

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
 Data File : BF087847.D
 Acq On : 9 Jun 2016 12:41
 Operator : UM/SJ
 Sample : H3477-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1300-02-NW-06072016

Quant Time: Jun 09 14:23:22 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

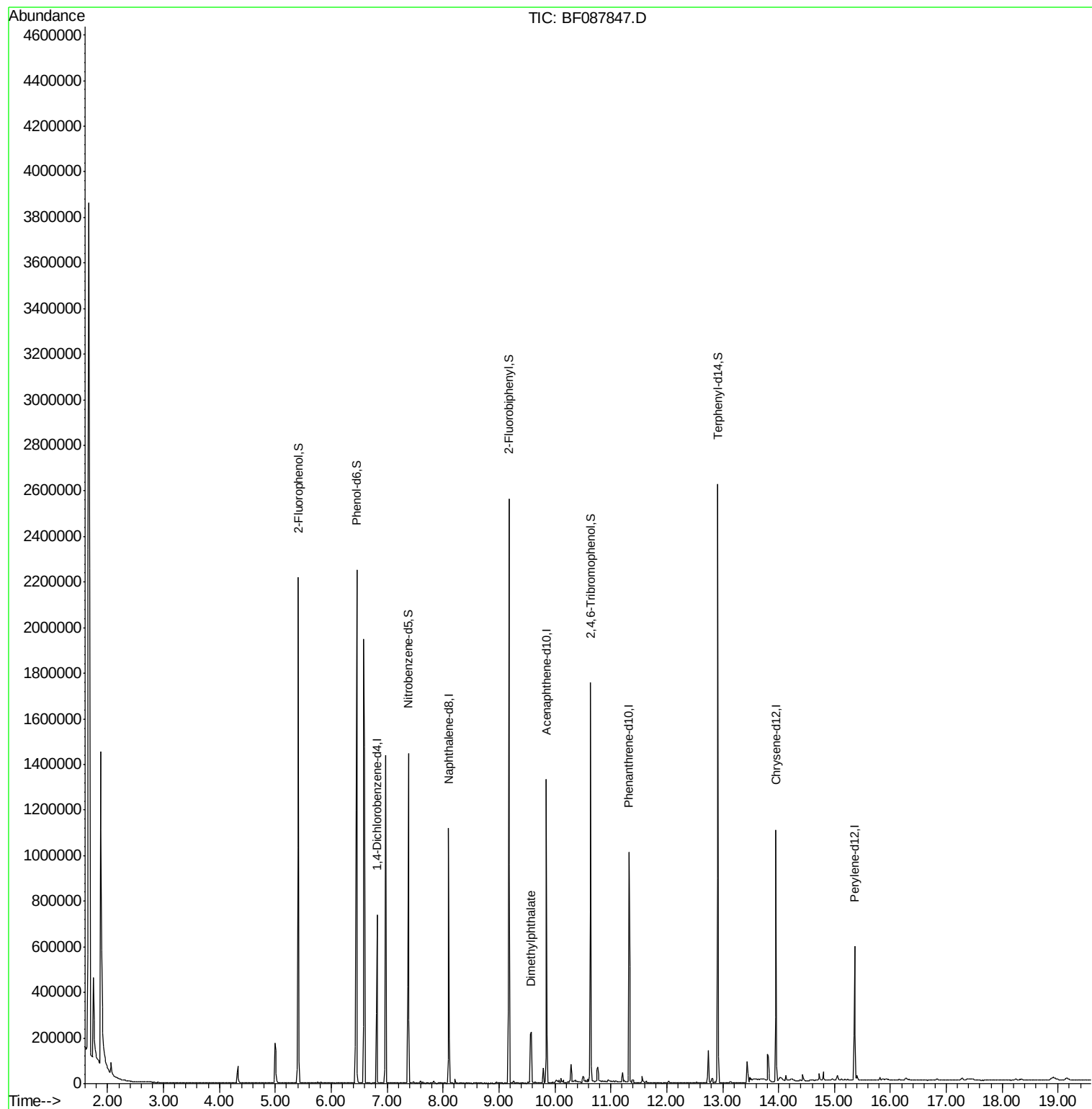
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	127817	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	493147	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	242408	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	425319	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	356913	20.00	ng	-0.03
86) Perylene-d12	15.36	264	251321	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	695571	93.03	ng	-0.01
7) Phenol-d6	6.46	99	934524	103.14	ng	-0.02
23) Nitrobenzene-d5	7.38	82	513613	60.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	224311	87.64	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	924773	58.18	ng	-0.03
78) Terphenyl-d14	12.91	244	804639	51.30	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.58	163	145673	8.30	ng	Qvalue 97

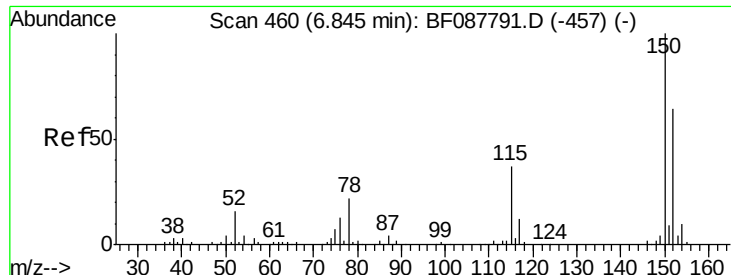
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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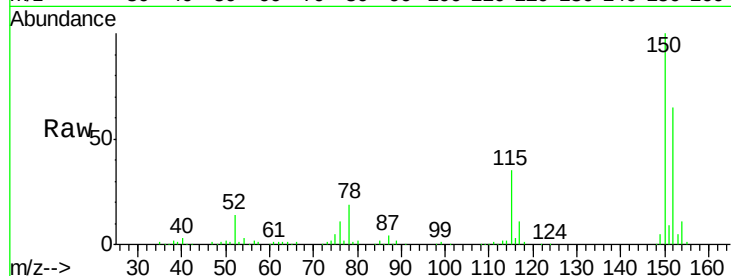


#1

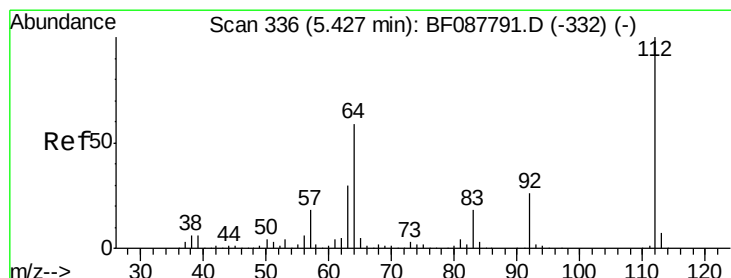
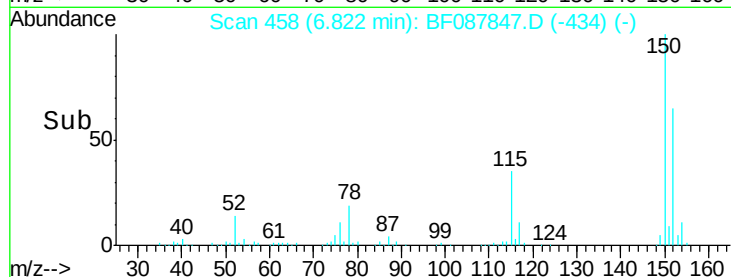
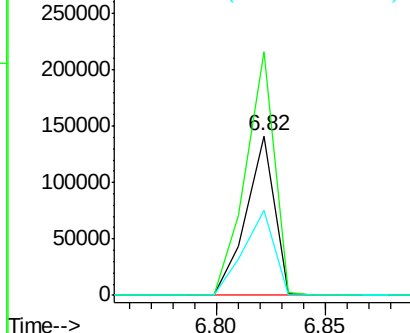
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087847.D
Acq: 9 Jun 2016 12:41

Instrument :
BNA_F
ClientSampleId :
1300-02-NW-06072016

Tot Ion	152	Resp	127817
Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.8	185.6
115	53.4	39.6	59.4



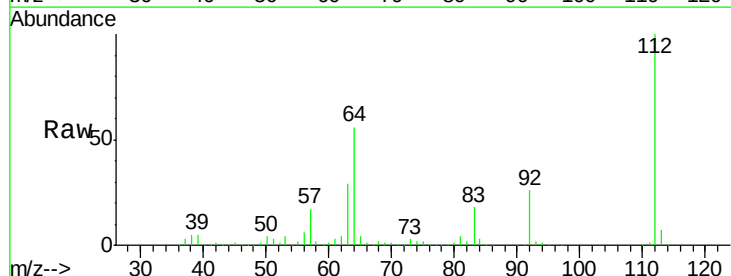
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



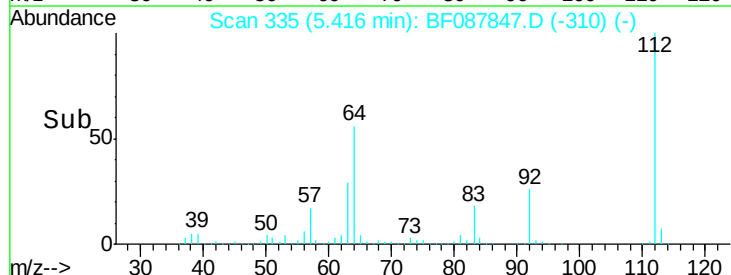
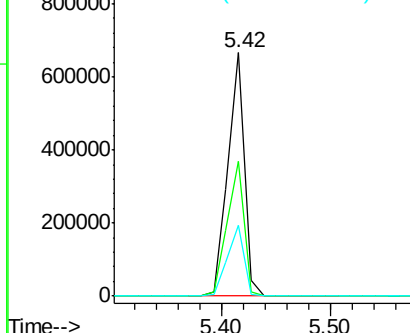
#5

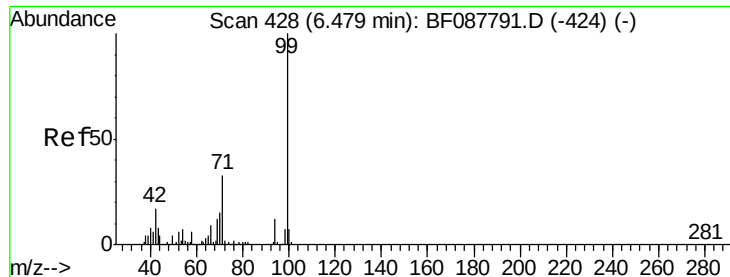
2-Fluorophenol
Concen: 93.03 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087847.D
Acq: 9 Jun 2016 12:41

Tgt Ion	112	Resp	695571
Ion	Ratio	Lower	Upper
112	100		
64	55.6	42.2	63.2
63	28.9	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: 103.14 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087847.D

Acq: 9 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

1300-02-NW-06072016

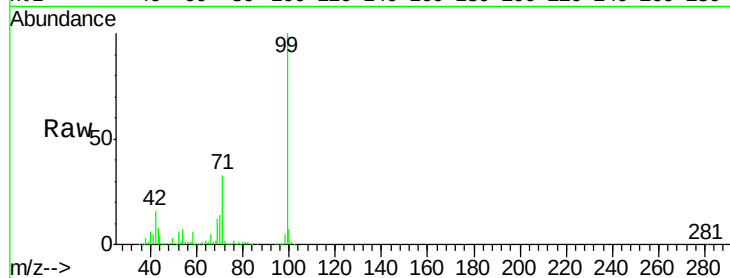
Tot Ion: 99 Resp: 934524

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

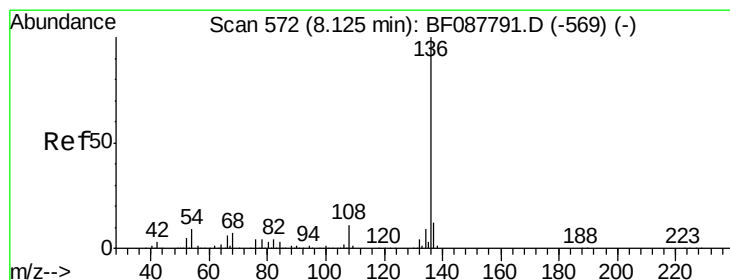
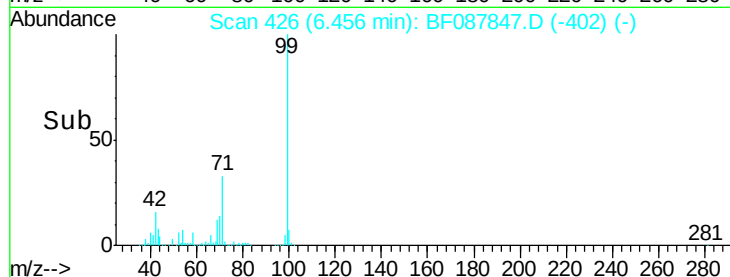
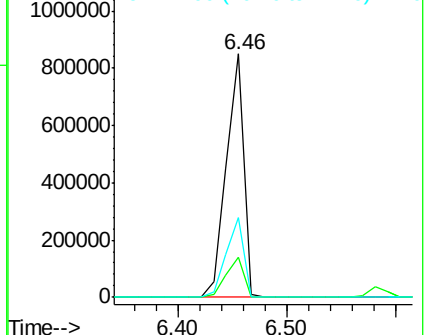
71 32.8 23.4 35.0



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: BF087847.D

Acq: 9 Jun 2016 12:41

Tgt Ion: 136 Resp: 493147

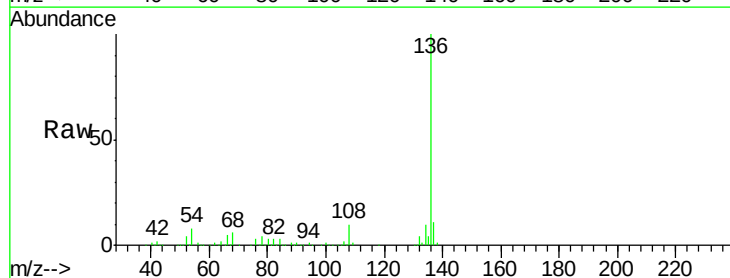
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.2 6.6 10.0

68 6.5 5.1 7.7

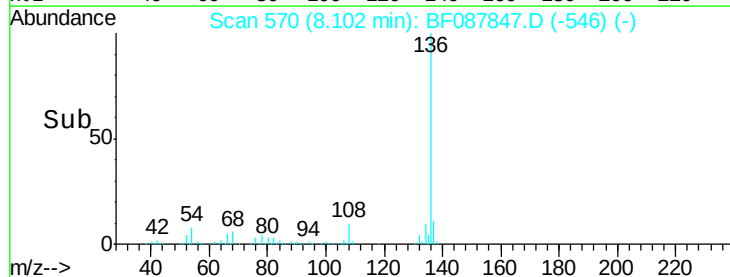
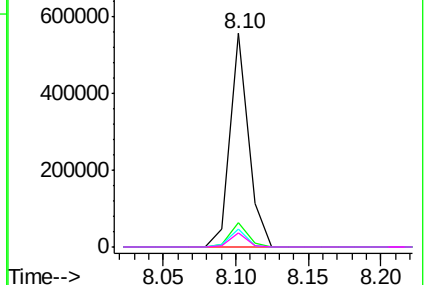


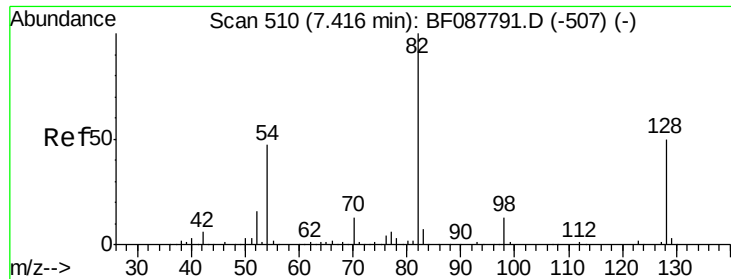
Abundance Ion 136.00 (135.70 to 136.70): E

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

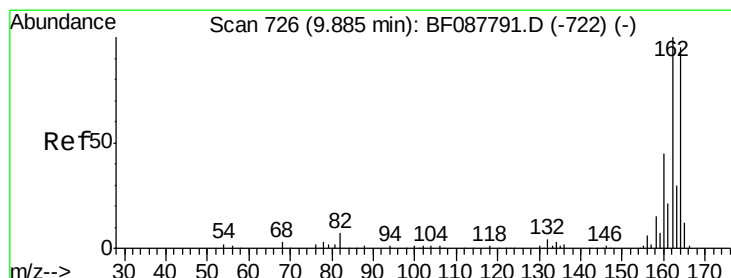
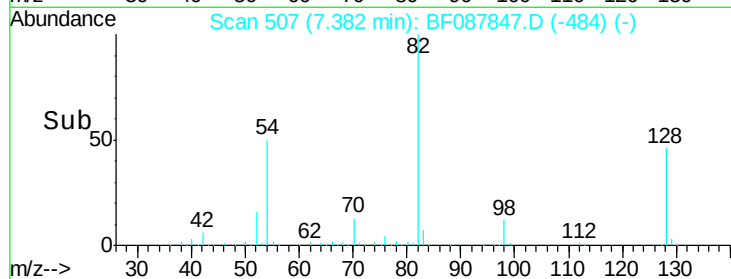
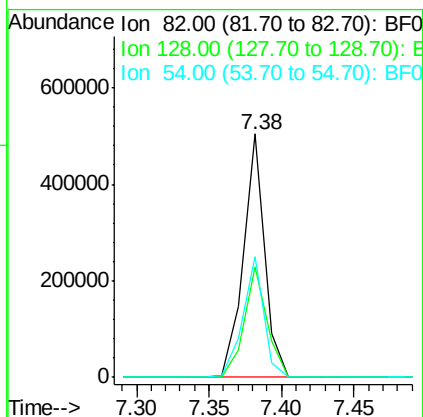
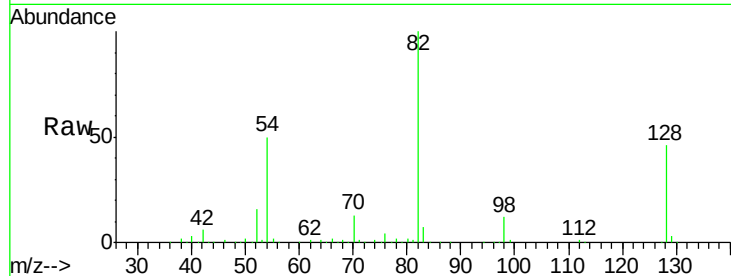




#23
 Nitrobenzene-d5
 Concen: 60.82 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF087847.D
 Acq: 9 Jun 2016 12:41

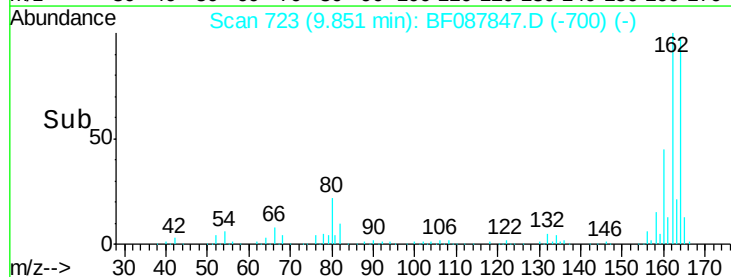
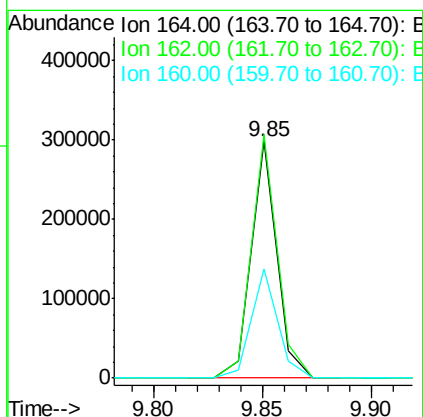
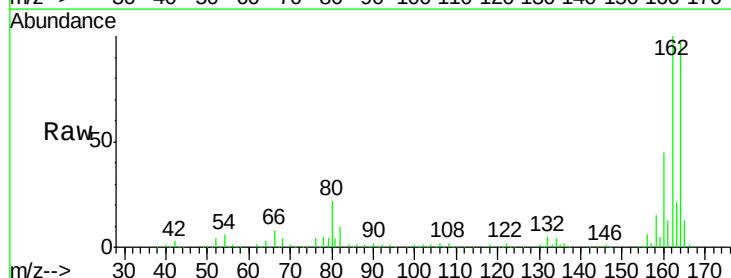
Instrument :
 BNA_F
 ClientSampleId :
 1300-02-NW-06072016

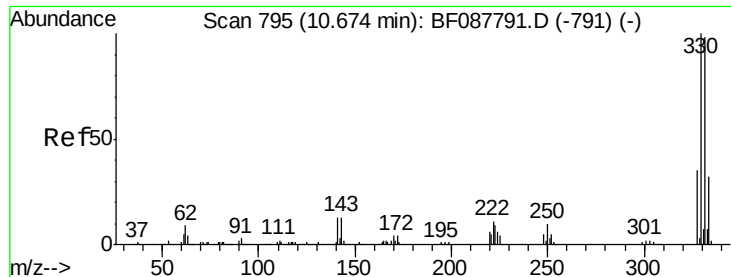
Tot Ion: 82 Resp: 513613
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.9 53.9
 54 49.6 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF087847.D
 Acq: 9 Jun 2016 12:41

Tgt Ion: 164 Resp: 242408
 Ion Ratio Lower Upper
 164 100
 162 102.8 85.4 128.2
 160 46.4 39.5 59.3

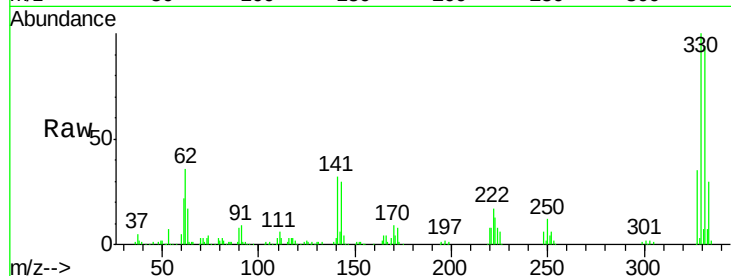




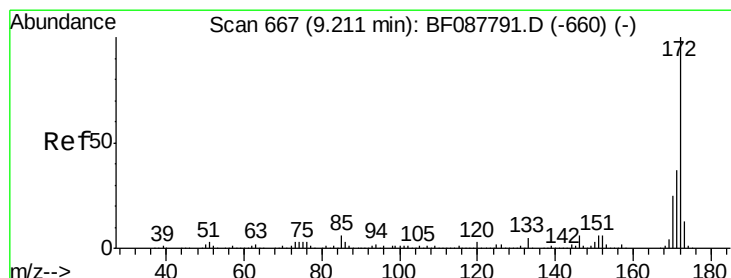
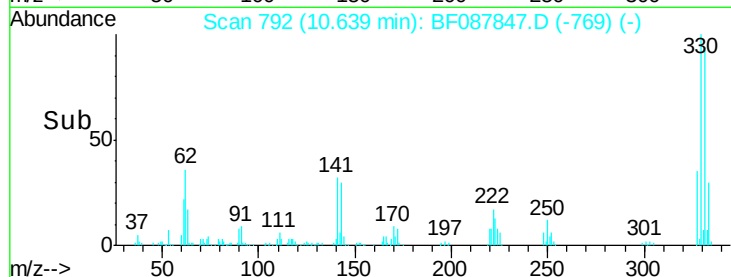
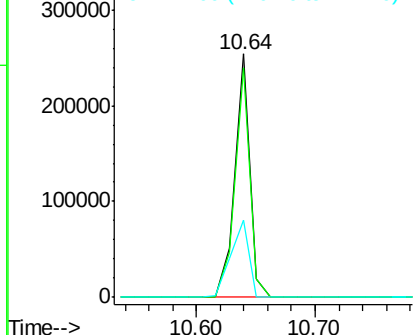
#41
 2,4,6-Tribromophenol
 Concen: 87.64 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087847.D
 Acq: 9 Jun 2016 12:41

Instrument :
 BNA_F
 ClientSampleId :
 1300-02-NW-06072016

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	37.9	0.0	0.0#

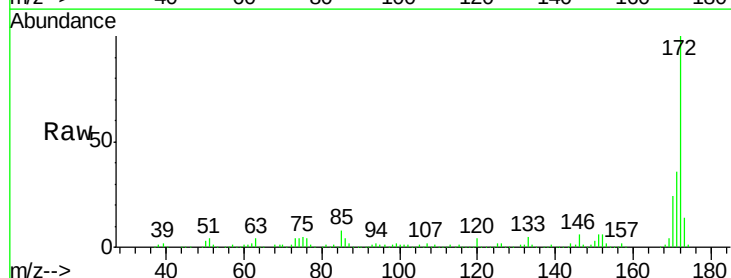


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

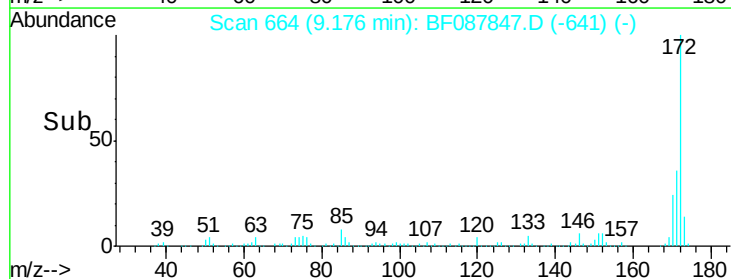
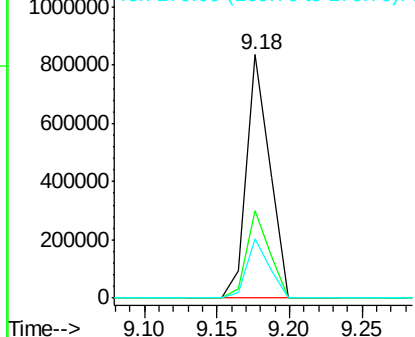


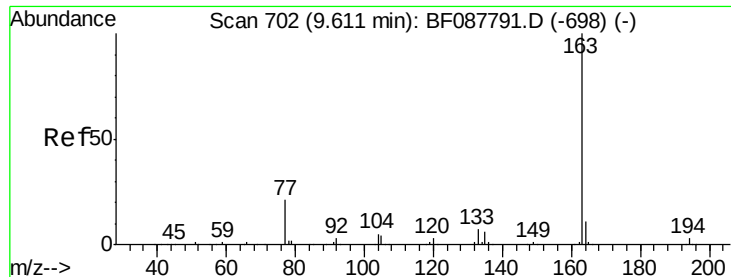
#44
 2-Fluorobiphenyl
 Concen: 58.18 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087847.D
 Acq: 9 Jun 2016 12:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.2	28.8



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





#49

Dimethylphthalate

Concen: 8.30 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087847.D

Acq: 9 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

1300-02-NW-06072016

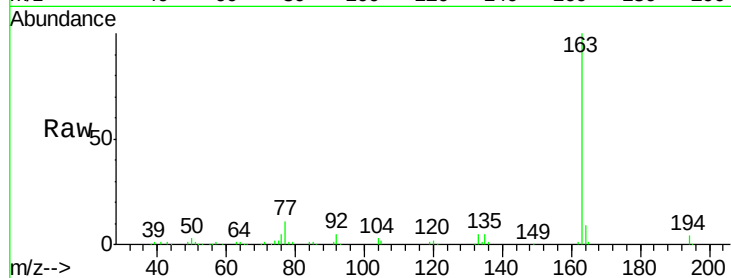
Tot Ion:163 Resp: 145673

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

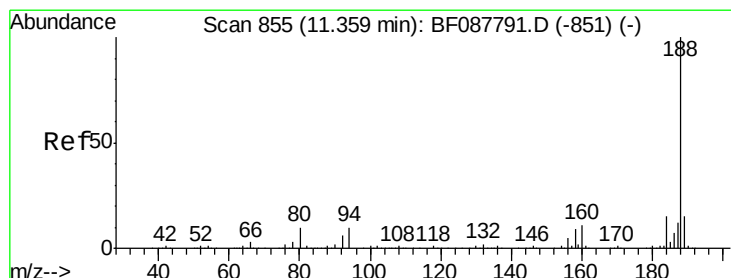
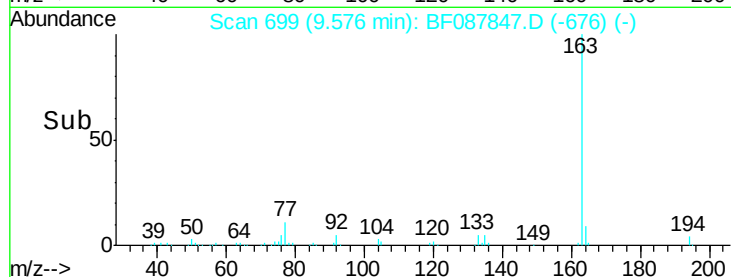
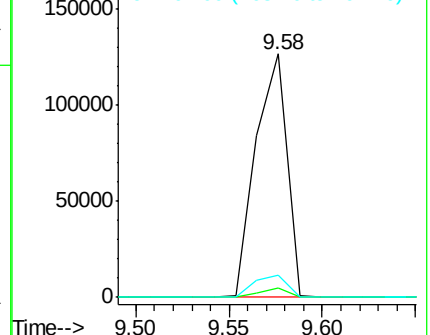
164 9.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF087847.D

Acq: 9 Jun 2016 12:41

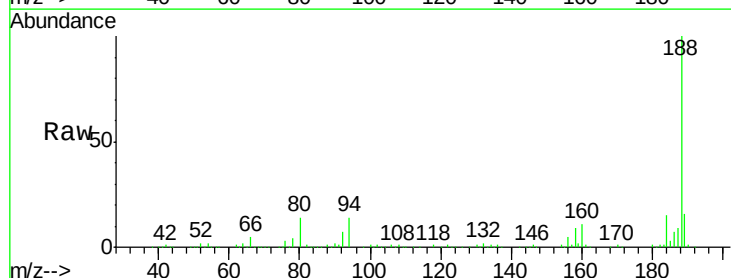
Tgt Ion:188 Resp: 425319

Ion Ratio Lower Upper

188 100

94 13.5 9.0 13.6

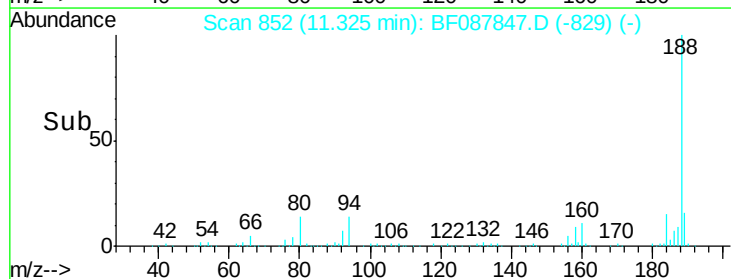
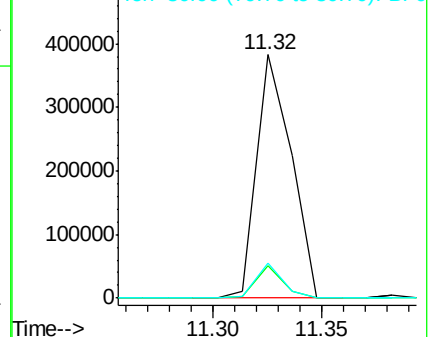
80 14.3 10.0 15.0

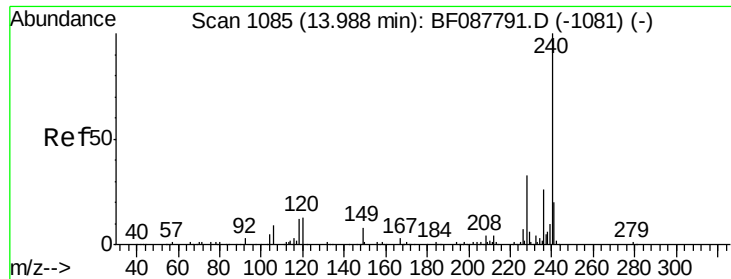


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087847.D

Acq: 9 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

1300-02-NW-06072016

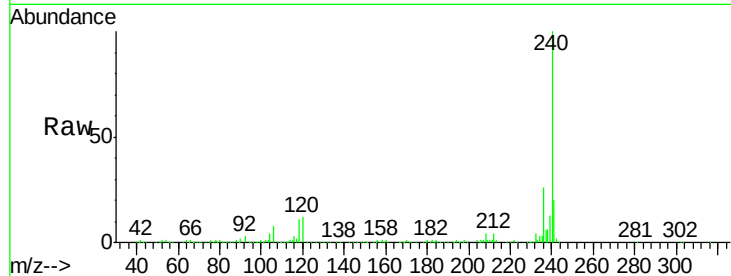
Tot Ion:240 Resp: 356913

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

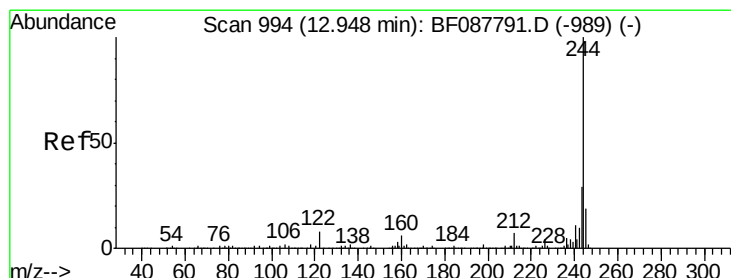
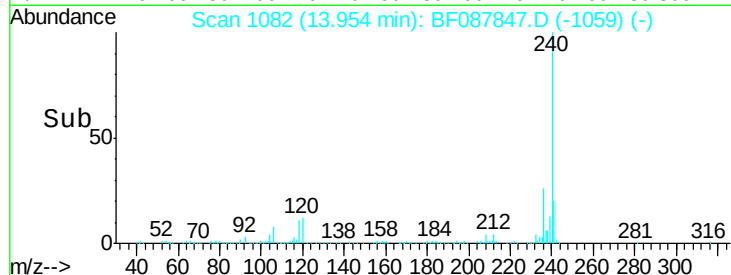
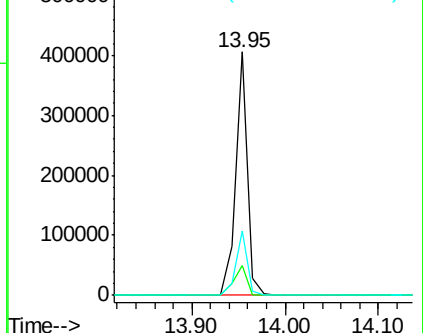
236 26.3 20.2 30.2



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: 51.30 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF087847.D

Acq: 9 Jun 2016 12:41

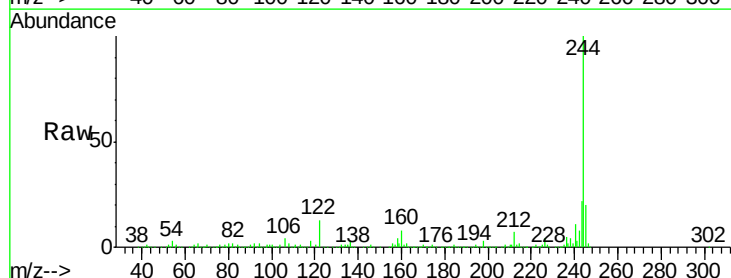
Tgt Ion:244 Resp: 804639

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

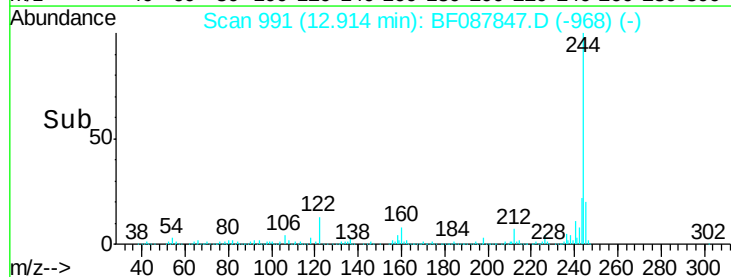
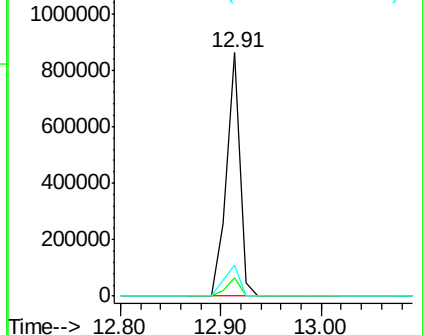
122 12.8 11.2 16.8

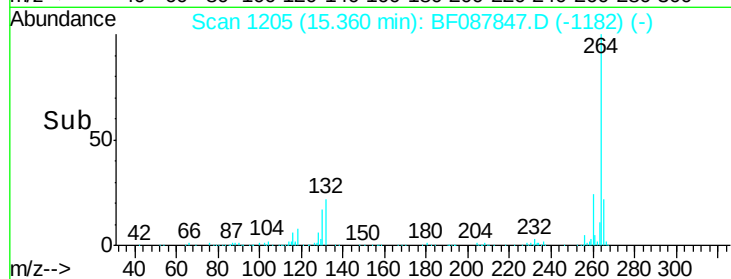
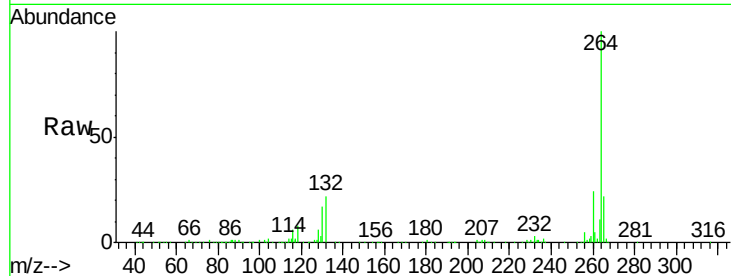
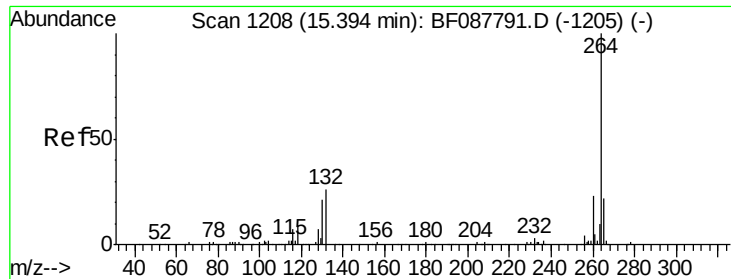


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087847.D
Acq: 9 Jun 2016 12:41

Instrument :
BNA_F
ClientSampleId :
1300-02-NW-06072016

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	16.9	25.3

