

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081947.D
 Acq On : 1 Oct 2015 19:11
 Operator : UM/IZ
 Sample : G3707-05
 Misc : LOD 8 PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Oct 02 05:08:48 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	126485	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	512819	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	249959	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	509176	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	497050	20.00	ng	-0.06
86) Perylene-d12	15.51	264	400558	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	759337	108.98	ng	-0.02
7) Phenol-d6	6.53	99	983013	112.12	ng	-0.03
23) Nitrobenzene-d5	7.46	82	645196	83.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	316695	125.10	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1250010	83.37	ng	-0.05
78) Terphenyl-d14	13.01	244	1278871	82.40	ng	-0.05

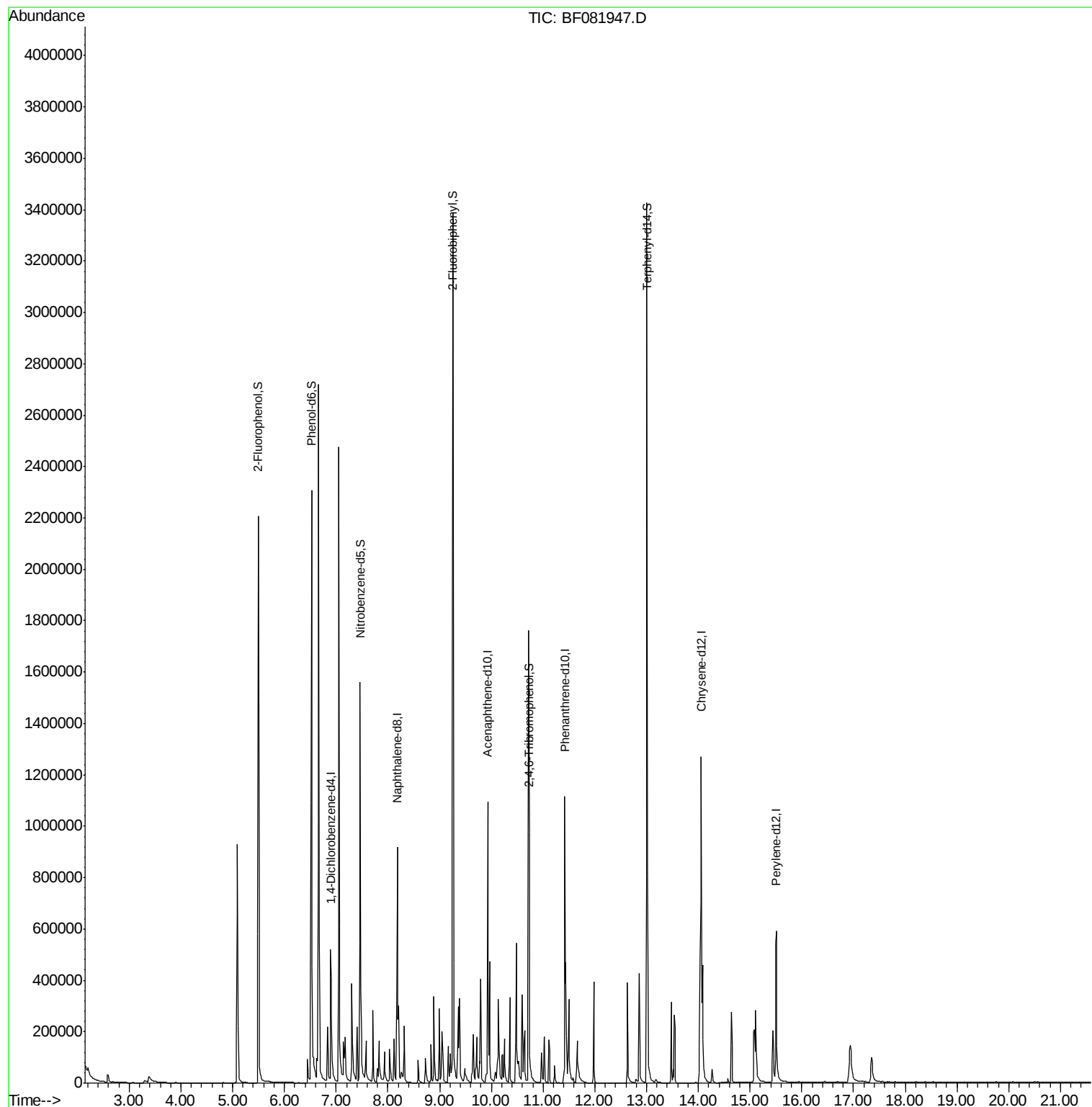
Target Compounds	Qvalue
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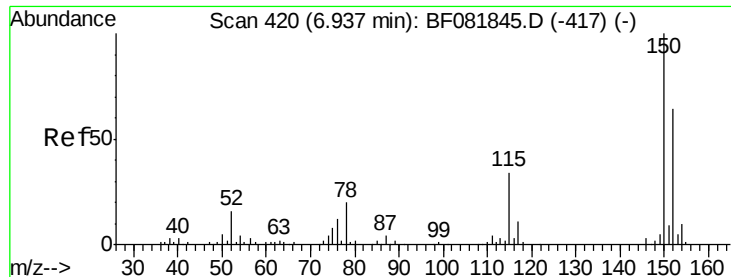
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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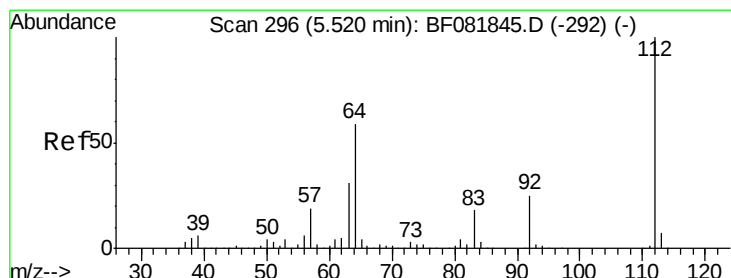
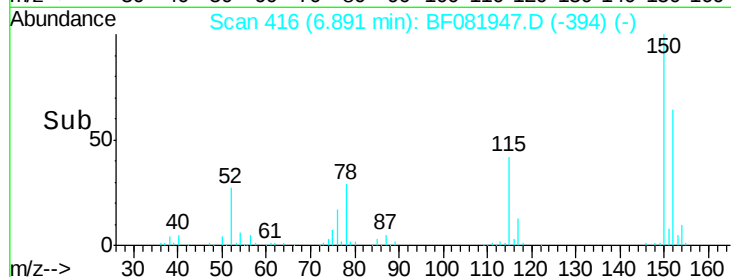
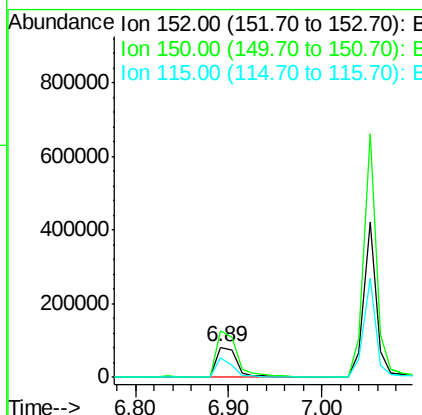
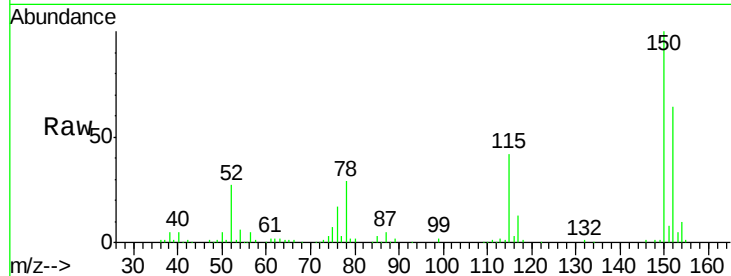




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.05 min
 Lab File: BF081947.D
 Acq: 1 Oct 2015 19:11

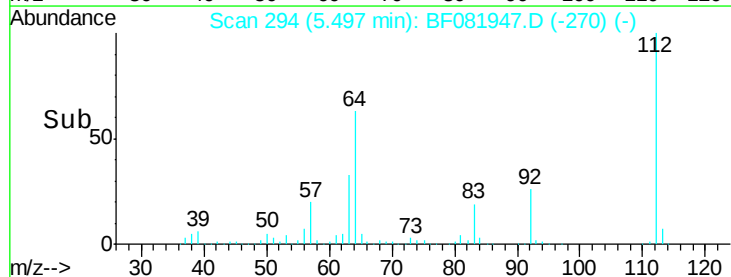
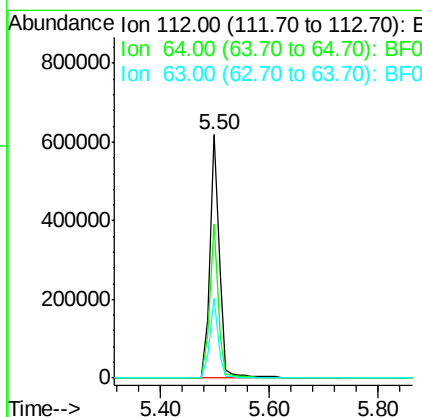
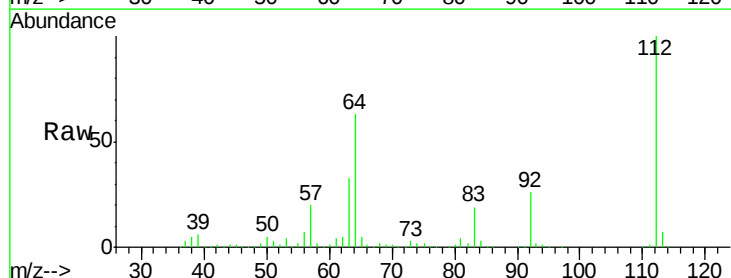
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

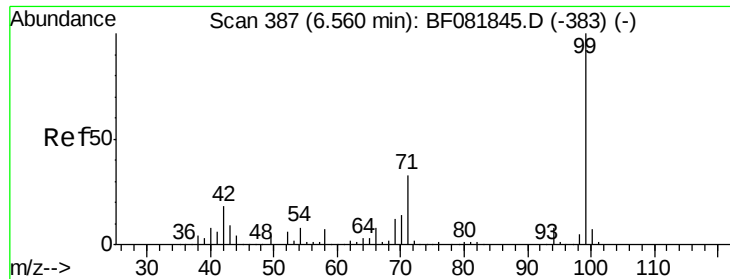
Tgt Ion:152 Resp: 126485
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.7 187.1
 115 65.7 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 108.98 ng
 RT: 5.50 min Scan# 294
 Delta R.T. -0.02 min
 Lab File: BF081947.D
 Acq: 1 Oct 2015 19:11

Tgt Ion:112 Resp: 759337
 Ion Ratio Lower Upper
 112 100
 64 63.3 39.7 59.5#
 63 32.7 17.4 26.0#





#7

Phenol-d6

Concen: 112.12 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081947.D

Acq: 1 Oct 2015 19:11

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

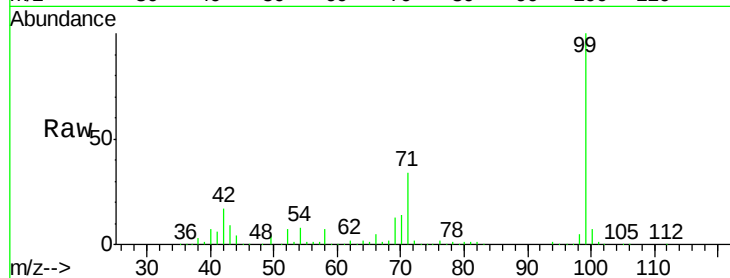
Tgt Ion: 99 Resp: 983013

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

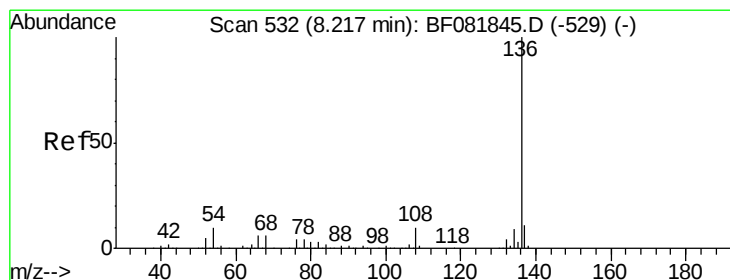
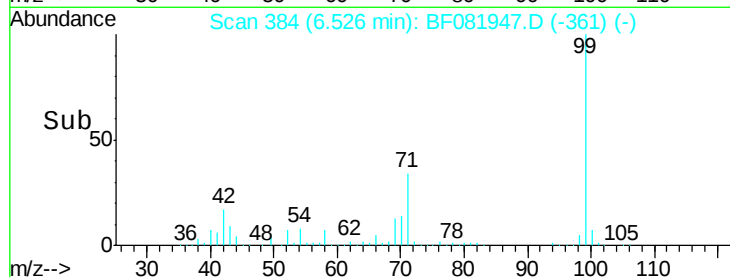
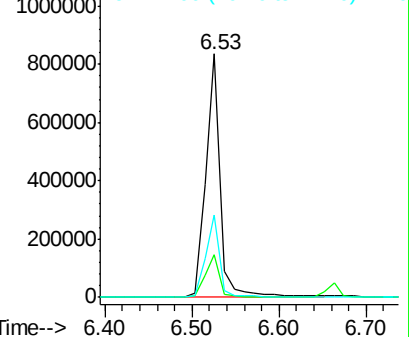
71 34.0 14.2 21.2#



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: BF081947.D

Acq: 1 Oct 2015 19:11

Tgt Ion: 136 Resp: 512819

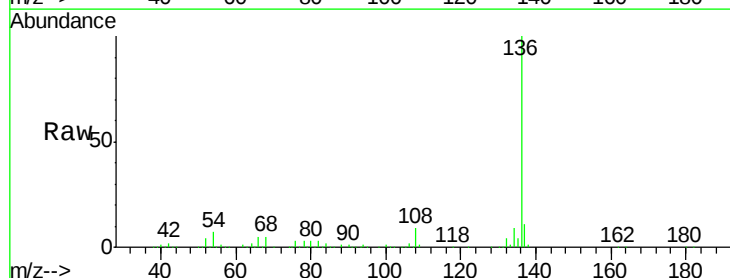
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.3 8.2 12.2#

68 5.2 5.8 8.6#

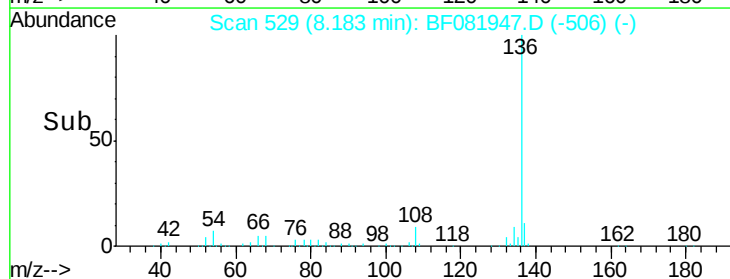
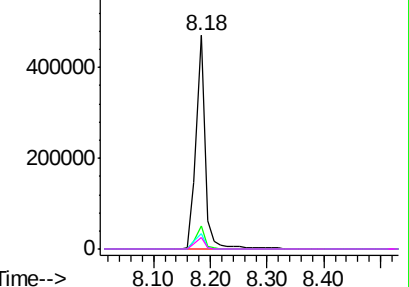


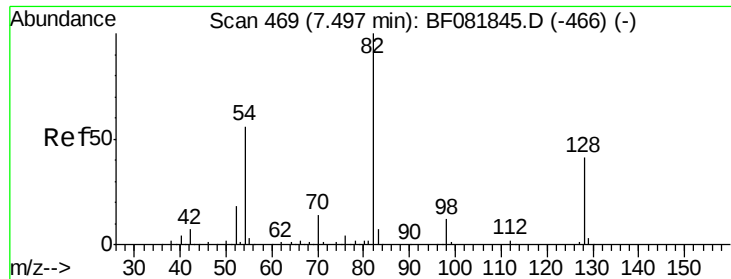
Abundance Ion 136.00 (135.70 to 136.70): E

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

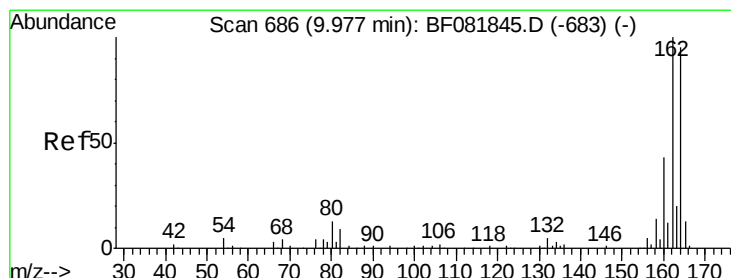
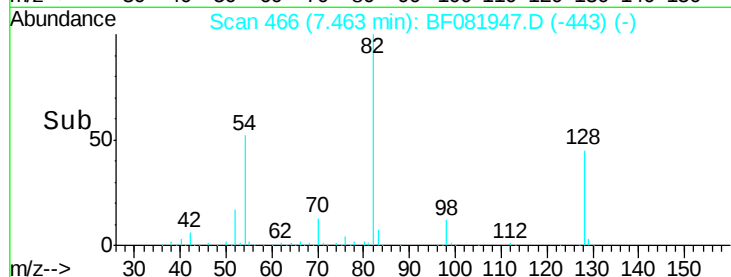
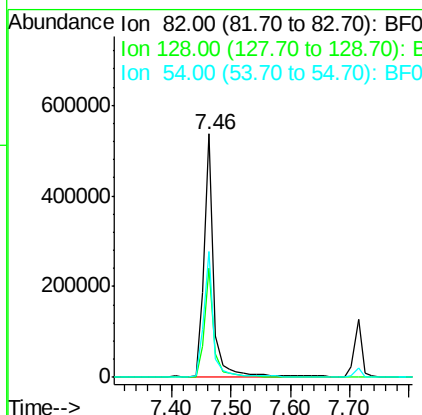
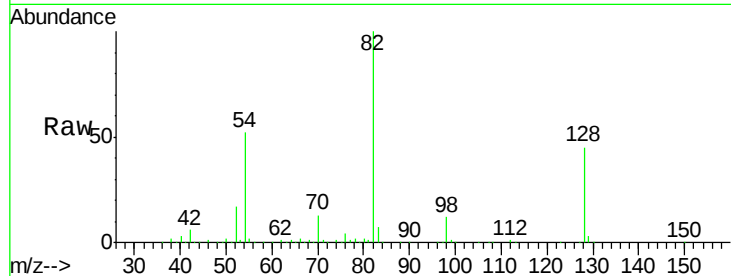




#23
 Nitrobenzene-d5
 Concen: 83.87 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081947.D
 Acq: 1 Oct 2015 19:11

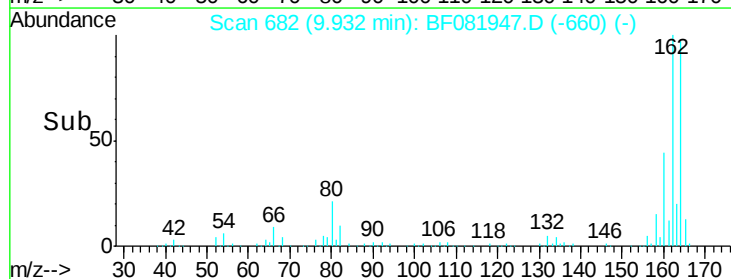
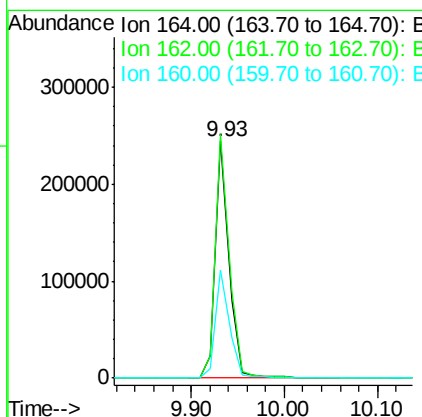
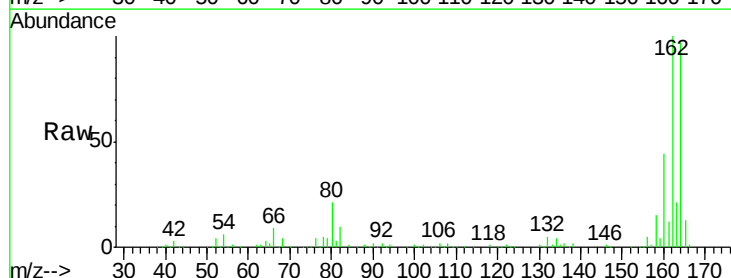
Instrument :
 BNA_F
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 LOD-WATER2015-01

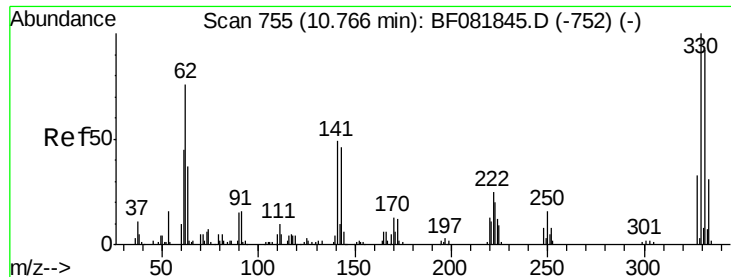
Tgt Ion: 82 Resp: 645196
 Ion Ratio Lower Upper
 82 100
 128 44.8 51.0 76.6#
 54 51.9 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081947.D
 Acq: 1 Oct 2015 19:11

Tgt Ion: 164 Resp: 249959
 Ion Ratio Lower Upper
 164 100
 162 102.8 75.2 112.8
 160 45.4 31.5 47.3

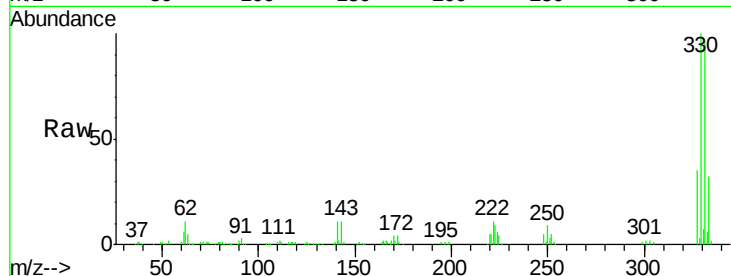




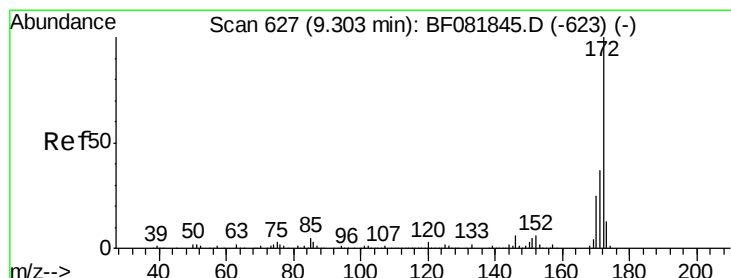
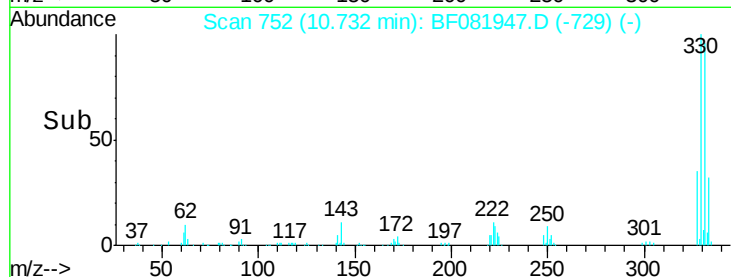
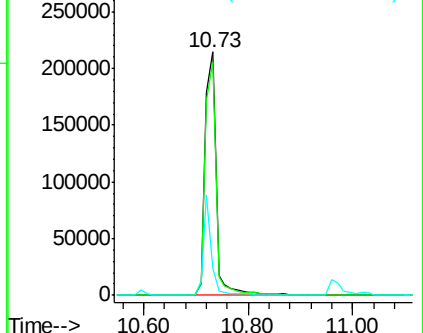
#41
 2,4,6-Tribromophenol
 Concen: 125.10 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081947.D
 Acq: 1 Oct 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:330 Resp: 316695
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 30.8 29.7 44.5

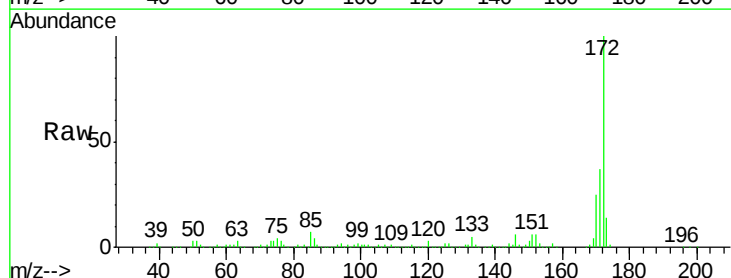


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

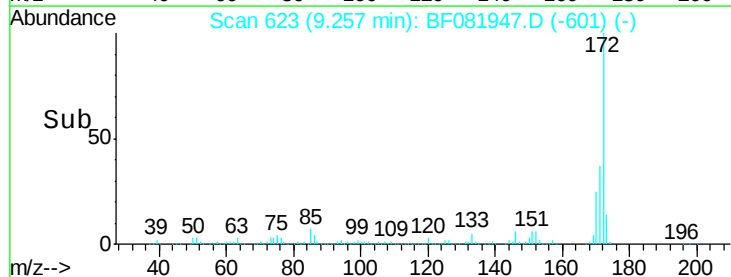
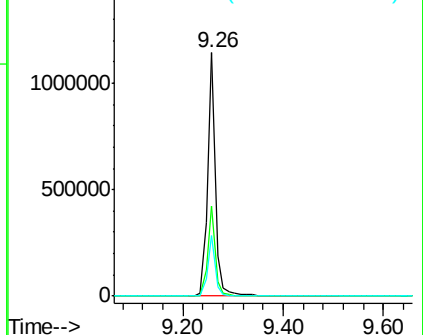


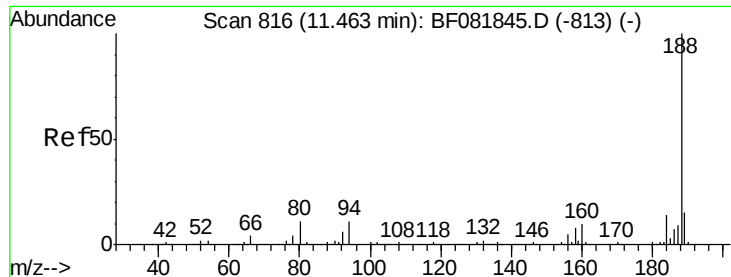
#44
 2-Fluorobiphenyl
 Concen: 83.37 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081947.D
 Acq: 1 Oct 2015 19:11

Tgt Ion:172 Resp: 1250010
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 24.8 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

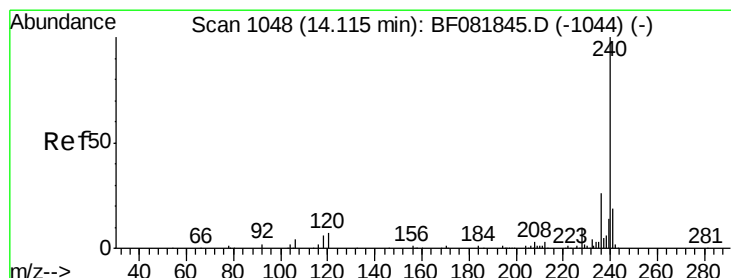
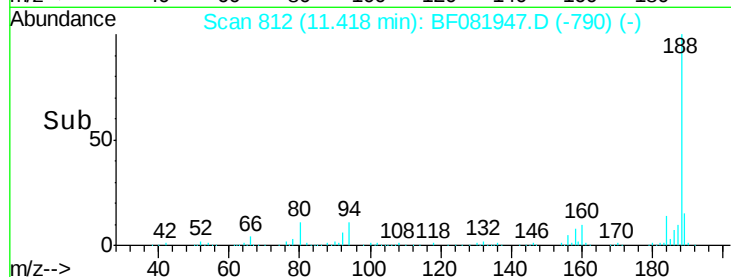
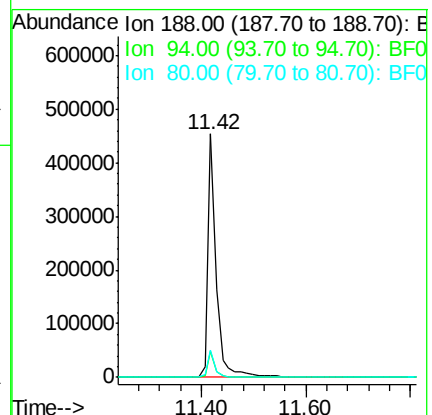
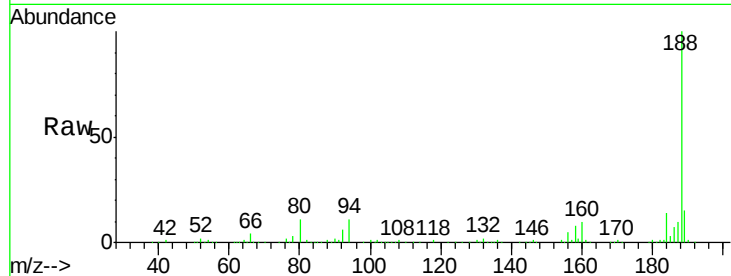




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081947.D
Acq: 1 Oct 2015 19:11

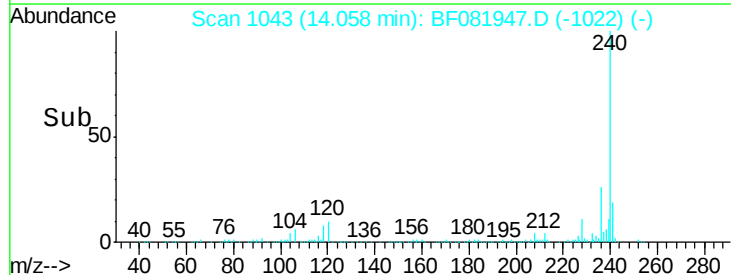
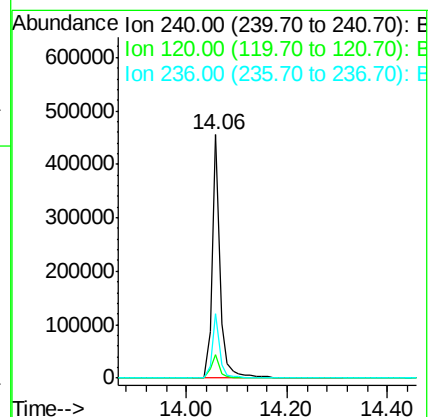
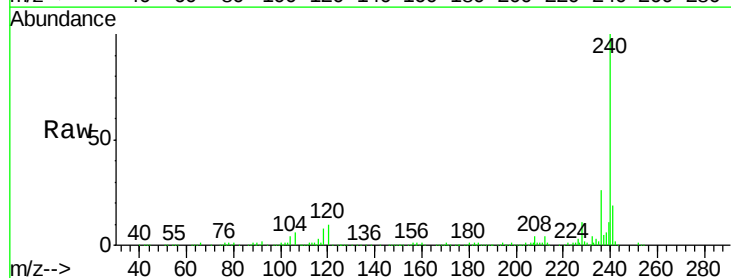
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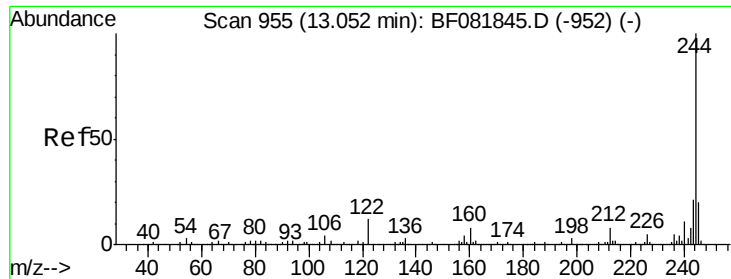
Tgt Ion:188 Resp: 509176
Ion Ratio Lower Upper
188 100
94 10.6 11.1 16.7#
80 11.3 11.0 16.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF081947.D
Acq: 1 Oct 2015 19:11

Tgt Ion:240 Resp: 497050
Ion Ratio Lower Upper
240 100
120 9.5 16.2 24.2#
236 26.4 18.4 27.6

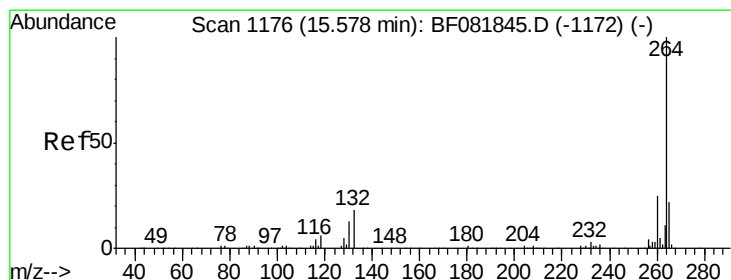
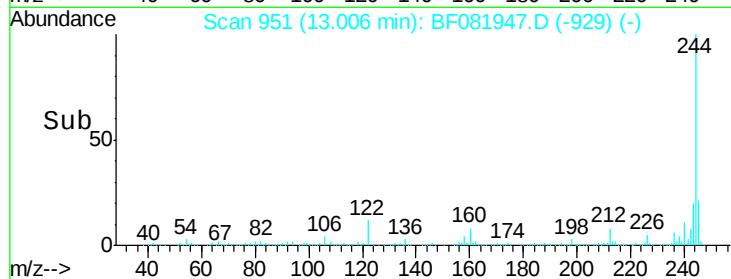
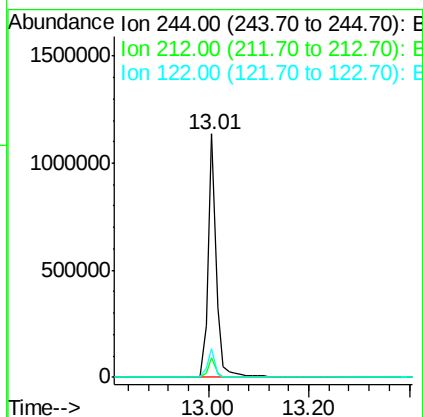
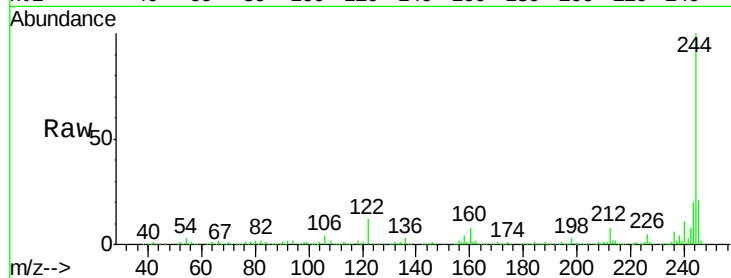




#78
 Terphenyl-d14
 Concen: 82.40 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081947.D
 Acq: 1 Oct 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:244 Resp: 1278871
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 11.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.07 min
 Lab File: BF081947.D
 Acq: 1 Oct 2015 19:11

Tgt Ion:264 Resp: 400558
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.8 17.2 25.8

