

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 01:40:29 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

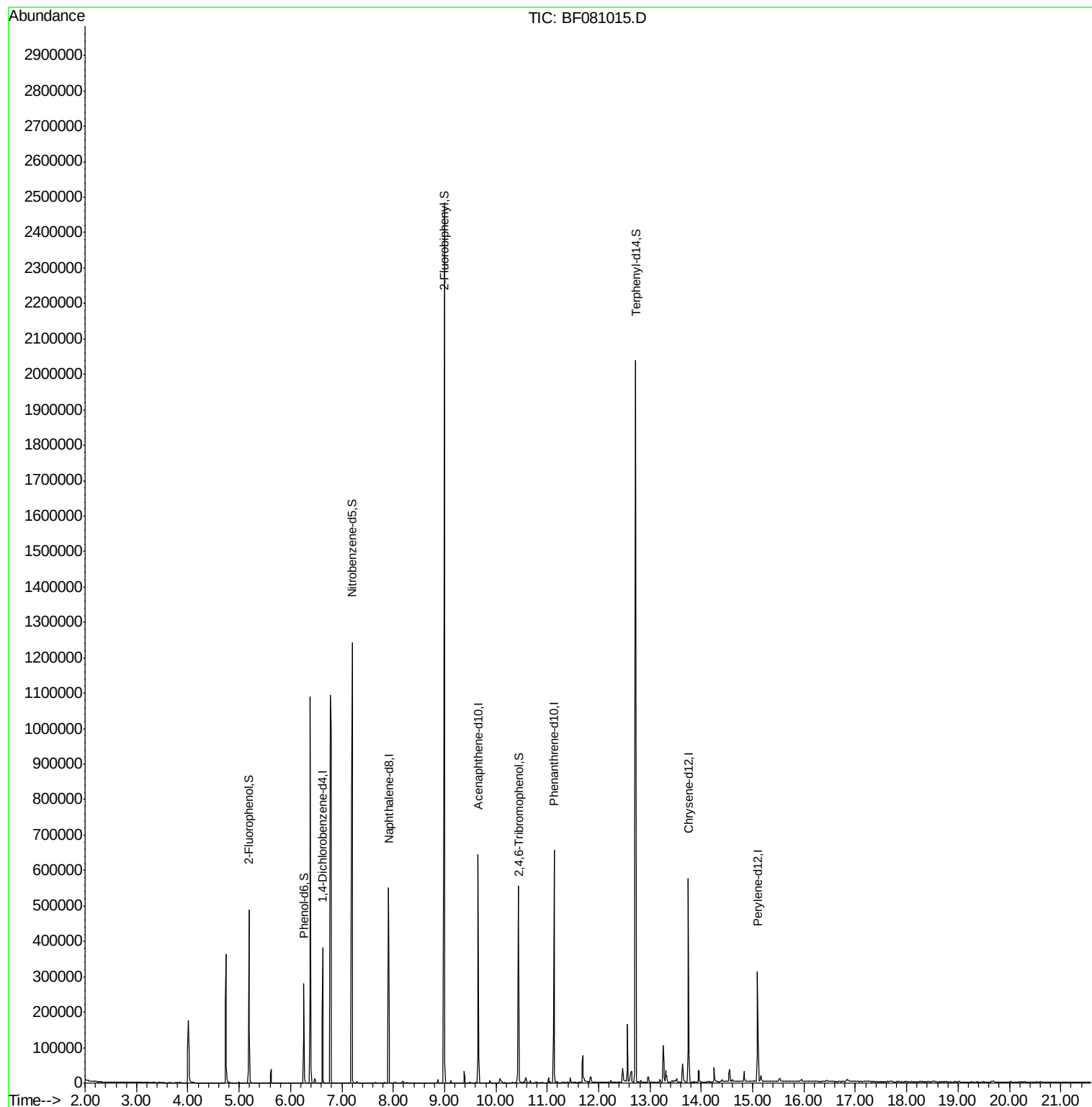
Target Compounds	Qvalue
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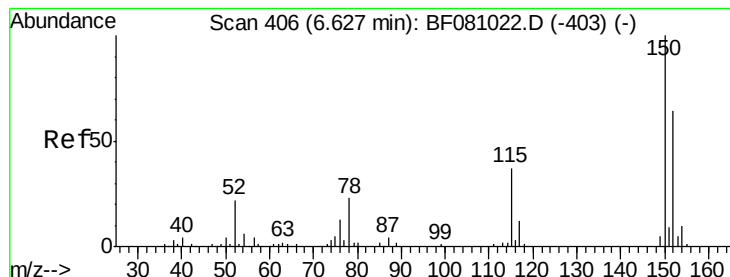
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 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

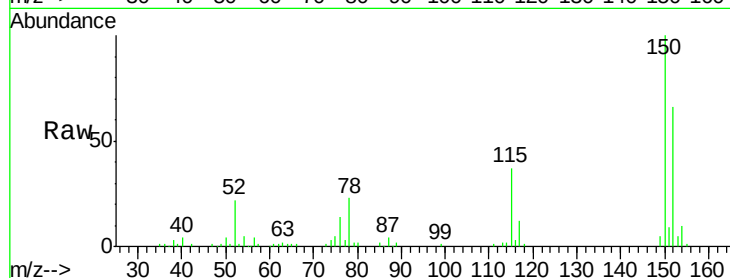
Tgt Ion:152 Resp: 63207

Ion Ratio Lower Upper

152 100

150 151.7 123.8 185.6

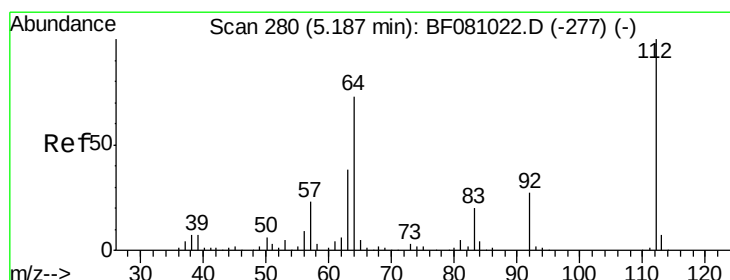
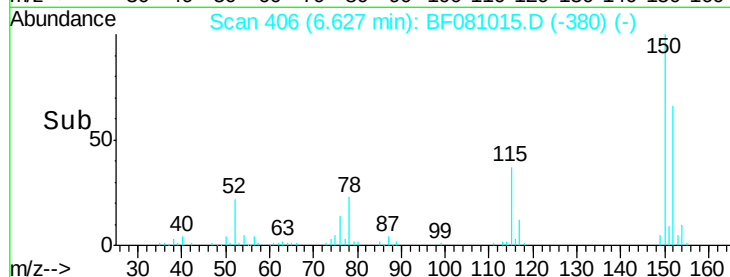
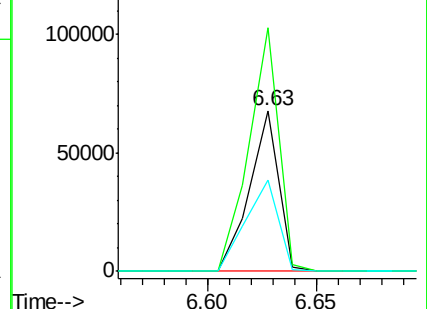
115 56.7 52.1 78.1



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

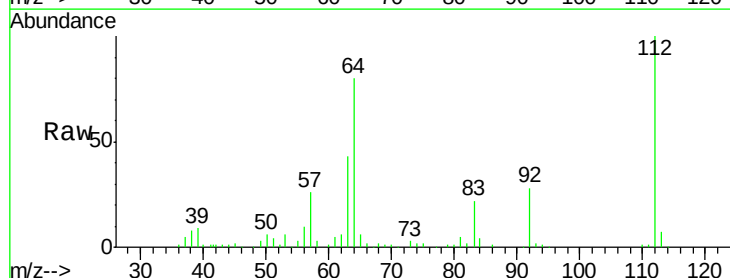
Tgt Ion:112 Resp: 118441

Ion Ratio Lower Upper

112 100

64 80.3 66.9 100.3

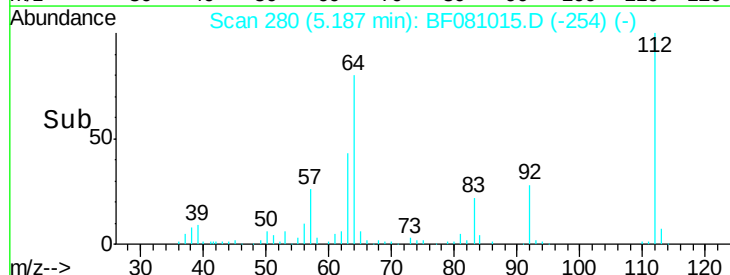
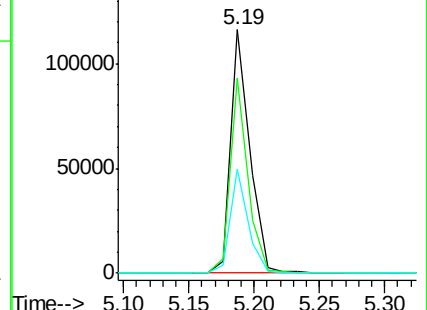
63 42.7 38.1 57.1

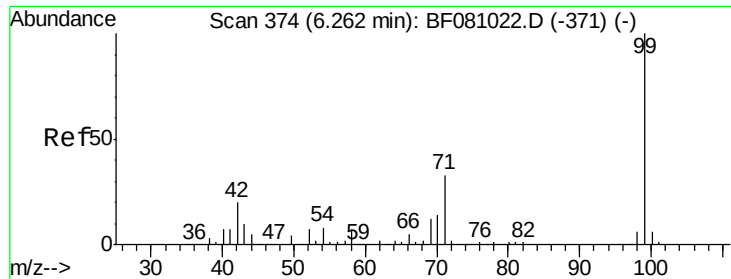


Abundance Ion 112.00 (111.70 to 112.70): E

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

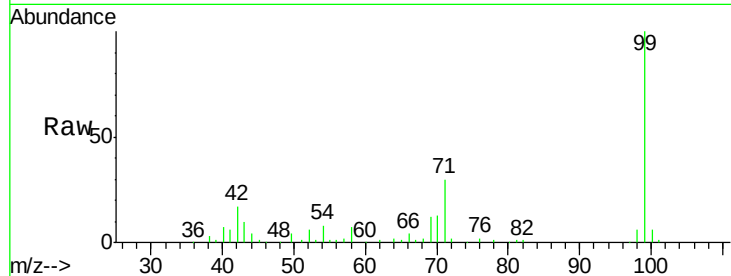
Tgt Ion: 99 Resp: 101702

Ion Ratio Lower Upper

99 100

42 17.3 19.6 29.4#

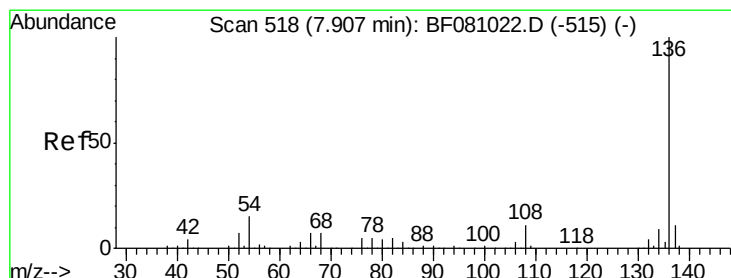
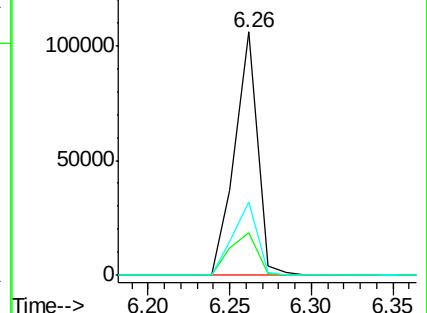
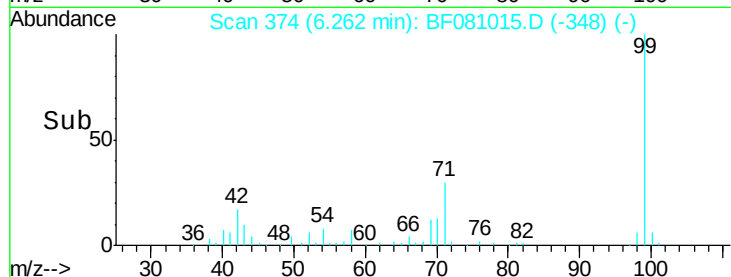
71 30.0 31.2 46.8#



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



#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

Tgt Ion: 136 Resp: 229790

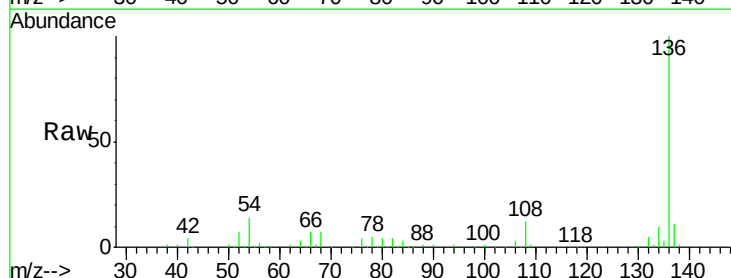
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 14.0 7.7 11.5#

68 7.0 3.4 5.2#

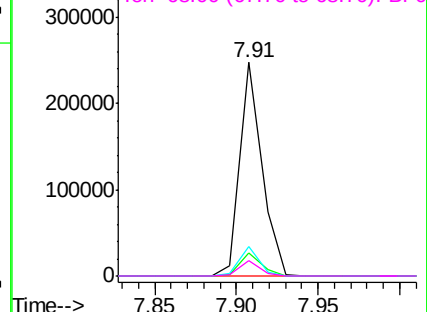
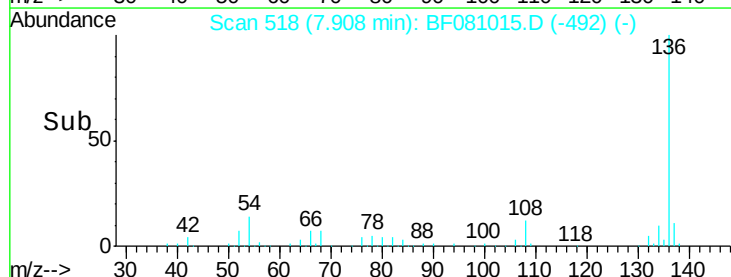


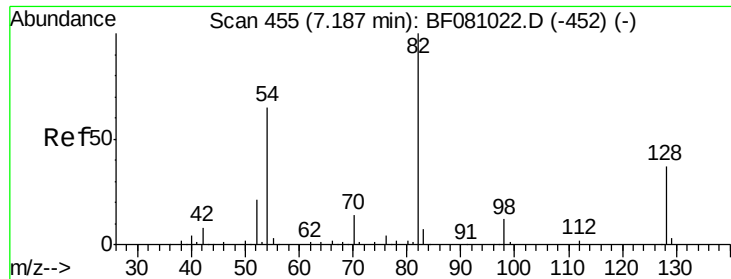
Abundance Ion 136.00 (135.70 to 136.70): E

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

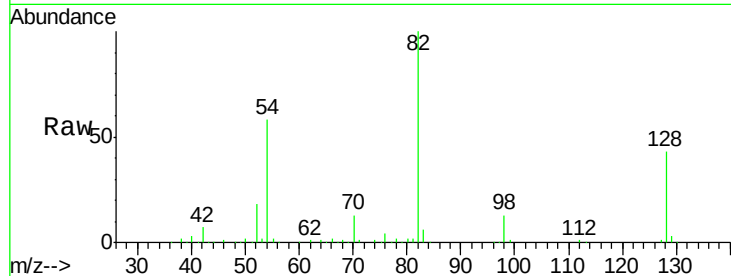




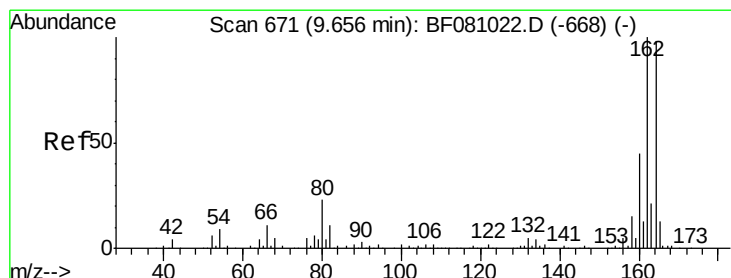
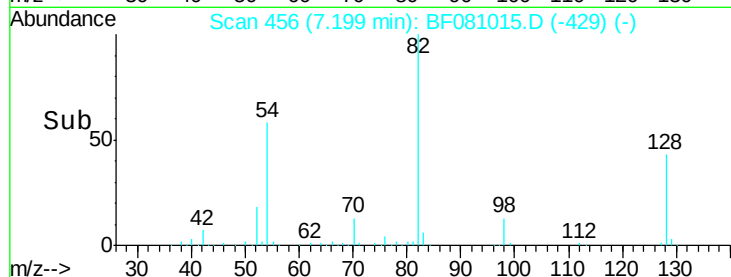
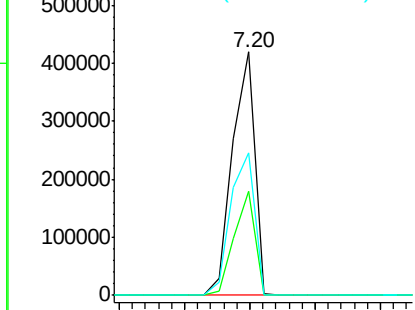
#23
 Nitrobenzene-d5
 Concen: 98.66 ng
 RT: 7.20 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF081015.D
 Acq: 17 Aug 2015 21:23

Instrument :
 BNA_F
 ClientSampleId :
 STORM-WATER

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

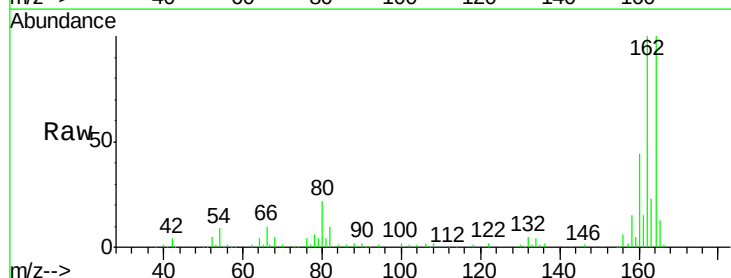


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

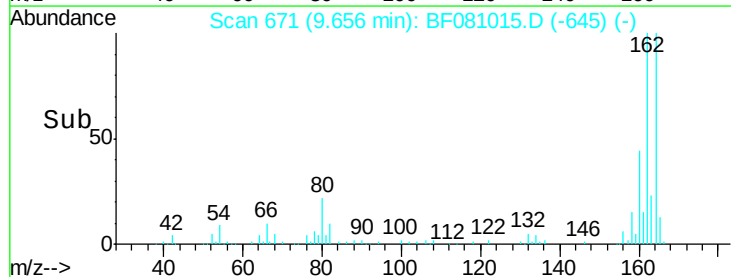
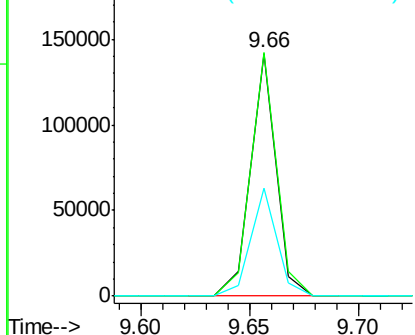


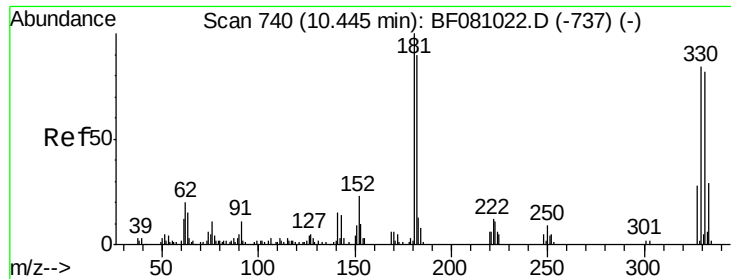
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF081015.D
 Acq: 17 Aug 2015 21:23

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





#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

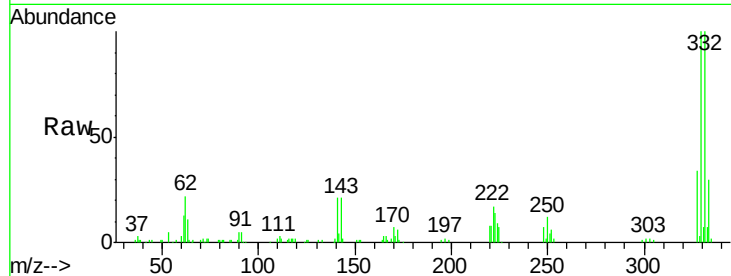
Tgt Ion:330 Resp: 74564

Ion Ratio Lower Upper

330 100

332 98.5 77.3 115.9

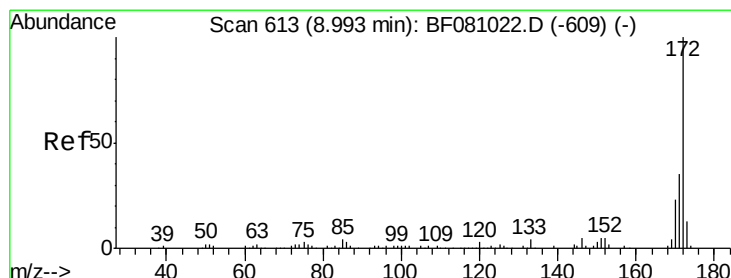
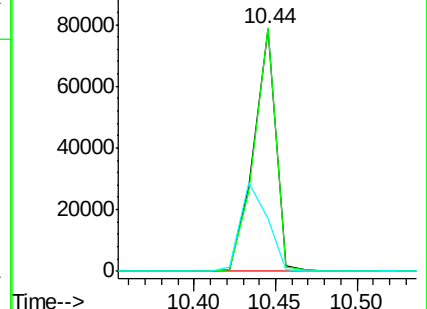
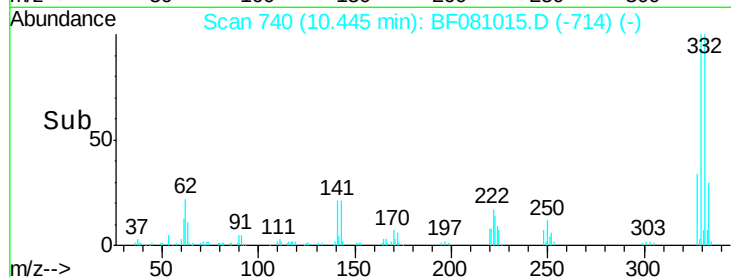
141 43.7 44.9 67.3#



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

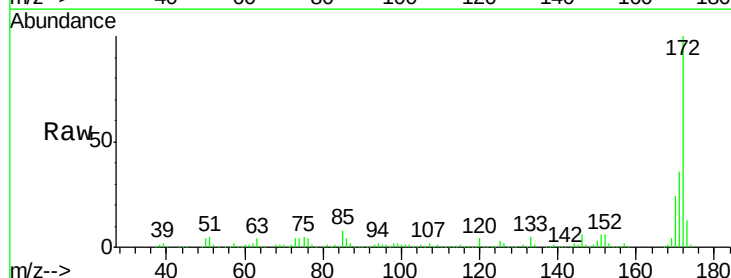
Tgt Ion:172 Resp: 720992

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

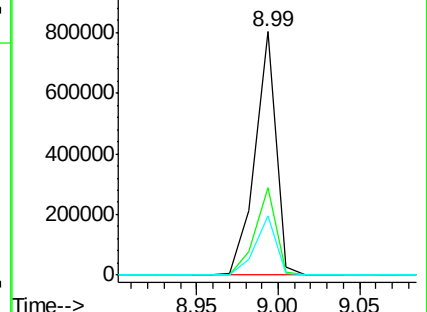
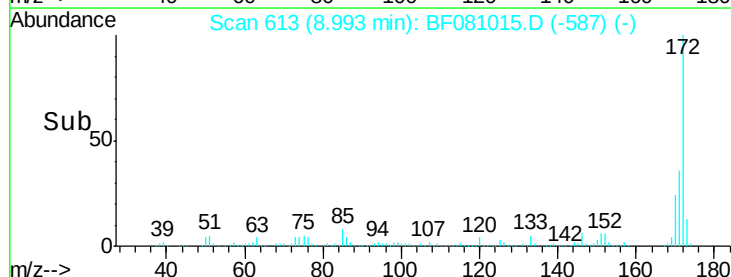
170 24.4 19.4 29.2

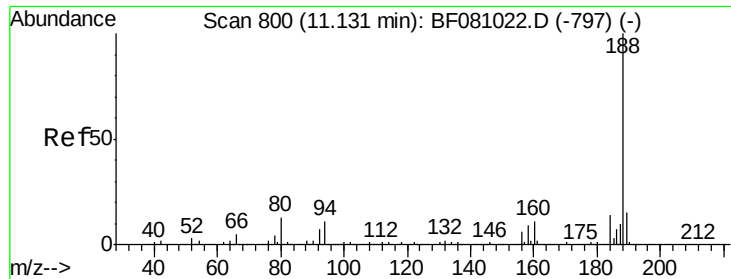


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

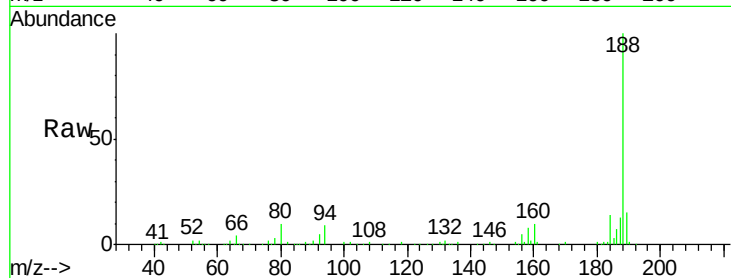




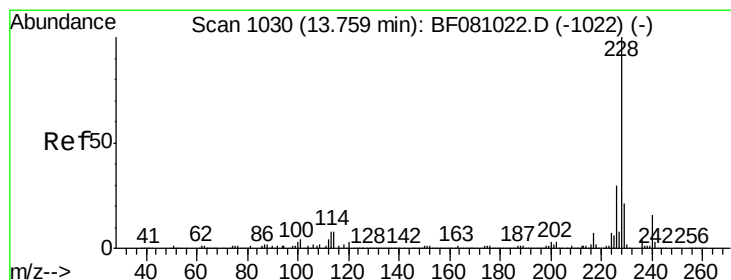
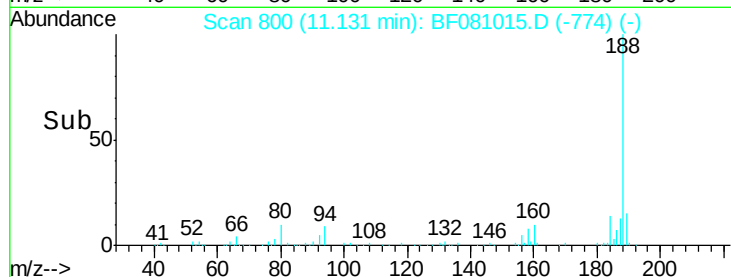
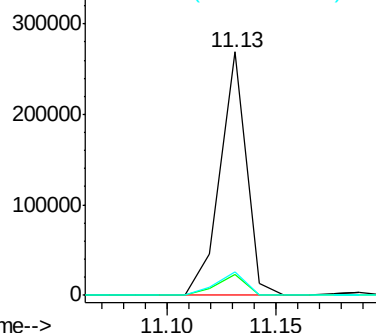
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081015.D
Acq: 17 Aug 2015 21:23

Instrument :
BNA_F
ClientSampleId :
STORM-WATER

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

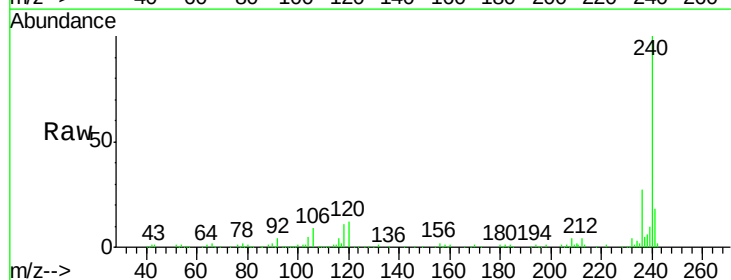


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

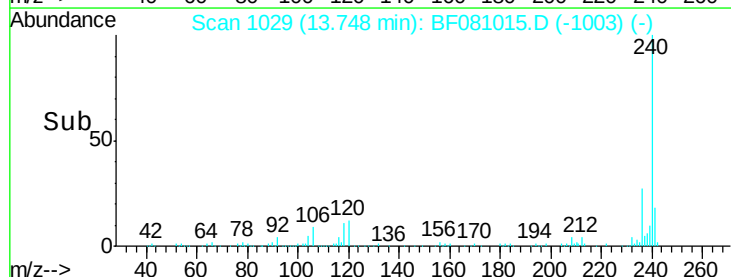
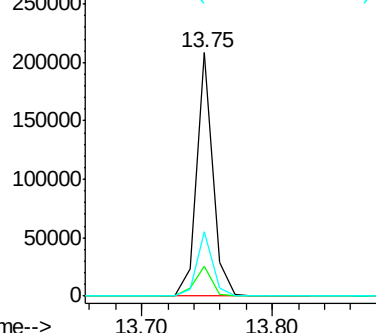


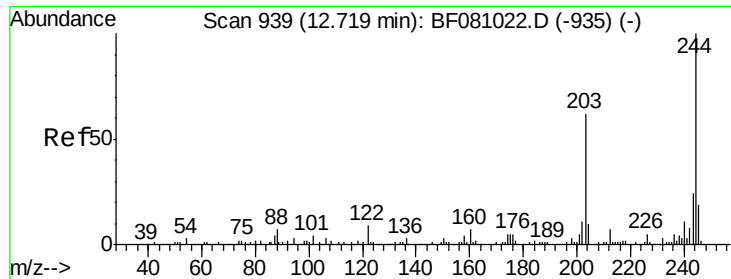
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF081015.D
Acq: 17 Aug 2015 21:23

Tgt 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

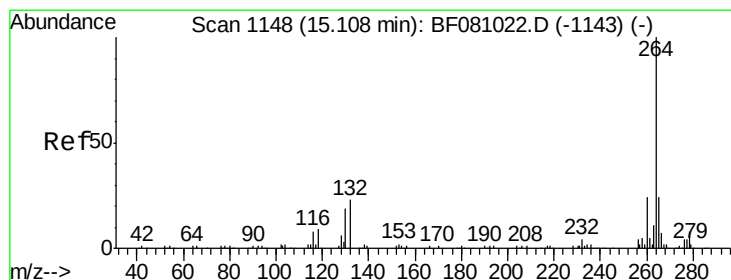
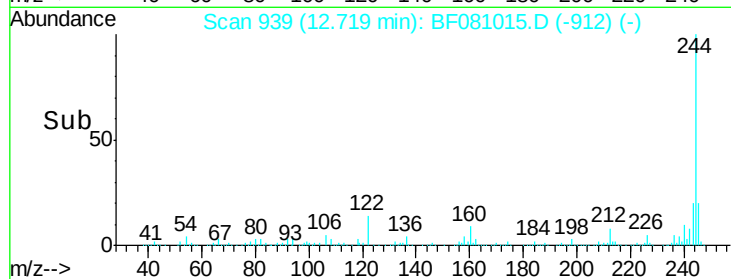
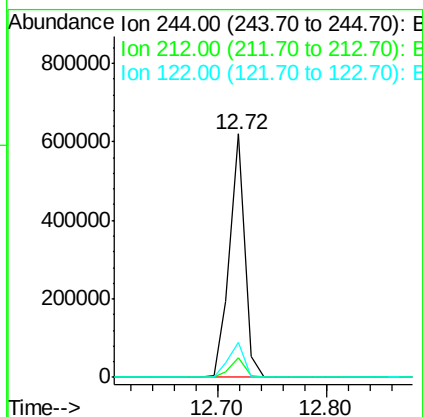
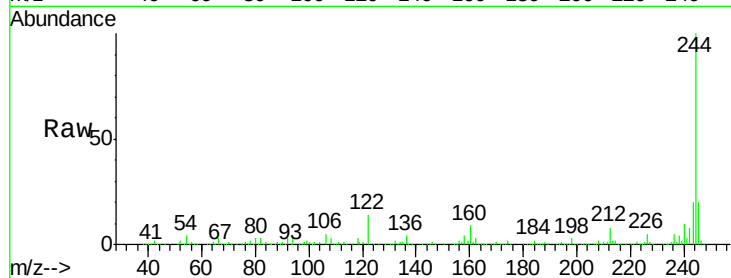




#78
 Terphenyl-d14
 Concen: 71.17 ng
 RT: 12.72 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081015.D
 Acq: 17 Aug 2015 21:23

Instrument :
 BNA_F
 ClientSampleId :
 STORM-WATER

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#



#86
 Perylene-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

Tgt Ion:264 Resp: 129278
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.0 17.5 26.3

