

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081944.D
 Acq On : 1 Oct 2015 17:40
 Operator : UM/IZ
 Sample : G3707-05
 Misc : LOD 1 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Oct 02 01:44:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

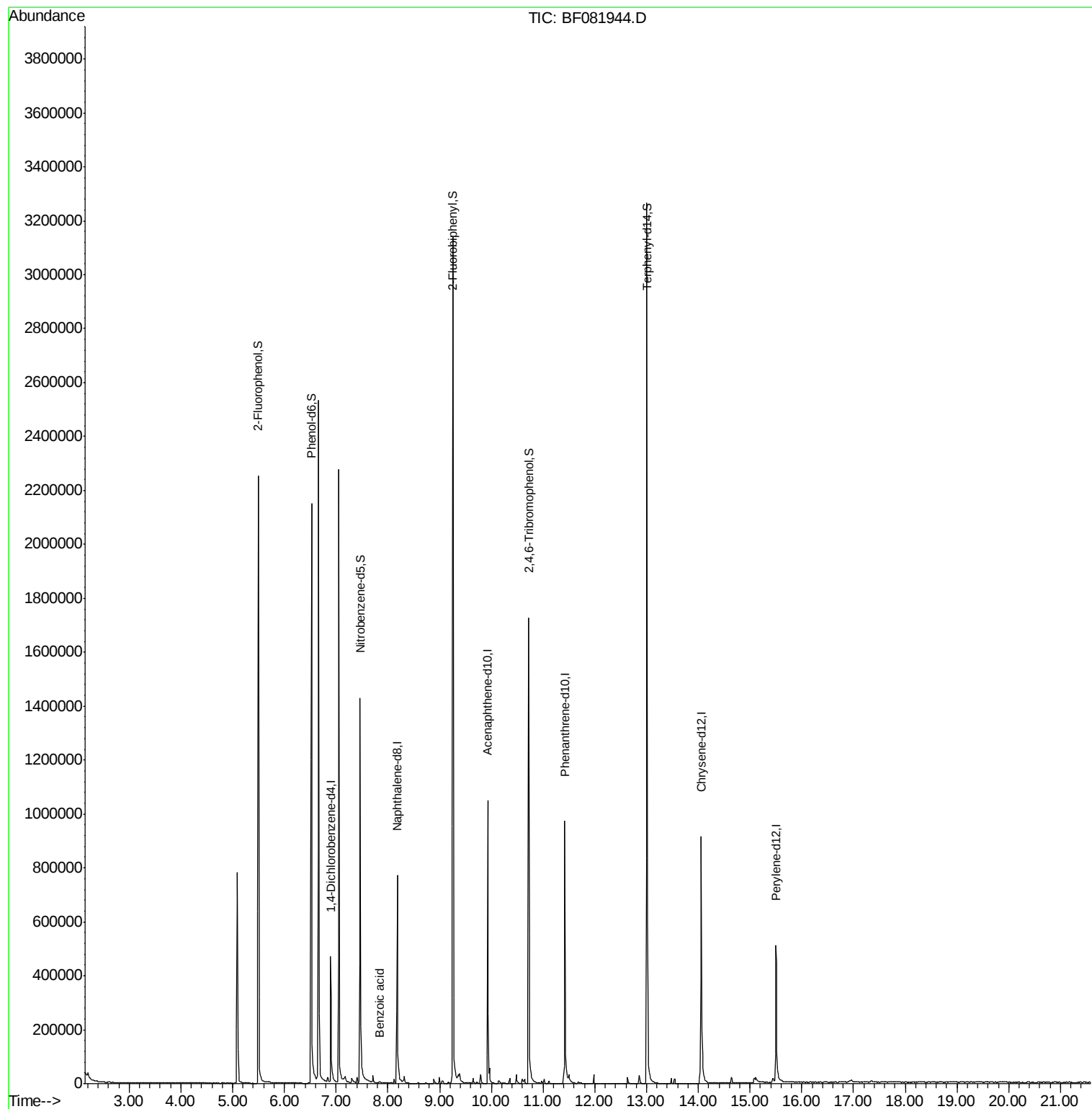
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	114803	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	466717	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	231410	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	461564	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	452265	20.00	ng	-0.06
86) Perylene-d12	15.50	264	360079	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	685828	108.45	ng	-0.02
7) Phenol-d6	6.53	99	994258	124.94	ng	-0.03
23) Nitrobenzene-d5	7.46	82	594575	84.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	259887	110.89	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1163464	83.92	ng	-0.05
78) Terphenyl-d14	13.01	244	1208143	86.78	ng	-0.05
Target Compounds						
32) Benzoic acid	7.84	122	3137	8.04	ng	# 28
57) Fluorene	10.48	166	12616	Below	Cal	92
70) Phenanthrene	11.44	178	20170	Below	Cal	99
73) Di-n-butylphthalate	11.98	149	19088	Below	Cal	# 98

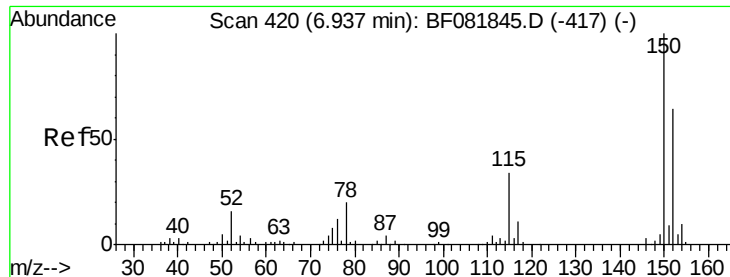
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081944.D
Acq On : 1 Oct 2015 17:40
Operator : UM/IZ
Sample : G3707-05
Misc : LOD 1 PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Quant Time: Oct 02 01:44:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081944.D

Acq: 1 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

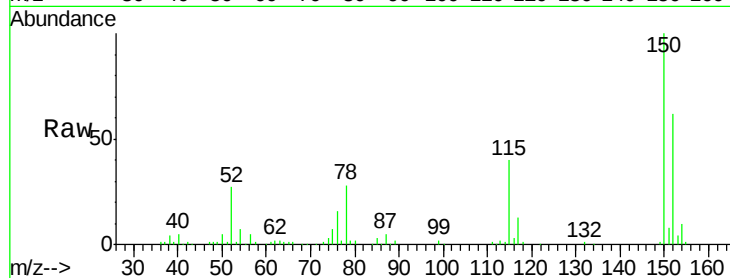
Tgt Ion:152 Resp: 114803

Ion Ratio Lower Upper

152 100

150 161.1 124.7 187.1

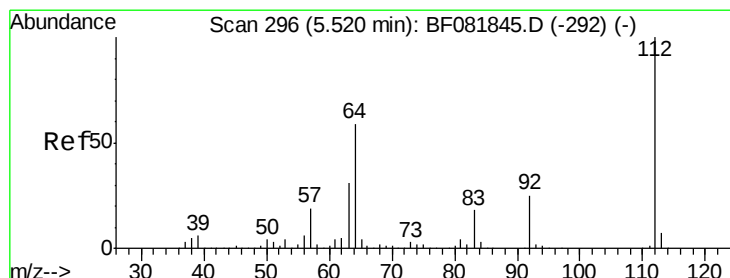
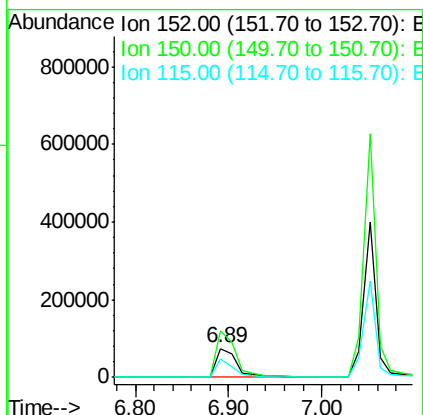
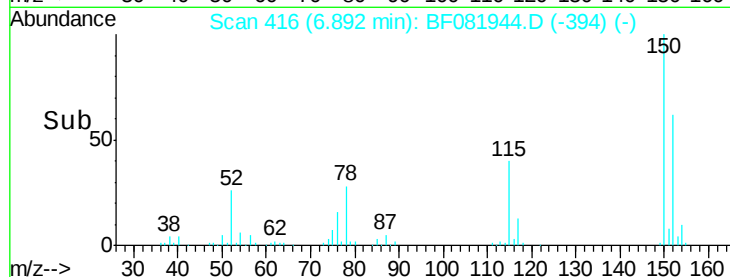
115 64.8 39.0 58.4#



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: 108.45 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081944.D

Acq: 1 Oct 2015 17:40

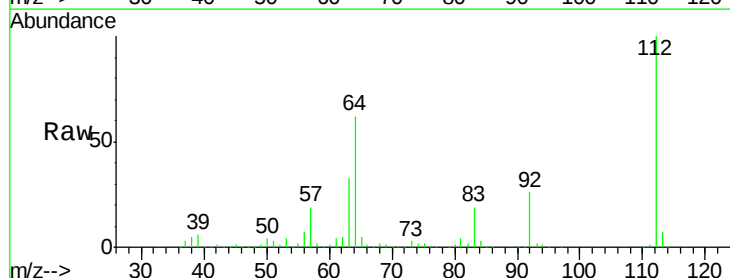
Tgt Ion:112 Resp: 685828

Ion Ratio Lower Upper

112 100

64 62.3 39.7 59.5#

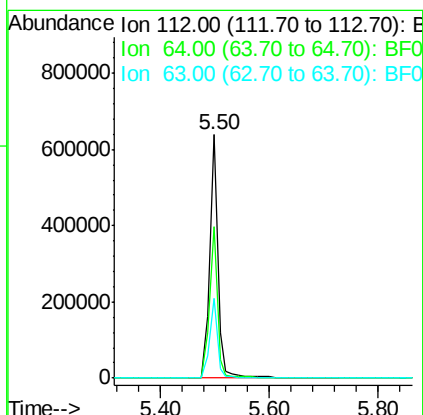
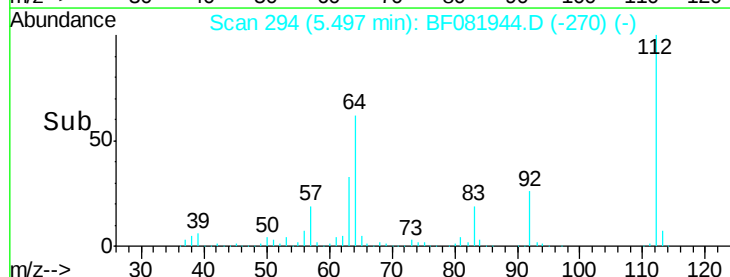
63 32.6 17.4 26.0#

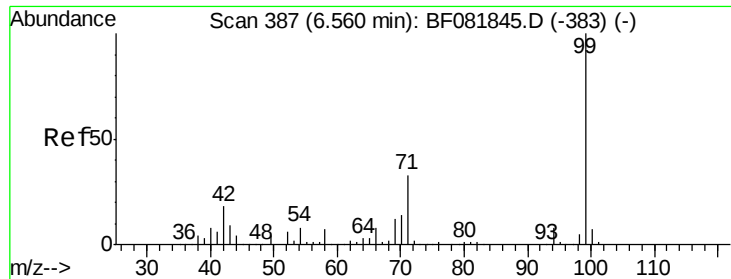


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.94 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081944.D

Acq: 1 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

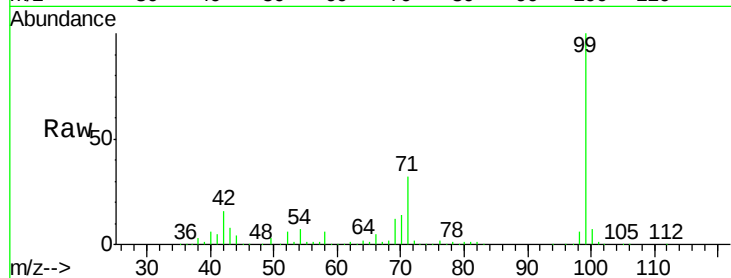
Tgt Ion: 99 Resp: 994258

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

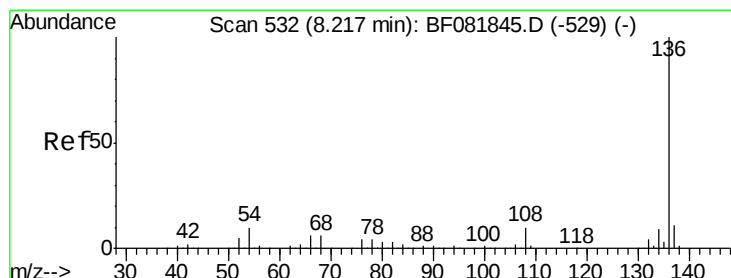
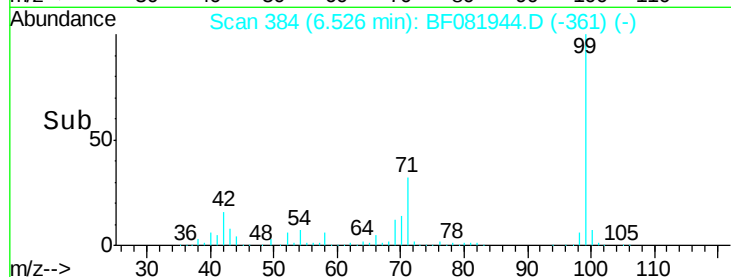
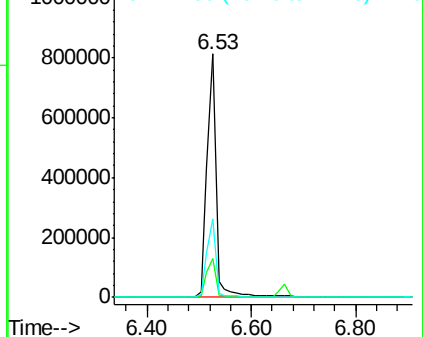
71 32.1 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081944.D

Acq: 1 Oct 2015 17:40

Tgt Ion: 136 Resp: 466717

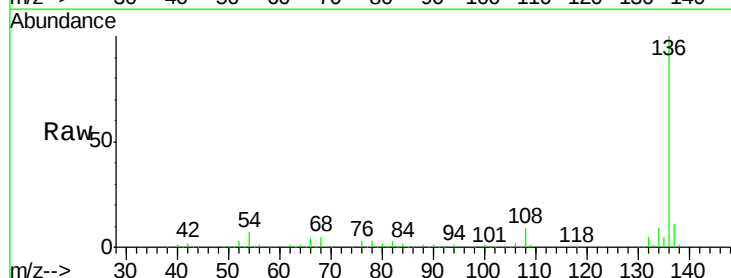
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.8 8.2 12.2#

68 4.9 5.8 8.6#

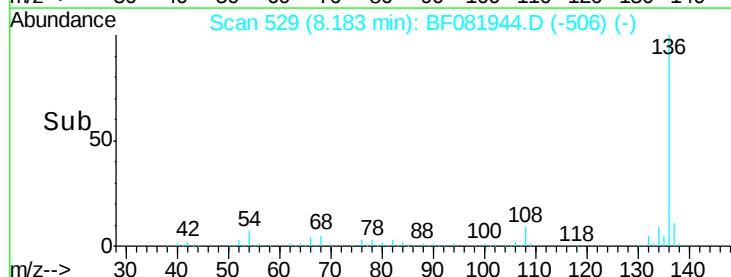
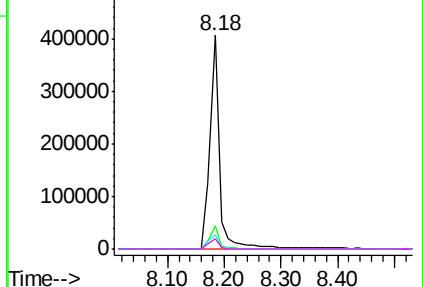


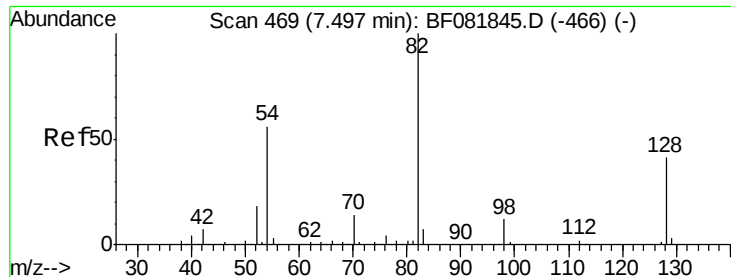
Abundance Ion 136.00 (135.70 to 136.70): E

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

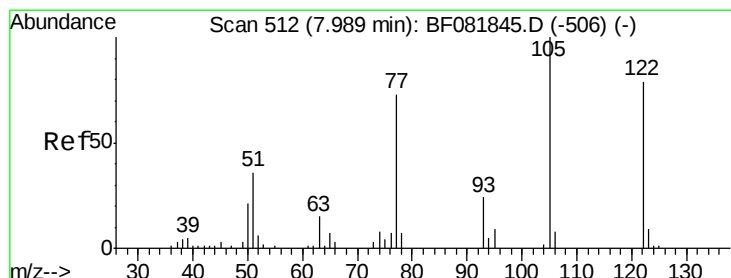
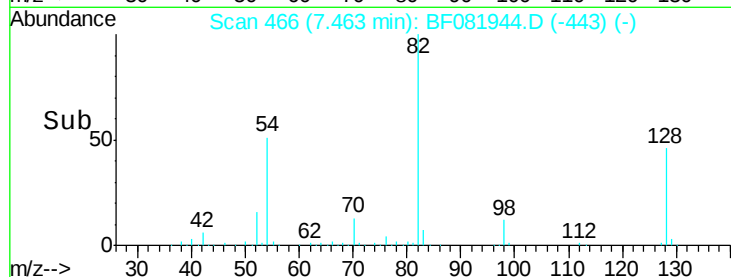
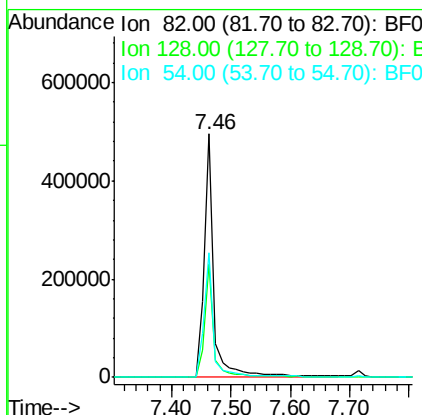
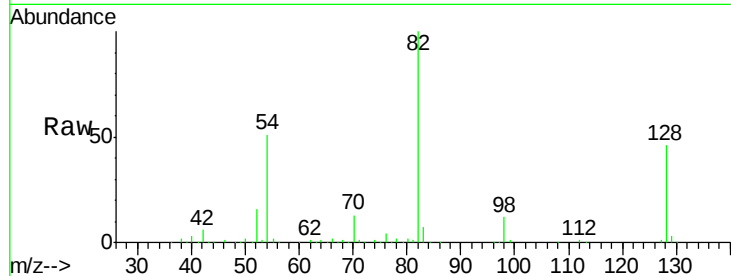




#23
 Nitrobenzene-d5
 Concen: 84.92 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

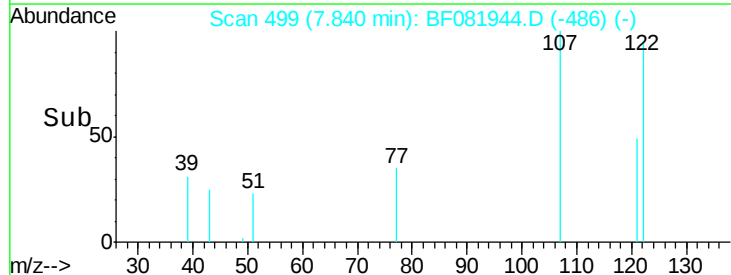
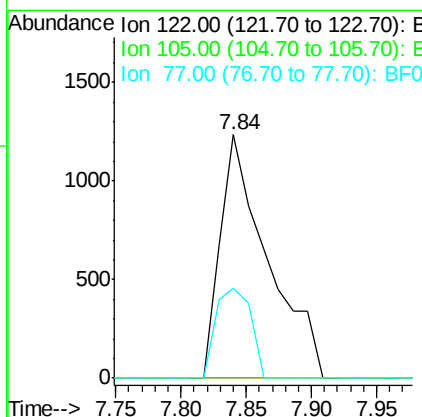
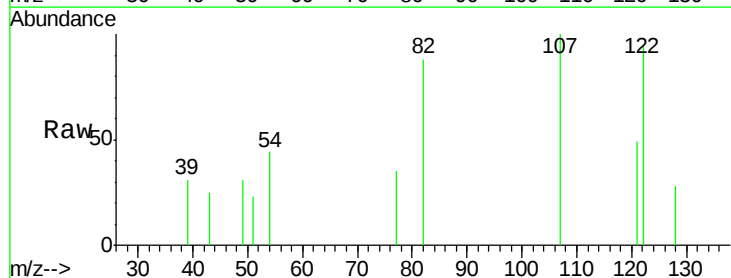
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

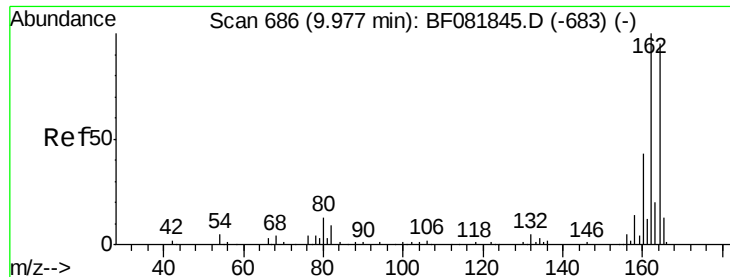
Tgt Ion: 82 Resp: 594575
 Ion Ratio Lower Upper
 82 100
 128 46.2 51.0 76.6#
 54 51.3 47.5 71.3



#32
 Benzoic acid
 Concen: 8.04 ng
 RT: 7.84 min Scan# 499
 Delta R.T. -0.15 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

Tgt Ion: 122 Resp: 3137
 Ion Ratio Lower Upper
 122 100
 105 0.0 76.1 116.1#
 77 37.1 40.5 80.5#

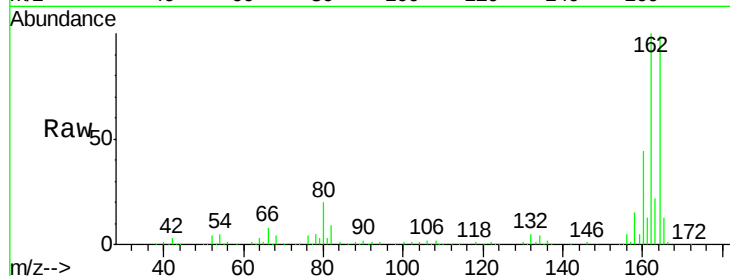




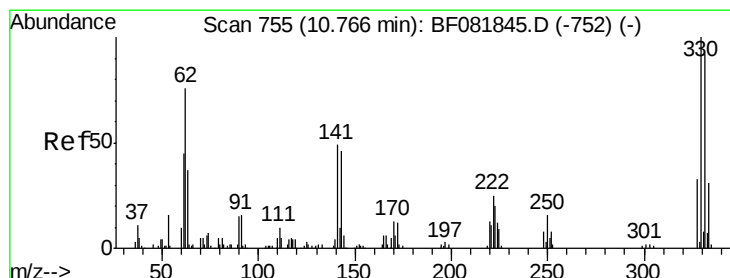
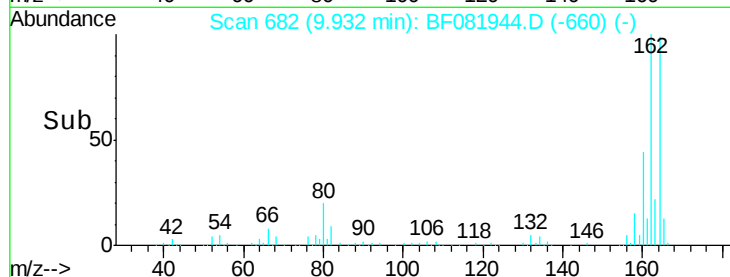
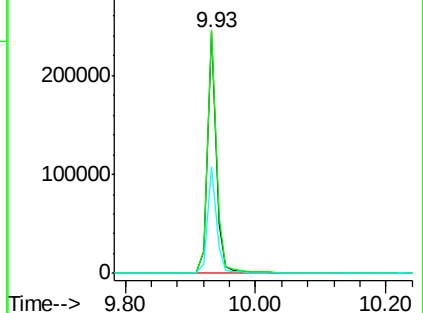
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:164 Resp: 231410
 Ion Ratio Lower Upper
 164 100
 162 101.2 75.2 112.8
 160 44.5 31.5 47.3

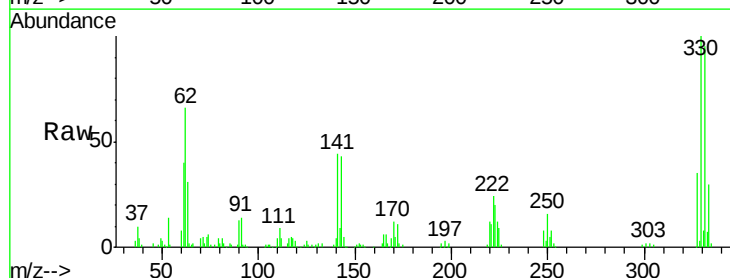


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

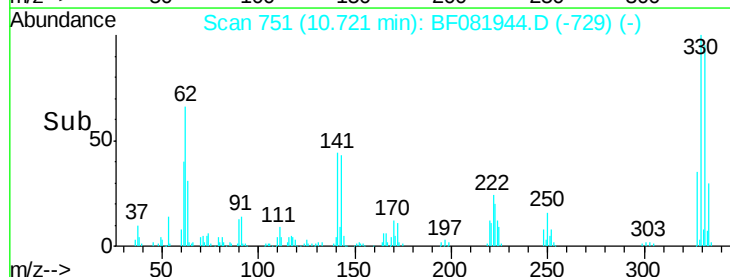
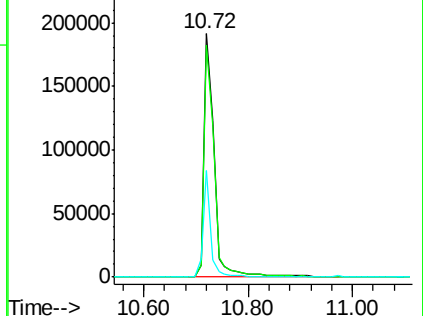


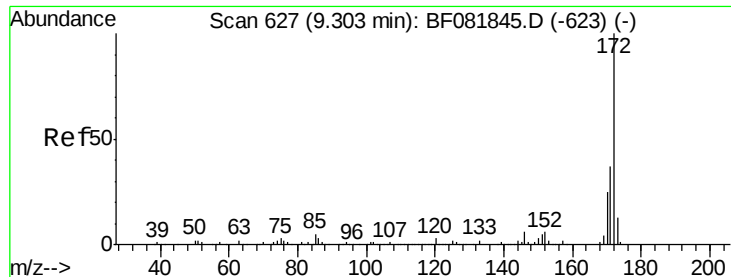
#41
 2,4,6-Tribromophenol
 Concen: 110.89 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

Tgt Ion:330 Resp: 259887
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 33.8 29.7 44.5



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

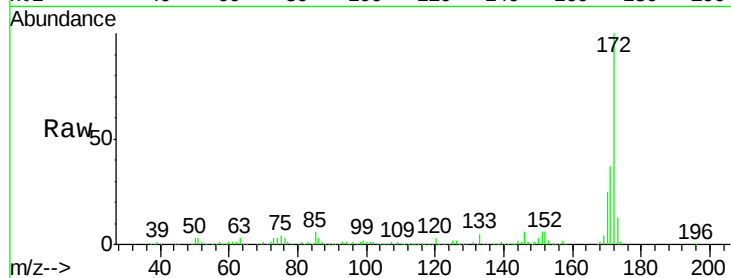




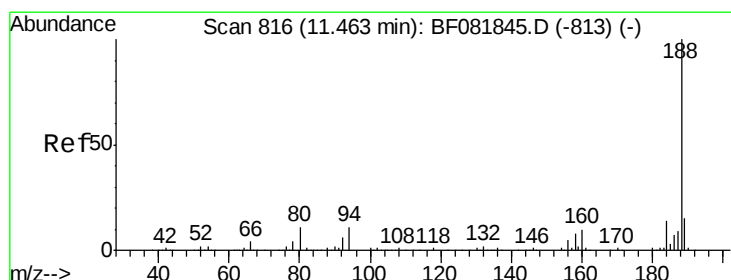
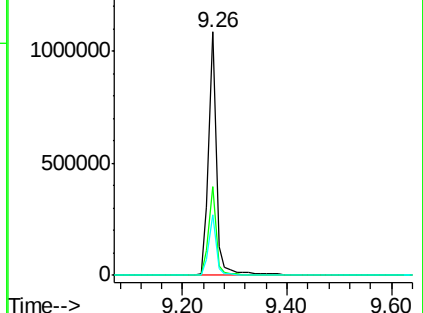
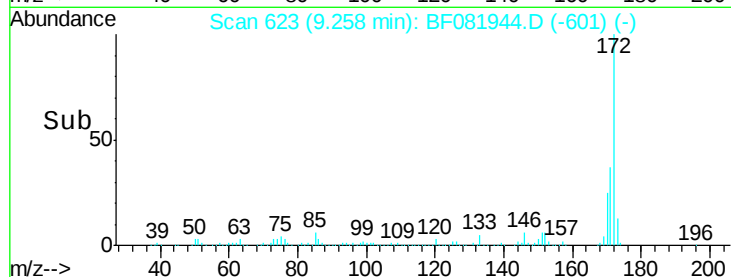
#44
 2-Fluorobiphenyl
 Concen: 83.92 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:172 Resp: 1163464
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.7 17.4 26.2

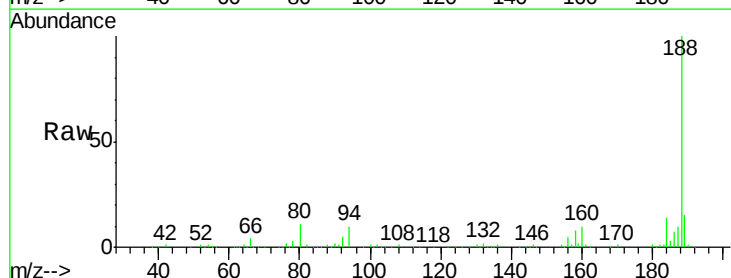


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

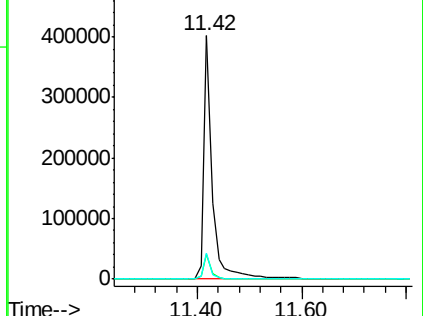
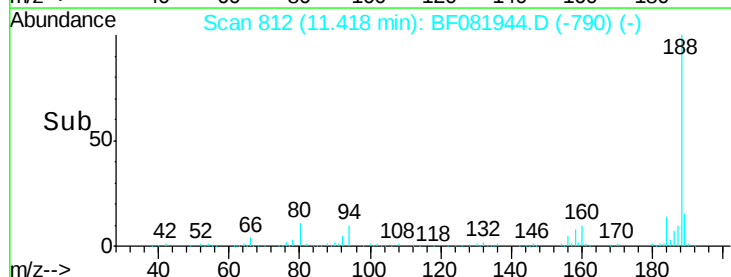


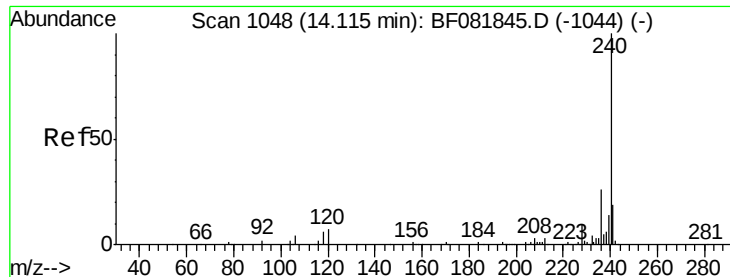
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

Tgt Ion:188 Resp: 461564
 Ion Ratio Lower Upper
 188 100
 94 10.0 11.1 16.7#
 80 10.6 11.0 16.4#



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: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081944.D

Acq: 1 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

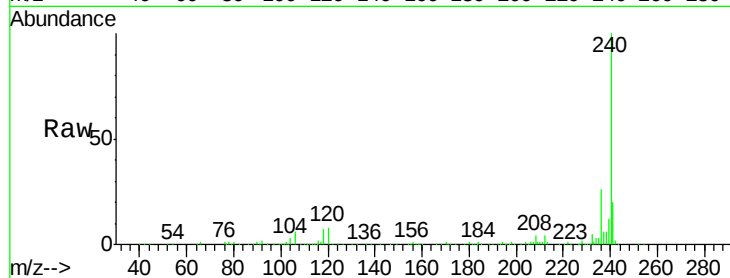
Tgt Ion:240 Resp: 452265

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

236 25.9 18.4 27.6

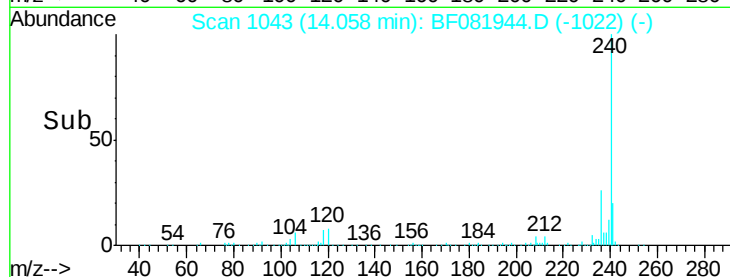


Abundance Ion 240.00 (239.70 to 240.70): E

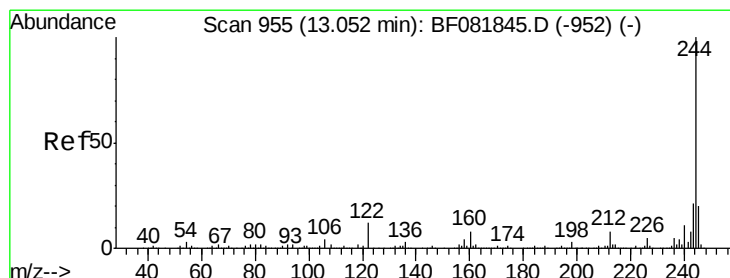
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.06



Time-->



#78

Terphenyl-d14

Concen: 86.78 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081944.D

Acq: 1 Oct 2015 17:40

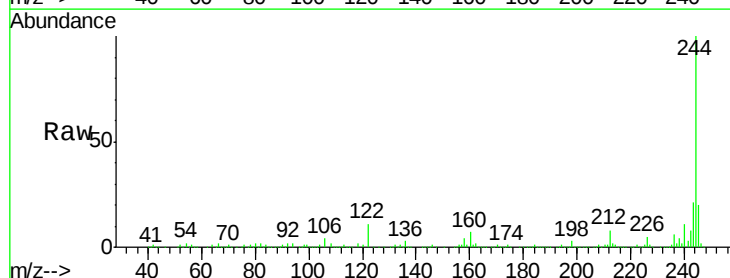
Tgt Ion:244 Resp: 1208143

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

122 11.0 17.4 26.2#

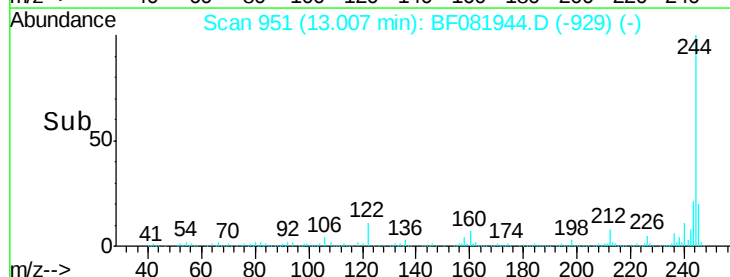


Abundance Ion 244.00 (243.70 to 244.70): E

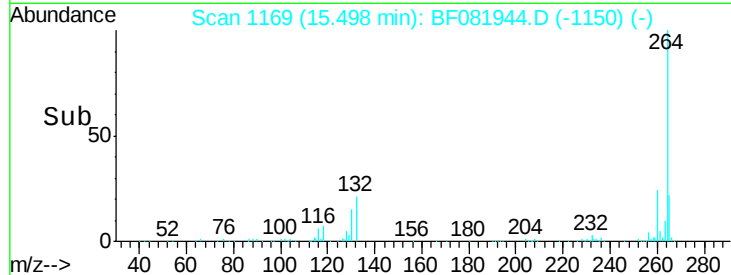
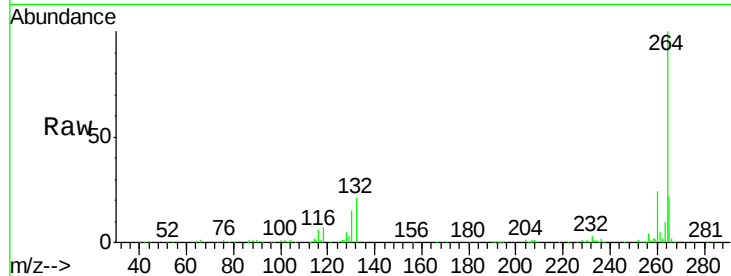
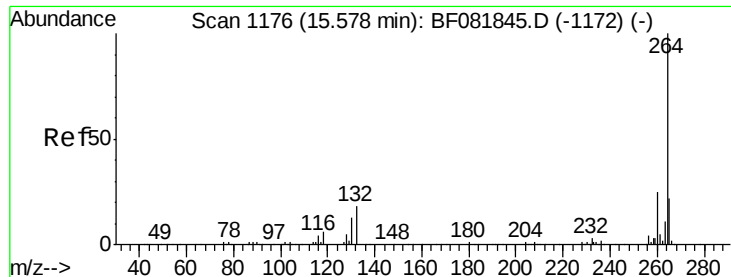
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.01



Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081944.D
Acq: 1 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:	264	Resp:	360079
Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	22.1	17.2	25.8

