

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080640.D
 Acq On : 24 Jul 2015 22:18
 Operator : TP/UM
 Sample : G3087-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST3-072315

Quant Time: Jul 25 05:14:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

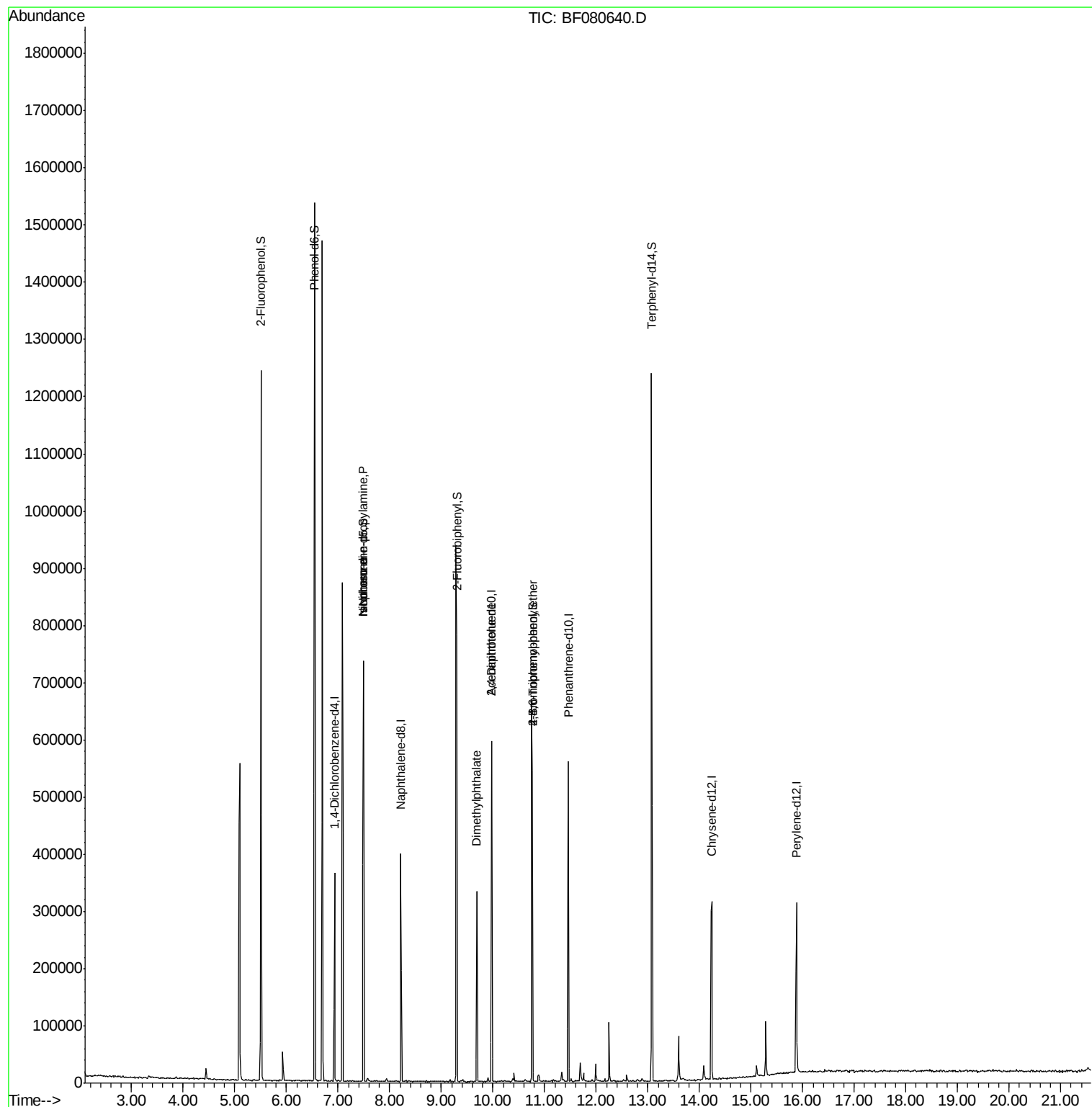
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	52178	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	188382	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	105861	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	188889	20.00	ng	0.00
75) Chrysene-d12	14.24	240	166342	20.00	ng	0.08
86) Perylene-d12	15.88	264	143496	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	317240	102.38	ng	0.00
7) Phenol-d6	6.54	99	452781	122.33	ng	0.00
23) Nitrobenzene-d5	7.49	82	247763	66.05	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	91128	95.81	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	389065	56.71	ng	0.00
78) Terphenyl-d14	13.07	244	416038	53.85	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	34345	12.86	ng	# 64
25) Isophorone	7.49	82	247369	37.60	ng	# 73
49) Dimethylphthalate	9.69	163	118463	15.65	ng	99
56) 2,4-Dinitrotoluene	9.97	165	13065	7.31	ng	# 2
66) 4-Bromophenyl-phenylether	10.76	248	6210	3.49	ng	# 1

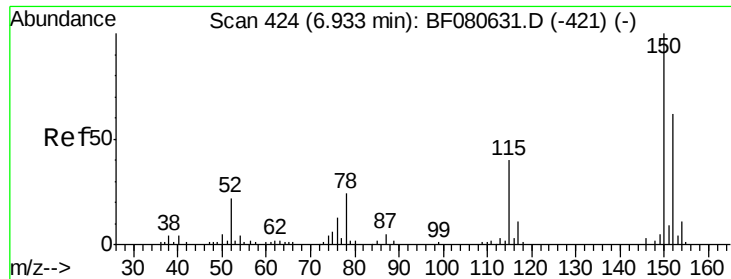
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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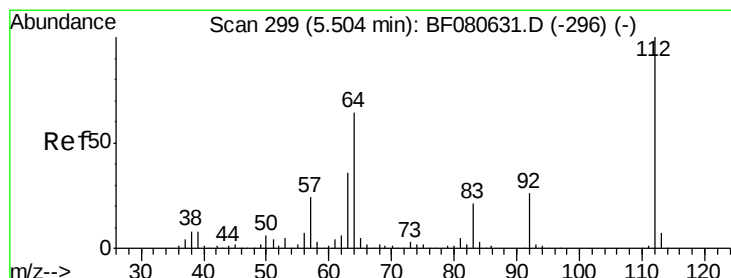
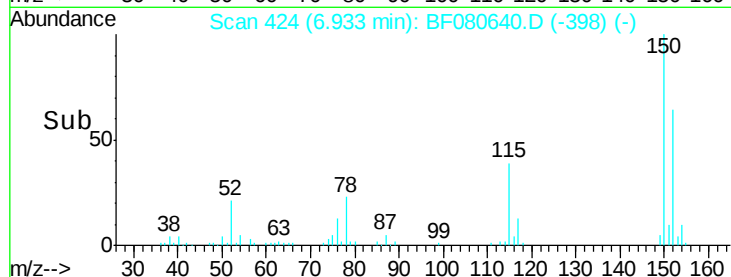
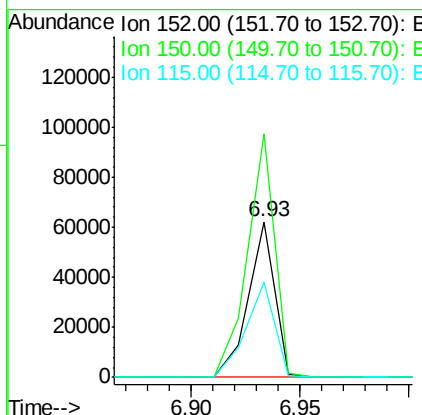
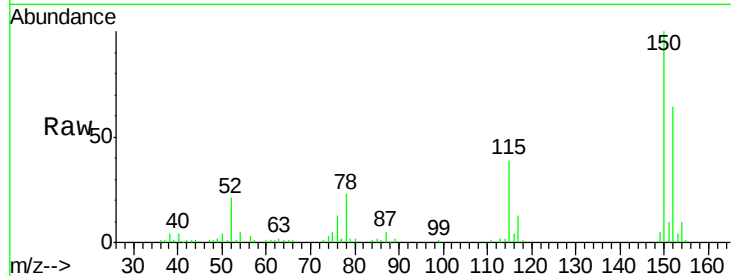




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF080640.D
 Acq: 24 Jul 2015 22:18

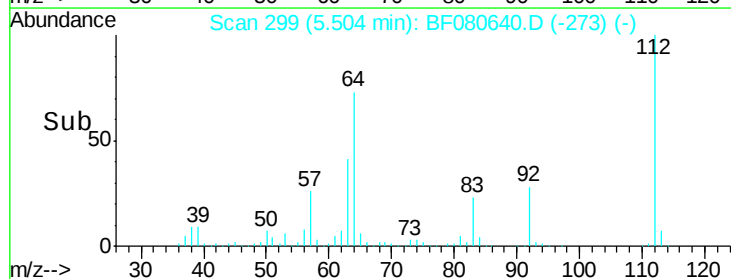
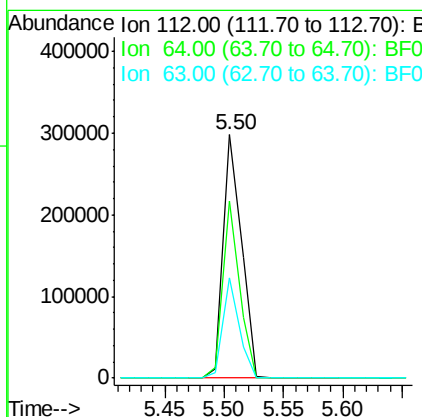
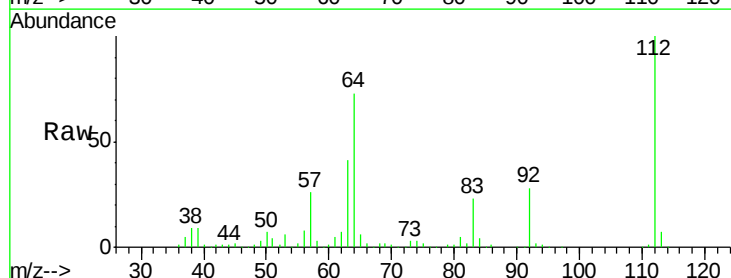
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST3-072315

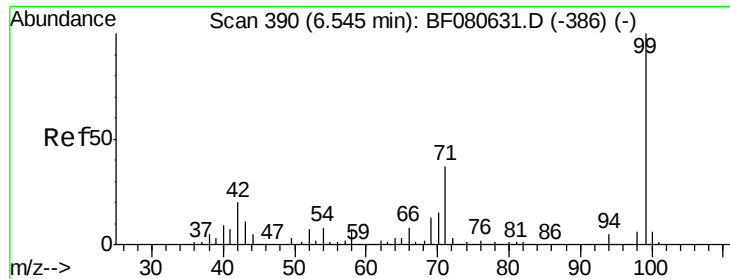
Tgt Ion:152 Resp: 52178
 Ion Ratio Lower Upper
 152 100
 150 156.6 128.9 193.3
 115 61.5 51.0 76.6



#5
 2-Fluorophenol
 Concen: 102.38 ng
 RT: 5.50 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: BF080640.D
 Acq: 24 Jul 2015 22:18

Tgt Ion:112 Resp: 317240
 Ion Ratio Lower Upper
 112 100
 64 72.6 51.2 76.8
 63 41.4 29.0 43.6





#7

Phenol-d6

Concen: 122.33 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080640.D

Acq: 24 Jul 2015 22:18

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST3-072315

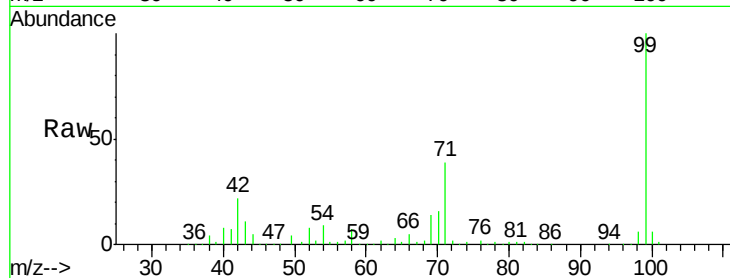
Tgt Ion: 99 Resp: 452781

Ion Ratio Lower Upper

99 100

42 21.5 16.3 24.5

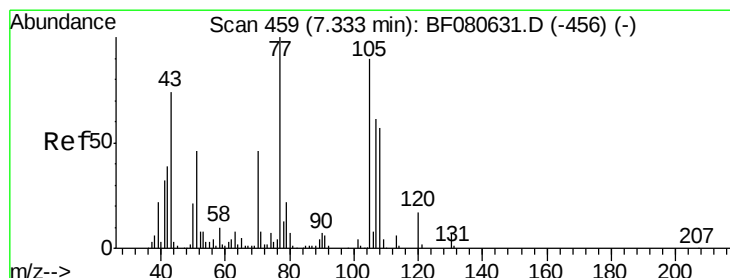
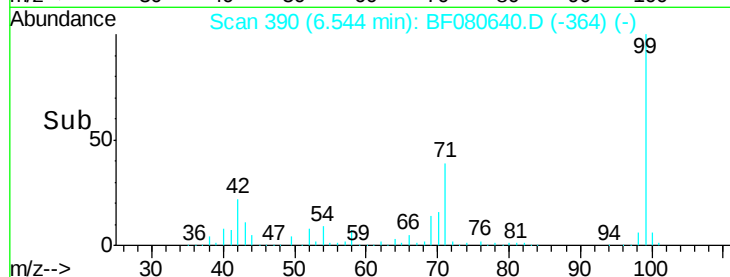
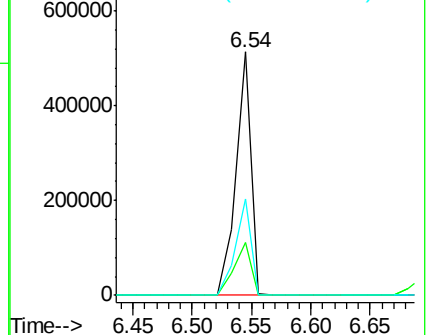
71 39.4 29.7 44.5



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: 12.86 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.16 min

Lab File: BF080640.D

Acq: 24 Jul 2015 22:18

Tgt Ion: 70 Resp: 34345

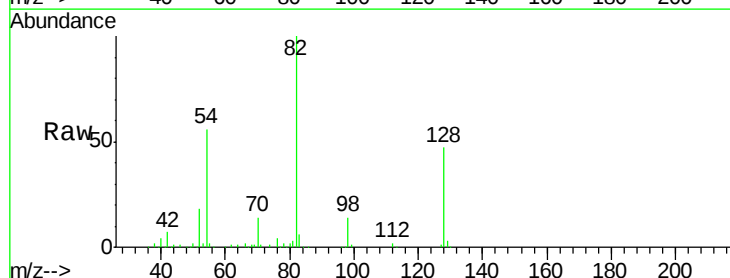
Ion Ratio Lower Upper

70 100

42 49.6 67.8 101.8#

101 0.0 6.6 9.8#

130 2.2 11.4 17.0#

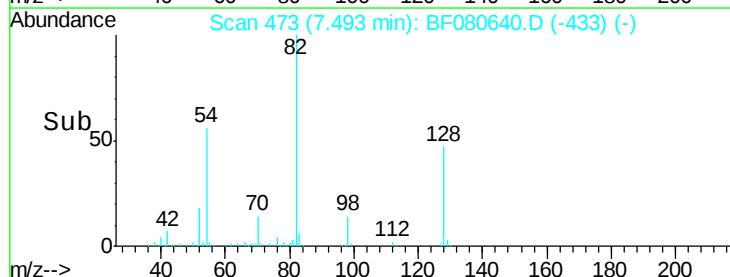
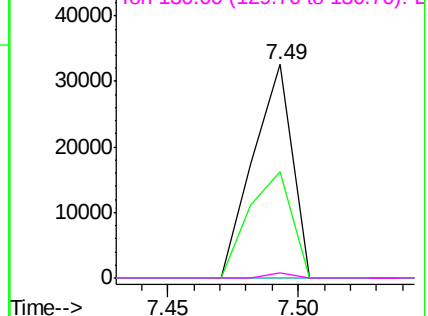


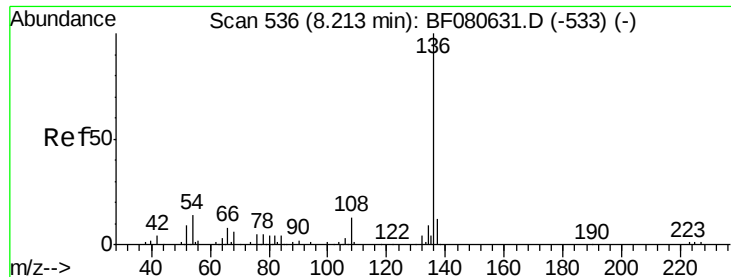
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF080640.D

Acq: 24 Jul 2015 22:18

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST3-072315

Tgt Ion:136 Resp: 188382

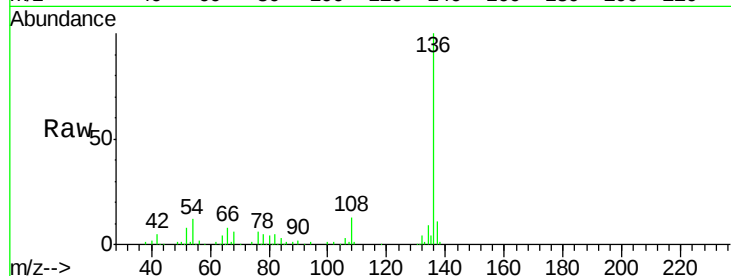
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 12.4 11.6 17.4

68 5.8 5.0 7.4

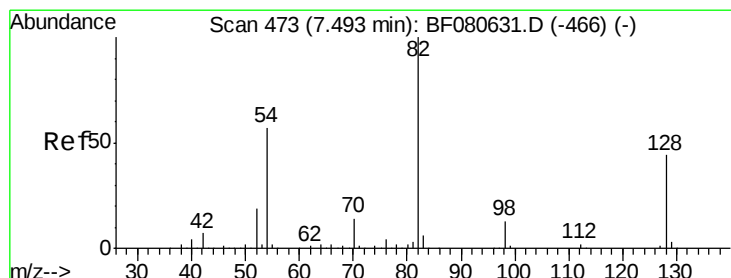
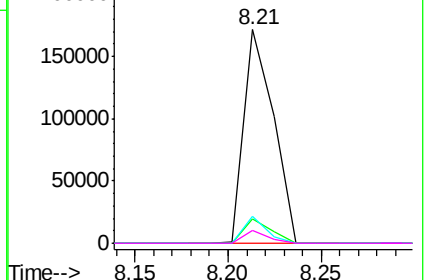
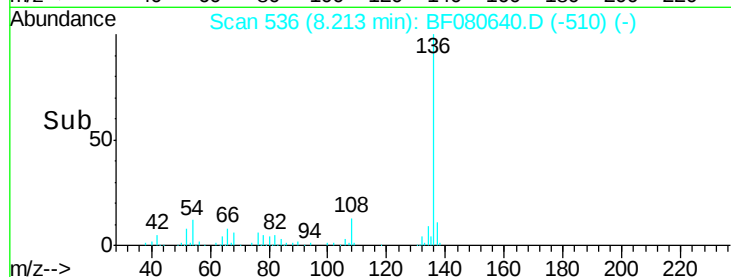


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.05 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080640.D

Acq: 24 Jul 2015 22:18

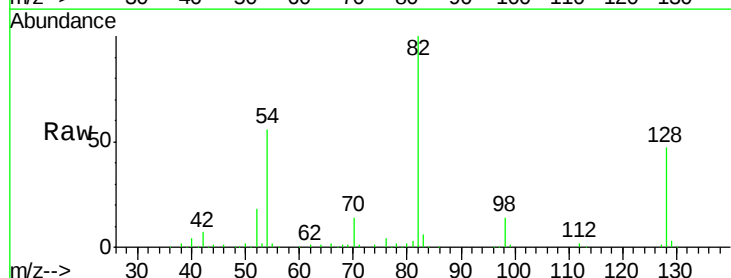
Tgt Ion: 82 Resp: 247763

Ion Ratio Lower Upper

82 100

128 47.1 34.8 52.2

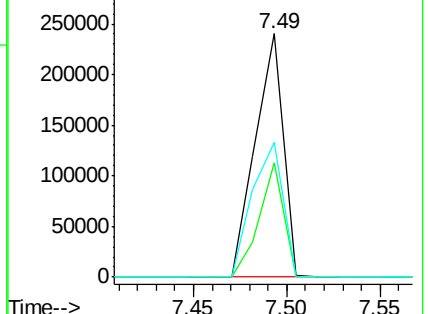
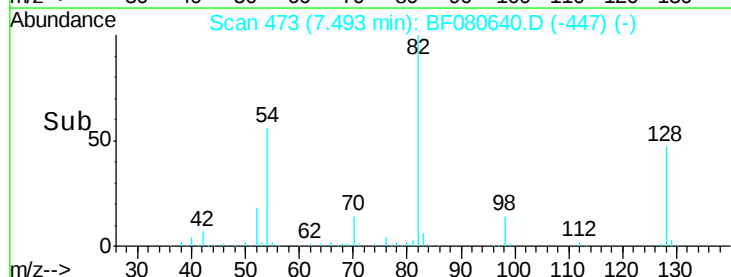
54 55.6 45.4 68.0

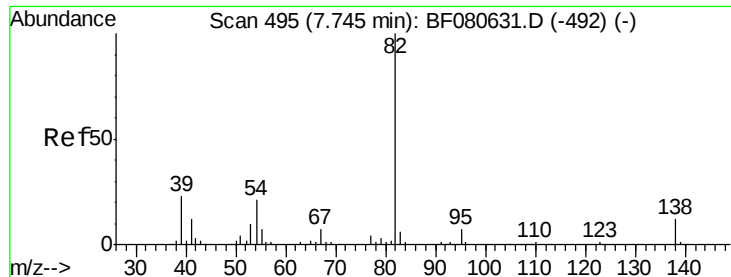


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.60 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

Lab File: BF080640.D

Acq: 24 Jul 2015 22:18

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST3-072315

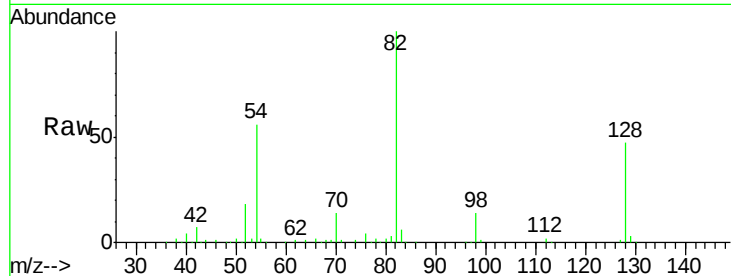
Tgt Ion: 82 Resp: 247369

Ion Ratio Lower Upper

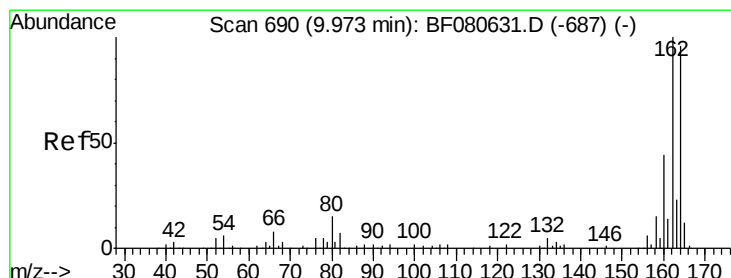
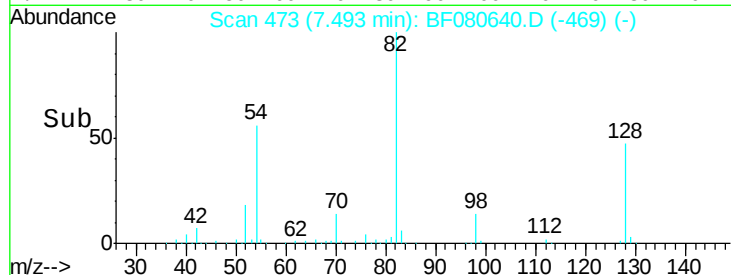
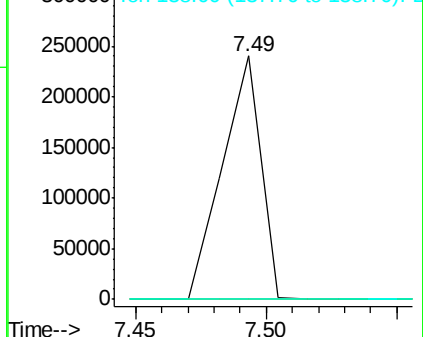
82 100

95 0.0 5.5 8.3#

138 0.0 9.7 14.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF080640.D

Acq: 24 Jul 2015 22:18

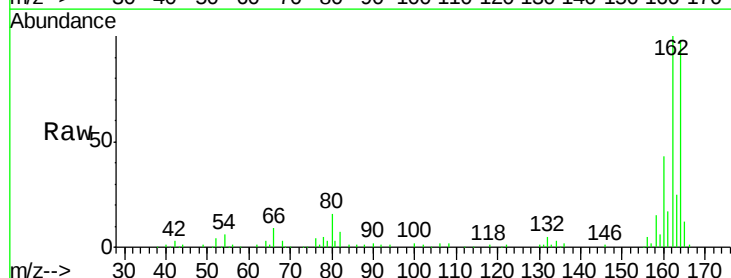
Tgt Ion: 164 Resp: 105861

Ion Ratio Lower Upper

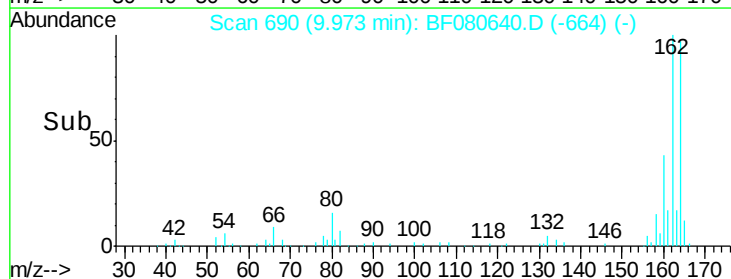
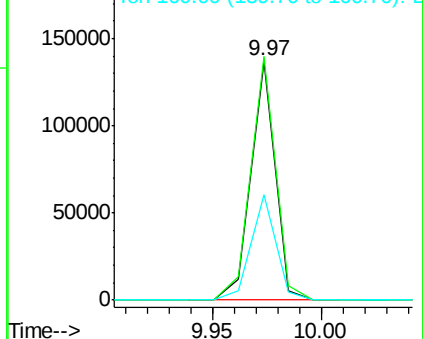
164 100

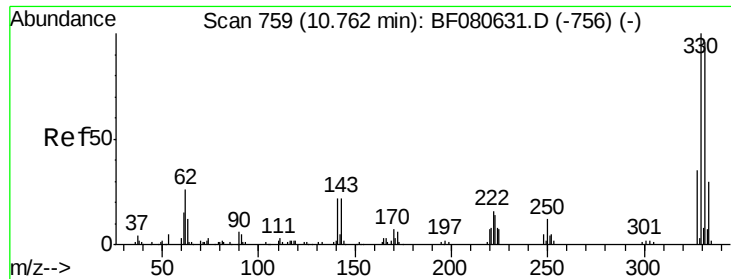
162 101.9 83.3 124.9

160 44.1 36.9 55.3



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

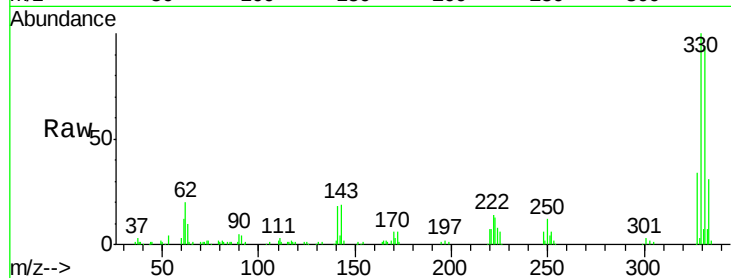




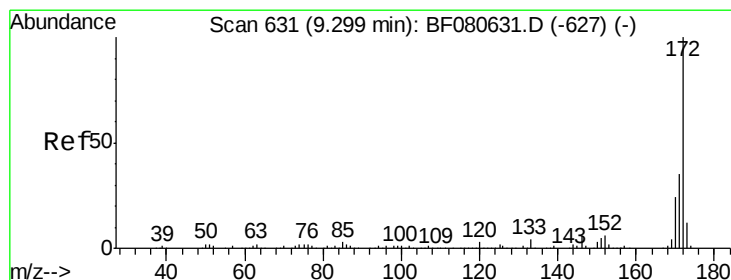
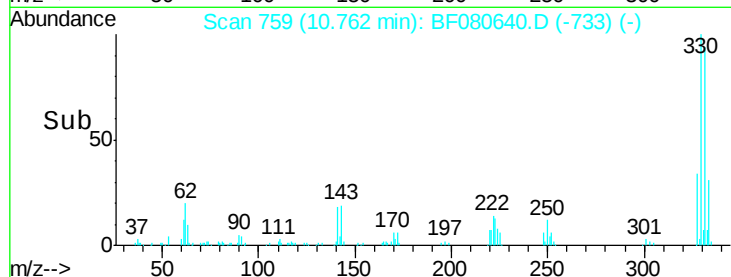
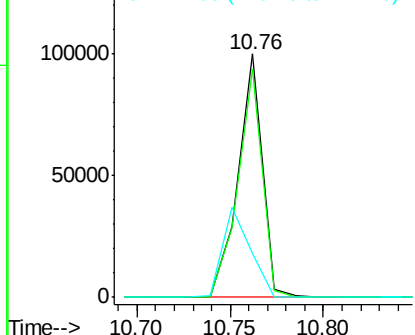
#41
 2,4,6-Tribromophenol
 Concen: 95.81 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF080640.D
 Acq: 24 Jul 2015 22:18

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST3-072315

Tgt Ion:330 Resp: 91128
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.7 115.1
 141 42.4 32.7 49.1

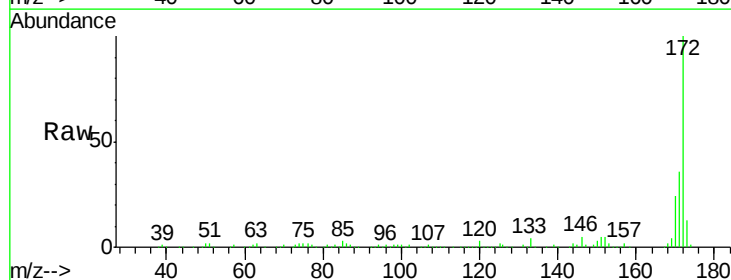


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

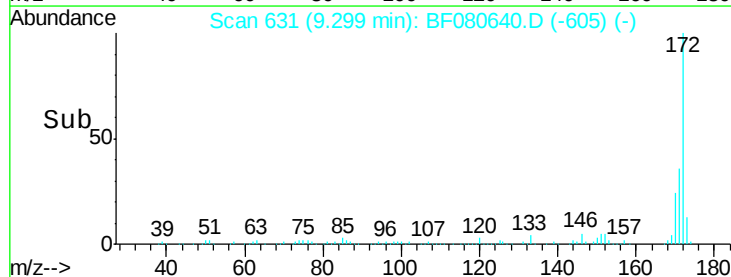
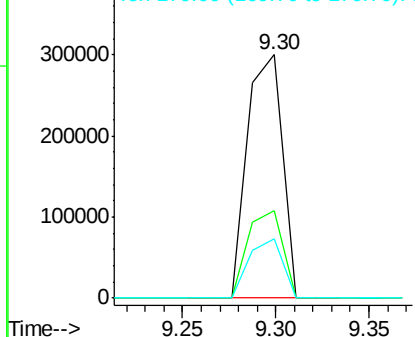


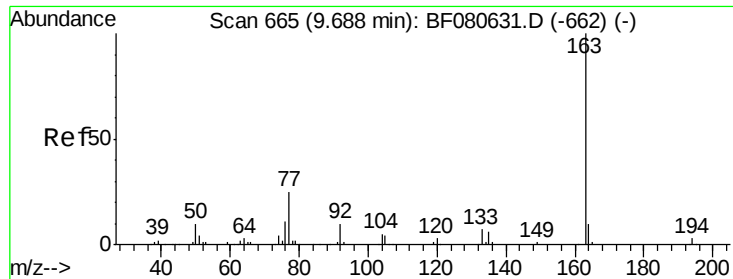
#44
 2-Fluorobiphenyl
 Concen: 56.71 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080640.D
 Acq: 24 Jul 2015 22:18

Tgt Ion:172 Resp: 389065
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.7 41.5
 170 24.1 19.0 28.4



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

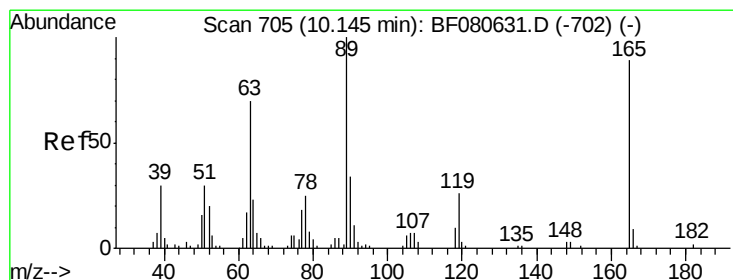
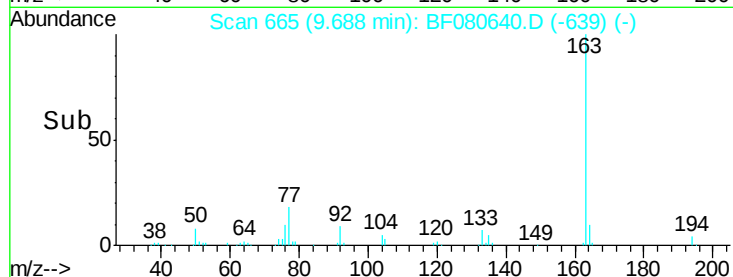
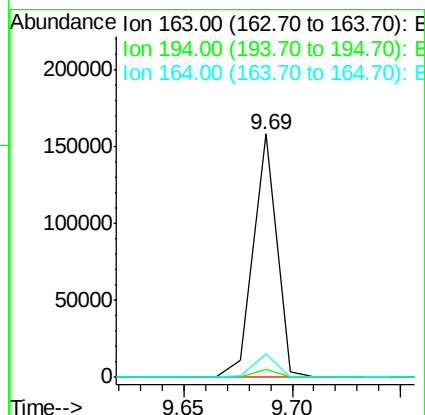
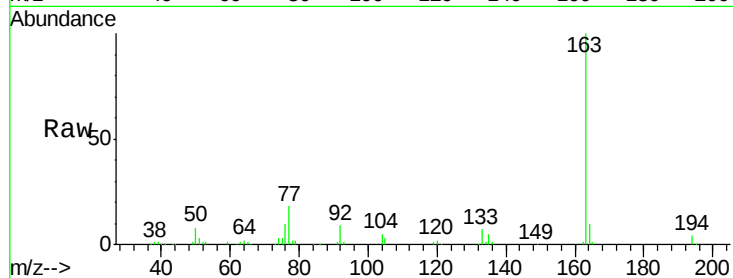




#49
Dimethylphthalate
Concen: 15.65 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF080640.D
Acq: 24 Jul 2015 22:18

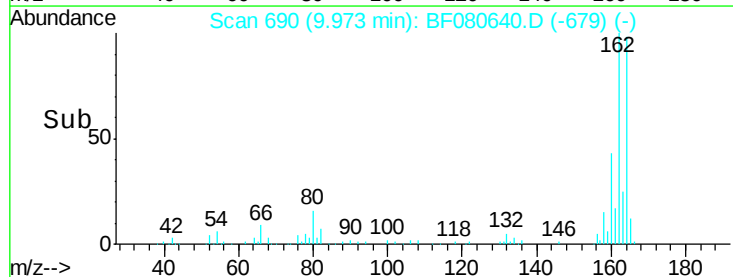
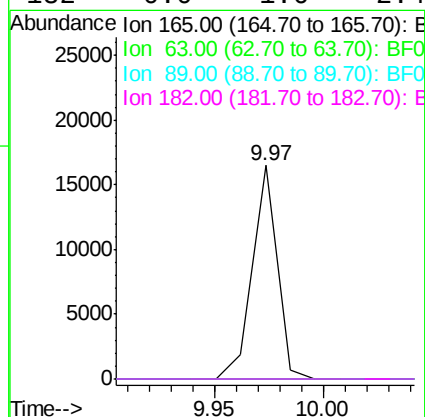
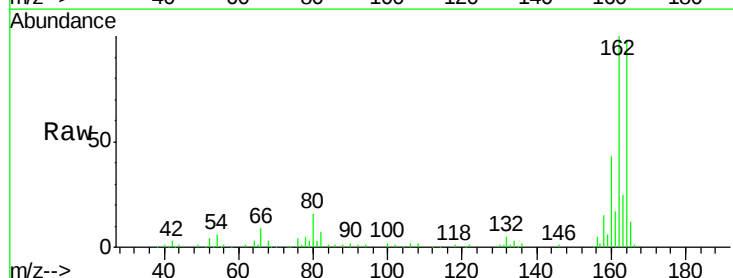
Instrument :
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BOTTOM-EAST3-072315

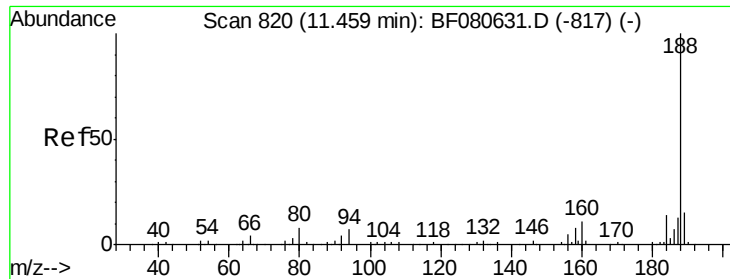
Tgt Ion:163 Resp: 118463
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.5 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.31 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.17 min
Lab File: BF080640.D
Acq: 24 Jul 2015 22:18

Tgt Ion:165 Resp: 13065
Ion Ratio Lower Upper
165 100
63 0.0 63.0 94.4#
89 0.0 90.2 135.2#
182 0.0 1.6 2.4#

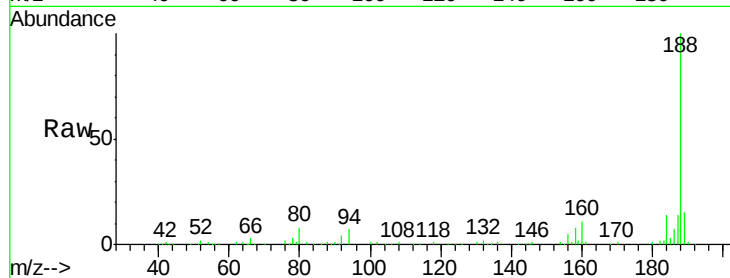




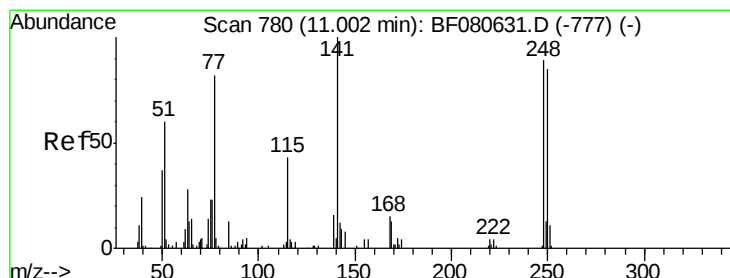
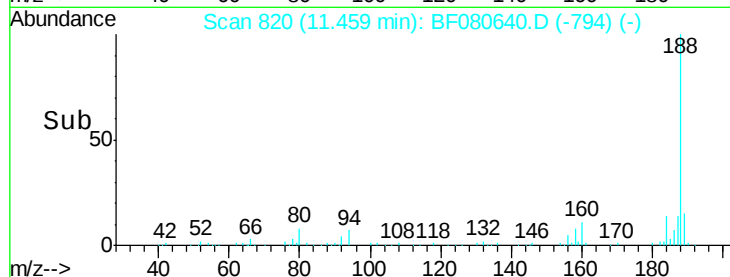
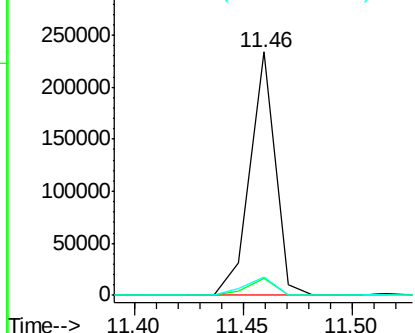
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF080640.D
Acq: 24 Jul 2015 22:18

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST3-072315

Tgt Ion:188 Resp: 188889
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 7.5 6.1 9.1

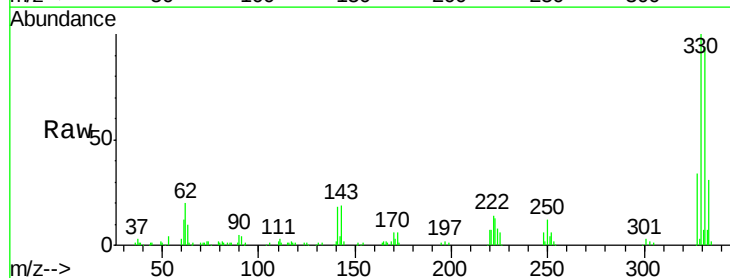


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

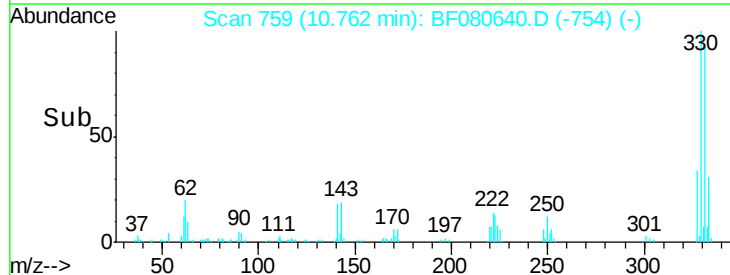
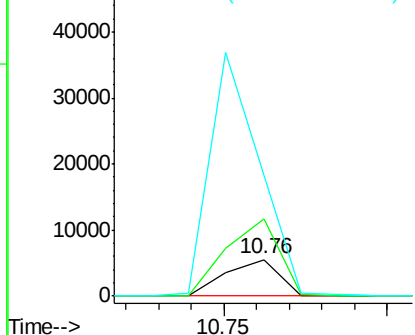


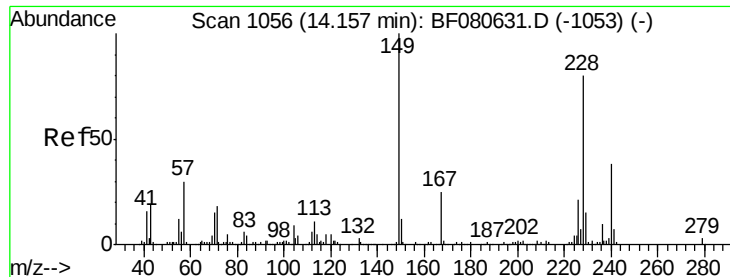
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.24 min
Lab File: BF080640.D
Acq: 24 Jul 2015 22:18

Tgt Ion:248 Resp: 6210
Ion Ratio Lower Upper
248 100
250 210.3 76.6 114.8#
141 326.8 90.0 135.0#



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: 14.24 min Scan# 1063

Delta R.T. 0.08 min

Lab File: BF080640.D

Acq: 24 Jul 2015 22:18

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST3-072315

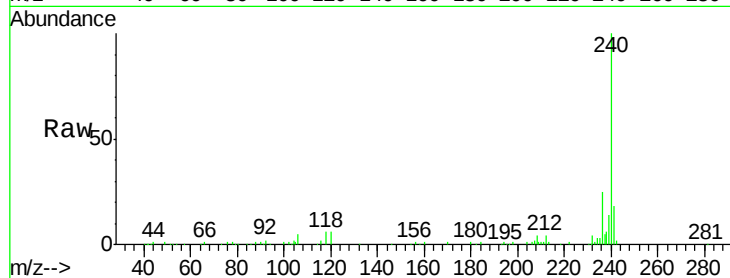
Tgt Ion:240 Resp: 166342

Ion Ratio Lower Upper

240 100

120 6.4 10.8 16.2#

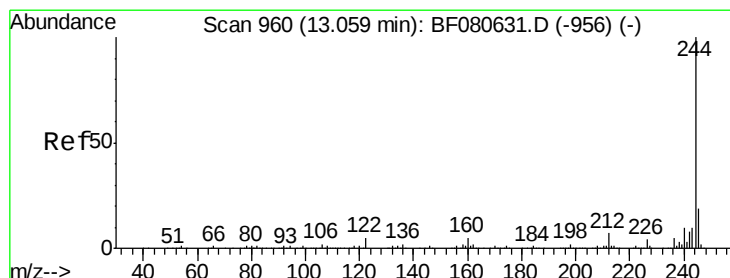
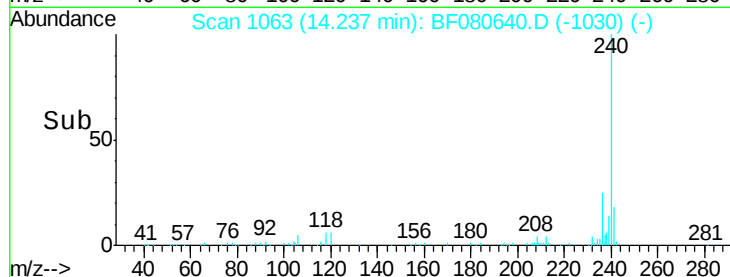
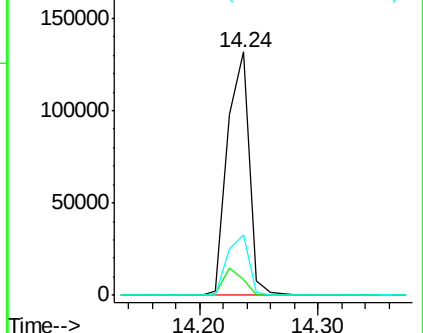
236 24.8 20.3 30.5



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: 53.85 ng

RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF080640.D

Acq: 24 Jul 2015 22:18

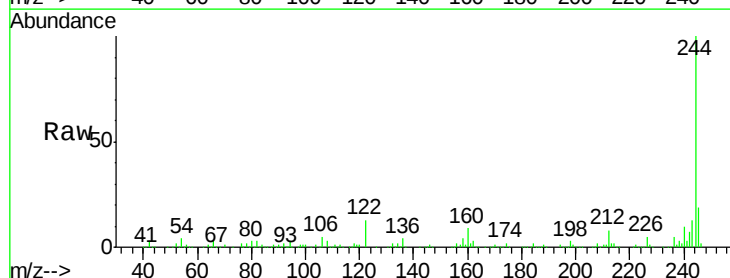
Tgt Ion:244 Resp: 416038

Ion Ratio Lower Upper

244 100

212 8.1 5.2 7.8#

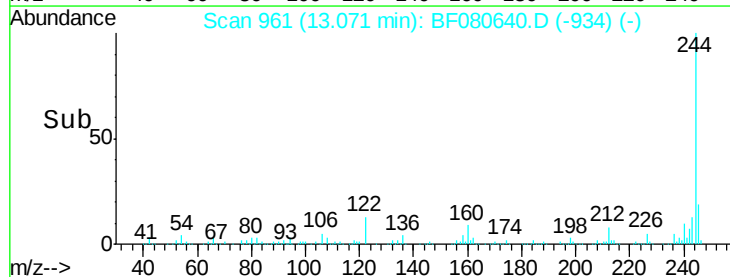
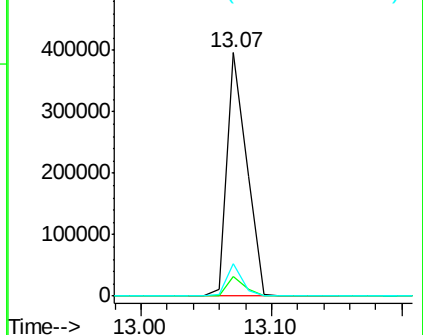
122 13.2 4.1 6.1#

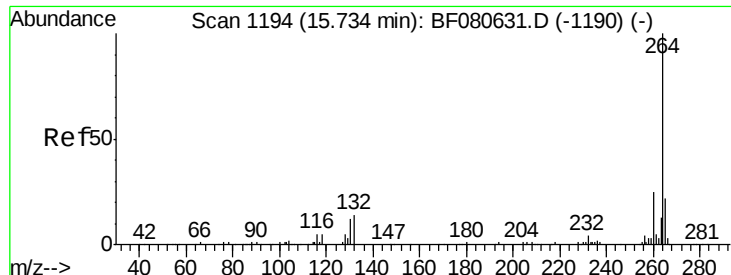


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

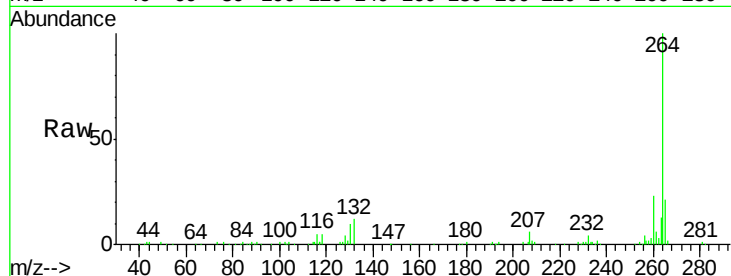




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.88 min Scan# 1207
Delta R.T. 0.15 min
Lab File: BF080640.D
Acq: 24 Jul 2015 22:18

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST3-072315

Tgt Ion: 264 Resp: 143496
Ion Ratio Lower Upper
264 100
260 23.2 20.1 30.1
265 20.8 17.4 26.0



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

