

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082904.D
 Acq On : 13 Nov 2015 18:30
 Operator : UM/IZ
 Sample : G4406-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURGEWATER

Quant Time: Nov 16 09:36:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

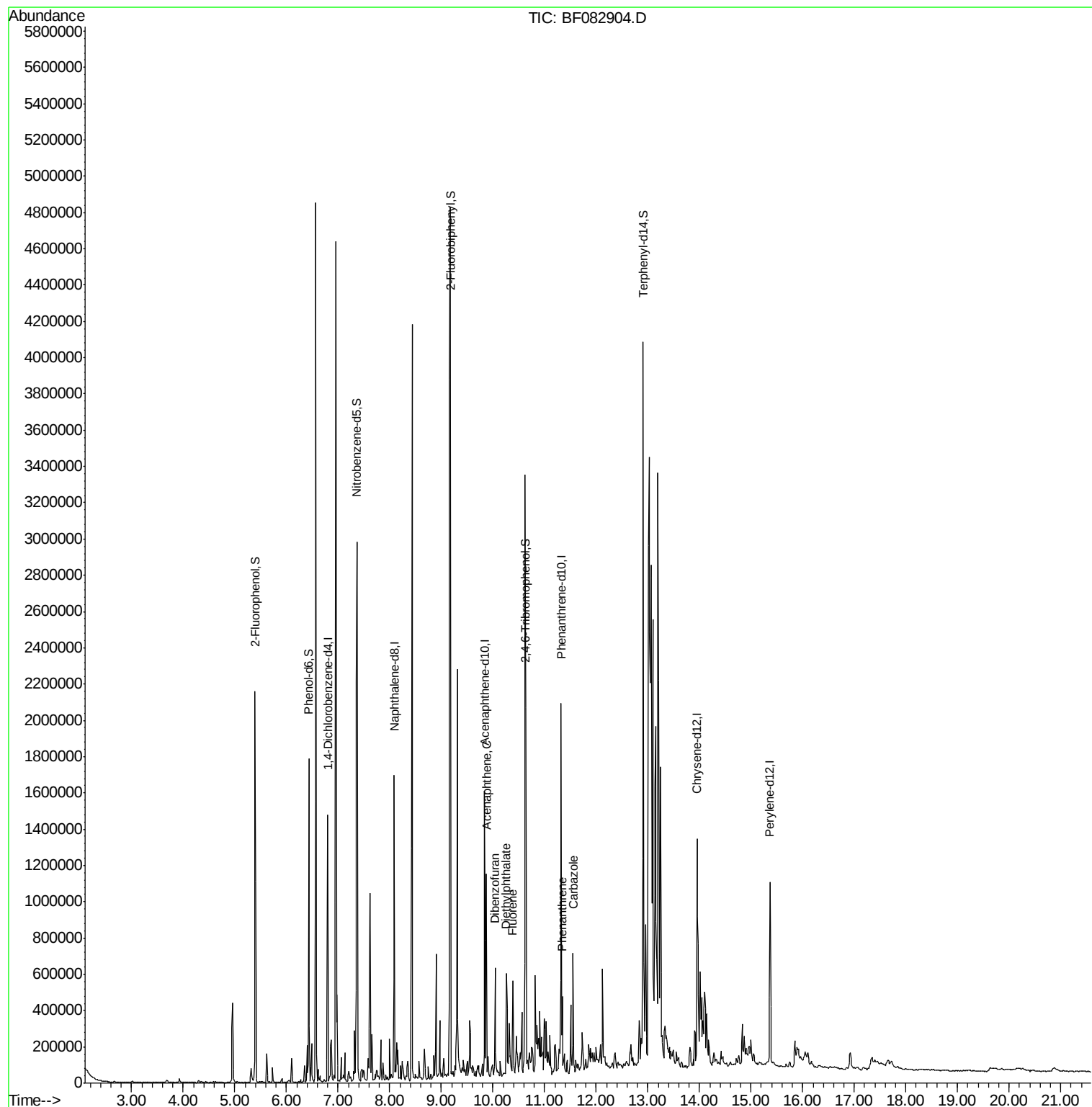
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	193899	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	766904	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	349256	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	692526	20.00	ng	-0.06
75) Chrysene-d12	13.95	240	531347	20.00	ng	-0.07
86) Perylene-d12	15.37	264	451956	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	670042	53.77	ng	-0.06
7) Phenol-d6	6.43	99	542107	32.72	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1355072	76.88	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	493158	123.15	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	2110890	86.62	ng	-0.05
78) Terphenyl-d14	12.91	244	1188085	53.03	ng	-0.06
Target Compounds						Qvalue
51) Acenaphthene	9.87	154	222829	9.60	ng	98
54) Dibenzofuran	10.04	168	189017	6.04	ng	90
57) Fluorene	10.38	166	127736	5.04	ng	97
59) Diethylphthalate	10.26	149	251692	9.01	ng	96
70) Phenanthrene	11.35	178	120441	2.99	ng	95
72) Carbazole	11.55	167	229951	6.20	ng	96

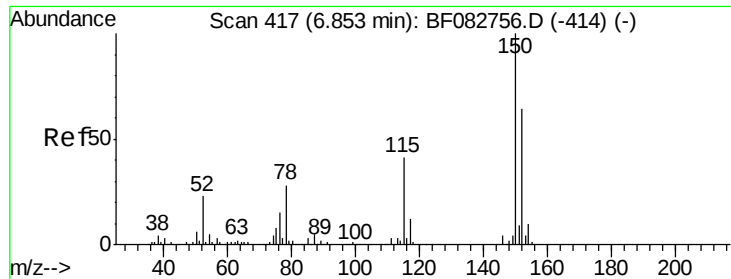
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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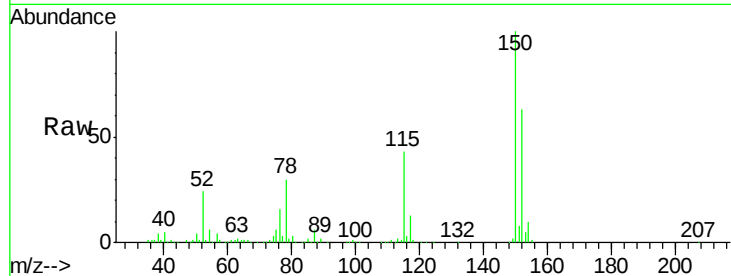


#1

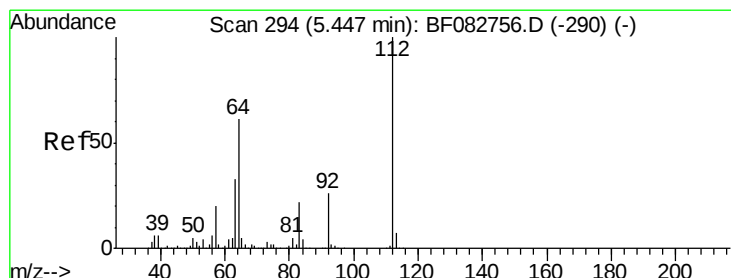
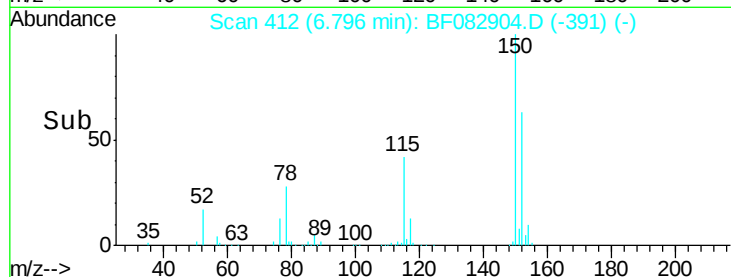
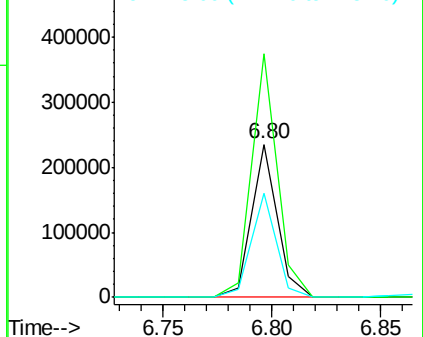
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF082904.D
Acq: 13 Nov 2015 18:30

Instrument :
BNA_F
ClientSampleId :
PURGEWATER

Tgt Ion:152 Resp: 193899
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.4
115 67.6 47.0 70.6



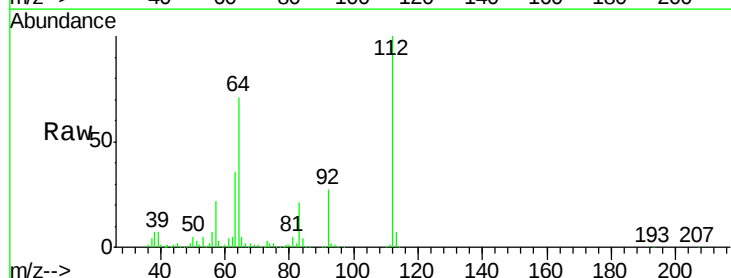
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



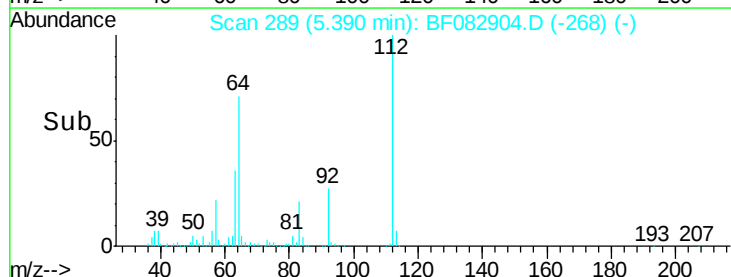
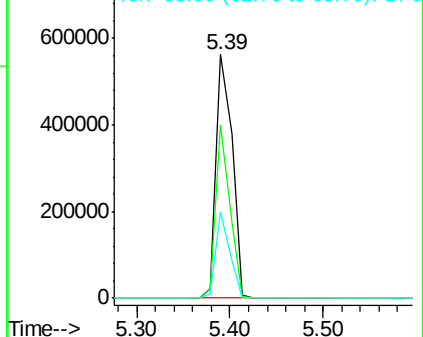
#5

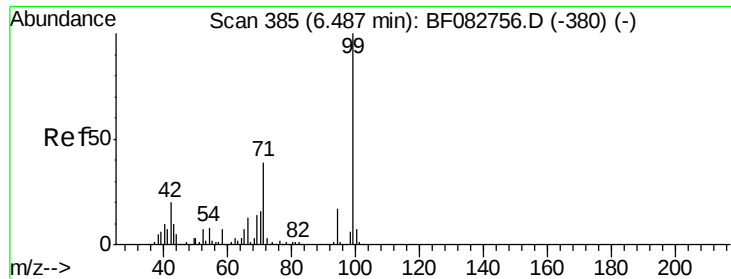
2-Fluorophenol
Concen: 53.77 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF082904.D
Acq: 13 Nov 2015 18:30

Tgt Ion:112 Resp: 670042
Ion Ratio Lower Upper
112 100
64 71.0 48.9 73.3
63 35.6 28.1 42.1



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





#7

Phenol-d6

Concen: 32.72 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

Instrument :

BNA_F

ClientSampleId :

PURGEWATER

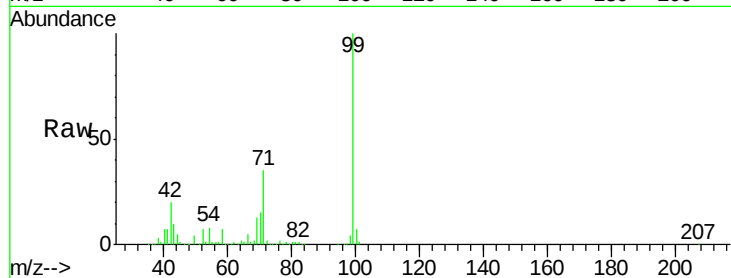
Tgt Ion: 99 Resp: 542107

Ion Ratio Lower Upper

99 100

42 20.2 19.2 28.8

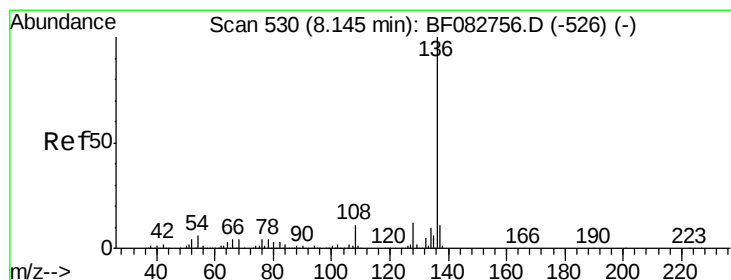
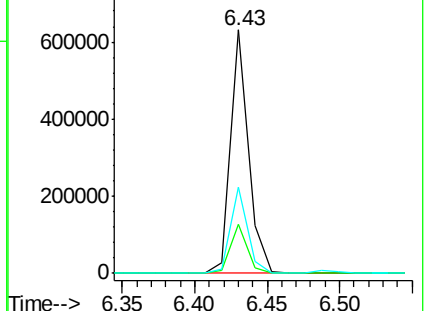
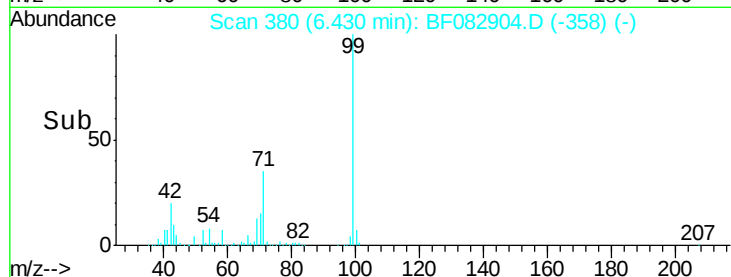
71 35.4 35.0 52.4



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: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

Tgt Ion: 136 Resp: 766904

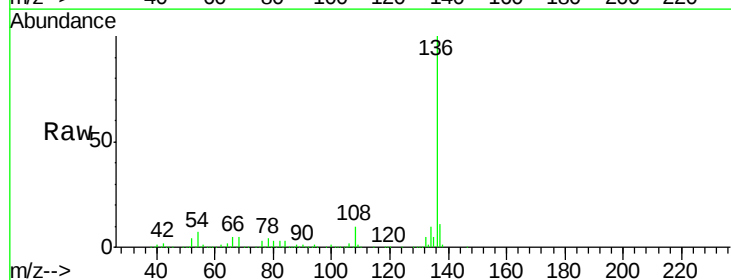
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.2 9.1 13.7#

68 5.2 4.8 7.2

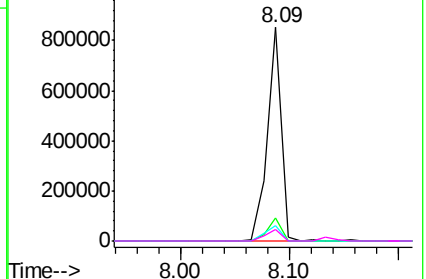
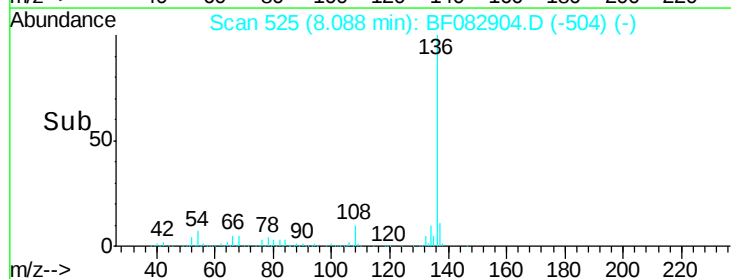


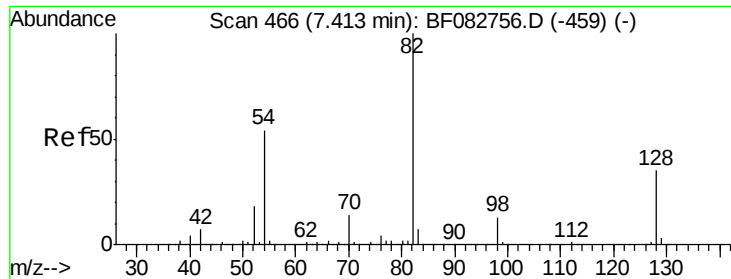
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.88 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.04 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

Instrument :

BNA_F

ClientSampleId :

PURGEWATER

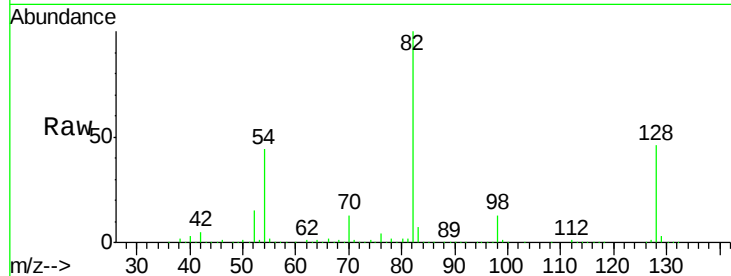
Tgt Ion: 82 Resp: 1355072

Ion Ratio Lower Upper

82 100

128 45.6 26.8 40.2#

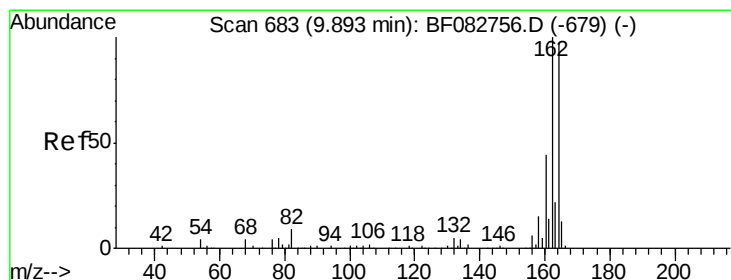
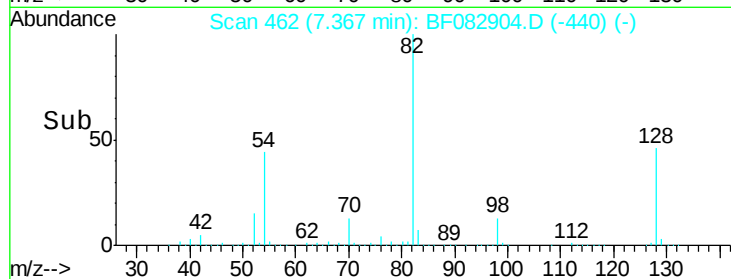
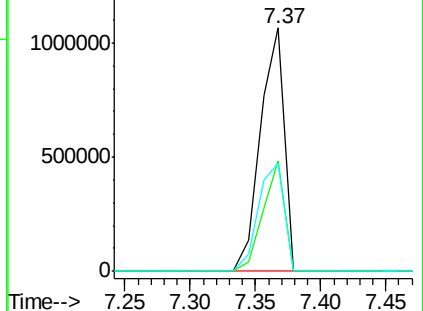
54 44.1 45.7 68.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

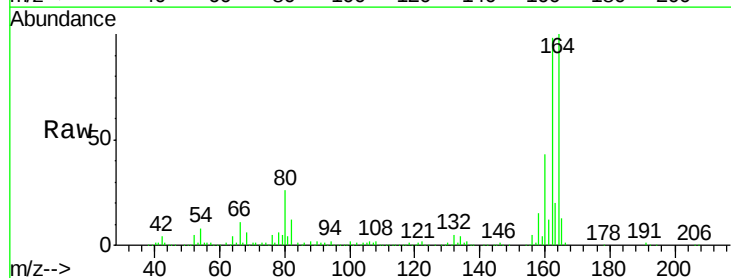
Tgt Ion: 164 Resp: 349256

Ion Ratio Lower Upper

164 100

162 98.1 84.9 127.3

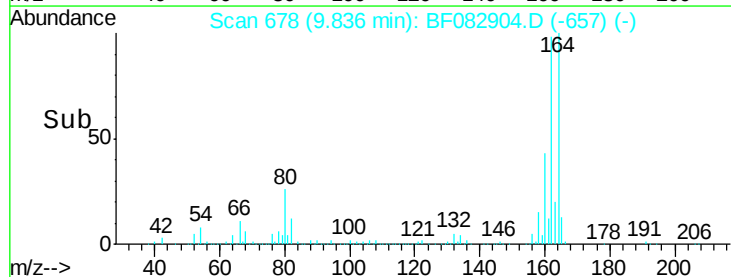
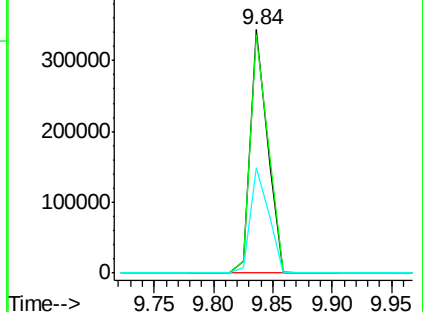
160 43.5 37.5 56.3

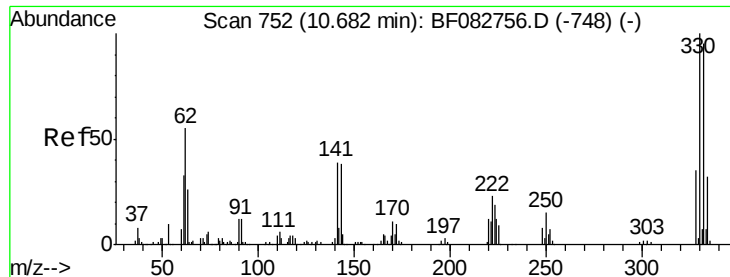


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

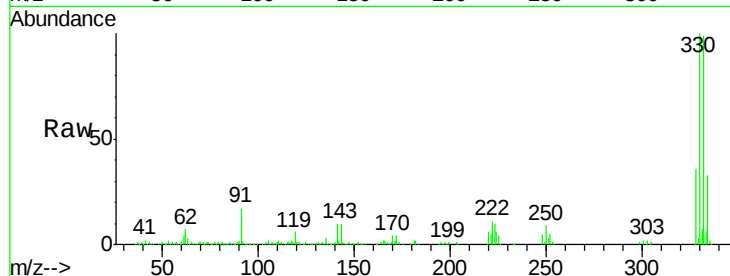




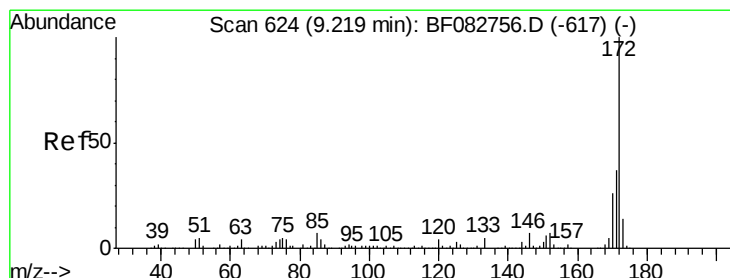
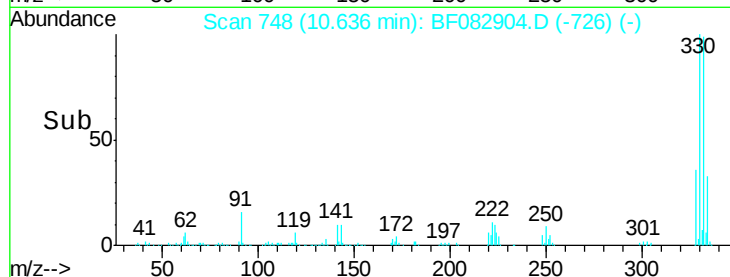
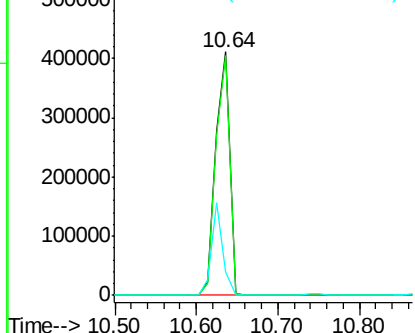
#41
 2,4,6-Tribromophenol
 Concen: 123.15 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082904.D
 Acq: 13 Nov 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PURGEWATER

Tgt Ion:330 Resp: 493158
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 31.7 41.2 61.8#

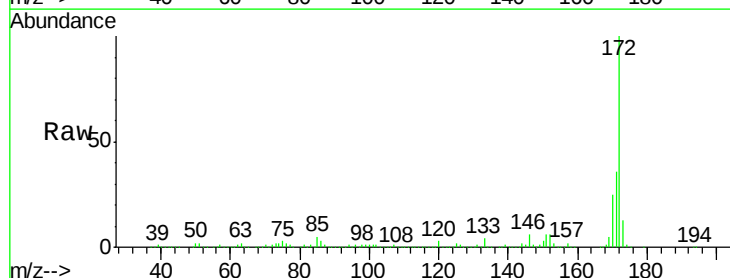


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

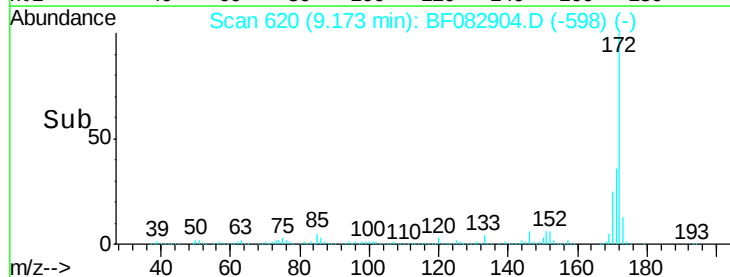
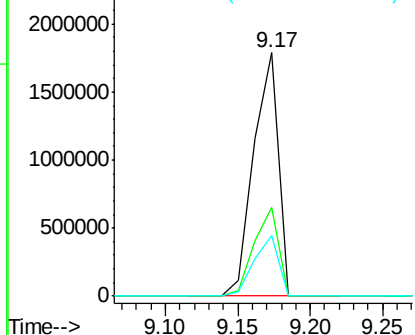


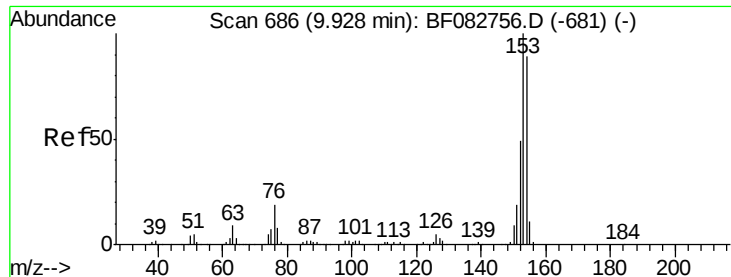
#44
 2-Fluorobiphenyl
 Concen: 86.62 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082904.D
 Acq: 13 Nov 2015 18:30

Tgt Ion:172 Resp: 2110890
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.7 21.2 31.8



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





#51

Acenaphthene

Concen: 9.60 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.06 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

Instrument :

BNA_F

ClientSampleId :

PURGEWATER

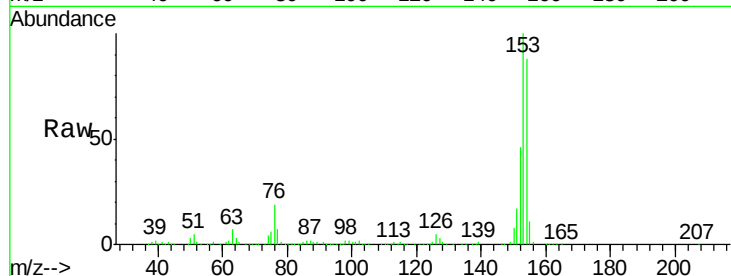
Tgt Ion:154 Resp: 222829

Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

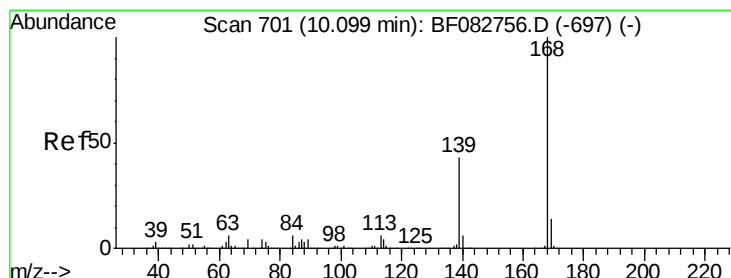
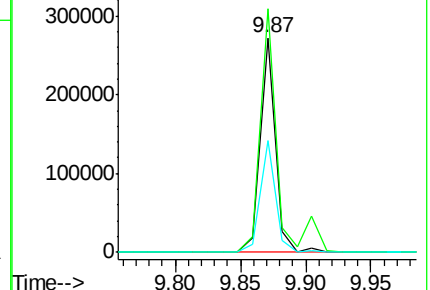
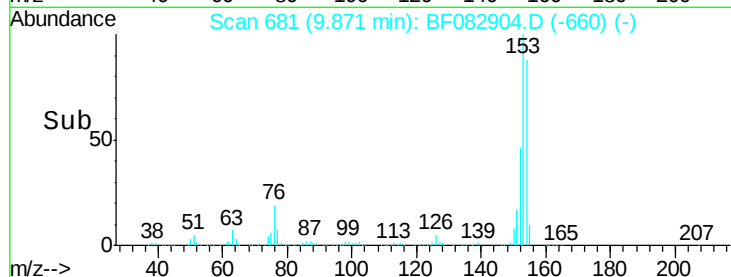
152 52.0 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 6.04 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.06 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

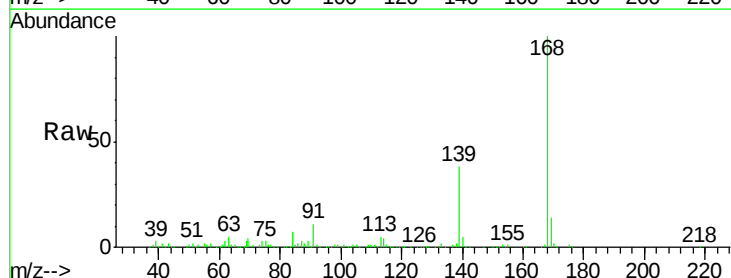
Tgt Ion:168 Resp: 189017

Ion Ratio Lower Upper

168 100

139 38.2 37.8 56.6

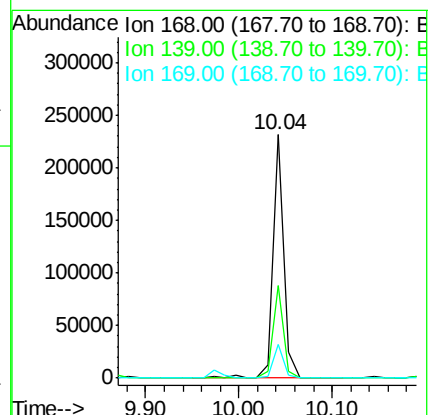
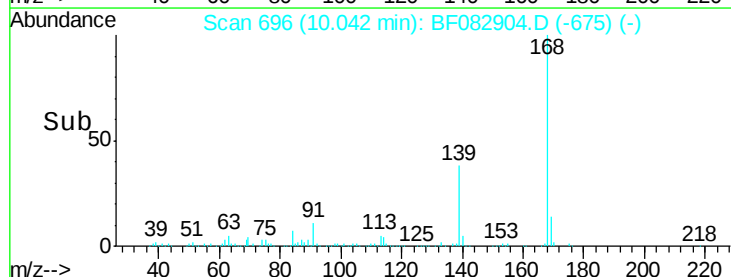
169 13.9 11.3 16.9

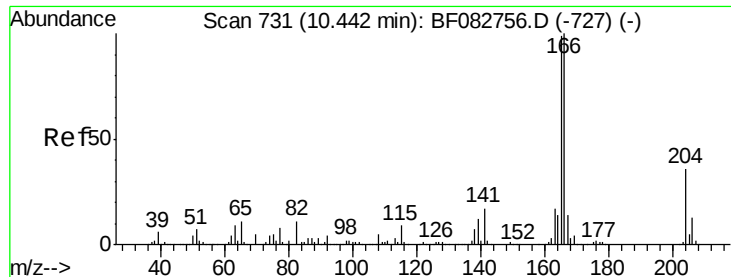


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 5.04 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.06 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

Instrument :

BNA_F

ClientSampleId :

PURGEWATER

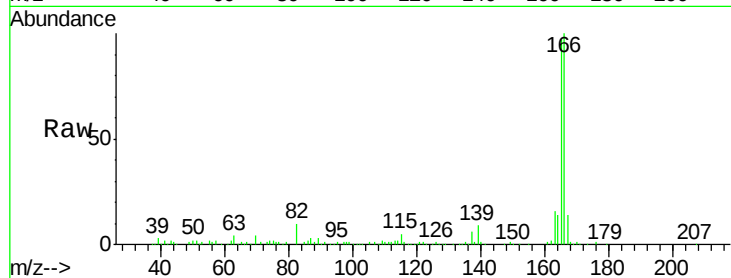
Tgt Ion:166 Resp: 127736

Ion Ratio Lower Upper

166 100

165 96.9 80.2 120.4

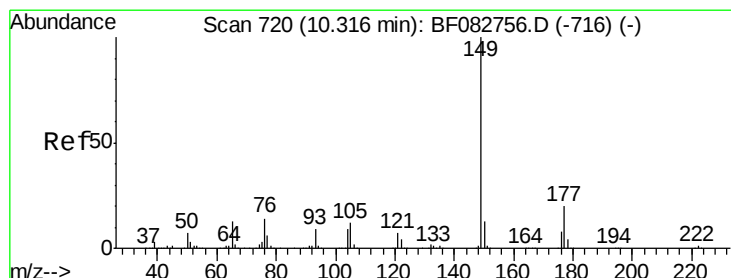
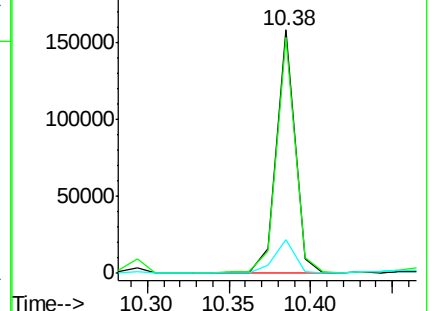
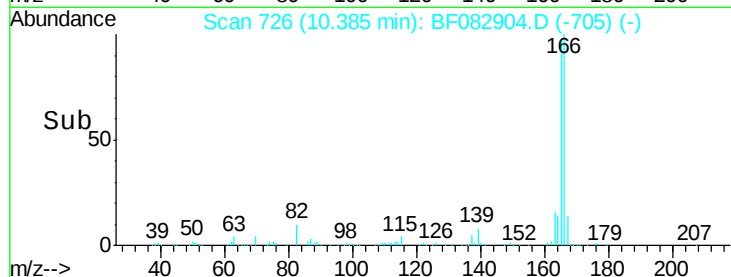
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 9.01 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.06 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

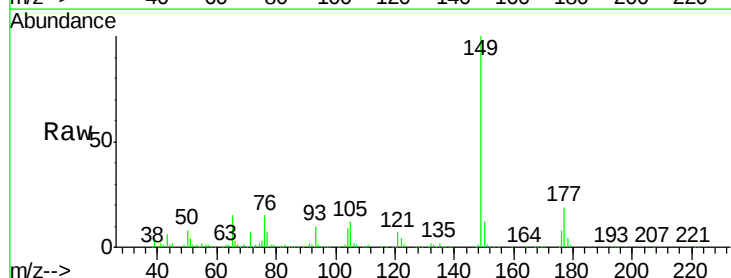
Tgt Ion:149 Resp: 251692

Ion Ratio Lower Upper

149 100

177 19.2 17.9 26.9

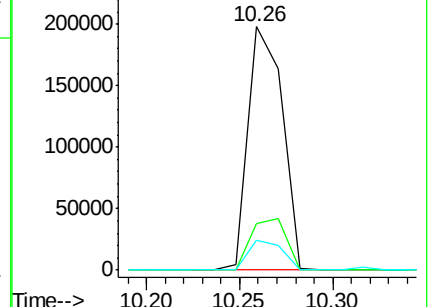
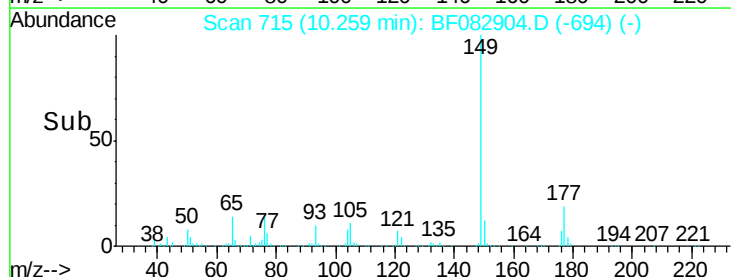
150 12.5 10.1 15.1

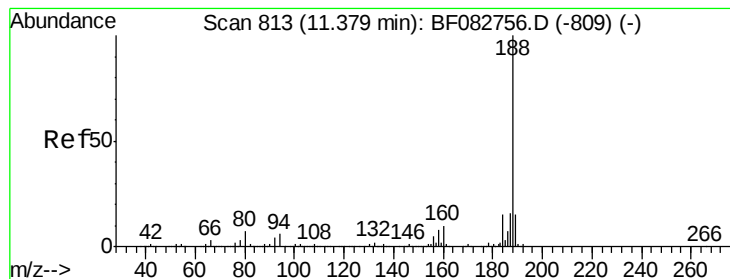


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.06 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

Instrument :

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PURGEWATER

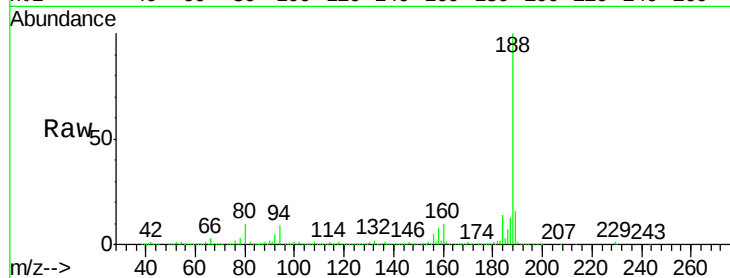
Tgt Ion:188 Resp: 692526

Ion Ratio Lower Upper

188 100

94 8.9 6.1 9.1

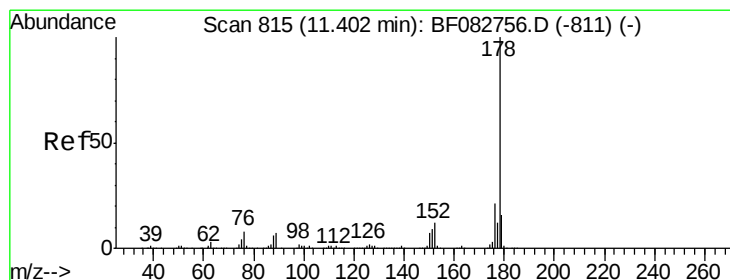
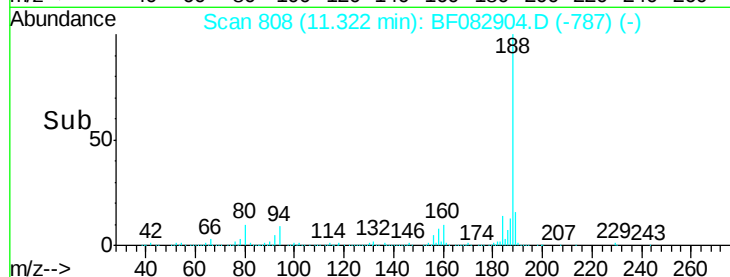
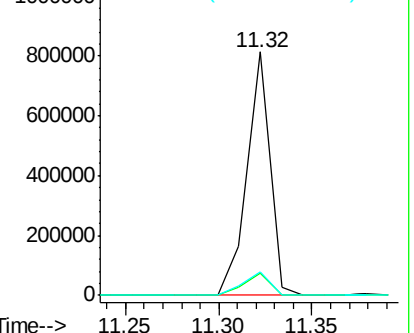
80 9.8 7.0 10.6



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



#70

Phenanthrene

Concen: 2.99 ng

RT: 11.35 min Scan# 810

Delta R.T. -0.06 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

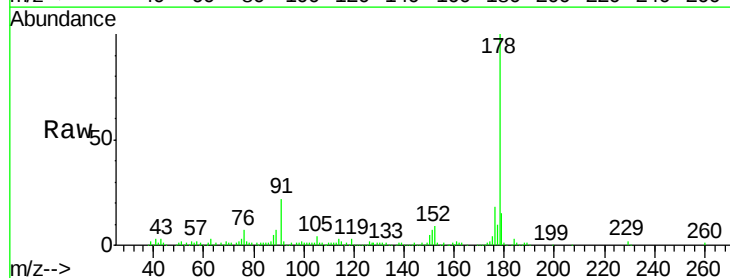
Tgt Ion:178 Resp: 120441

Ion Ratio Lower Upper

178 100

176 18.4 17.0 25.4

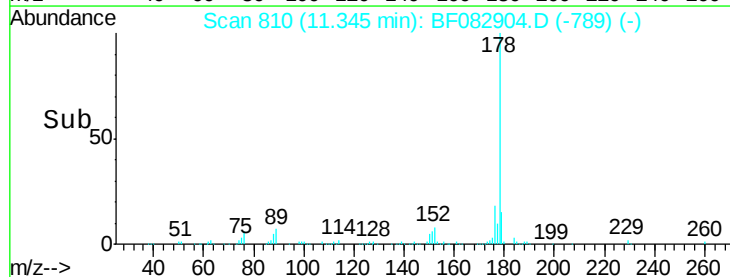
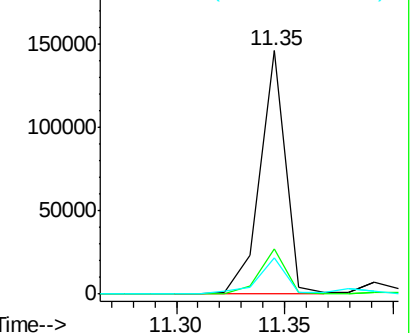
179 14.7 13.4 20.0

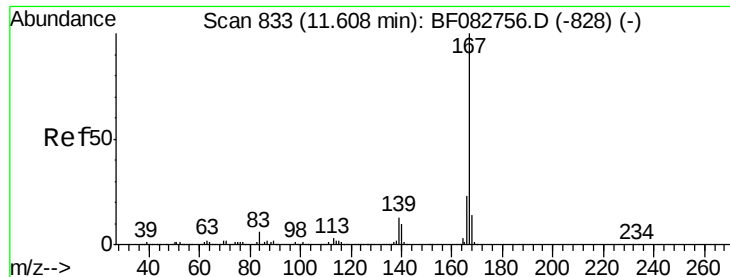


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.20 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.06 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

Instrument :

BNA_F

ClientSampleId :

PURGEWATER

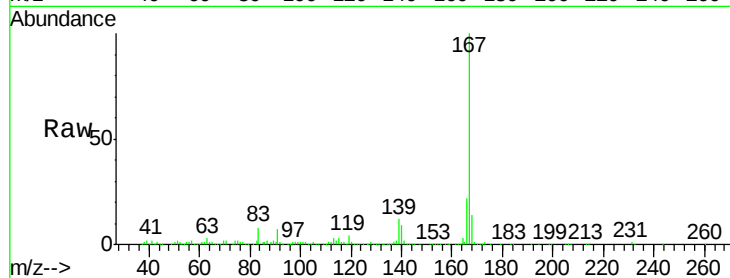
Tgt Ion:167 Resp: 229951

Ion Ratio Lower Upper

167 100

166 21.6 18.7 28.1

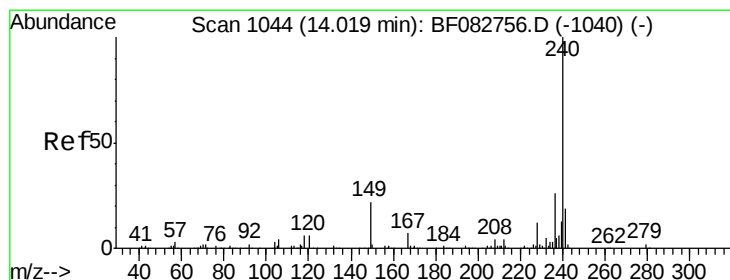
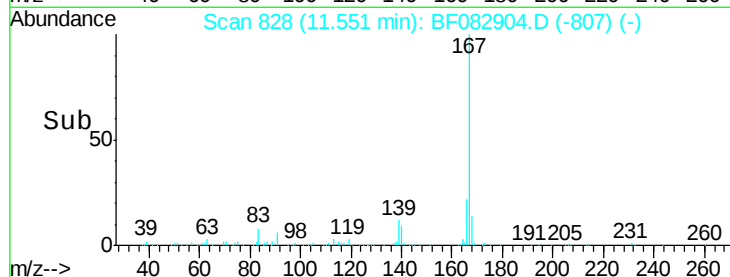
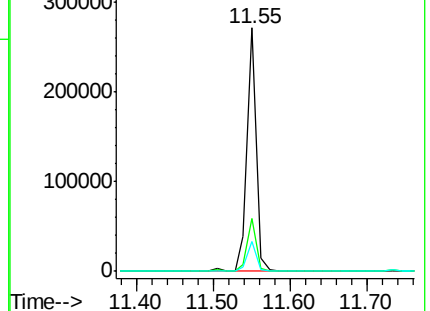
139 12.3 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.07 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

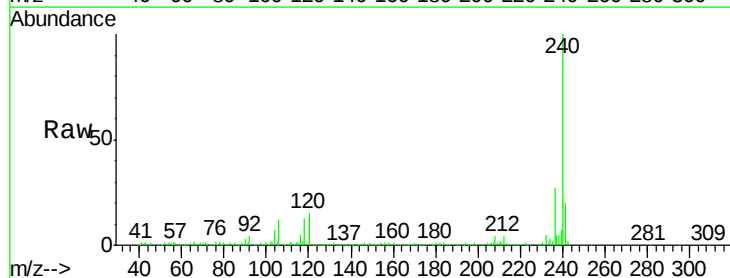
Tgt Ion:240 Resp: 531347

Ion Ratio Lower Upper

240 100

120 14.6 10.9 16.3

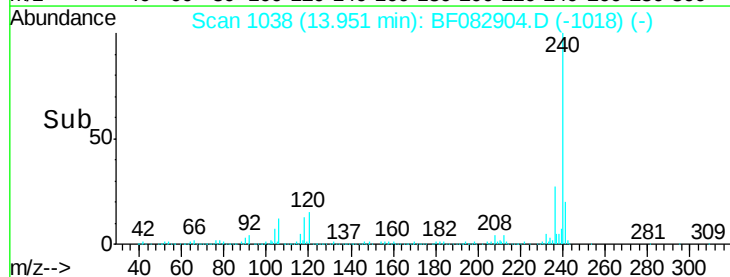
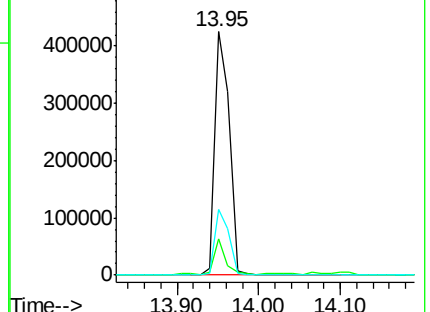
236 26.7 21.6 32.4

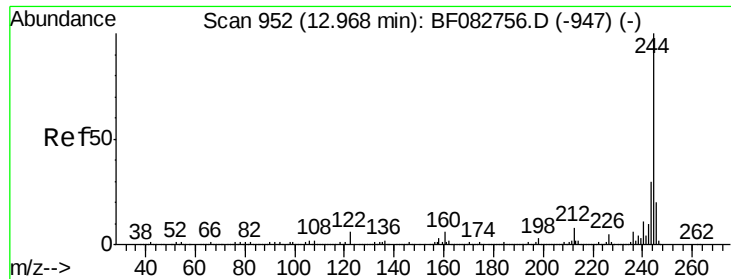


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.03 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

Instrument :

BNA_F

ClientSampleId :

PURGEWATER

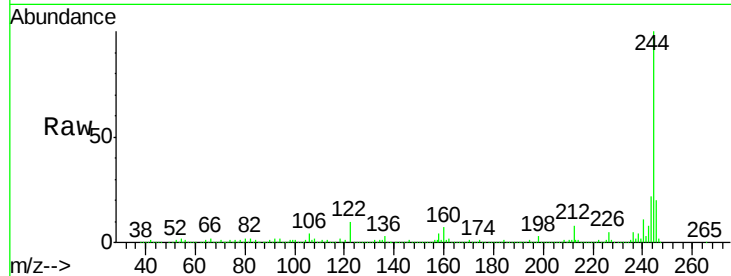
Tgt Ion:244 Resp: 1188085

Ion Ratio Lower Upper

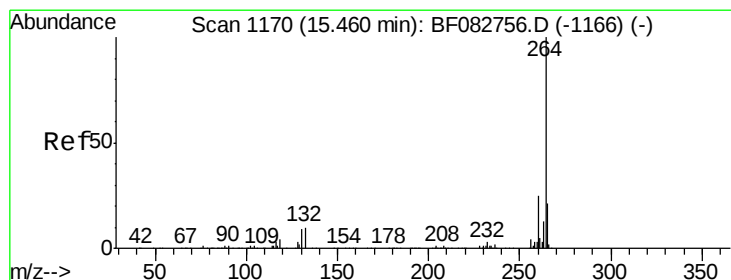
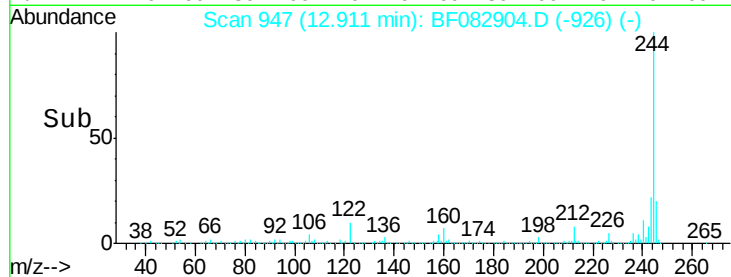
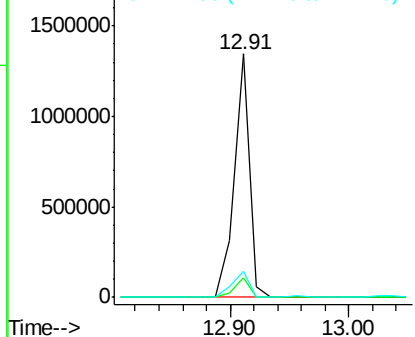
244 100

212 7.9 7.6 11.4

122 10.5 11.3 16.9#



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: 15.37 min Scan# 1162

Delta R.T. -0.09 min

Lab File: BF082904.D

Acq: 13 Nov 2015 18:30

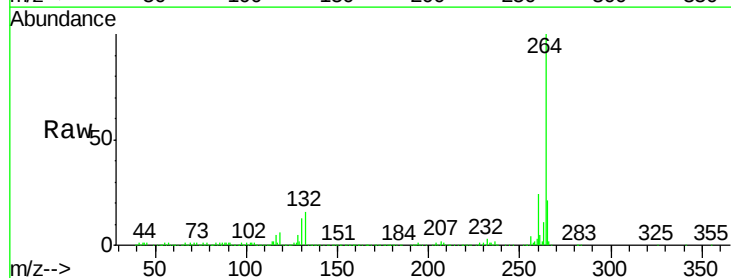
Tgt Ion:264 Resp: 451956

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 21.4 17.4 26.0



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

