

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082715\
 Data File : BF081243.D
 Acq On : 27 Aug 2015 7:00
 Operator : UM/IZ
 Sample : G3286-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STORM-WATER

Quant Time: Aug 27 07:24:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\625-TERPINEOL-BF082715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 06:31:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	72419	20.00	ng	0.00
4) Naphthalene-d8	7.79	136	272573	20.00	ng	0.00
7) Acenaphthene-d10	9.54	164	135398	20.00	ng	0.00
10) Phenanthrene-d10	11.01	188	242088	20.00	ng	0.00
11) Chrysene-d12	13.62	240	205486	20.00	ng	0.00
13) Perylene-d12	14.95	264	145673	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.07	112	144004	31.50	ng	0.01
3) Phenol-d6	6.16	99	122379	20.04	ng	0.00
5) Nitrobenzene-d5	7.09	82	499795	89.87	ng	0.00
8) 2,4,6-Tribromophenol	10.33	330	83015	84.14	ng	0.01
9) 2-Fluorobiphenyl	8.88	172	774529	87.48	ng	0.00
12) Terphenyl-d14	12.60	244	642636	74.08	ng	0.00

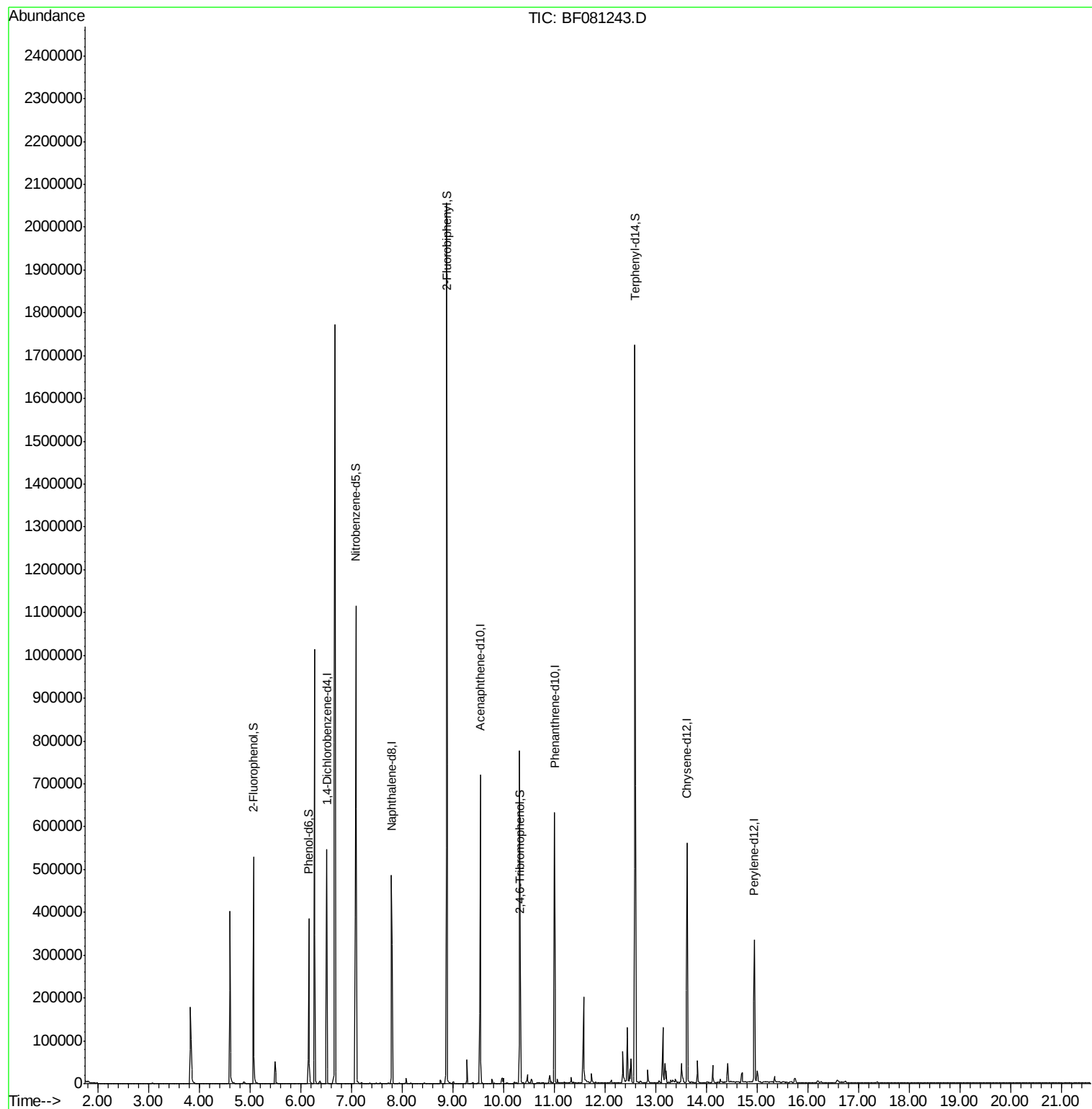
Target Compounds	Qvalue
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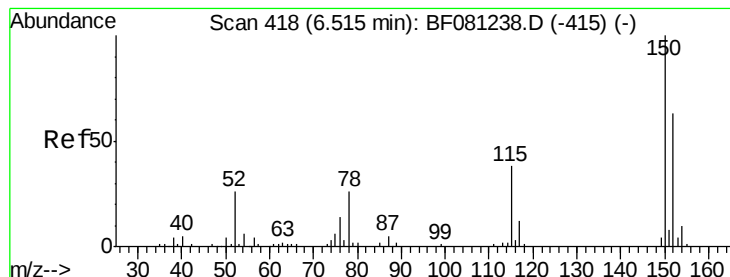
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF081243.D

Acq: 27 Aug 2015 7:00

Instrument :

BNA_F

ClientSampleId :

STORM-WATER

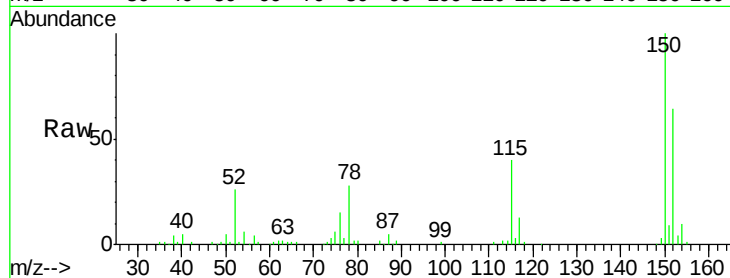
Tgt Ion:152 Resp: 72419

Ion Ratio Lower Upper

152 100

150 157.3 127.8 191.8

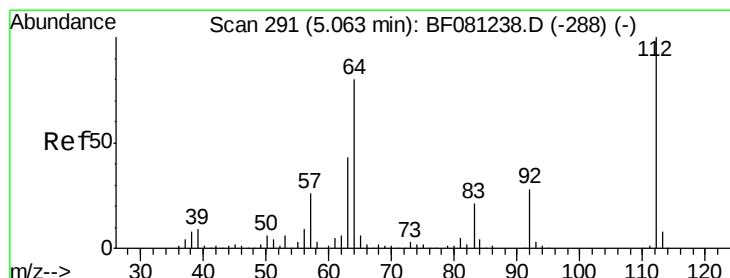
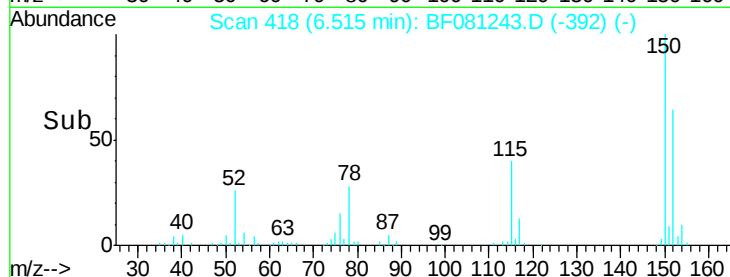
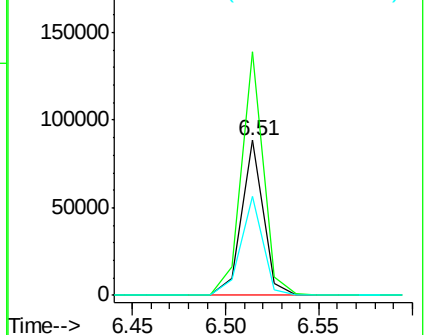
115 63.6 48.6 72.8



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



#2

2-Fluorophenol

Concen: 31.50 ng

RT: 5.07 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081243.D

Acq: 27 Aug 2015 7:00

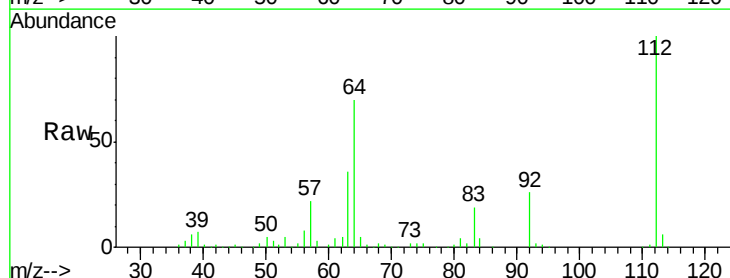
Tgt Ion:112 Resp: 144004

Ion Ratio Lower Upper

112 100

64 69.9 64.2 96.4

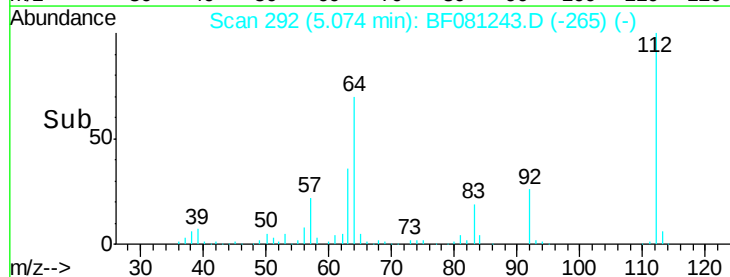
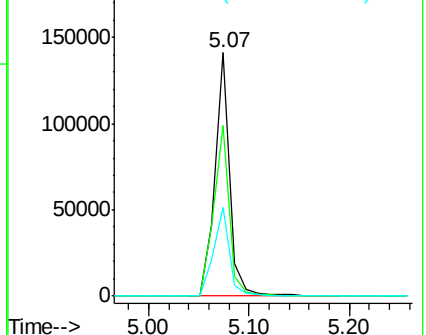
63 36.4 34.6 52.0

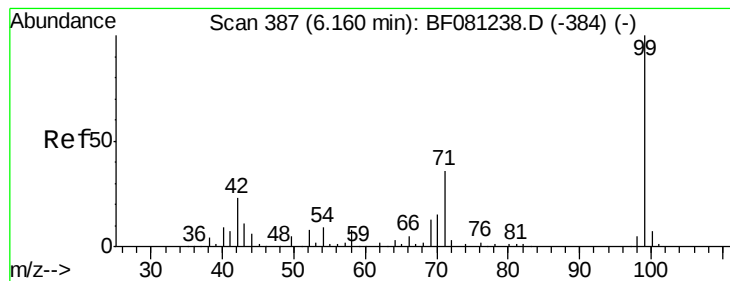


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#3

Phenol-d6

Concen: 20.04 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081243.D

Acq: 27 Aug 2015 7:00

Instrument :

BNA_F

ClientSampleId :

STORM-WATER

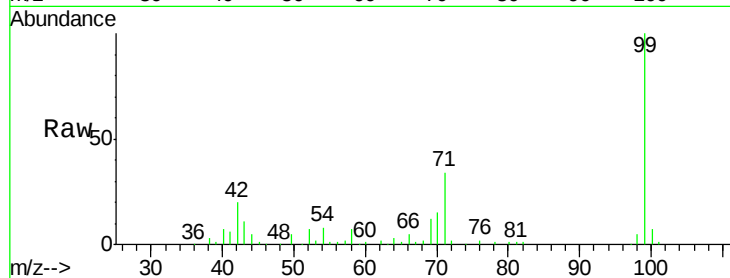
Tgt Ion: 99 Resp: 122379

Ion Ratio Lower Upper

99 100

42 19.7 18.3 27.5

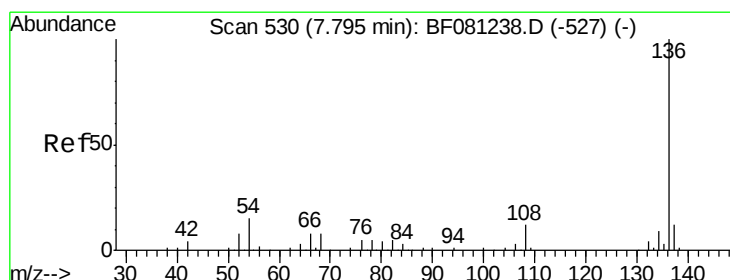
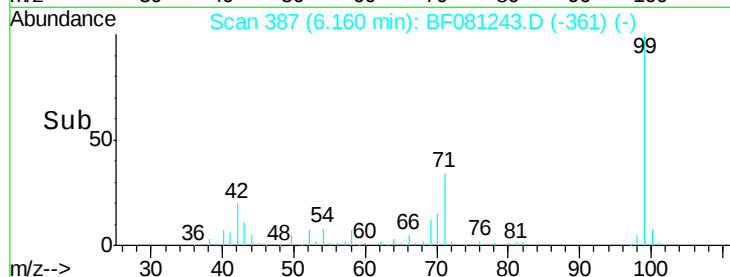
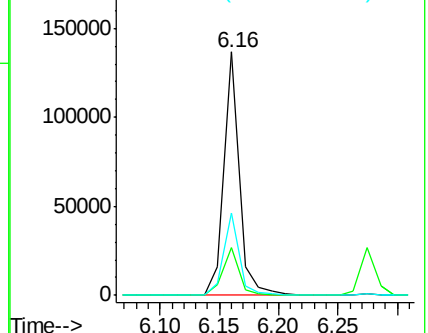
71 33.8 28.5 42.7



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



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF081243.D

Acq: 27 Aug 2015 7:00

Tgt Ion: 136 Resp: 272573

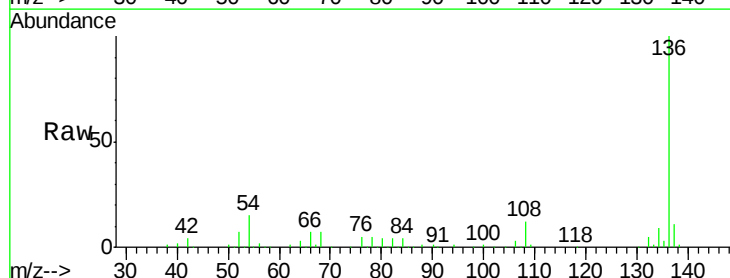
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 14.7 12.4 18.6

68 7.5 6.6 9.8

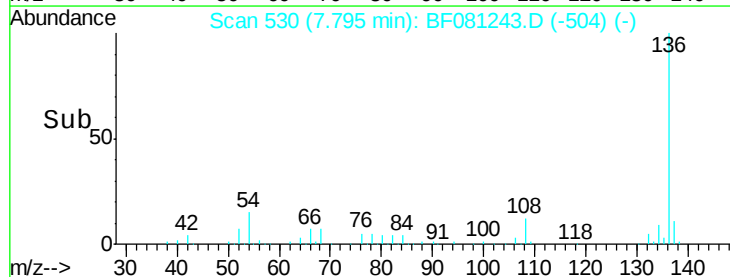
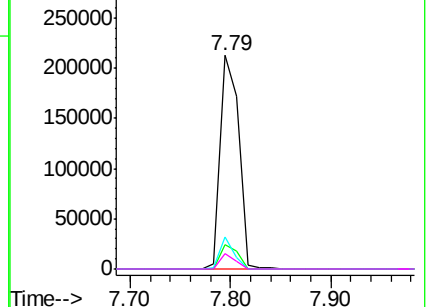


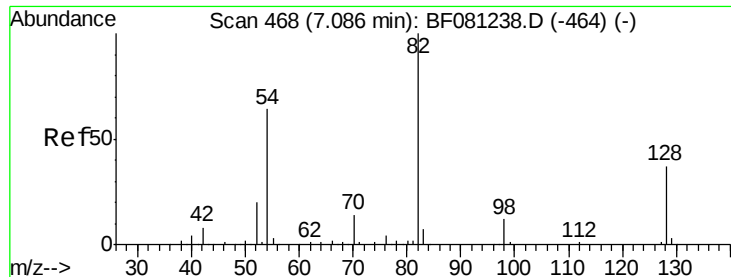
Abundance Ion 136.00 (135.70 to 136.70): E

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





#5

Nitrobenzene-d5

Concen: 89.87 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF081243.D

Acq: 27 Aug 2015 7:00

Instrument :

BNA_F

ClientSampleId :

STORM-WATER

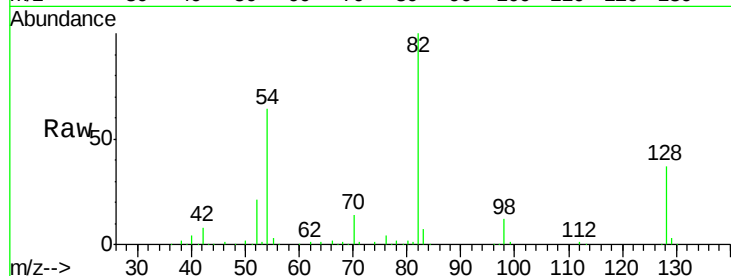
Tgt Ion: 82 Resp: 499795

Ion Ratio Lower Upper

82 100

128 37.4 29.3 43.9

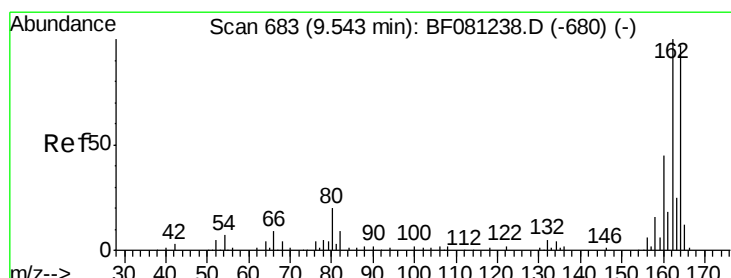
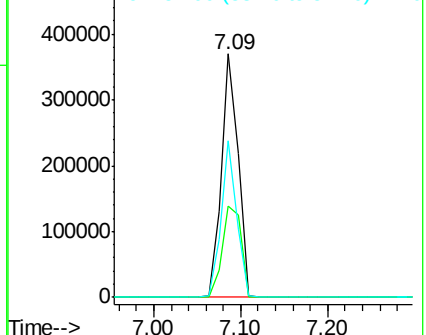
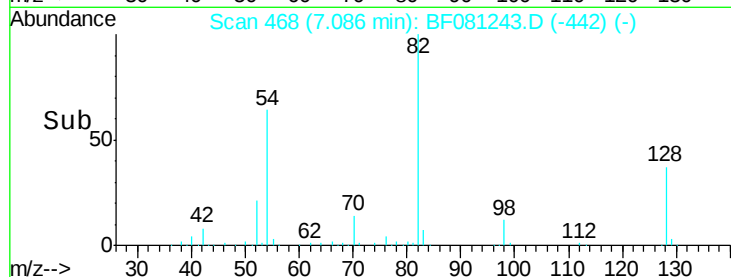
54 64.4 51.1 76.7



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



#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF081243.D

Acq: 27 Aug 2015 7:00

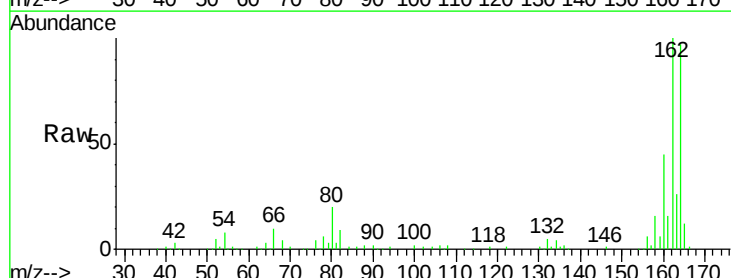
Tgt Ion: 164 Resp: 135398

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

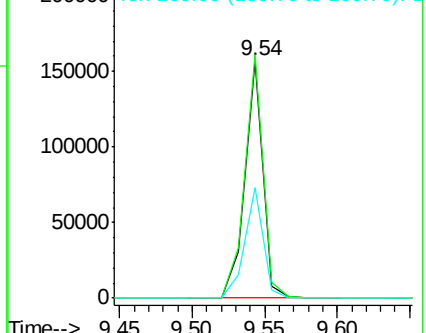
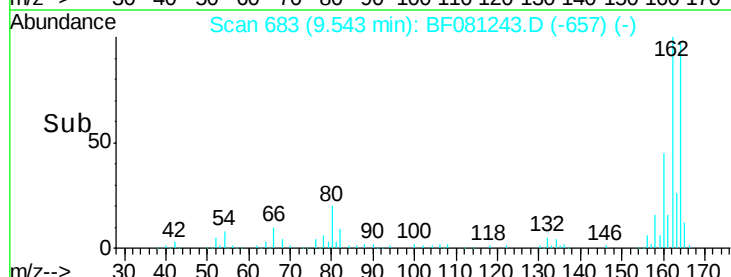
160 46.4 36.8 55.2

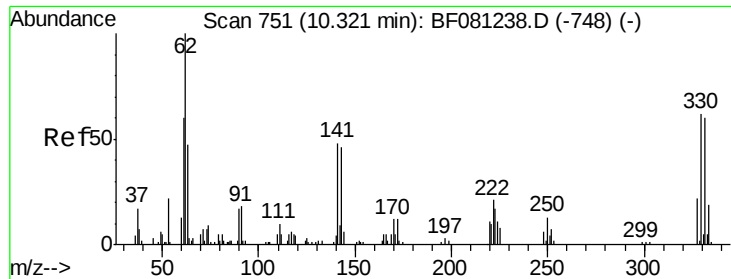


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#8

2,4,6-Tribromophenol

Concen: 84.14 ng

RT: 10.33 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF081243.D

Acq: 27 Aug 2015 7:00

Instrument :

BNA_F

ClientSampleId :

STORM-WATER

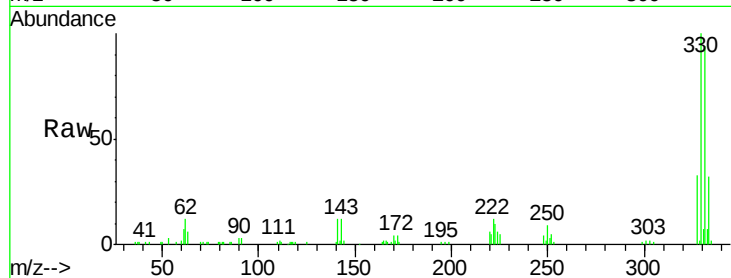
Tgt Ion:330 Resp: 83015

Ion Ratio Lower Upper

330 100

332 94.6 75.5 113.3

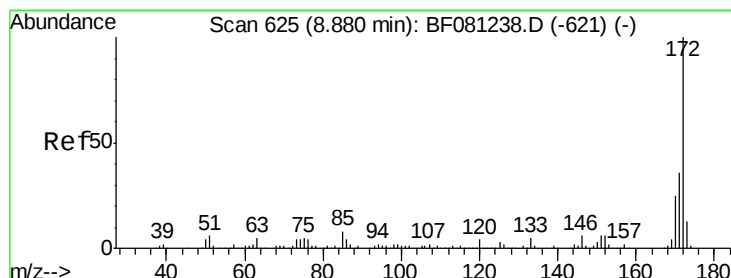
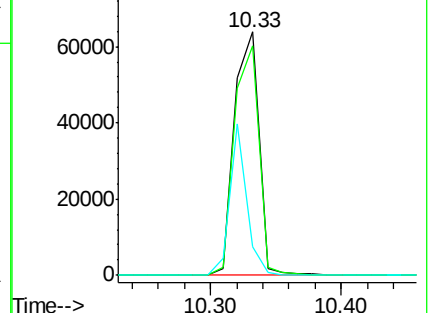
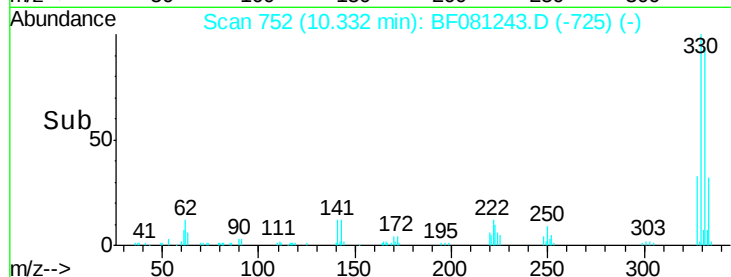
141 43.3 40.3 60.5



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



#9

2-Fluorobiphenyl

Concen: 87.48 ng

RT: 8.88 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF081243.D

Acq: 27 Aug 2015 7:00

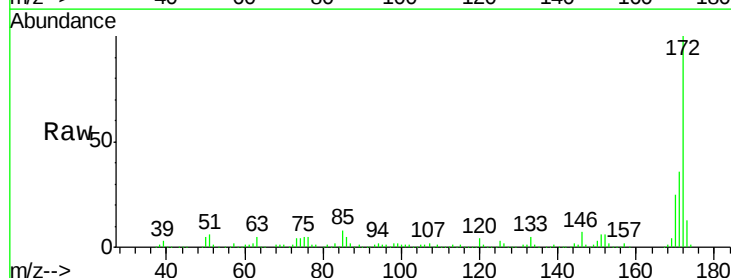
Tgt Ion:172 Resp: 774529

Ion Ratio Lower Upper

172 100

171 36.5 28.6 42.8

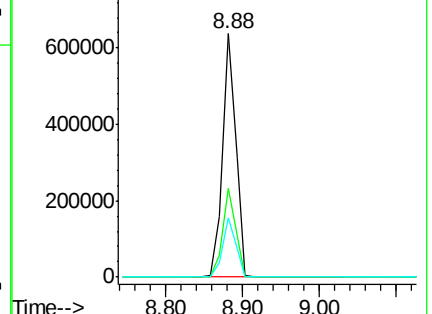
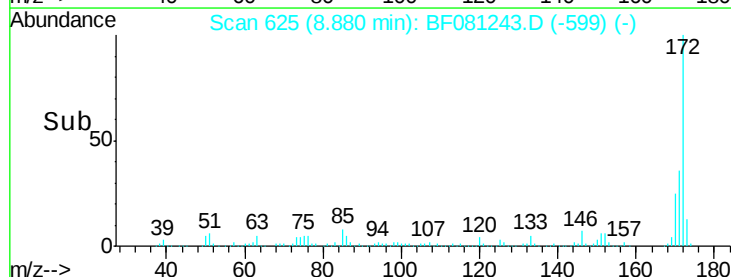
170 24.6 19.7 29.5

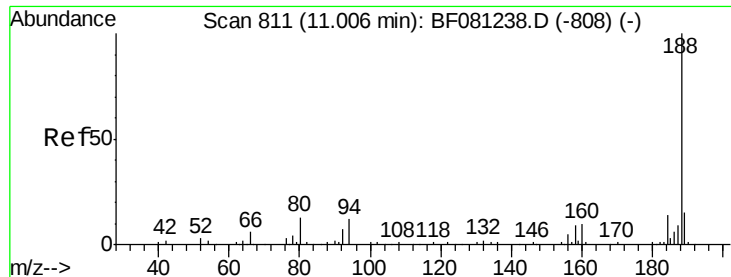


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

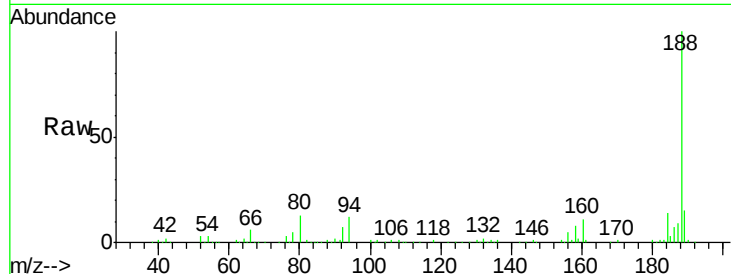




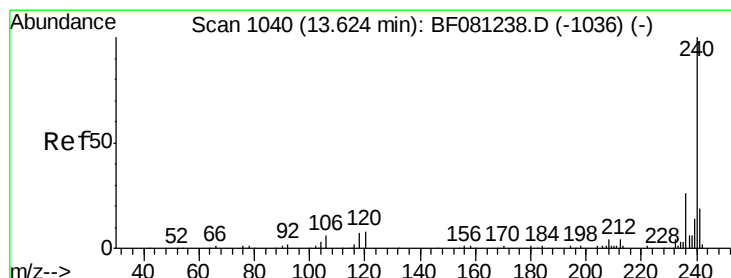
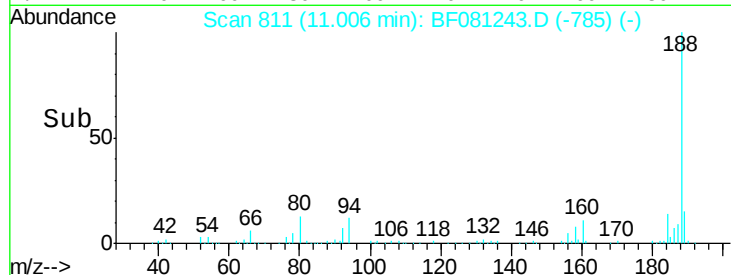
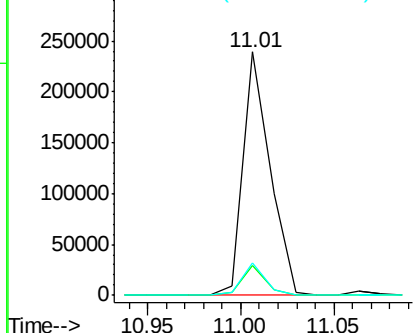
#10
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF081243.D
Acq: 27 Aug 2015 7:00

Instrument :
BNA_F
ClientSampleId :
STORM-WATER

Tgt Ion:188 Resp: 242088
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 13.4 10.5 15.7

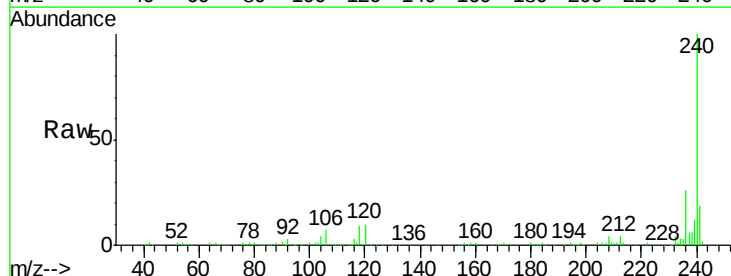


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

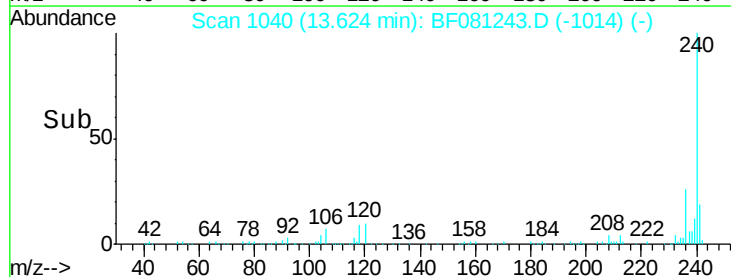
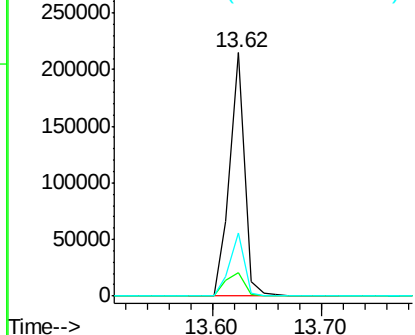


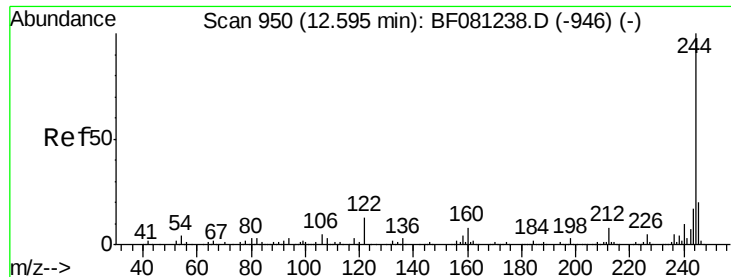
#11
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF081243.D
Acq: 27 Aug 2015 7:00

Tgt Ion:240 Resp: 205486
Ion Ratio Lower Upper
240 100
120 9.6 6.2 9.4#
236 26.1 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

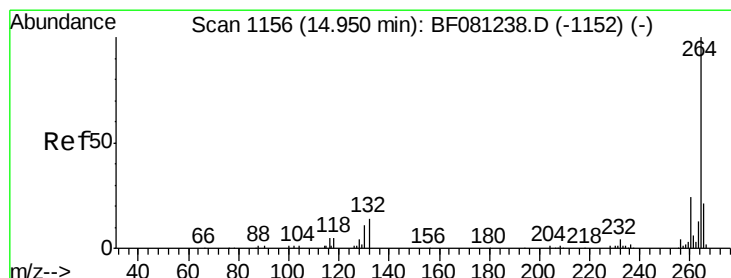
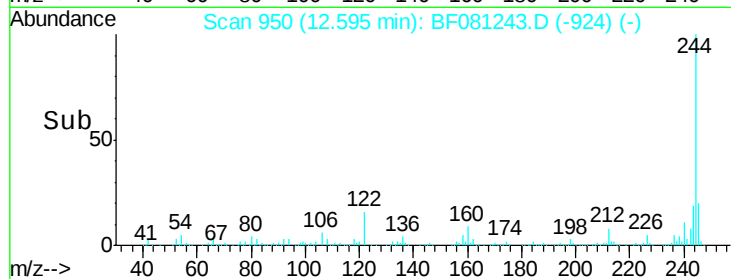
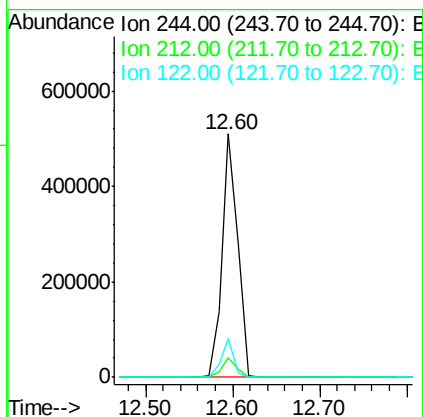
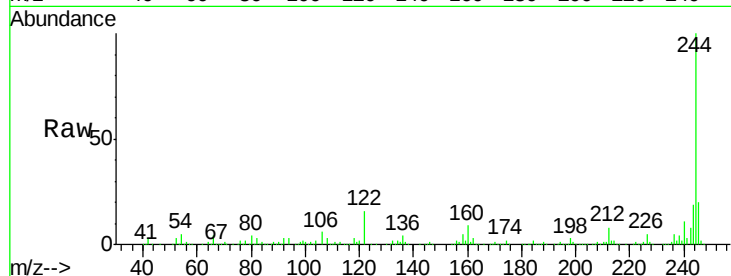




#12
 Terphenyl-d14
 Concen: 74.08 ng
 RT: 12.60 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF081243.D
 Acq: 27 Aug 2015 7:00

Instrument :
 BNA_F
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 STORM-WATER

Tgt Ion:244 Resp: 642636
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 16.1 10.7 16.1#



#13
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF081243.D
 Acq: 27 Aug 2015 7:00

Tgt Ion:264 Resp: 145673
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.9 28.3
 265 21.8 17.1 25.7

