

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
 Data File : BF087848.D
 Acq On : 9 Jun 2016 13:10
 Operator : UM/SJ
 Sample : H3477-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1300-05-CB-06072016

Quant Time: Jun 09 14:57:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

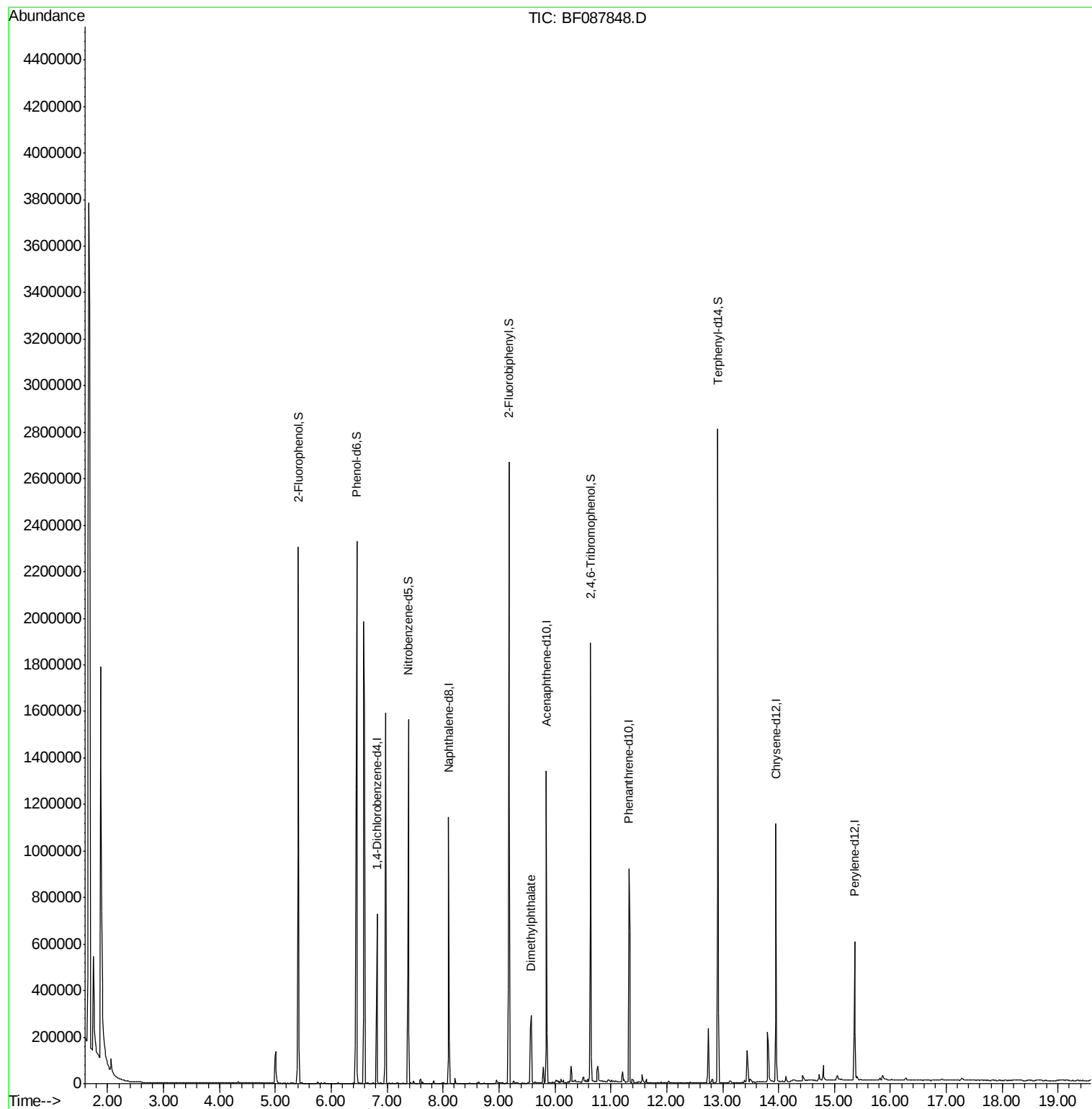
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	129802	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	495872	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	248118	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	440868	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	357880	20.00	ng	-0.03
86) Perylene-d12	15.36	264	258886	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	716284	94.34	ng	-0.01
7) Phenol-d6	6.46	99	971199	105.54	ng	-0.02
23) Nitrobenzene-d5	7.38	82	542514	63.89	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	230455	87.96	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1052034	65.33	ng	-0.03
78) Terphenyl-d14	12.91	244	878075	55.83	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	177134	9.86	ng	98

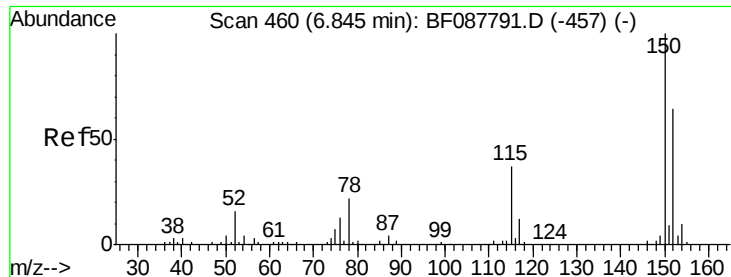
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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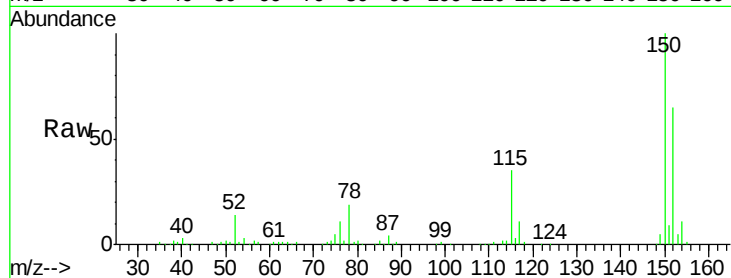


#1

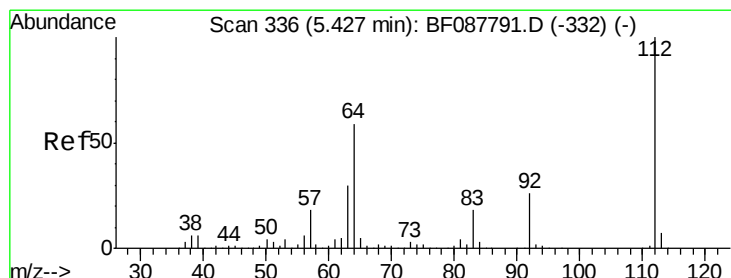
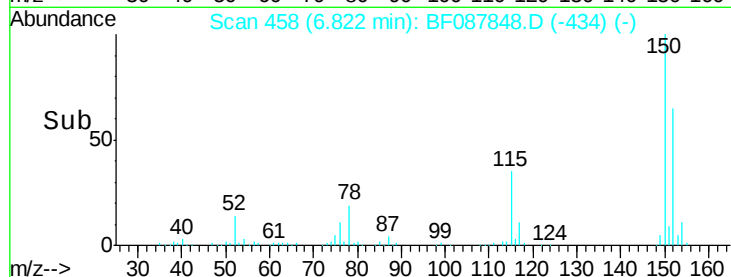
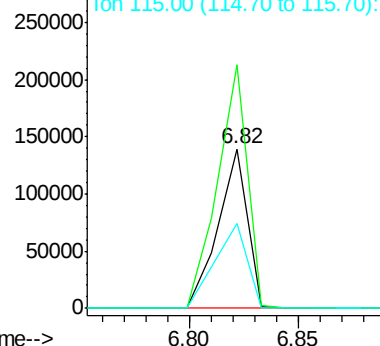
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087848.D
Acq: 9 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
1300-05-CB-06072016

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.8	185.6
115	53.6	39.6	59.4



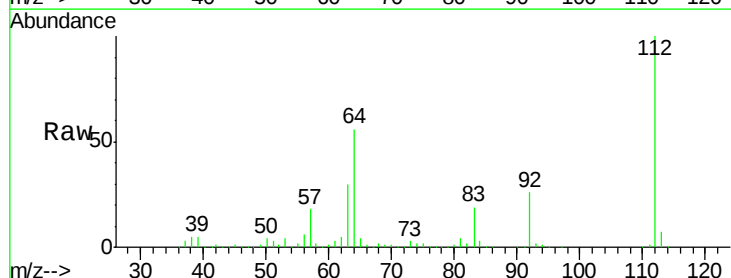
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



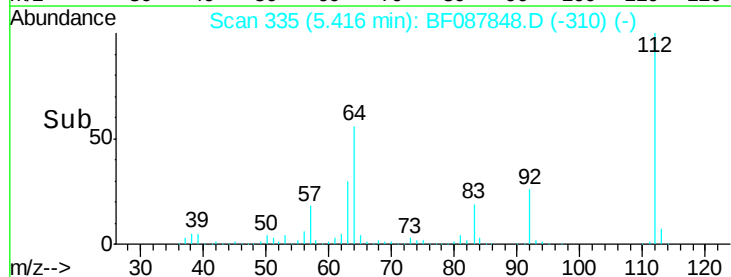
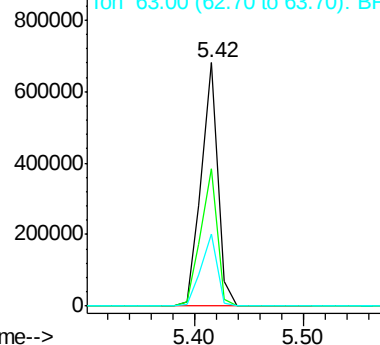
#5

2-Fluorophenol
Concen: 94.34 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087848.D
Acq: 9 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.2	63.2
63	29.5	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.54 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087848.D

Acq: 9 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

1300-05-CB-06072016

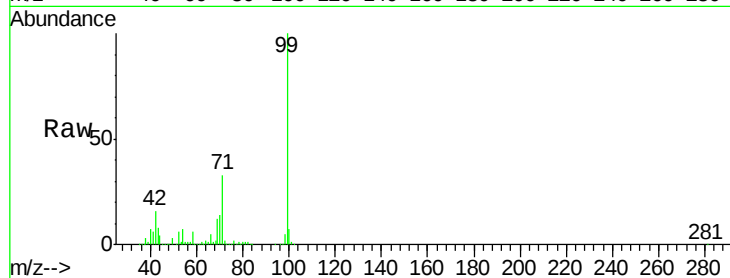
Tot Ion: 99 Resp: 971199

Ion Ratio Lower Upper

99 100

42 16.5 12.2 18.2

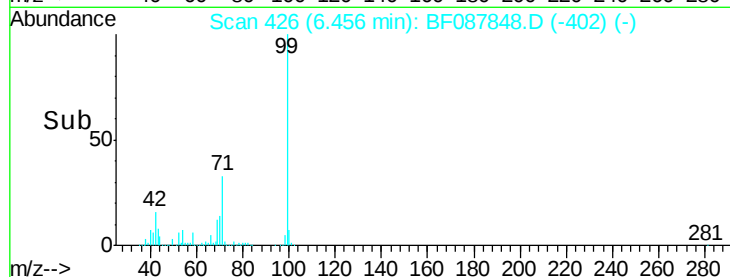
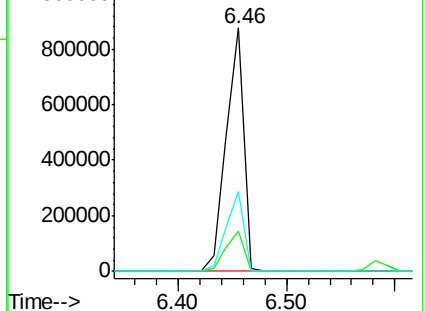
71 32.9 23.4 35.0



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: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF087848.D

Acq: 9 Jun 2016 13:10

Tgt Ion: 136 Resp: 495872

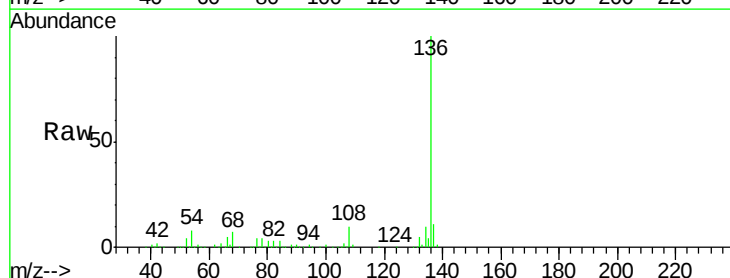
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.3 6.6 10.0

68 6.7 5.1 7.7

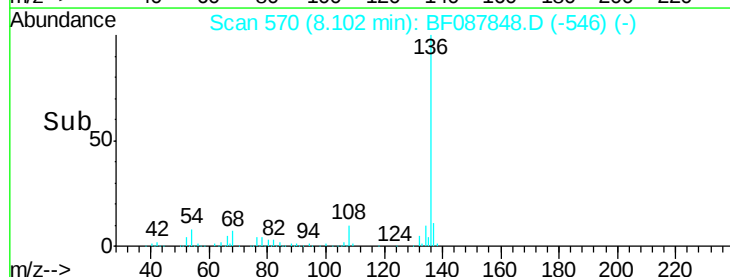
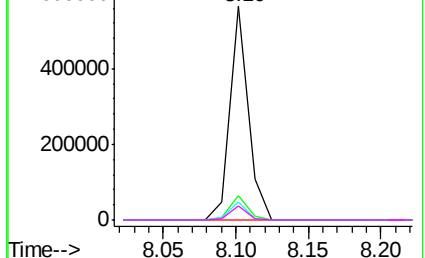


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

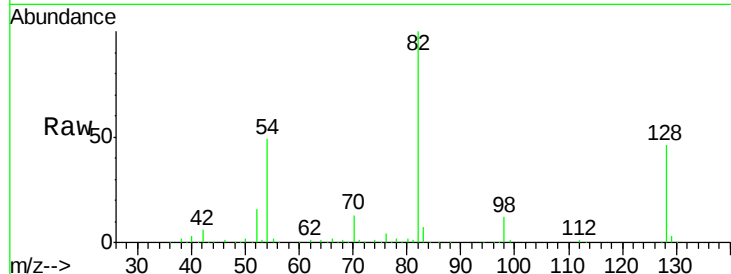




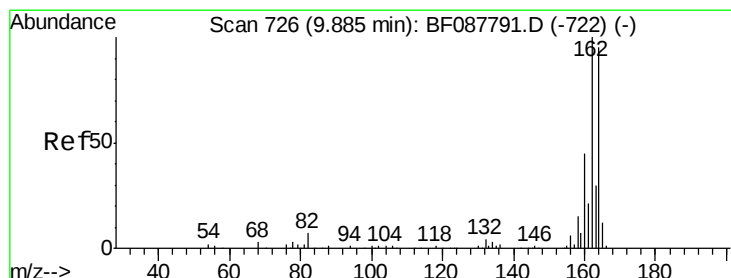
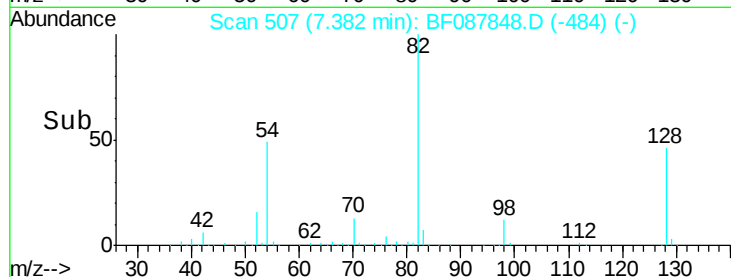
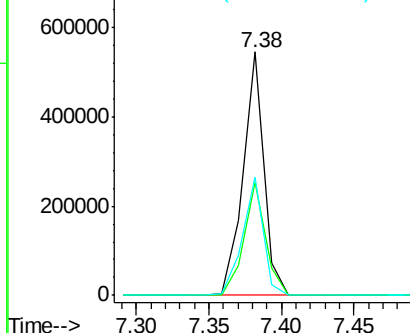
#23
Nitrobenzene-d5
Concen: 63.89 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087848.D
Acq: 9 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
1300-05-CB-06072016

Tot Ion: 82 Resp: 542514
Ion Ratio Lower Upper
82 100
128 46.4 35.9 53.9
54 48.6 40.9 61.3

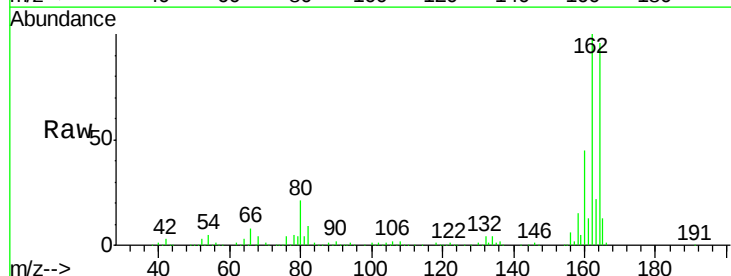


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

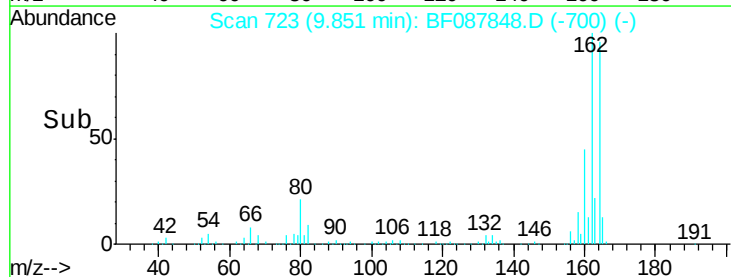
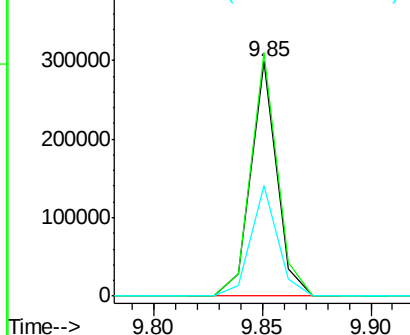


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087848.D
Acq: 9 Jun 2016 13:10

Tgt Ion:164 Resp: 248118
Ion Ratio Lower Upper
164 100
162 103.8 85.4 128.2
160 46.9 39.5 59.3



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

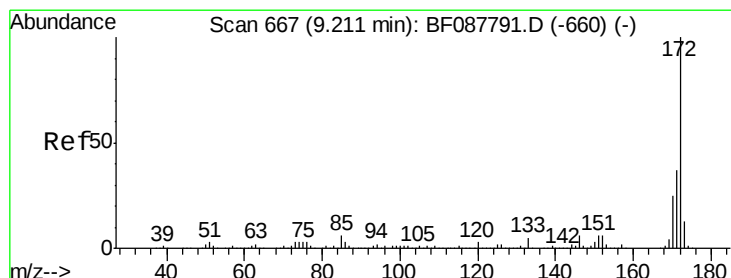
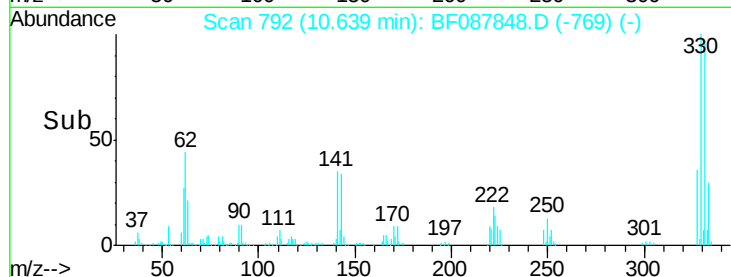
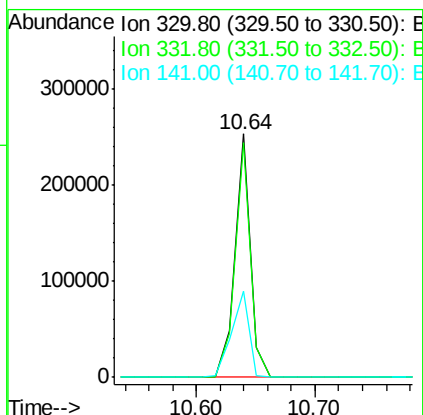
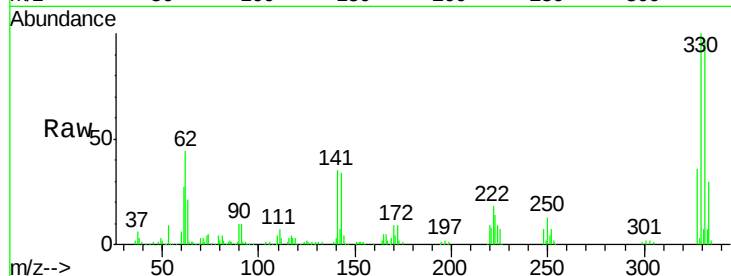




#41
 2,4,6-Tribromophenol
 Concen: 87.96 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087848.D
 Acq: 9 Jun 2016 13:10

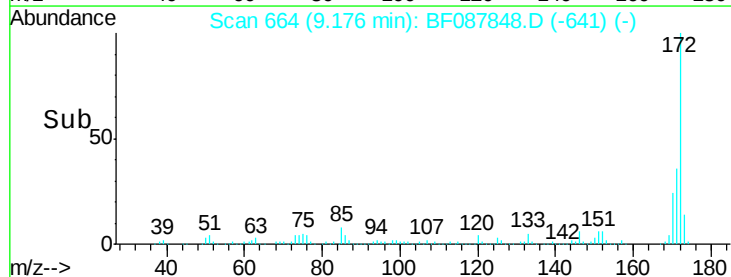
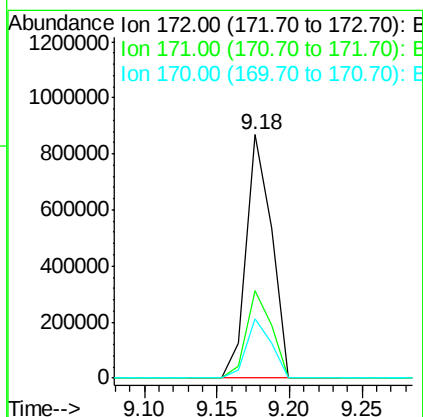
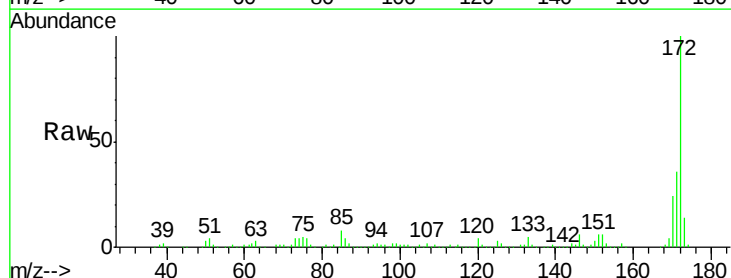
Instrument :
 BNA_F
 ClientSampleId :
 1300-05-CB-06072016

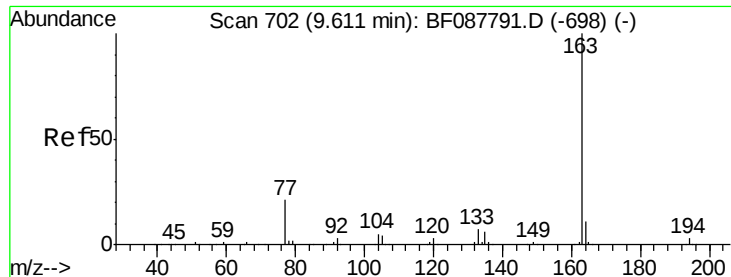
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 65.33 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087848.D
 Acq: 9 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.4	19.2	28.8





#49

Dimethylphthalate

Concen: 9.86 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087848.D

Acq: 9 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

1300-05-CB-06072016

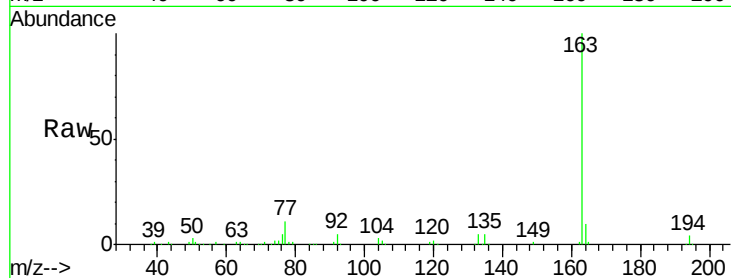
Tot Ion:163 Resp: 177134

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

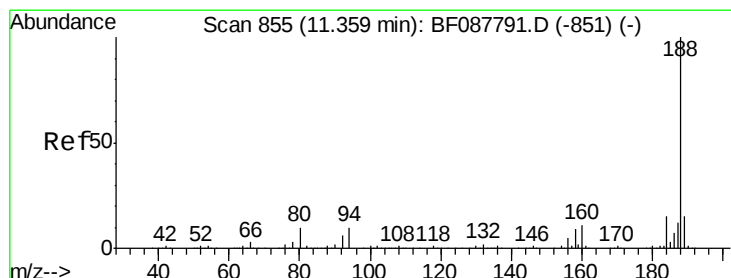
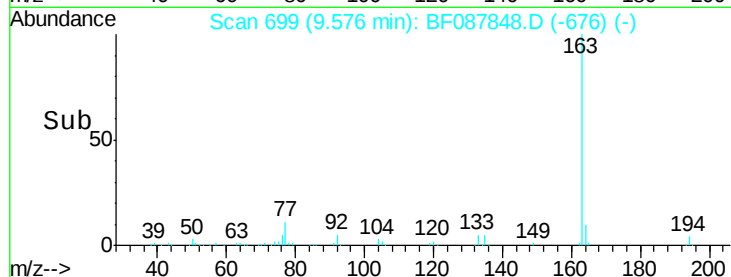
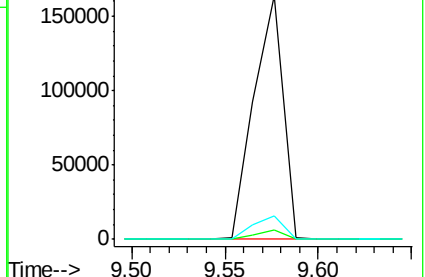
164 9.7 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF087848.D

Acq: 9 Jun 2016 13:10

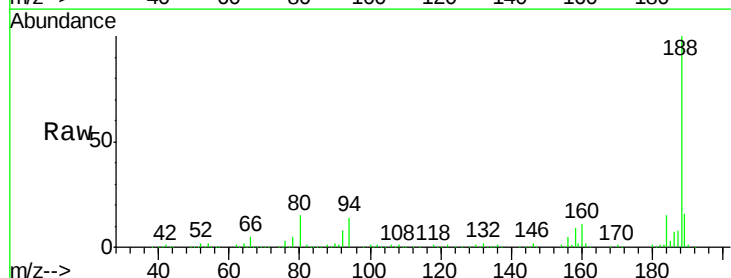
Tgt Ion:188 Resp: 440868

Ion Ratio Lower Upper

188 100

94 14.1 9.0 13.6#

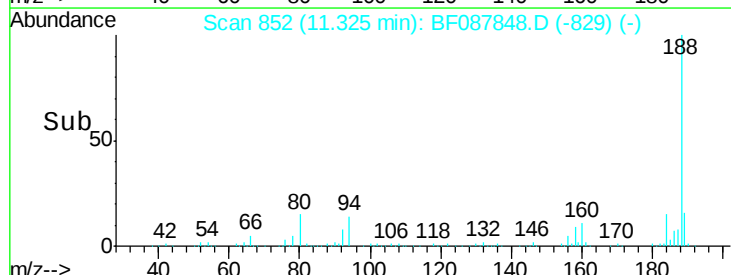
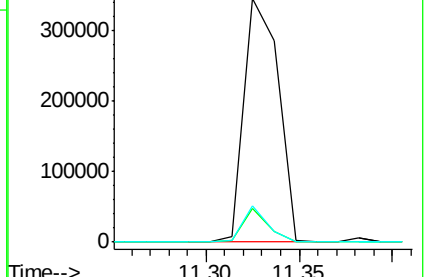
80 15.1 10.0 15.0#

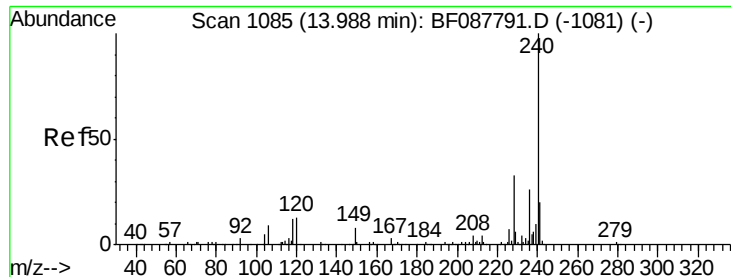


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087848.D

Acq: 9 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

1300-05-CB-06072016

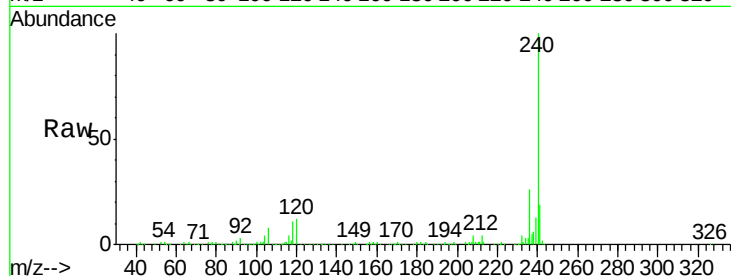
Tot Ion:240 Resp: 357880

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

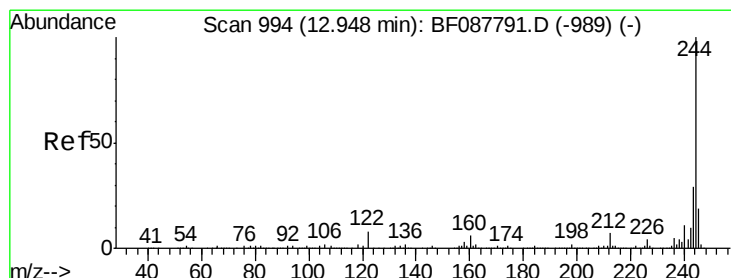
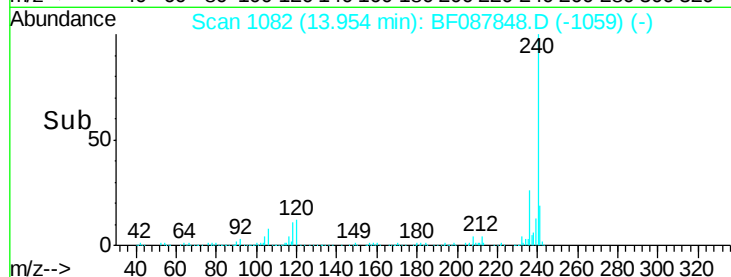
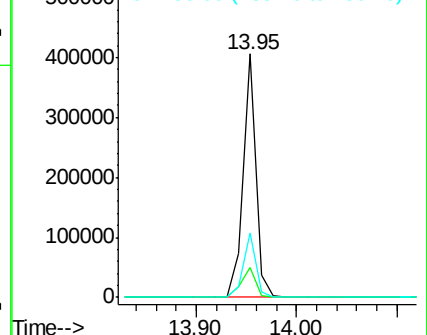
236 26.3 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 55.83 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF087848.D

Acq: 9 Jun 2016 13:10

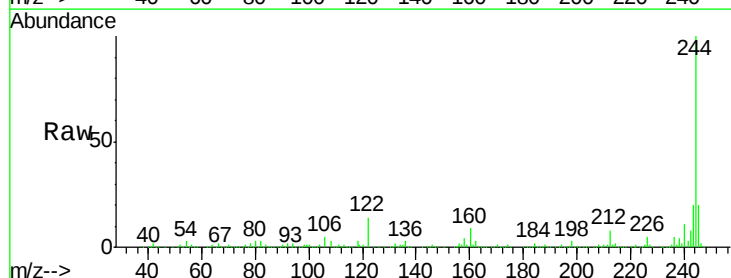
Tgt Ion:244 Resp: 878075

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

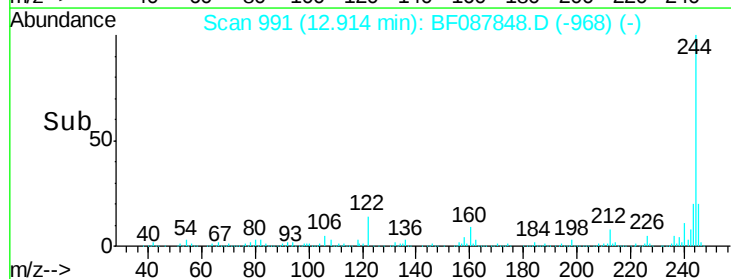
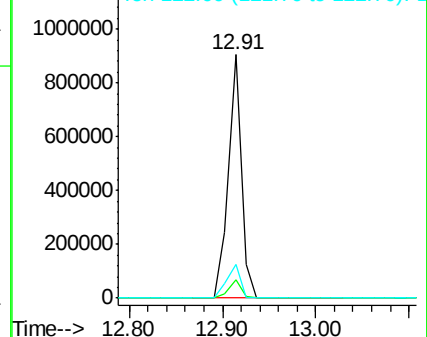
122 13.8 11.2 16.8

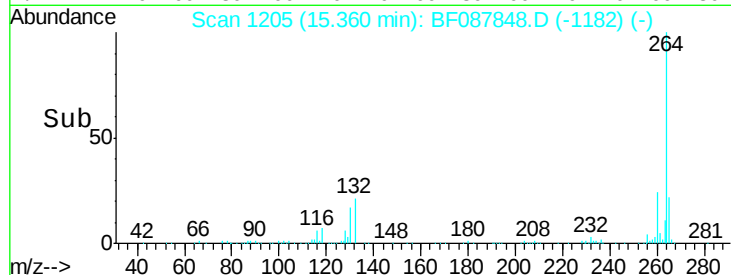
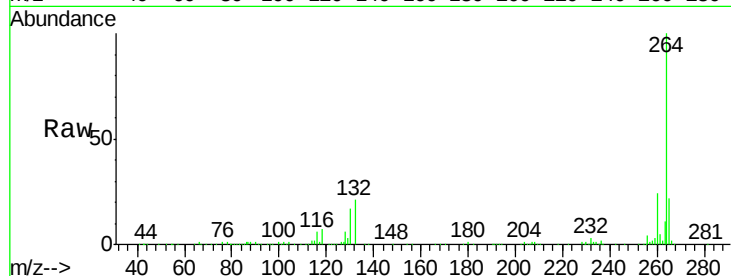
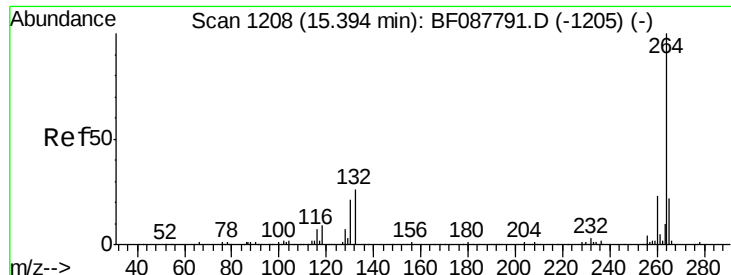


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF087848.D
 Acq: 9 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 1300-05-CB-06072016

Tot Ion:	264	Resp:	258886
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	16.9	25.3

