

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081914.D
 Acq On : 30 Sep 2015 21:19
 Operator : UM/IZ
 Sample : G3668-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-02(EAST)

Quant Time: Oct 01 03:53:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

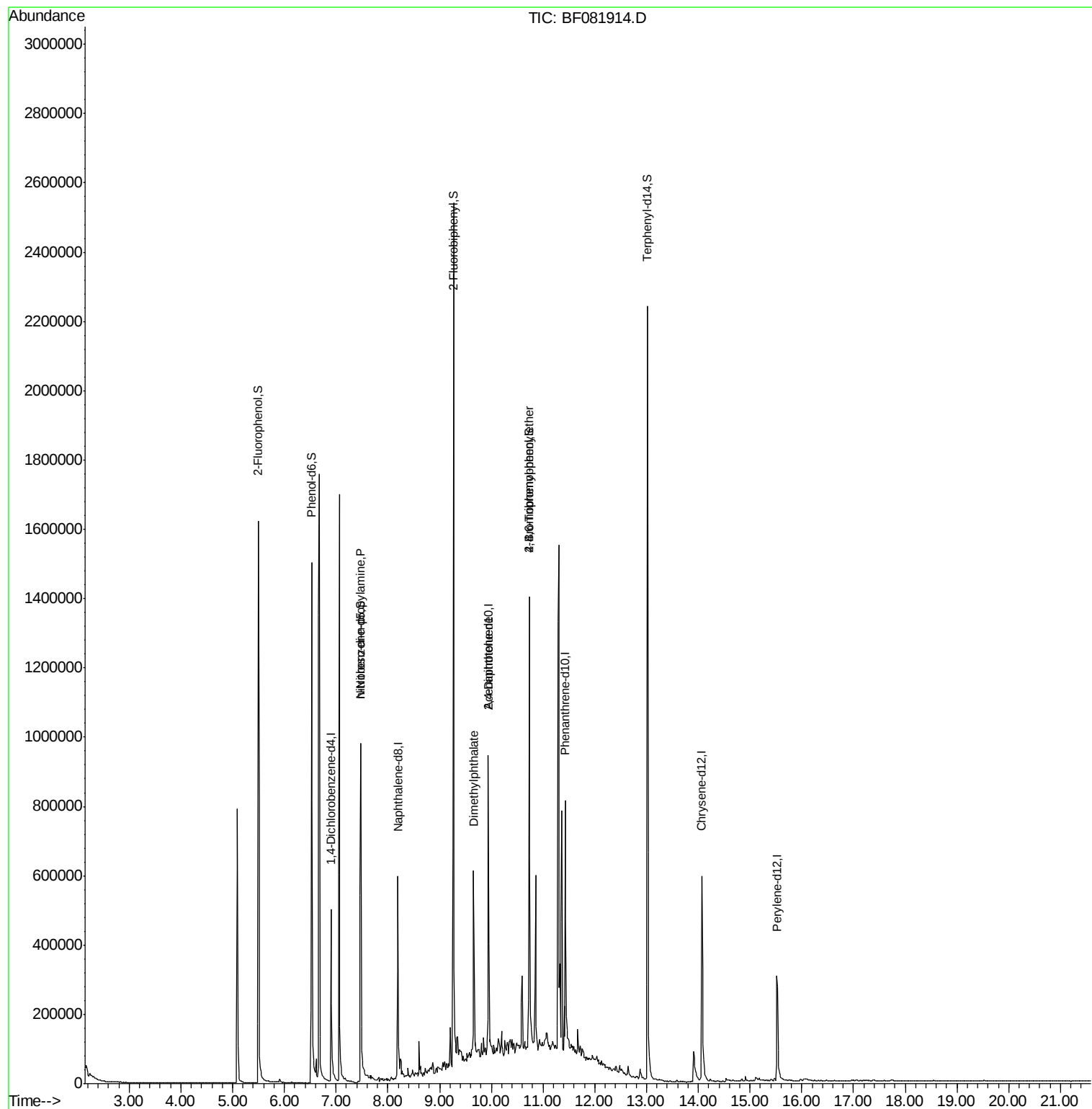
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	109730	20.00	ng	-0.03
21) Naphthalene-d8	8.19	136	419474	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	202708	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	389369	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	317737	20.00	ng	-0.05
86) Perylene-d12	15.52	264	227628	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	593441	98.18	ng	-0.02
7) Phenol-d6	6.53	99	770896	101.35	ng	-0.03
23) Nitrobenzene-d5	7.47	82	510733	81.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	203526	99.14	ng	-0.03
44) 2-Fluorobiphenyl	9.27	172	922690	74.33	ng	-0.03
78) Terphenyl-d14	13.02	244	823374	83.21	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	62727	13.57	ng	# 55
49) Dimethylphthalate	9.66	163	204224	14.60	ng	# 97
56) 2,4-Dinitrotoluene	9.94	165	27397	7.07	ng	# 34
57) Fluorene	10.49	166	1538	Below Cal	#	7
66) 4-Bromophenyl-phenylether	10.73	248	13023	3.32	ng	# 1
70) Phenanthrene	11.45	178	8717	Below Cal	#	85
73) Di-n-butylphthalate	11.99	149	3604	Below Cal	#	90

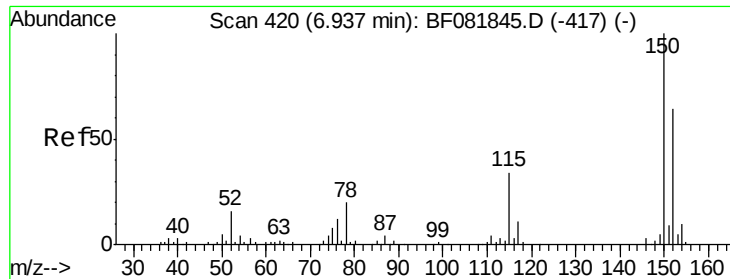
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081914.D

Acq: 30 Sep 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SS-02(EAST)

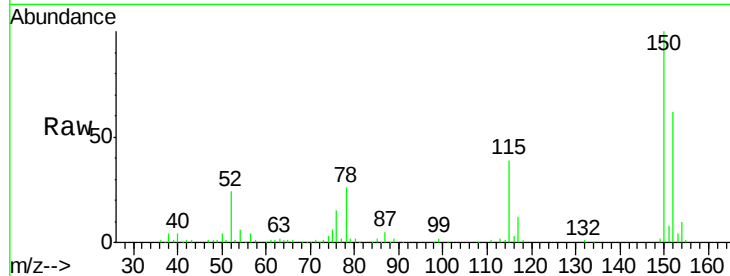
Tgt Ion:152 Resp: 109730

Ion Ratio Lower Upper

152 100

150 160.5 124.7 187.1

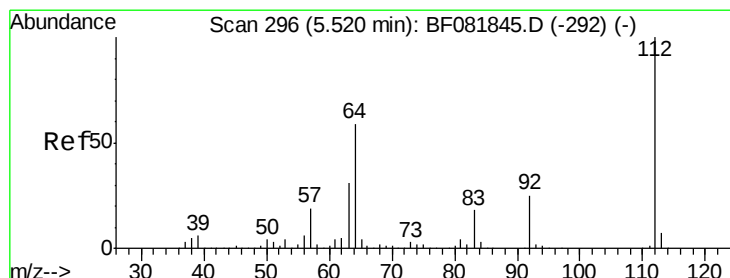
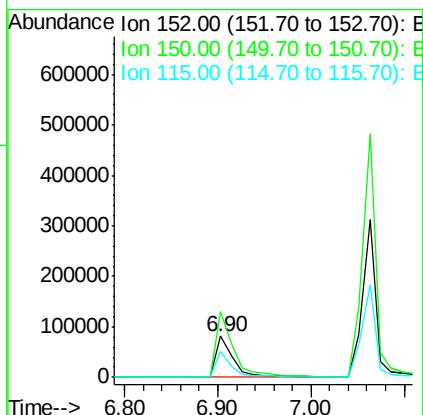
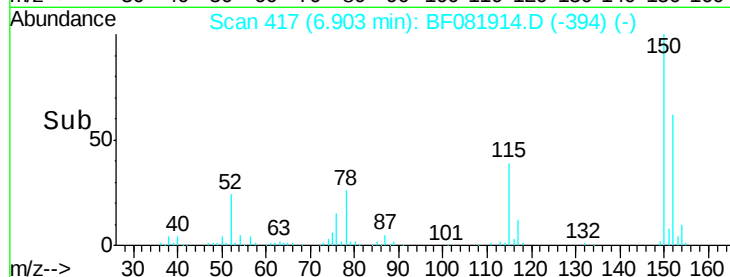
115 62.2 39.0 58.4#



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: 98.18 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081914.D

Acq: 30 Sep 2015 21:19

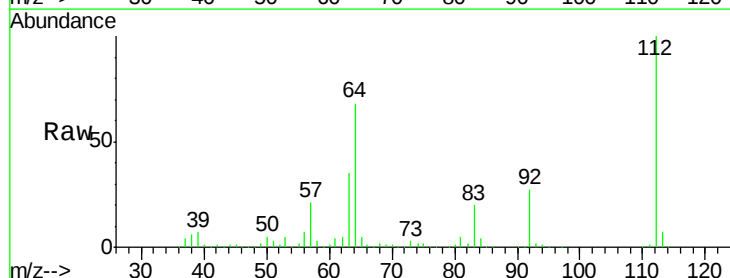
Tgt Ion:112 Resp: 593441

Ion Ratio Lower Upper

112 100

64 67.7 39.7 59.5#

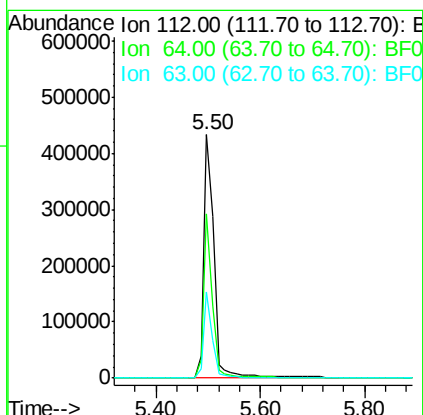
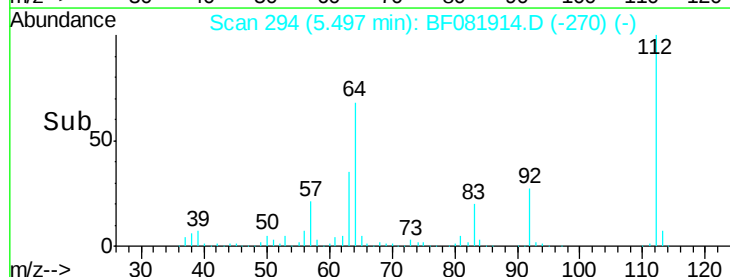
63 35.3 17.4 26.0#

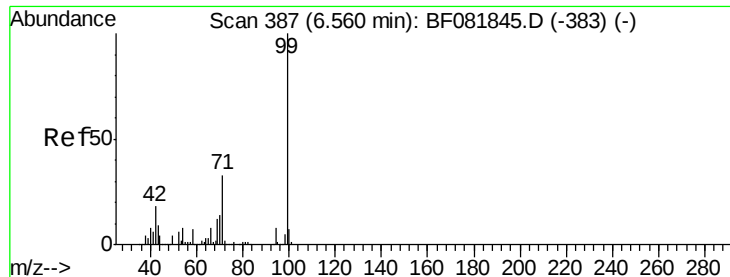


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.35 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081914.D

Acq: 30 Sep 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SS-02(EAST)

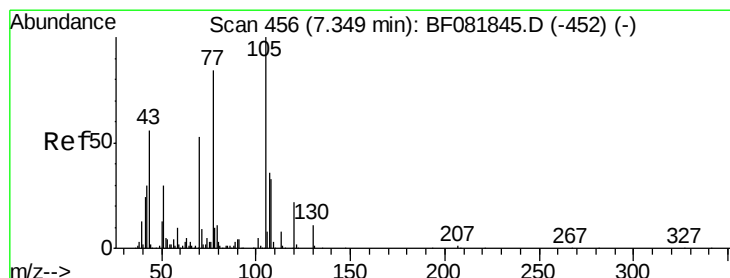
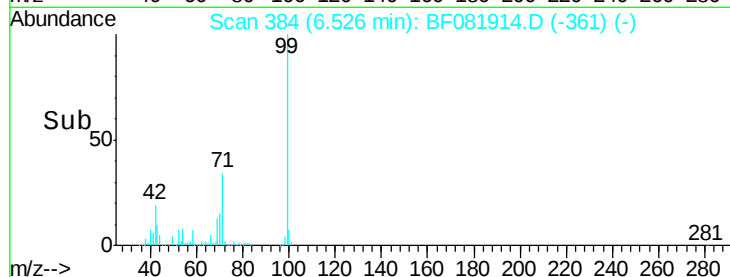
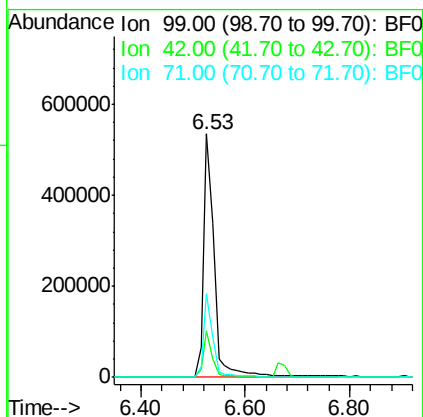
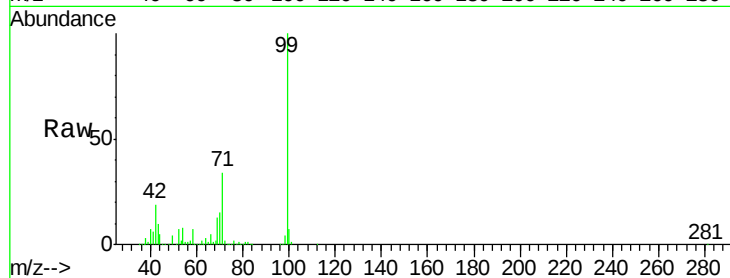
Tgt Ion: 99 Resp: 770896

Ion Ratio Lower Upper

99 100

42 19.3 13.7 20.5

71 34.1 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.57 ng

RT: 7.47 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081914.D

Acq: 30 Sep 2015 21:19

Tgt Ion: 70 Resp: 62727

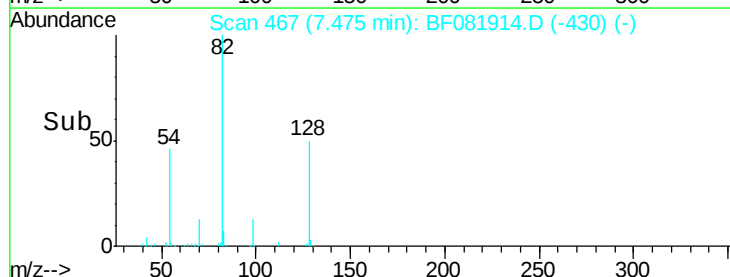
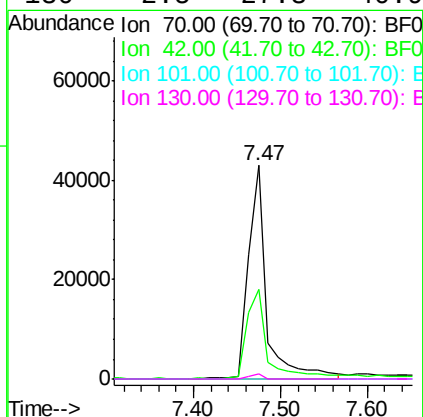
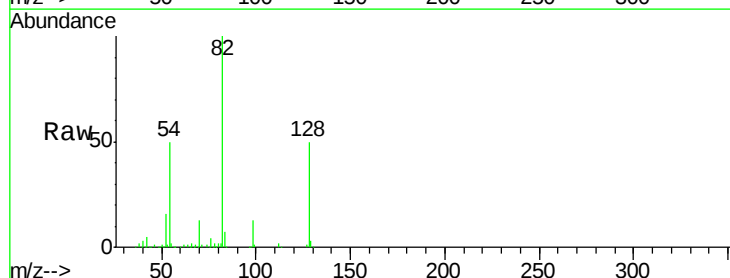
Ion Ratio Lower Upper

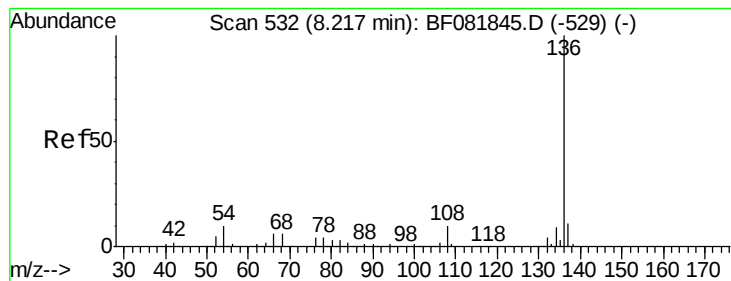
70 100

42 41.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.5 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF081914.D

Acq: 30 Sep 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SS-02(EAST)

Tgt Ion:136 Resp: 419474

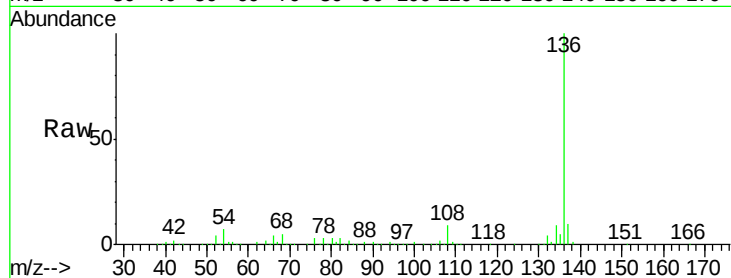
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 6.7 8.2 12.2#

68 4.8 5.8 8.6#

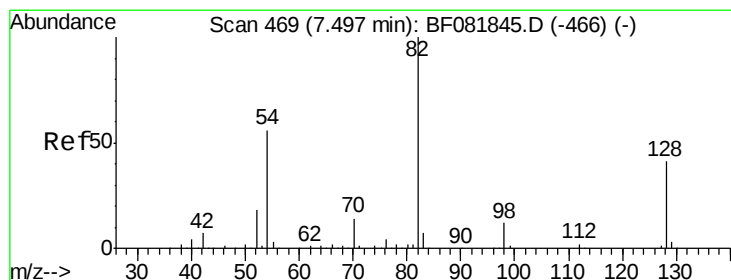
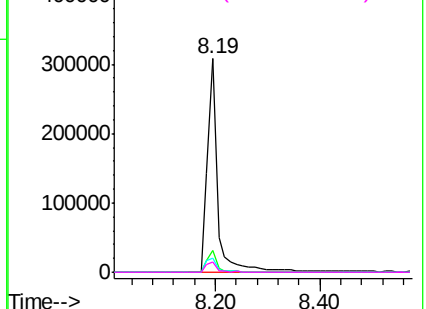
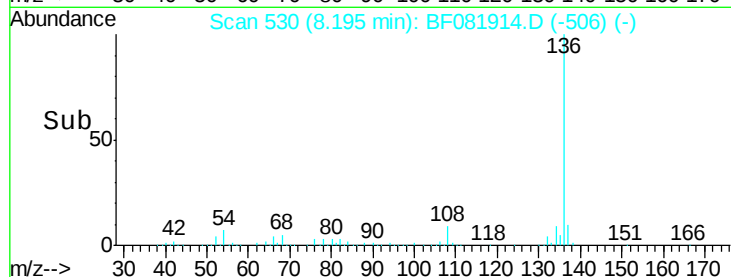


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.16 ng

RT: 7.47 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF081914.D

Acq: 30 Sep 2015 21:19

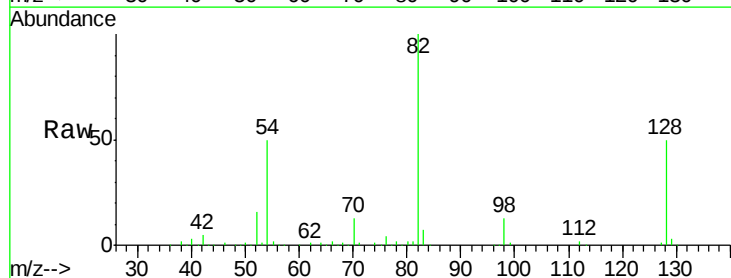
Tgt Ion: 82 Resp: 510733

Ion Ratio Lower Upper

82 100

128 49.7 51.0 76.6#

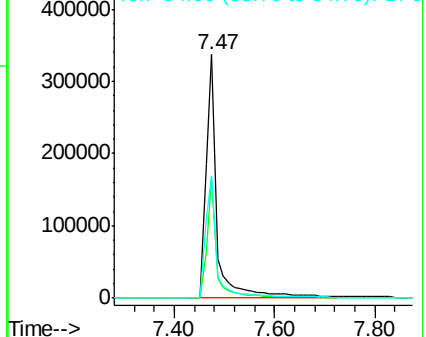
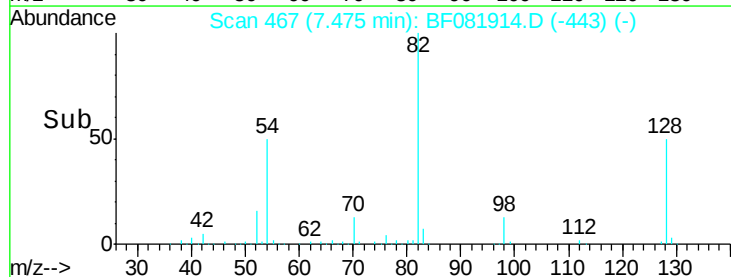
54 49.9 47.5 71.3

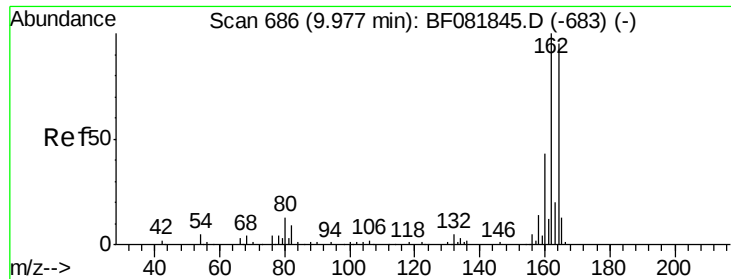


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

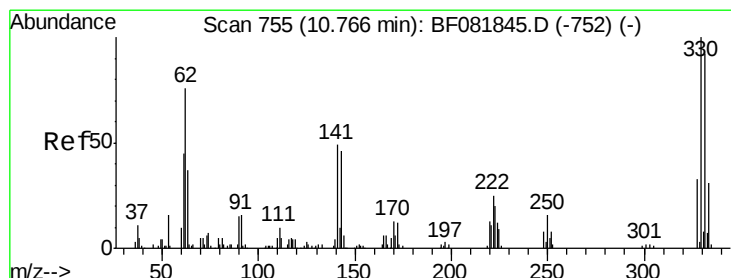
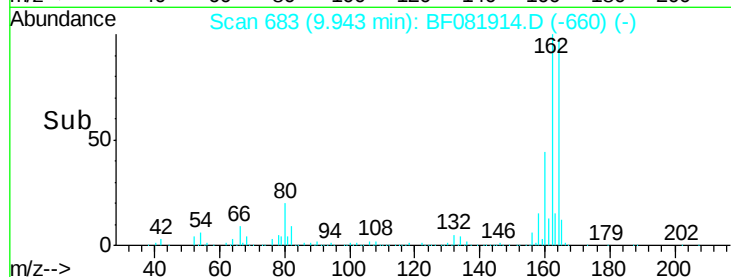
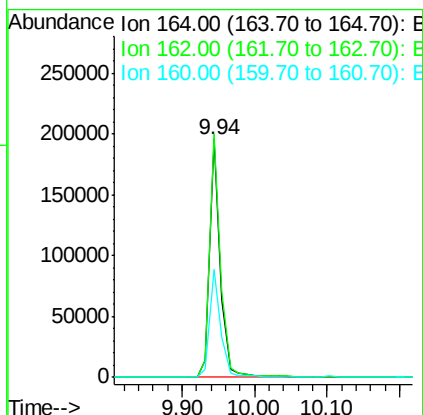
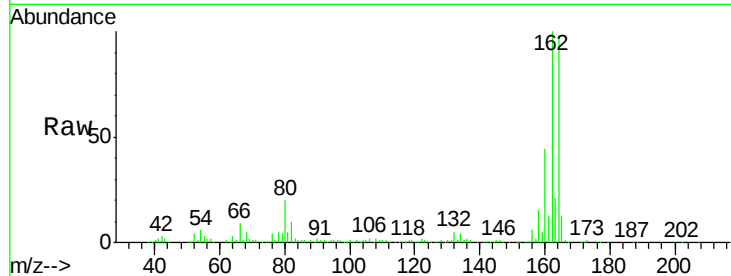




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081914.D
Acq: 30 Sep 2015 21:19

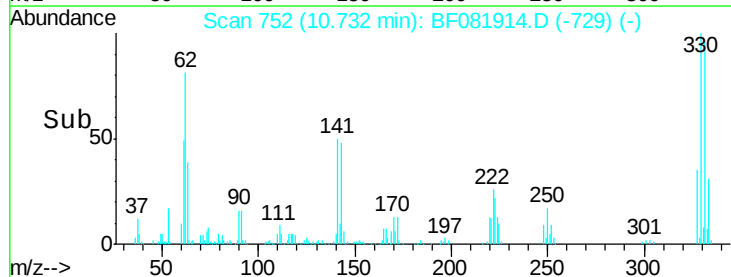
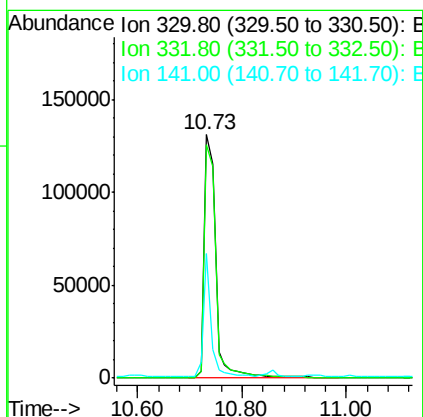
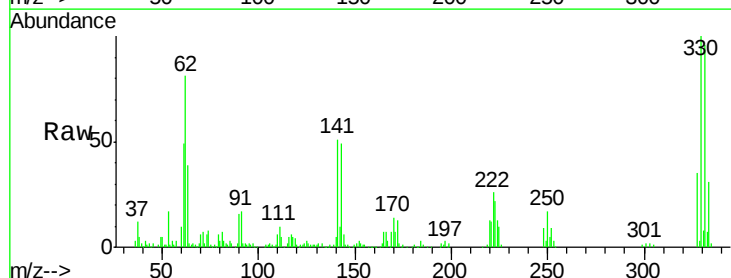
Instrument :
BNA_F
ClientSampleId :
SS-02(EAST)

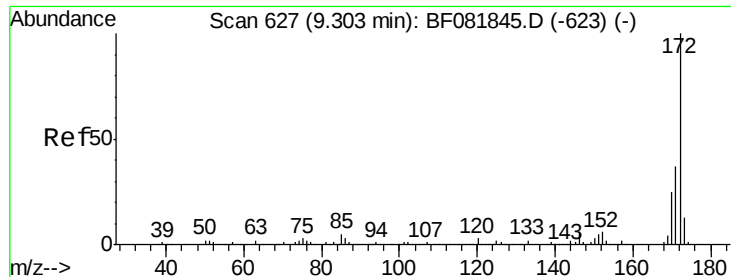
Tgt Ion:164 Resp: 202708
Ion Ratio Lower Upper
164 100
162 102.4 75.2 112.8
160 45.3 31.5 47.3



#41
2,4,6-Tribromophenol
Concen: 99.14 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF081914.D
Acq: 30 Sep 2015 21:19

Tgt Ion:330 Resp: 203526
Ion Ratio Lower Upper
330 100
332 97.6 76.6 114.8
141 33.9 29.7 44.5

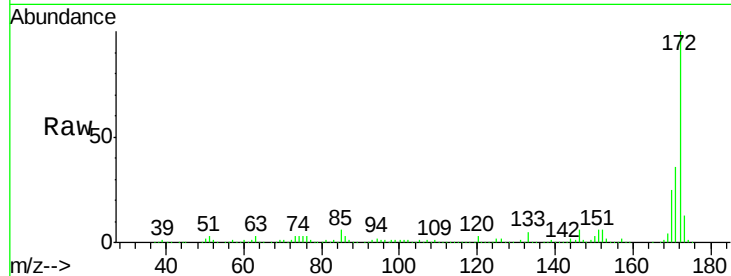




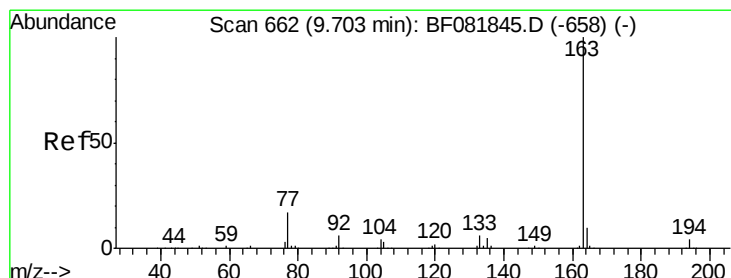
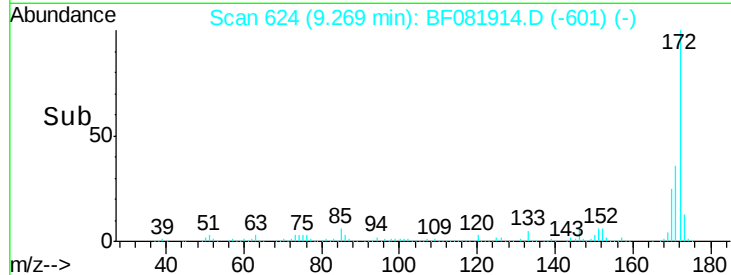
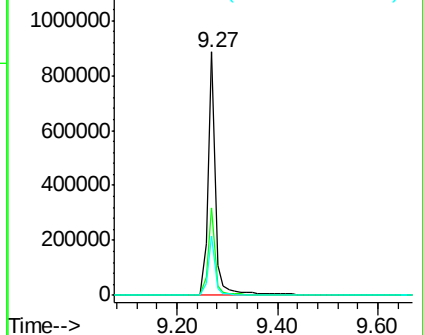
#44
 2-Fluorobiphenyl
 Concen: 74.33 ng
 RT: 9.27 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF081914.D
 Acq: 30 Sep 2015 21:19

Instrument :
 BNA_F
 ClientSampleId :
 SS-02(EAST)

Tgt Ion:172 Resp: 922690
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.5 17.4 26.2

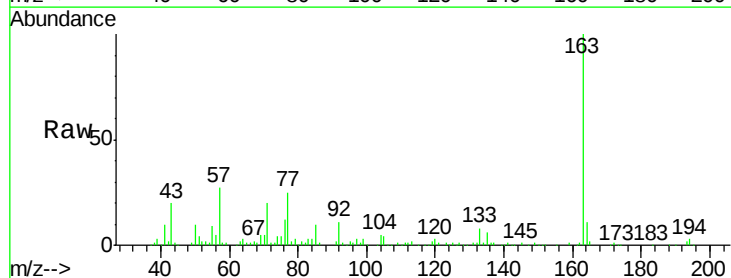


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

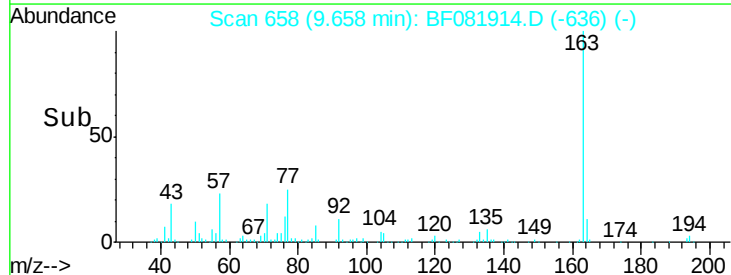
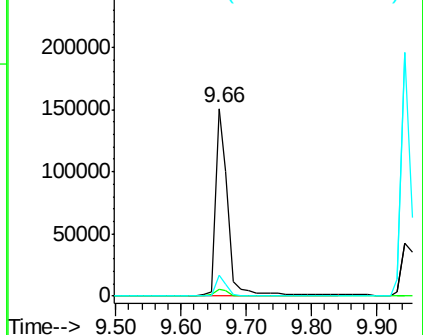


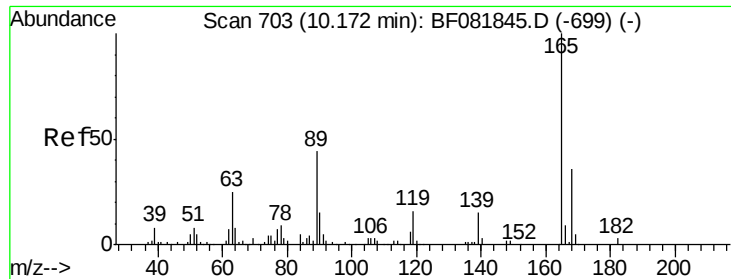
#49
 Dimethylphthalate
 Concen: 14.60 ng
 RT: 9.66 min Scan# 658
 Delta R.T. -0.05 min
 Lab File: BF081914.D
 Acq: 30 Sep 2015 21:19

Tgt Ion:163 Resp: 204224
 Ion Ratio Lower Upper
 163 100
 194 3.4 4.4 6.6#
 164 10.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

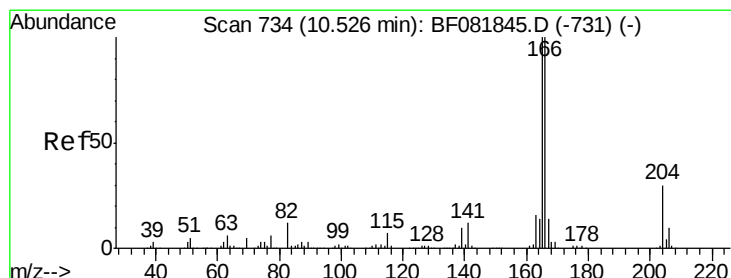
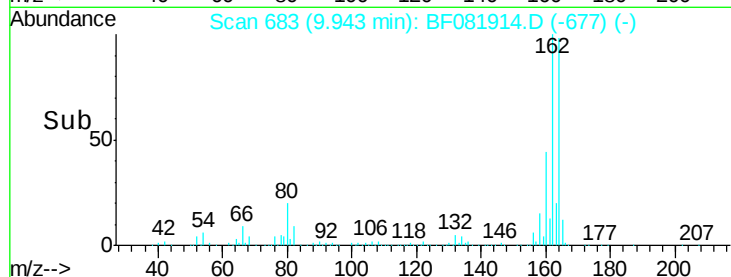
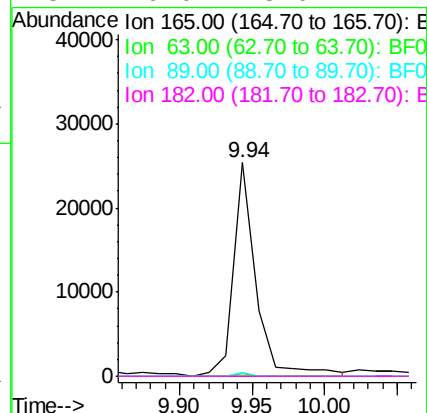
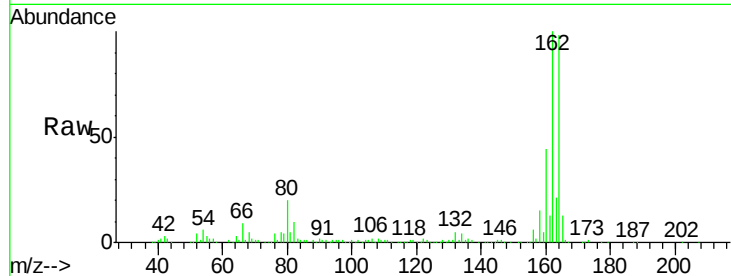




#56
 2,4-Dinitrotoluene
 Concen: 7.07 ng
 RT: 9.94 min Scan# 683
 Delta R.T. -0.23 min
 Lab File: BF081914.D
 Acq: 30 Sep 2015 21:19

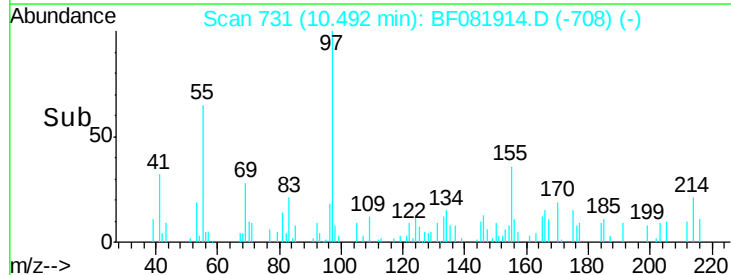
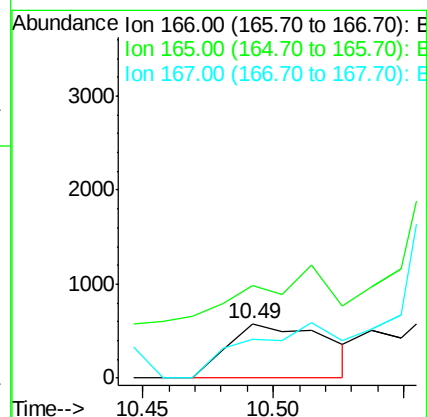
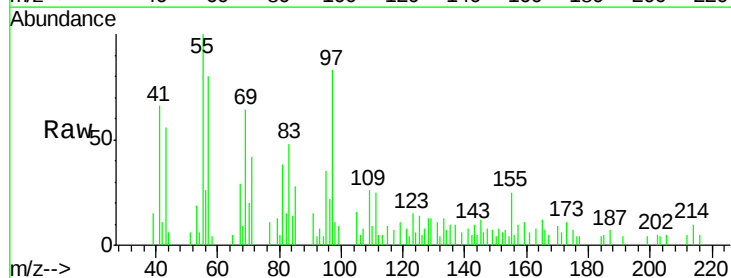
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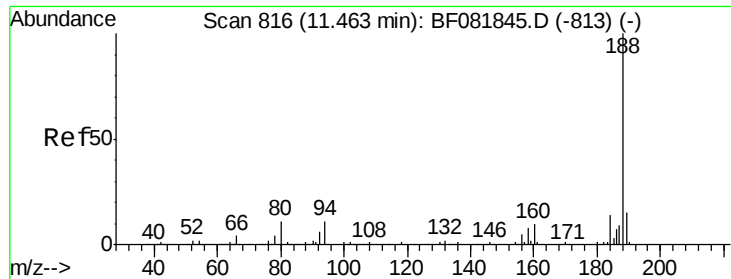
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.6#
89	2.0	44.5	66.7#
182	0.0	3.0	4.4#



#57
 Fluorene
 Concen: Below Cal
 RT: 10.49 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF081914.D
 Acq: 30 Sep 2015 21:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	171.3	72.6	109.0#
167	72.3	10.6	16.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF081914.D

Acq: 30 Sep 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SS-02(EAST)

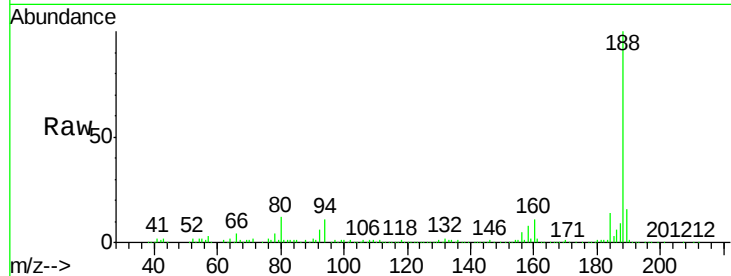
Tgt Ion:188 Resp: 389369

Ion Ratio Lower Upper

188 100

94 10.9 11.1 16.7#

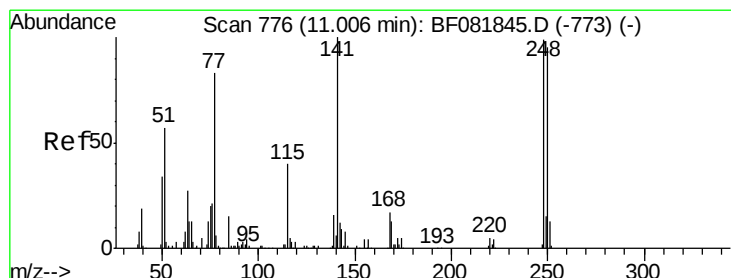
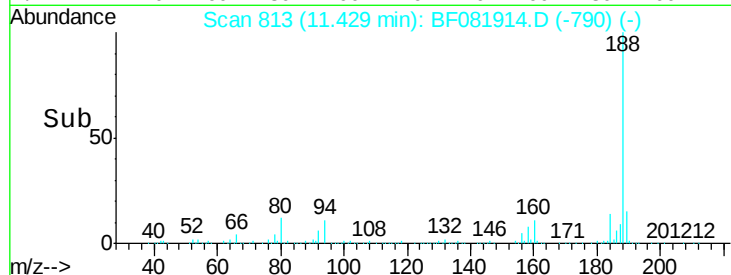
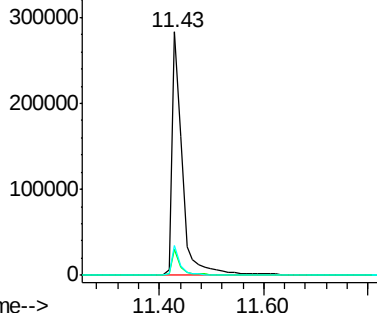
80 12.4 11.0 16.4



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



#66

4-Bromophenyl-phenylether

Concen: 3.32 ng

RT: 10.73 min Scan# 752

Delta R.T. -0.27 min

Lab File: BF081914.D

Acq: 30 Sep 2015 21:19

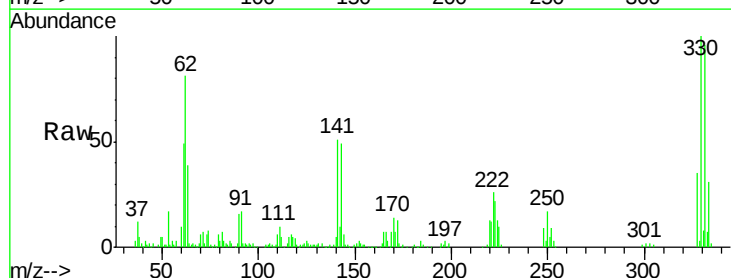
Tgt Ion:248 Resp: 13023

Ion Ratio Lower Upper

248 100

250 199.8 78.5 117.7#

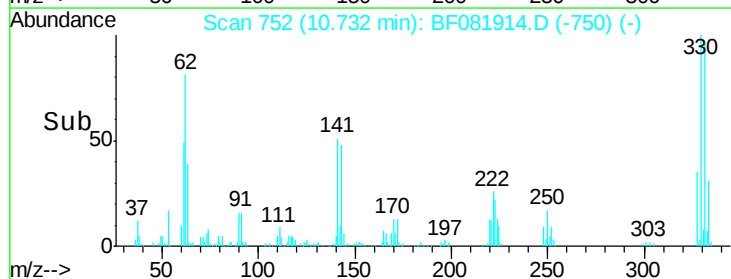
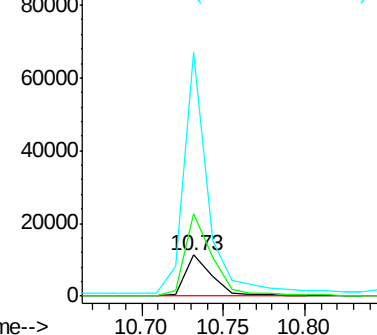
141 589.4 59.0 88.6#

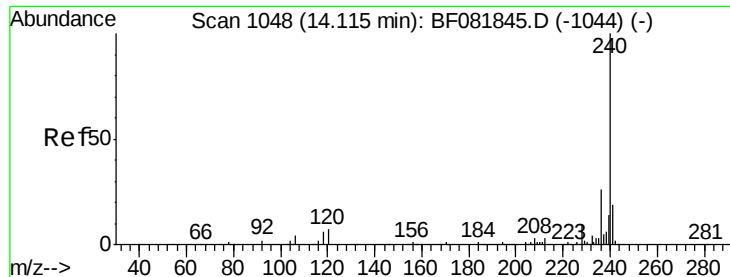


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081914.D

Acq: 30 Sep 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SS-02(EAST)

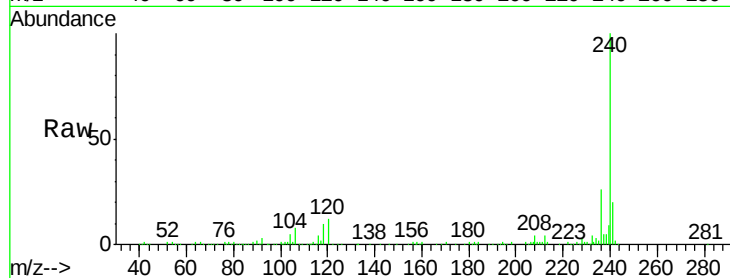
Tgt Ion:240 Resp: 317737

Ion Ratio Lower Upper

240 100

120 12.2 16.2 24.2#

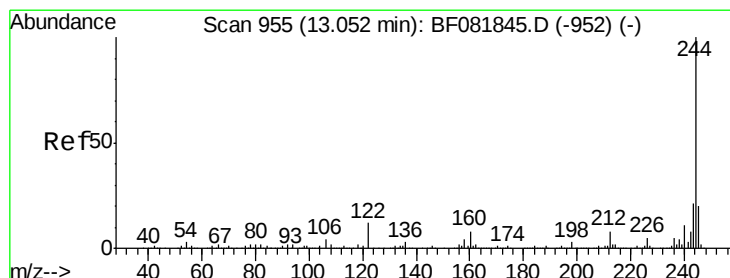
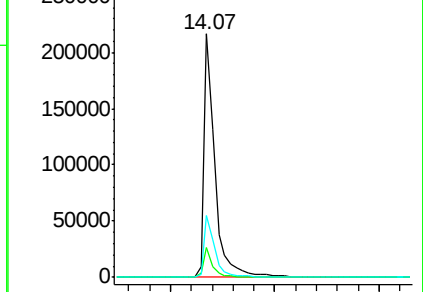
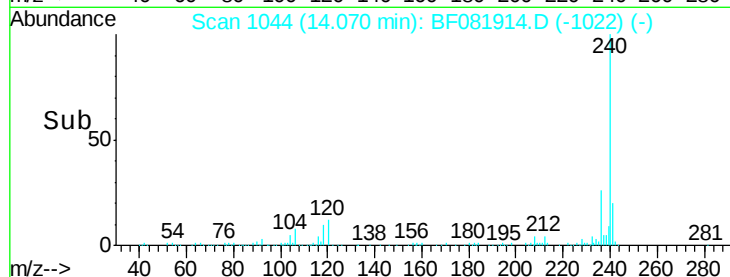
236 25.5 18.4 27.6



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: 83.21 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081914.D

Acq: 30 Sep 2015 21:19

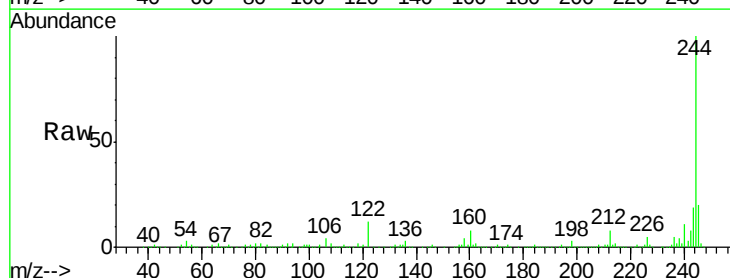
Tgt Ion:244 Resp: 823374

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

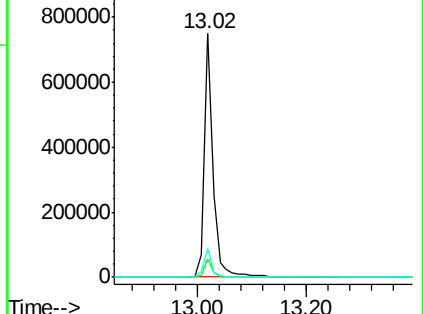
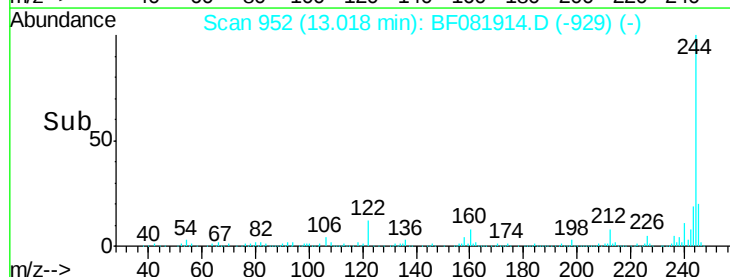
122 11.7 17.4 26.2#

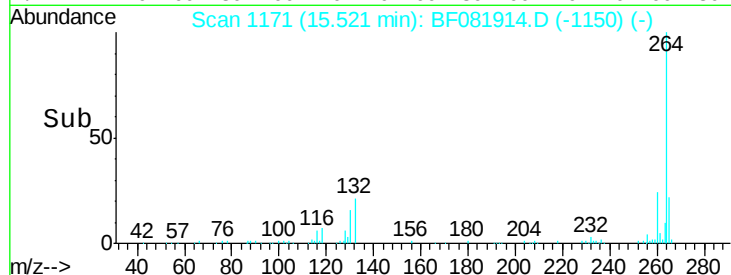
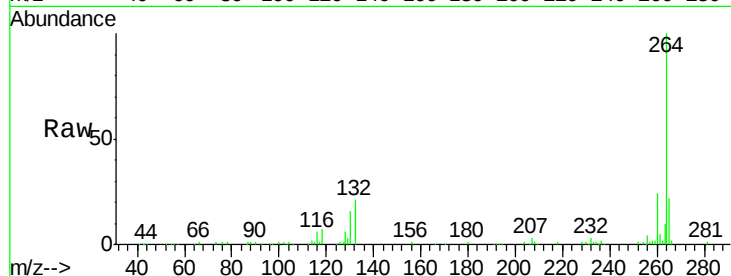
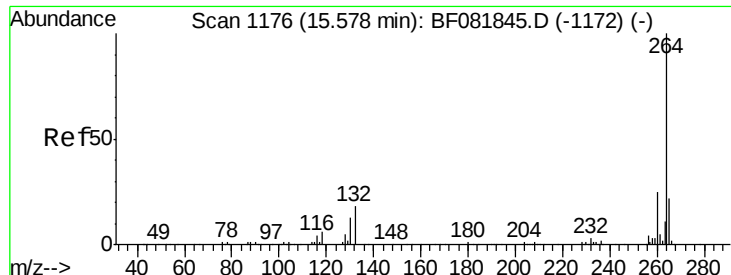


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF081914.D
Acq: 30 Sep 2015 21:19

Instrument :
BNA_F
ClientSampleId :
SS-02(EAST)

Tgt Ion: 264 Resp: 227628
Ion Ratio Lower Upper
264 100
260 23.8 16.7 25.1
265 21.7 17.2 25.8

