

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089510.D
 Acq On : 1 Aug 2016 14:35
 Operator : UM/SJ
 Sample : H4285-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)L

Quant Time: Aug 02 02:28:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

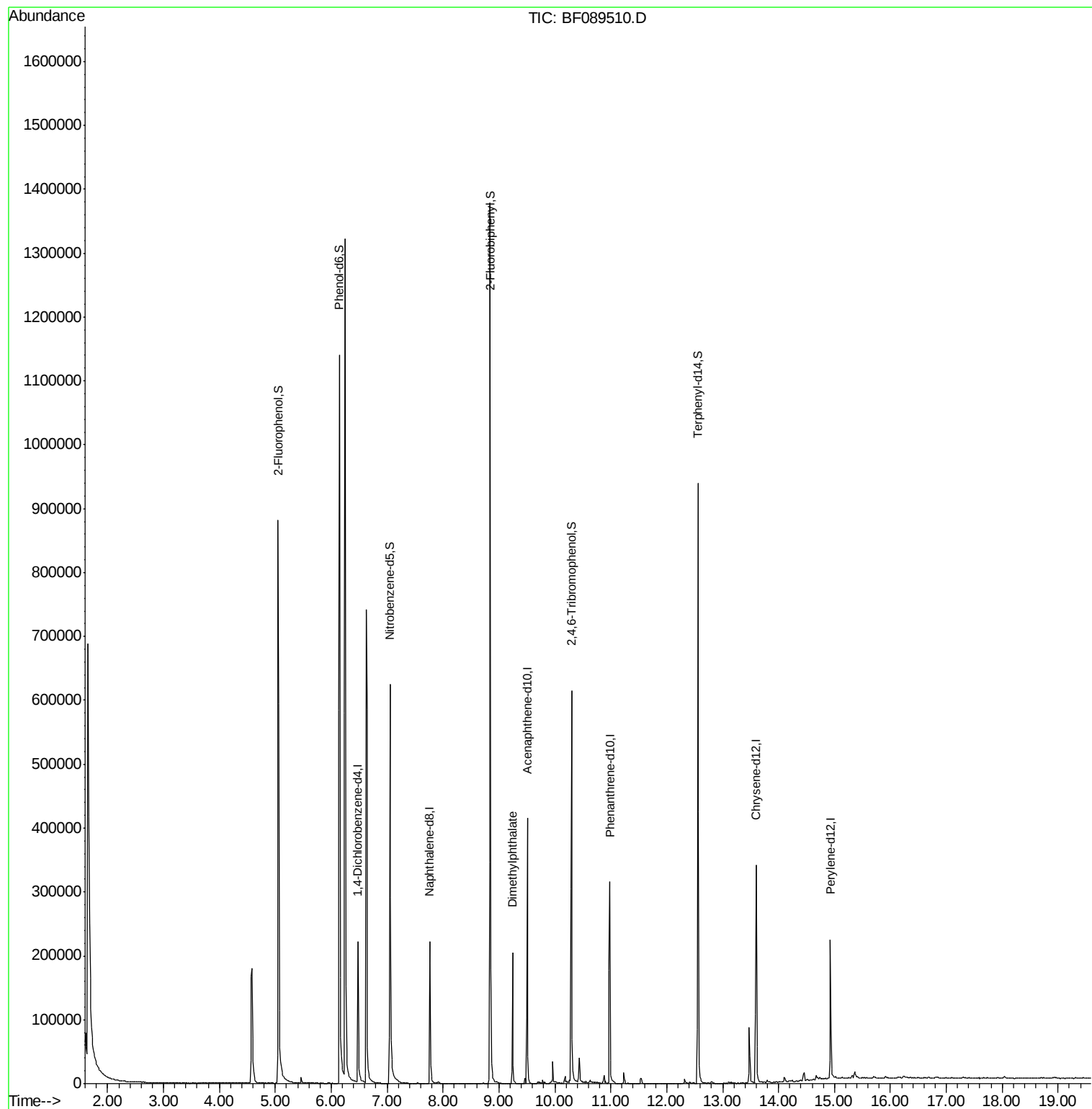
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	43003	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	172474	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	84851	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	161020	20.00	ng	0.00
75) Chrysene-d12	13.60	240	134630	20.00	ng	-0.01
86) Perylene-d12	14.93	264	88612	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	377517	140.17	ng	0.01
7) Phenol-d6	6.15	99	532917	149.73	ng	0.00
23) Nitrobenzene-d5	7.05	82	299355	102.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	77899	110.85	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	464915	80.41	ng	-0.01
78) Terphenyl-d14	12.56	244	333836	58.04	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	83504	12.93	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: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)L

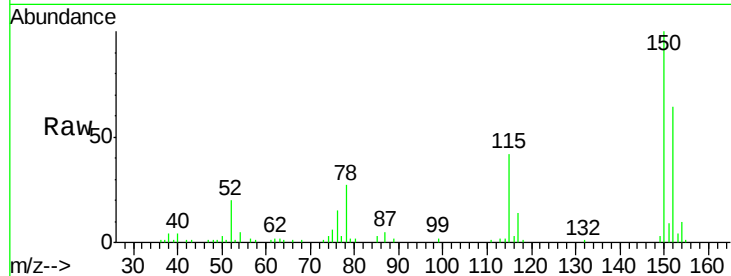
Tot Ion:152 Resp: 43003

Ion Ratio Lower Upper

152 100

150 155.5 129.5 194.3

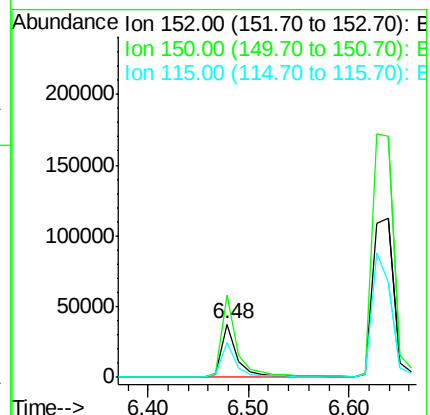
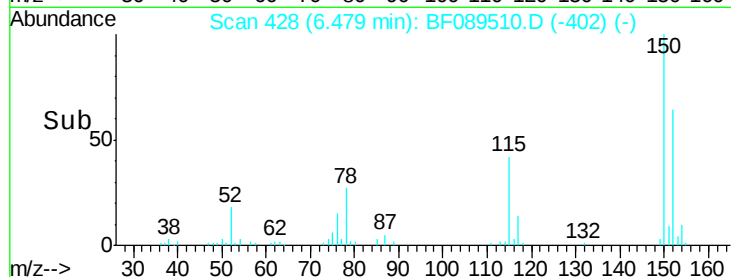
115 65.1 51.4 77.2



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: 140.17 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

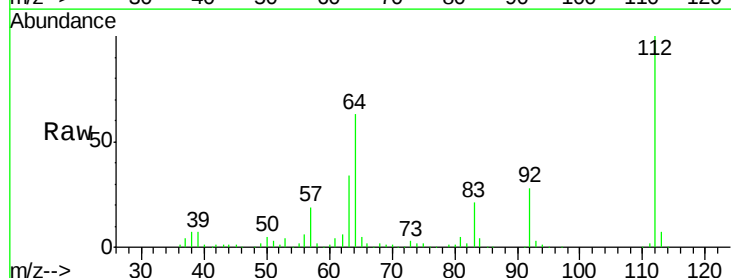
Tgt Ion:112 Resp: 377517

Ion Ratio Lower Upper

112 100

64 63.0 55.0 82.6

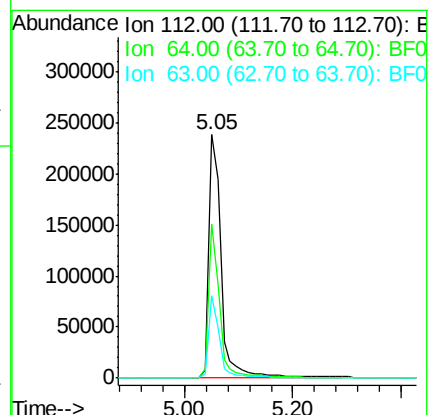
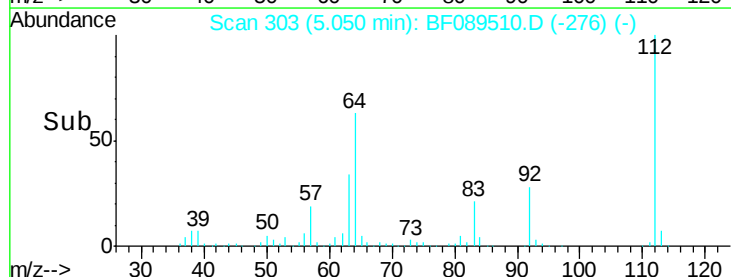
63 34.1 29.4 44.2



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: 149.73 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)L

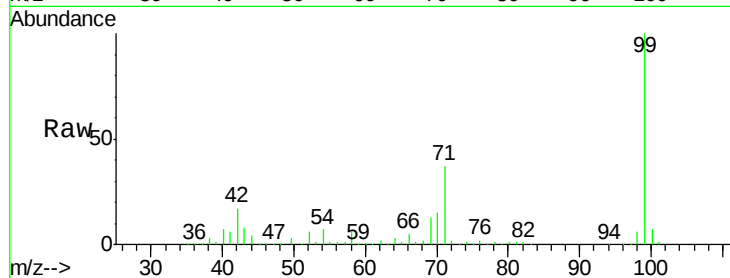
Tot Ion: 99 Resp: 532917

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

71 36.9 29.4 44.2



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

500000

400000

300000

200000

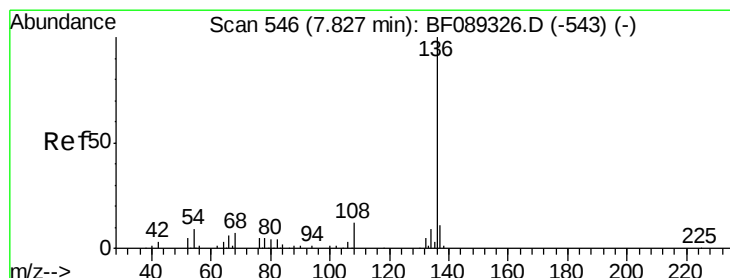
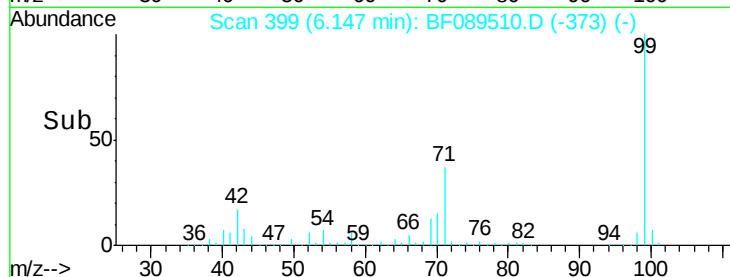
100000

0

6.15

6.00 6.20 6.40

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

Tgt Ion: 136 Resp: 172474

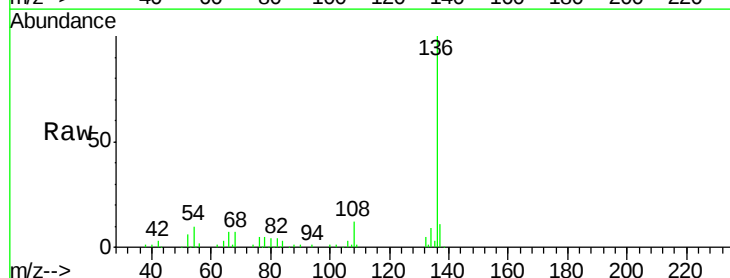
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 9.6 7.0 10.4

68 7.4 4.9 7.3#



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

150000

100000

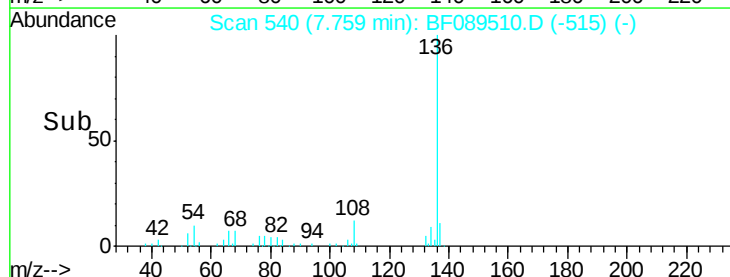
50000

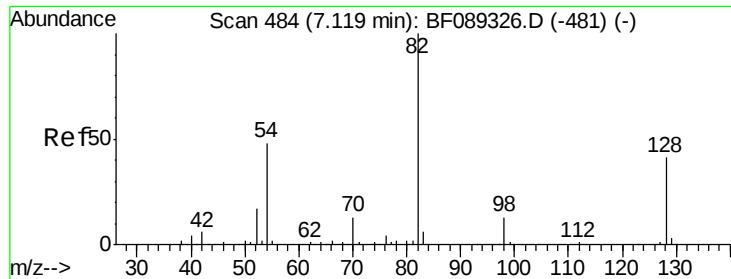
0

7.76

7.60 7.80 8.00

Time-->

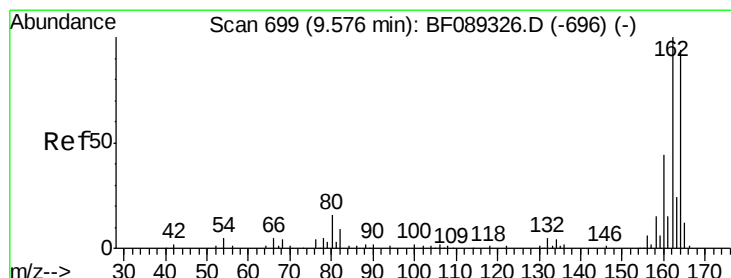
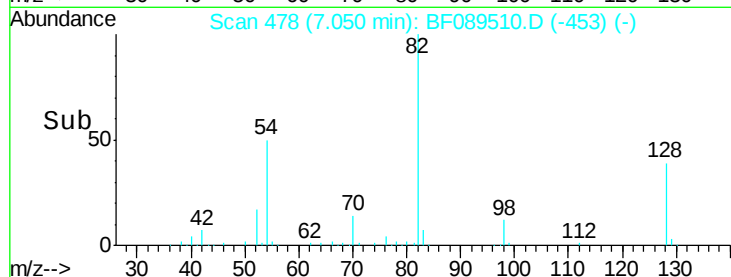
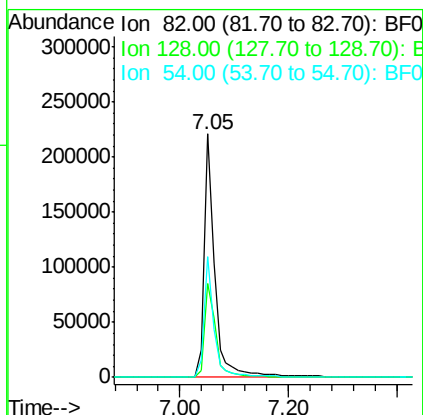
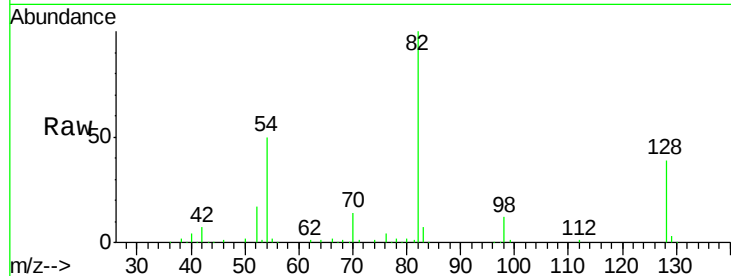




#23
 Nitrobenzene-d5
 Concen: 102.45 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089510.D
 Acq: 1 Aug 2016 14:35

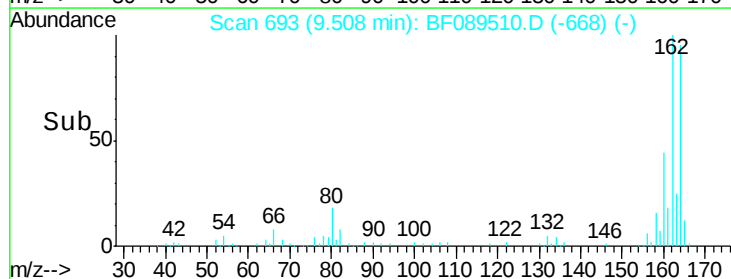
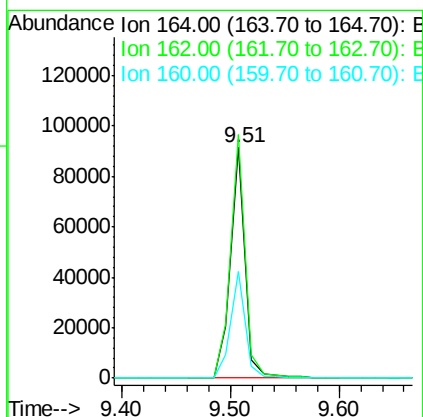
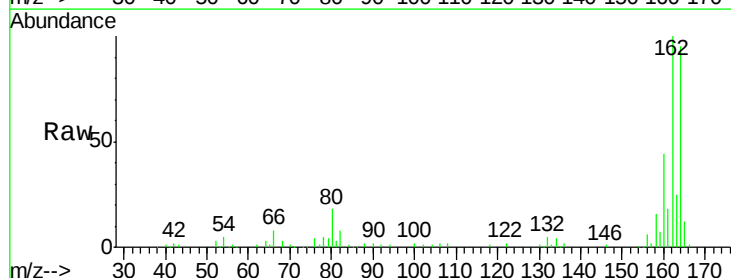
Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)L

Tot Ion	82	Resp	299355
Ion Ratio	100	Lower	Upper
128	38.6	32.5	48.7
54	49.6	38.8	58.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089510.D
 Acq: 1 Aug 2016 14:35

Tgt Ion	164	Resp	84851
Ion Ratio	100	Lower	Upper
162	105.7	83.7	125.5
160	46.6	37.8	56.6

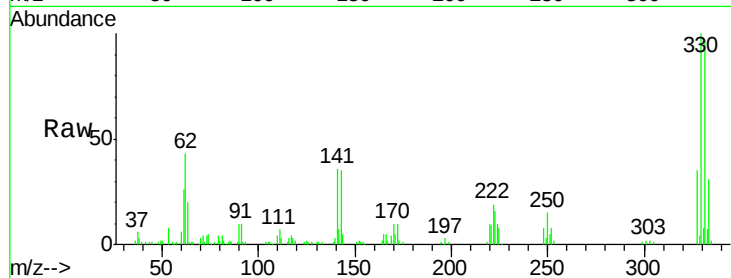




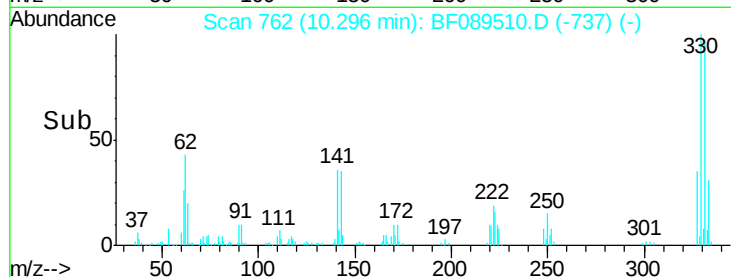
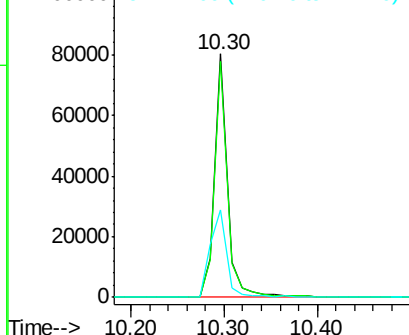
#41
 2,4,6-Tribromophenol
 Concen: 110.85 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089510.D
 Acq: 1 Aug 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)L

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	46.0	37.3	55.9

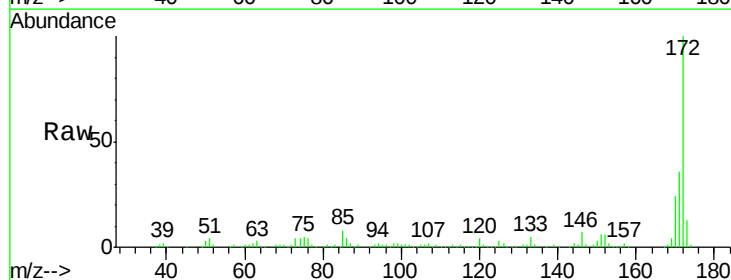


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

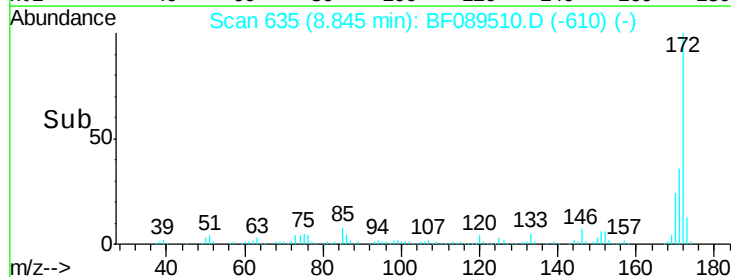
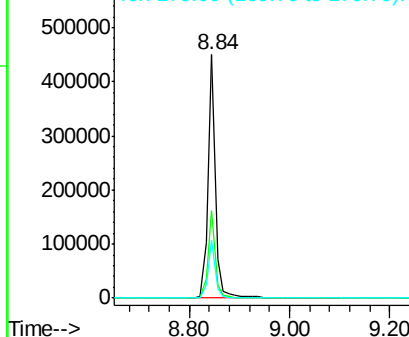


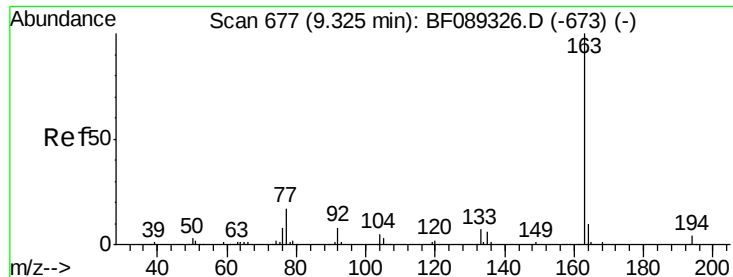
#44
 2-Fluorobiphenyl
 Concen: 80.41 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089510.D
 Acq: 1 Aug 2016 14:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.9	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

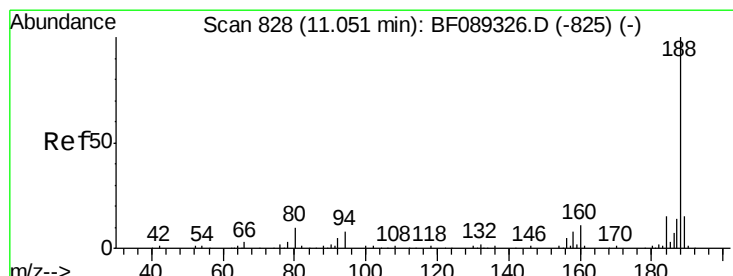
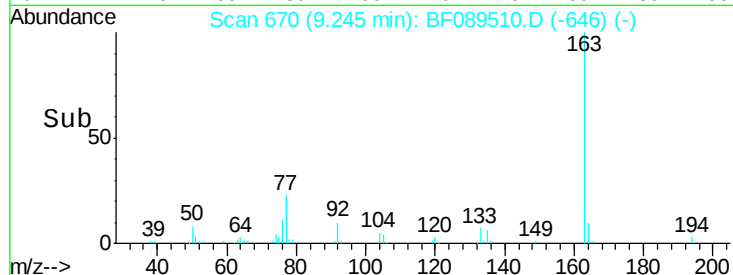
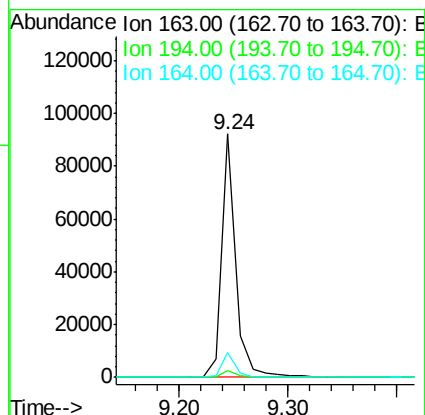
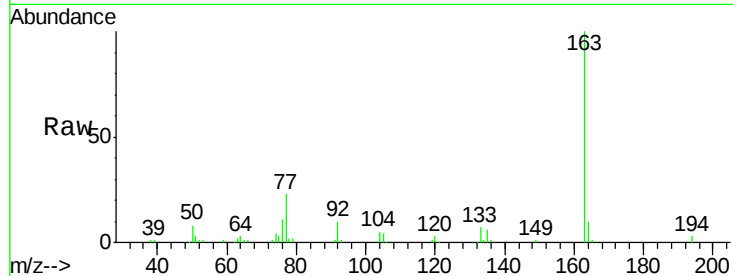




#49
Dimethylphthalate
Concen: 12.93 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089510.D
Acq: 1 Aug 2016 14:35

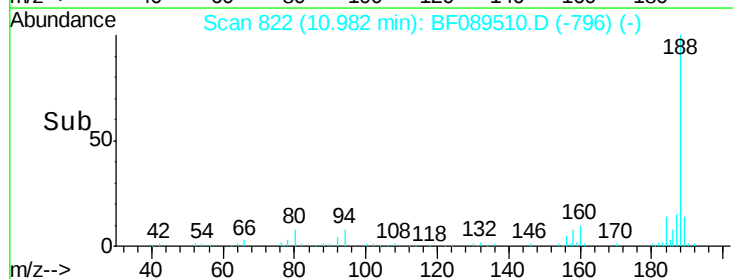
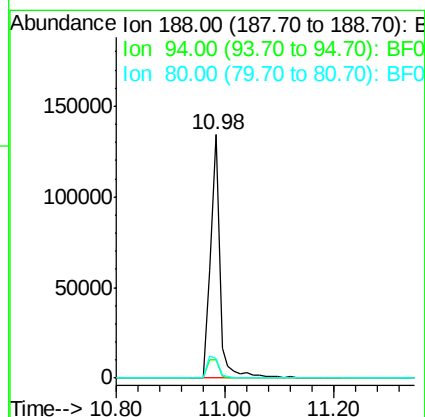
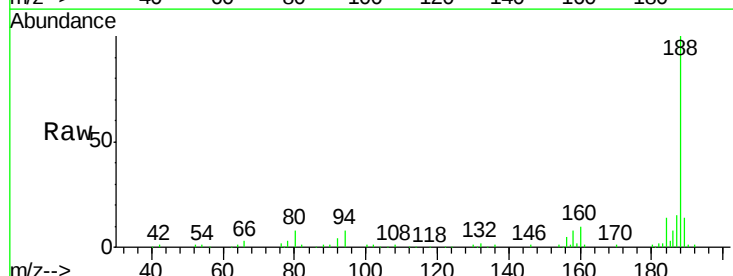
Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)L

Tot Ion:163 Resp: 83504
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.4 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF089510.D
Acq: 1 Aug 2016 14:35

Tgt Ion:188 Resp: 161020
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 7.8 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)L

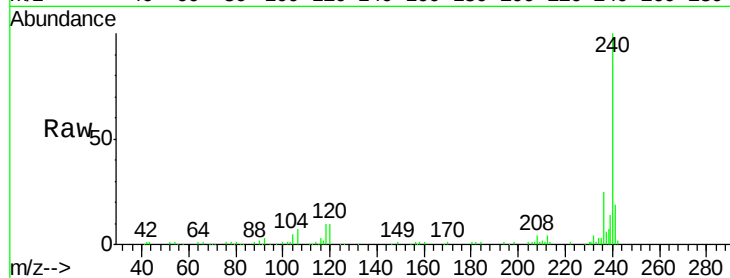
Tot Ion:240 Resp: 134630

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

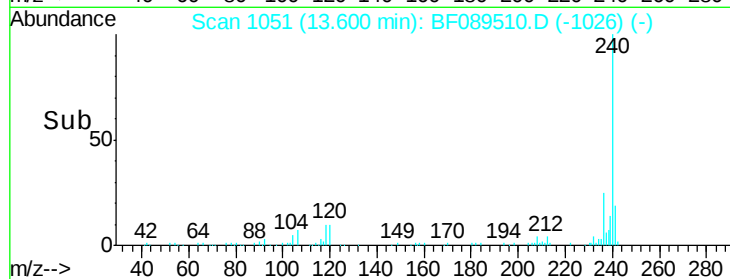
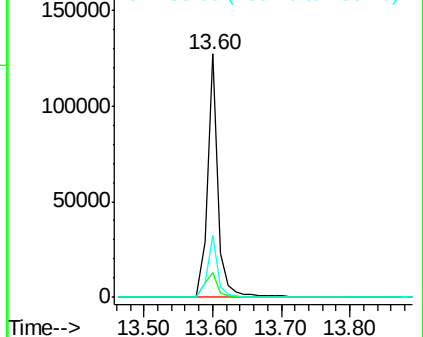
236 25.5 20.6 30.8



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: 58.04 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

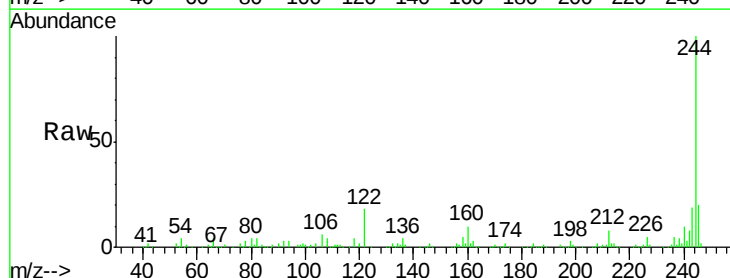
Tgt Ion:244 Resp: 333836

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

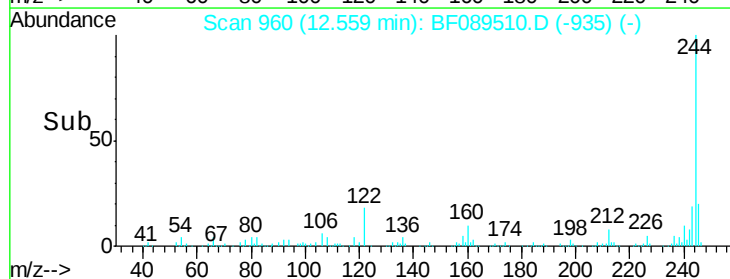
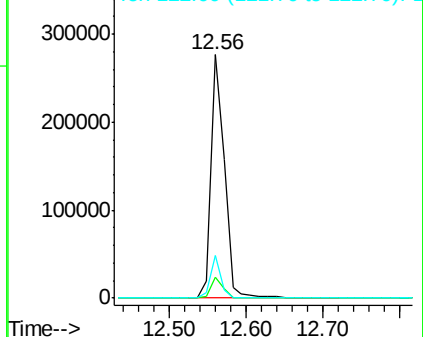
122 17.6 11.4 17.0#

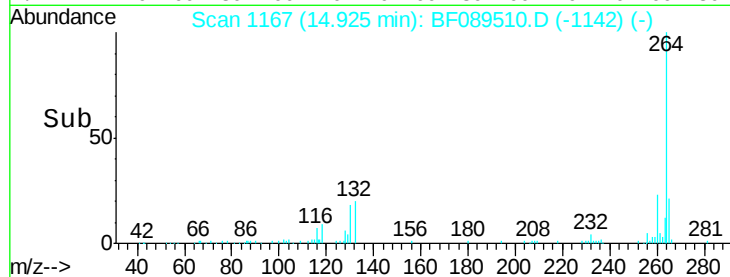
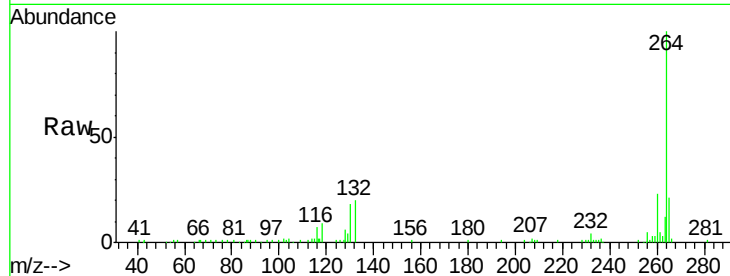
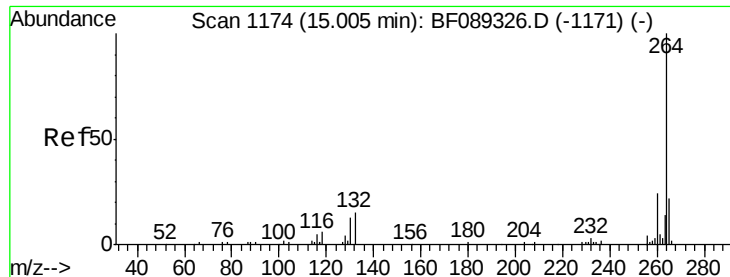


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.93 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF089510.D
 Acq: 1 Aug 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)L

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.4	17.5	26.3

