

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087940.D
 Acq On : 12 Jun 2016 10:44
 Operator : UM/SJ
 Sample : H3425-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0882

Quant Time: Jun 13 02:22:48 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 02:17:28 2016
 Response via : Initial Calibration

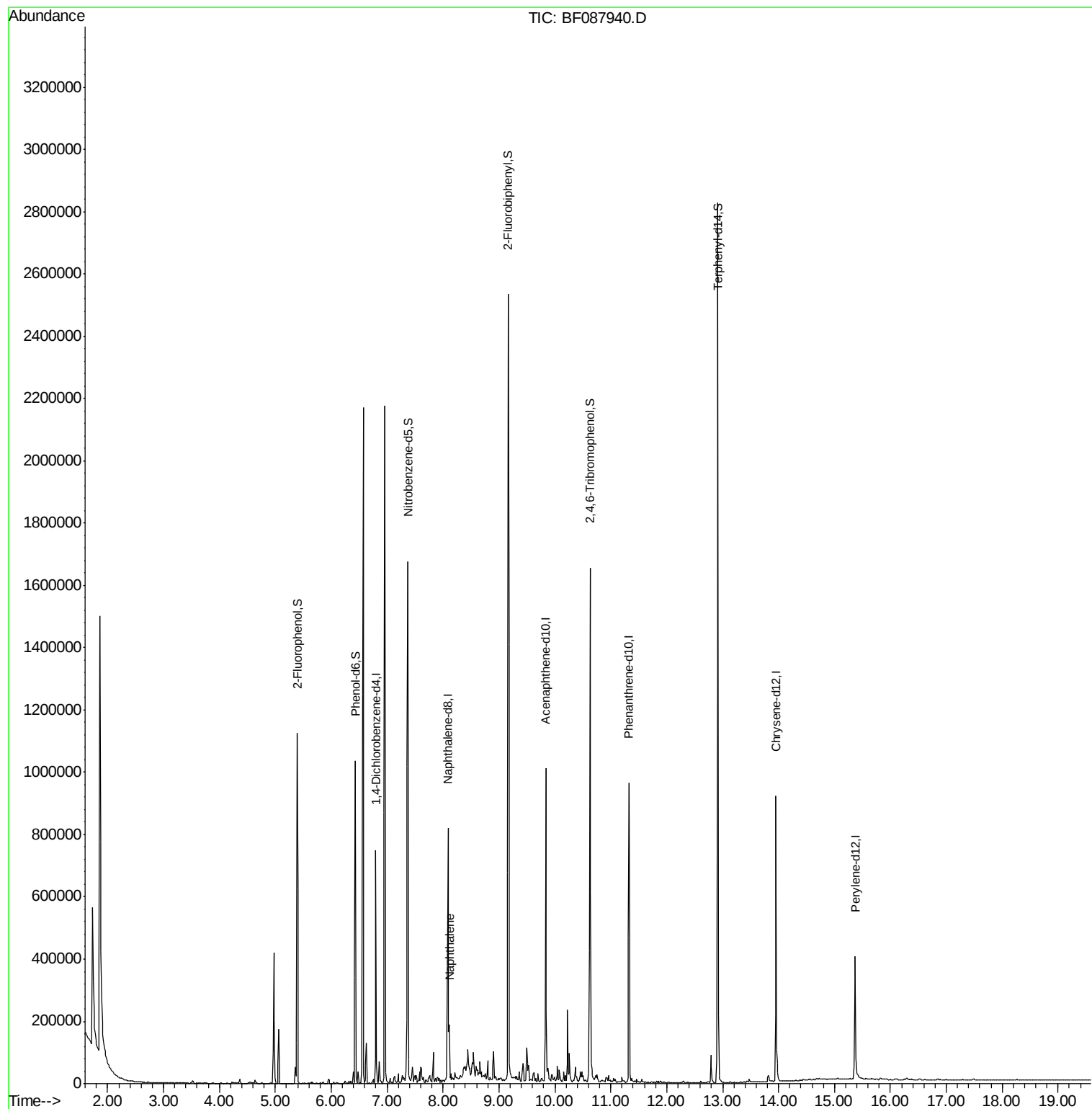
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103896	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	426800	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	206485	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	400072	20.00	ng	0.00
75) Chrysene-d12	13.95	240	313289	20.00	ng	-0.01
86) Perylene-d12	15.37	264	229458	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	406625	66.91	ng	0.00
7) Phenol-d6	6.43	99	379976	51.59	ng	-0.01
23) Nitrobenzene-d5	7.37	82	669193	91.56	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	252085	115.62	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1158041	88.32	ng	-0.01
78) Terphenyl-d14	12.91	244	994542	72.24	ng	-0.01
Target Compounds						
31) Naphthalene	8.11	128	103922	4.92	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF087940.D

Acq: 12 Jun 2016 10:44

Instrument :

BNA_F

ClientSampleId :

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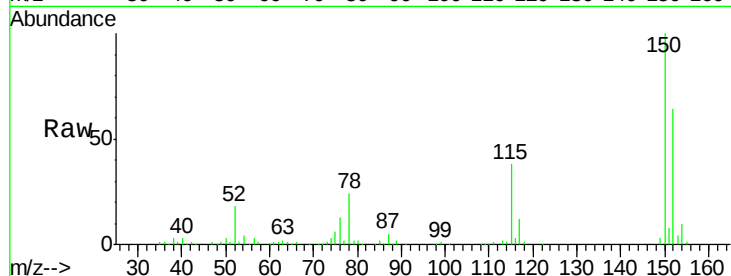
Tot Ion:152 Resp: 103896

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

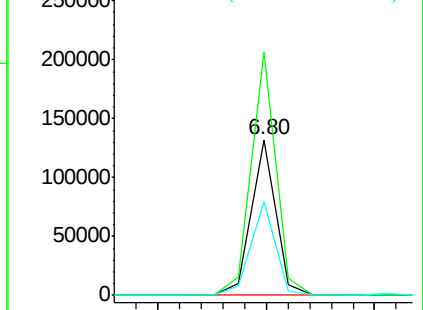
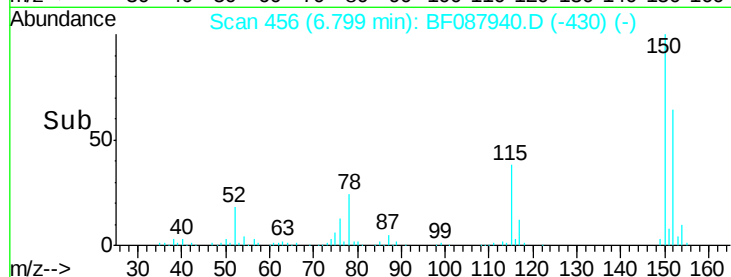
115 60.1 39.6 59.4#



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: 66.91 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF087940.D

Acq: 12 Jun 2016 10:44

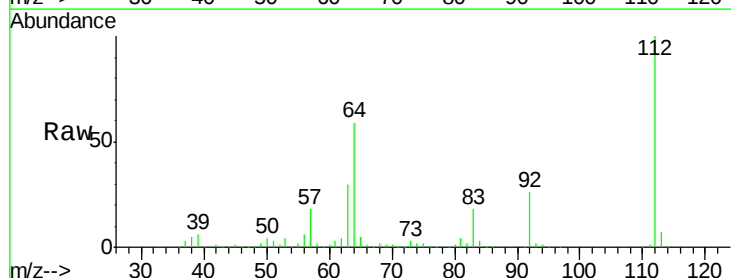
Tgt Ion:112 Resp: 406625

Ion Ratio Lower Upper

112 100

64 59.3 42.2 63.2

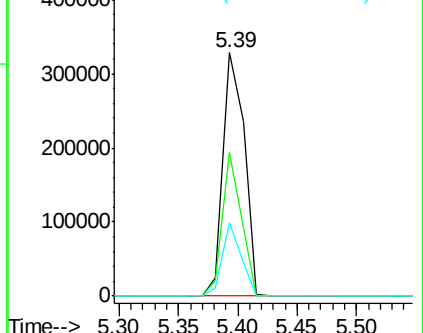
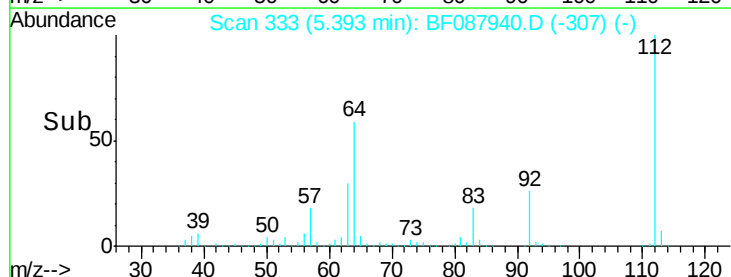
63 30.1 21.8 32.8



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: 51.59 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087940.D

Acq: 12 Jun 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0882

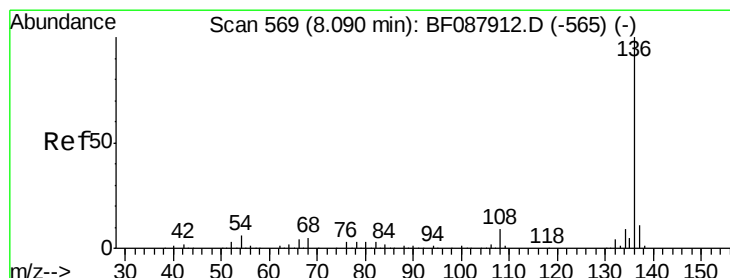
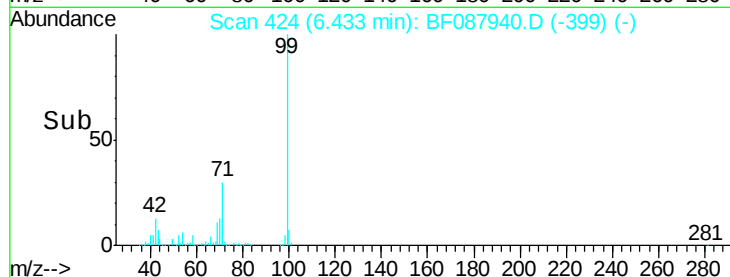
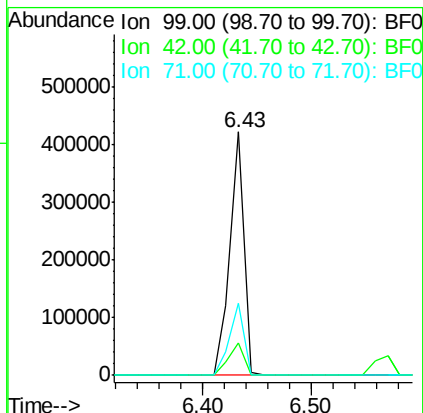
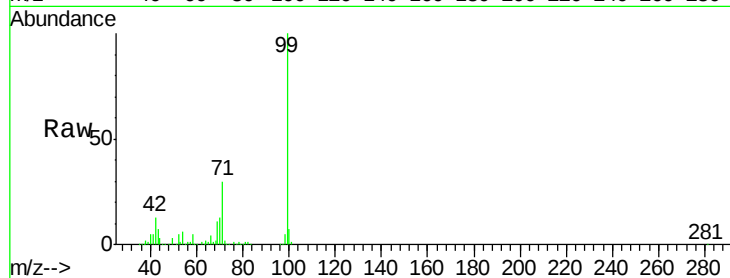
Tot Ion: 99 Resp: 379976

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.2

71 29.6 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF087940.D

Acq: 12 Jun 2016 10:44

Tgt Ion: 136 Resp: 426800

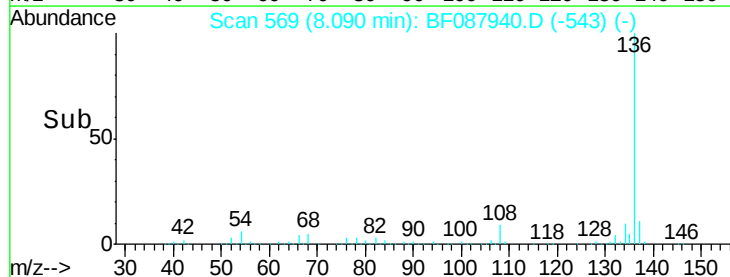
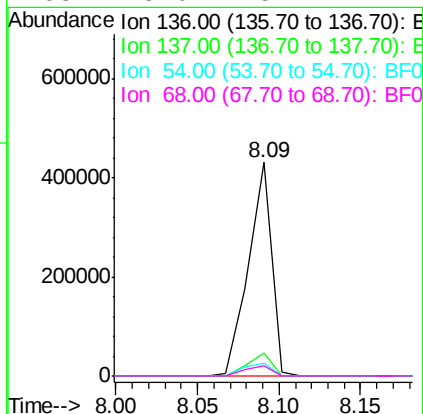
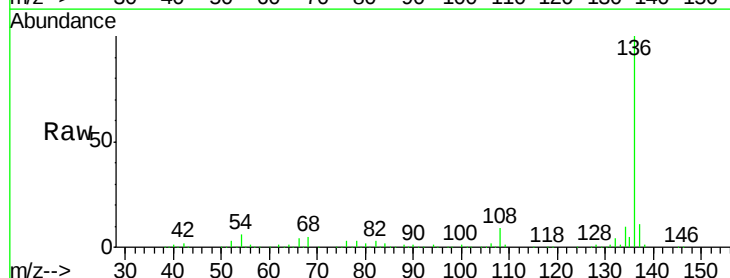
Ion Ratio Lower Upper

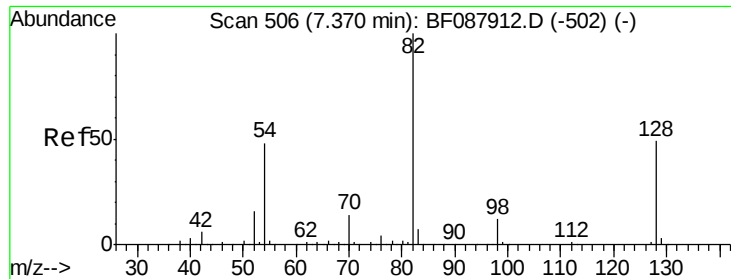
136 100

137 10.8 9.1 13.7

54 5.9 6.6 10.0#

68 5.0 5.1 7.7#

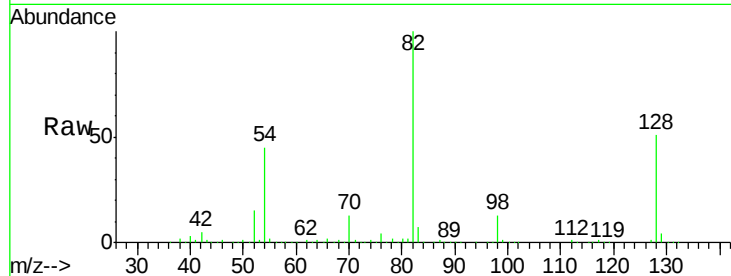




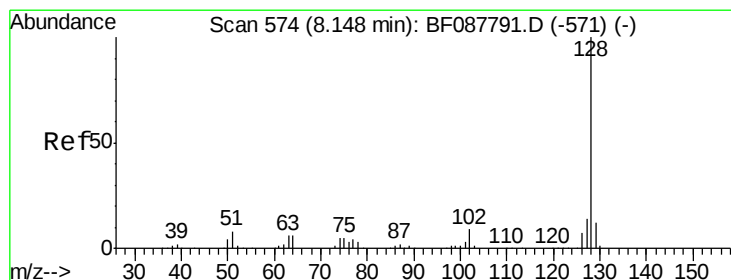
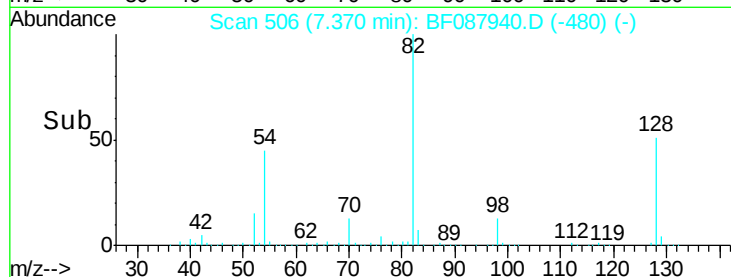
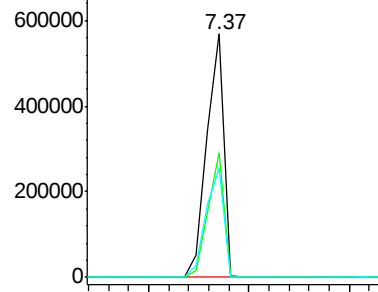
#23
Nitrobenzene-d5
Concen: 91.56 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tot Ion: 82 Resp: 669193
Ion Ratio Lower Upper
82 100
128 51.1 35.9 53.9
54 45.0 40.9 61.3

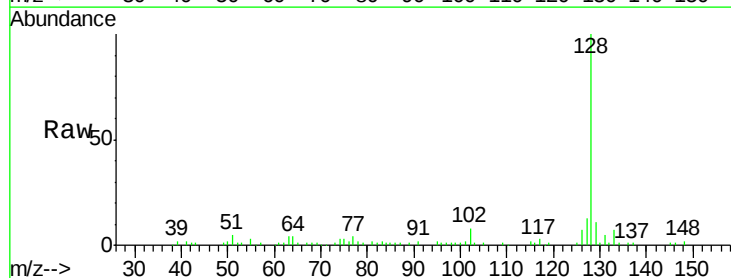


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

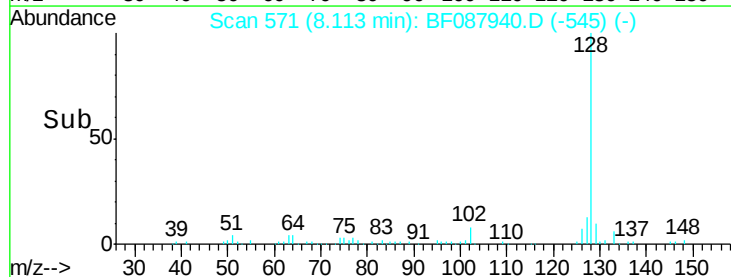
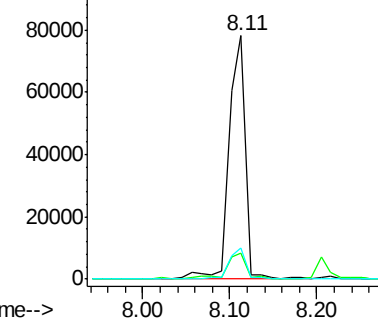


#31
Naphthalene
Concen: 4.92 ng
RT: 8.11 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion: 128 Resp: 103922
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 12.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

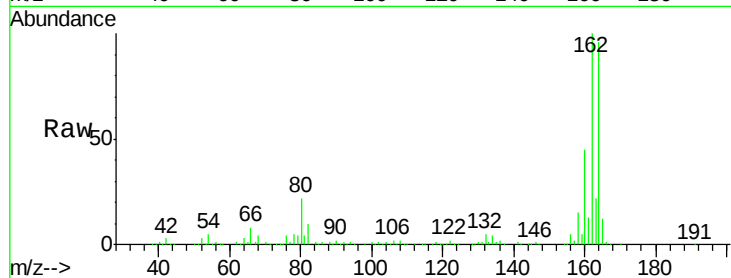




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.2
160	46.6	39.5	59.3

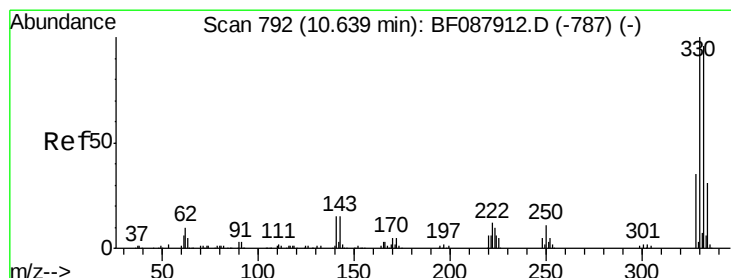
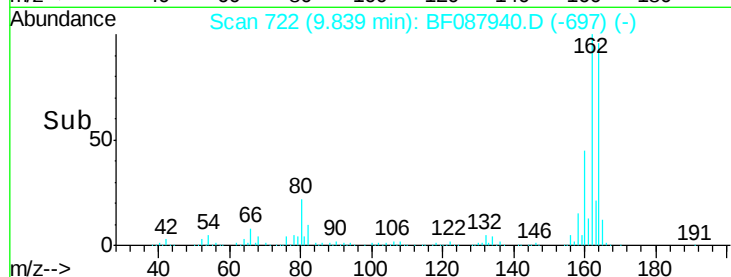
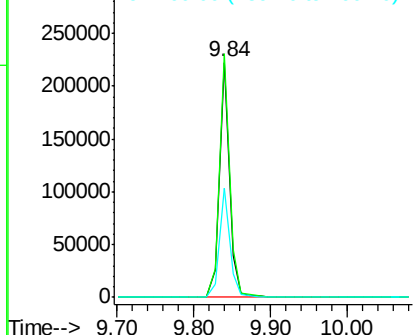


Abundance

Ion 164.00 (163.70 to 164.70): E

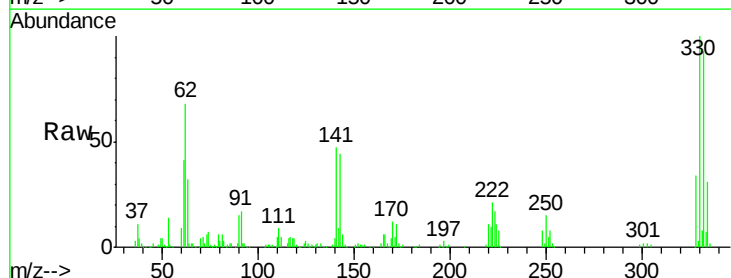
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 115.62 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	35.8	0.0	0.0#

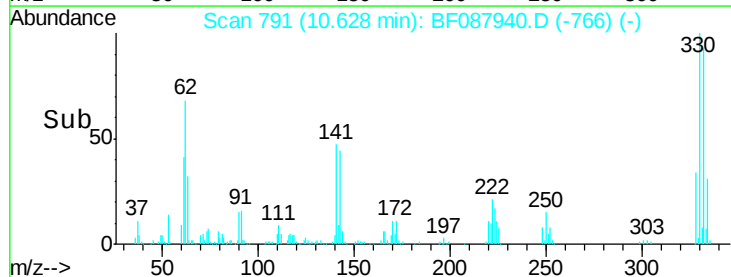
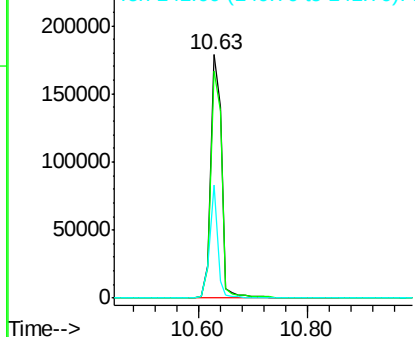


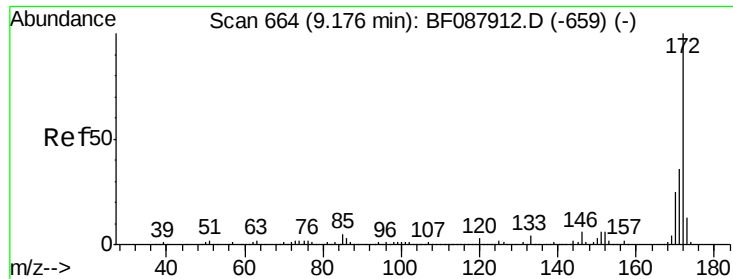
Abundance

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

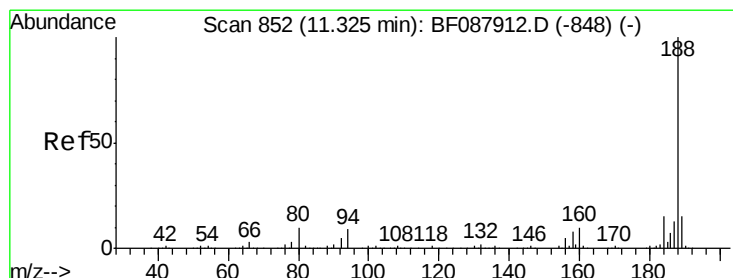
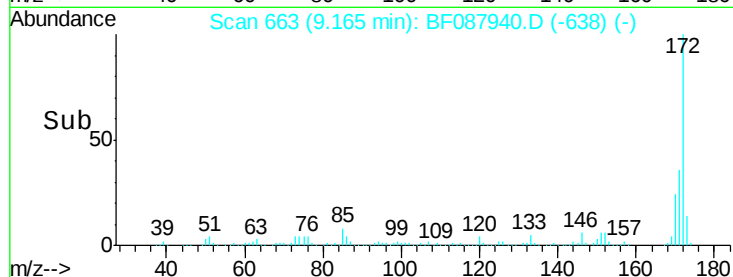
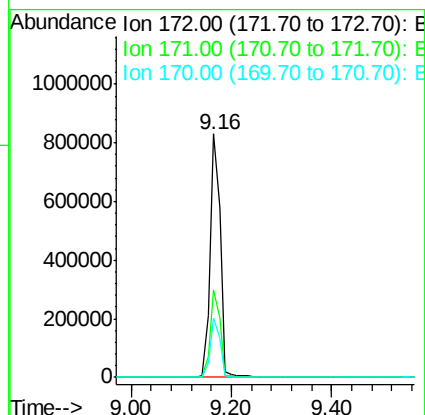
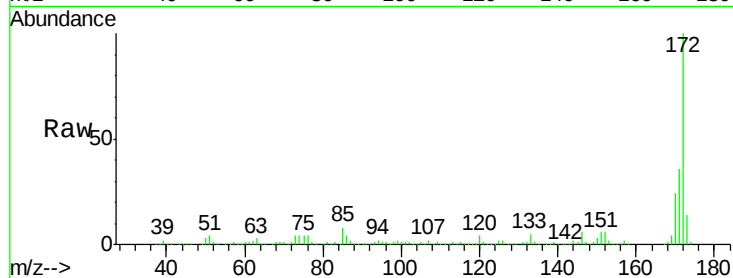




#44
 2-Fluorobiphenyl
 Concen: 88.32 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087940.D
 Acq: 12 Jun 2016 10:44

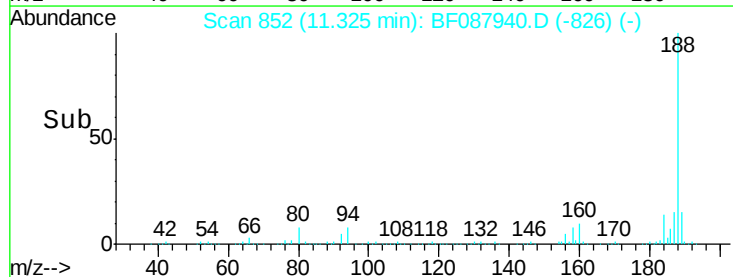
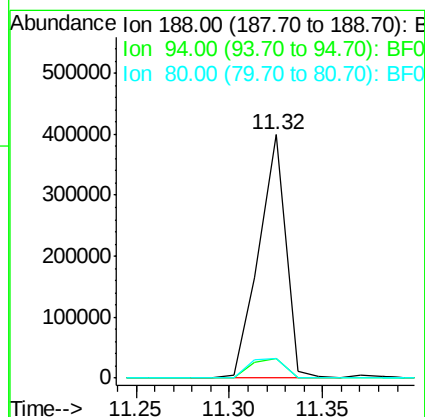
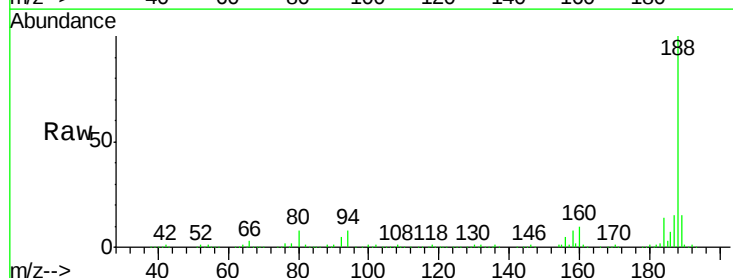
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0882

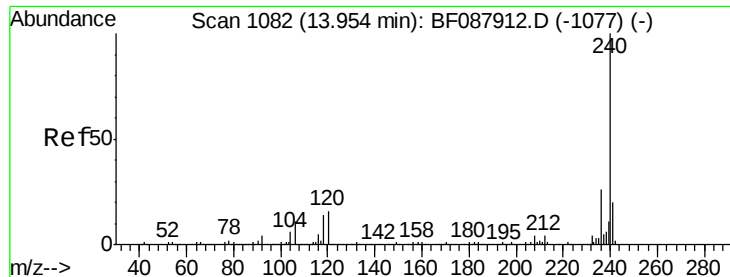
Tot Ion:172 Resp: 1158041
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.3 19.2 28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF087940.D
 Acq: 12 Jun 2016 10:44

Tgt Ion:188 Resp: 400072
 Ion Ratio Lower Upper
 188 100
 94 8.3 9.0 13.6#
 80 8.3 10.0 15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF087940.D

Acq: 12 Jun 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0882

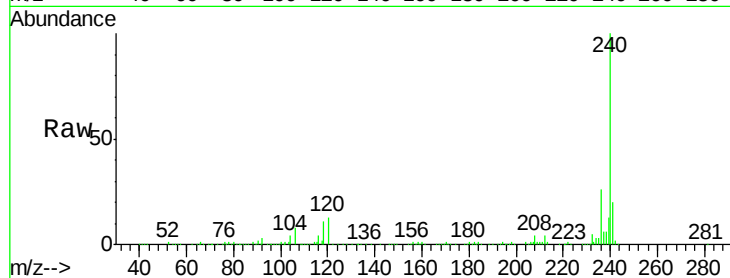
Tot Ion:240 Resp: 313289

Ion Ratio Lower Upper

240 100

120 12.6 6.8 10.2#

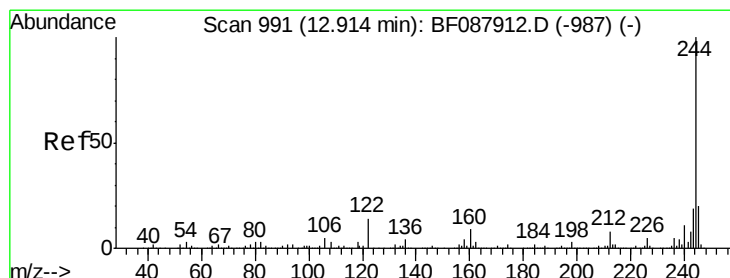
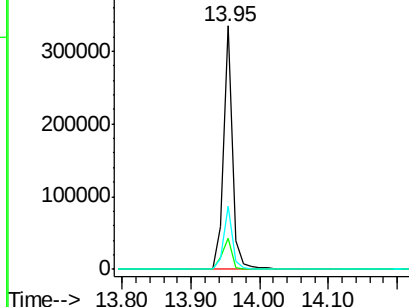
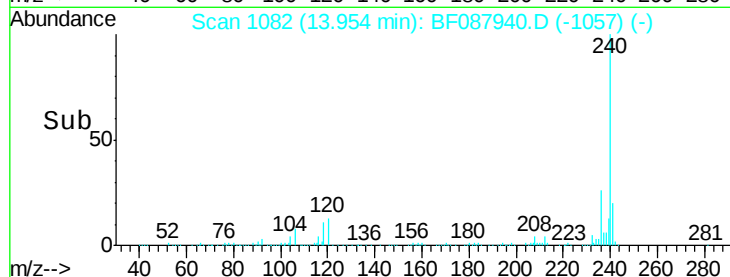
236 25.7 20.2 30.2



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: 72.24 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF087940.D

Acq: 12 Jun 2016 10:44

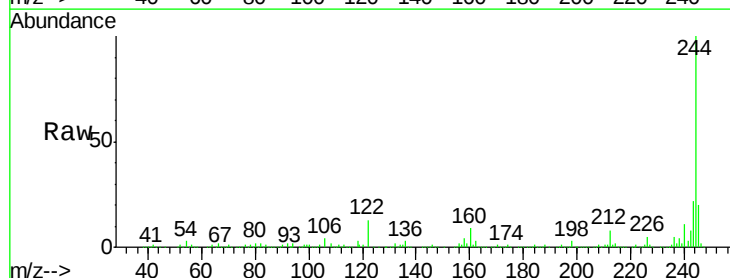
Tgt Ion:244 Resp: 994542

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

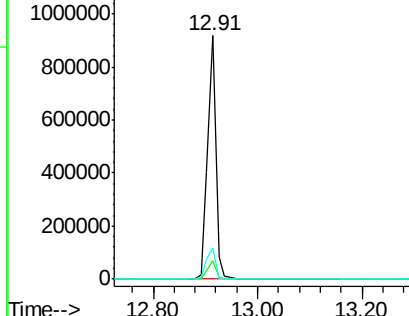
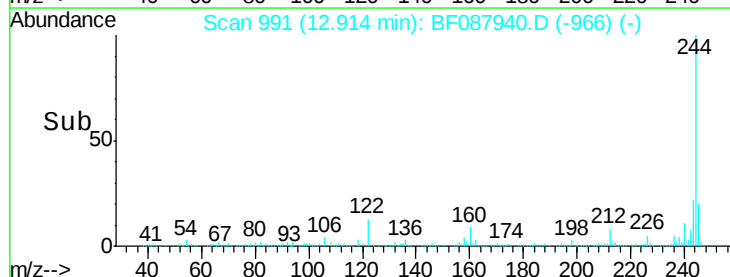
122 13.0 11.2 16.8

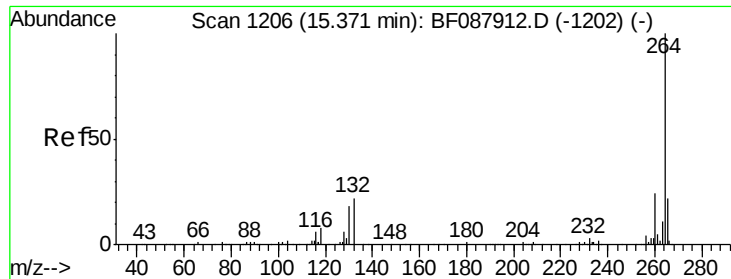


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3

