

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089684.D
 Acq On : 9 Aug 2016 5:55
 Operator : UM/SJ
 Sample : H4309-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A-9-11

Quant Time: Aug 09 07:14:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	45538	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	195298	20.00	ng	-0.02
38) Acenaphthene-d10	12.27	164	92119	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	157721	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	104786	20.00	ng	-0.02
86) Perylene-d12	20.02	264	99773	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	113232	41.68	ng	-0.01
7) Phenol-d6	6.96	99	95286	25.85	ng	-0.02
23) Nitrobenzene-d5	8.33	82	302639	85.71	ng	-0.03
41) 2,4,6-Tribromophenol	13.55	330	59346	78.07	ng	-0.03
44) 2-Fluorobiphenyl	11.23	172	589189	83.12	ng	-0.02
78) Terphenyl-d14	17.03	244	301605	56.82	ng	-0.02

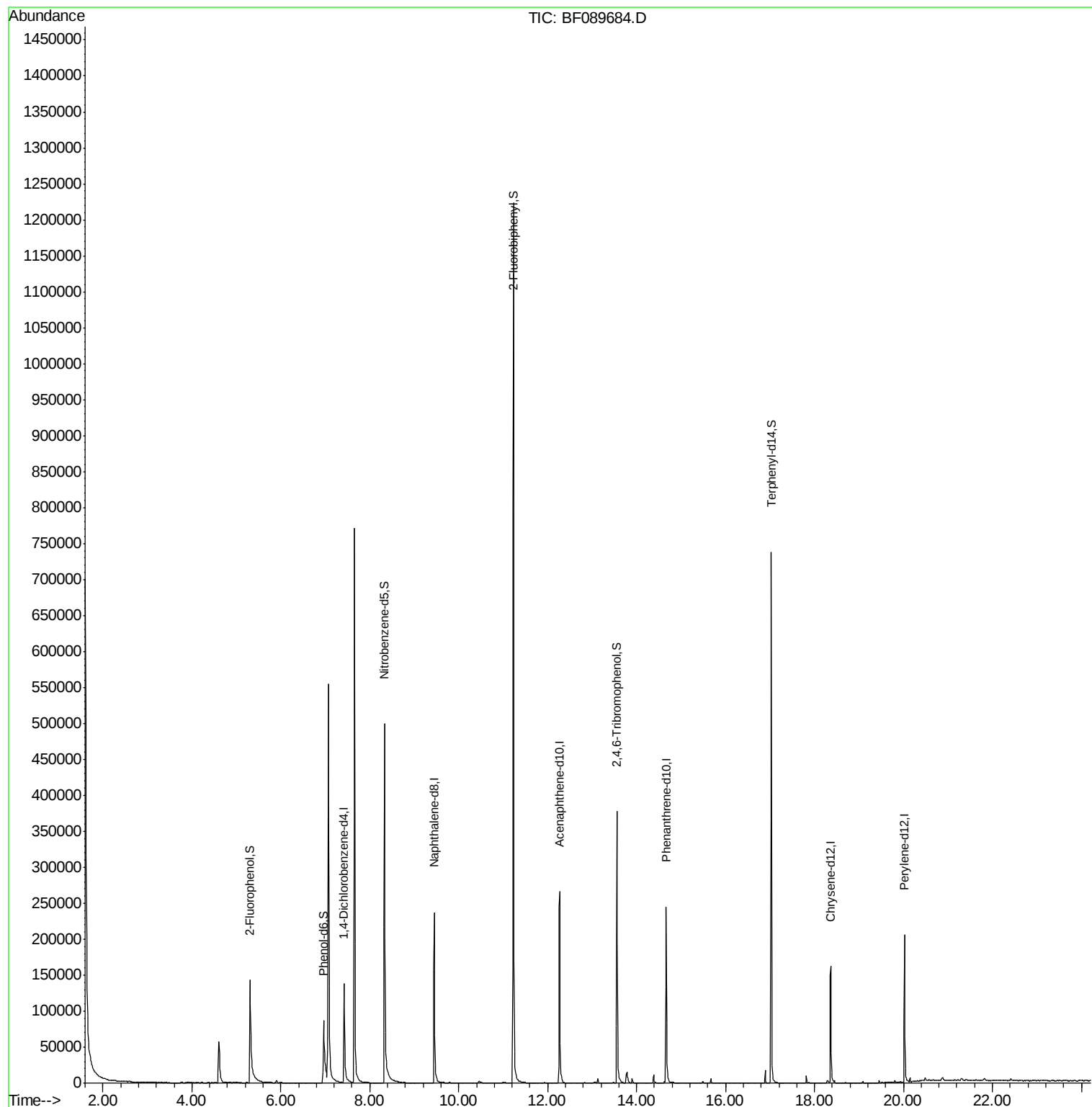
Target Compounds	Qvalue
------------------	--------

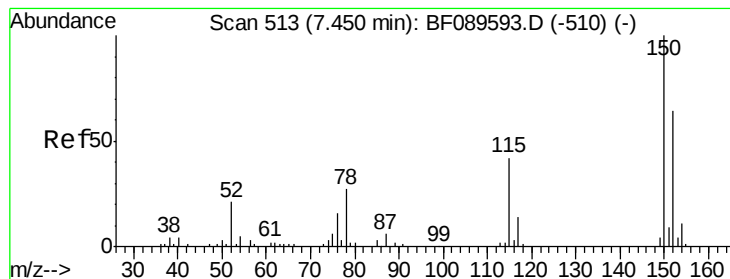
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089684.D
Acq On : 9 Aug 2016 5:55
Operator : UM/SJ
Sample : H4309-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-46A-9-11

Quant Time: Aug 09 07:14:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF089684.D

Acq: 9 Aug 2016 5:55

Instrument :

BNA_F

ClientSampleId :

LOCATION-46A-9-11

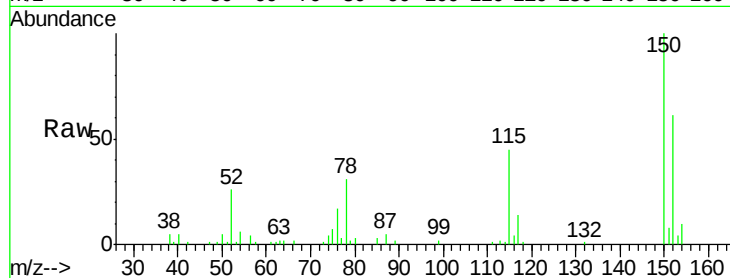
Tgt Ion:152 Resp: 45538

Ion Ratio Lower Upper

152 100

150 162.6 125.5 188.3

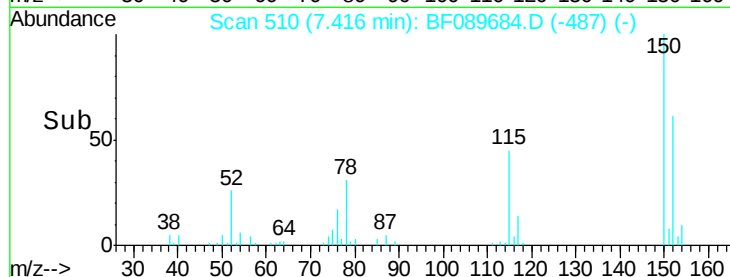
115 72.6 52.0 78.0



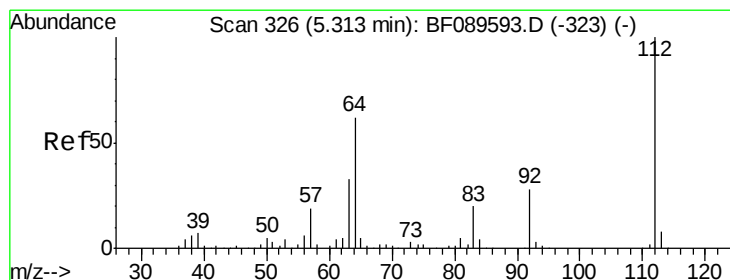
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 41.68 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.01 min

Lab File: BF089684.D

Acq: 9 Aug 2016 5:55

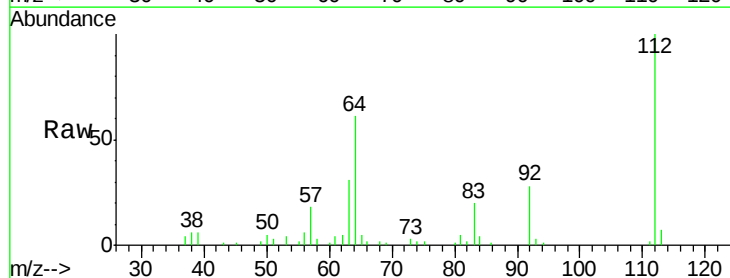
Tgt Ion:112 Resp: 113232

Ion Ratio Lower Upper

112 100

64 60.5 49.9 74.9

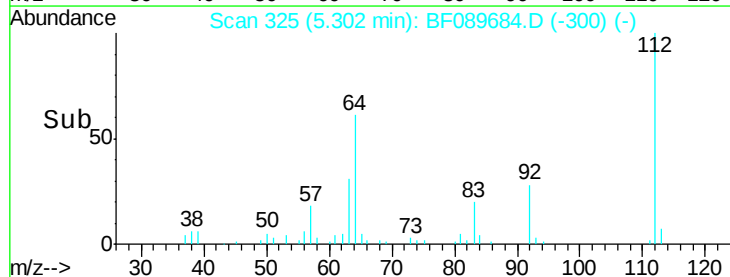
63 31.4 26.1 39.1



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



Time-->



#7

Phenol-d6

Concen: 25.85 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089684.D

Acq: 9 Aug 2016 5:55

Instrument :

BNA_F

ClientSampleId :

LOCATION-46A-9-11

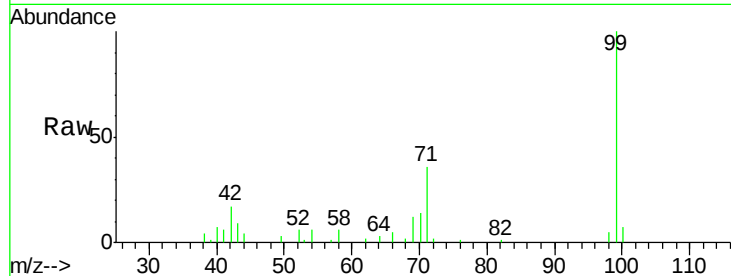
Tgt Ion: 99 Resp: 95286

Ion Ratio Lower Upper

99 100

42 17.0 13.7 20.5

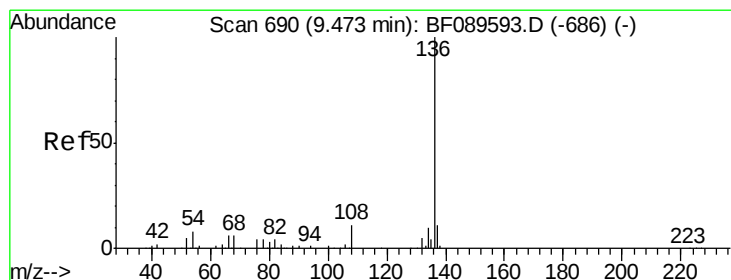
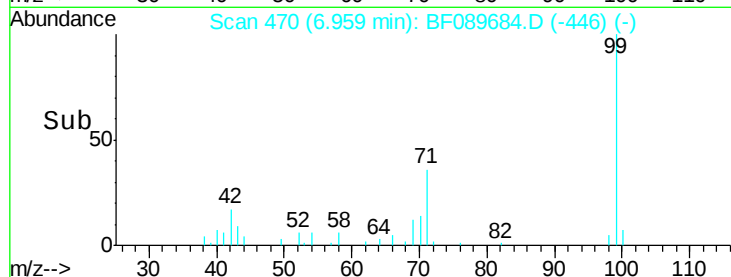
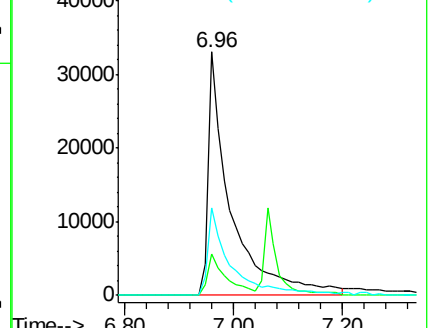
71 36.0 29.0 43.4



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: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089684.D

Acq: 9 Aug 2016 5:55

Tgt Ion: 136 Resp: 195298

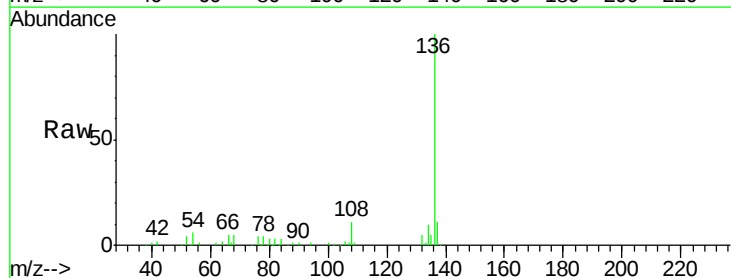
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.1 6.0 9.0

68 5.2 4.6 6.8

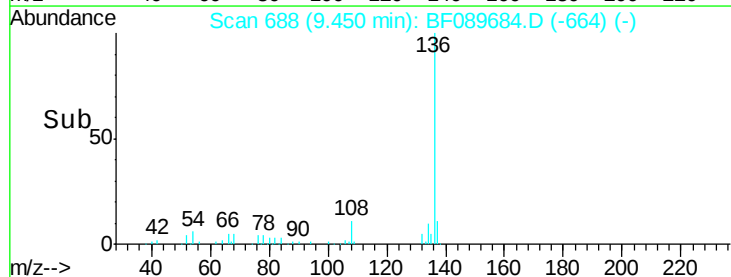
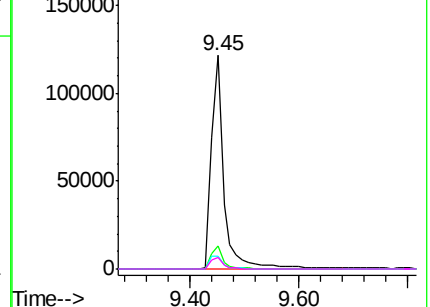


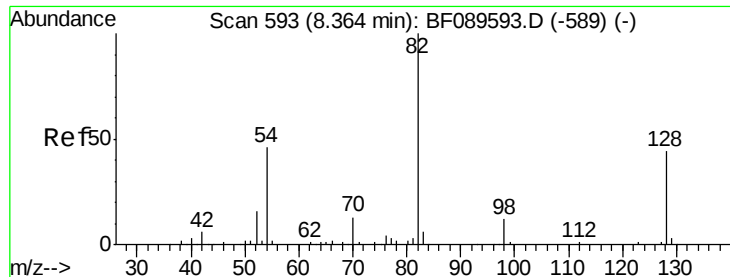
Abundance Ion 136.00 (135.70 to 136.70): E

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

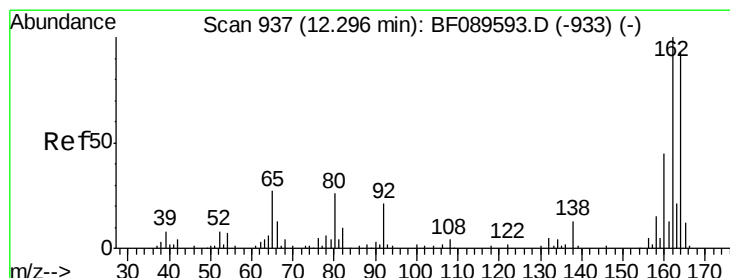
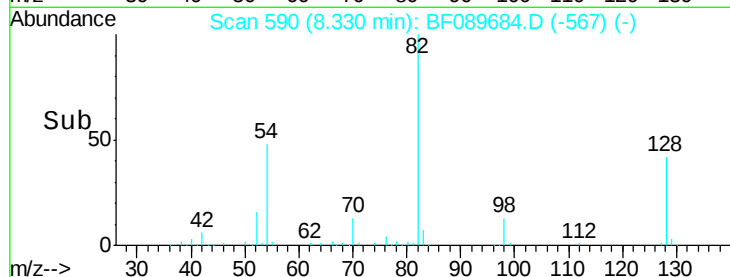
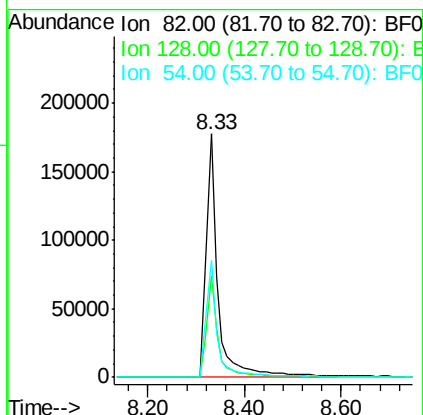
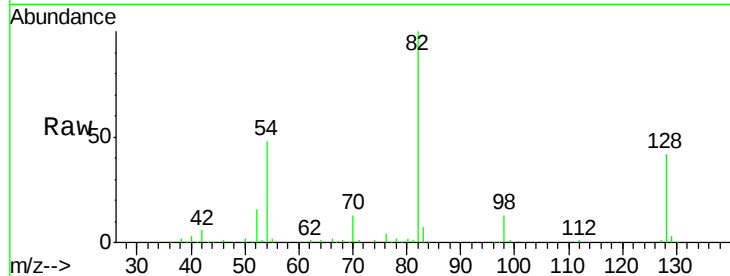




#23
 Nitrobenzene-d5
 Concen: 85.71 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089684.D
 Acq: 9 Aug 2016 5:55

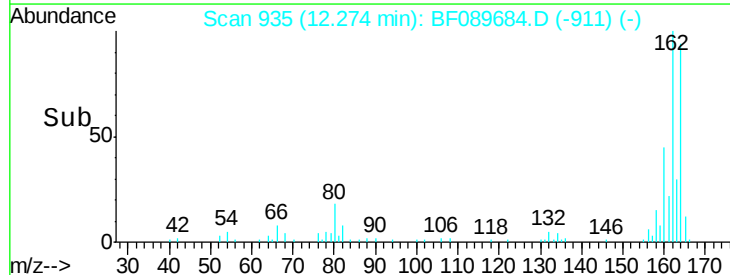
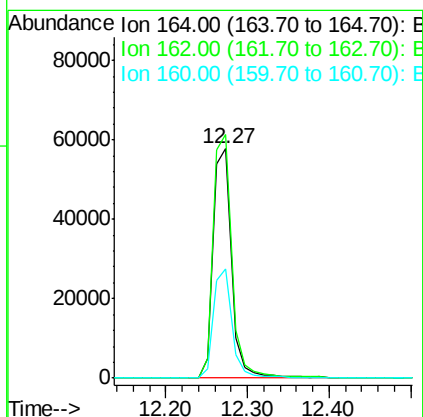
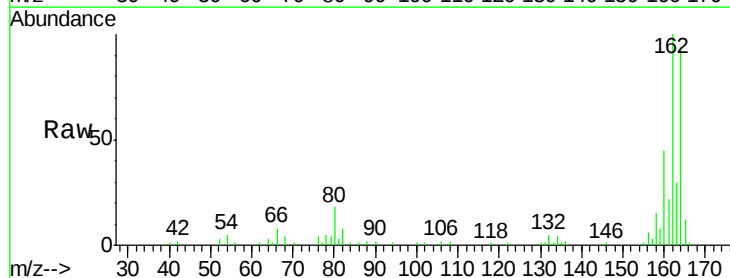
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A-9-11

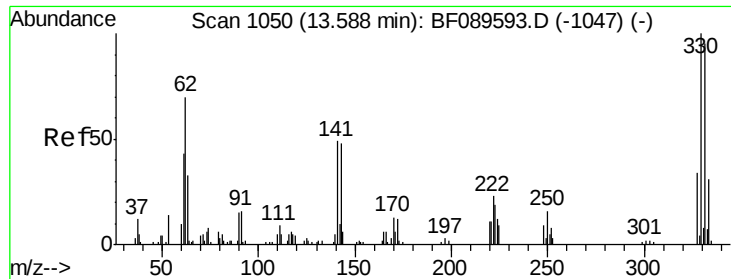
Tgt Ion: 82 Resp: 302639
 Ion Ratio Lower Upper
 82 100
 128 41.5 35.4 53.0
 54 47.9 36.4 54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF089684.D
 Acq: 9 Aug 2016 5:55

Tgt Ion: 164 Resp: 92119
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.7 128.5
 160 47.4 38.2 57.4

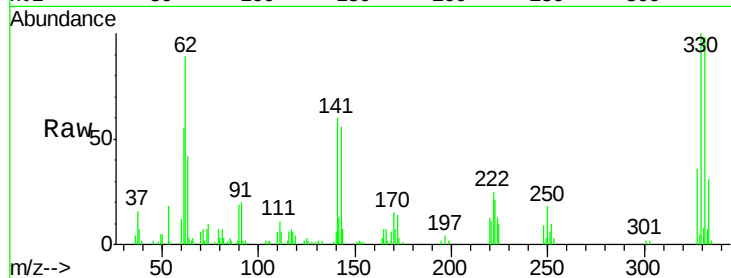




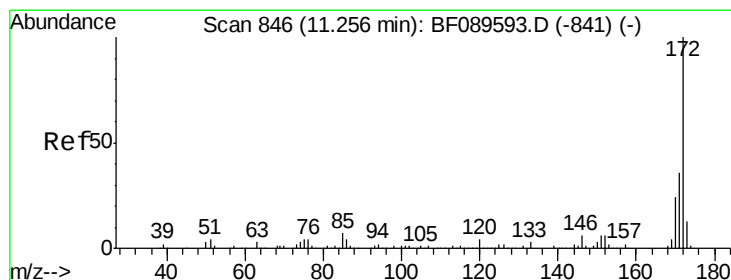
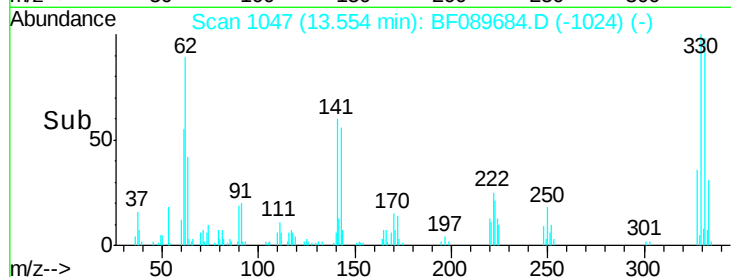
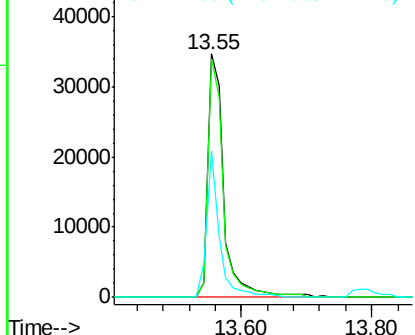
#41
 2,4,6-Tribromophenol
 Concen: 78.07 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089684.D
 Acq: 9 Aug 2016 5:55

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A-9-11

Tgt Ion: 330 Resp: 59346
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 48.1 38.6 57.8

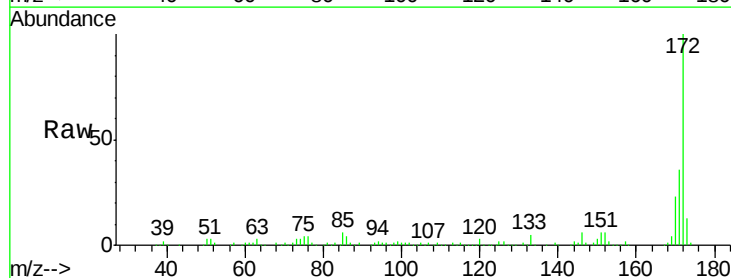


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

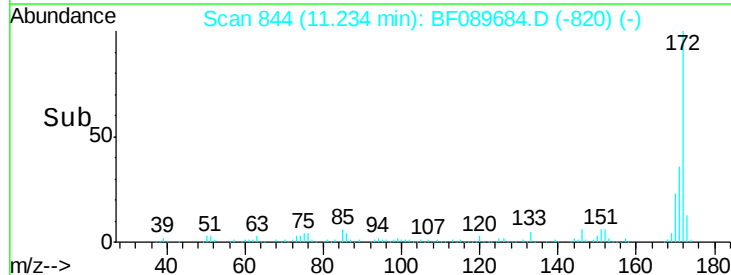
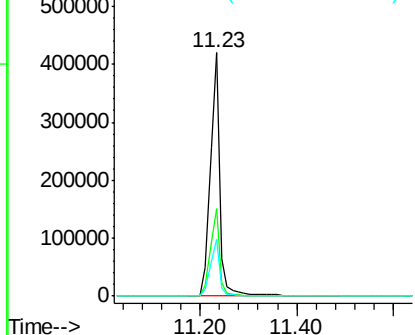


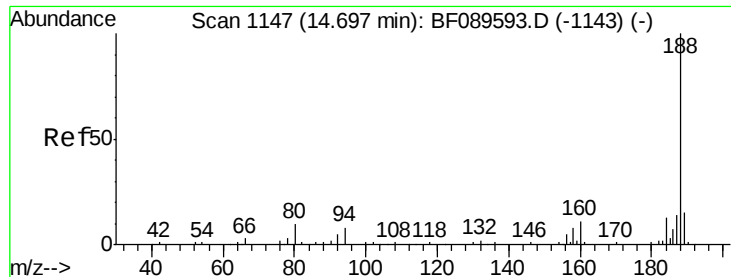
#44
 2-Fluorobiphenyl
 Concen: 83.12 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089684.D
 Acq: 9 Aug 2016 5:55

Tgt Ion: 172 Resp: 589189
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.4 19.0 28.6



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

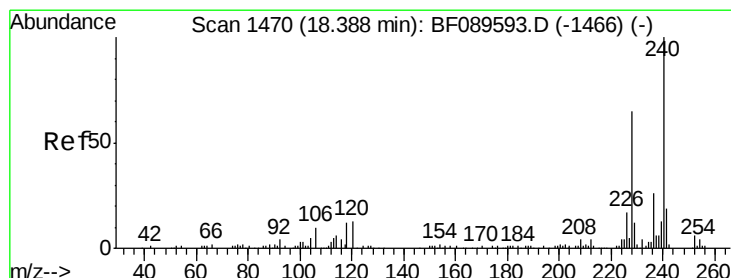
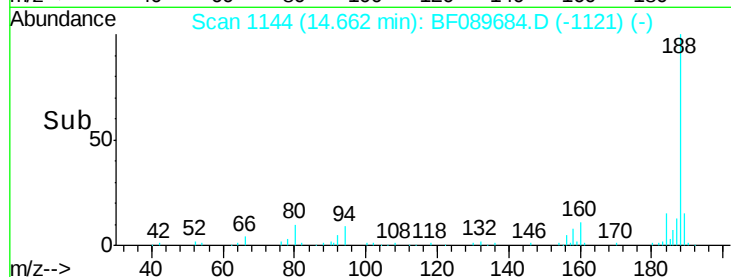
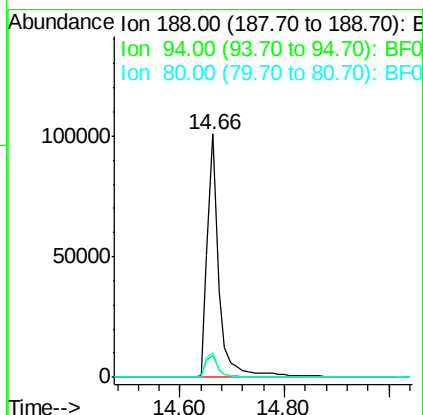
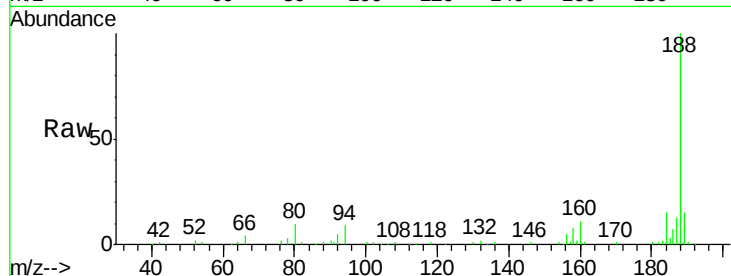




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089684.D
Acq: 9 Aug 2016 5:55

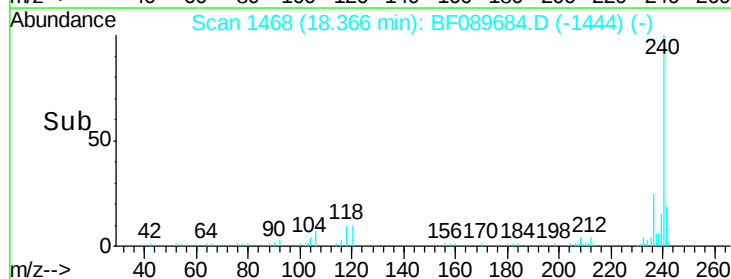
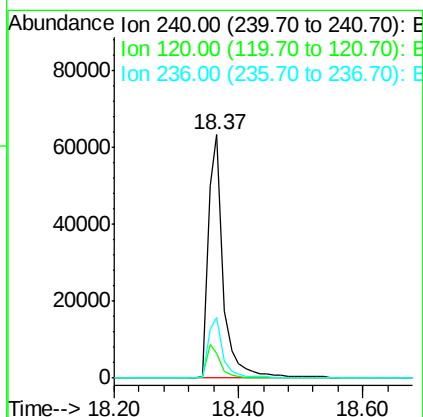
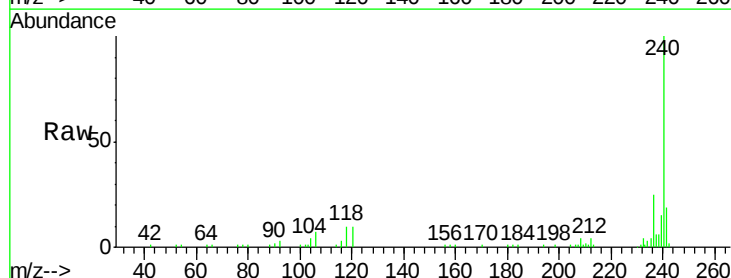
Instrument :
BNA_F
ClientSampleId :
LOCATION-46A-9-11

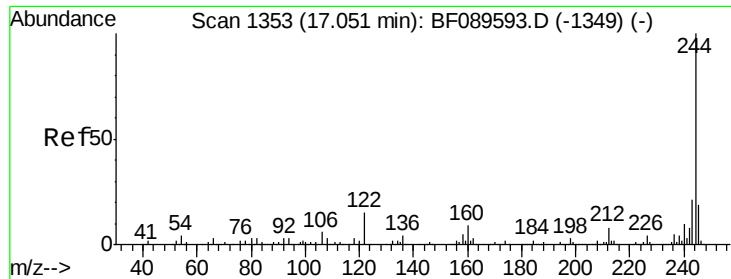
Tgt Ion:188 Resp: 157721
Ion Ratio Lower Upper
188 100
94 9.2 6.5 9.7
80 9.9 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089684.D
Acq: 9 Aug 2016 5:55

Tgt Ion:240 Resp: 104786
Ion Ratio Lower Upper
240 100
120 10.0 10.6 15.8#
236 24.9 20.6 30.8





#78

Terphenyl-d14

Concen: 56.82 ng

RT: 17.03 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF089684.D

Acq: 9 Aug 2016 5:55

Instrument :

BNA_F

ClientSampleId :

LOCATION-46A-9-11

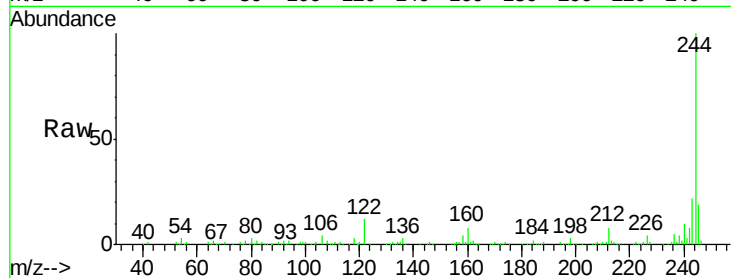
Tgt Ion:244 Resp: 301605

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

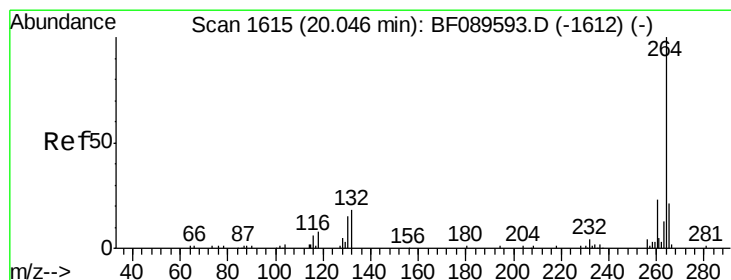
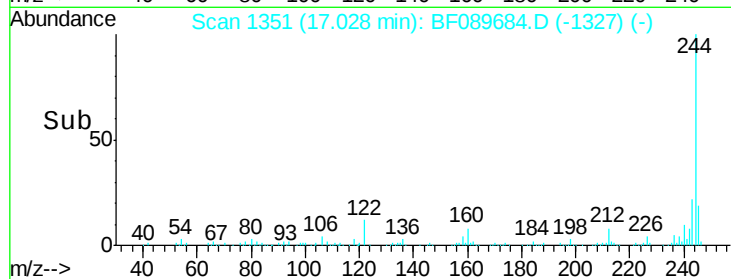
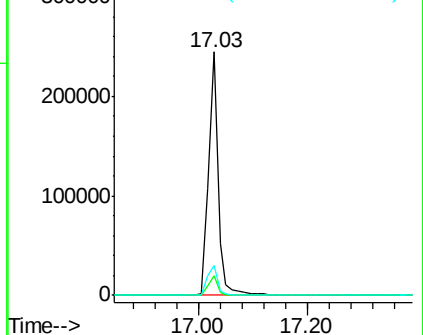
122 12.1 12.2 18.2#



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: 20.02 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF089684.D

Acq: 9 Aug 2016 5:55

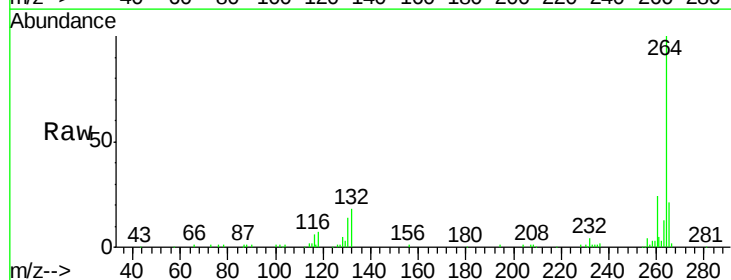
Tgt Ion:264 Resp: 99773

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.2 16.5 24.7



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

