

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081945.D
 Acq On : 1 Oct 2015 18:10
 Operator : UM/IZ
 Sample : G3707-05
 Misc : LOD 2 PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Oct 02 01:44:19 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

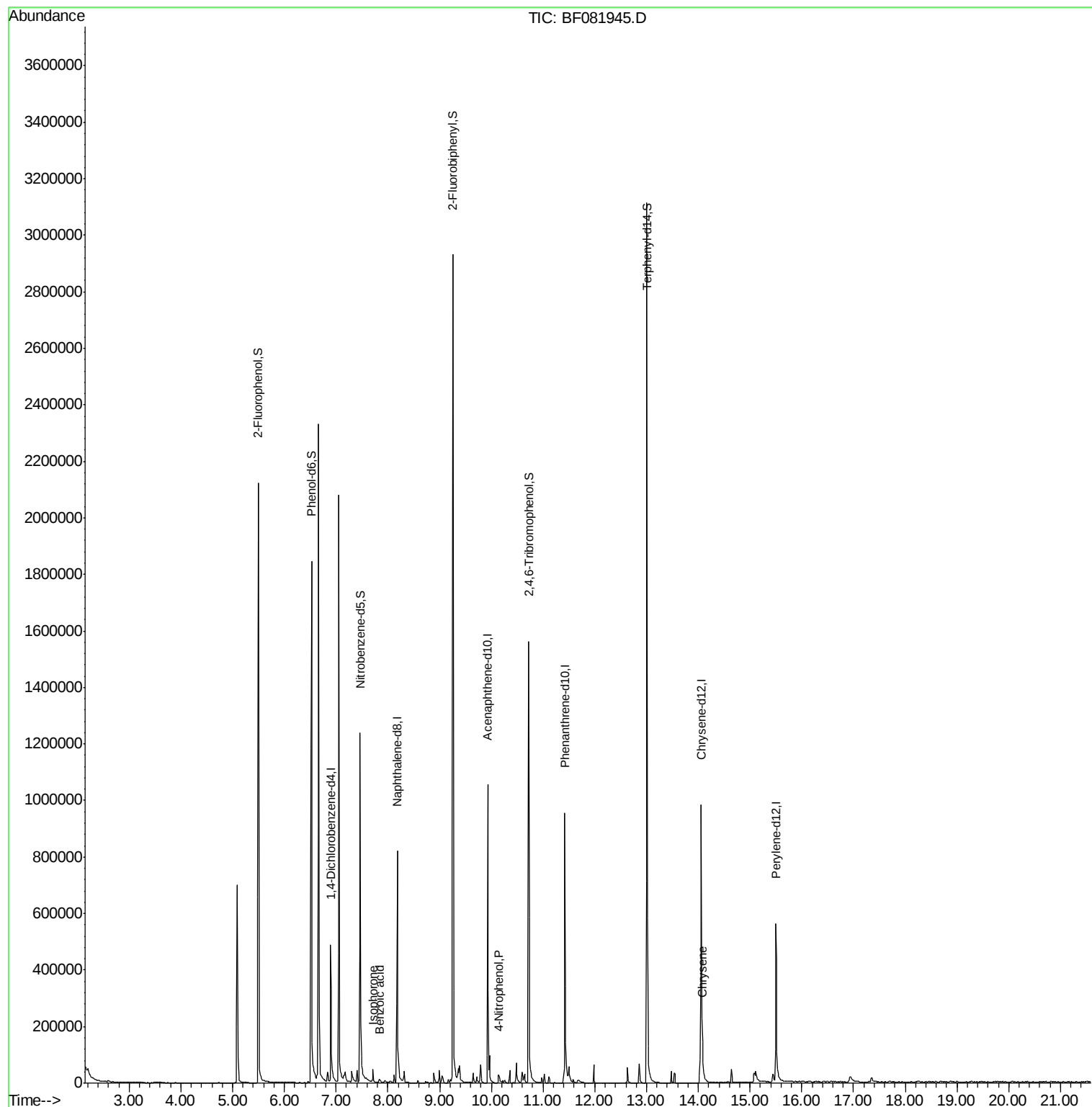
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119484	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	486886	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	237483	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	465345	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	477339	20.00	ng	-0.06
86) Perylene-d12	15.50	264	376251	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	643808	97.81	ng	-0.02
7) Phenol-d6	6.53	99	915231	110.50	ng	-0.03
23) Nitrobenzene-d5	7.46	82	547819	75.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	239427	99.55	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1088084	74.92	ng	-0.05
78) Terphenyl-d14	13.01	244	1143939	74.90	ng	-0.05
Target Compounds						
25) Isophorone	7.71	82	30285	2.09	ng	# 92
32) Benzoic acid	7.84	122	6373	8.69	ng	# 31
55) 4-Nitrophenol	10.15	139	12947	4.35	ng	# 33
57) Fluorene	10.48	166	24084	Below	Cal	95
70) Phenanthrene	11.44	178	35146	Below	Cal	97
82) Chrysene	14.08	228	39393	2.05	ng	95

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

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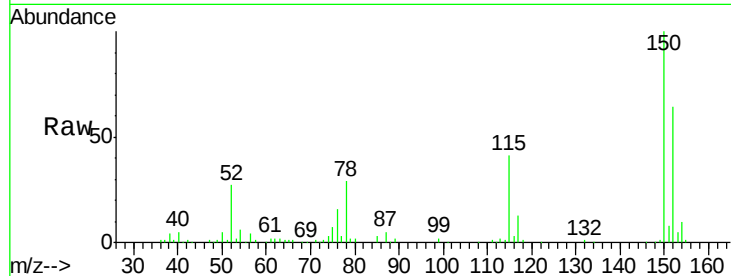




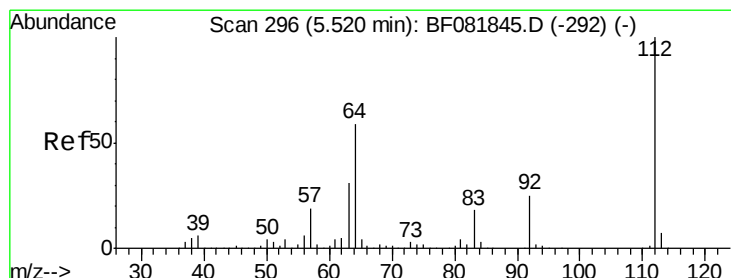
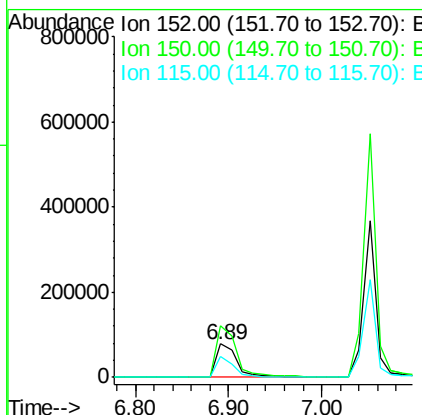
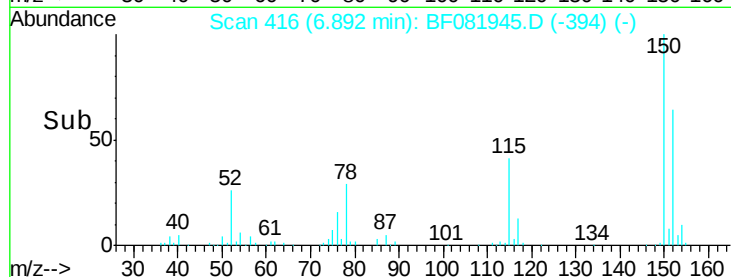
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.05 min
 Lab File: BF081945.D
 Acq: 1 Oct 2015 18:10

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:152 Resp: 119484
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.7 187.1
 115 64.9 39.0 58.4#

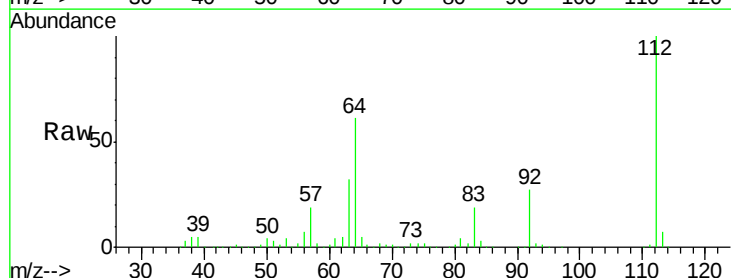


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

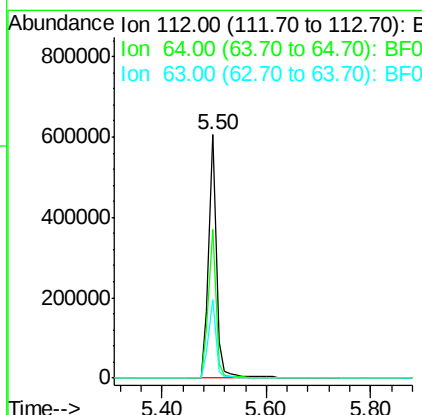
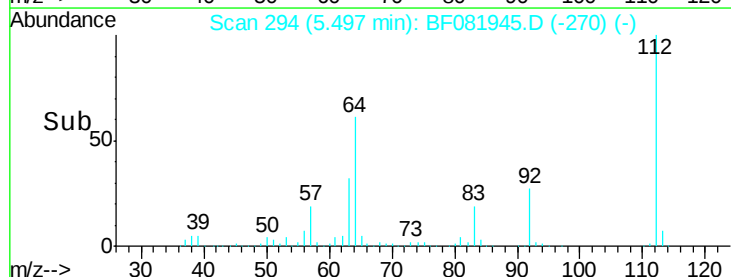


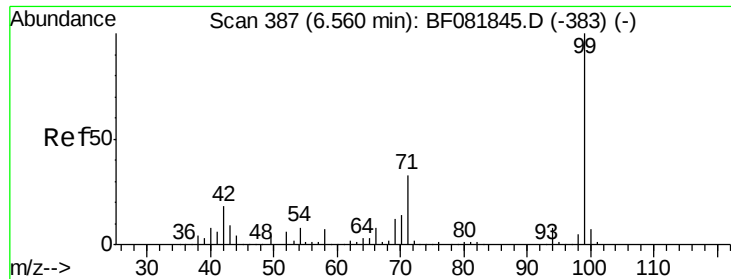
#5
 2-Fluorophenol
 Concen: 97.81 ng
 RT: 5.50 min Scan# 294
 Delta R.T. -0.02 min
 Lab File: BF081945.D
 Acq: 1 Oct 2015 18:10

Tgt Ion:112 Resp: 643808
 Ion Ratio Lower Upper
 112 100
 64 61.4 39.7 59.5#
 63 32.3 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: 110.50 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081945.D

Acq: 1 Oct 2015 18:10

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

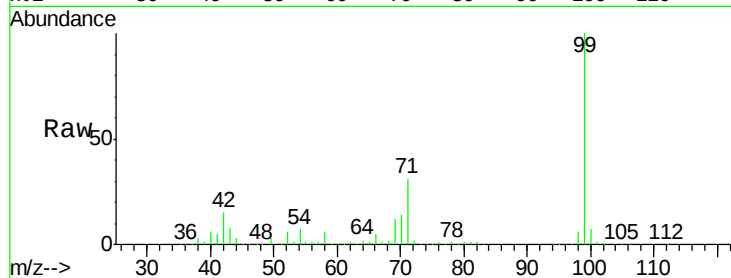
Tgt Ion: 99 Resp: 915231

Ion Ratio Lower Upper

99 100

42 14.5 13.7 20.5

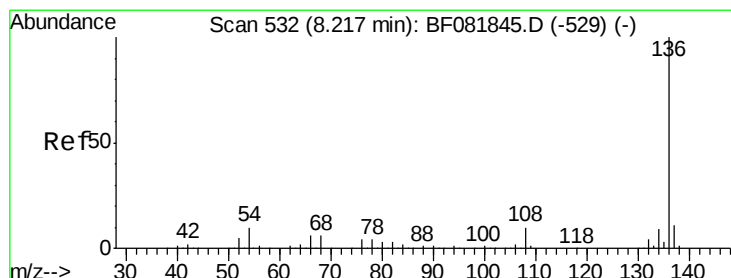
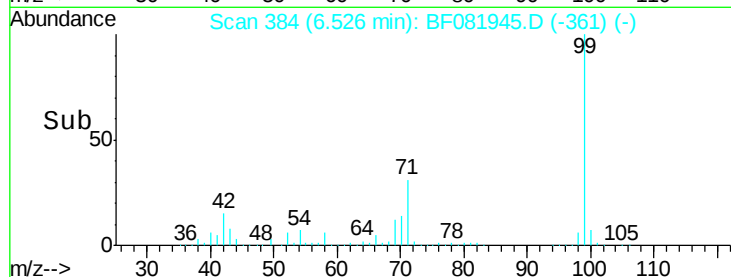
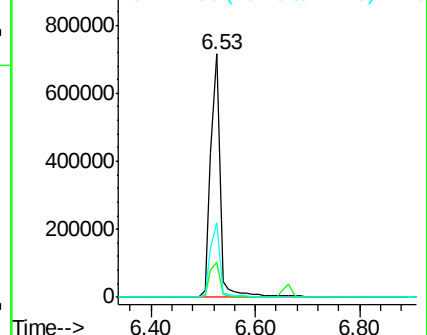
71 30.6 14.2 21.2#



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: BF081945.D

Acq: 1 Oct 2015 18:10

Tgt Ion: 136 Resp: 486886

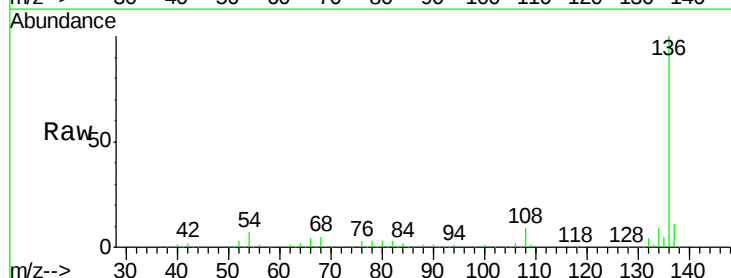
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.8 8.2 12.2#

68 5.0 5.8 8.6#

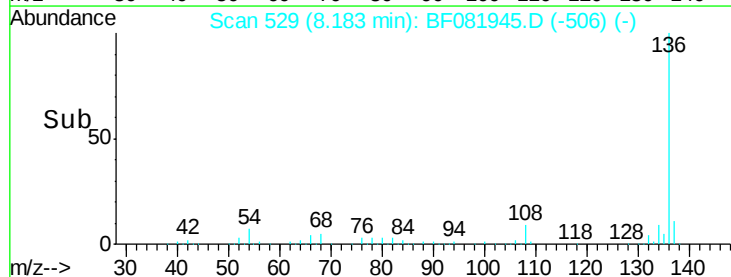
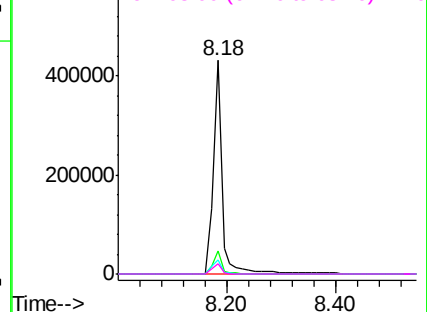


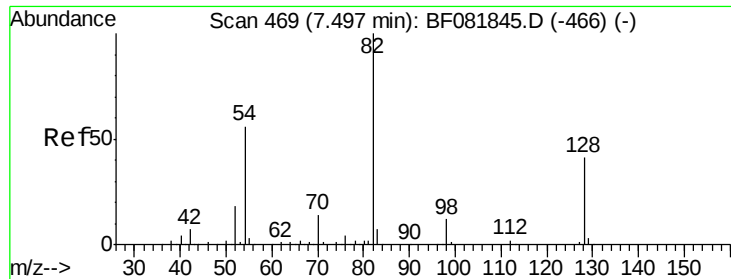
Abundance Ion 136.00 (135.70 to 136.70): E

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

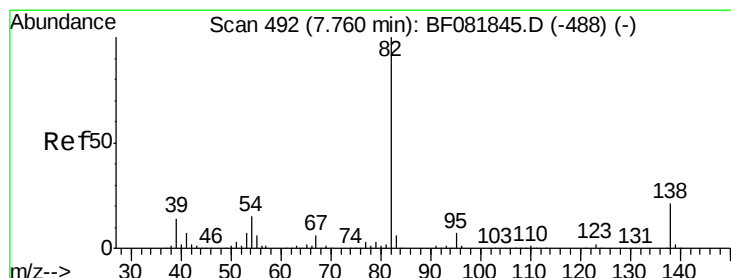
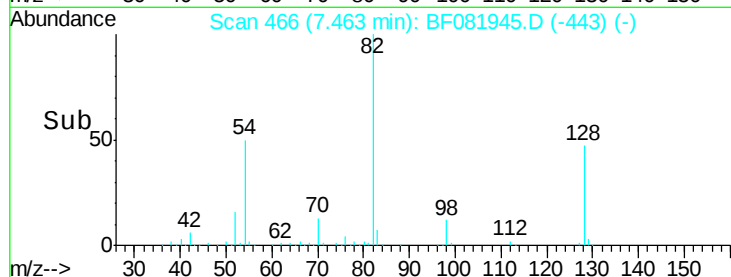
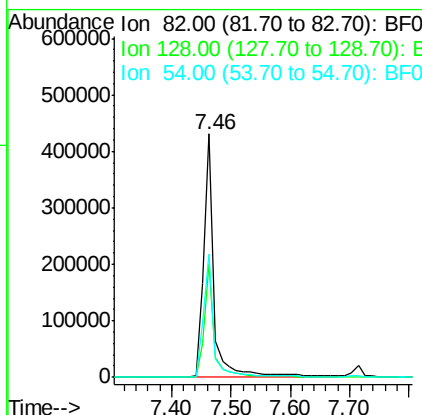
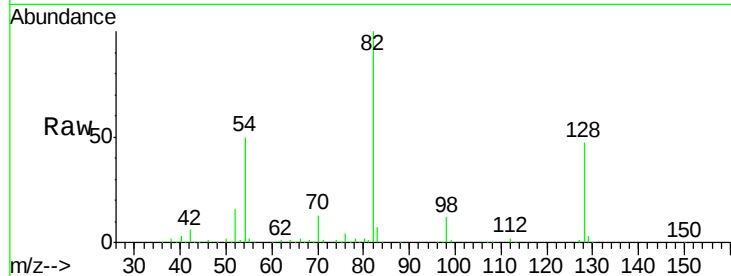




#23
 Nitrobenzene-d5
 Concen: 75.00 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081945.D
 Acq: 1 Oct 2015 18:10

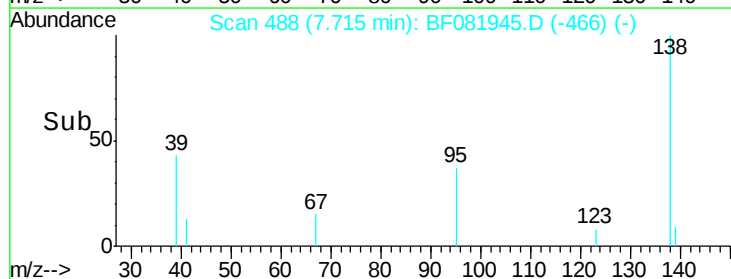
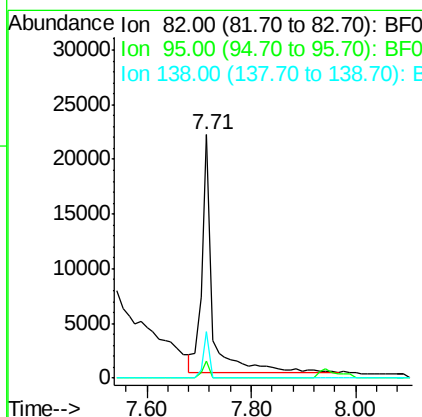
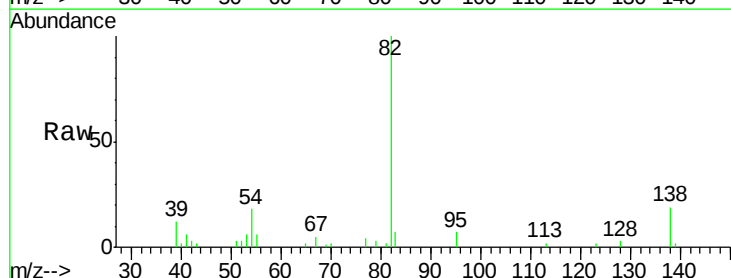
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

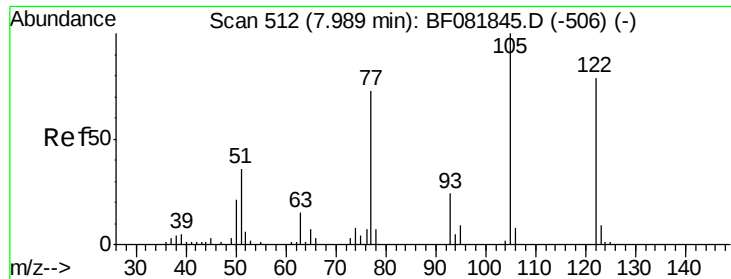
Tgt Ion: 82 Resp: 547819
 Ion Ratio Lower Upper
 82 100
 128 46.6 51.0 76.6#
 54 50.5 47.5 71.3



#25
 Isophorone
 Concen: 2.09 ng
 RT: 7.71 min Scan# 488
 Delta R.T. -0.05 min
 Lab File: BF081945.D
 Acq: 1 Oct 2015 18:10

Tgt Ion: 82 Resp: 30285
 Ion Ratio Lower Upper
 82 100
 95 7.1 4.0 6.0#
 138 19.1 18.3 27.5

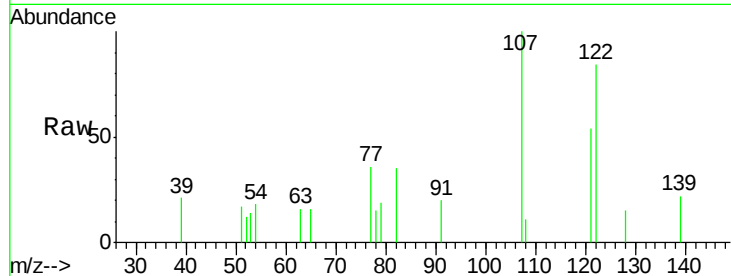




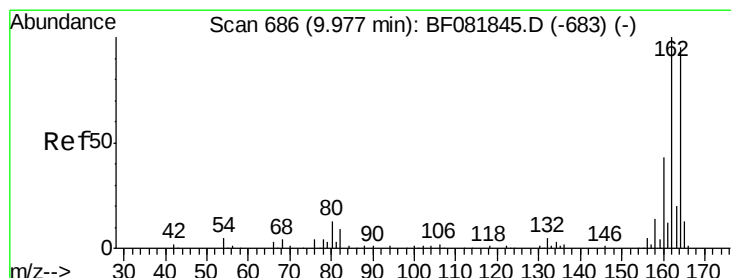
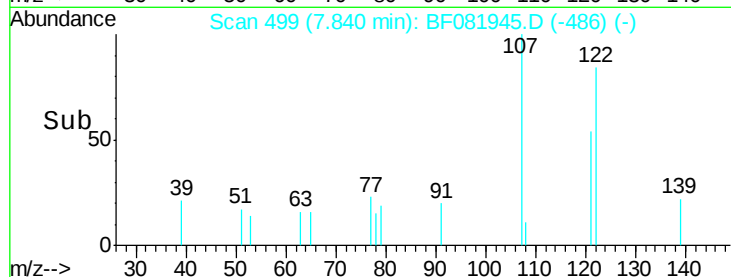
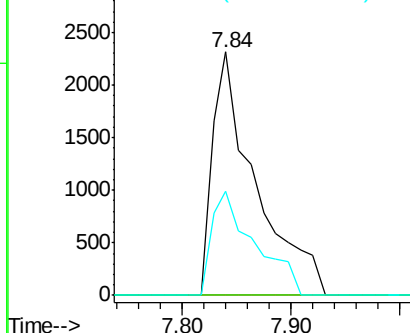
#32
Benzoic acid
Concen: 8.69 ng
RT: 7.84 min Scan# 499
Delta R.T. -0.15 min
Lab File: BF081945.D
Acq: 1 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:122 Resp: 6373
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 42.7 40.5 80.5

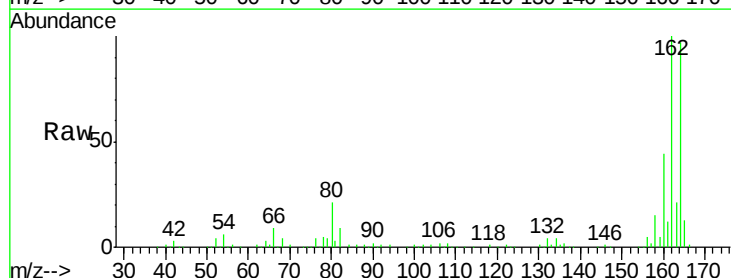


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

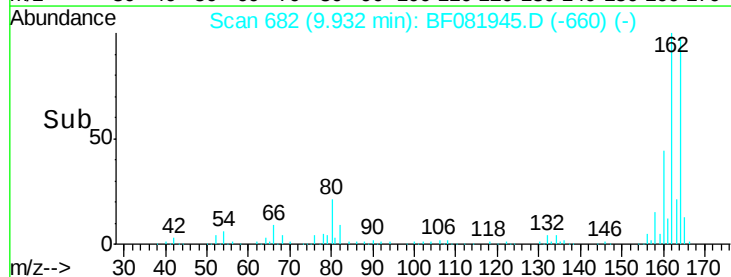
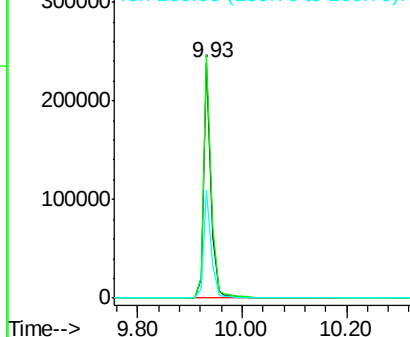


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081945.D
Acq: 1 Oct 2015 18:10

Tgt Ion:164 Resp: 237483
Ion Ratio Lower Upper
164 100
162 103.5 75.2 112.8
160 45.6 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

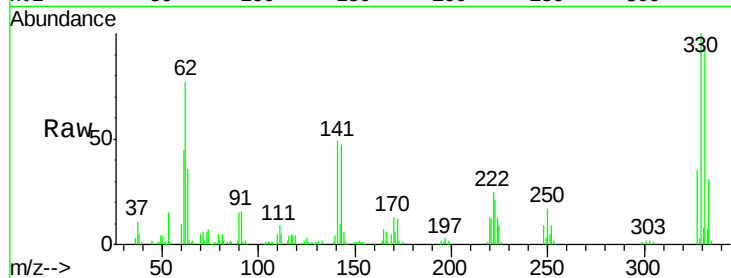




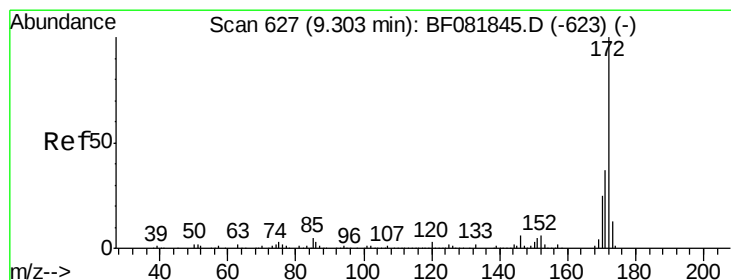
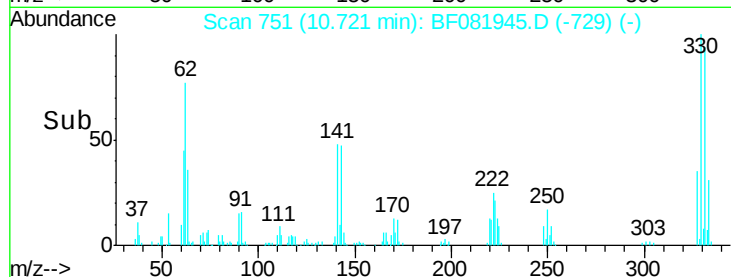
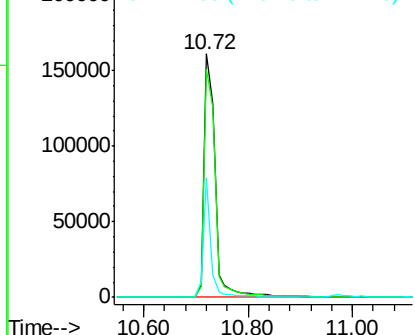
#41
 2,4,6-Tribromophenol
 Concen: 99.55 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081945.D
 Acq: 1 Oct 2015 18:10

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:330 Resp: 239427
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 33.8 29.7 44.5

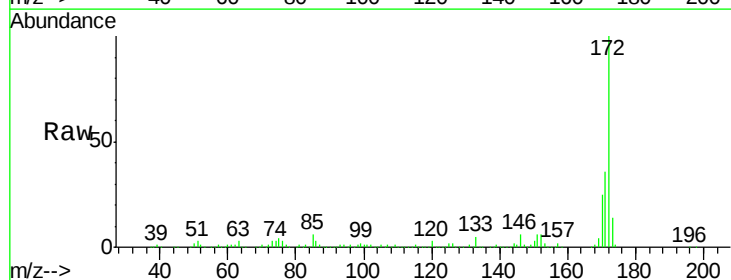


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

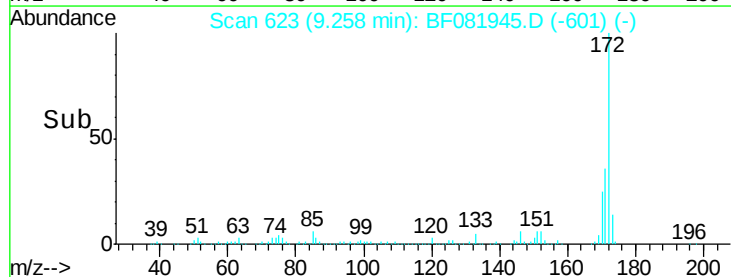
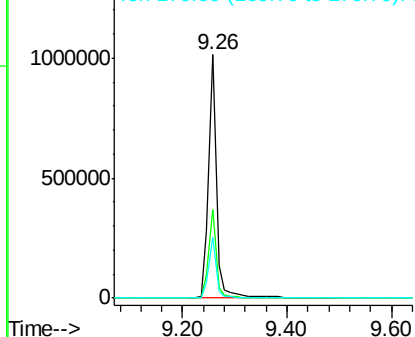


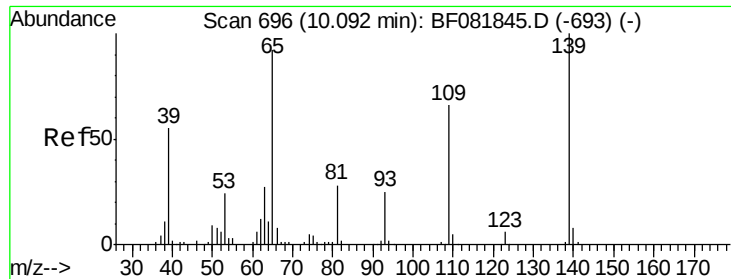
#44
 2-Fluorobiphenyl
 Concen: 74.92 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081945.D
 Acq: 1 Oct 2015 18:10

Tgt Ion:172 Resp: 1088084
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.9 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

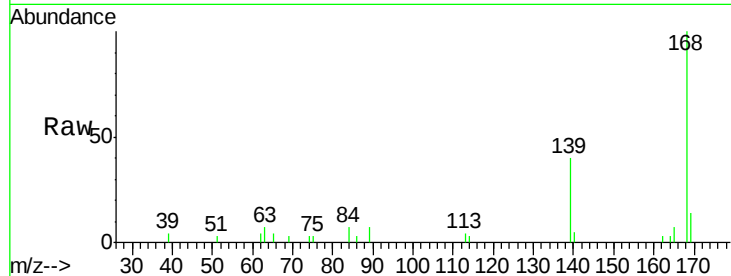




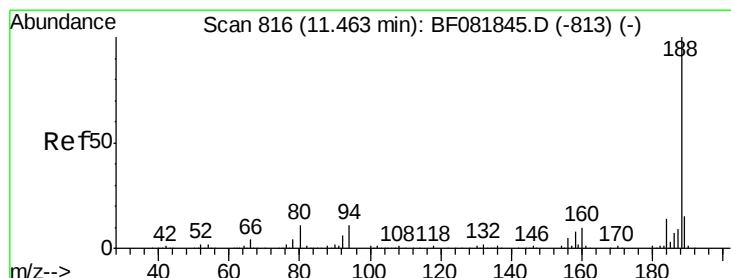
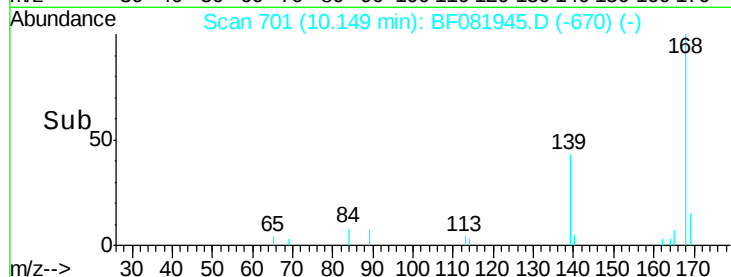
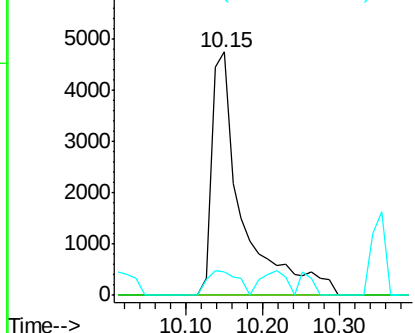
#55
4-Nitrophenol
Concen: 4.35 ng
RT: 10.15 min Scan# 701
Delta R.T. 0.06 min
Lab File: BF081945.D
Acq: 1 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:139 Resp: 12947
Ion Ratio Lower Upper
139 100
109 0.0 12.7 52.7#
65 9.5 45.9 85.9#

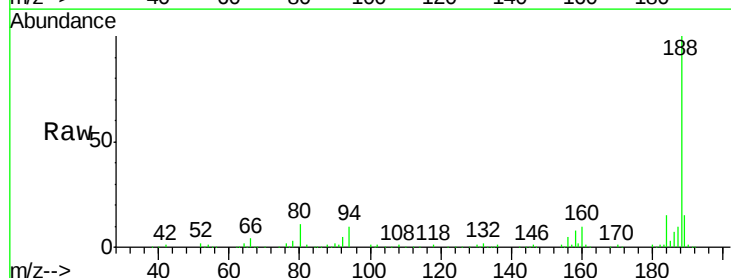


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

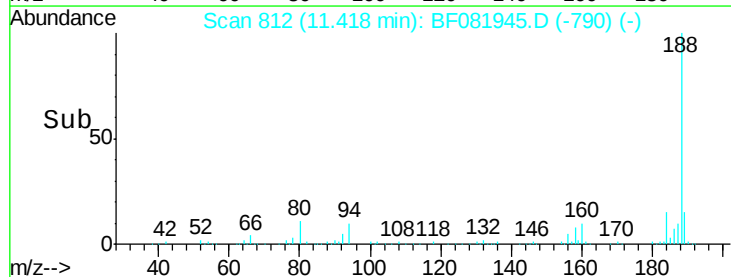
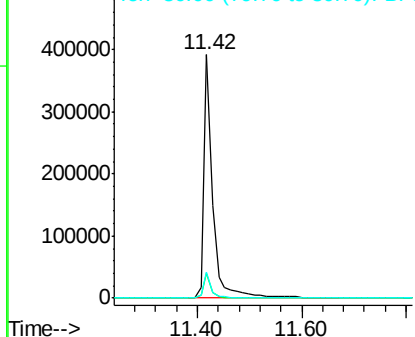


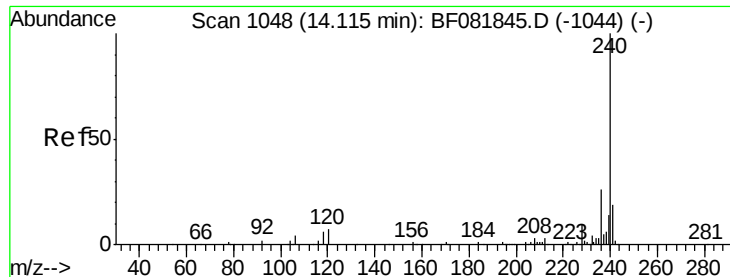
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081945.D
Acq: 1 Oct 2015 18:10

Tgt Ion:188 Resp: 465345
Ion Ratio Lower Upper
188 100
94 10.1 11.1 16.7#
80 10.8 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: BF081945.D

Acq: 1 Oct 2015 18:10

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

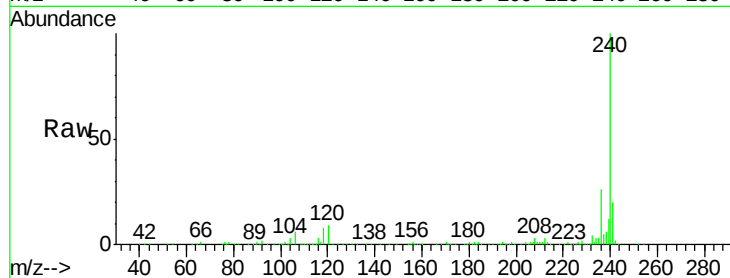
Tgt Ion:240 Resp: 477339

Ion Ratio Lower Upper

240 100

120 8.7 16.2 24.2#

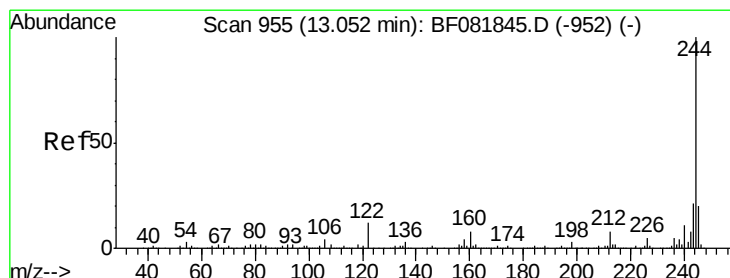
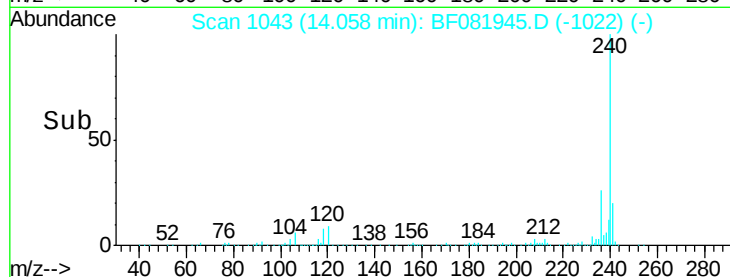
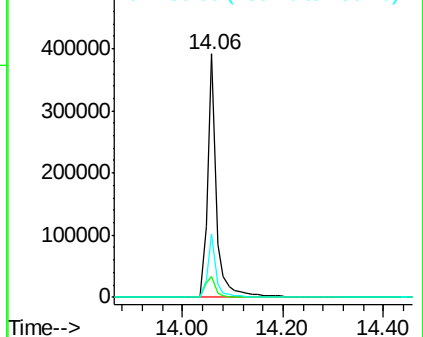
236 26.0 18.4 27.6



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



#78

Terphenyl-d14

Concen: 74.90 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081945.D

Acq: 1 Oct 2015 18:10

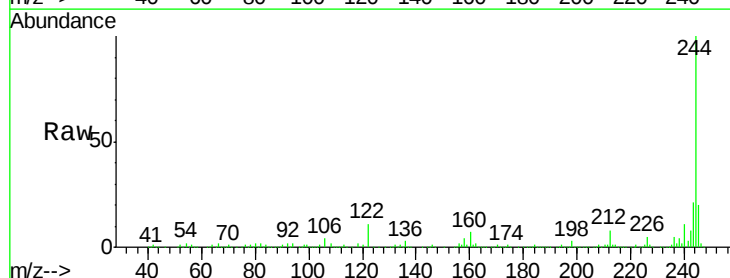
Tgt Ion:244 Resp: 1143939

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

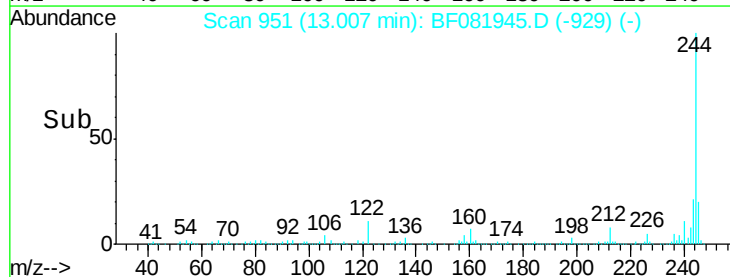
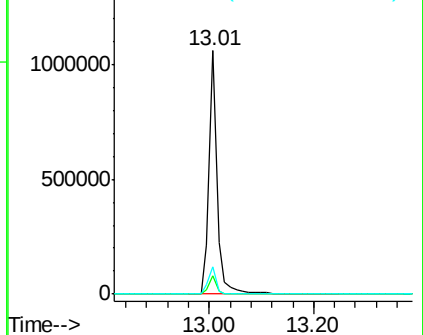
122 11.0 17.4 26.2#

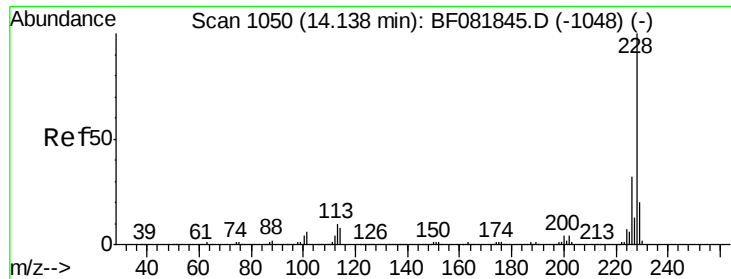


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.05 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.06 min

Lab File: BF081945.D

Acq: 1 Oct 2015 18:10

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

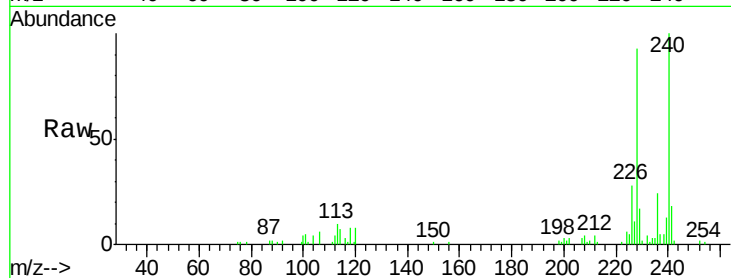
Tgt Ion:228 Resp: 39393

Ion Ratio Lower Upper

228 100

226 29.8 21.0 31.4

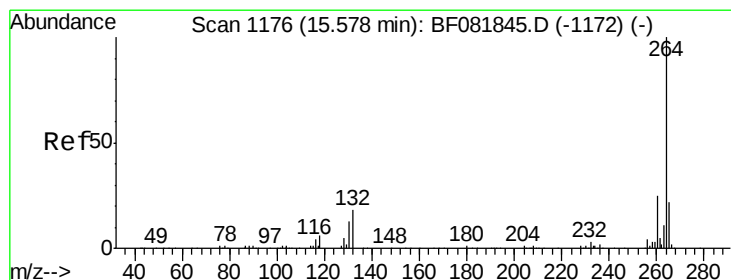
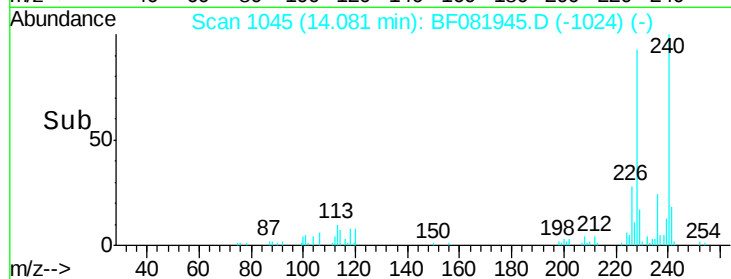
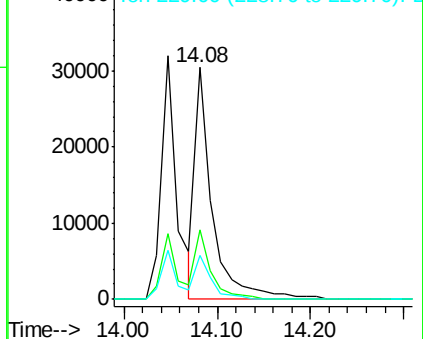
229 18.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1169

Delta R.T. -0.08 min

Lab File: BF081945.D

Acq: 1 Oct 2015 18:10

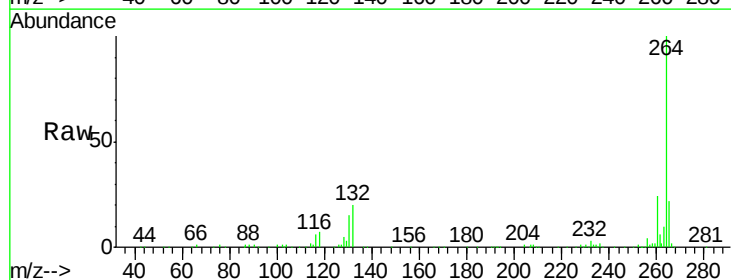
Tgt Ion:264 Resp: 376251

Ion Ratio Lower Upper

264 100

260 23.9 16.7 25.1

265 22.1 17.2 25.8



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

