

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086167.D
 Acq On : 8 Apr 2016 14:43
 Operator : UM/SJ
 Sample : H2155-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PEN-IDW-040116-WATERRE

Quant Time: Apr 08 23:56:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

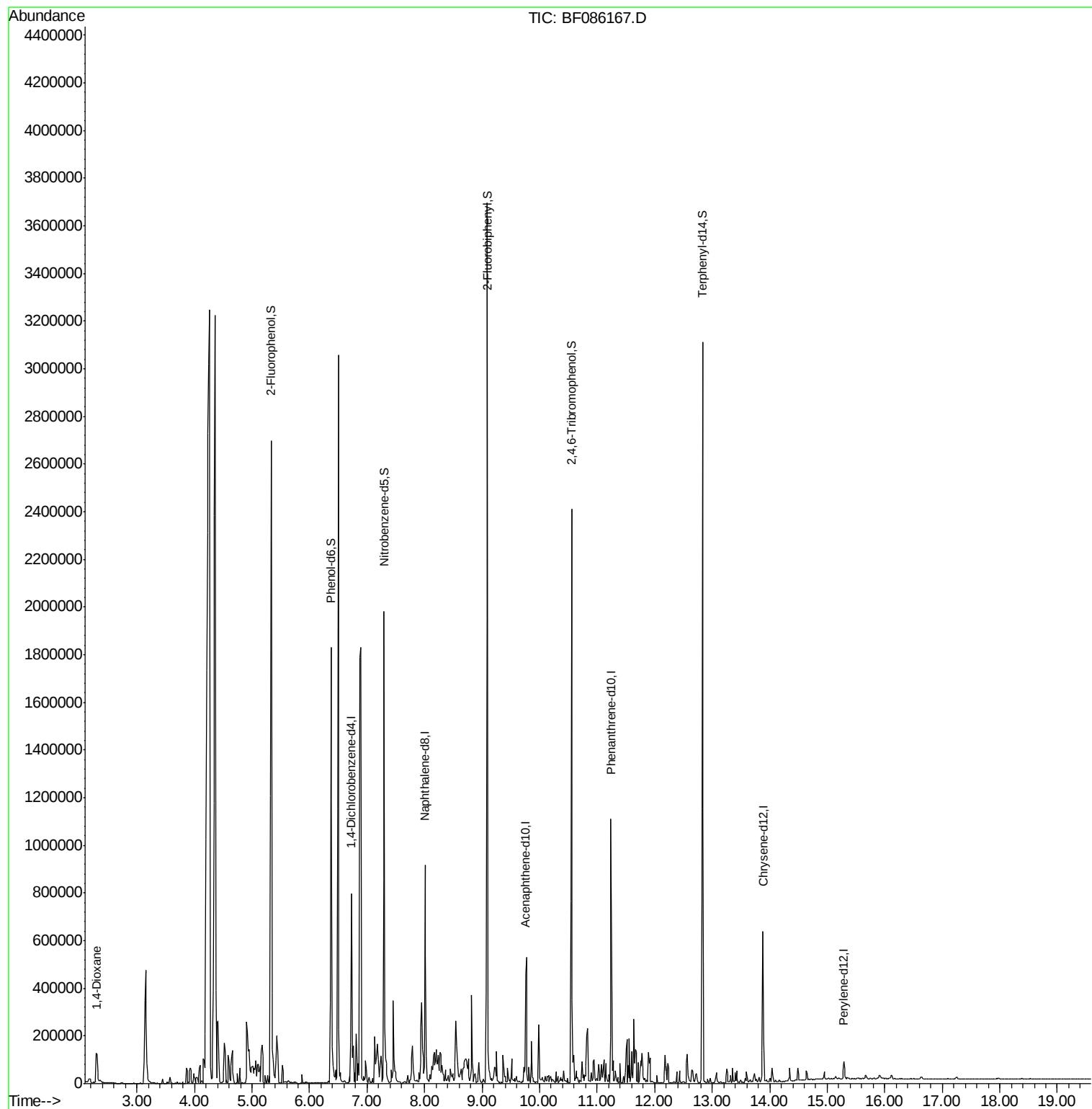
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128490	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	513018	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	111252	20.00	ng	-0.06
63) Phenanthrene-d10	11.24	188	330433	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	120621	20.00	ng	-0.05
86) Perylene-d12	15.28	264	2498	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	910528	121.13	ng	-0.03
7) Phenol-d6	6.37	99	712576	74.63	ng	-0.05
23) Nitrobenzene-d5	7.30	82	748808	86.08	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	303359	290.52	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1386619	207.23	ng	-0.05
78) Terphenyl-d14	12.83	244	945622	184.28	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	2.30	88	92226	25.88	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086167.D

Acq: 8 Apr 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PEN-IDW-040116-WATERRE

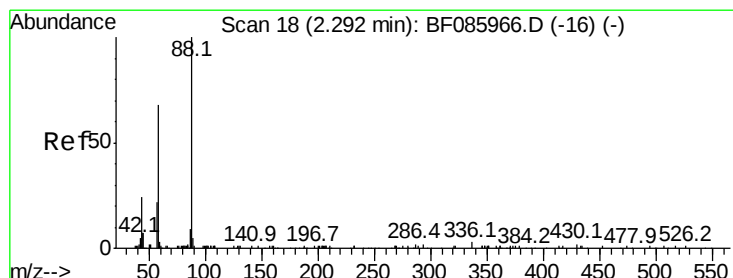
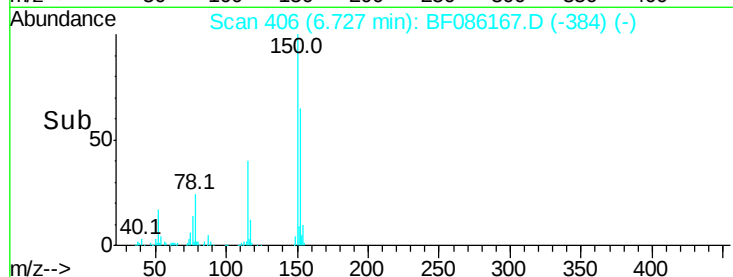
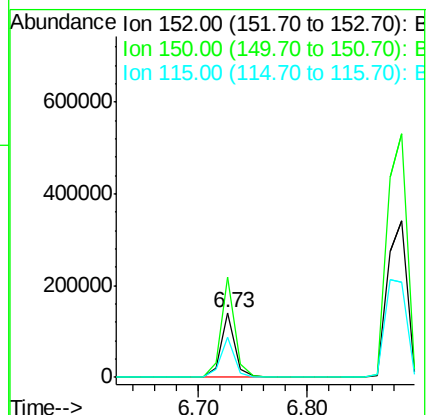
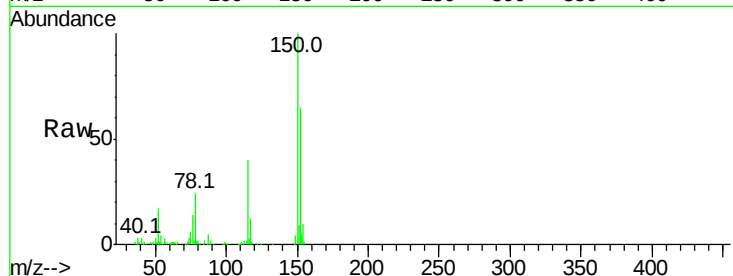
Tot Ion:152 Resp: 128490

Ion Ratio Lower Upper

152 100

150 153.8 124.2 186.2

115 61.0 47.0 70.6



#2

1,4-Dioxane

Concen: 25.88 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.01 min

Lab File: BF086167.D

Acq: 8 Apr 2016 14:43

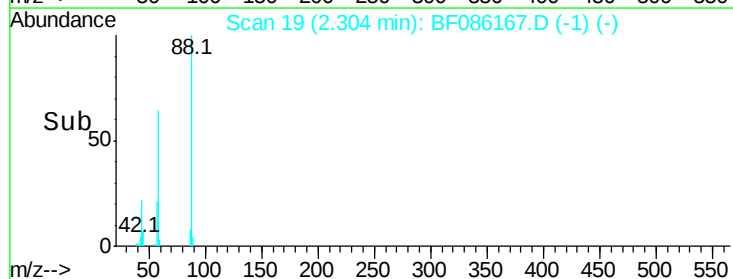
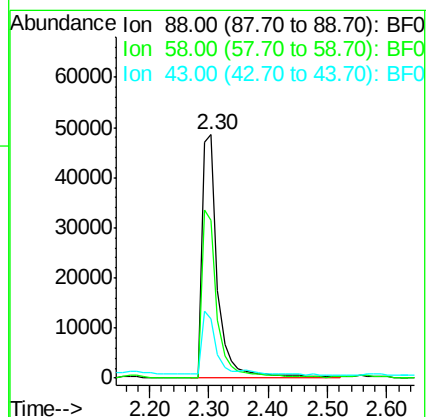
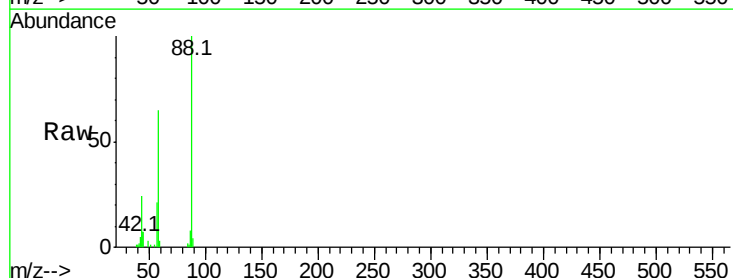
Tgt Ion: 88 Resp: 92226

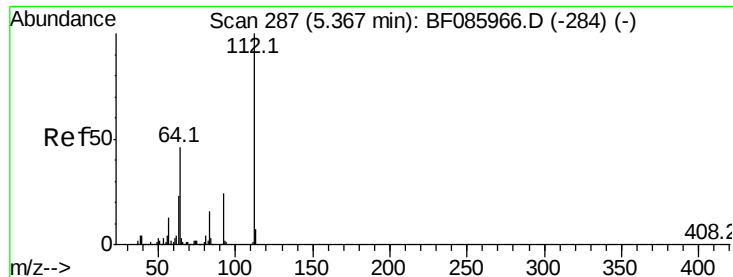
Ion Ratio Lower Upper

88 100

58 68.4 54.2 81.2

43 27.2 19.3 28.9





#5

2-Fluorophenol

Concen: 121.13 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086167.D

Acq: 8 Apr 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PEN-IDW-040116-WATERRE

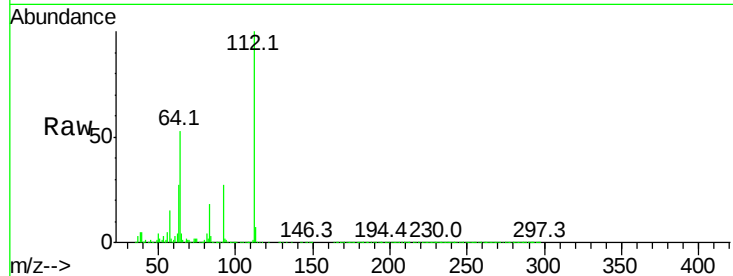
Tot Ion:112 Resp: 910528

Ion Ratio Lower Upper

112 100

64 53.1 39.9 59.9

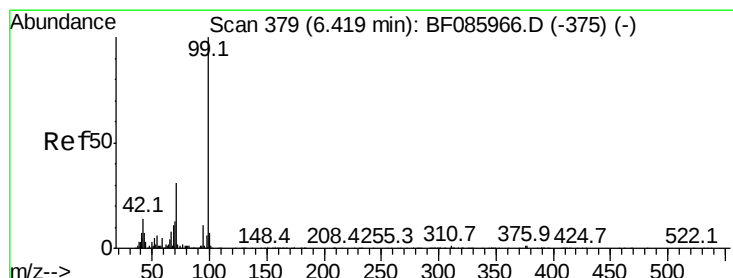
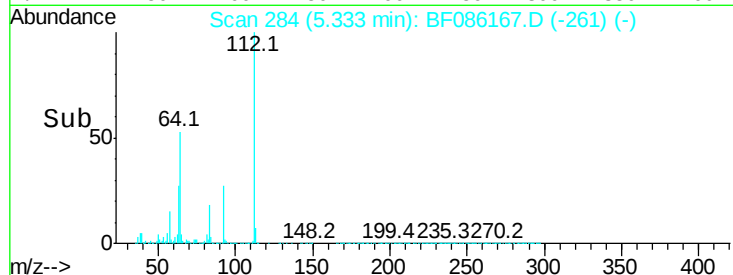
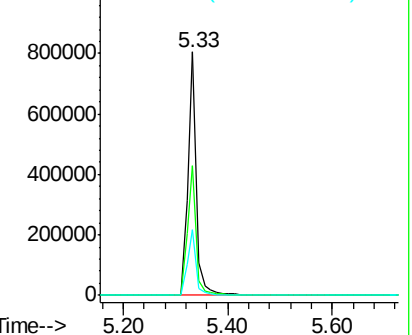
63 27.0 20.2 30.2



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: 74.63 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086167.D

Acq: 8 Apr 2016 14:43

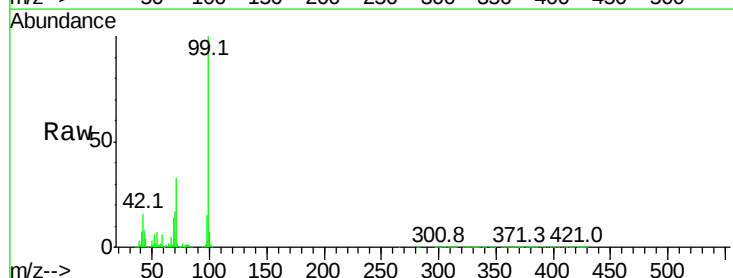
Tgt Ion: 99 Resp: 712576

Ion Ratio Lower Upper

99 100

42 16.4 11.1 16.7

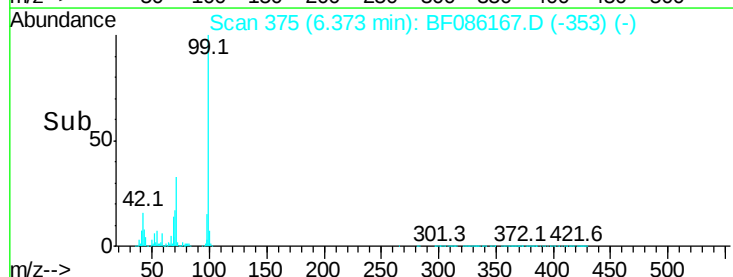
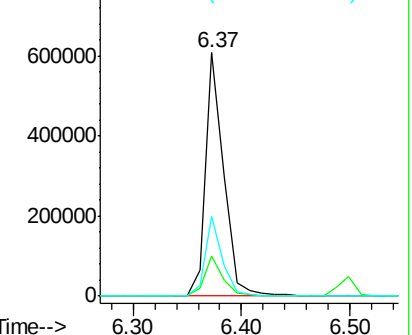
71 32.8 24.9 37.3

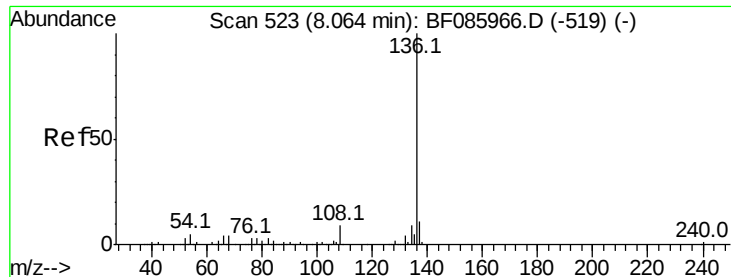


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086167.D

Acq: 8 Apr 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PEN-IDW-040116-WATERRE

Tot Ion:136 Resp: 513018

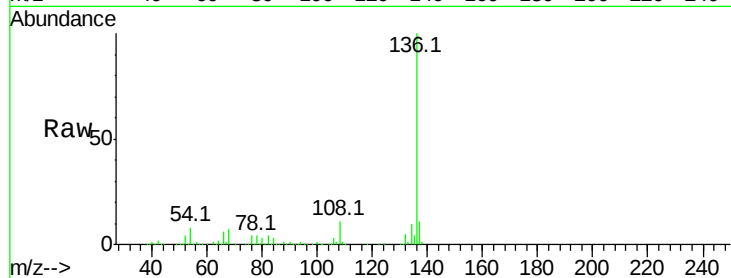
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.4 7.4 11.0

68 7.2 5.8 8.8

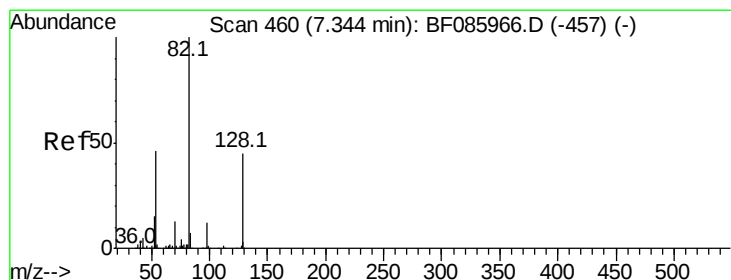
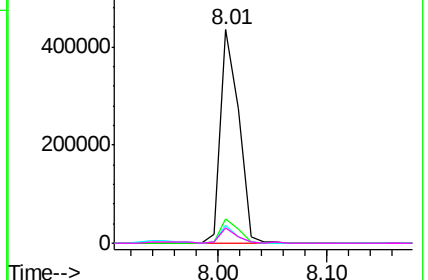
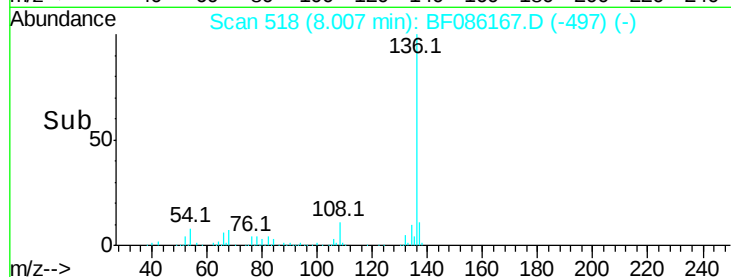


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.08 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF086167.D

Acq: 8 Apr 2016 14:43

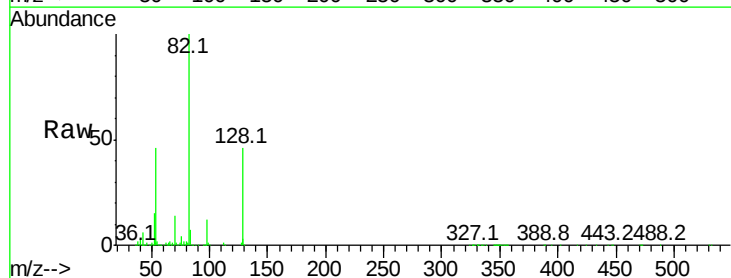
Tgt Ion: 82 Resp: 748808

Ion Ratio Lower Upper

82 100

128 46.0 41.8 62.8

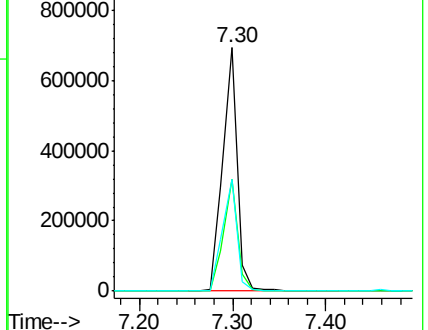
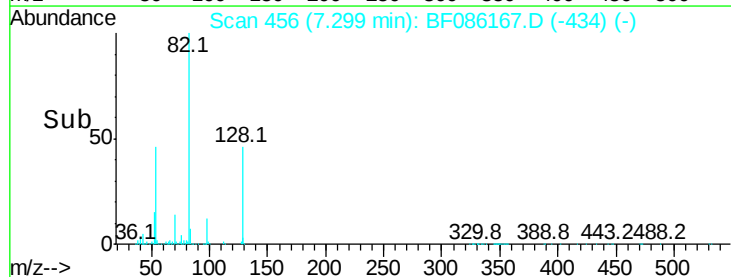
54 45.8 33.4 50.0

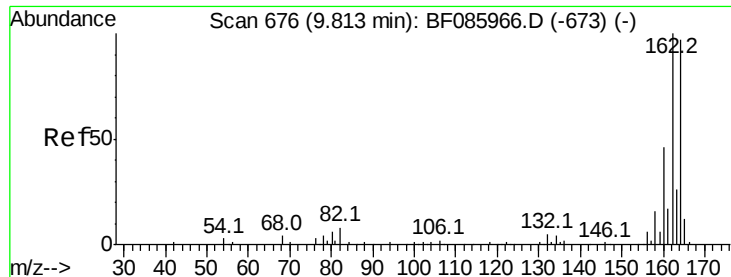


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

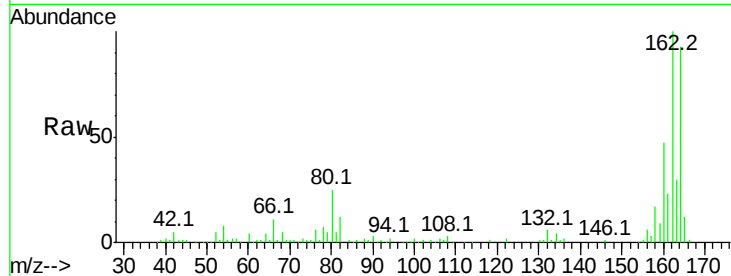




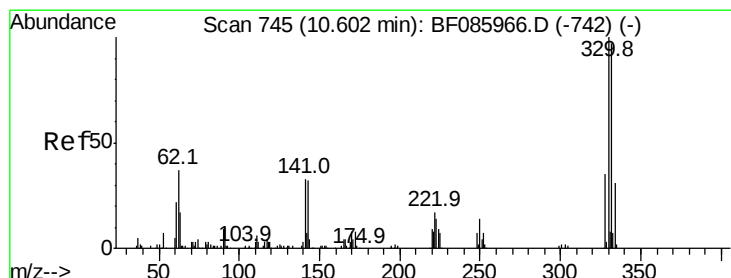
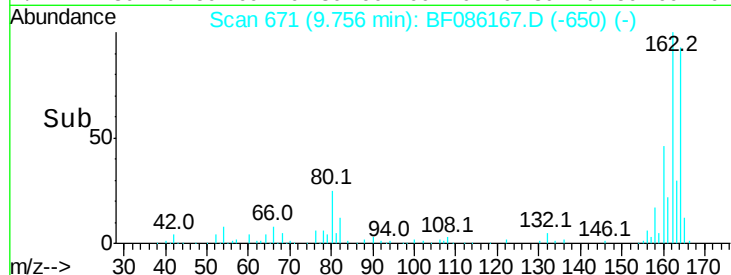
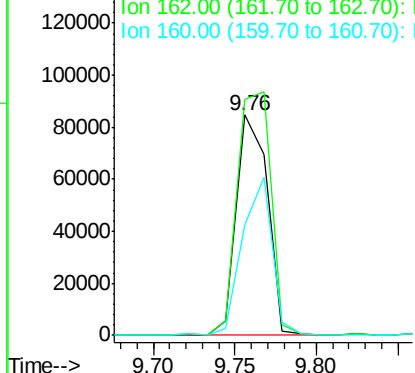
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF086167.D
Acq: 8 Apr 2016 14:43

Instrument :
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ClientSampleId :
PEN-IDW-040116-WATERRE

Tot Ion:164 Resp: 111252
Ion Ratio Lower Upper
164 100
162 107.1 82.1 123.1
160 50.3 37.4 56.2

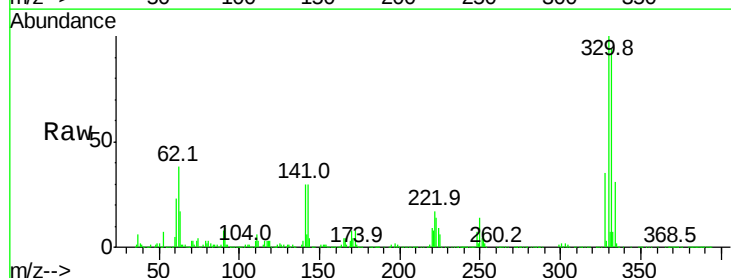


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

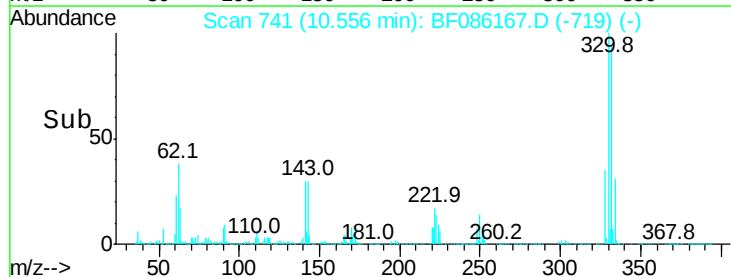
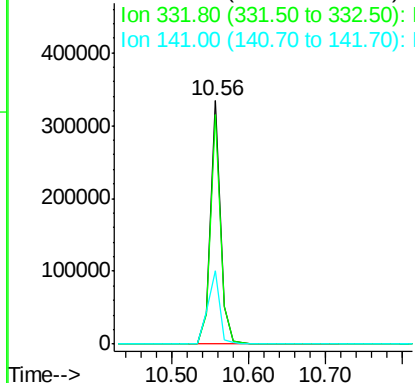


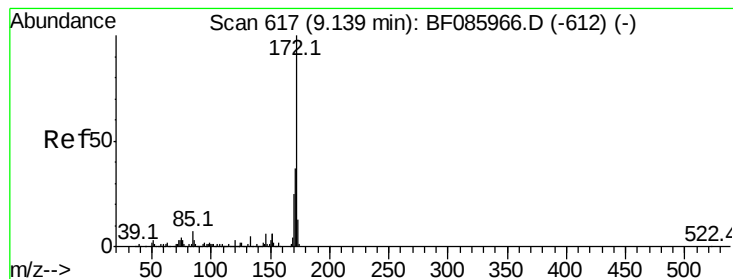
#41
2,4,6-Tribromophenol
Concen: 290.52 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF086167.D
Acq: 8 Apr 2016 14:43

Tgt Ion:330 Resp: 303359
Ion Ratio Lower Upper
330 100
332 95.2 78.2 117.2
141 35.8 31.5 47.3



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

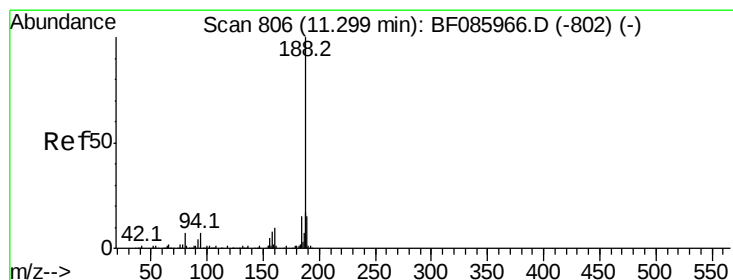
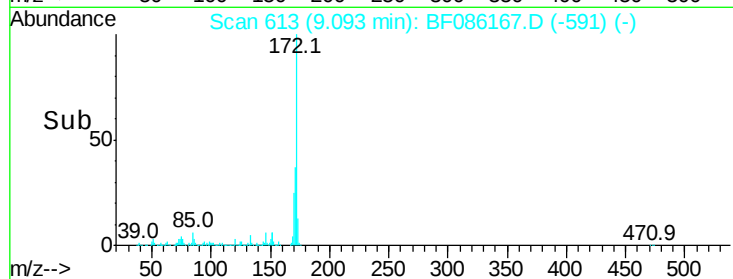
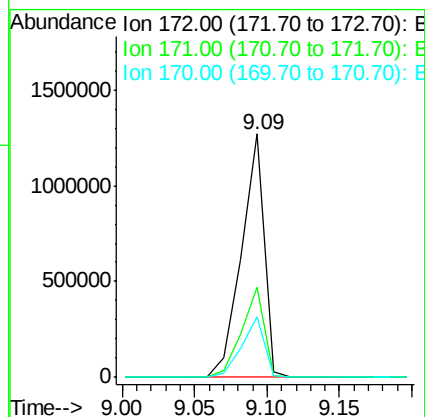
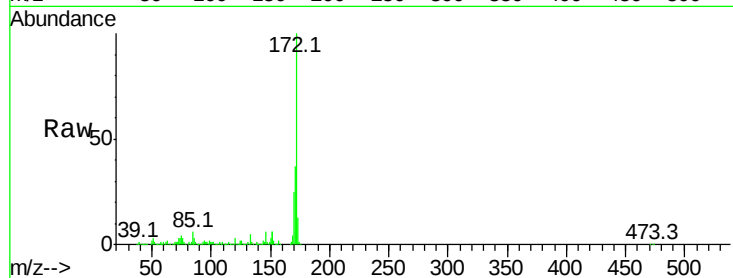




#44
2-Fluorobiphenyl
Concen: 207.23 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086167.D
Acq: 8 Apr 2016 14:43

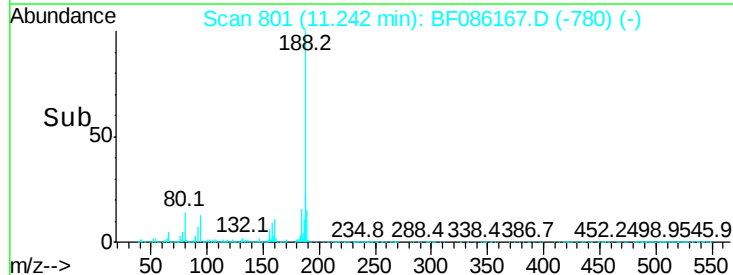
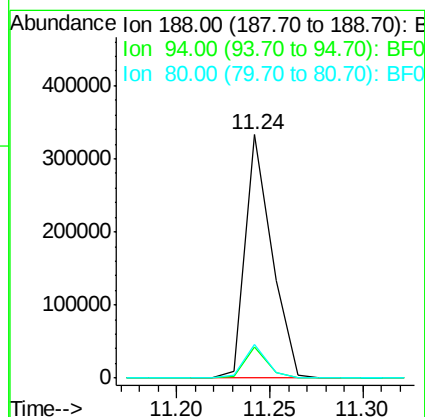
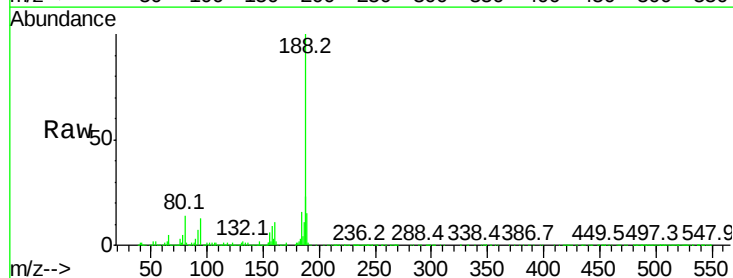
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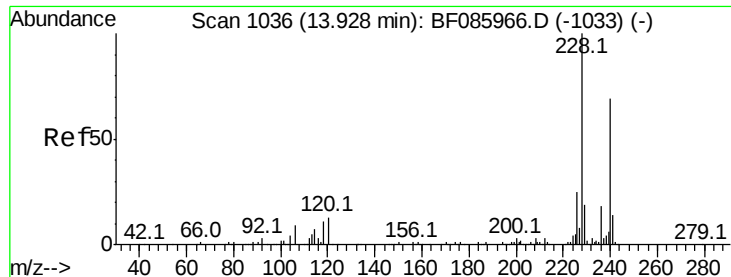
Tot Ion:172 Resp: 1386619
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.2
170 24.7 19.8 29.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086167.D
Acq: 8 Apr 2016 14:43

Tgt Ion:188 Resp: 330433
Ion Ratio Lower Upper
188 100
94 12.6 5.4 8.0#
80 13.8 5.5 8.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086167.D

Acq: 8 Apr 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PEN-IDW-040116-WATERRE

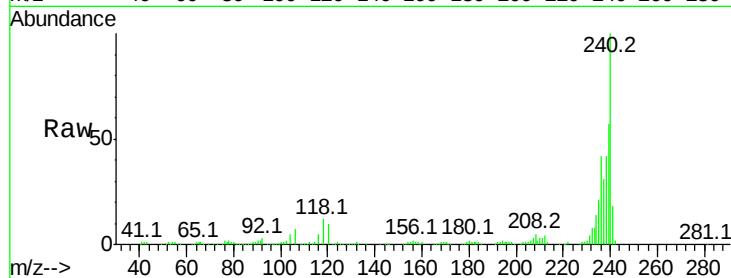
Tot Ion:240 Resp: 120621

Ion Ratio Lower Upper

240 100

120 9.8 13.8 20.8#

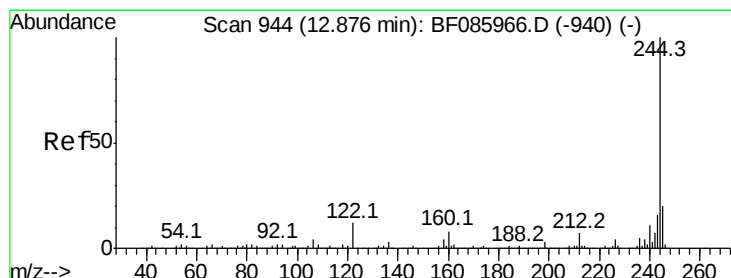
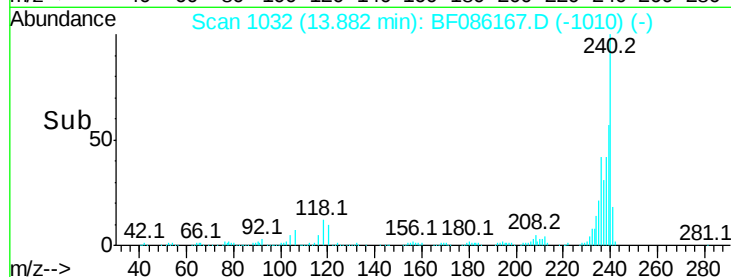
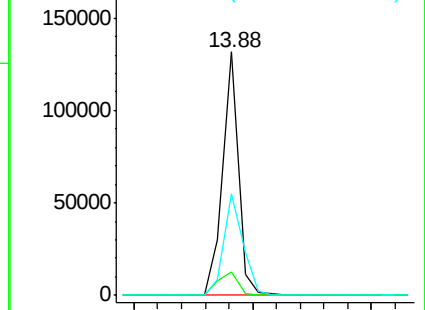
236 41.9 20.6 30.8#



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: 184.28 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086167.D

Acq: 8 Apr 2016 14:43

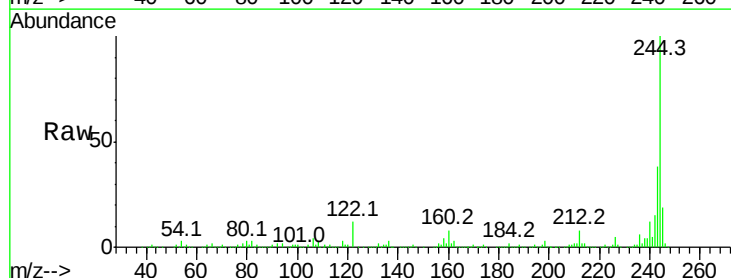
Tgt Ion:244 Resp: 945622

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

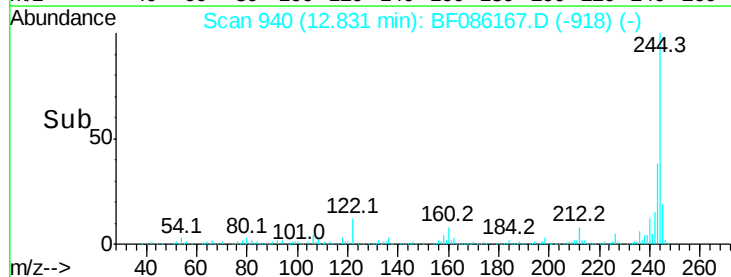
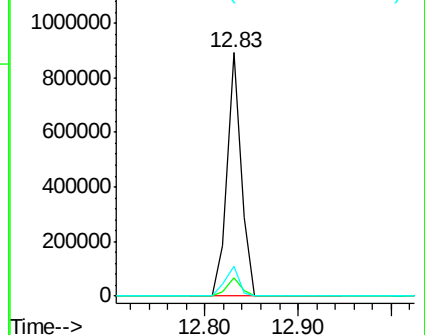
122 12.5 10.2 15.4

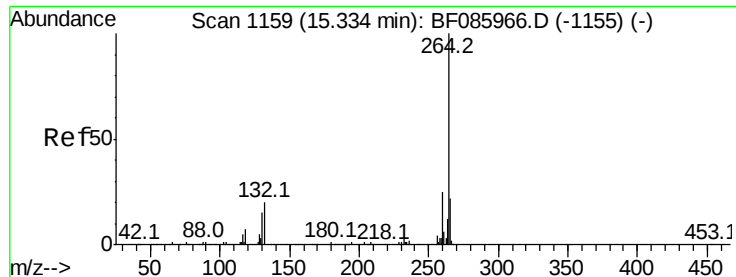


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086167.D
Acq: 8 Apr 2016 14:43

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
264	100		
260	57.5	19.4	29.2#
265	28.7	17.2	25.8#

