

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
 Data File : BF081015.D
 Acq On : 17 Aug 2015 21:23
 Operator : UM/IZ
 Sample : G3286-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STORM-WATER

Quant Time: Aug 18 00:44:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

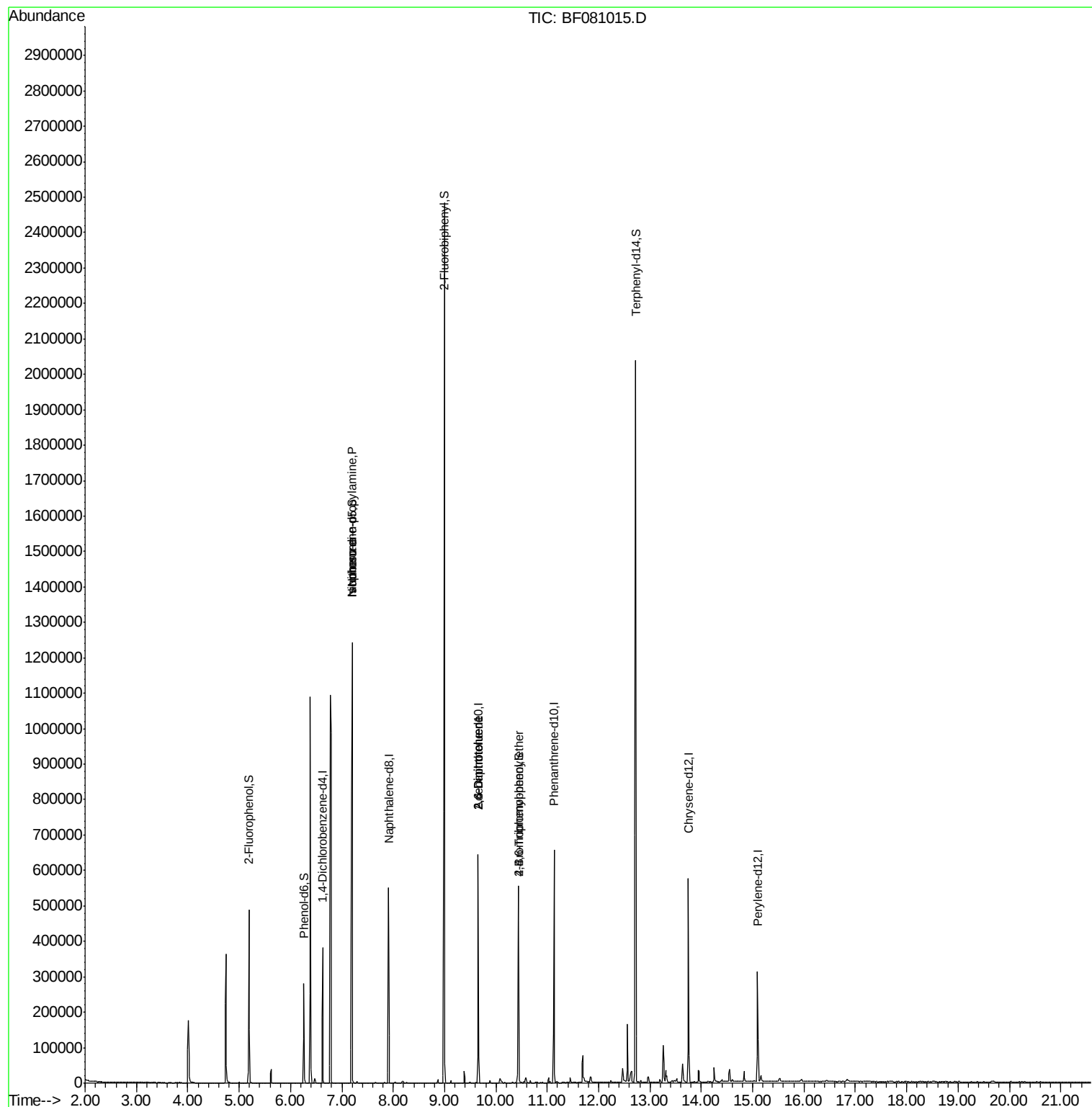
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	63207	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	229790	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	115091	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	224811	20.00	ng	0.00
75) Chrysene-d12	13.75	240	181404	20.00	ng	0.00
86) Perylene-d12	15.10	264	129278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	118441	28.18	ng	0.00
7) Phenol-d6	6.26	99	101702	18.55	ng	0.00
23) Nitrobenzene-d5	7.20	82	496309	98.66	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	74564	74.74	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	720992	82.08	ng	0.00
78) Terphenyl-d14	12.72	244	602255	71.17	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	66738	17.57	ng	# 65
25) Isophorone	7.20	82	475766	50.72	ng	# 71
50) 2,6-Dinitrotoluene	9.66	165	14627	7.19	ng	# 20
56) 2,4-Dinitrotoluene	9.66	165	14627	5.42	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	5821	2.64	ng	# 1

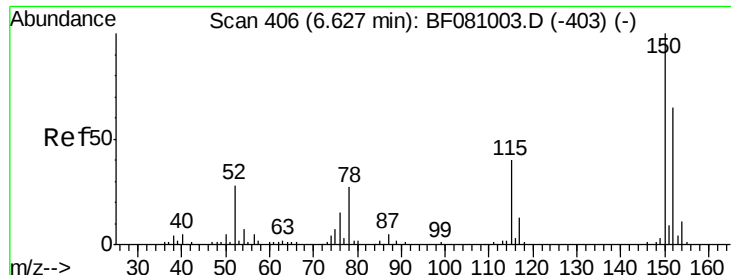
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
Data File : BF081015.D
Acq On : 17 Aug 2015 21:23
Operator : UM/IZ
Sample : G3286-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STORM-WATER

Quant Time: Aug 18 00:44:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF081015.D

Acq: 17 Aug 2015 21:23

Instrument :

BNA_F

ClientSampleId :

STORM-WATER

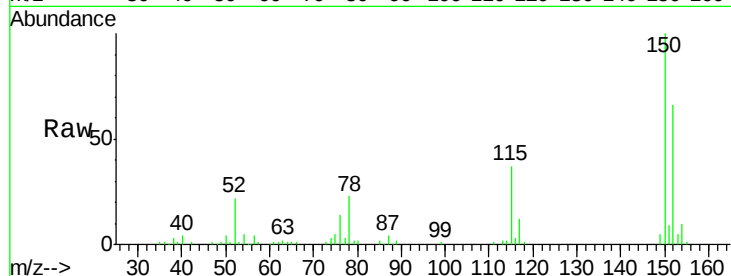
Tot Ion:152 Resp: 63207

Ion Ratio Lower Upper

152 100

150 151.7 123.8 185.6

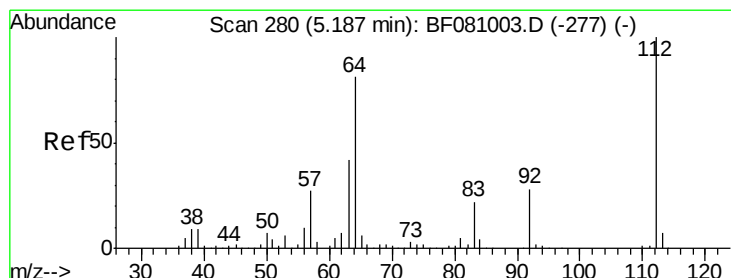
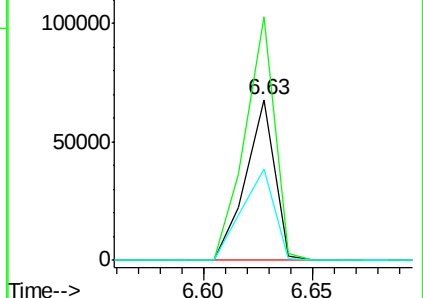
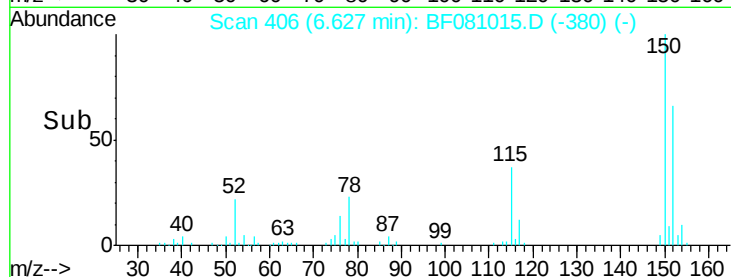
115 56.7 52.1 78.1



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: 28.18 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081015.D

Acq: 17 Aug 2015 21:23

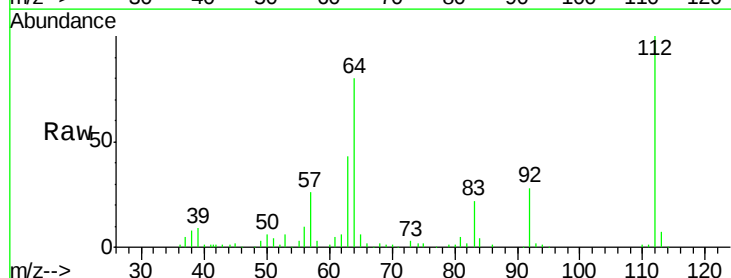
Tgt Ion:112 Resp: 118441

Ion Ratio Lower Upper

112 100

64 80.3 66.9 100.3

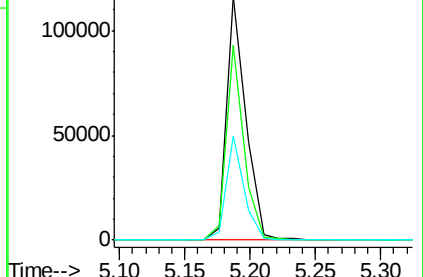
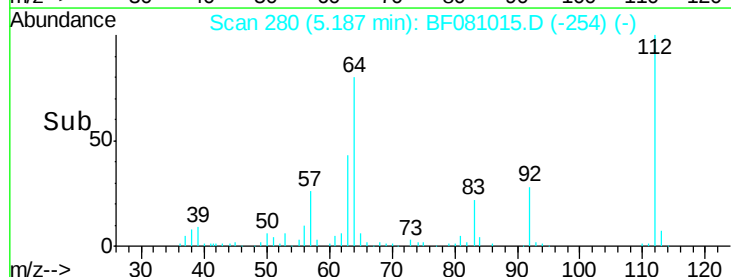
63 42.7 38.1 57.1

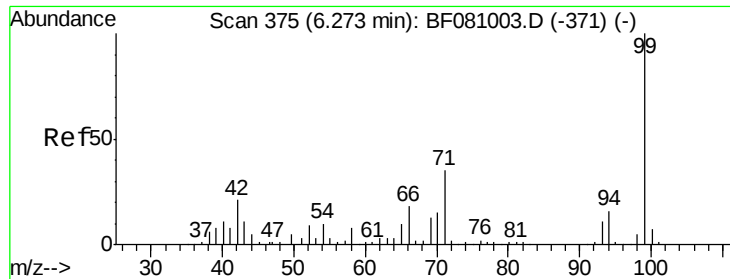


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.55 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081015.D

Acq: 17 Aug 2015 21:23

Instrument :

BNA_F

ClientSampleId :

STORM-WATER

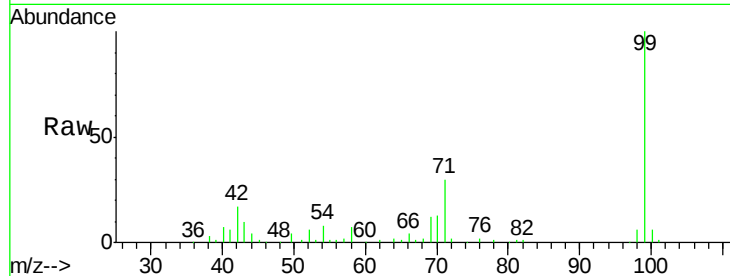
Tot Ion: 99 Resp: 101702

Ion Ratio Lower Upper

99 100

42 17.3 19.6 29.4#

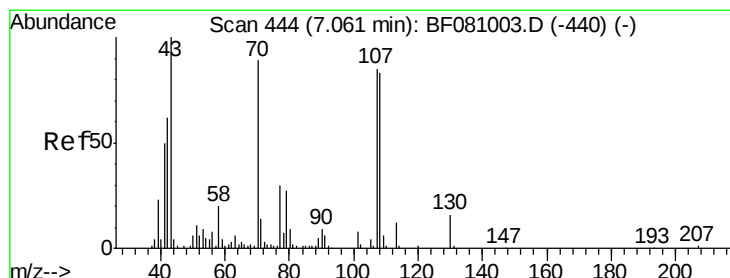
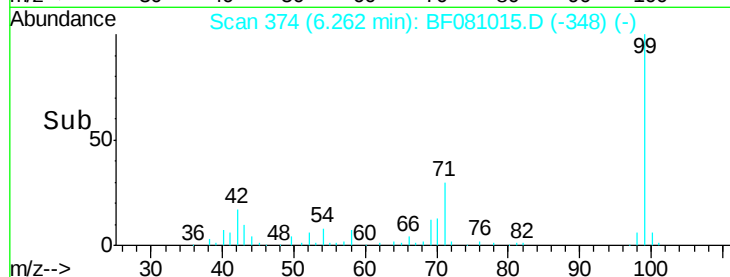
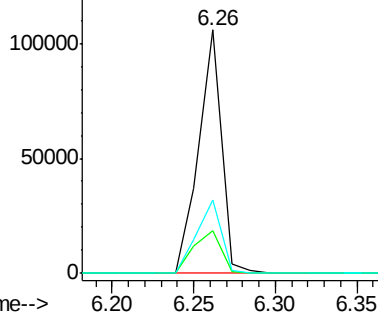
71 30.0 31.2 46.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.57 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.15 min

Lab File: BF081015.D

Acq: 17 Aug 2015 21:23

Tgt Ion: 70 Resp: 66738

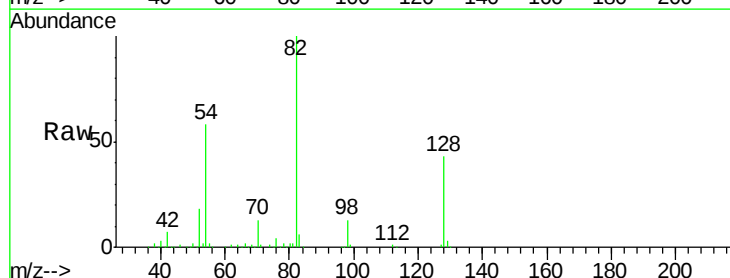
Ion Ratio Lower Upper

70 100

42 49.0 65.0 97.4#

101 0.0 7.4 11.2#

130 2.0 13.0 19.4#

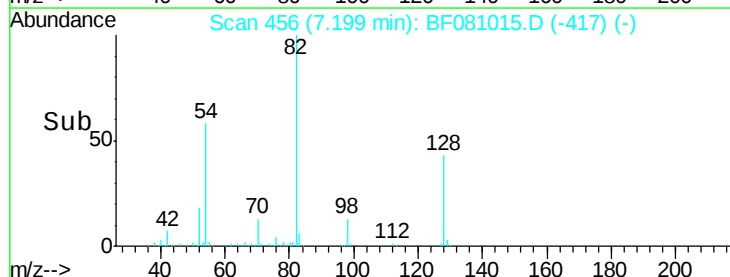
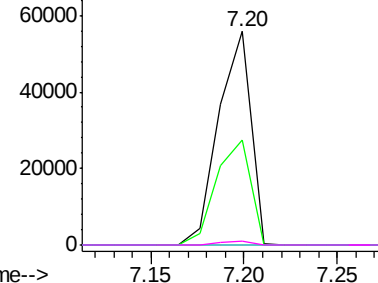


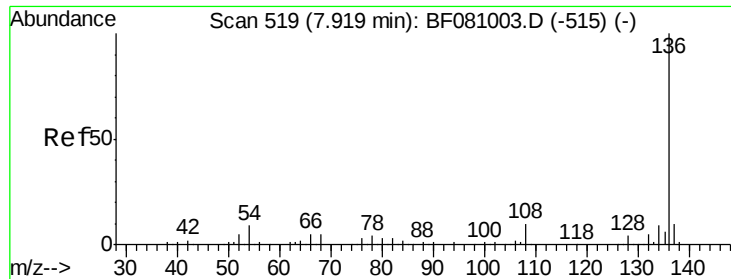
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

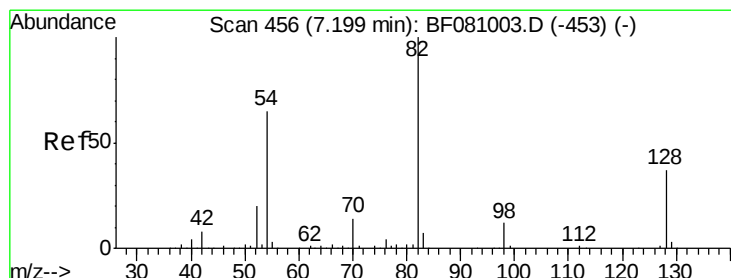
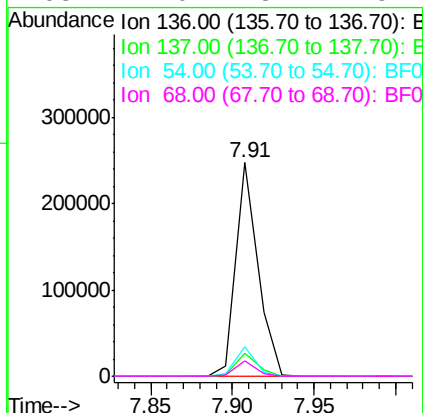
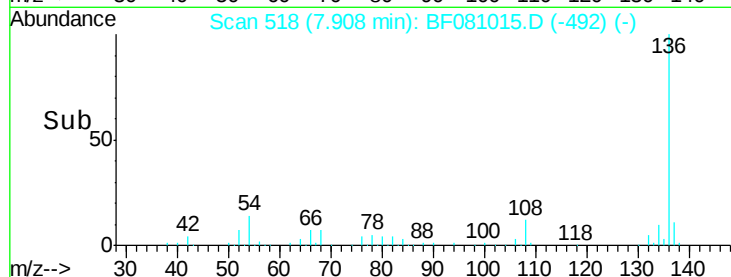
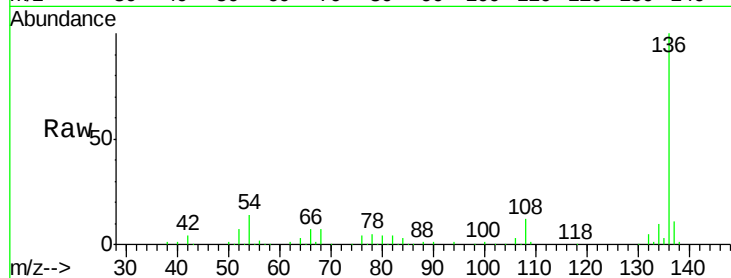




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081015.D
Acq: 17 Aug 2015 21:23

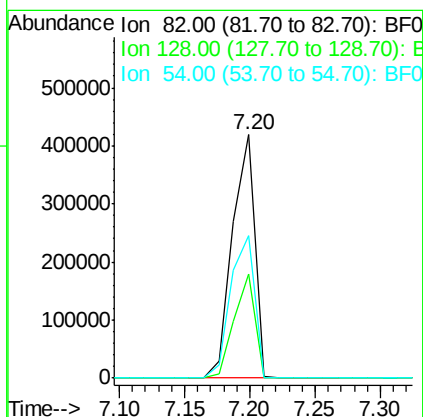
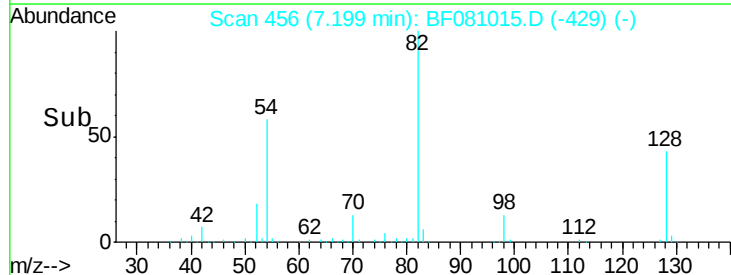
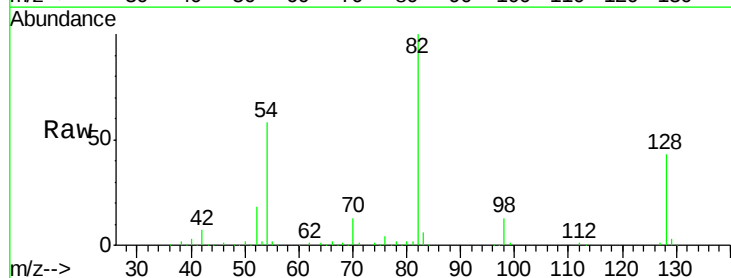
Instrument :
BNA_F
ClientSampleId :
STORM-WATER

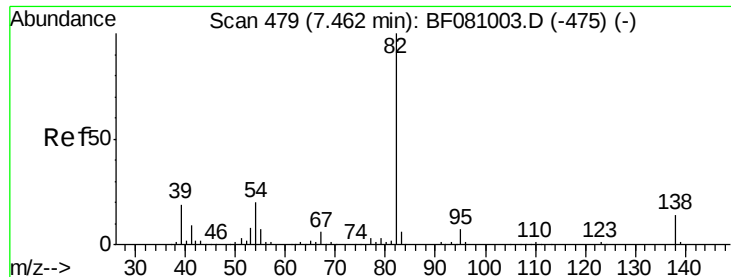
Tot Ion:136	Resp:	229790
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.2 12.2
54	14.0	7.7 11.5#
68	7.0	3.4 5.2#



#23
Nitrobenzene-d5
Concen: 98.66 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081015.D
Acq: 17 Aug 2015 21:23

Tgt Ion: 82	Resp:	496309
Ion Ratio	Lower	Upper
82	100	
128	42.8	28.6 42.8
54	58.4	55.1 82.7





#25

Isophorone

Concen: 50.72 ng

RT: 7.20 min Scan# 456

Delta R.T. -0.25 min

Lab File: BF081015.D

Acq: 17 Aug 2015 21:23

Instrument :

BNA_F

ClientSampleId :

STORM-WATER

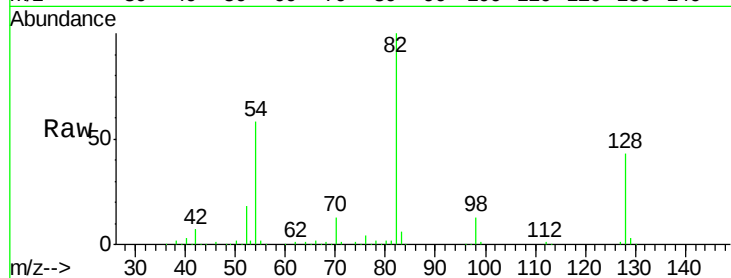
Tot Ion: 82 Resp: 475766

Ion Ratio Lower Upper

82 100

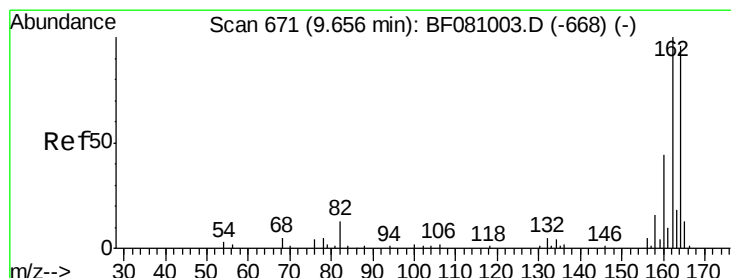
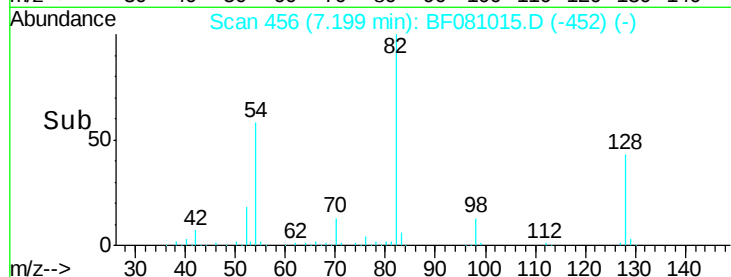
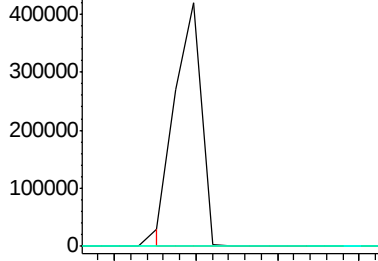
95 0.0 6.2 9.2#

138 0.0 10.5 15.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

7.20



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081015.D

Acq: 17 Aug 2015 21:23

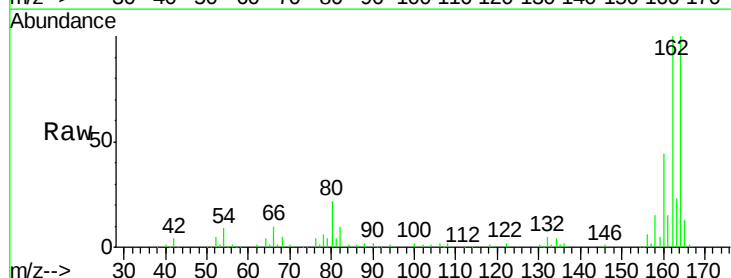
Tgt Ion: 164 Resp: 115091

Ion Ratio Lower Upper

164 100

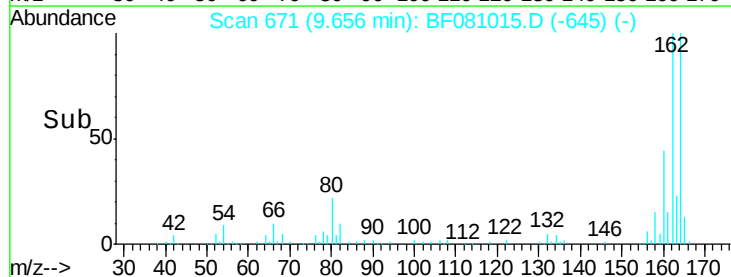
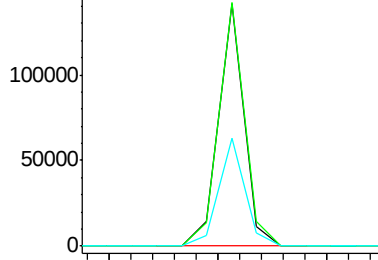
162 100.3 83.8 125.8

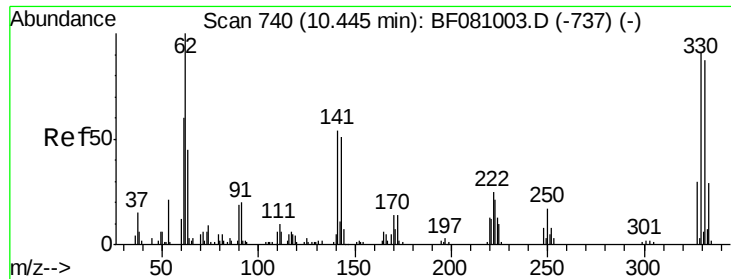
160 44.6 39.8 59.8



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

9.66

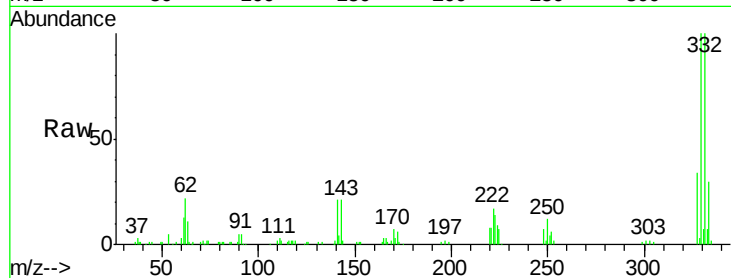




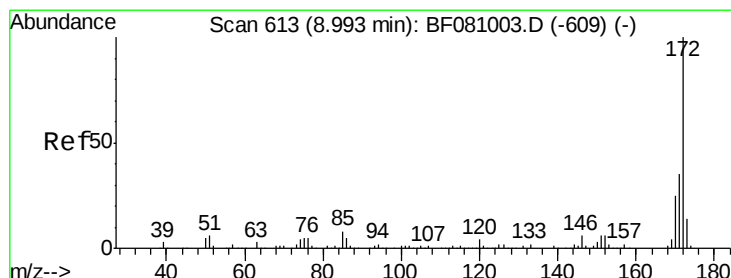
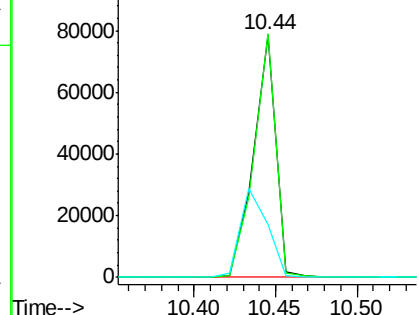
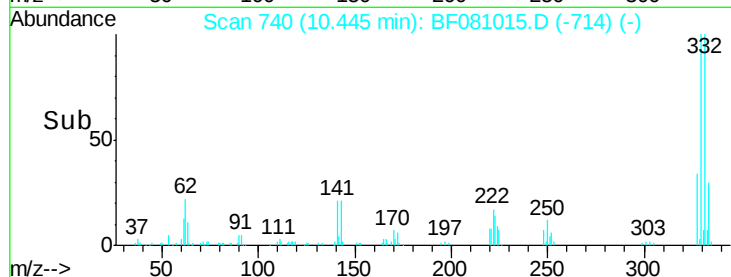
#41
 2,4,6-Tribromophenol
 Concen: 74.74 ng
 RT: 10.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081015.D
 Acq: 17 Aug 2015 21:23

Instrument :
 BNA_F
 ClientSampleId :
 STORM-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	43.7	44.9	67.3#

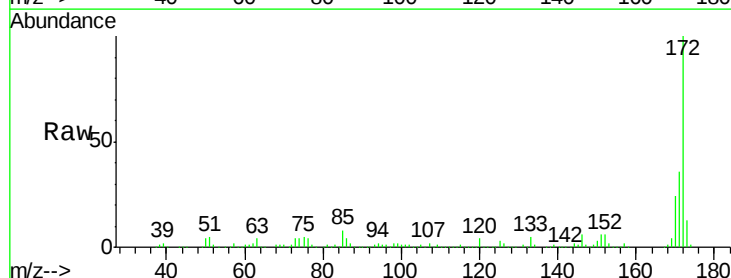


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

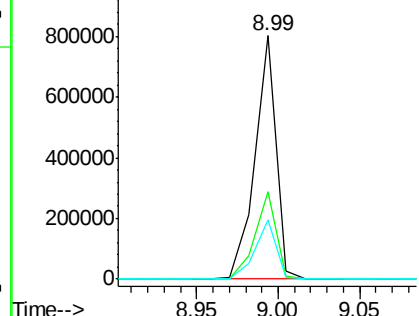
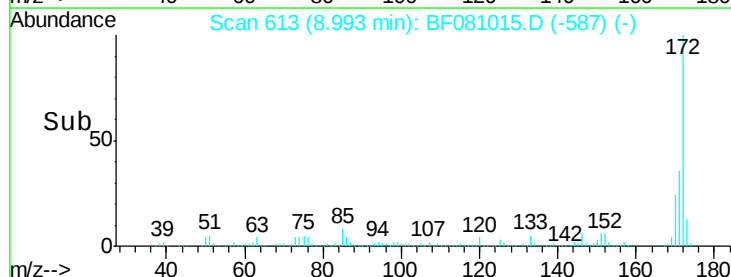


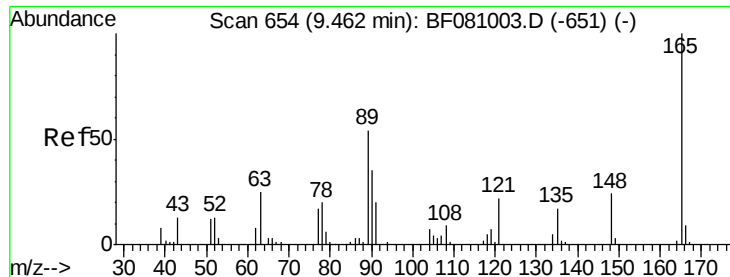
#44
 2-Fluorobiphenyl
 Concen: 82.08 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081015.D
 Acq: 17 Aug 2015 21:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.4	19.4	29.2



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





#50

2,6-Dinitrotoluene

Concen: 7.19 ng

RT: 9.66 min Scan# 671

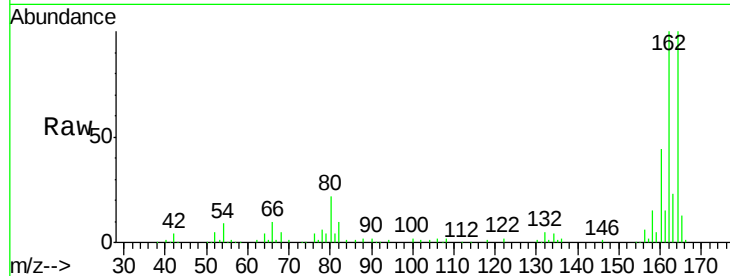
Delta R.T. 0.21 min

Lab File: BF081015.D

Acq: 17 Aug 2015 21:23

Instrument :
BNA_F
ClientSampleId :
STORM-WATER

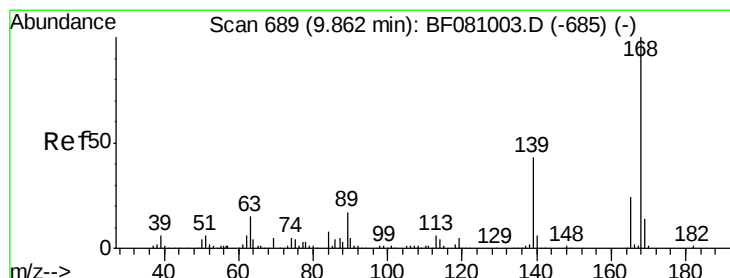
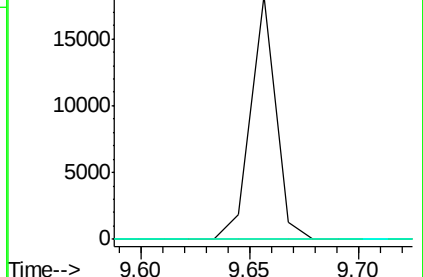
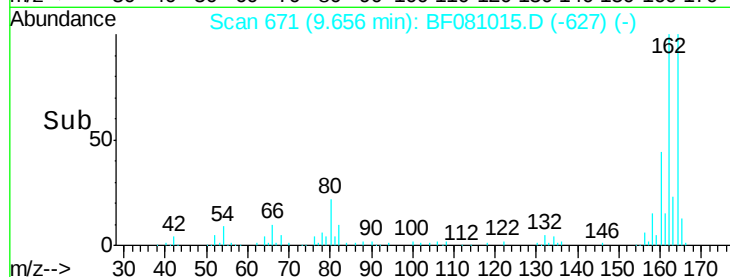
Tot Ion:165	Resp:	14627
Ion Ratio	Lower	Upper
165	100	
63	0.0	49.5 74.3#
89	0.0	47.6 71.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 5.42 ng

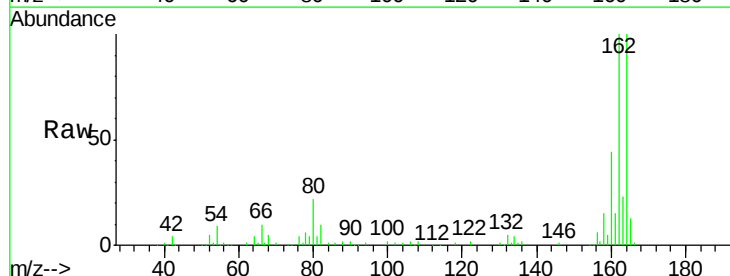
RT: 9.66 min Scan# 671

Delta R.T. -0.19 min

Lab File: BF081015.D

Acq: 17 Aug 2015 21:23

Tgt Ion:165	Resp:	14627
Ion Ratio	Lower	Upper
165	100	
63	0.0	52.2 78.4#
89	0.0	60.1 90.1#
182	0.0	1.8 2.6#

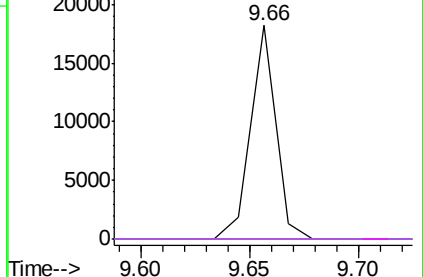
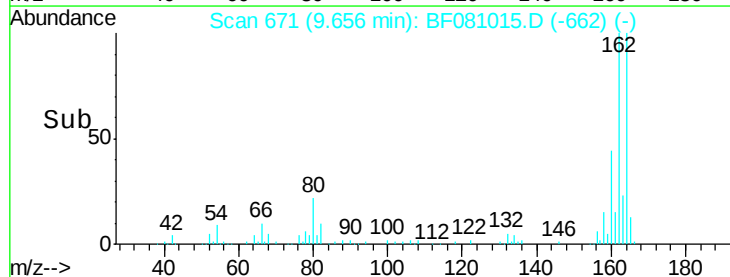


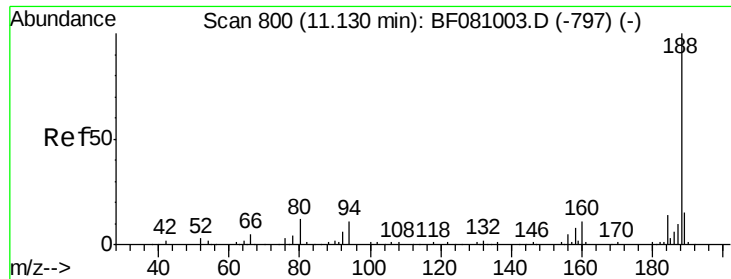
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

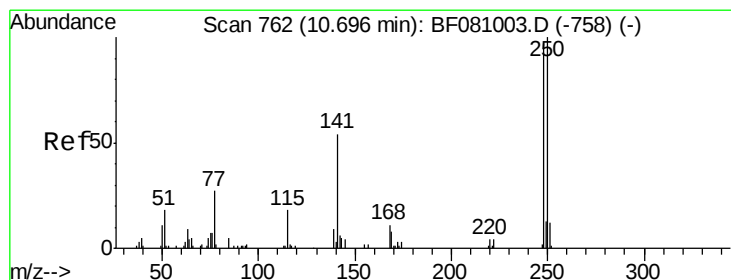
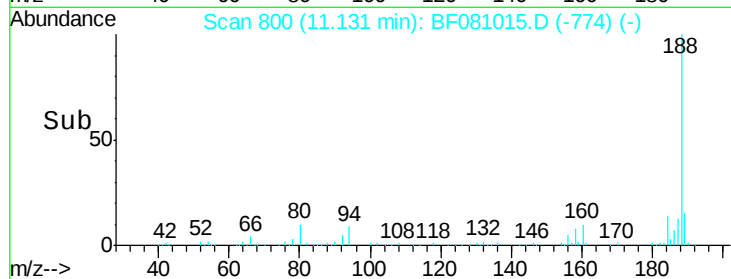
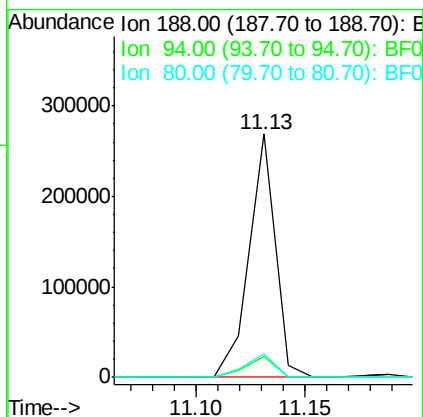
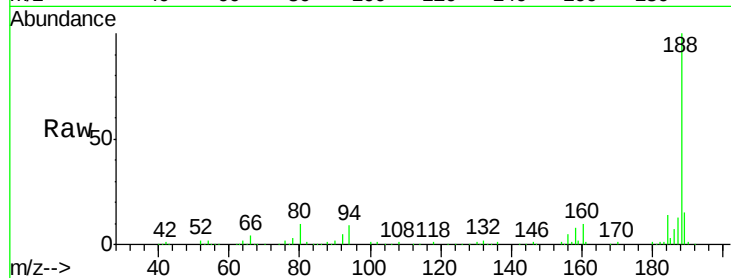




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081015.D
 Acq: 17 Aug 2015 21:23

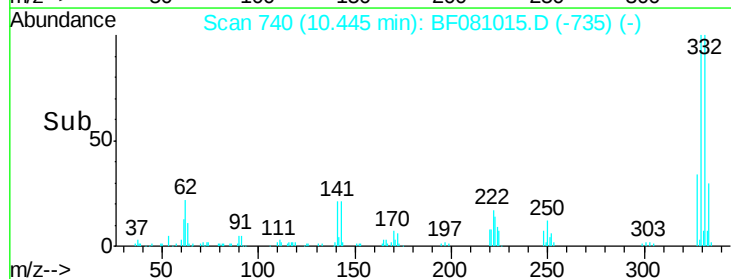
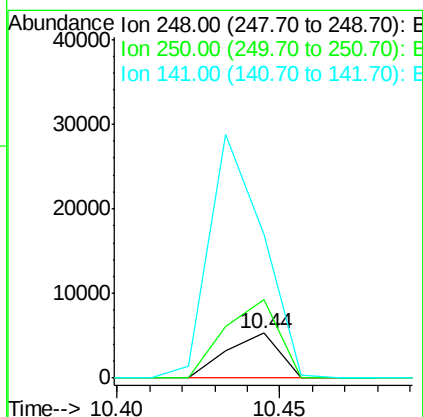
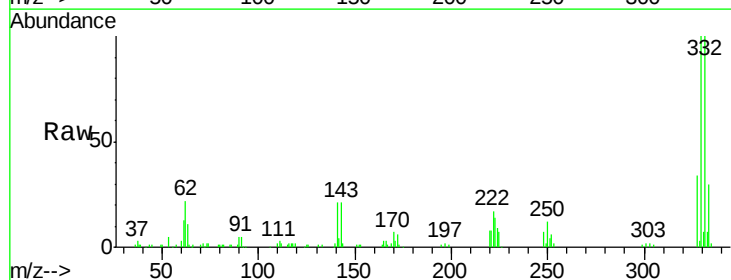
Instrument :
 BNA_F
 ClientSampleId :
 STORM-WATER

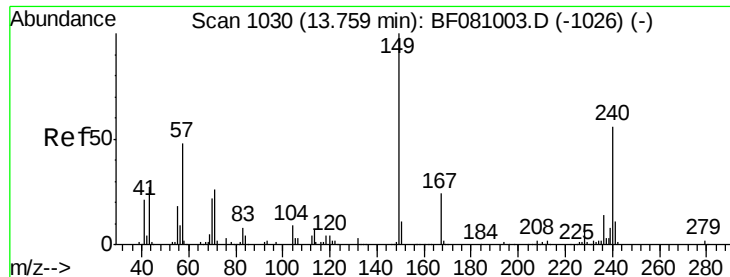
Tot Ion:188 Resp: 224811
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.2 12.2
 80 9.7 9.5 14.3



#66
 4-Bromophenyl-phenylether
 Concen: 2.64 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.24 min
 Lab File: BF081015.D
 Acq: 17 Aug 2015 21:23

Tgt Ion:248 Resp: 5821
 Ion Ratio Lower Upper
 248 100
 250 175.5 77.8 116.6#
 141 321.4 39.8 59.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF081015.D

Acq: 17 Aug 2015 21:23

Instrument :

BNA_F

ClientSampleId :

STORM-WATER

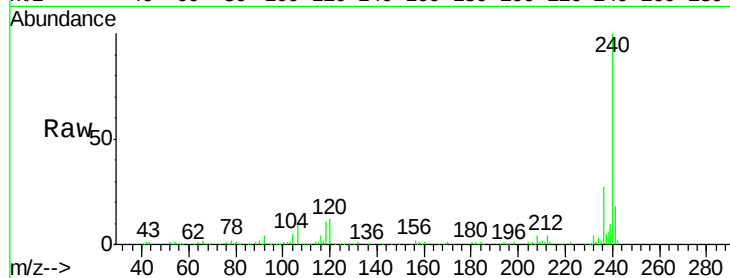
Tot Ion:240 Resp: 181404

Ion Ratio Lower Upper

240 100

120 12.0 5.6 8.4#

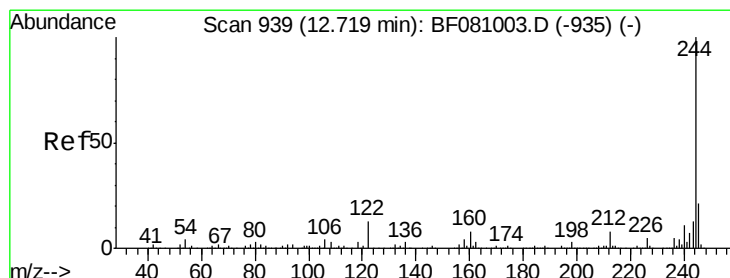
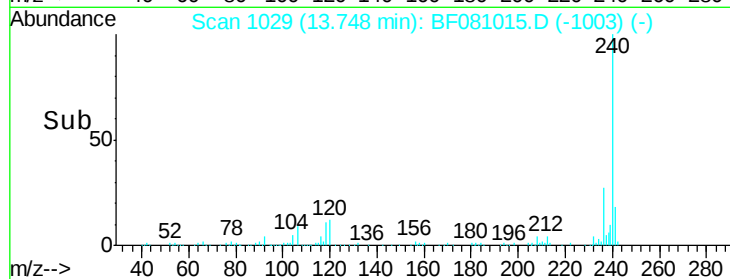
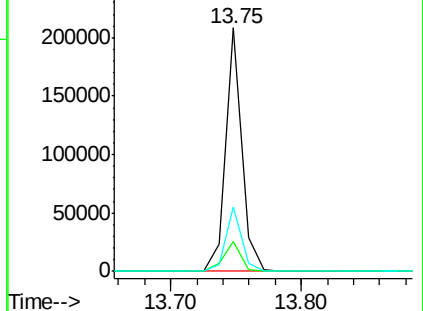
236 26.5 20.6 30.8



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: 71.17 ng

RT: 12.72 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081015.D

Acq: 17 Aug 2015 21:23

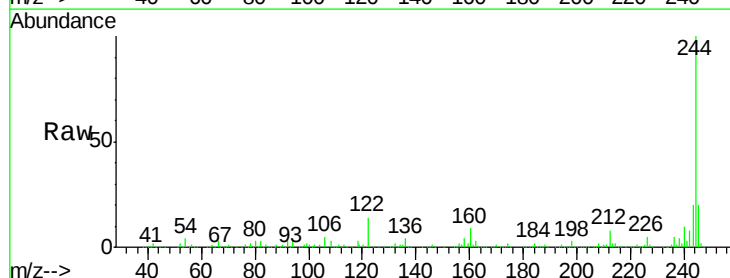
Tgt Ion:244 Resp: 602255

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

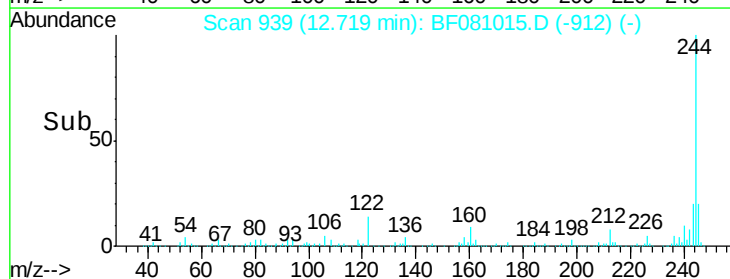
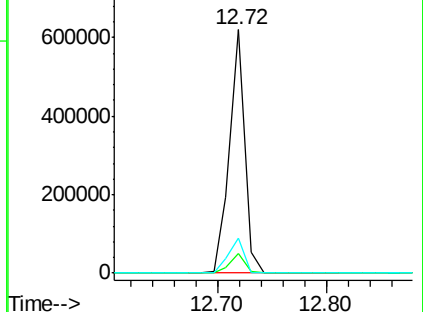
122 14.4 8.2 12.4#

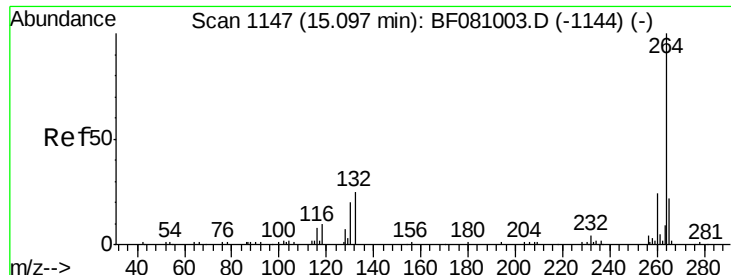


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

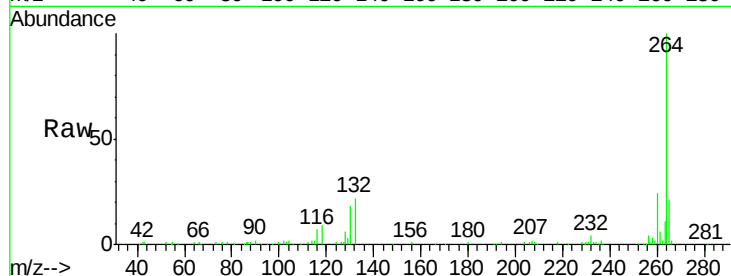




#86
Pervlone-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF081015.D
Acq: 17 Aug 2015 21:23

Instrument :
BNA_F
ClientSampleId :
STORM-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.0	17.5	26.3



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

