

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080614.D
 Acq On : 24 Jul 2015 2:30
 Operator : TP/UM
 Sample : G3068-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEAST-WALL2-72215

Quant Time: Jul 24 04:45:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 01:01:51 2015
 Response via : Initial Calibration

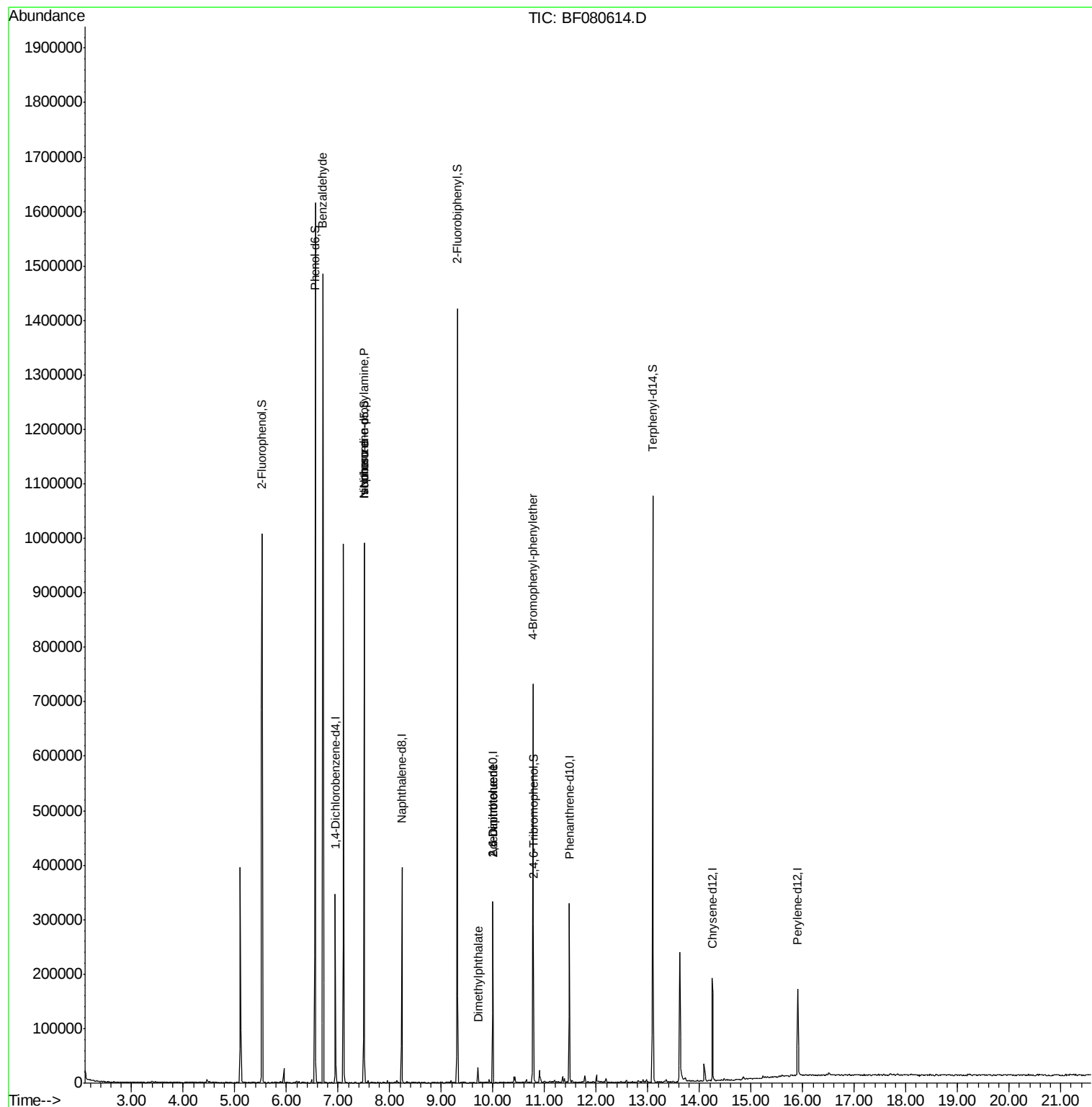
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	41671	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	154601	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	67331	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	125695	20.00	ng	0.00
75) Chrysene-d12	14.26	240	95897	20.00	ng	0.08
86) Perylene-d12	15.91	264	72556	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	302721	125.47	ng	0.01
7) Phenol-d6	6.56	99	400572	135.82	ng	0.00
23) Nitrobenzene-d5	7.50	82	248436	91.05	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	72533	135.95	ng	0.01
44) 2-Fluorobiphenyl	9.31	172	354009	76.29	ng	0.00
78) Terphenyl-d14	13.09	244	326000	71.14	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.70	77	8496	3.90	ng	83
19) n-Nitroso-di-n-propylamine	7.50	70	35571	17.80	ng	# 72
25) Isophorone	7.50	82	231734	45.86	ng	# 66
49) Dimethylphthalate	9.71	163	17026	3.44	ng	99
50) 2,6-Dinitrotoluene	10.00	165	8444	9.11	ng	# 13
56) 2,4-Dinitrotoluene	10.00	165	8444	7.27	ng	# 10
66) 4-Bromophenyl-phenylether	10.77	248	5465	4.28	ng	# 1

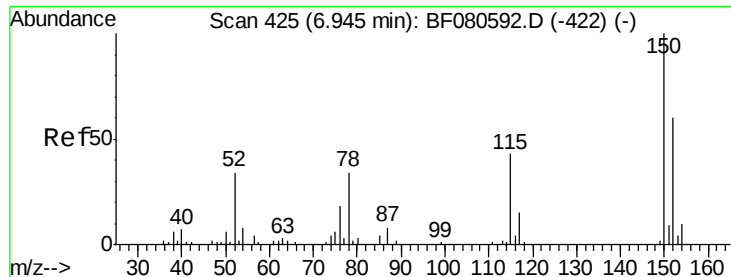
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF080614.D

Acq: 24 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

SOUTHEAST-WALL2-72215

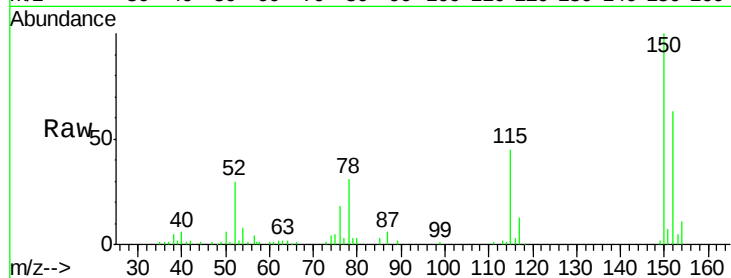
Tgt Ion:152 Resp: 41671

Ion Ratio Lower Upper

152 100

150 159.2 128.7 193.1

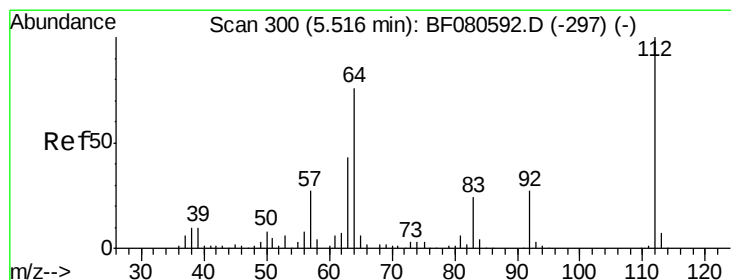
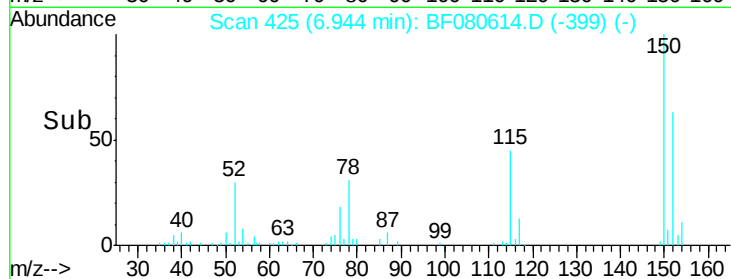
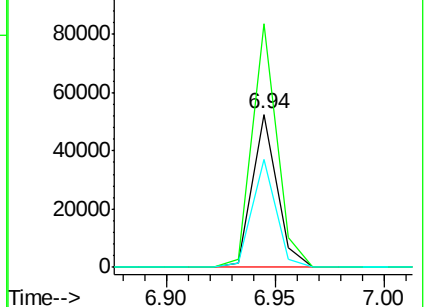
115 70.9 56.8 85.2



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: 125.47 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF080614.D

Acq: 24 Jul 2015 2:30

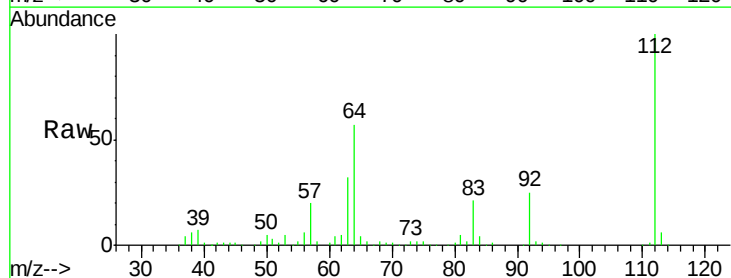
Tgt Ion:112 Resp: 302721

Ion Ratio Lower Upper

112 100

64 57.1 60.2 90.2#

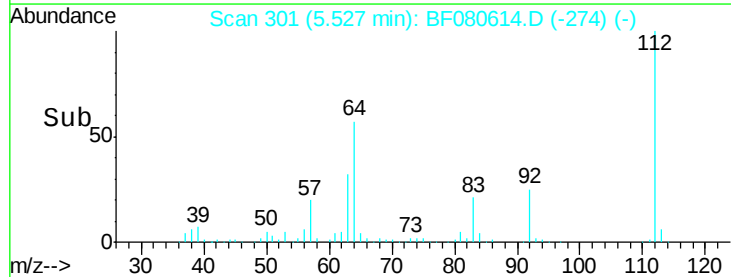
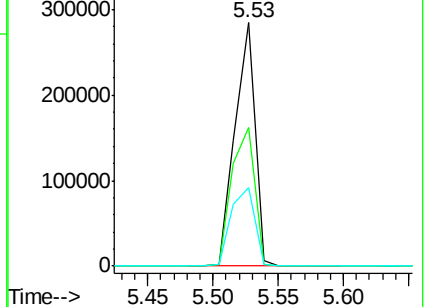
63 32.0 34.8 52.2#

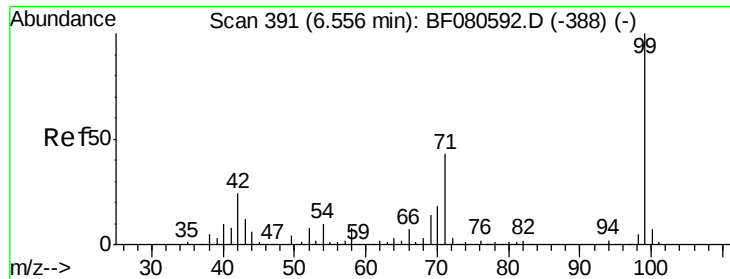


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.82 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF080614.D

Acq: 24 Jul 2015 2:30

Instrument :

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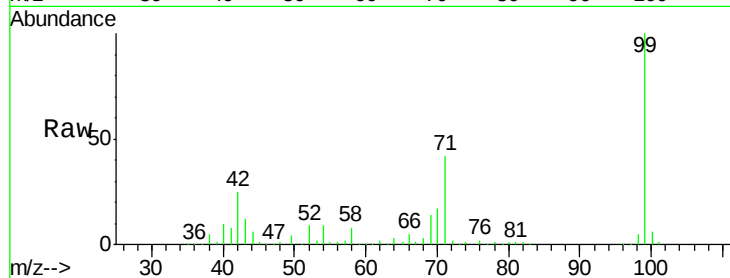
Tgt Ion: 99 Resp: 400572

Ion Ratio Lower Upper

99 100

42 25.1 17.4 26.2

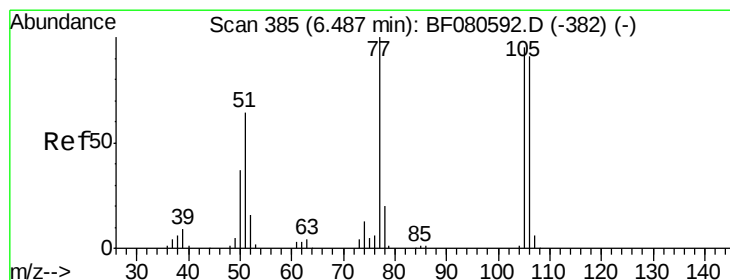
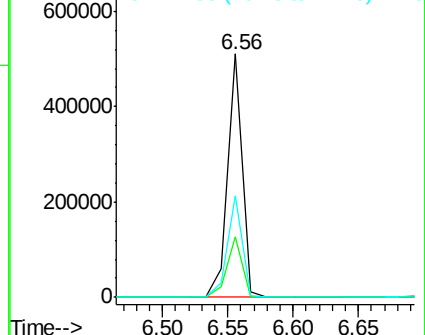
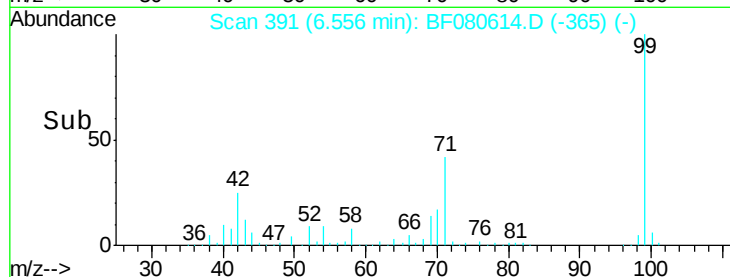
71 41.8 29.0 43.6



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



#9

Benzaldehyde

Concen: 3.90 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF080614.D

Acq: 24 Jul 2015 2:30

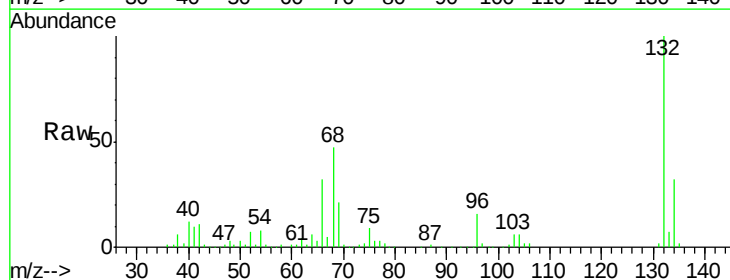
Tgt Ion: 77 Resp: 8496

Ion Ratio Lower Upper

77 100

105 76.8 72.3 112.3

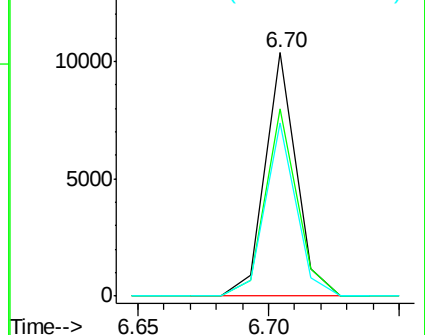
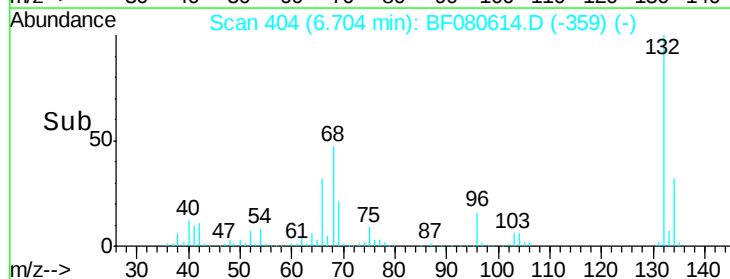
106 71.3 67.5 107.5

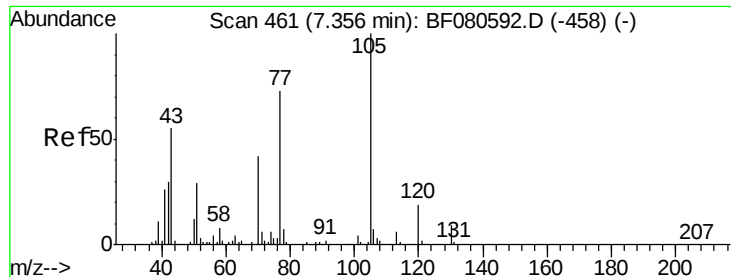


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

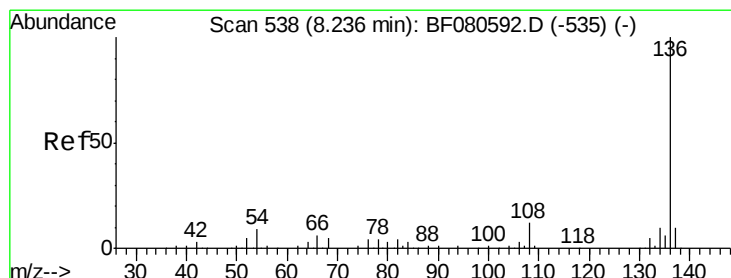
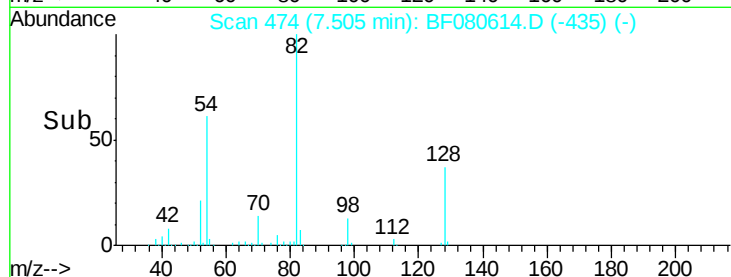
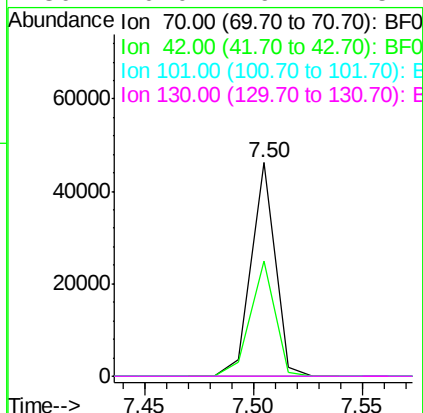
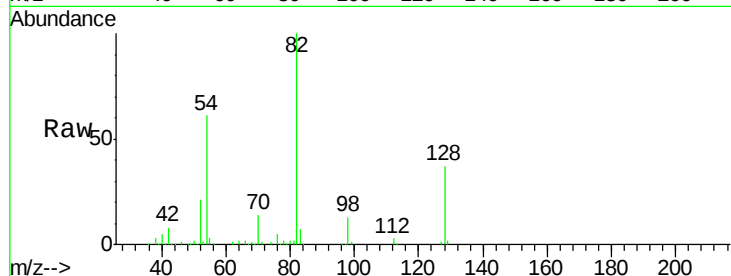




#19
n-Nitroso-di-n-propylamine
Concen: 17.80 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.15 min
Lab File: BF080614.D
Acq: 24 Jul 2015 2:30

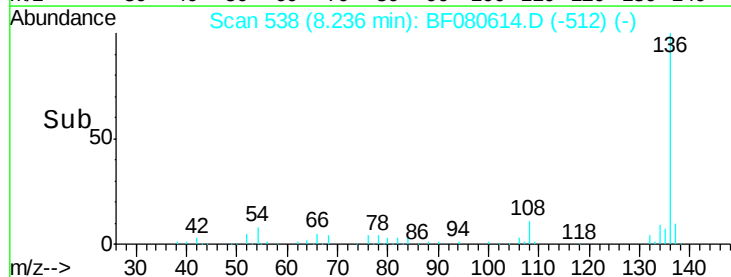
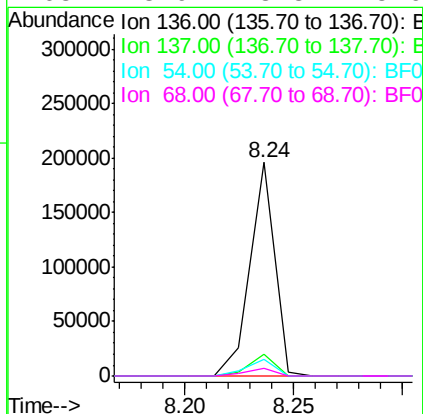
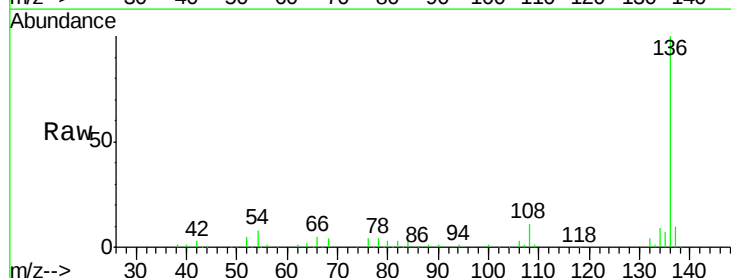
Instrument :
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SOUTHEAST-WALL2-72215

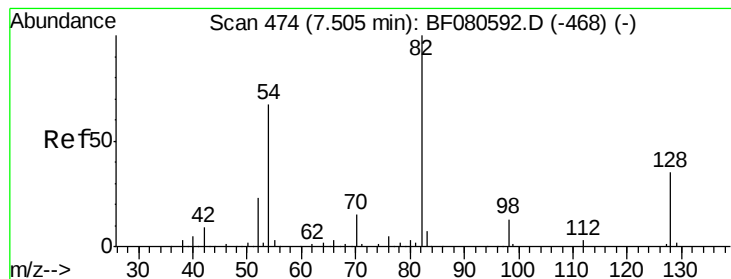
Tgt Ion: 70 Resp: 35571
Ion Ratio Lower Upper
70 100
42 54.0 56.6 85.0#
101 0.0 9.7 14.5#
130 0.0 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080614.D
Acq: 24 Jul 2015 2:30

Tgt Ion: 136 Resp: 154601
Ion Ratio Lower Upper
136 100
137 10.5 7.8 11.8
54 7.6 7.2 10.8
68 3.9 3.8 5.6





#23

Nitrobenzene-d5

Concen: 91.05 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF080614.D

Acq: 24 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

SOUTHEAST-WALL2-72215

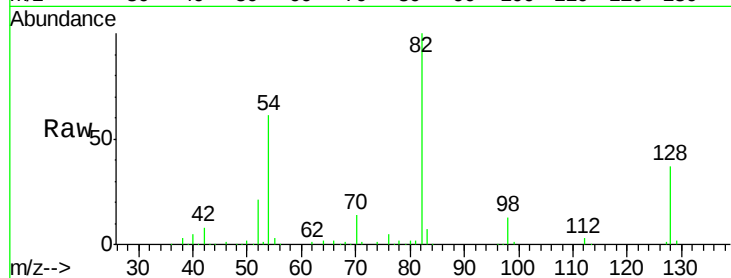
Tgt Ion: 82 Resp: 248436

Ion Ratio Lower Upper

82 100

128 37.2 28.9 43.3

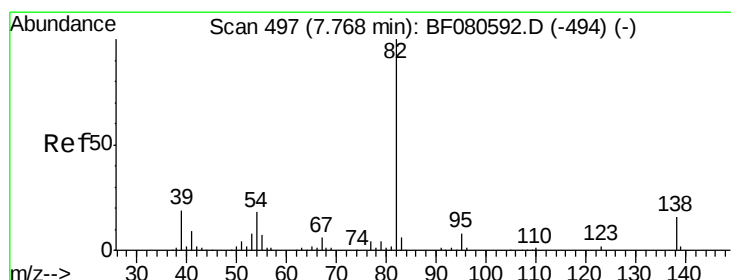
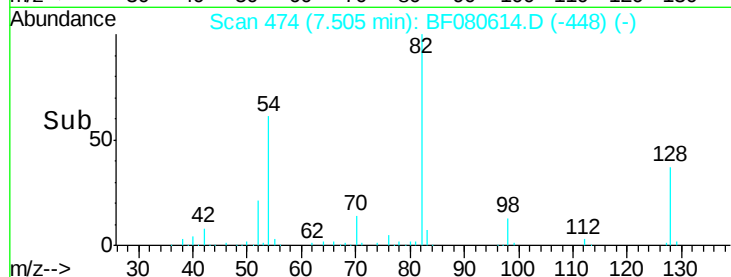
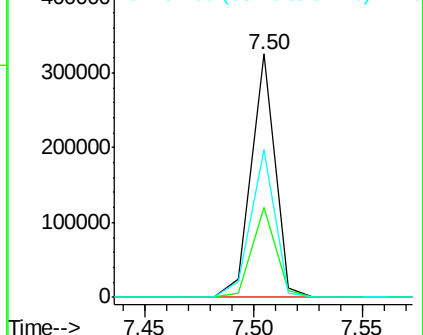
54 60.7 54.5 81.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 45.86 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.26 min

Lab File: BF080614.D

Acq: 24 Jul 2015 2:30

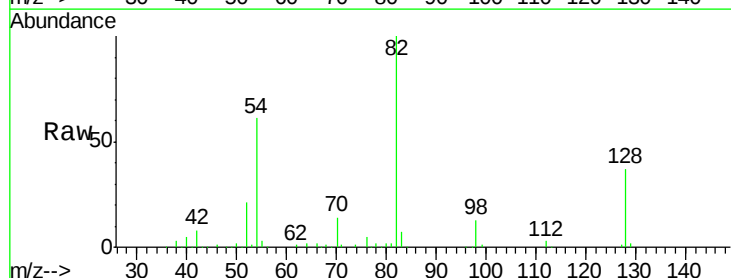
Tgt Ion: 82 Resp: 231734

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

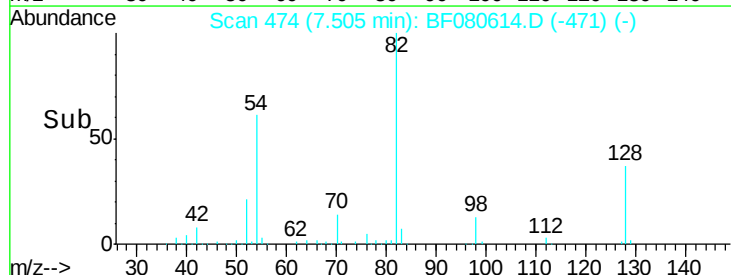
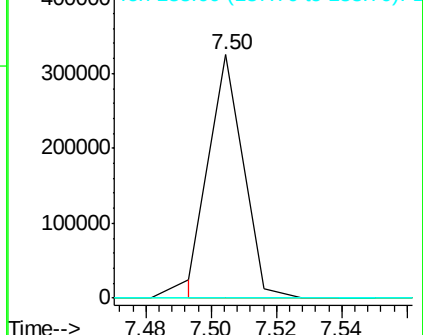
138 0.0 13.4 20.2#

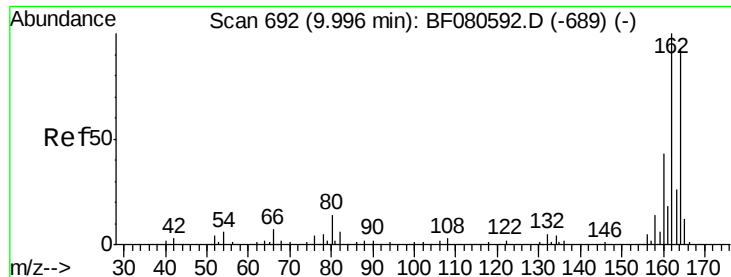


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080614.D

Acq: 24 Jul 2015 2:30

Instrument :

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ClientSampleId :

SOUTHEAST-WALL2-72215

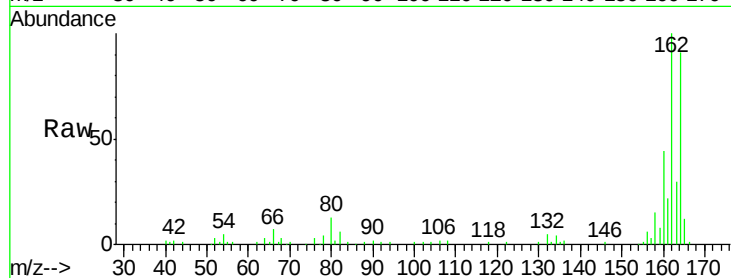
Tgt Ion:164 Resp: 67331

Ion Ratio Lower Upper

164 100

162 109.4 82.2 123.4

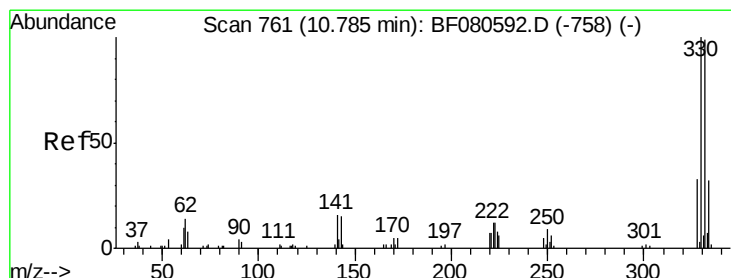
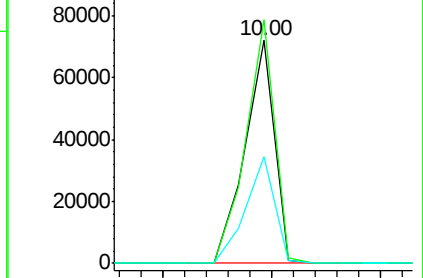
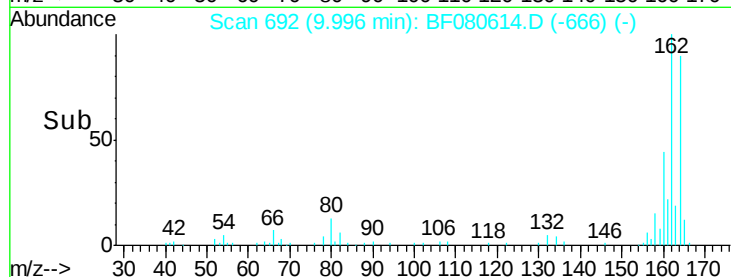
160 48.1 36.1 54.1



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: 135.95 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF080614.D

Acq: 24 Jul 2015 2:30

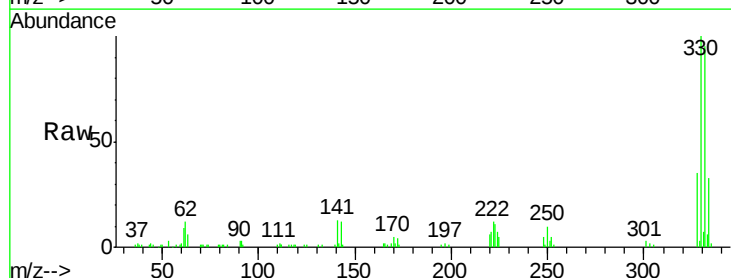
Tgt Ion:330 Resp: 72533

Ion Ratio Lower Upper

330 100

332 93.9 78.3 117.5

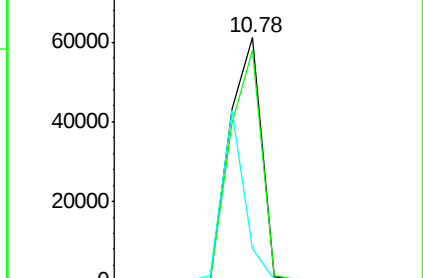
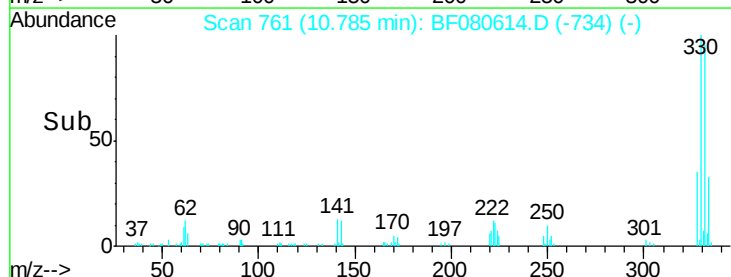
141 50.0 37.9 56.9

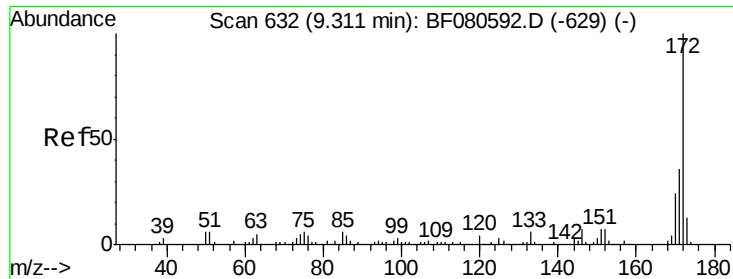


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

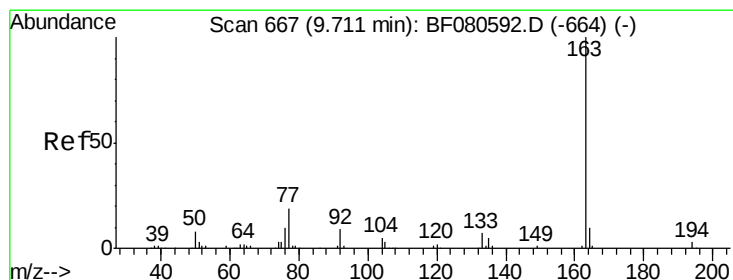
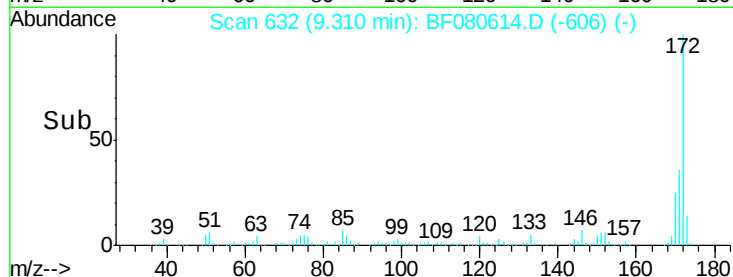
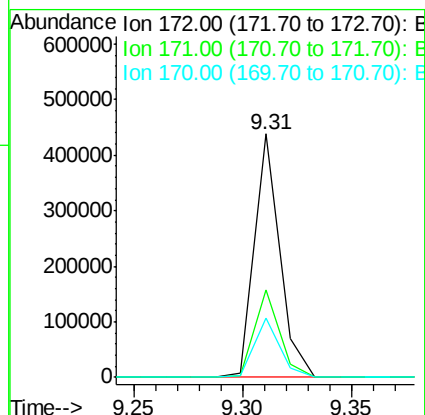
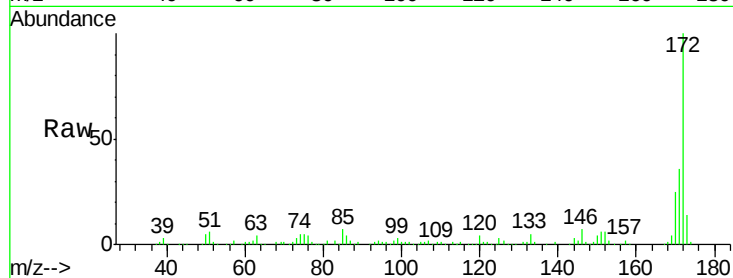




#44
2-Fluorobiphenyl
Concen: 76.29 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF080614.D
Acq: 24 Jul 2015 2:30

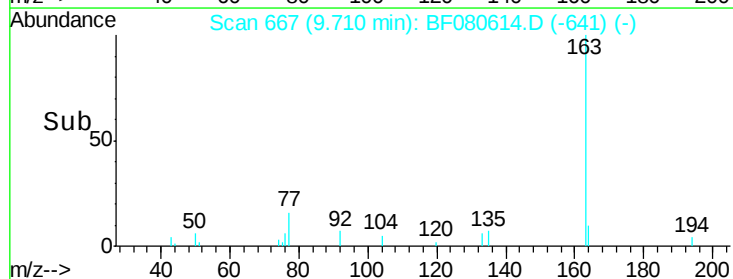
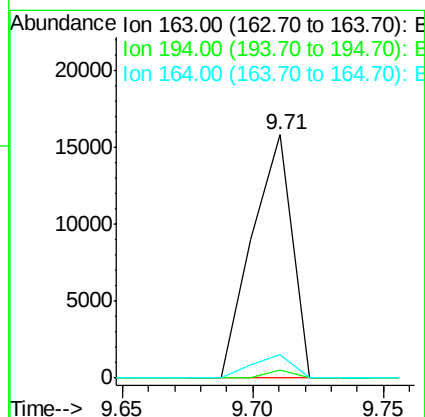
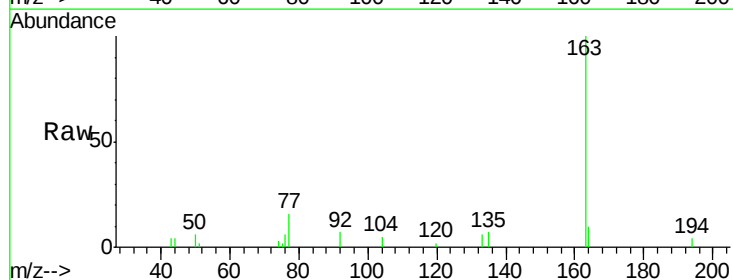
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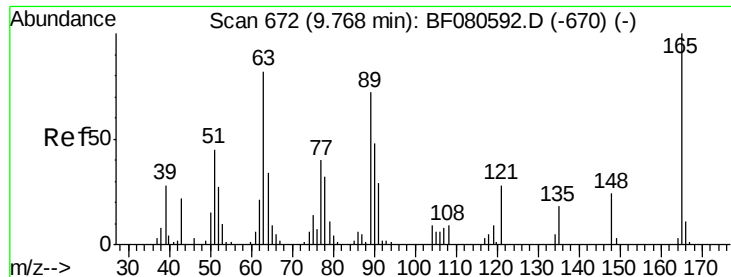
Tgt Ion:172 Resp: 354009
Ion Ratio Lower Upper
172 100
171 36.0 27.7 41.5
170 24.6 19.1 28.7



#49
Dimethylphthalate
Concen: 3.44 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080614.D
Acq: 24 Jul 2015 2:30

Tgt Ion:163 Resp: 17026
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.9 8.1 12.1

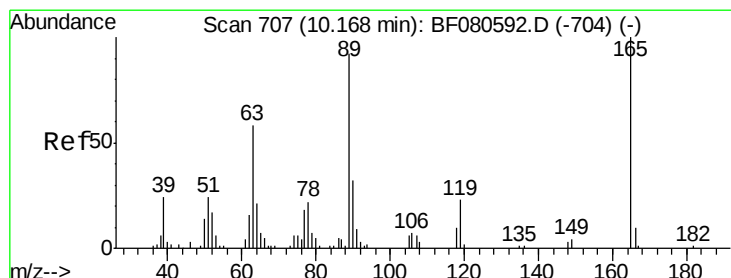
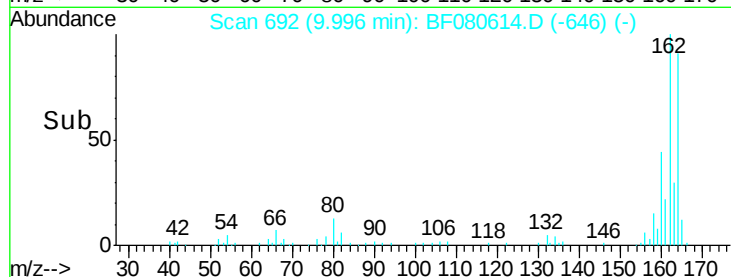
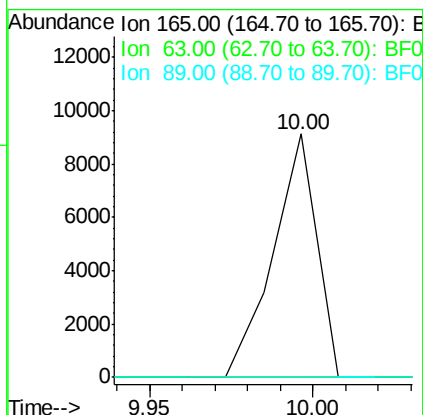
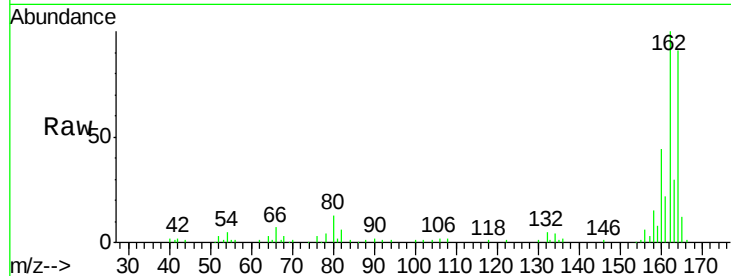




#50
 2,6-Dinitrotoluene
 Concen: 9.11 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.23 min
 Lab File: BF080614.D
 Acq: 24 Jul 2015 2:30

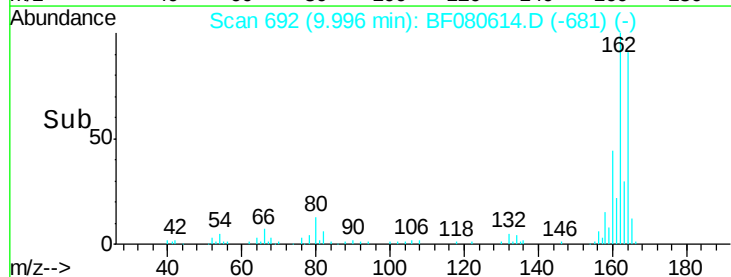
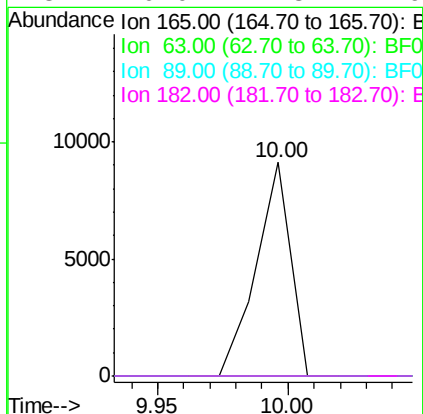
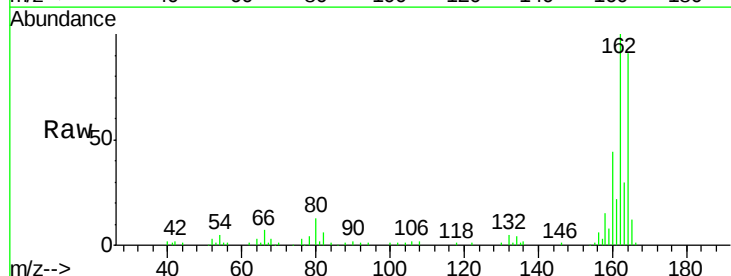
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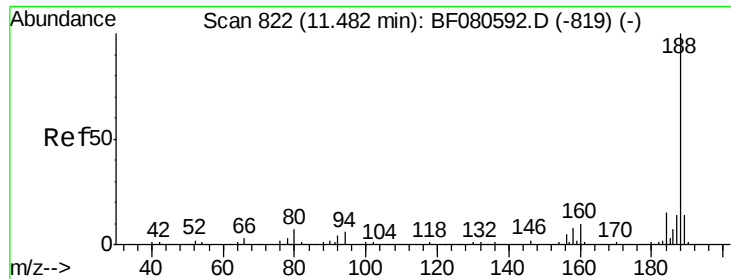
Tgt Ion:165 Resp: 8444
 Ion Ratio Lower Upper
 165 100
 63 0.0 59.0 88.6#
 89 0.0 56.9 85.3#



#56
 2,4-Dinitrotoluene
 Concen: 7.27 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.17 min
 Lab File: BF080614.D
 Acq: 24 Jul 2015 2:30

Tgt Ion:165 Resp: 8444
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.1 72.1#
 89 0.0 77.4 116.0#
 182 0.0 1.3 1.9#

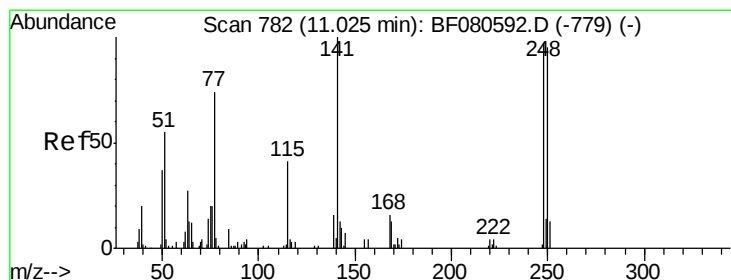
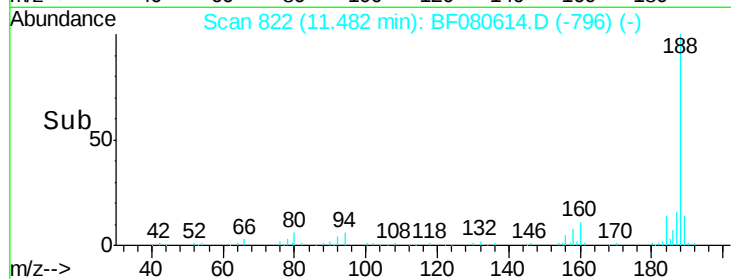
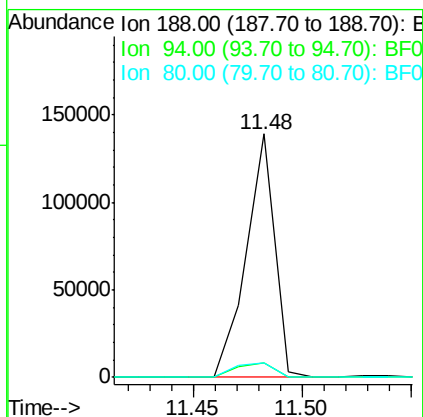
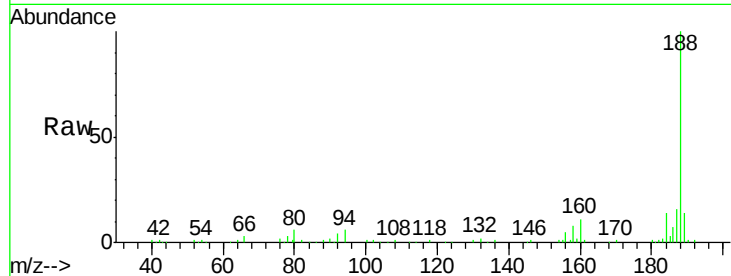




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF080614.D
 Acq: 24 Jul 2015 2:30

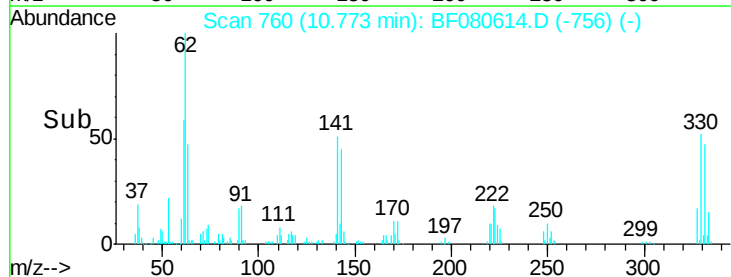
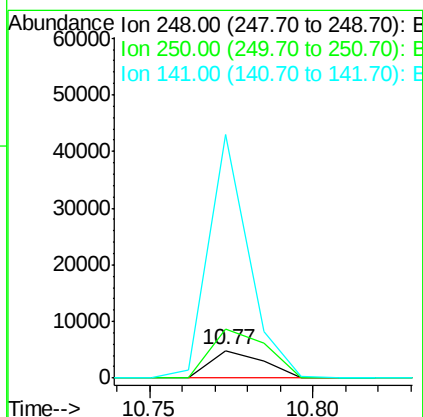
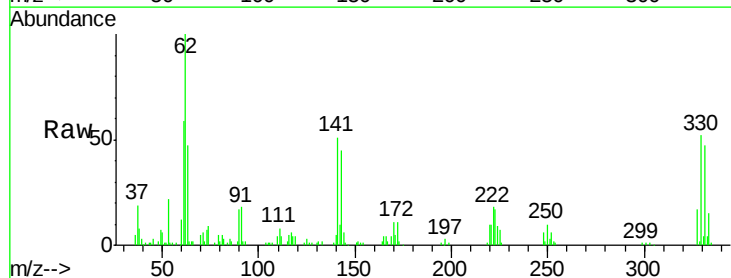
Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEAST-WALL2-72215

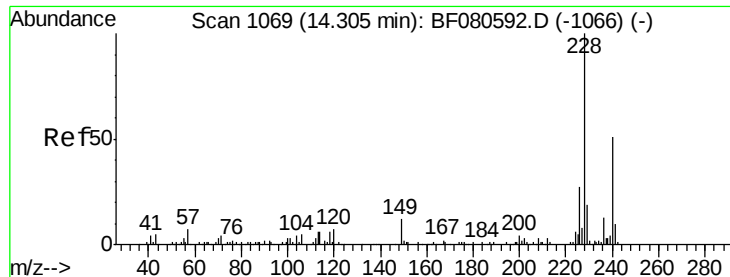
Tgt Ion:188 Resp: 125695
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.1 9.1#
 80 5.8 7.0 10.6#



#66
 4-Bromophenyl-phenylether
 Concen: 4.28 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.25 min
 Lab File: BF080614.D
 Acq: 24 Jul 2015 2:30

Tgt Ion:248 Resp: 5465
 Ion Ratio Lower Upper
 248 100
 250 178.7 75.4 113.2#
 141 877.8 93.4 140.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.26 min Scan# 1065

Delta R.T. 0.08 min

Lab File: BF080614.D

Acq: 24 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

SOUTHEAST-WALL2-72215

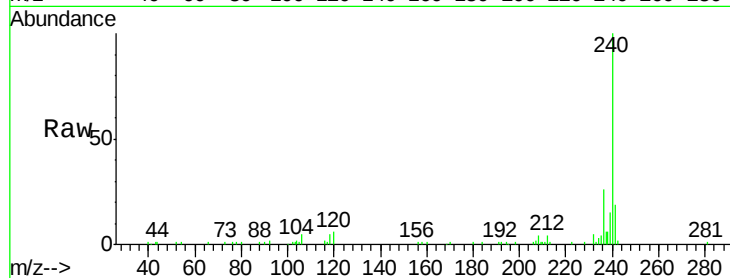
Tgt Ion:240 Resp: 95897

Ion Ratio Lower Upper

240 100

120 5.8 9.9 14.9#

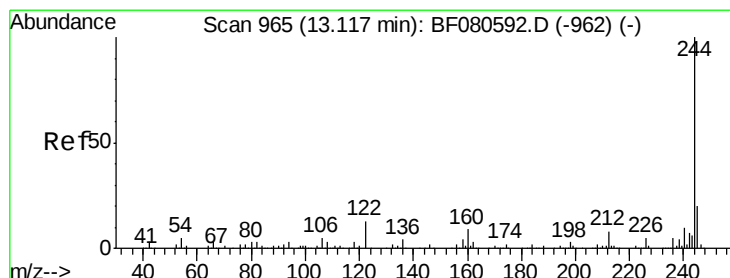
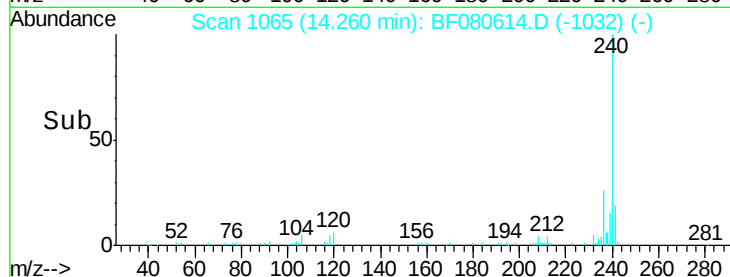
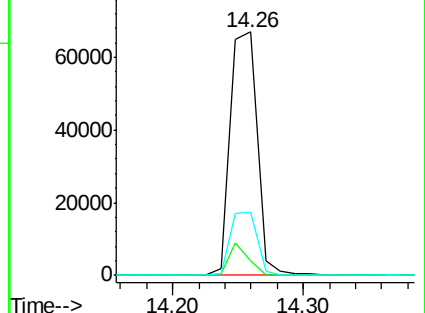
236 25.8 19.1 28.7



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: 71.14 ng

RT: 13.09 min Scan# 963

Delta R.T. 0.02 min

Lab File: BF080614.D

Acq: 24 Jul 2015 2:30

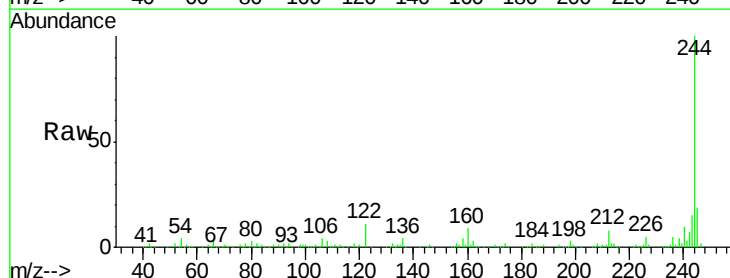
Tgt Ion:244 Resp: 326000

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

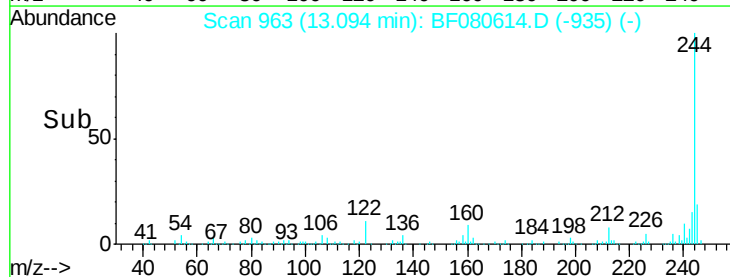
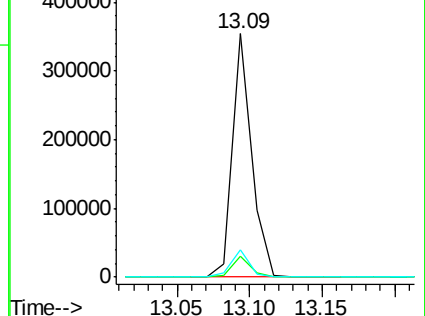
122 11.3 8.2 12.2

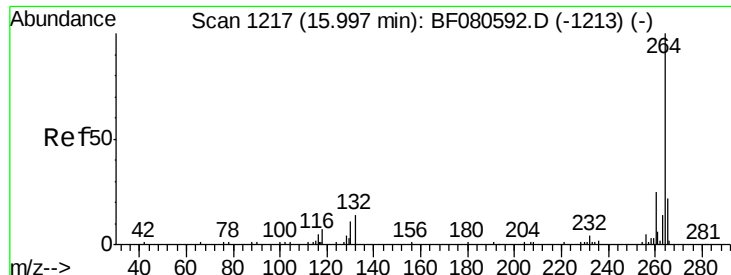


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

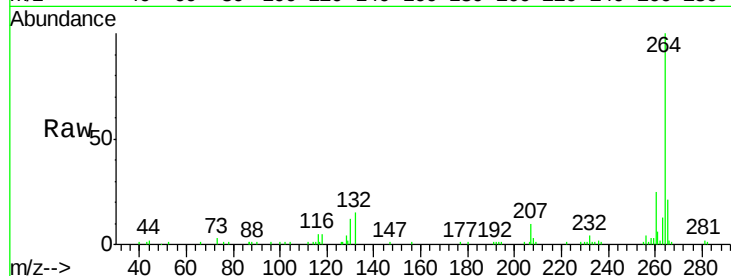




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1209
Delta R.T. 0.16 min
Lab File: BF080614.D
Acq: 24 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
SOUTHEAST-WALL2-72215

Tgt Ion:	264	Resp:	72556
Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.8	26.8
265	21.2	15.6	23.4



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

