

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
 Data File : BF087898.D
 Acq On : 11 Jun 2016 3:25
 Operator : UM/SJ
 Sample : H3440-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PW-03

Quant Time: Jun 11 04:04:35 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

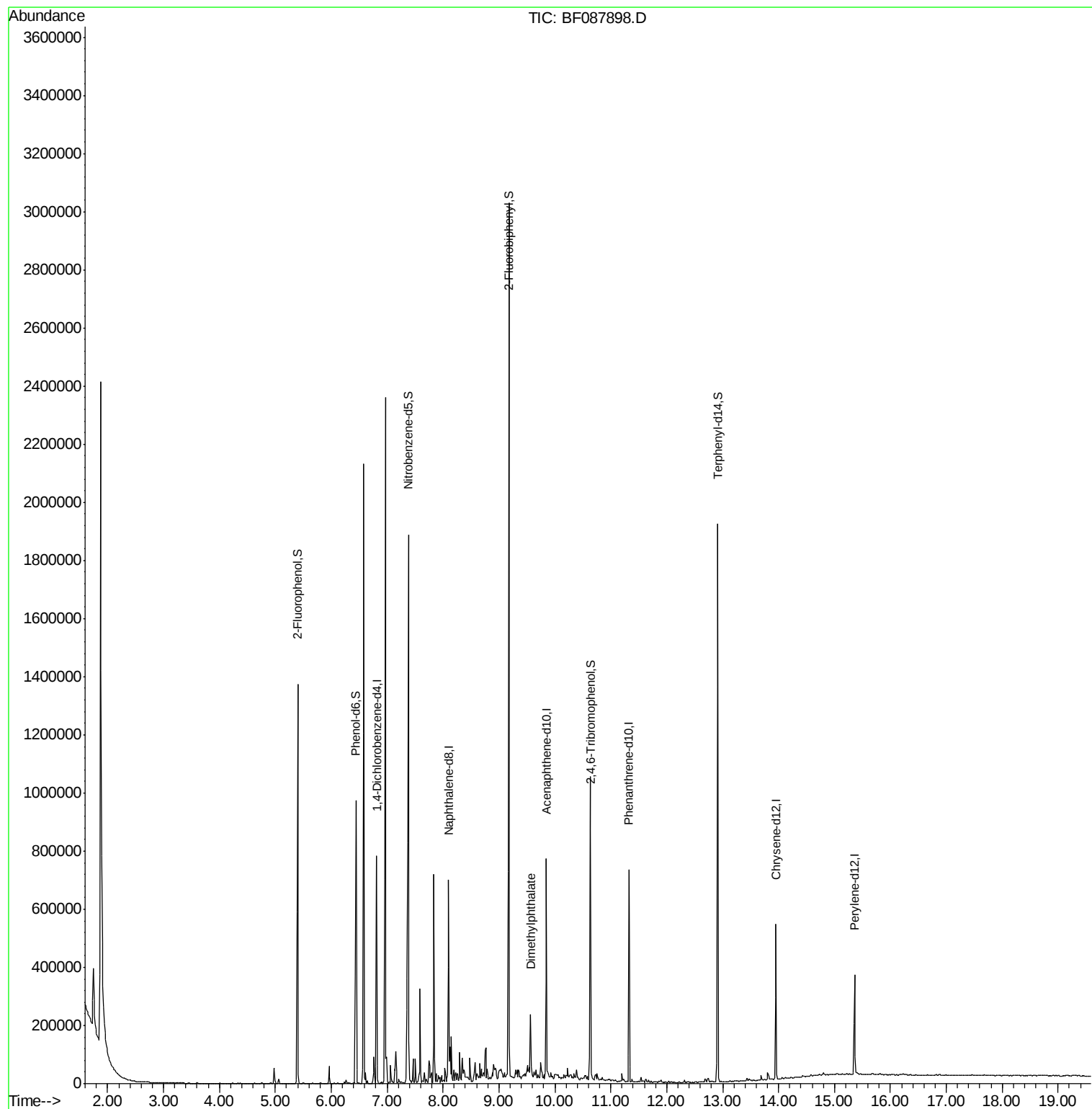
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	106679	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	352740	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	154224	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	240404	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	205504	20.00	ng	-0.03
86) Perylene-d12	15.36	264	149884	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	421510	67.55	ng	-0.02
7) Phenol-d6	6.44	99	363292	48.04	ng	-0.03
23) Nitrobenzene-d5	7.38	82	628187	103.99	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	180924	111.10	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	869655	88.83	ng	-0.03
78) Terphenyl-d14	12.91	244	775884	85.91	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.56	163	78560	7.03	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF087898.D

Acq: 11 Jun 2016 3:25

Instrument :

BNA_F

ClientSampleId :

PW-03

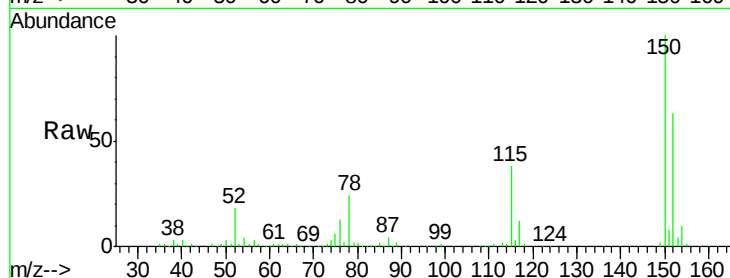
Tot Ion:152 Resp: 106679

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

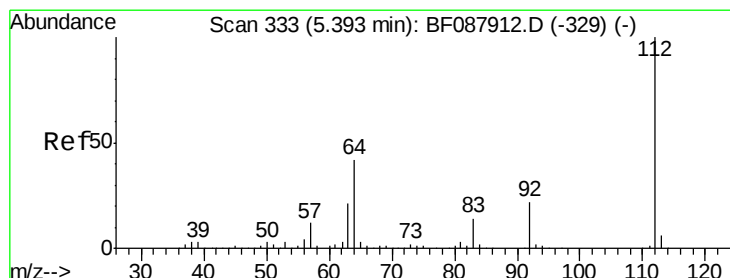
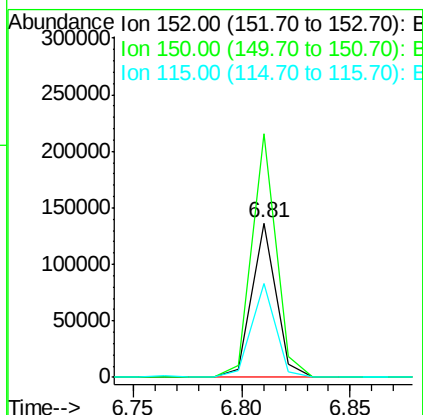
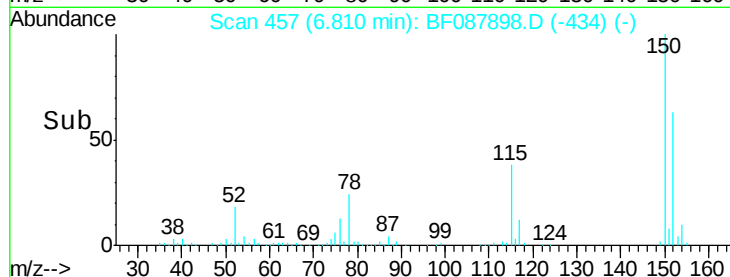
115 60.6 39.6 59.4#



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: 67.55 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF087898.D

Acq: 11 Jun 2016 3:25

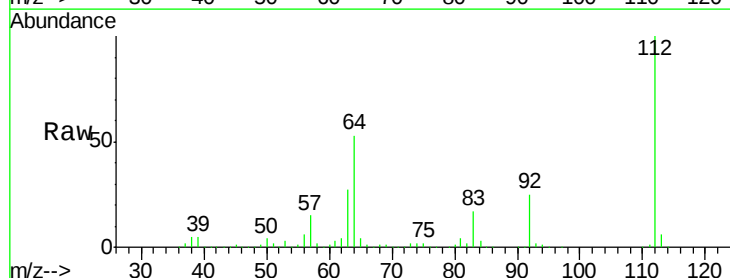
Tgt Ion:112 Resp: 421510

Ion Ratio Lower Upper

112 100

64 52.6 42.2 63.2

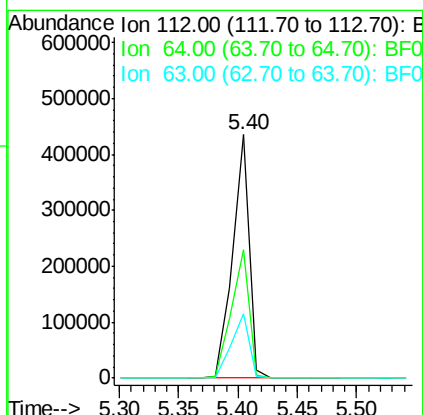
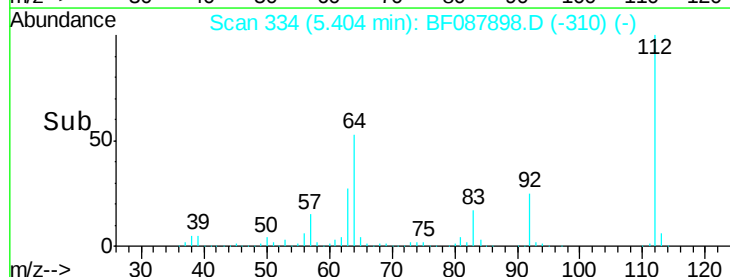
63 26.6 21.8 32.8



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: 48.04 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087898.D

Acq: 11 Jun 2016 3:25

Instrument :

BNA_F

ClientSampled :

PW-03

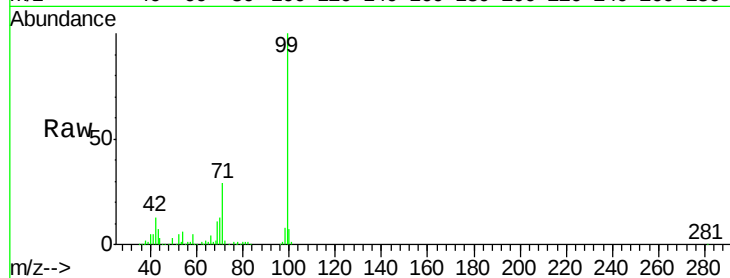
Tot Ion: 99 Resp: 363292

Ion Ratio Lower Upper

99 100

42 13.5 12.2 18.2

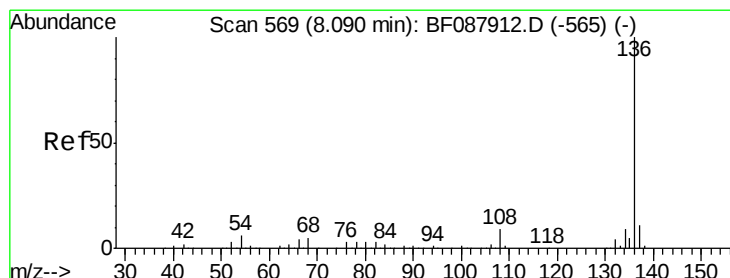
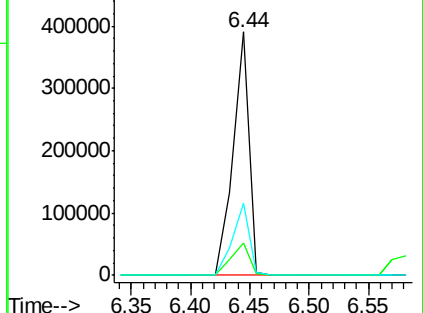
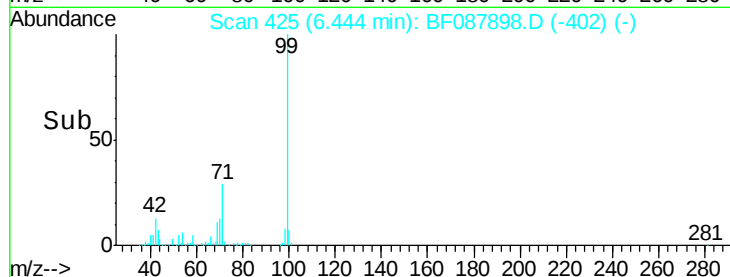
71 29.4 23.4 35.0



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: BF087898.D

Acq: 11 Jun 2016 3:25

Tgt Ion: 136 Resp: 352740

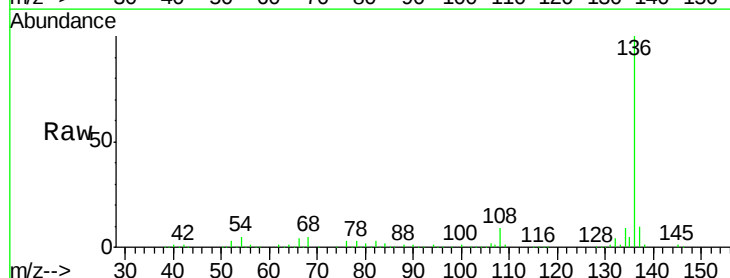
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.4 6.6 10.0#

68 4.5 5.1 7.7#

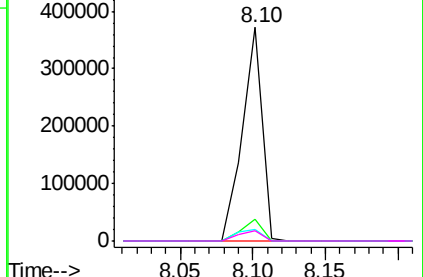
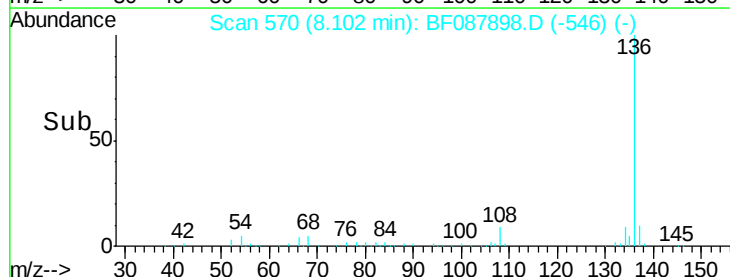


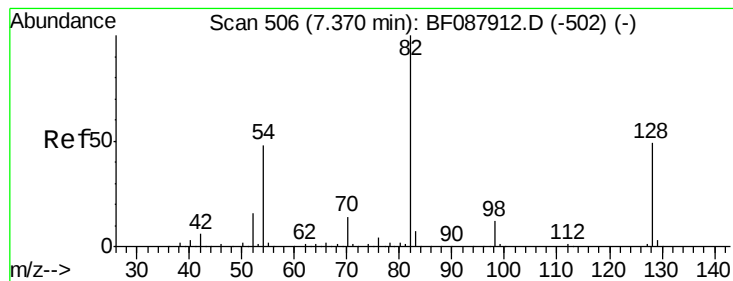
Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.99 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF087898.D

Acq: 11 Jun 2016 3:25

Instrument :

BNA_F

ClientSampleId :

PW-03

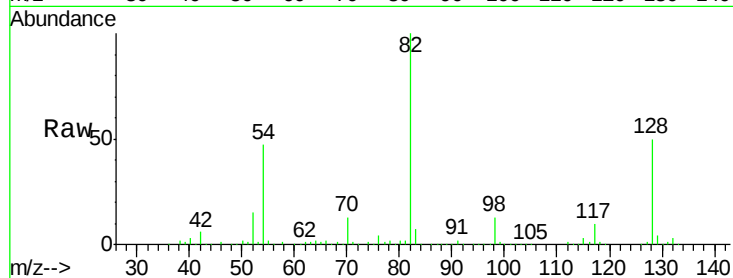
Tot Ion: 82 Resp: 628187

Ion Ratio Lower Upper

82 100

128 50.0 35.9 53.9

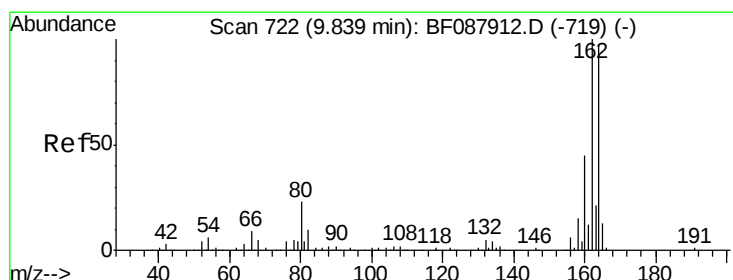
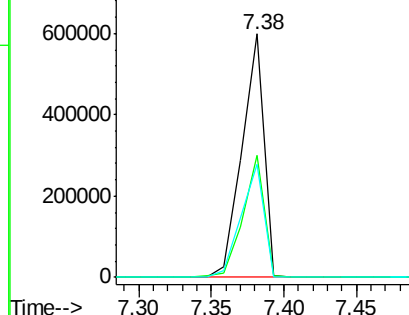
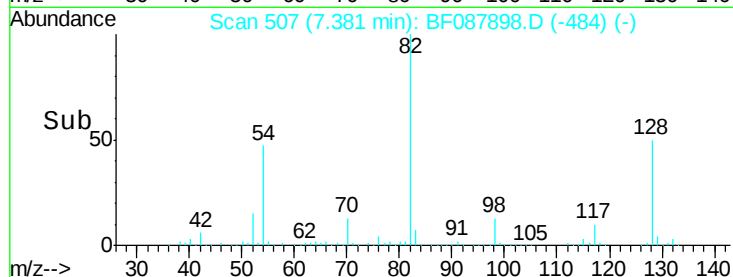
54 46.6 40.9 61.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF087898.D

Acq: 11 Jun 2016 3:25

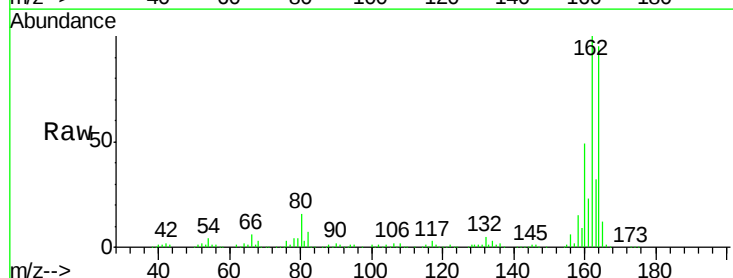
Tgt Ion:164 Resp: 154224

Ion Ratio Lower Upper

164 100

162 105.3 85.4 128.2

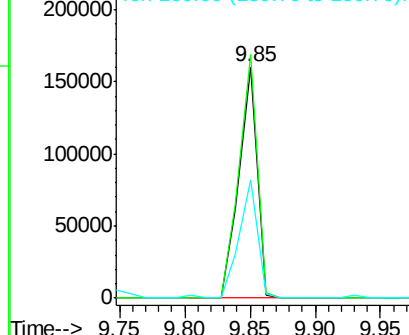
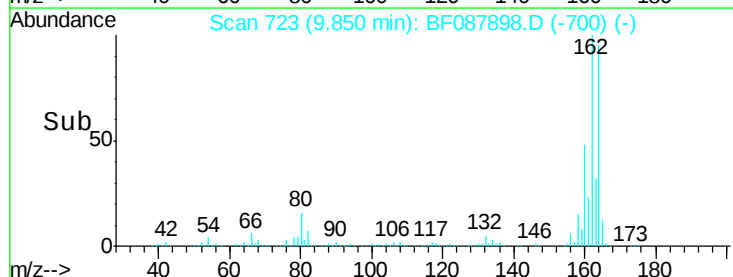
160 51.2 39.5 59.3



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

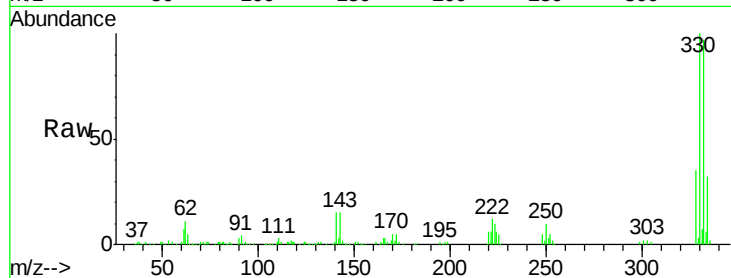




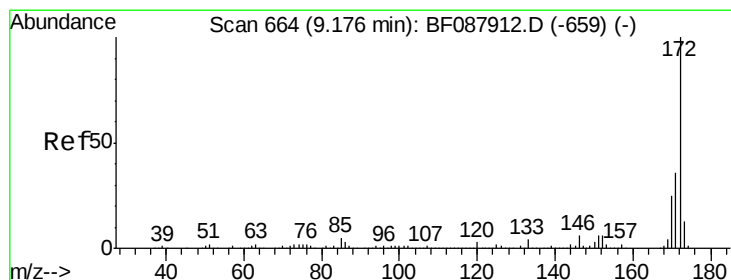
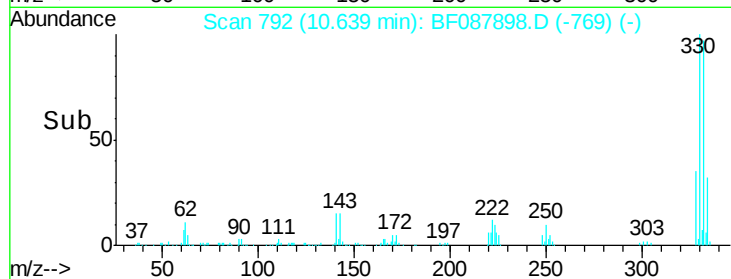
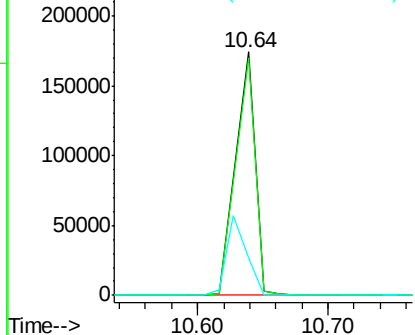
#41
 2,4,6-Tribromophenol
 Concen: 111.10 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087898.D
 Acq: 11 Jun 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 PW-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	33.7	0.0	0.0#

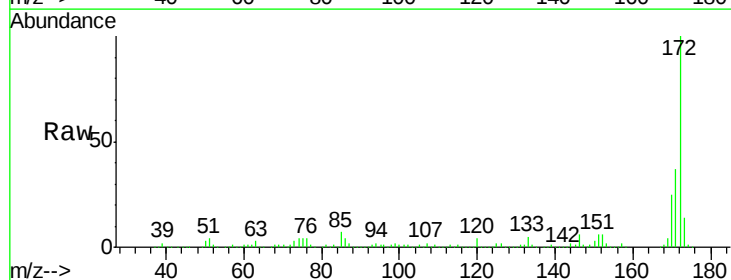


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

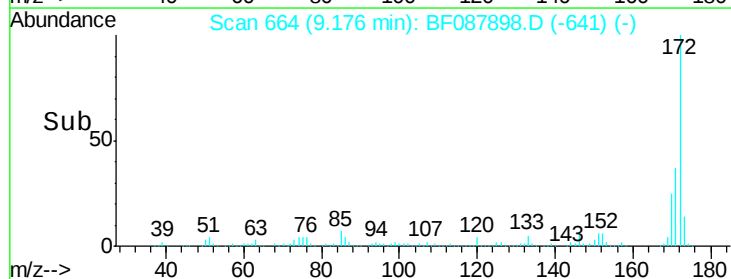
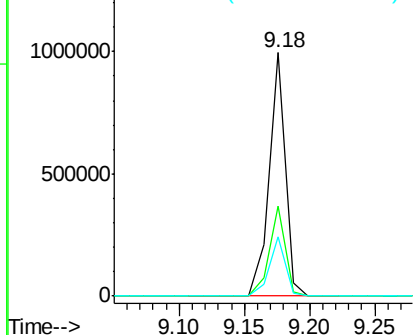


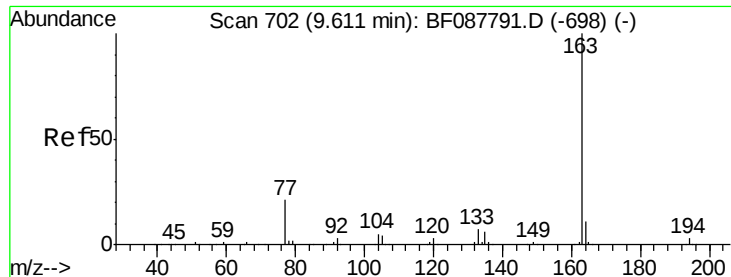
#44
 2-Fluorobiphenyl
 Concen: 88.83 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087898.D
 Acq: 11 Jun 2016 3:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.6	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

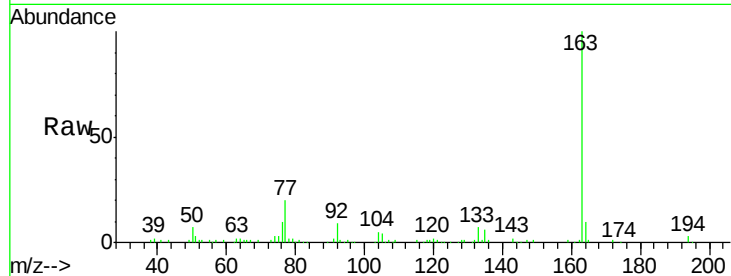




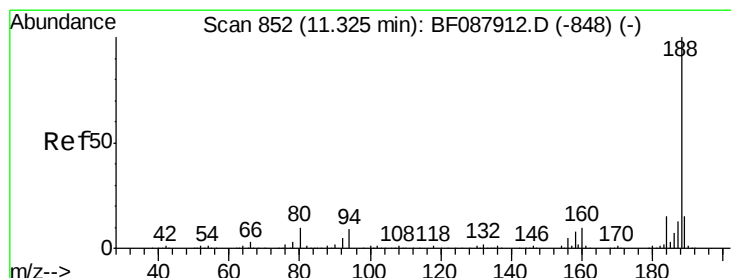
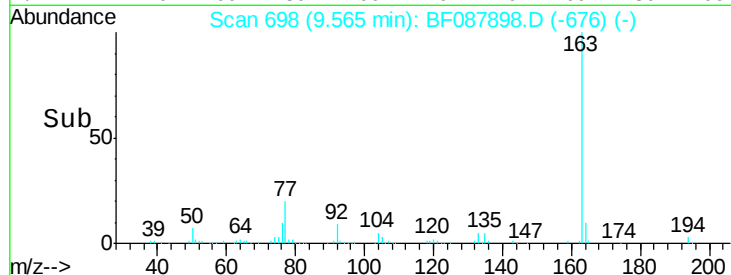
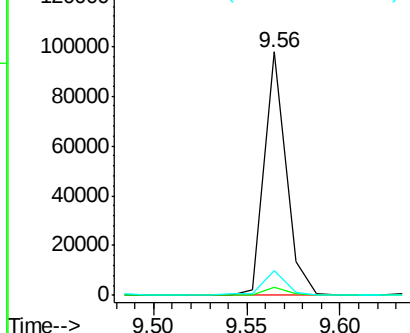
#49
Dimethylphthalate
Concen: 7.03 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087898.D
Acq: 11 Jun 2016 3:25

Instrument :
BNA_F
ClientSampleId :
PW-03

Tot Ion:163 Resp: 78560
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.4 8.3 12.5

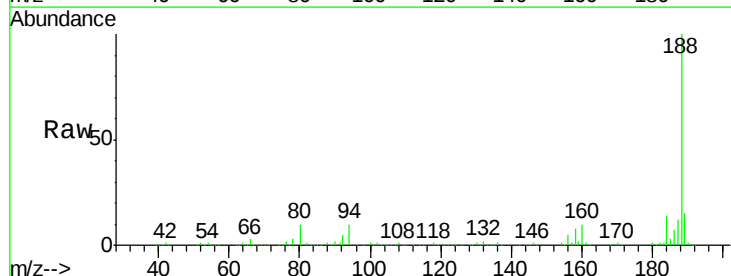


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

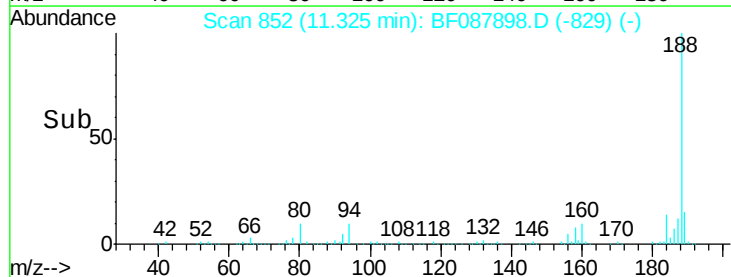
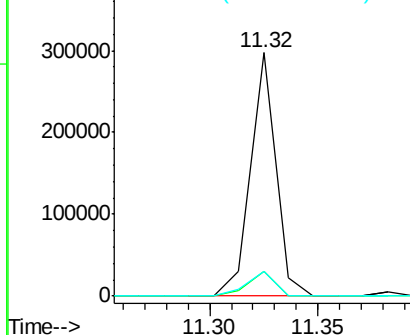


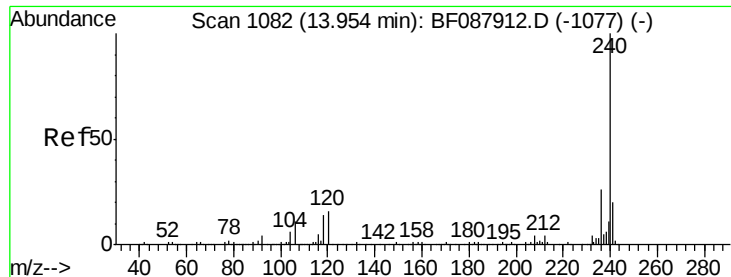
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087898.D
Acq: 11 Jun 2016 3:25

Tgt Ion:188 Resp: 240404
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 10.2 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: BF087898.D

Acq: 11 Jun 2016 3:25

Instrument :

BNA_F

ClientSampled :

PW-03

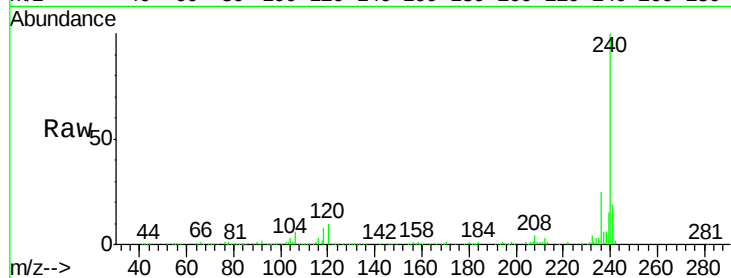
Tot Ion:240 Resp: 205504

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

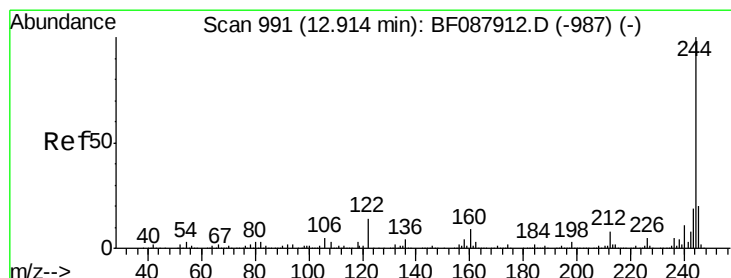
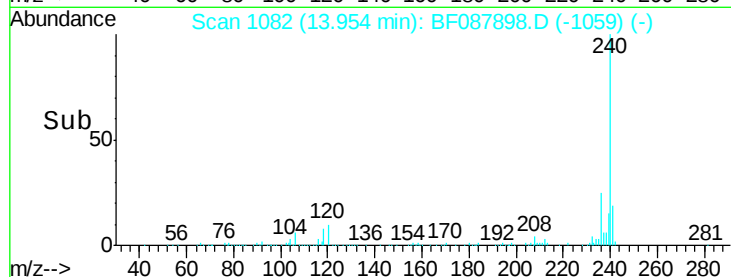
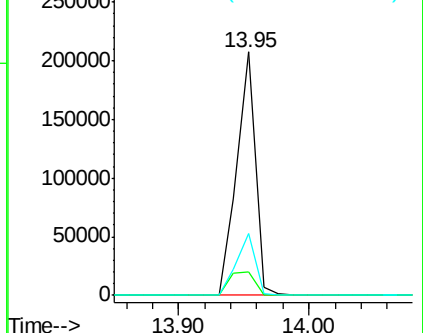
236 25.2 20.2 30.2



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: 85.91 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF087898.D

Acq: 11 Jun 2016 3:25

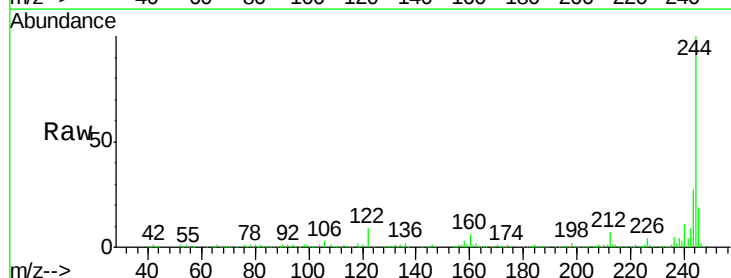
Tgt Ion:244 Resp: 775884

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

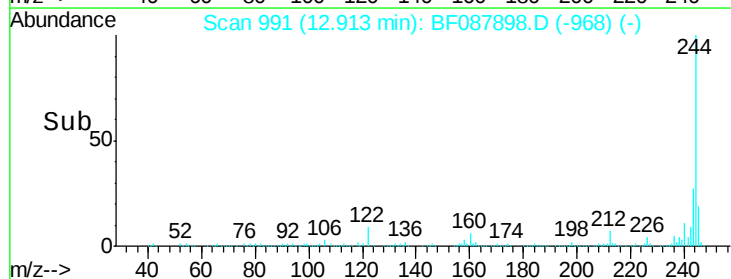
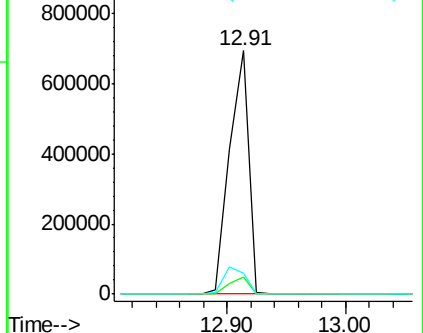
122 8.7 11.2 16.8#

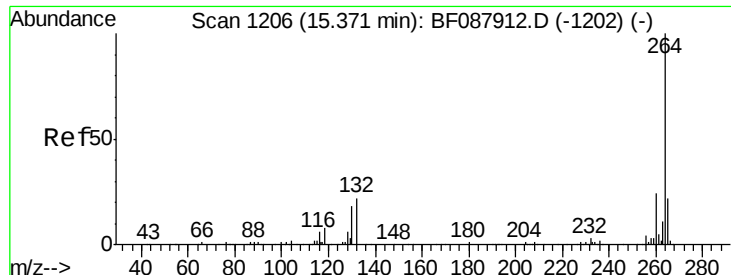


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



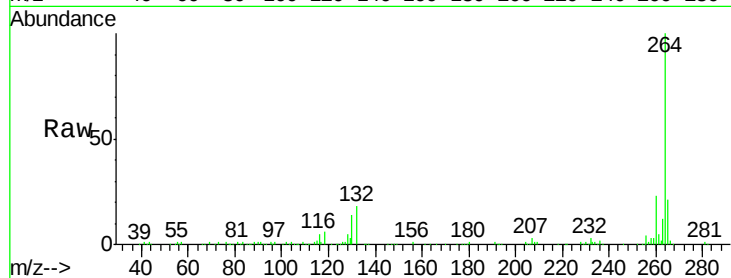


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087898.D
Acq: 11 Jun 2016 3:25

Instrument :
BNA_F
ClientSampleId :
PW-03

Tot Ion: 264 Resp: 149884

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	16.9	25.3



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

