

Data Path : S:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080877.D
 Acq On : 5 Aug 2015 12:11
 Operator : TP/UM
 Sample : G3188-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCD

Quant Time: Aug 05 14:22:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

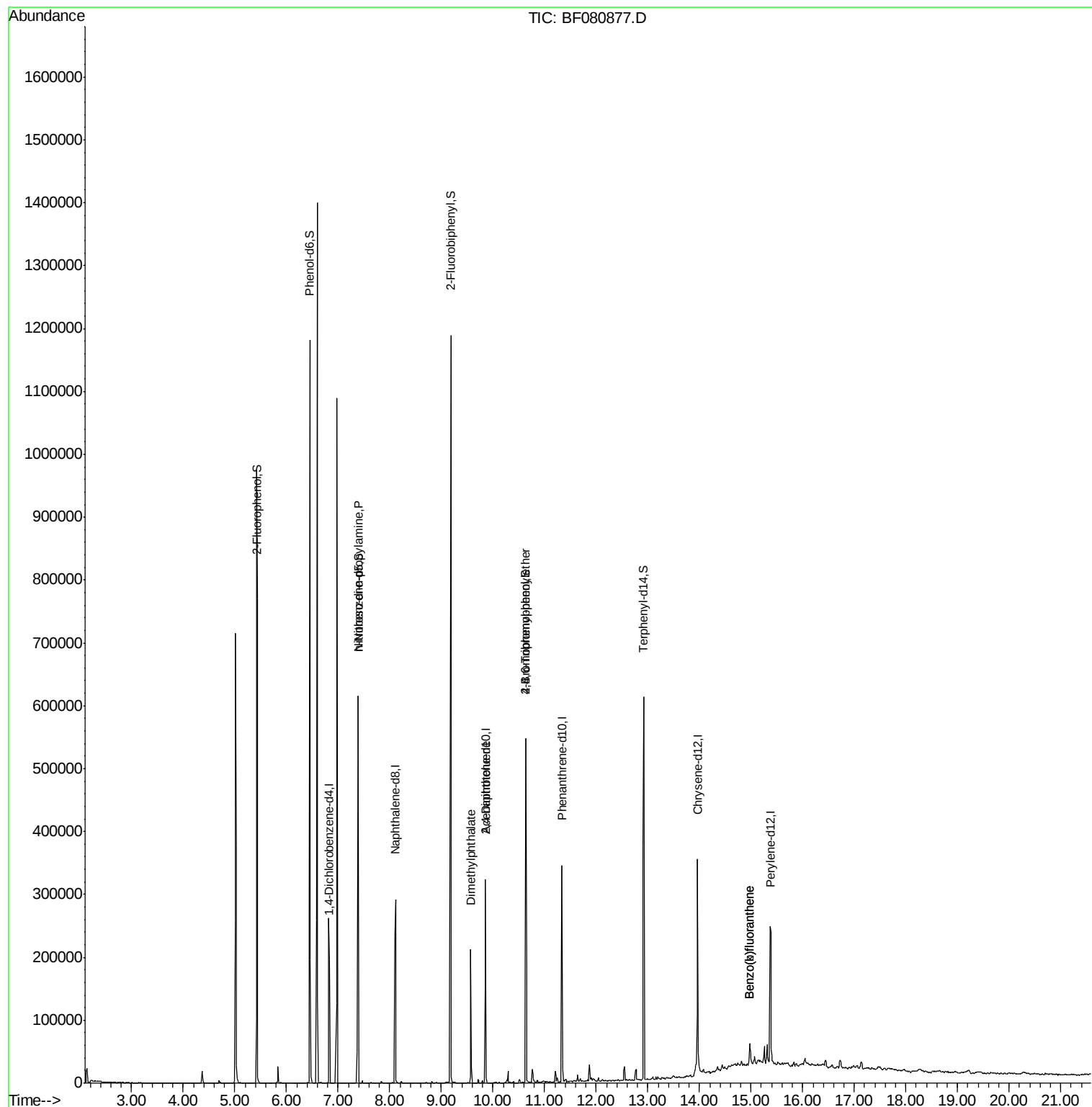
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	49482	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	174780	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	69564	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	116470	20.00	ng	0.00
75) Chrysene-d12	13.96	240	99965	20.00	ng	0.00
86) Perylene-d12	15.38	264	119492	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	339354	103.80	ng	0.01
7) Phenol-d6	6.45	99	390889	91.46	ng	0.00
23) Nitrobenzene-d5	7.39	82	274803	74.10	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	59909	89.30	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	409151	79.20	ng	0.00
78) Terphenyl-d14	12.92	244	232450	42.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	35501	12.86	ng	# 68
49) Dimethylphthalate	9.57	163	72709	14.33	ng	# 99
56) 2,4-Dinitrotoluene	9.86	165	9052	6.76	ng	# 13
66) 4-Bromophenyl-phenylether	10.64	248	3718	2.88	ng	# 1
87) Benzo(b)fluoranthene	14.97	252	26165	2.93	ng	# 93
88) Benzo(k)fluoranthene	14.97	252	26165	3.80	ng	# 89

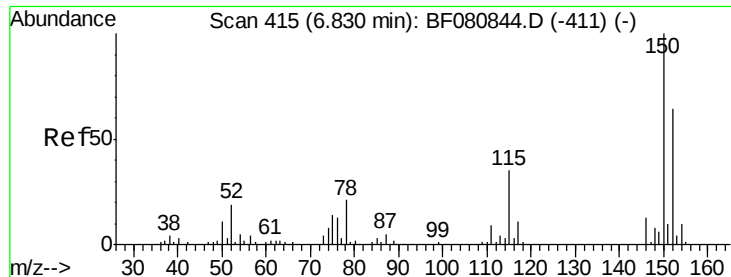
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : S:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080877.D
Acq On : 5 Aug 2015 12:11
Operator : TP/UM
Sample : G3188-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCD

Quant Time: Aug 05 14:22:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080877.D

Acq: 5 Aug 2015 12:11

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCD

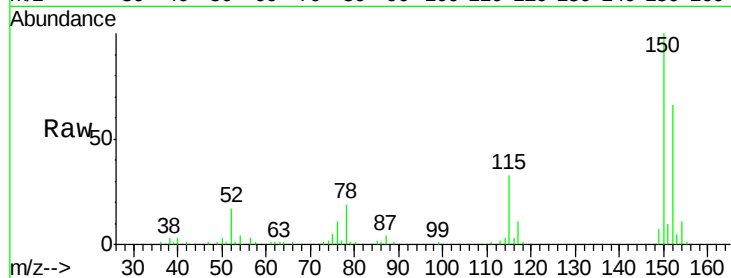
Tgt Ion:152 Resp: 49482

Ion Ratio Lower Upper

152 100

150 151.5 124.6 187.0

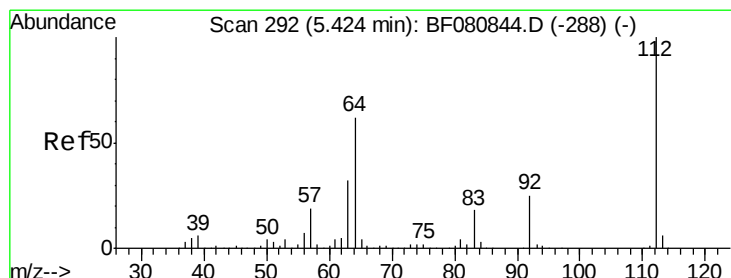
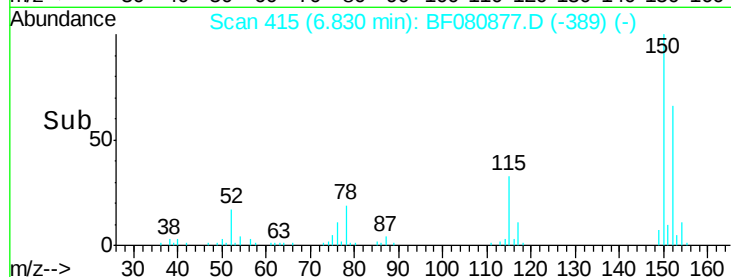
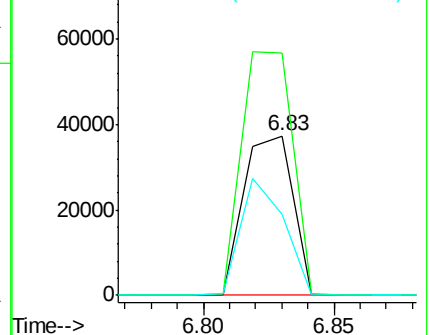
115 50.7 44.2 66.4



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: 103.80 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080877.D

Acq: 5 Aug 2015 12:11

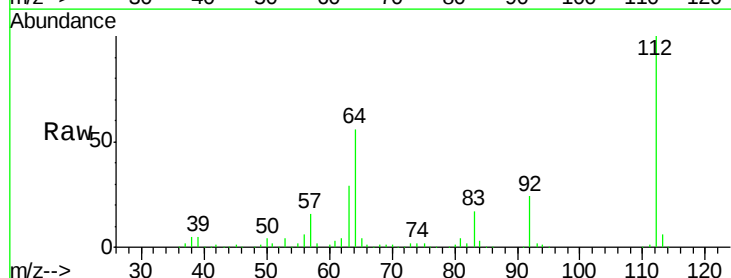
Tgt Ion:112 Resp: 339354

Ion Ratio Lower Upper

112 100

64 55.6 49.5 74.3

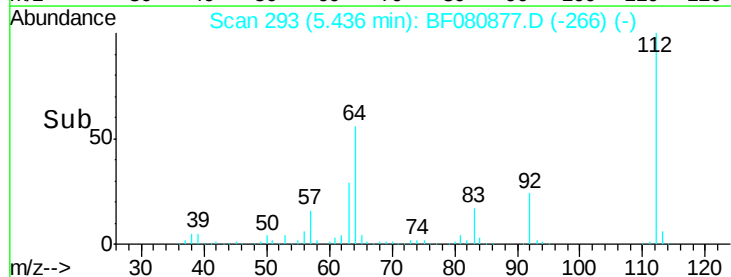
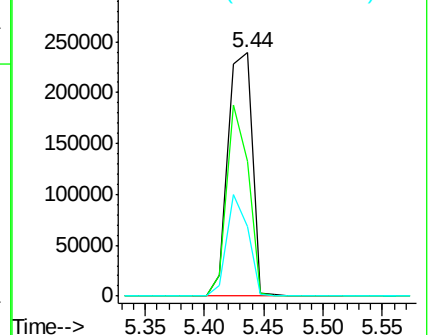
63 28.6 25.3 37.9

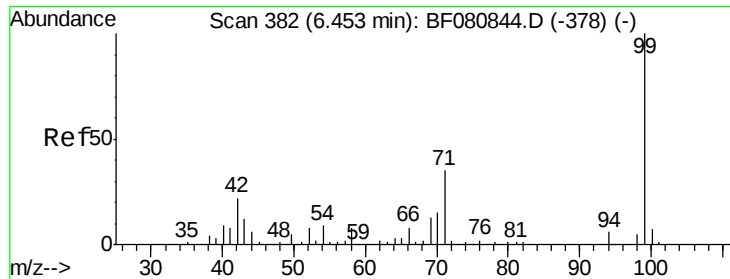


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.46 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080877.D

Acq: 5 Aug 2015 12:11

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCD

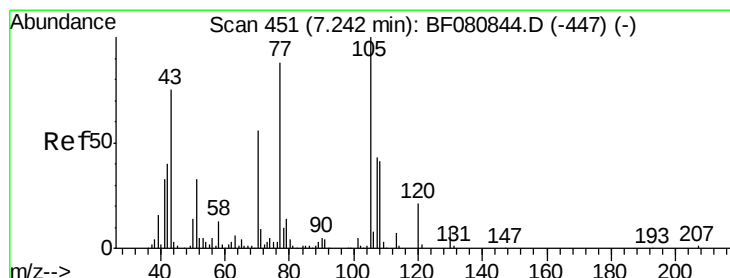
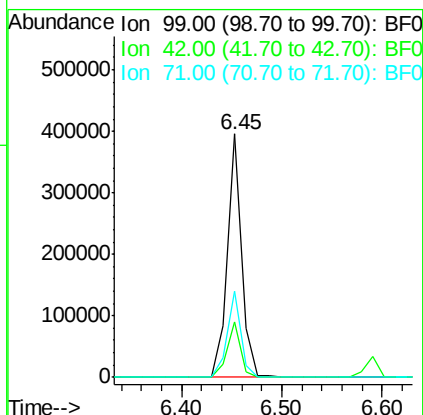
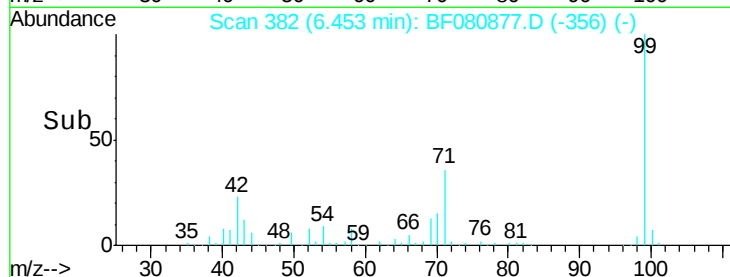
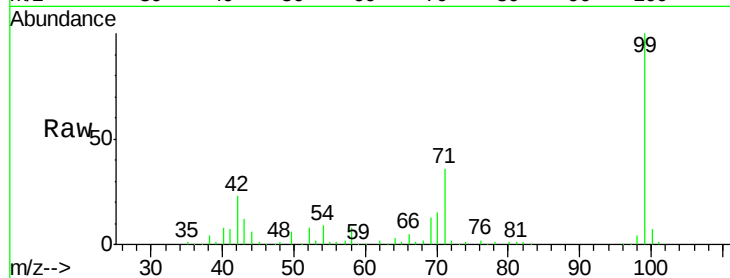
Tgt Ion: 99 Resp: 390889

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 35.6 28.2 42.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.86 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF080877.D

Acq: 5 Aug 2015 12:11

Tgt Ion: 70 Resp: 35501

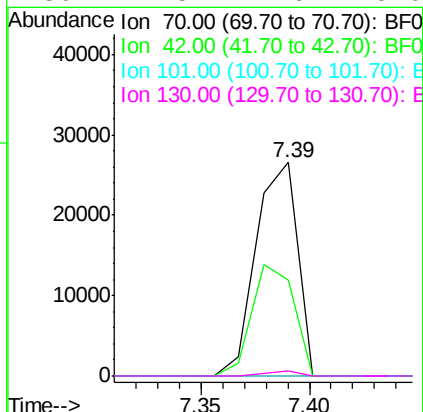
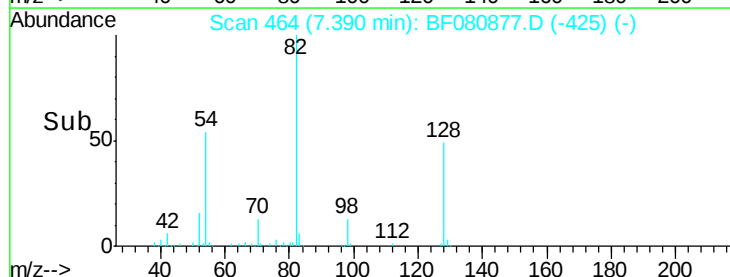
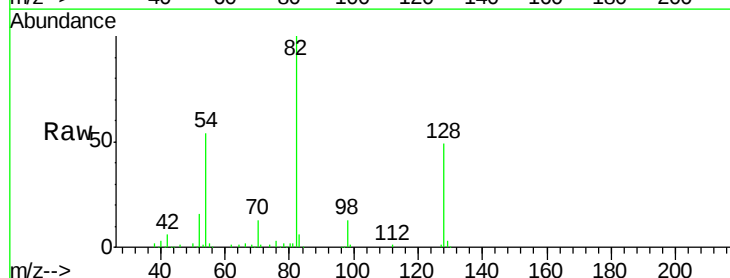
Ion Ratio Lower Upper

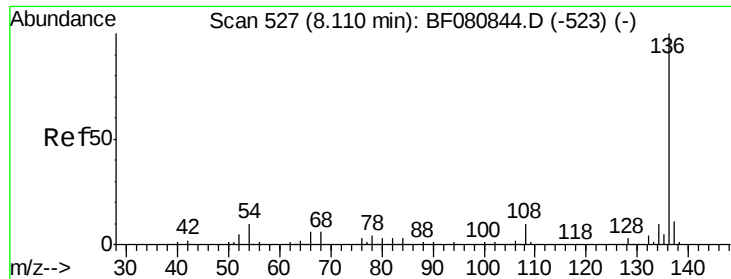
70 100

42 44.8 57.8 86.8#

101 0.0 6.7 10.1#

130 2.5 12.6 19.0#

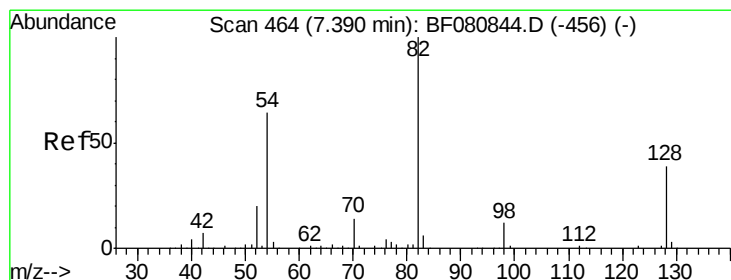
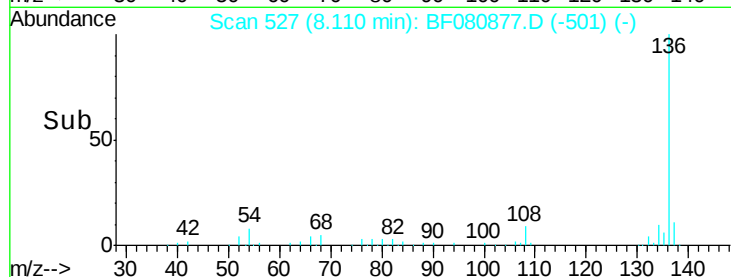
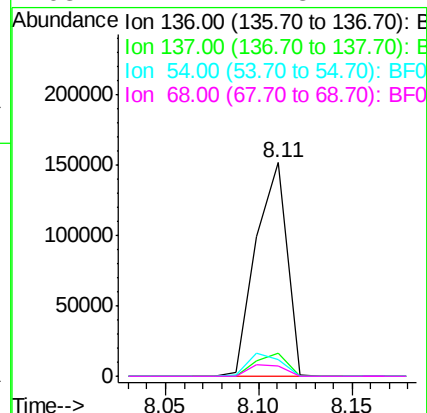
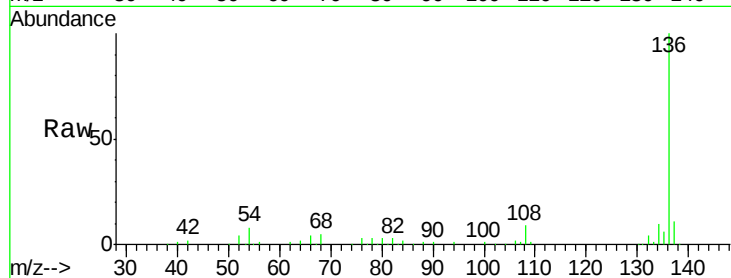




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF080877.D
Acq: 5 Aug 2015 12:11

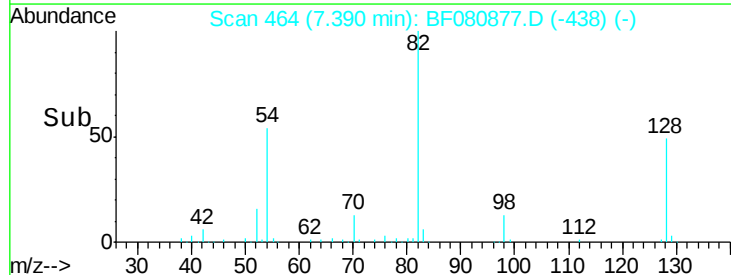
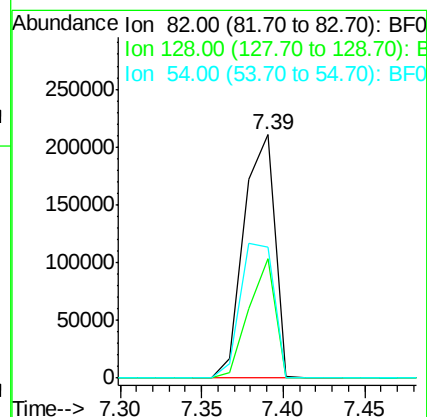
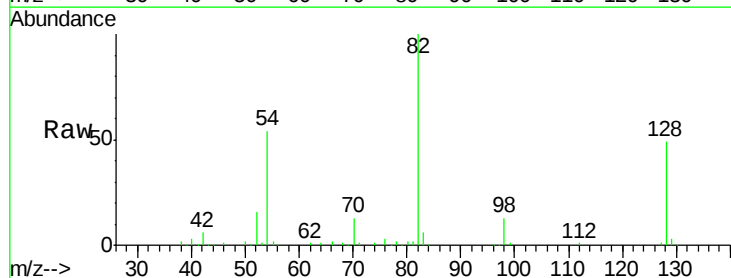
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCD

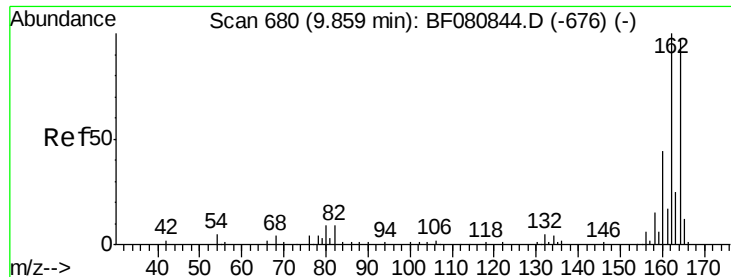
Tgt Ion:136 Resp: 174780
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.7 8.3 12.5#
68 4.7 4.8 7.2#



#23
Nitrobenzene-d5
Concen: 74.10 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080877.D
Acq: 5 Aug 2015 12:11

Tgt Ion: 82 Resp: 274803
Ion Ratio Lower Upper
82 100
128 48.8 31.0 46.4#
54 53.6 51.0 76.6

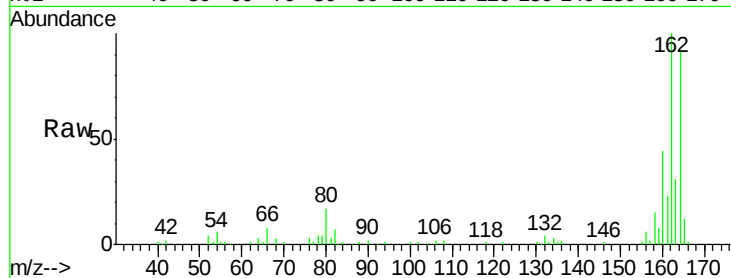




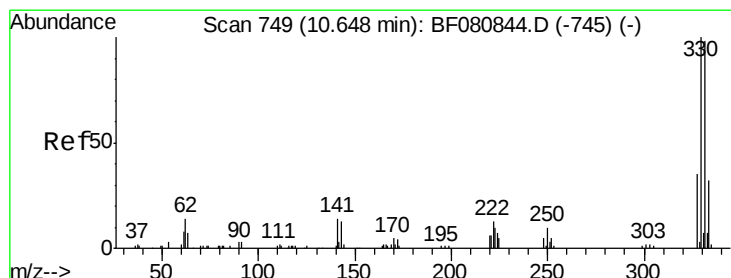
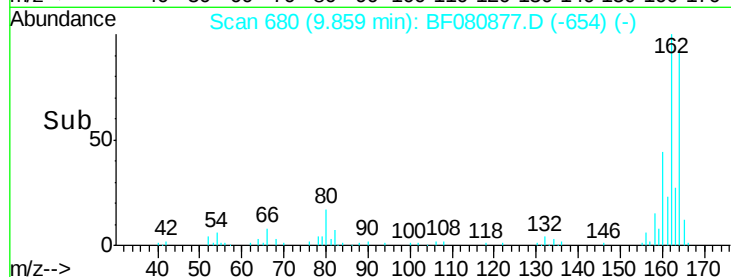
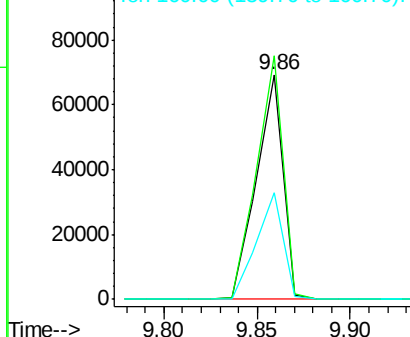
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF080877.D
 Acq: 5 Aug 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCD

Tgt Ion:164 Resp: 69564
 Ion Ratio Lower Upper
 164 100
 162 108.2 82.9 124.3
 160 47.5 36.6 54.8

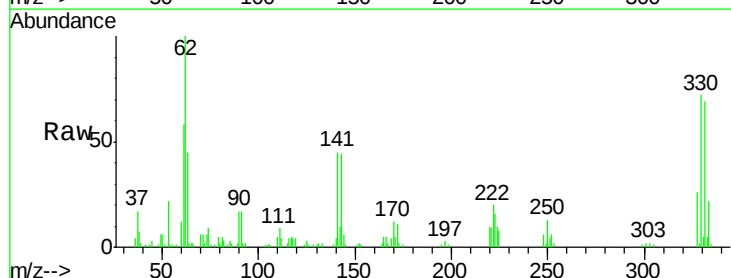


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

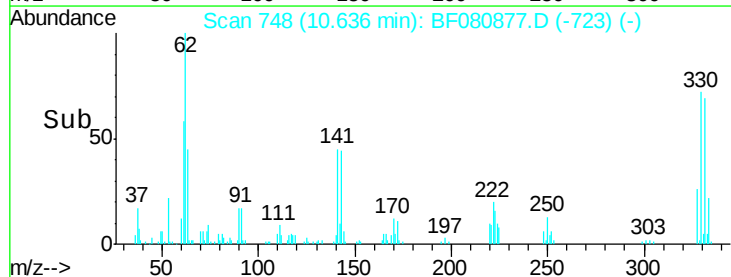
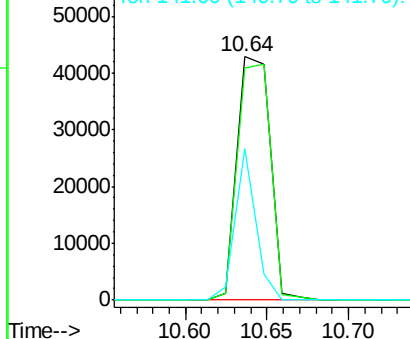


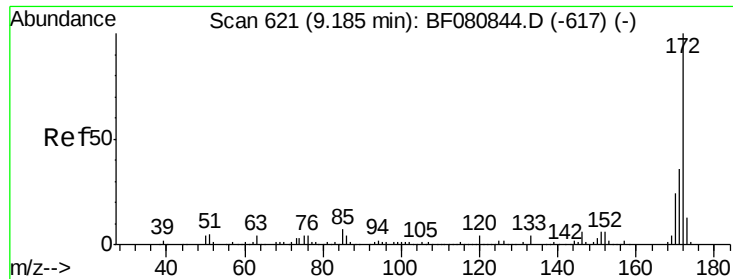
#41
 2,4,6-Tribromophenol
 Concen: 89.30 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF080877.D
 Acq: 5 Aug 2015 12:11

Tgt Ion:330 Resp: 59909
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.8 116.8
 141 38.4 28.4 42.6



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

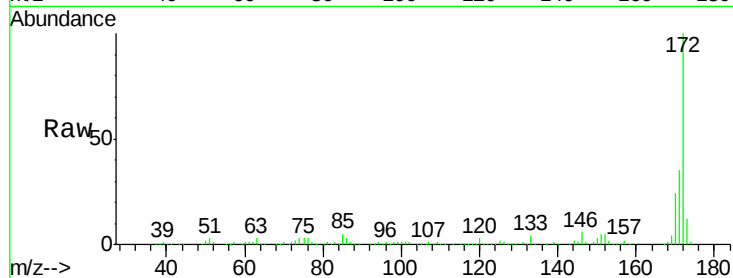




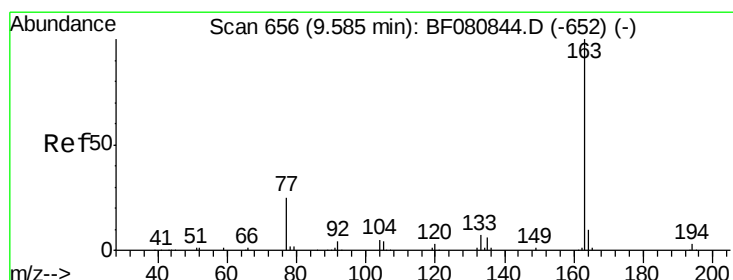
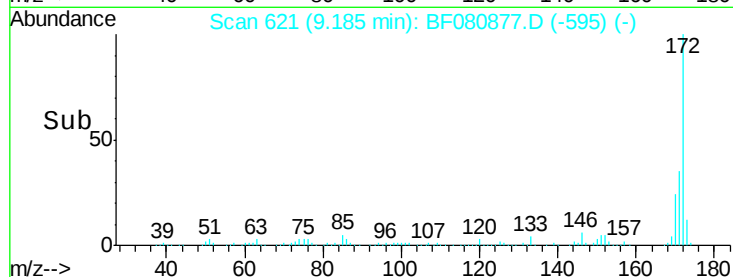
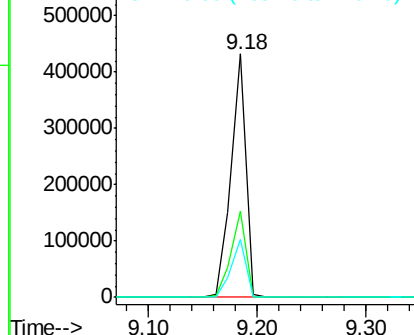
#44
 2-Fluorobiphenyl
 Concen: 79.20 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF080877.D
 Acq: 5 Aug 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.7	19.4	29.2

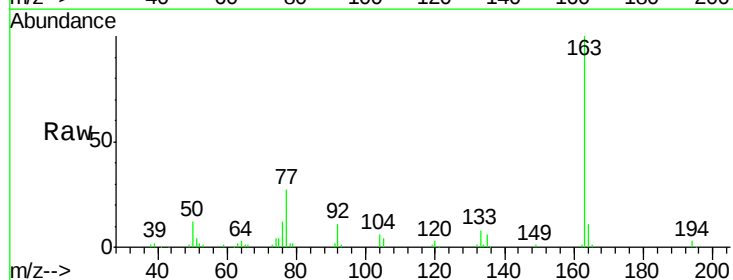


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

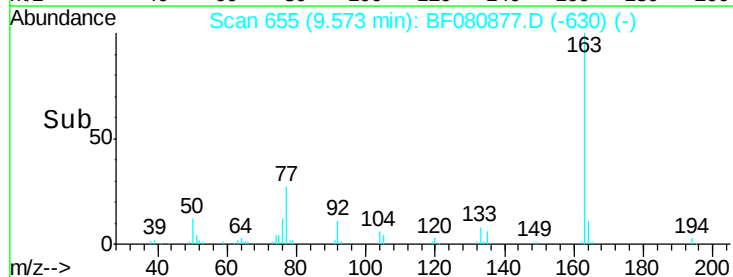
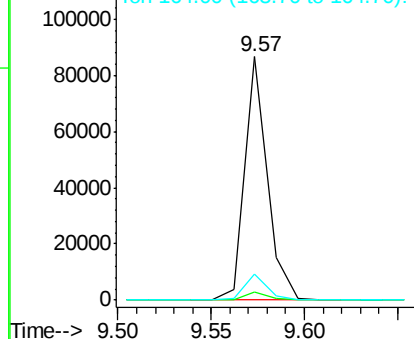


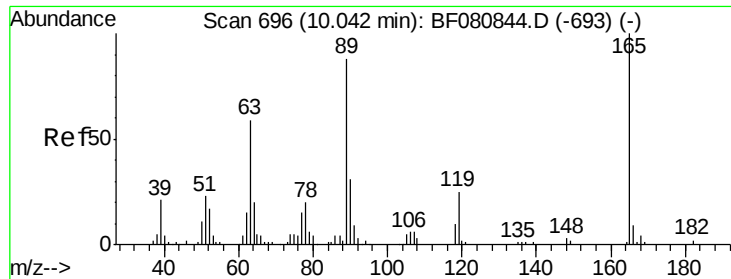
#49
 Dimethylphthalate
 Concen: 14.33 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF080877.D
 Acq: 5 Aug 2015 12:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.5	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

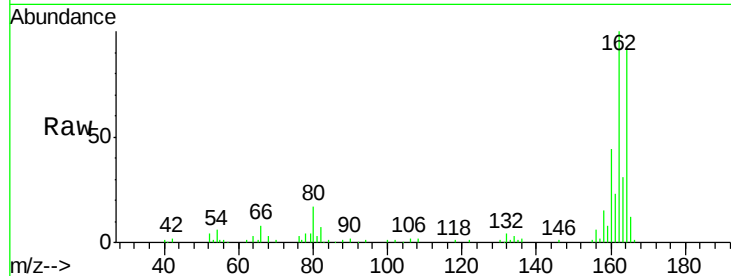




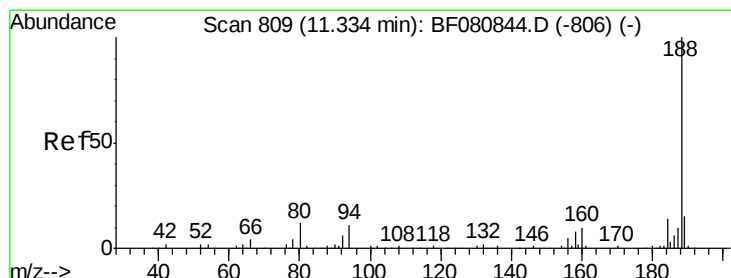
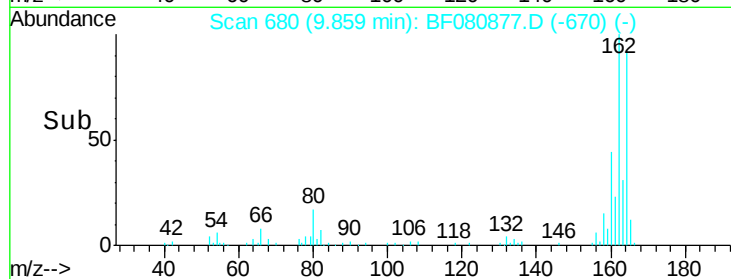
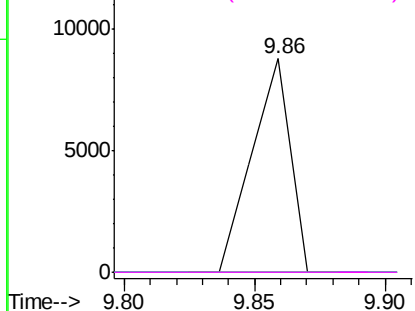
#56
 2,4-Dinitrotoluene
 Concen: 6.76 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.18 min
 Lab File: BF080877.D
 Acq: 5 Aug 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCD

Tgt Ion:165 Resp: 9052
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.2 70.8#
 89 0.0 70.2 105.2#
 182 0.0 1.5 2.3#

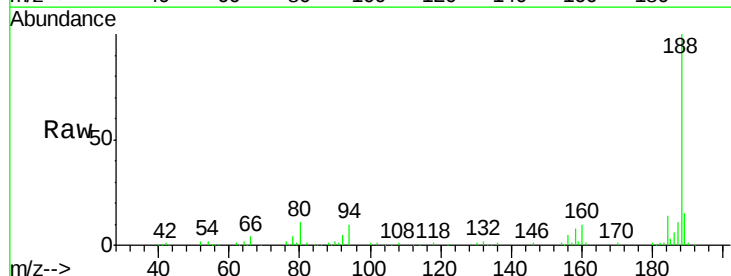


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

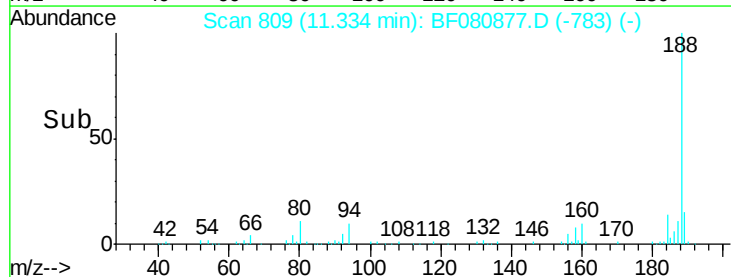
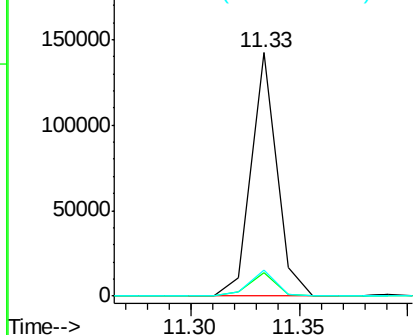


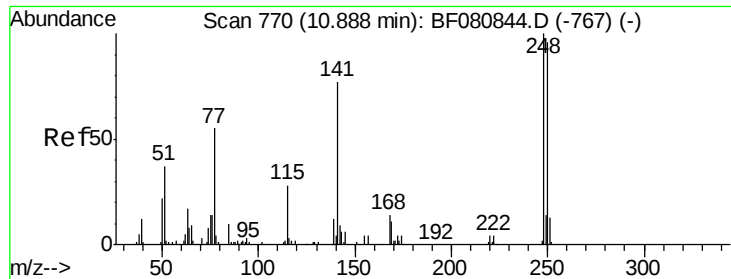
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF080877.D
 Acq: 5 Aug 2015 12:11

Tgt Ion:188 Resp: 116470
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.6 12.8
 80 10.5 9.3 13.9



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: 2.88 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF080877.D

Acq: 5 Aug 2015 12:11

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCD

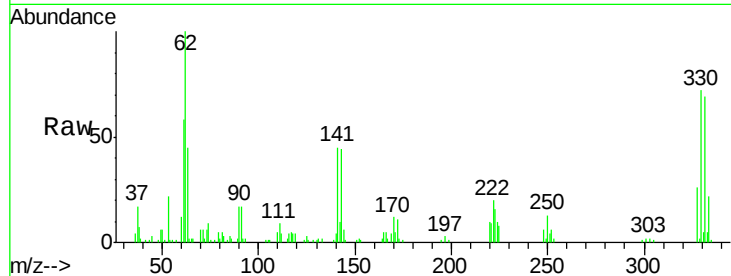
Tgt Ion:248 Resp: 3718

Ion Ratio Lower Upper

248 100

250 211.7 77.2 115.8#

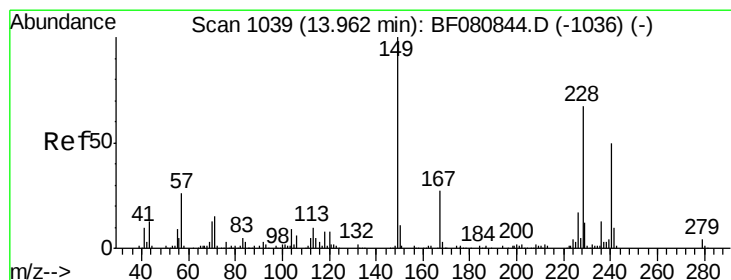
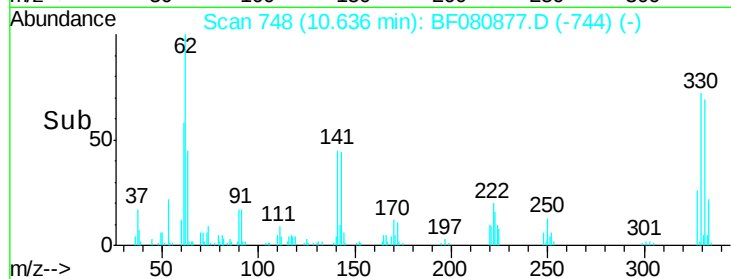
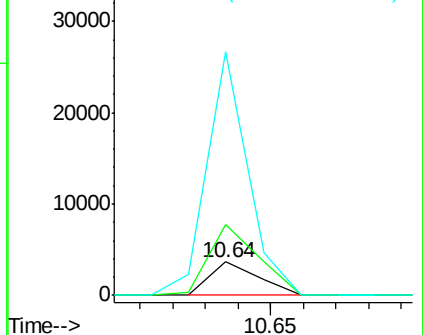
141 725.0 61.4 92.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080877.D

Acq: 5 Aug 2015 12:11

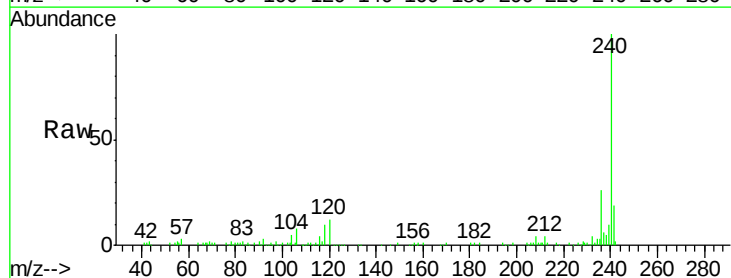
Tgt Ion:240 Resp: 99965

Ion Ratio Lower Upper

240 100

120 11.7 13.0 19.6#

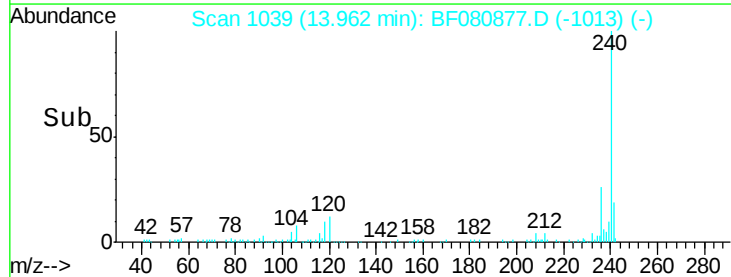
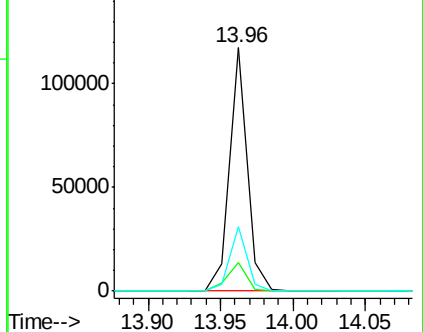
236 26.2 20.7 31.1

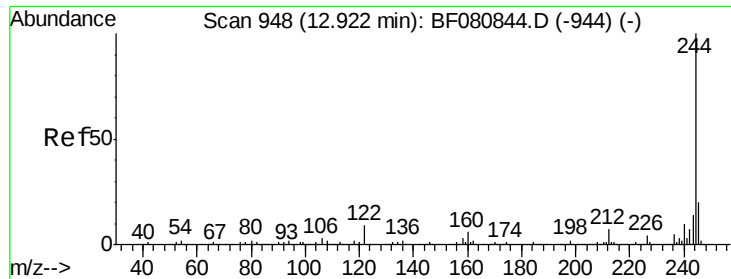


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

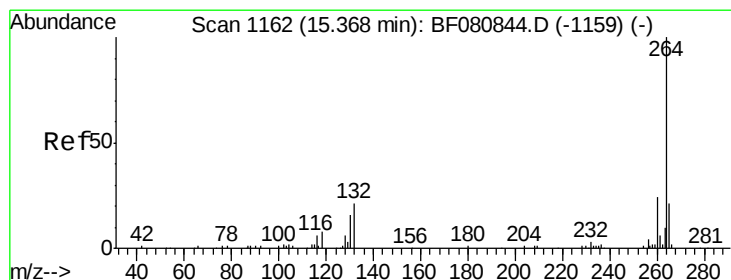
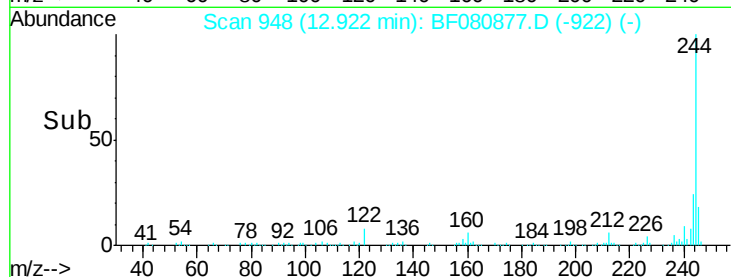
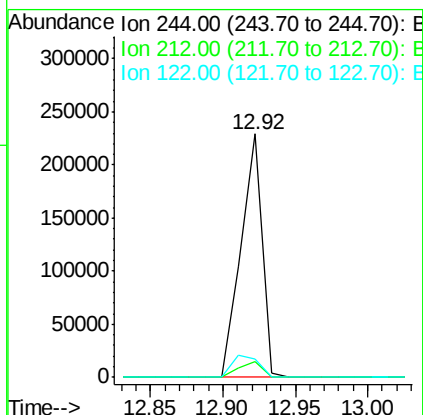
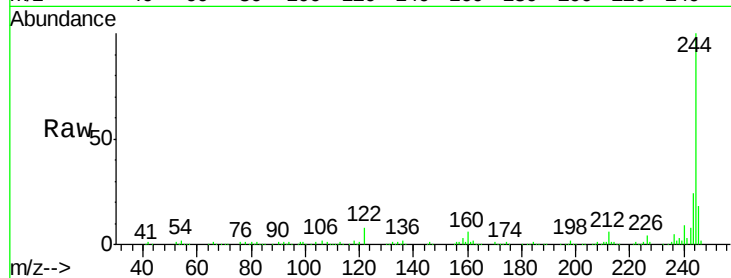




#78
 Terphenyl-d14
 Concen: 42.09 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF080877.D
 Acq: 5 Aug 2015 12:11

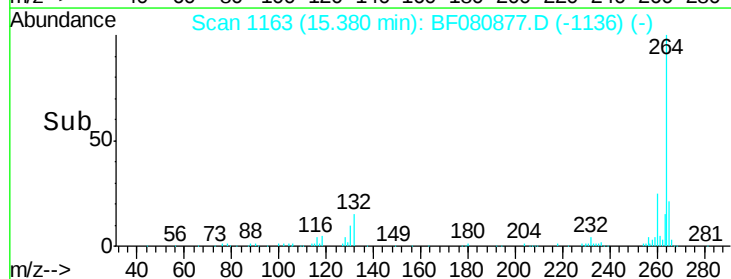
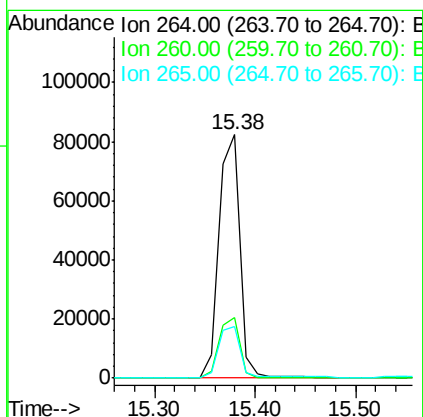
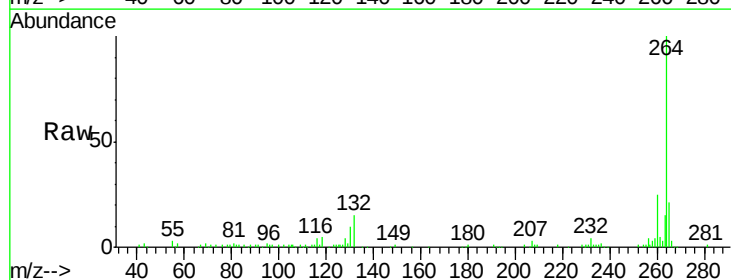
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCD

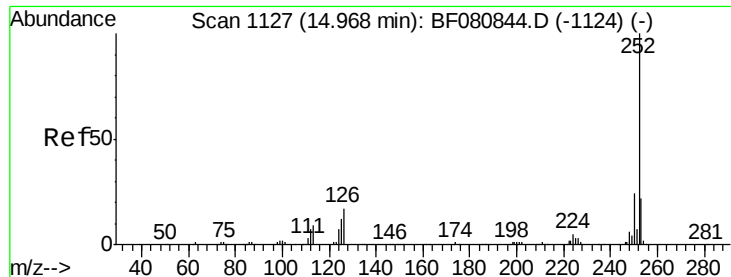
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	7.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF080877.D
 Acq: 5 Aug 2015 12:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.9	28.3
265	21.3	16.8	25.2

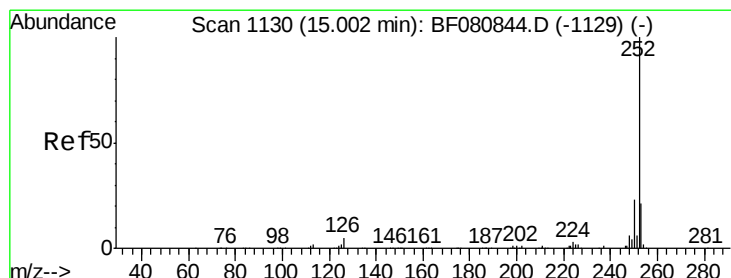
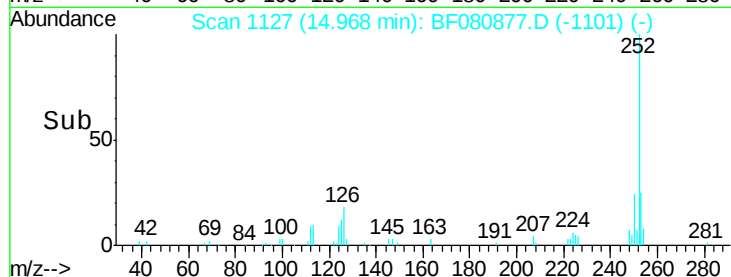
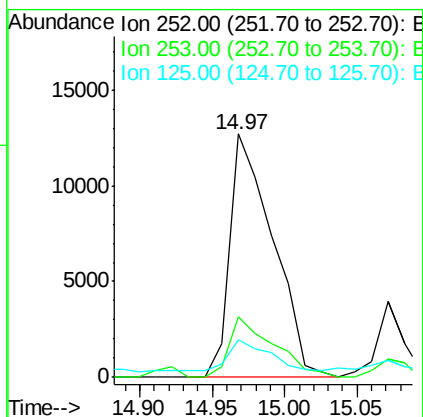
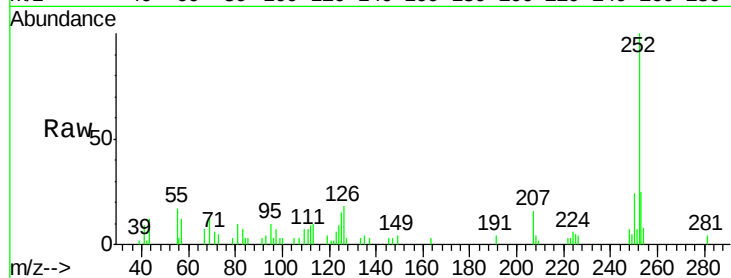




#87
Benzo(b)fluoranthene
Concen: 2.93 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF080877.D
Acq: 5 Aug 2015 12:11

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCD

Tgt Ion:252 Resp: 26165
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.0
125 15.2 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 3.80 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF080877.D
Acq: 5 Aug 2015 12:11

Tgt Ion:252 Resp: 26165
Ion Ratio Lower Upper
252 100
253 24.8 16.9 25.3
125 15.2 7.0 10.6#

