

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF088002.D
 Acq On : 14 Jun 2016 11:39
 Operator : UM/SJ
 Sample : H3440-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-06

Quant Time: Jun 14 15:22:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117134	20.00	ng	0.01
21) Naphthalene-d8	8.08	136	423062	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	202039	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	281529	20.00	ng	0.00
75) Chrysene-d12	13.95	240	228984	20.00	ng	0.00
86) Perylene-d12	15.36	264	196218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	468668	68.40	ng	0.01
7) Phenol-d6	6.43	99	403414	48.58	ng	0.00
23) Nitrobenzene-d5	7.37	82	694276	95.83	ng	0.01
41) 2,4,6-Tribromophenol	10.63	330	190702	89.39	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	982009	75.75	ng	0.00
78) Terphenyl-d14	12.90	244	791875	78.69	ng	0.00

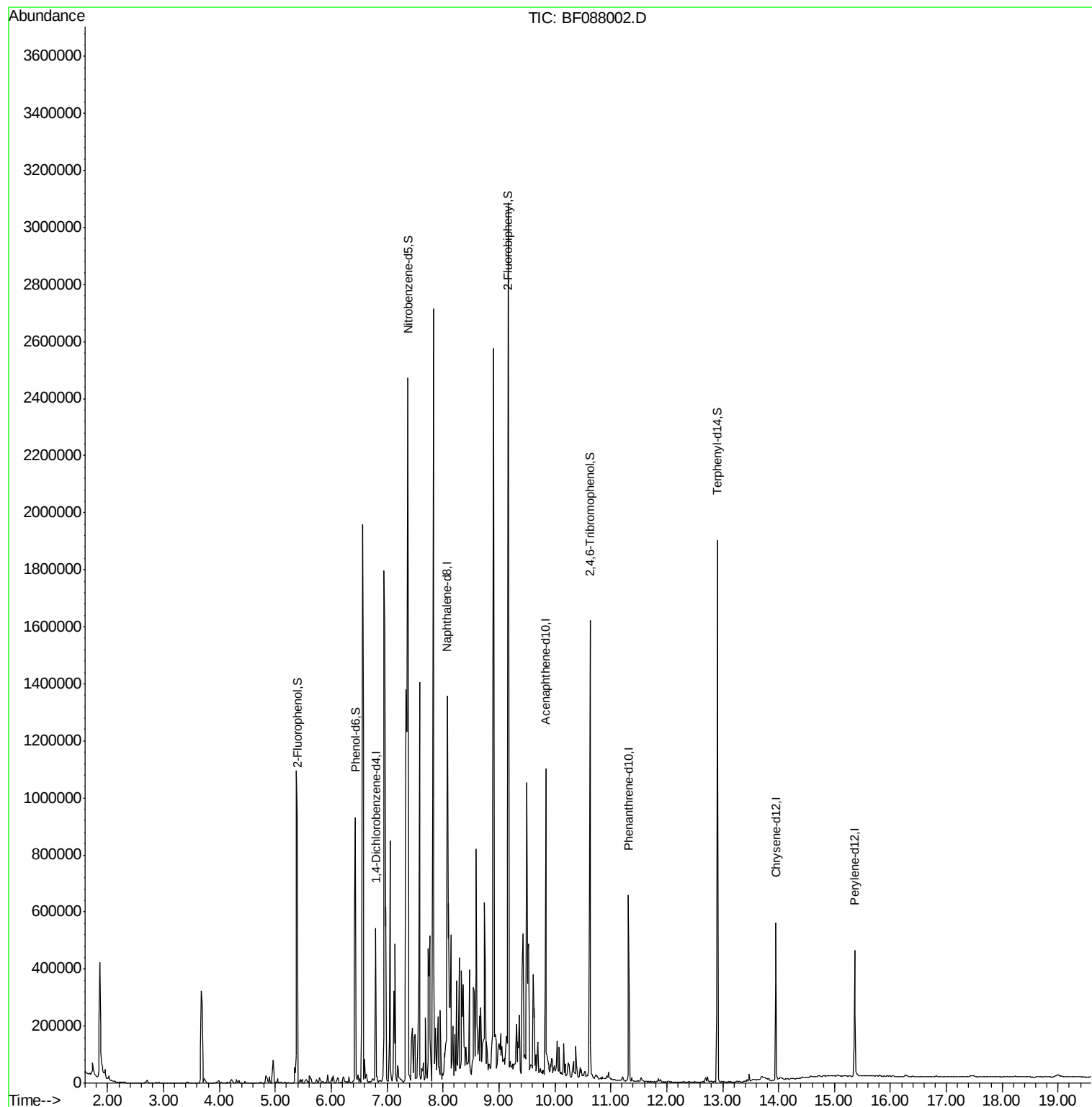
Target Compounds Qvalue

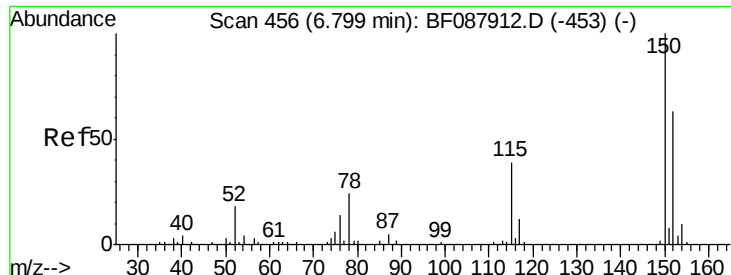
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF088002.D

Acq: 14 Jun 2016 11:39

Instrument :

BNA_F

ClientSampleId :

W-06

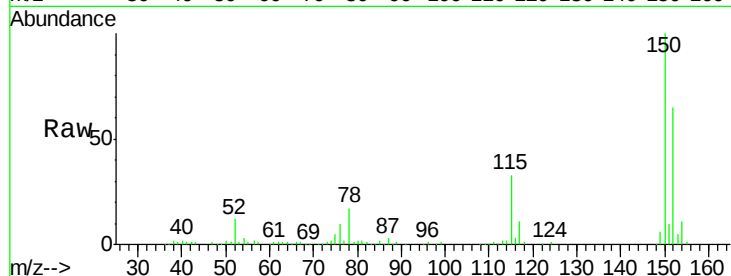
Tot Ion:152 Resp: 117134

Ion Ratio Lower Upper

152 100

150 153.6 123.8 185.6

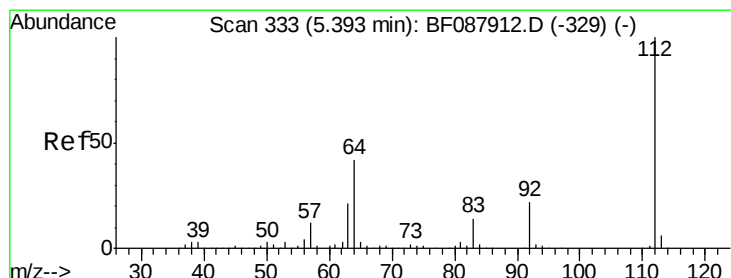
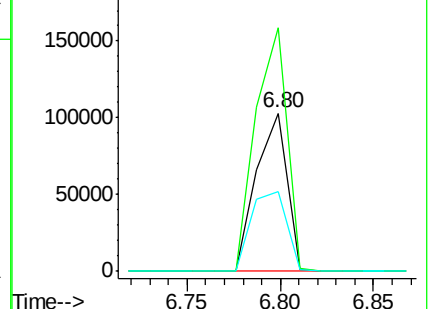
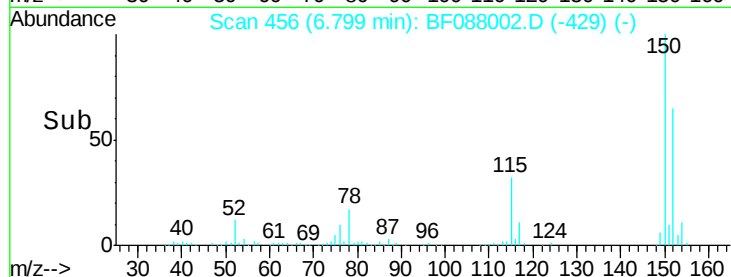
115 50.3 39.6 59.4



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: 68.40 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF088002.D

Acq: 14 Jun 2016 11:39

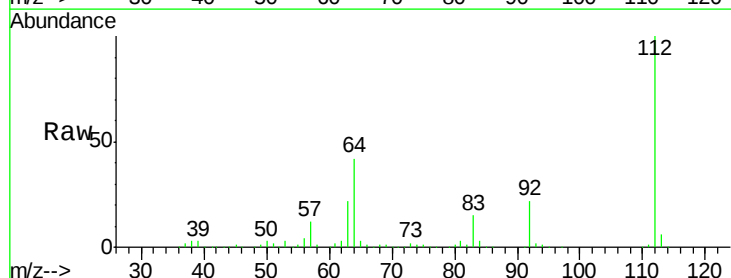
Tgt Ion:112 Resp: 468668

Ion Ratio Lower Upper

112 100

64 42.3 42.2 63.2

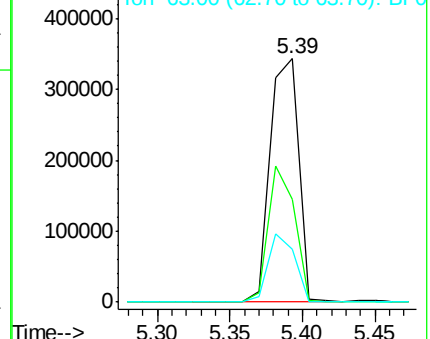
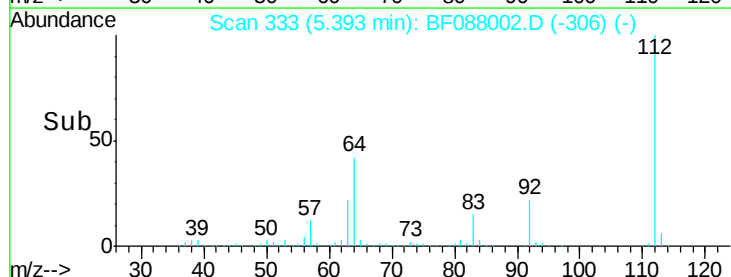
63 21.6 21.8 32.8#

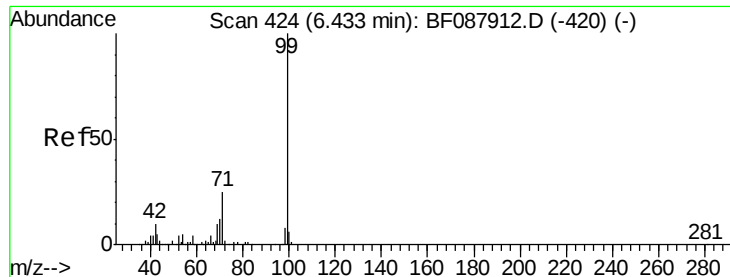


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.58 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF088002.D

Acq: 14 Jun 2016 11:39

Instrument :

BNA_F

ClientSampled :

W-06

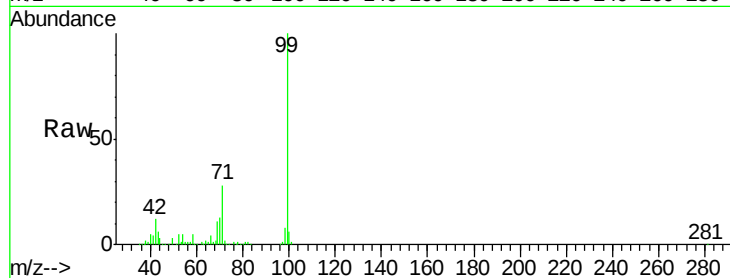
Tot Ion: 99 Resp: 403414

Ion Ratio Lower Upper

99 100

42 12.3 12.2 18.2

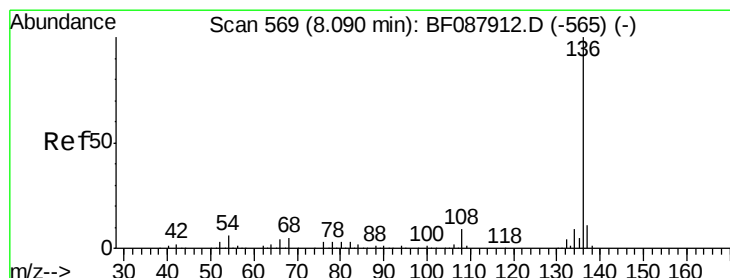
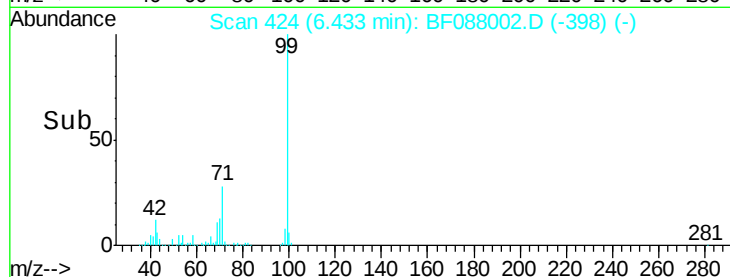
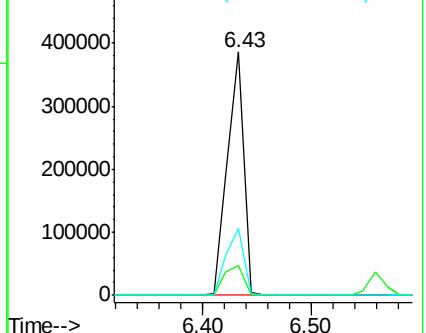
71 27.8 23.4 35.0



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: 8.08 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF088002.D

Acq: 14 Jun 2016 11:39

Tgt Ion: 136 Resp: 423062

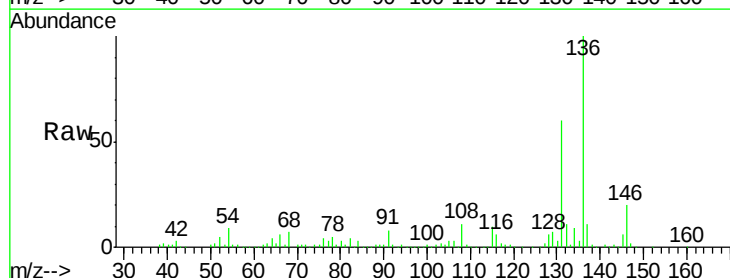
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.3 6.6 10.0

68 7.4 5.1 7.7

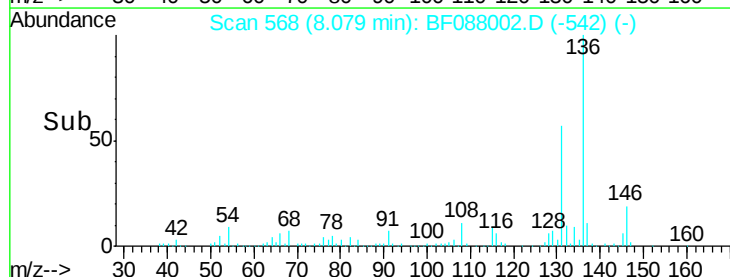
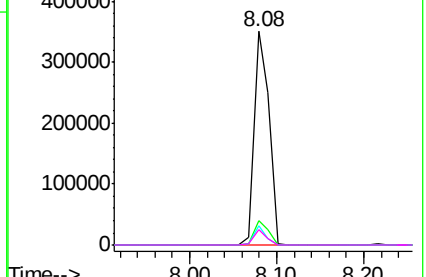


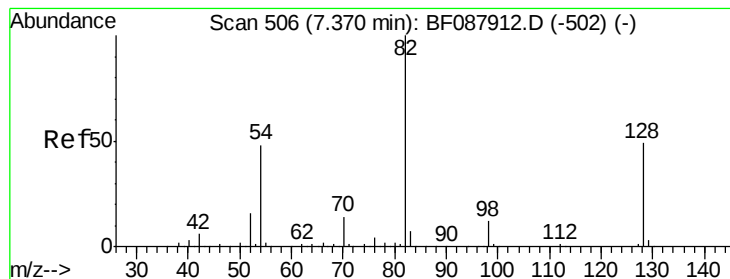
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.83 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF088002.D

Acq: 14 Jun 2016 11:39

Instrument :

BNA_F

ClientSampleId :

W-06

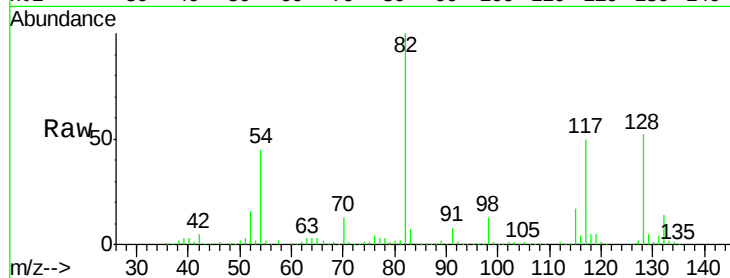
Tot Ion: 82 Resp: 694276

Ion Ratio Lower Upper

82 100

128 51.6 35.9 53.9

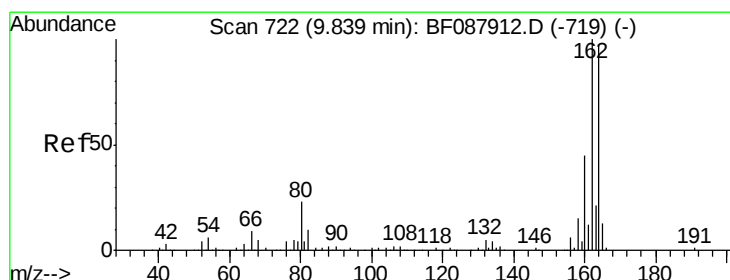
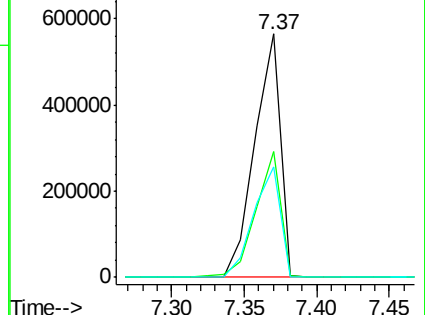
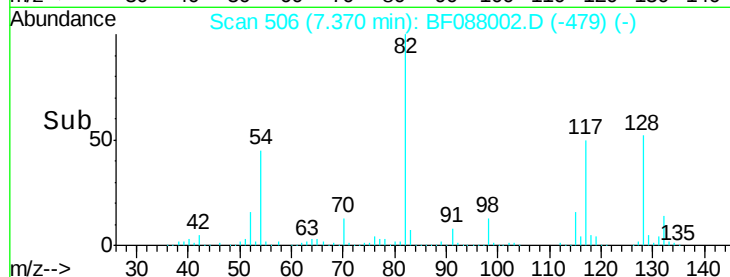
54 45.5 40.9 61.3



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: 9.84 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF088002.D

Acq: 14 Jun 2016 11:39

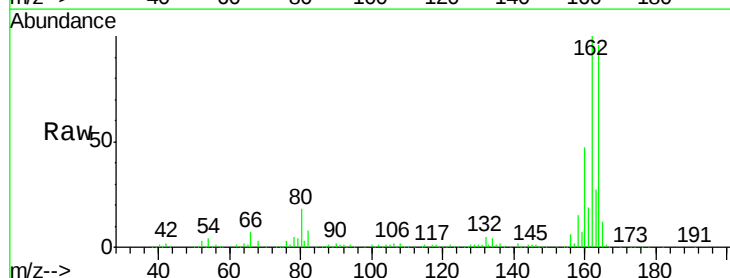
Tgt Ion:164 Resp: 202039

Ion Ratio Lower Upper

164 100

162 104.1 85.4 128.2

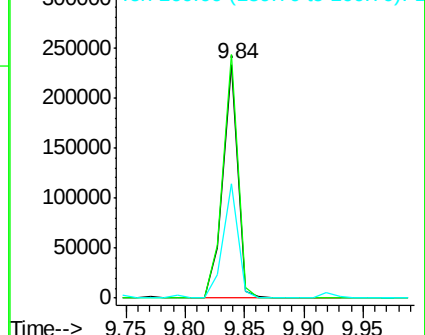
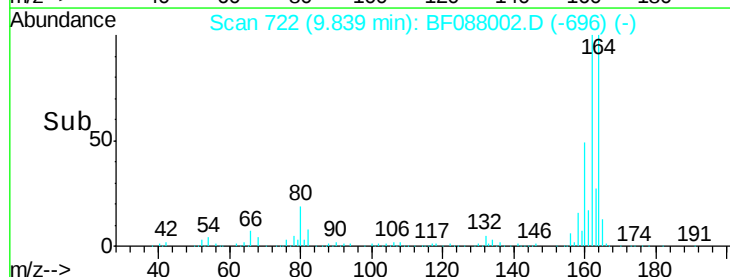
160 49.0 39.5 59.3

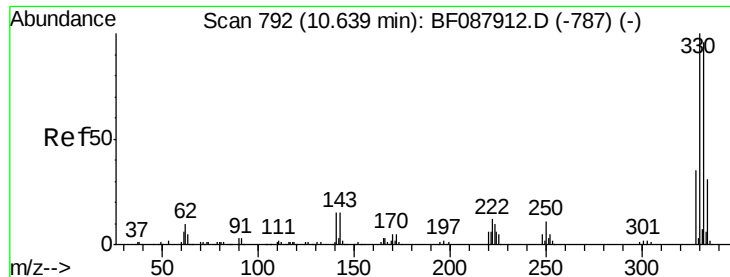


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

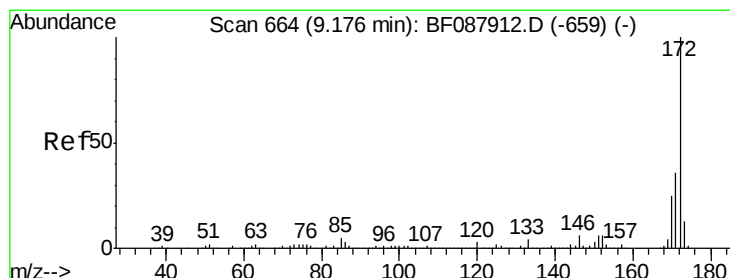
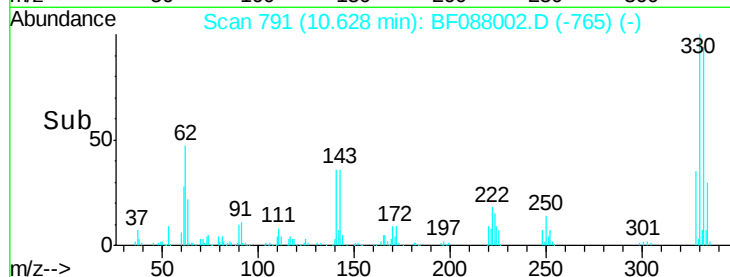
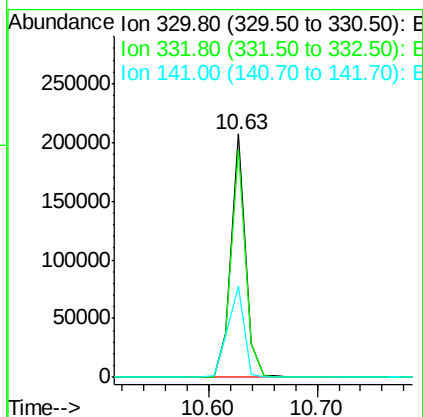
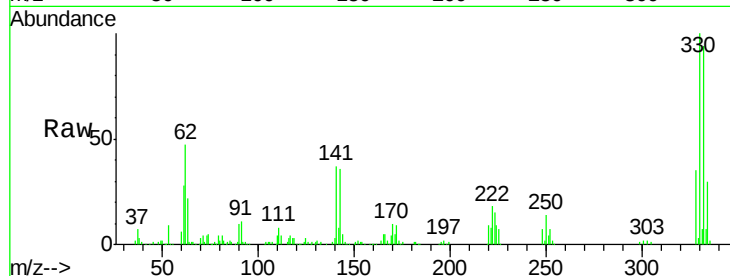




#41
 2,4,6-Tribromophenol
 Concen: 89.39 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF088002.D
 Acq: 14 Jun 2016 11:39

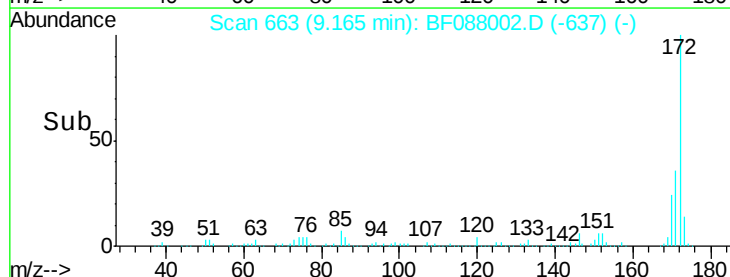
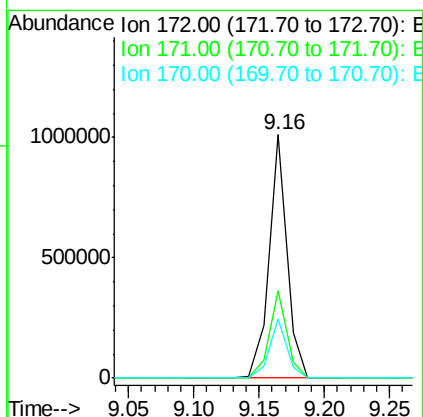
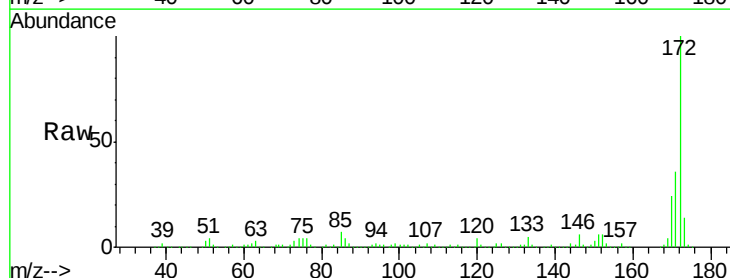
Instrument :
 BNA_F
 ClientSampled :
 W-06

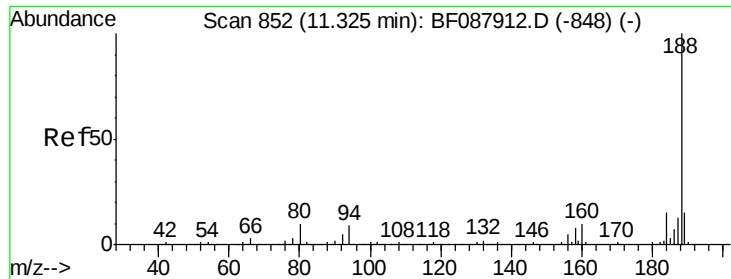
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	41.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 75.75 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF088002.D
 Acq: 14 Jun 2016 11:39

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

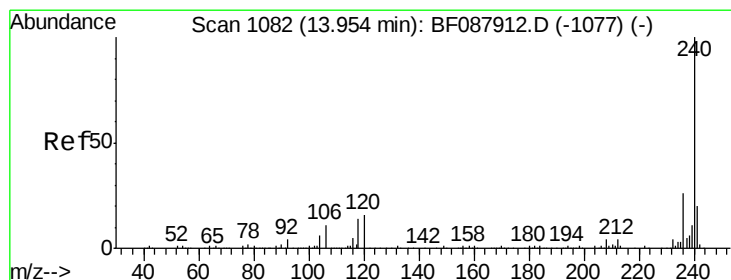
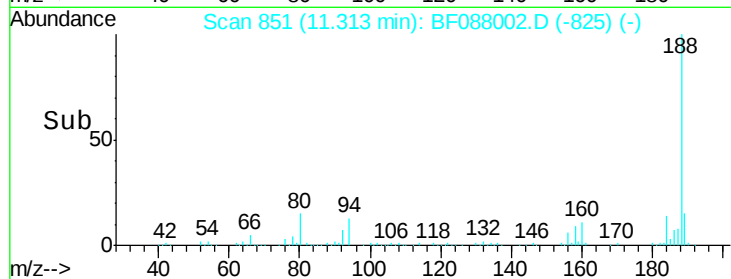
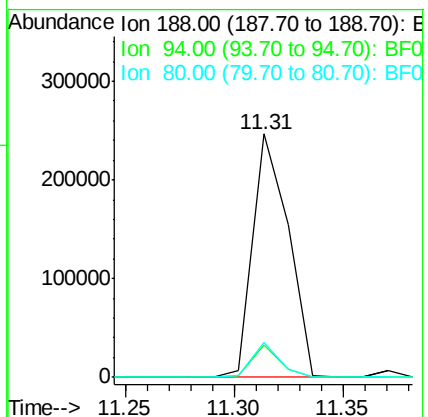
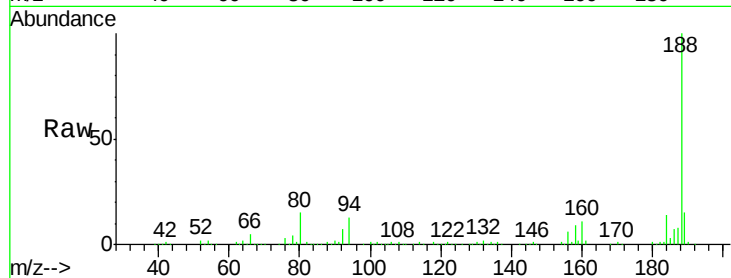




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF088002.D
Acq: 14 Jun 2016 11:39

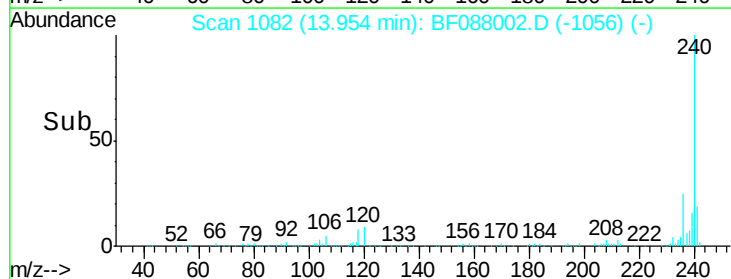
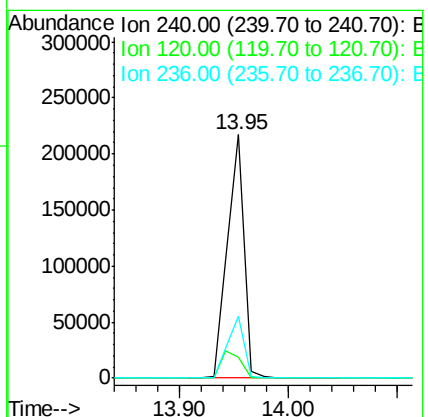
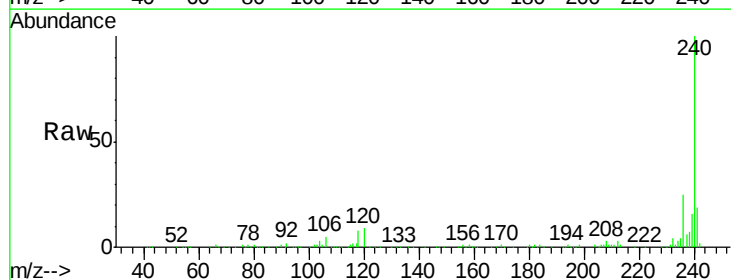
Instrument :
BNA_F
ClientSampleId :
W-06

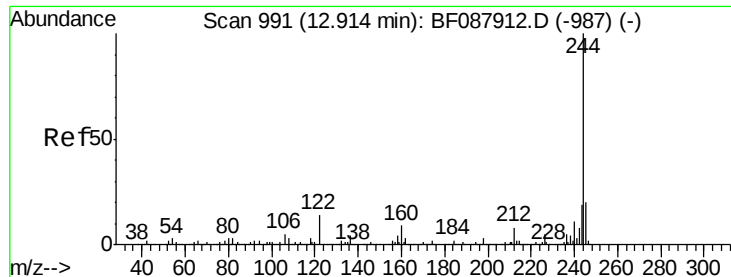
Tot Ion:188 Resp: 281529
Ion Ratio Lower Upper
188 100
94 13.2 9.0 13.6
80 14.6 10.0 15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088002.D
Acq: 14 Jun 2016 11:39

Tgt Ion:240 Resp: 228984
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 25.4 20.2 30.2





#78

Terphenyl-d14

Concen: 78.69 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF088002.D

Acq: 14 Jun 2016 11:39

Instrument :

BNA_F

ClientSampleId :

W-06

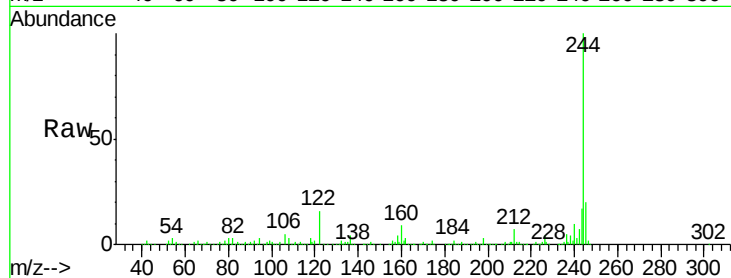
Tot Ion:244 Resp: 791875

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

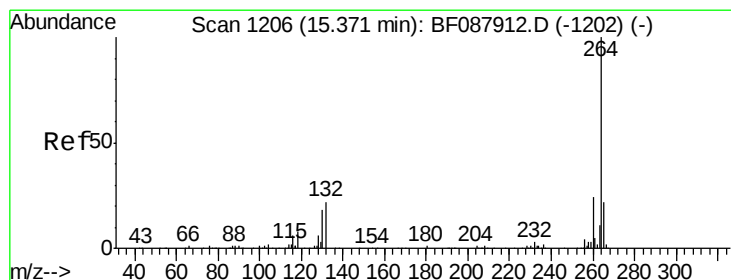
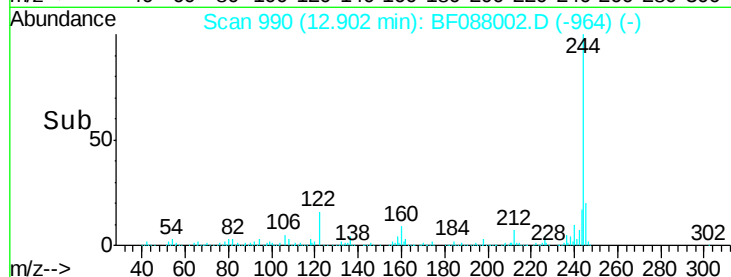
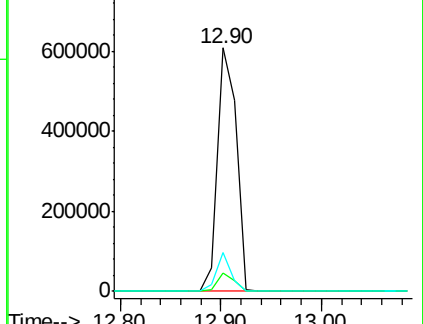
122 16.0 11.2 16.8



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

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF088002.D

Acq: 14 Jun 2016 11:39

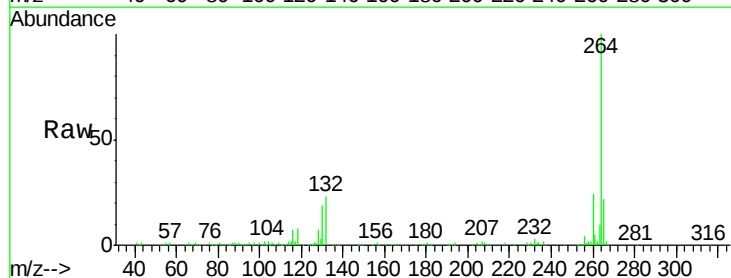
Tgt Ion:264 Resp: 196218

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.3 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

