

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082014.D
 Acq On : 3 Oct 2015 10:01
 Operator : UM/IZ
 Sample : G3905-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF008-01

Quant Time: Oct 05 00:23:09 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

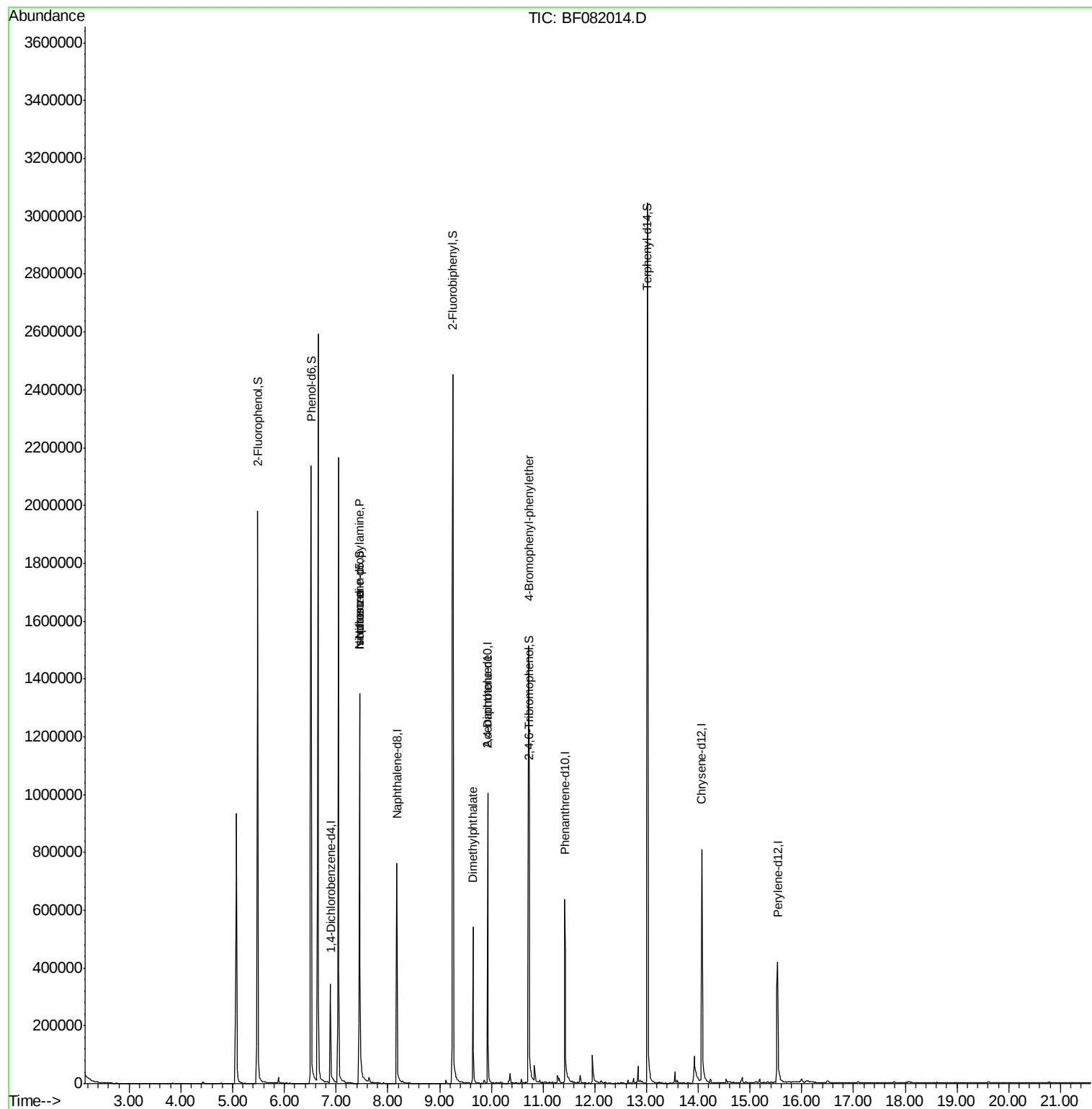
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	95788	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	398950	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	209660	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	392738	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	380044	20.00	ng	-0.05
86) Perylene-d12	15.53	264	284738	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	756657	143.40	ng	-0.03
7) Phenol-d6	6.51	99	894319	134.69	ng	-0.05
23) Nitrobenzene-d5	7.45	82	557429	93.14	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	283414	133.47	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1152275	93.86	ng	-0.05
78) Terphenyl-d14	13.02	244	1108237	98.43	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	71397	17.69	ng	# 58
25) Isophorone	7.45	82	504344	42.52	ng	# 58
49) Dimethylphthalate	9.65	163	239463	16.55	ng	# 98
56) 2,4-Dinitrotoluene	9.93	165	26227	6.55	ng	# 33
57) Fluorene	10.72	166	9873	Below Cal	#	80
66) 4-Bromophenyl-phenylether	10.72	248	17274	4.36	ng	# 1
70) Phenanthrene	11.45	178	4301	Below Cal	#	94
73) Di-n-butylphthalate	11.99	149	4948	Below Cal	#	97

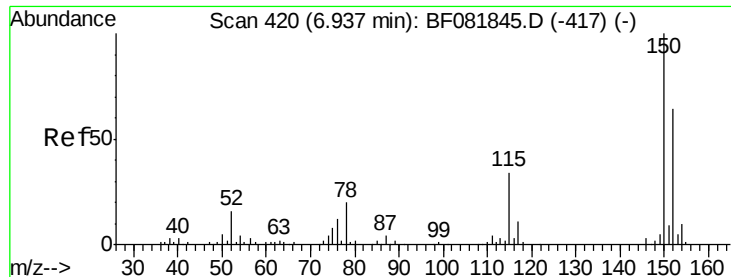
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082014.D

Acq: 3 Oct 2015 10:01

Instrument :

BNA_F

ClientSampleId :

P001-BF008-01

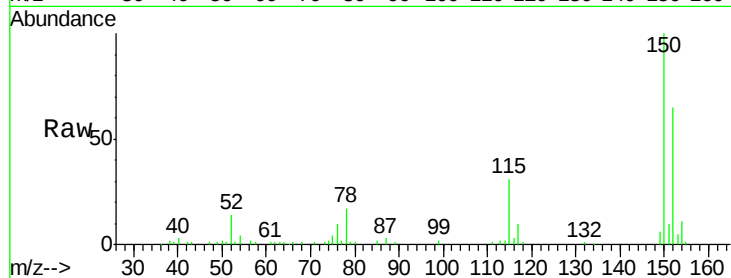
Tgt Ion:152 Resp: 95788

Ion Ratio Lower Upper

152 100

150 154.8 124.7 187.1

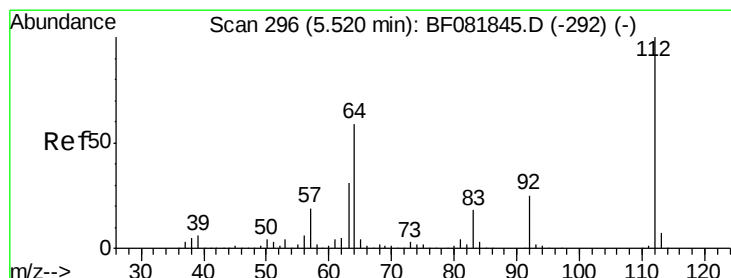
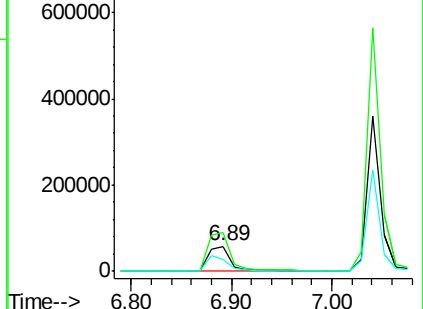
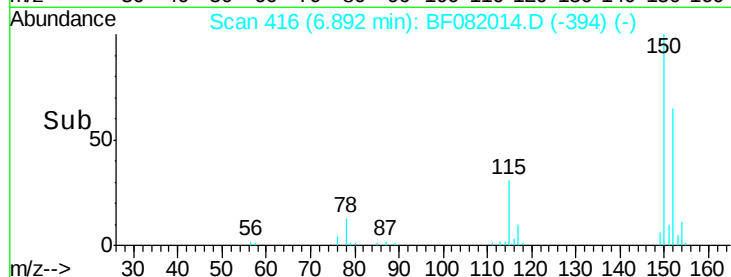
115 47.9 39.0 58.4



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: 143.40 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082014.D

Acq: 3 Oct 2015 10:01

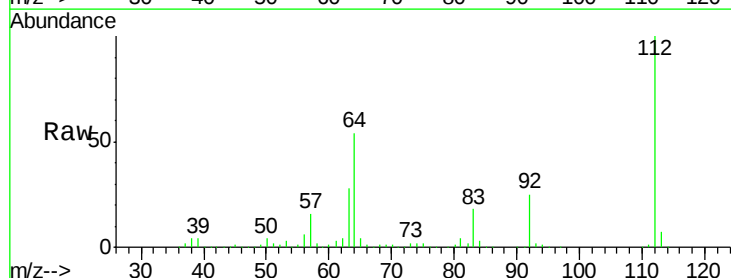
Tgt Ion:112 Resp: 756657

Ion Ratio Lower Upper

112 100

64 53.7 39.7 59.5

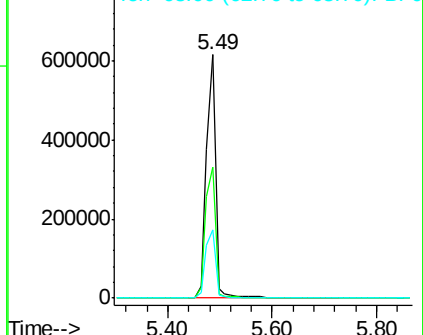
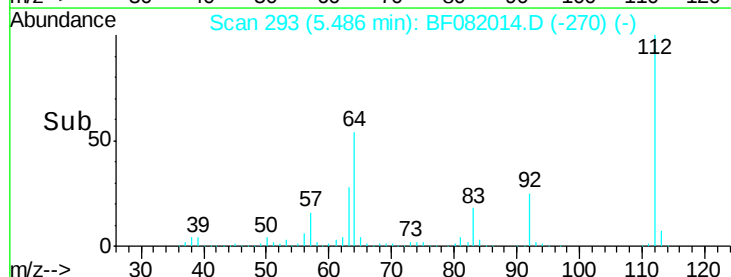
63 28.0 17.4 26.0#

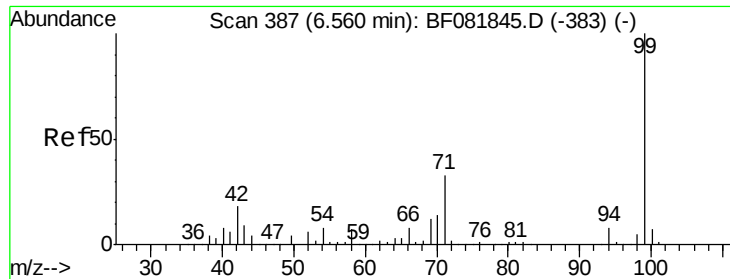


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.69 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082014.D

Acq: 3 Oct 2015 10:01

Instrument :

BNA_F

ClientSampleId :

P001-BF008-01

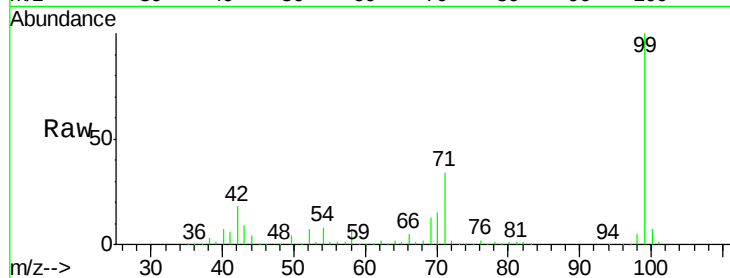
Tgt Ion: 99 Resp: 894319

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

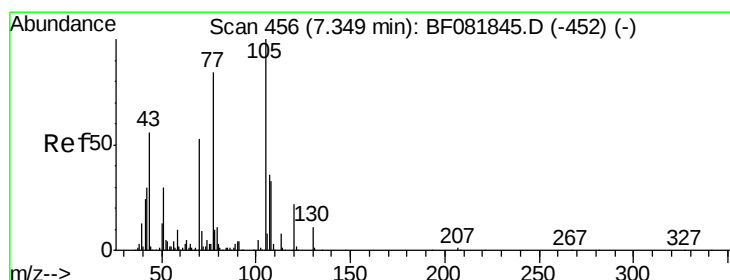
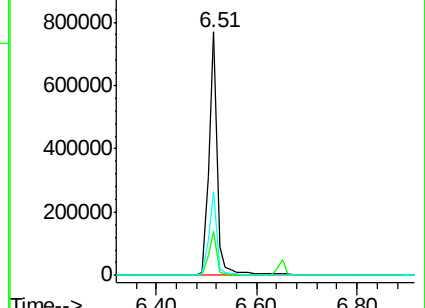
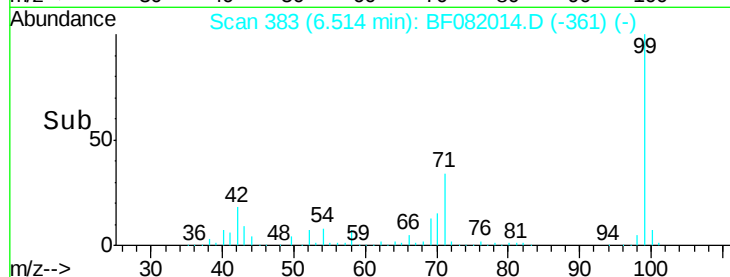
71 34.4 14.2 21.2#



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: 17.69 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082014.D

Acq: 3 Oct 2015 10:01

Tgt Ion: 70 Resp: 71397

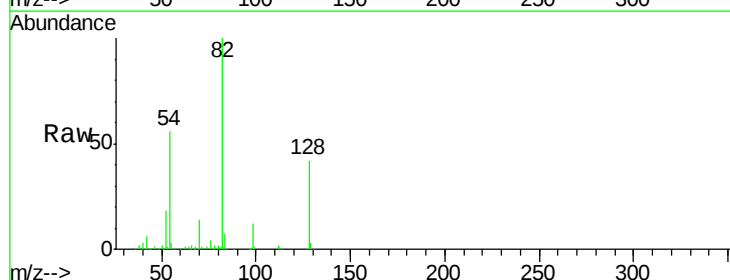
Ion Ratio Lower Upper

70 100

42 47.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

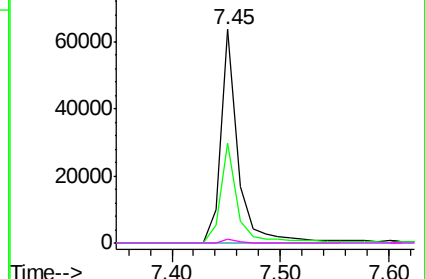
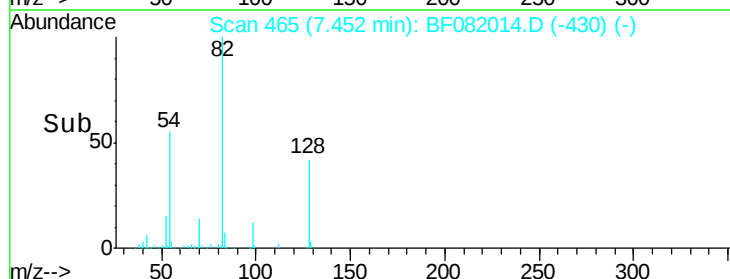


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

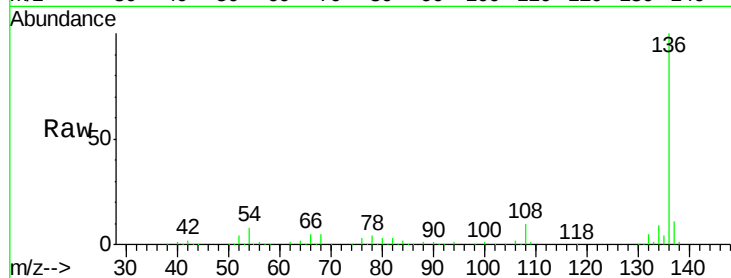




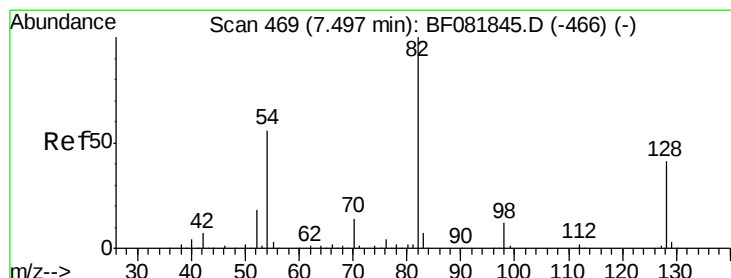
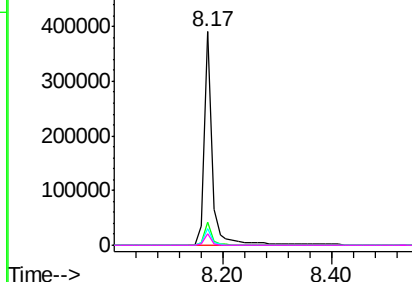
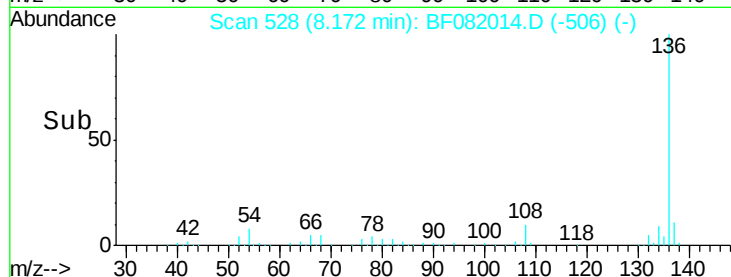
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082014.D
Acq: 3 Oct 2015 10:01

Instrument :
BNA_F
ClientSampleId :
P001-BF008-01

Tgt Ion: 136 Resp: 398950
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.6 8.2 12.2#
68 5.3 5.8 8.6#

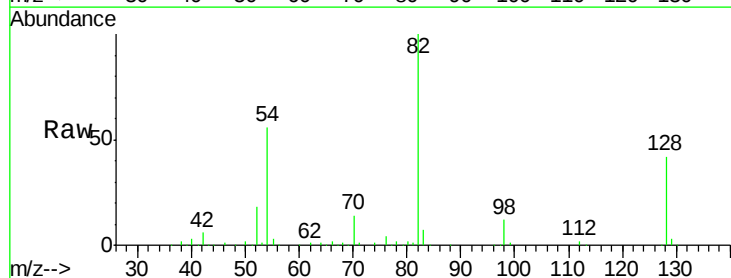


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

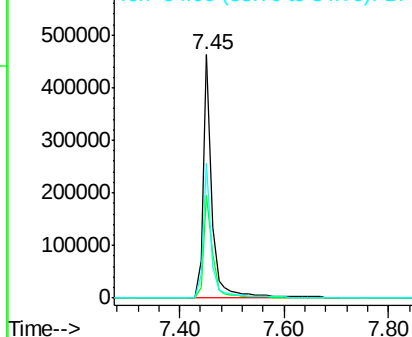
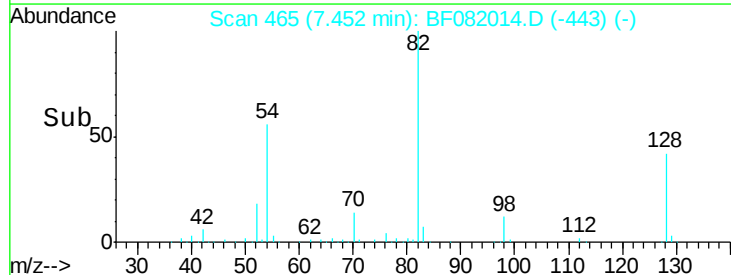


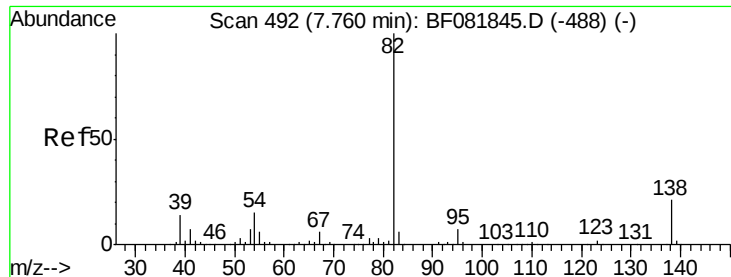
#23
Nitrobenzene-d5
Concen: 93.14 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082014.D
Acq: 3 Oct 2015 10:01

Tgt Ion: 82 Resp: 557429
Ion Ratio Lower Upper
82 100
128 42.2 51.0 76.6#
54 55.6 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





#25

Isophorone

Concen: 42.52 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF082014.D

Acq: 3 Oct 2015 10:01

Instrument :

BNA_F

ClientSampleId :

P001-BF008-01

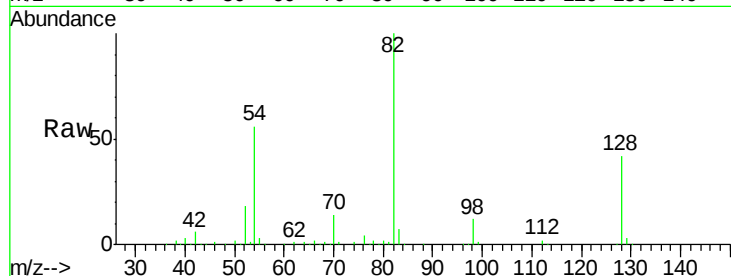
Tgt Ion: 82 Resp: 504344

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

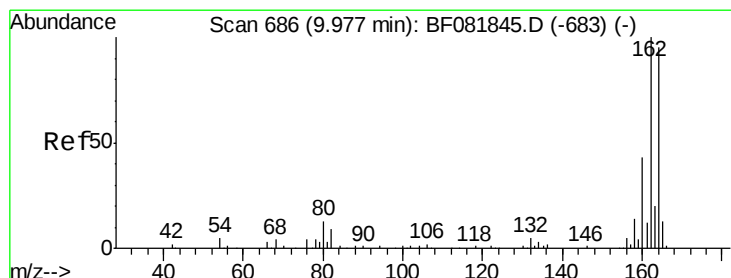
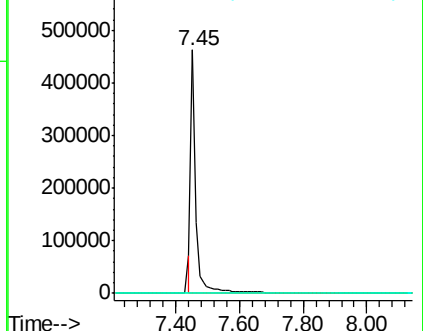
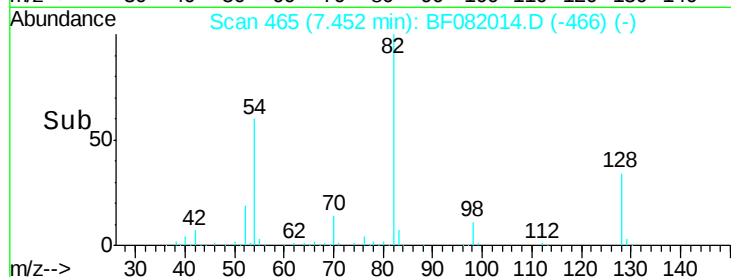
138 0.0 18.3 27.5#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082014.D

Acq: 3 Oct 2015 10:01

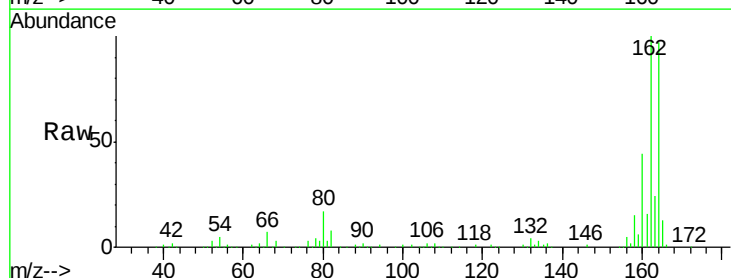
Tgt Ion: 164 Resp: 209660

Ion Ratio Lower Upper

164 100

162 103.2 75.2 112.8

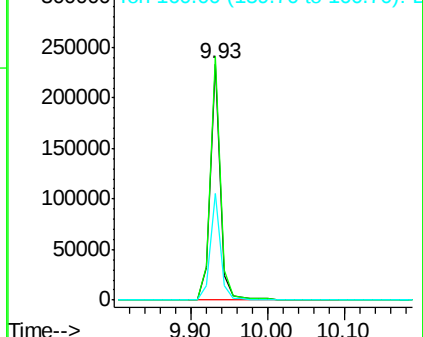
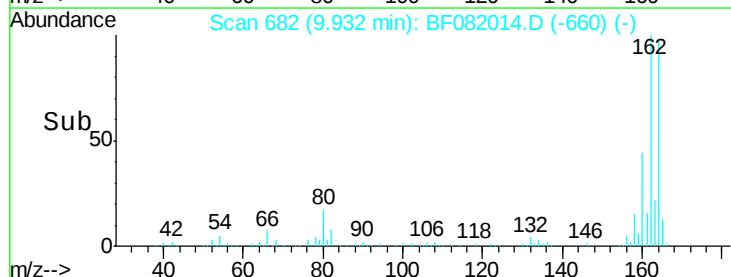
160 45.4 31.5 47.3

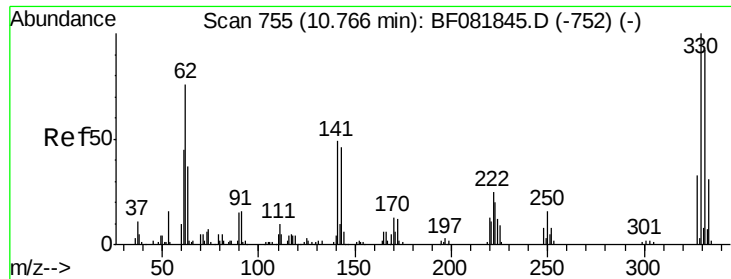


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

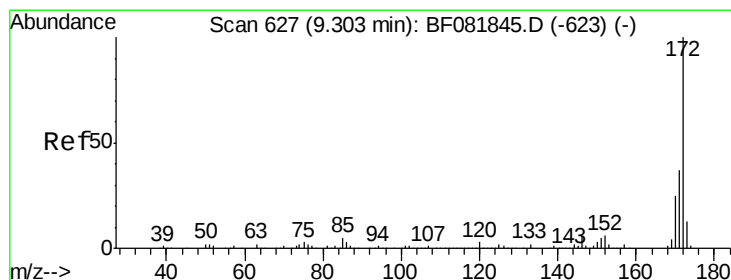
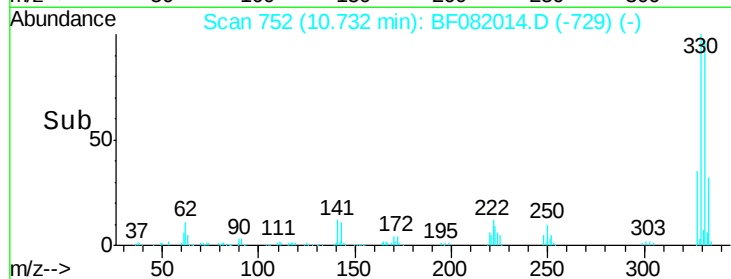
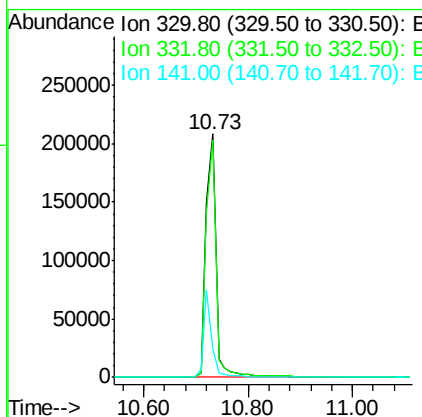
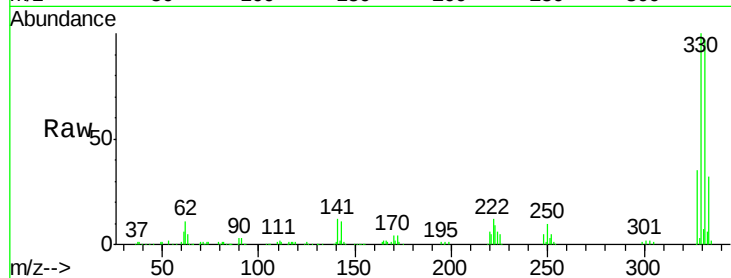




#41
 2,4,6-Tribromophenol
 Concen: 133.47 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082014.D
 Acq: 3 Oct 2015 10:01

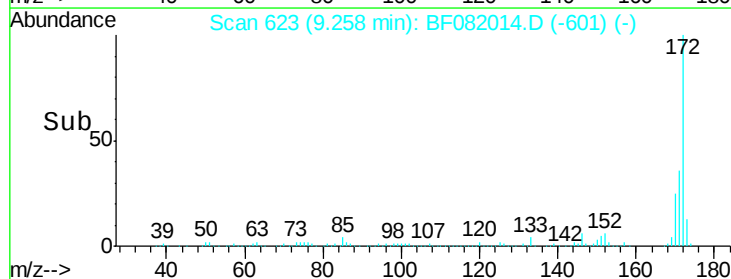
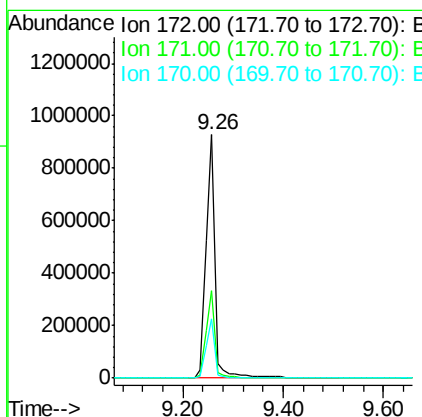
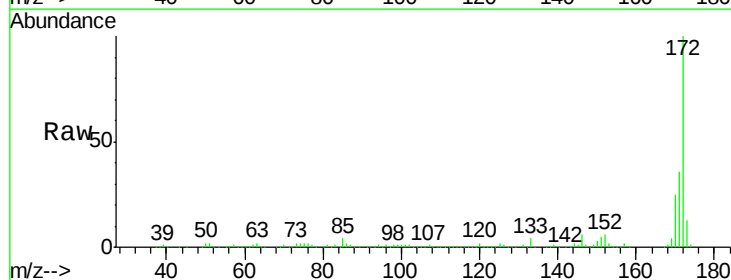
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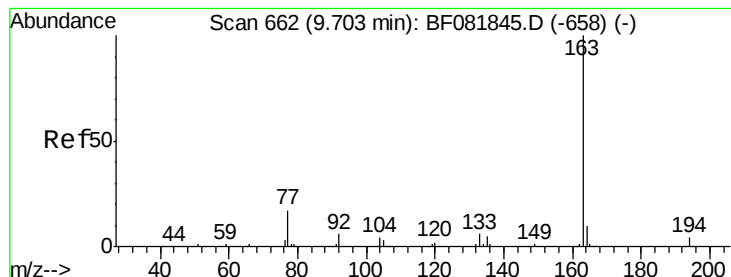
Tgt Ion:330 Resp: 283414
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 29.3 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 93.86 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082014.D
 Acq: 3 Oct 2015 10:01

Tgt Ion:172 Resp: 1152275
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.5 17.4 26.2





#49

Dimethylphthalate

Concen: 16.55 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF082014.D

Acq: 3 Oct 2015 10:01

Instrument :

BNA_F

ClientSampleId :

P001-BF008-01

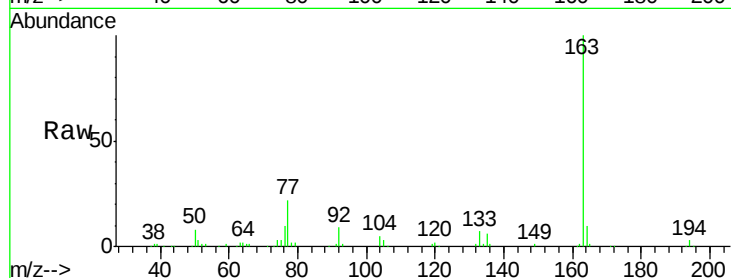
Tgt Ion:163 Resp: 239463

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

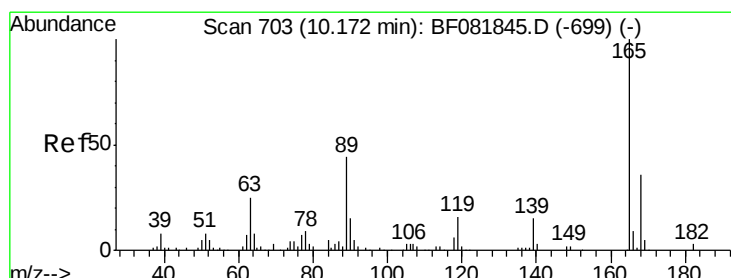
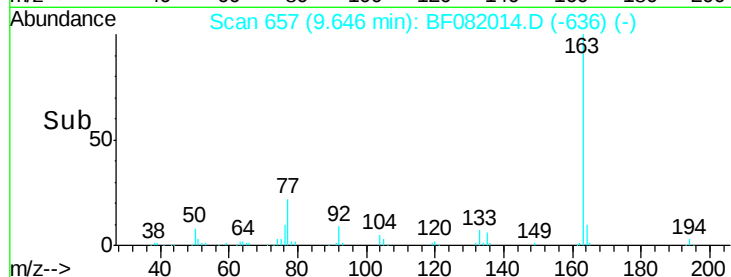
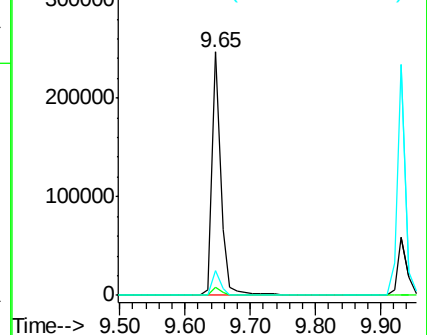
164 10.4 8.3 12.5



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: 6.55 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF082014.D

Acq: 3 Oct 2015 10:01

Tgt Ion:165 Resp: 26227

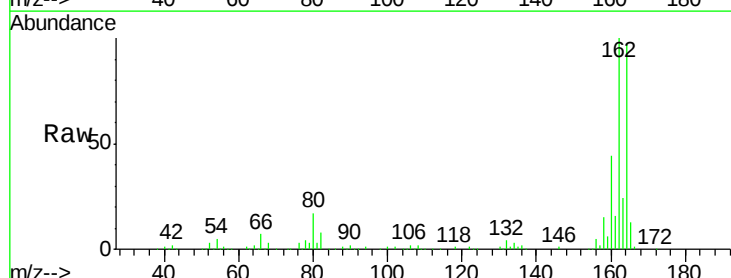
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.6#

89 1.2 44.5 66.7#

182 0.0 3.0 4.4#

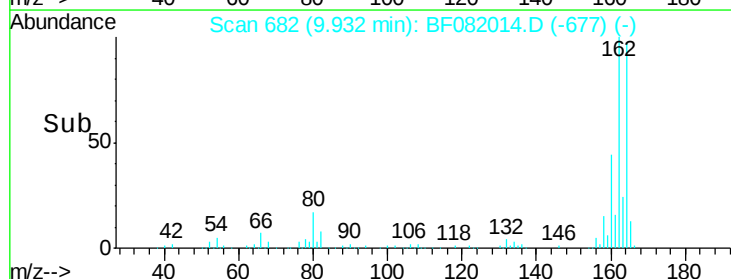
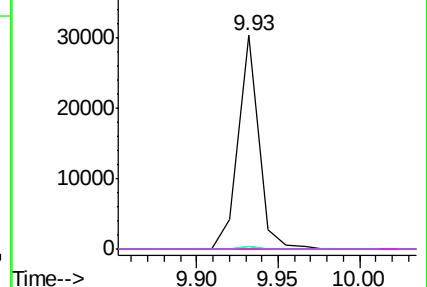


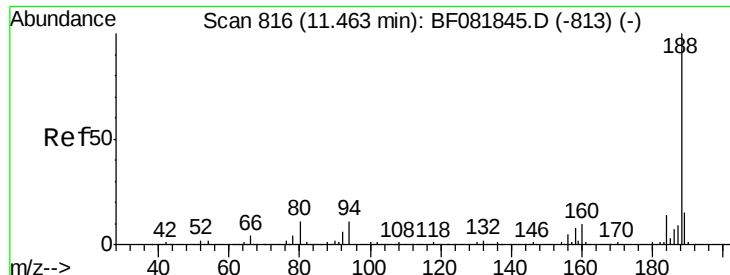
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

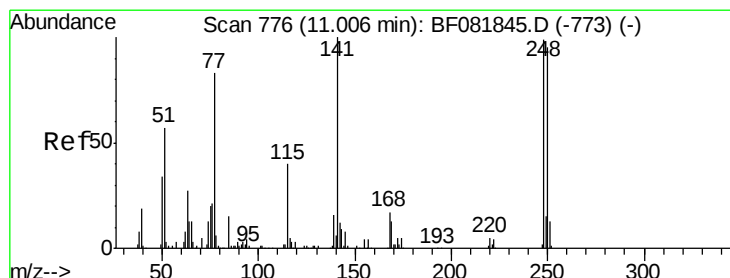
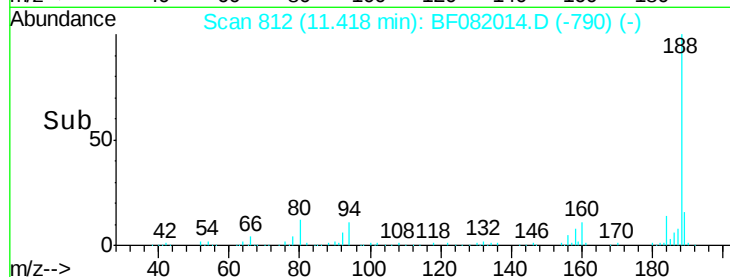
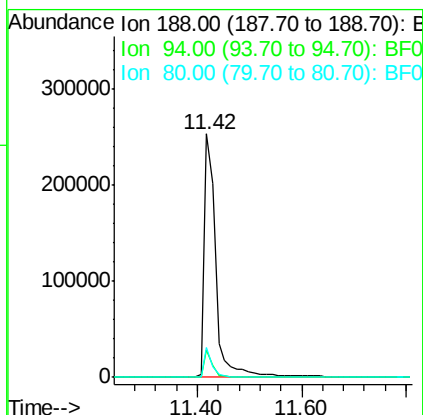
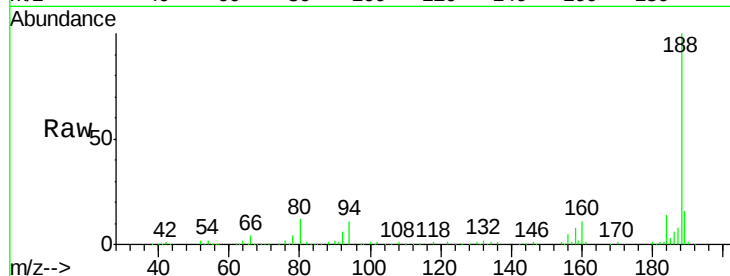




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF082014.D
Acq: 3 Oct 2015 10:01

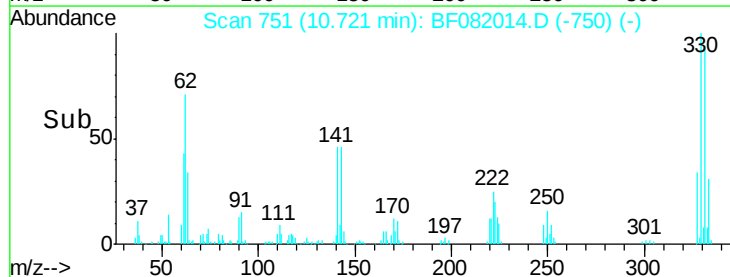
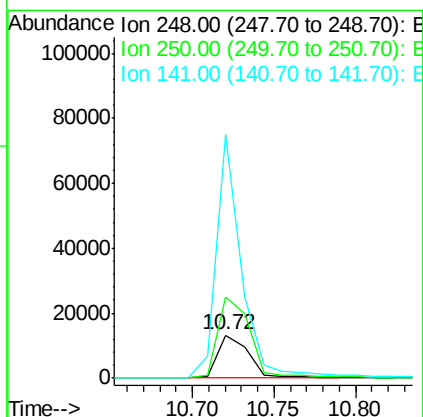
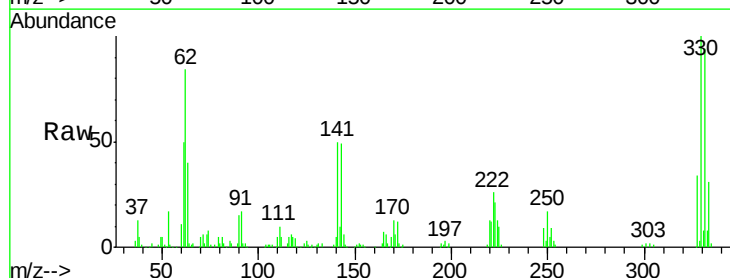
Instrument :
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P001-BF008-01

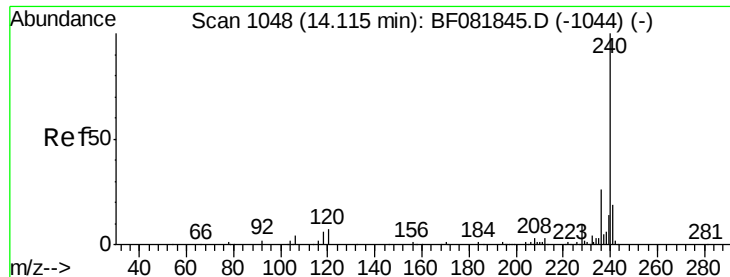
Tgt Ion:188 Resp: 392738
Ion Ratio Lower Upper
188 100
94 11.2 11.1 16.7
80 12.1 11.0 16.4



#66
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF082014.D
Acq: 3 Oct 2015 10:01

Tgt Ion:248 Resp: 17274
Ion Ratio Lower Upper
248 100
250 191.1 78.5 117.7#
141 570.3 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082014.D

Acq: 3 Oct 2015 10:01

Instrument :

BNA_F

ClientSampleId :

P001-BF008-01

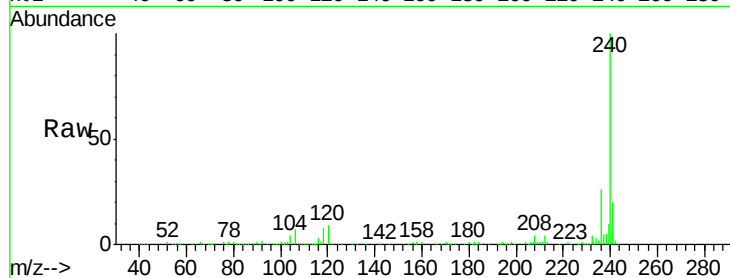
Tgt Ion:240 Resp: 380044

Ion Ratio Lower Upper

240 100

120 9.5 16.2 24.2#

236 25.8 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

14.07

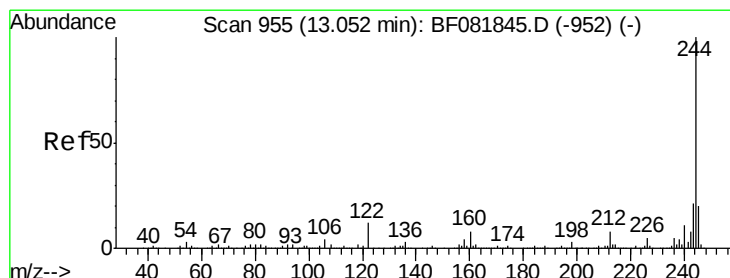
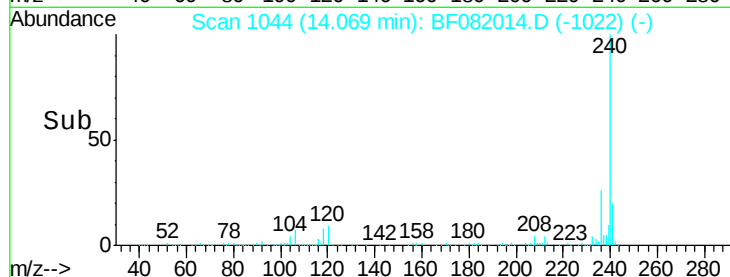
300000

200000

100000

0

Time--> 14.00 14.20



#78

Terphenyl-d14

Concen: 98.43 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082014.D

Acq: 3 Oct 2015 10:01

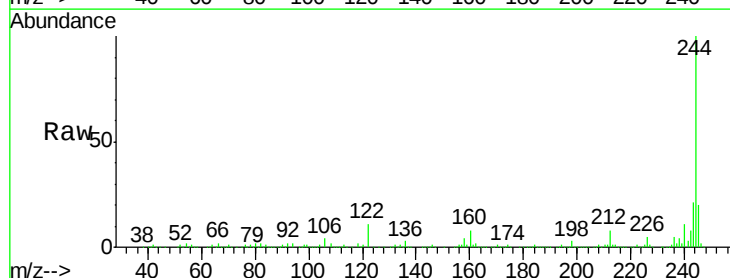
Tgt Ion:244 Resp: 1108237

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

122 11.0 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

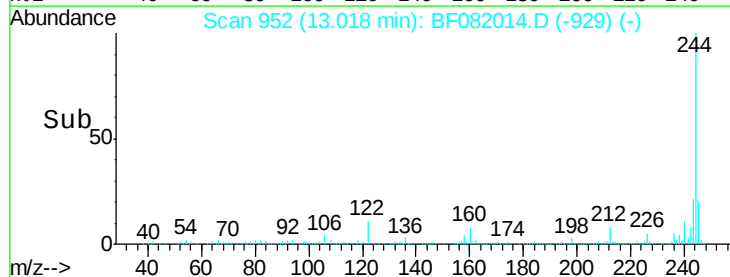
13.02

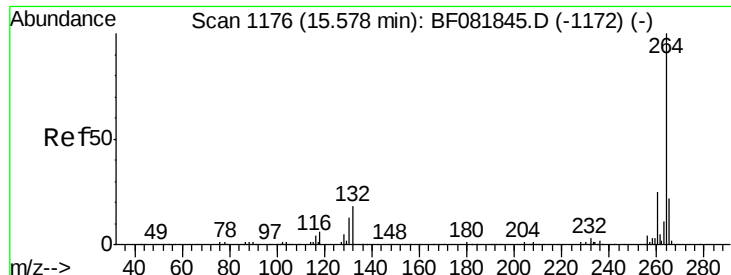
1000000

500000

0

Time--> 13.00 13.20

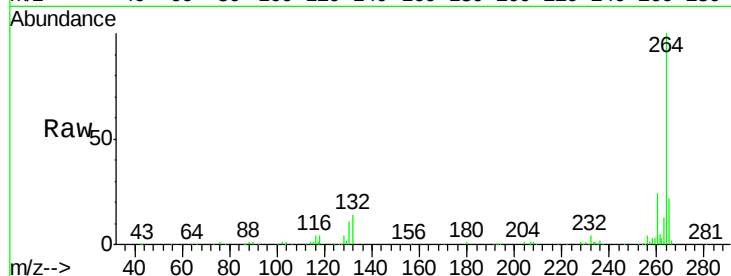




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082014.D
Acq: 3 Oct 2015 10:01

Instrument :
BNA_F
ClientSampleId :
P001-BF008-01

Tgt Ion: 264 Resp: 284738
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 21.7 17.2 25.8



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

