

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084202.D
 Acq On : 31 Dec 2015 18:40
 Operator : UM/SJ
 Sample : G4825-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jan 02 03:58:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	302297	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1222251	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	573257	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1099540	20.00	ng	0.00
75) Chrysene-d12	14.05	240	793713	20.00	ng	-0.01
86) Perylene-d12	15.49	264	582581	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1785544	95.54	ng	0.01
7) Phenol-d6	6.52	99	2214098	94.33	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1384749	63.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	543432	93.90	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2367154	71.65	ng	0.00
78) Terphenyl-d14	13.01	244	2282361	64.19	ng	0.00

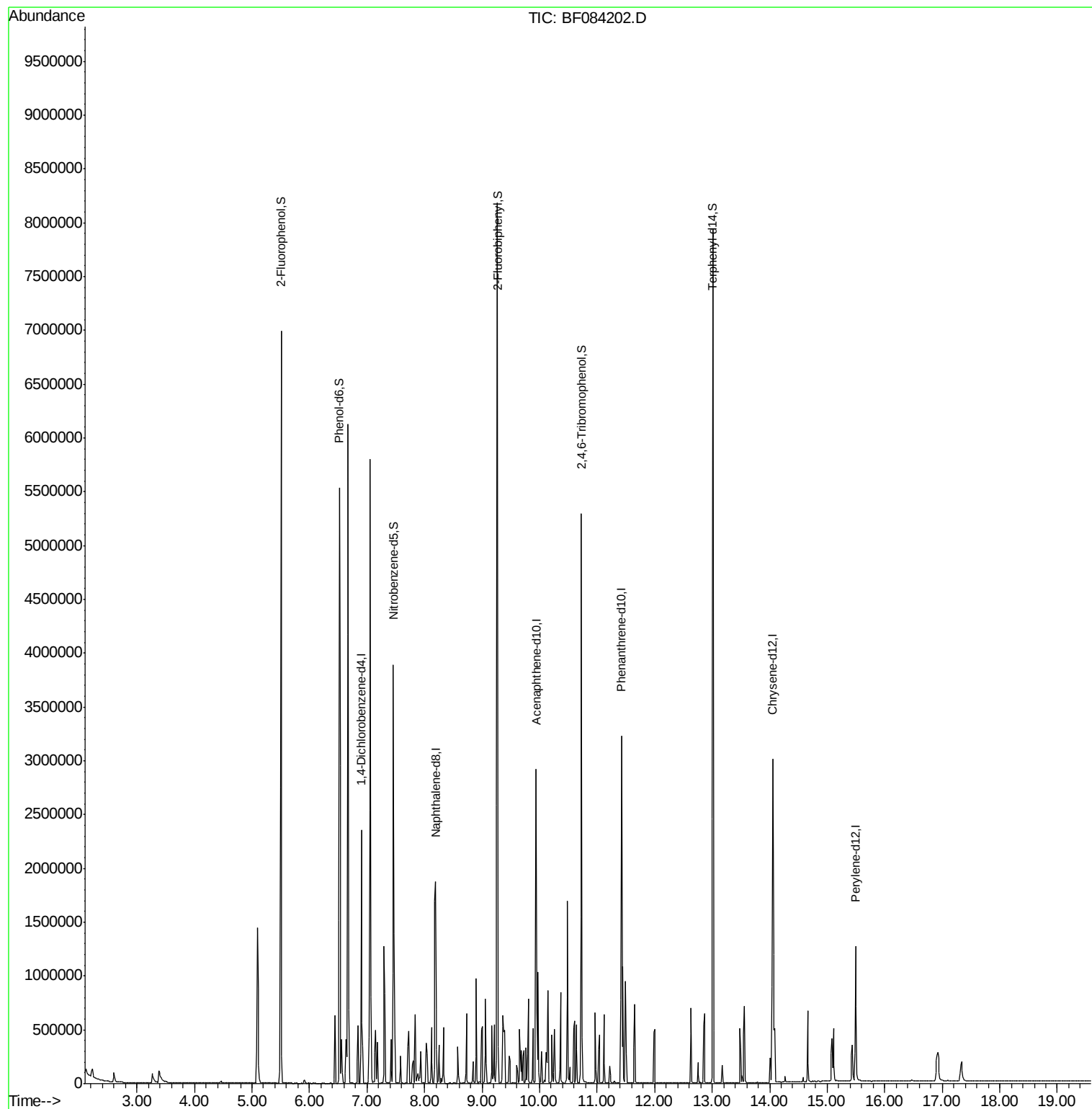
Target Compounds Qvalue

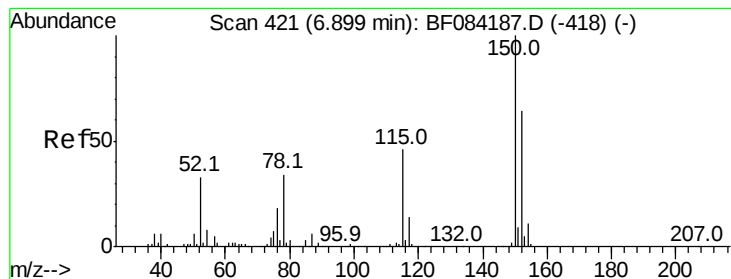
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084202.D
Acq On : 31 Dec 2015 18:40
Operator : UM/SJ
Sample : G4825-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Quant Time: Jan 02 03:58:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

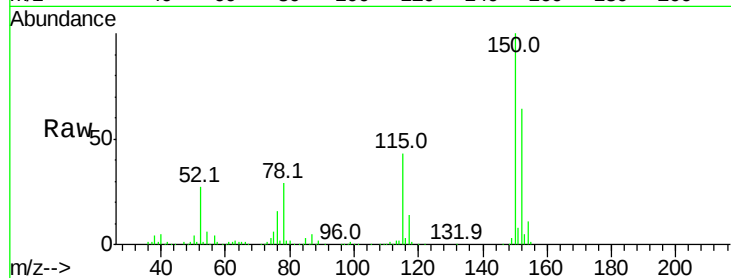




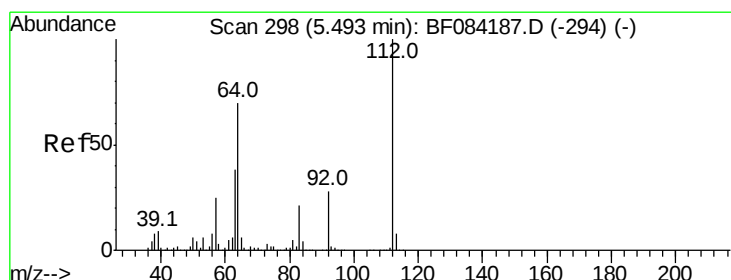
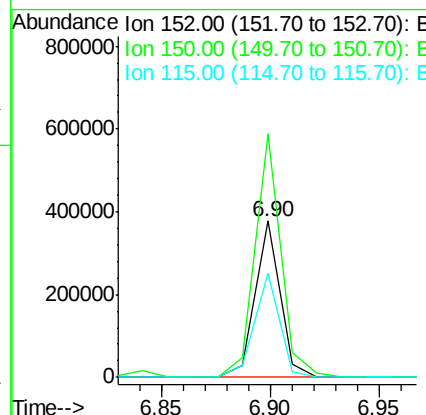
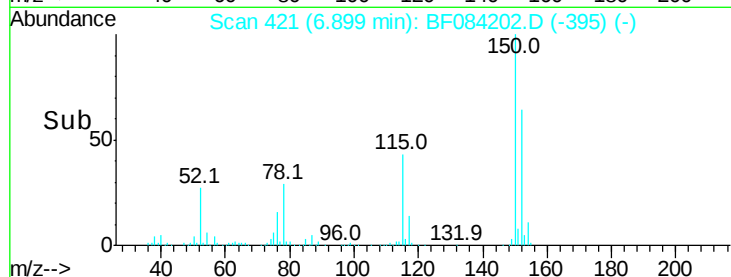
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF084202.D
 Acq: 31 Dec 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:152 Resp: 302297
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.0 184.4
 115 66.4 51.4 77.2

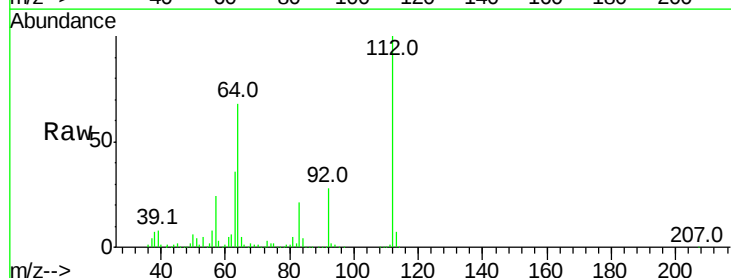


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

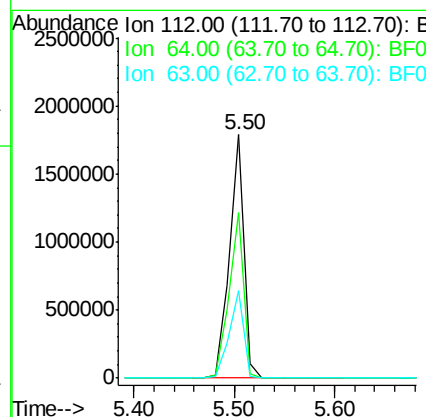
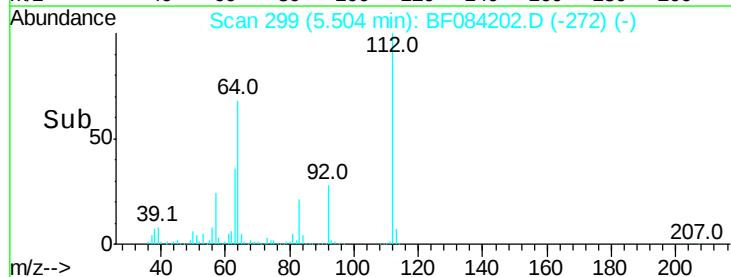


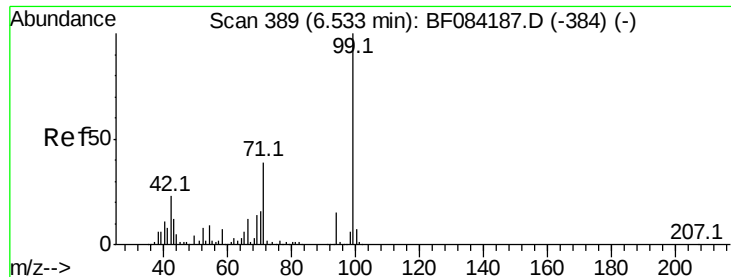
#5
 2-Fluorophenol
 Concen: 95.54 ng
 RT: 5.50 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: BF084202.D
 Acq: 31 Dec 2015 18:40

Tgt Ion:112 Resp: 1785544
 Ion Ratio Lower Upper
 112 100
 64 67.8 36.6 55.0#
 63 36.1 19.4 29.0#



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: 94.33 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084202.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

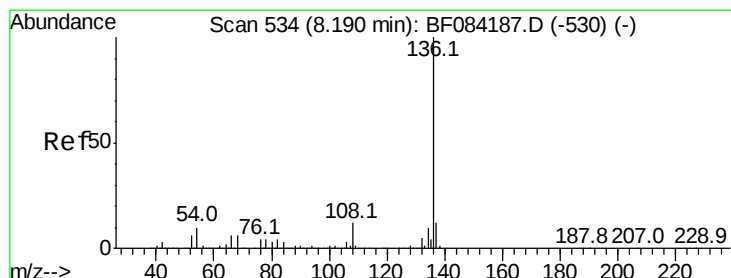
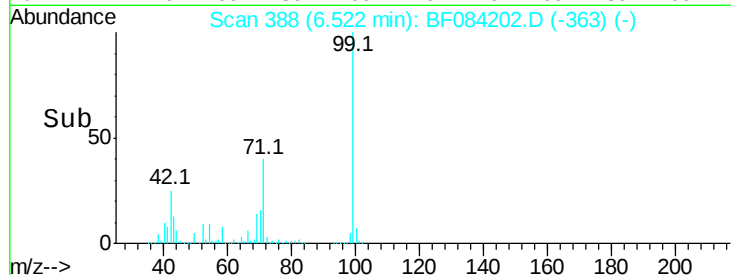
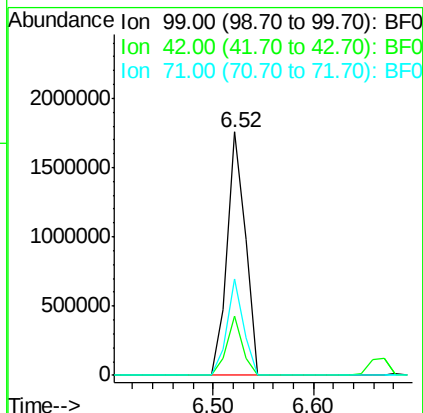
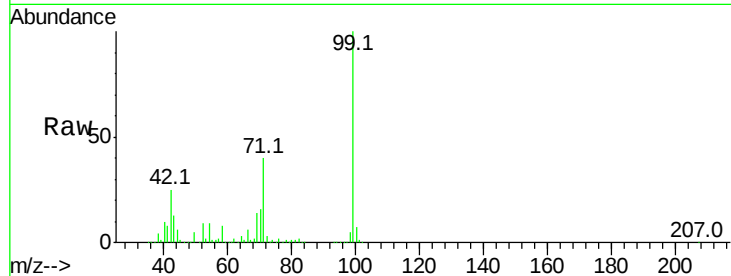
Tot Ion: 99 Resp: 2214098

Ion Ratio Lower Upper

99 100

42 24.6 12.8 19.2#

71 39.6 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084202.D

Acq: 31 Dec 2015 18:40

Tgt Ion: 136 Resp: 1222251

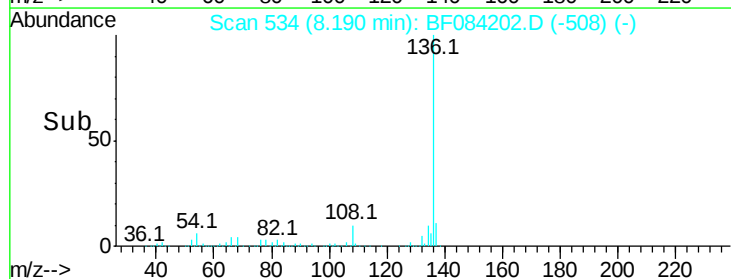
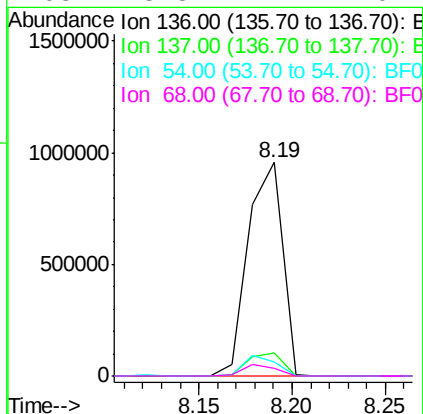
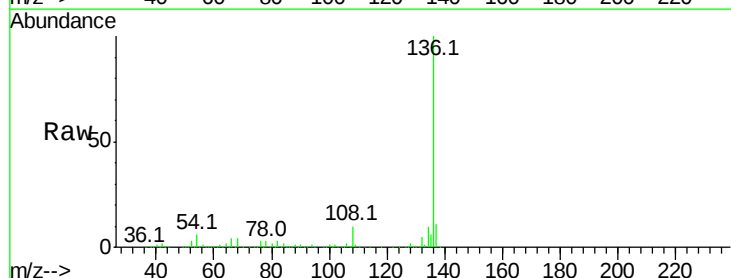
Ion Ratio Lower Upper

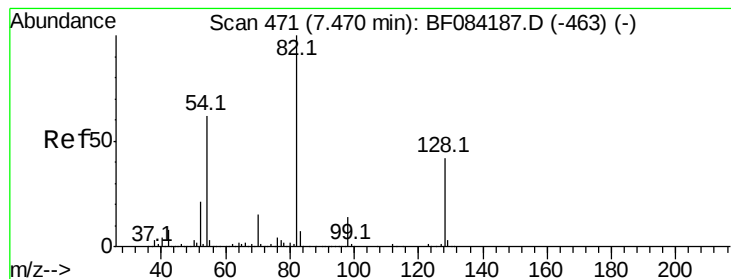
136 100

137 10.7 8.7 13.1

54 6.4 5.8 8.8

68 3.8 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 63.05 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084202.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

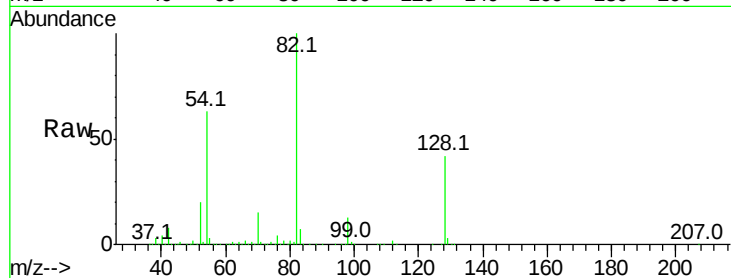
Tot Ion: 82 Resp: 1384749

Ion Ratio Lower Upper

82 100

128 41.6 34.6 51.8

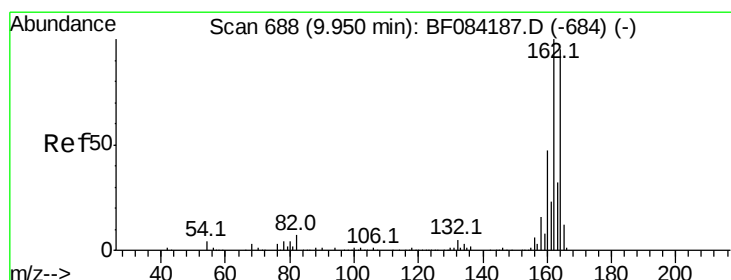
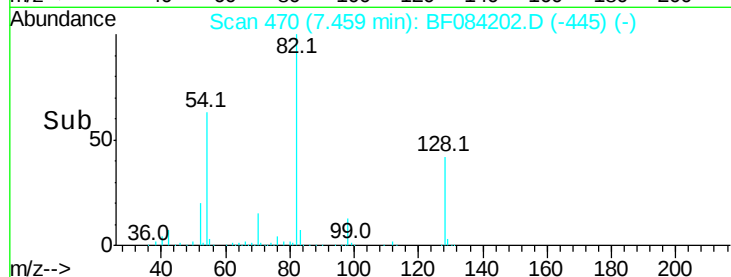
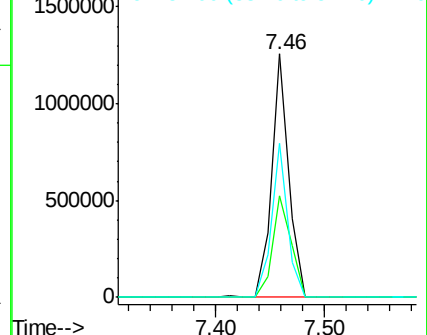
54 63.3 38.4 57.6#



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: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084202.D

Acq: 31 Dec 2015 18:40

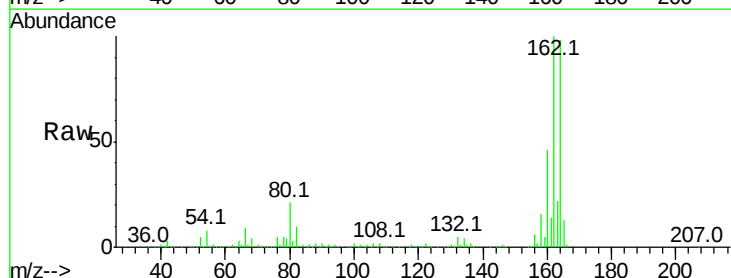
Tgt Ion:164 Resp: 573257

Ion Ratio Lower Upper

164 100

162 102.0 85.1 127.7

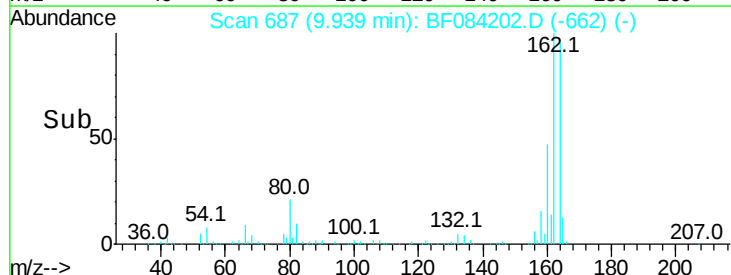
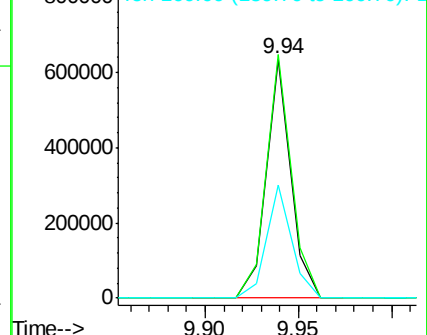
160 47.4 37.5 56.3

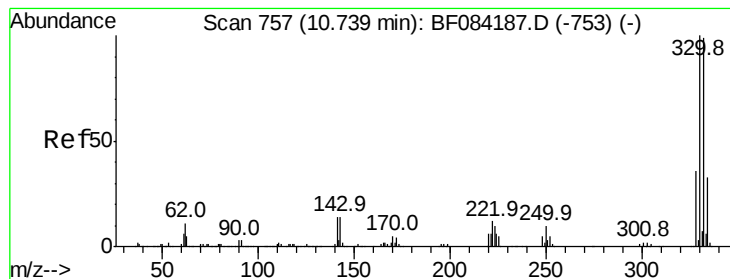


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 93.90 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084202.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

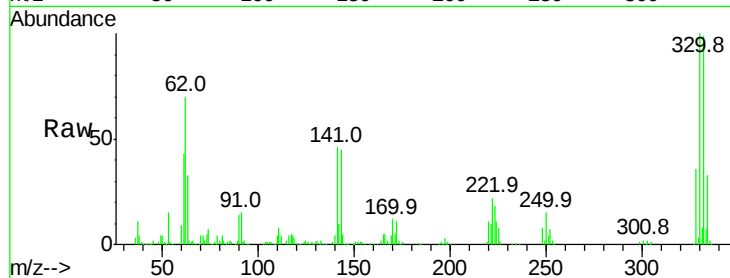
Tot Ion:330 Resp: 543432

Ion Ratio Lower Upper

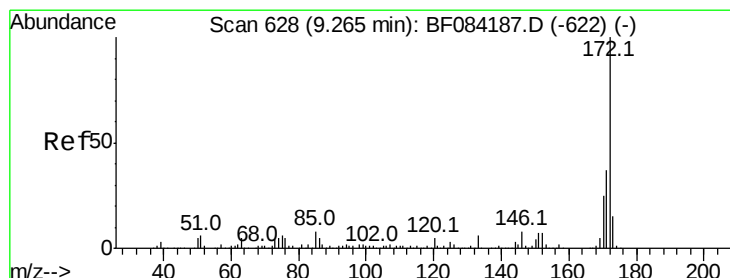
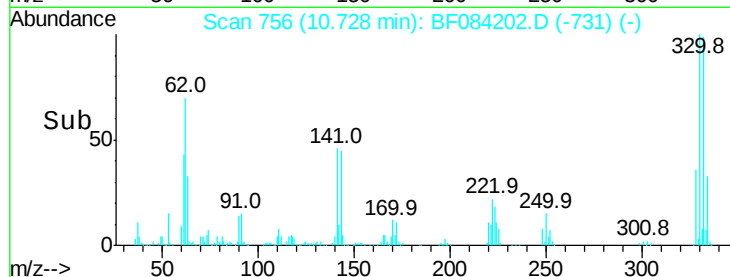
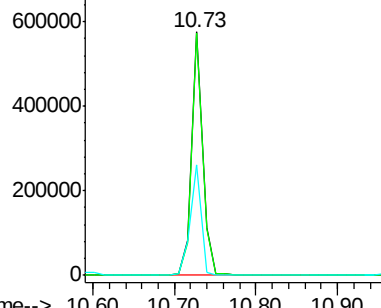
330 100

332 98.8 76.6 114.8

141 45.3 27.8 41.6#



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: 71.65 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084202.D

Acq: 31 Dec 2015 18:40

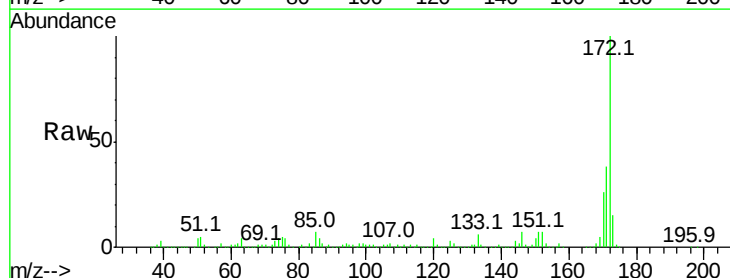
Tgt Ion:172 Resp: 2367154

Ion Ratio Lower Upper

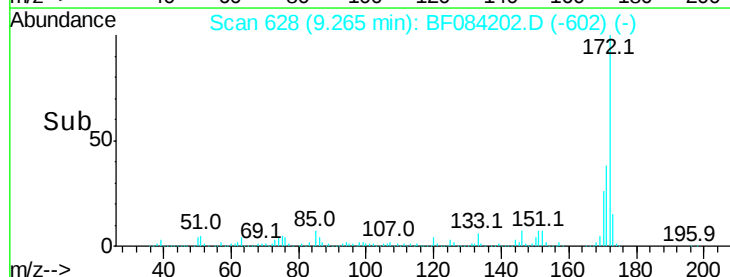
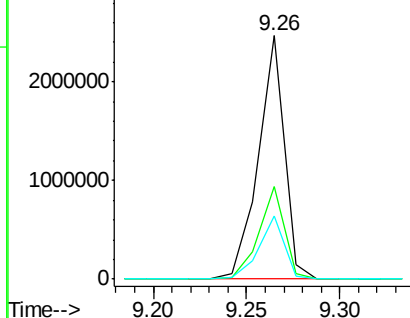
172 100

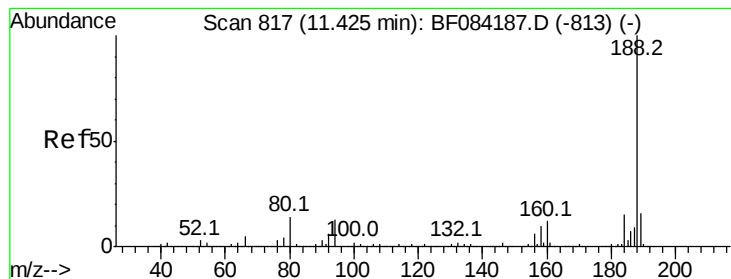
171 37.9 28.9 43.3

170 26.1 18.6 27.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084202.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

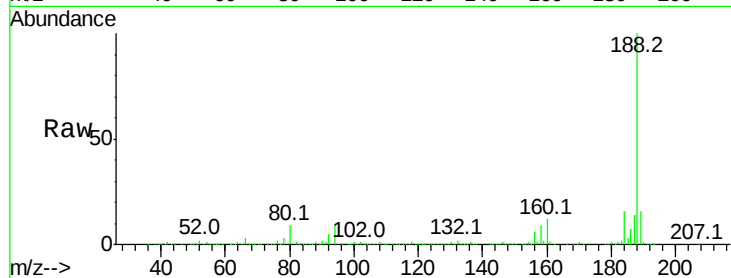
Tot Ion:188 Resp: 1099540

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4#

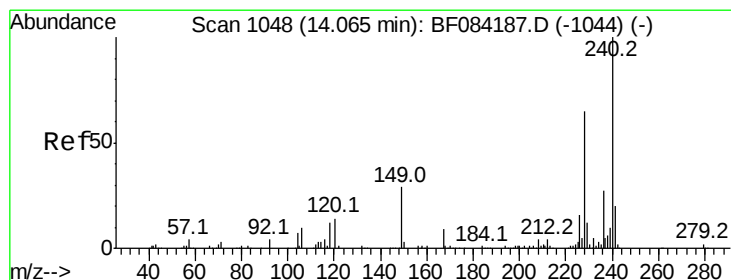
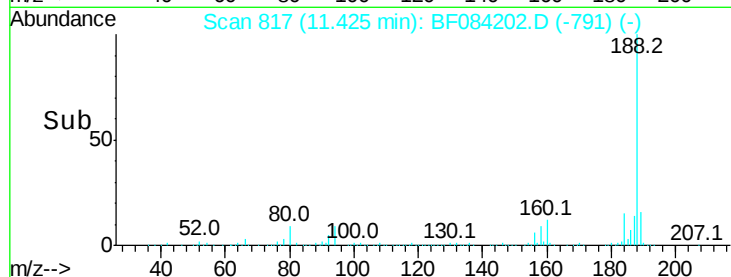
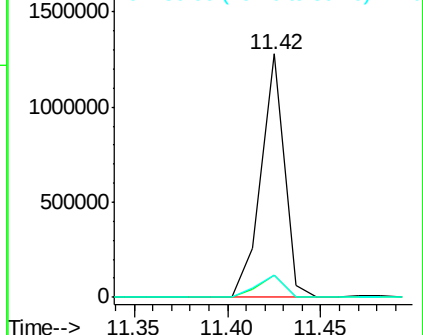
80 9.0 9.6 14.4#



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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084202.D

Acq: 31 Dec 2015 18:40

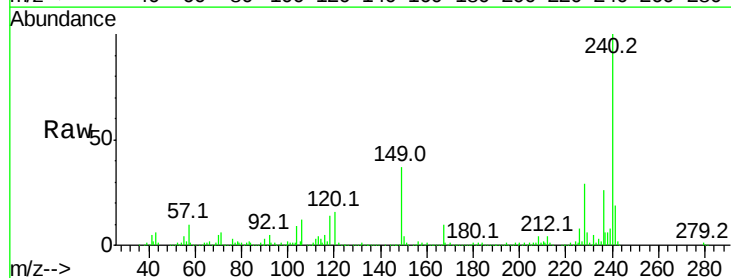
Tgt Ion:240 Resp: 793713

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

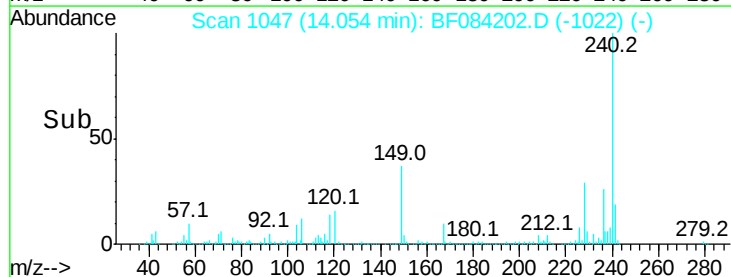
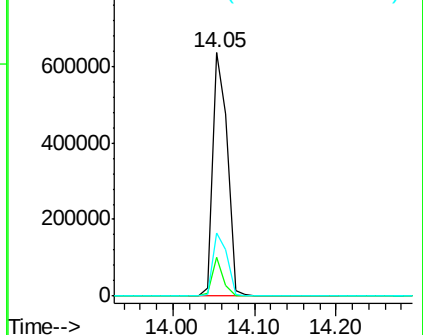
236 25.8 20.6 31.0

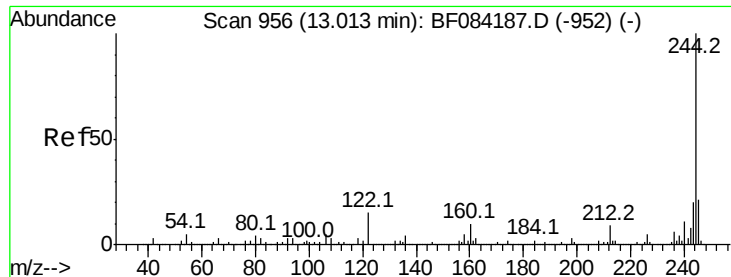


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.19 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084202.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

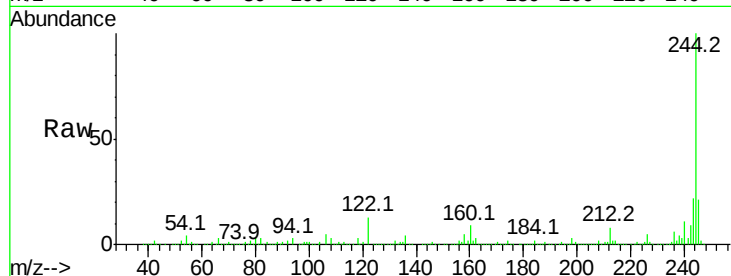
Tot Ion:244 Resp: 2282361

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

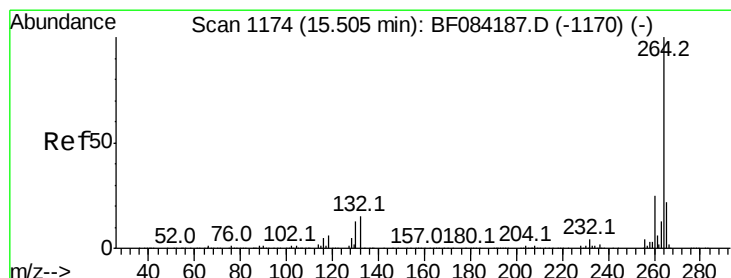
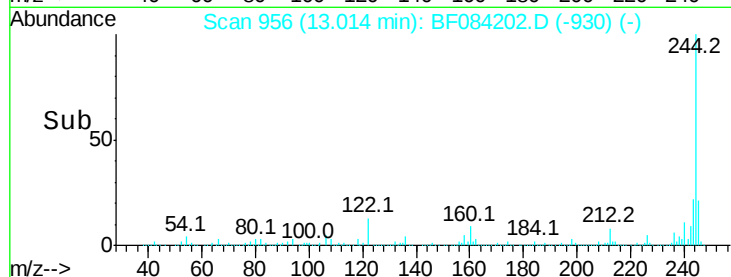
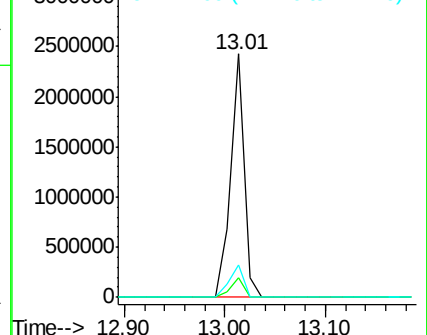
122 13.3 7.4 11.0#



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: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084202.D

Acq: 31 Dec 2015 18:40

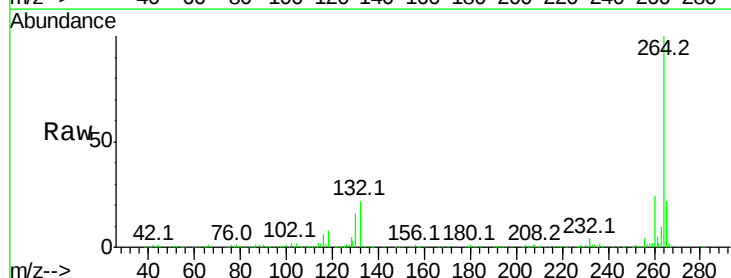
Tgt Ion:264 Resp: 582581

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.2 17.8 26.6



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

