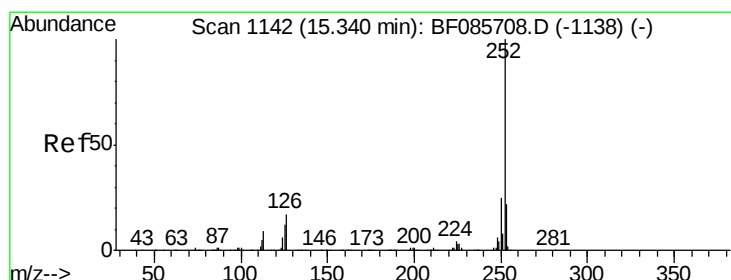
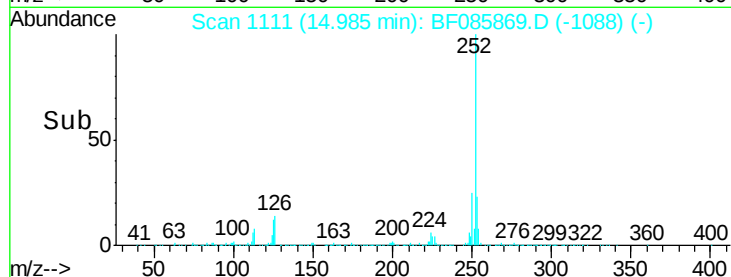
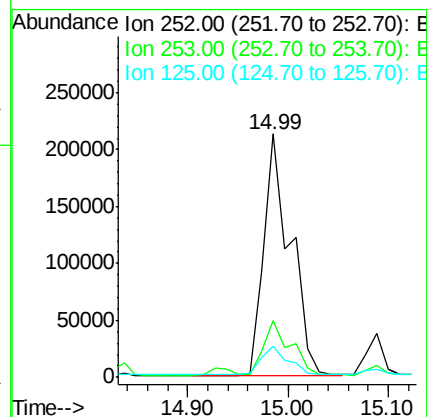
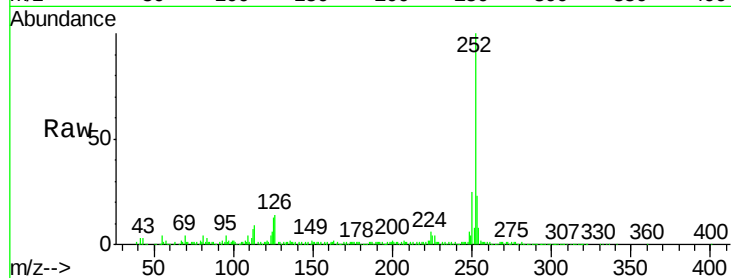




#88
Benzo(k)fluoranthene
Concen: 36.69 ng
RT: 14.99 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF085869.D
Acq: 30 Mar 2016 00:46

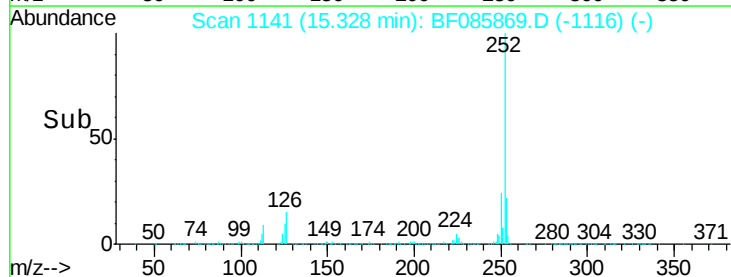
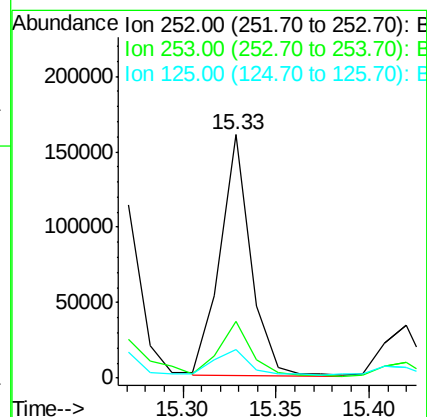
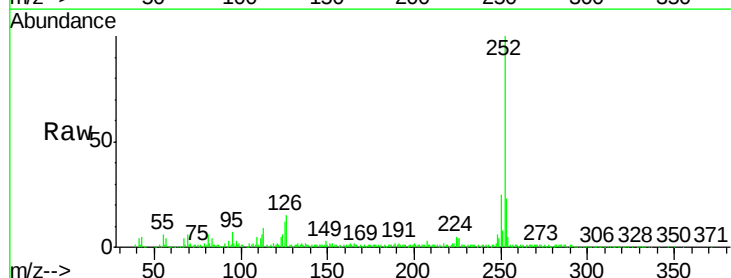
Instrument :
BNA_F
ClientSampled :
TP-14

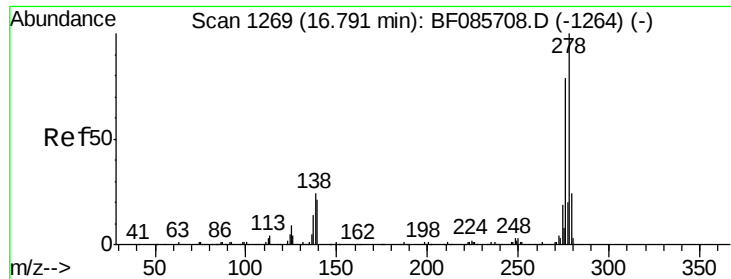
Tgt Ion:252 Resp: 392217
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 12.9 7.7 11.5#



#89
Benzo(a)pyrene
Concen: 17.41 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF085869.D
Acq: 30 Mar 2016 00:46

Tgt Ion:252 Resp: 183309
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 12.0 10.3 15.5





#90

Dibenzo(a,h)anthracene

Concen: 2.67 ng

RT: 16.77 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

TP-14

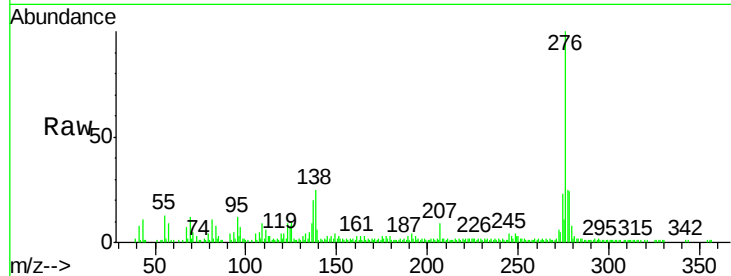
Tgt Ion:278 Resp: 26134

Ion Ratio Lower Upper

278 100

139 26.2 14.4 21.6#

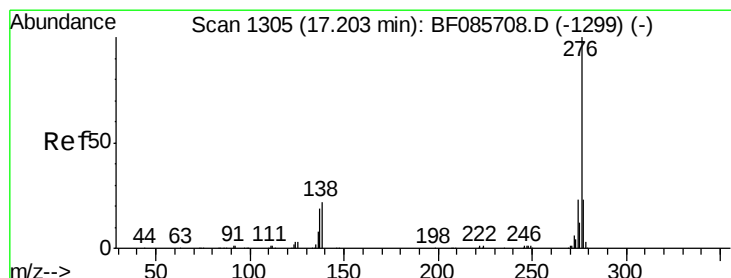
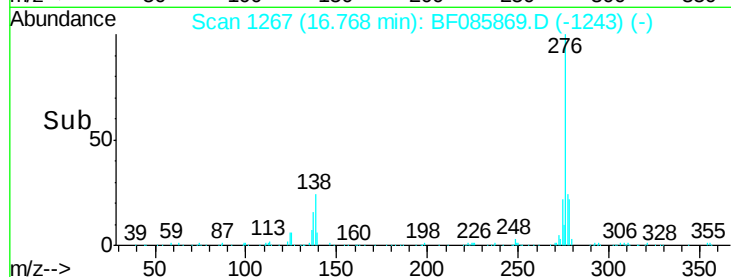
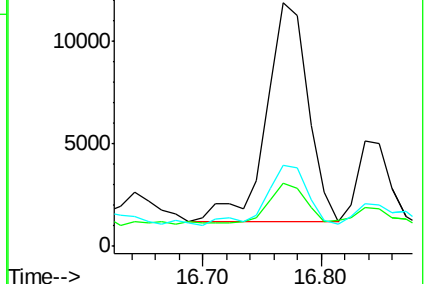
279 33.2 19.1 28.7#



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: 7.77 ng

RT: 17.19 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF085869.D

Acq: 30 Mar 2016 00:46

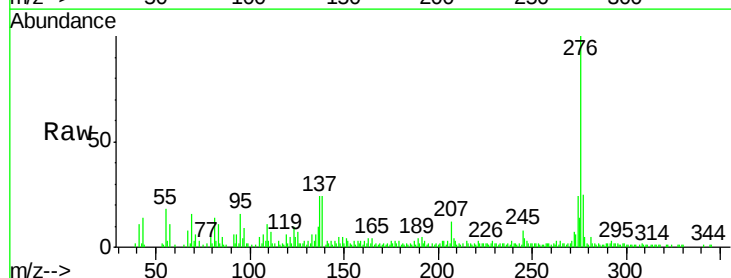
Tgt Ion:276 Resp: 77008

Ion Ratio Lower Upper

276 100

277 24.8 18.8 28.2

138 24.5 22.6 34.0



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

