

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082801.D
 Acq On : 7 Nov 2015 10:36
 Operator : UM/IZ
 Sample : G4246-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-12C

Quant Time: Nov 08 23:59:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

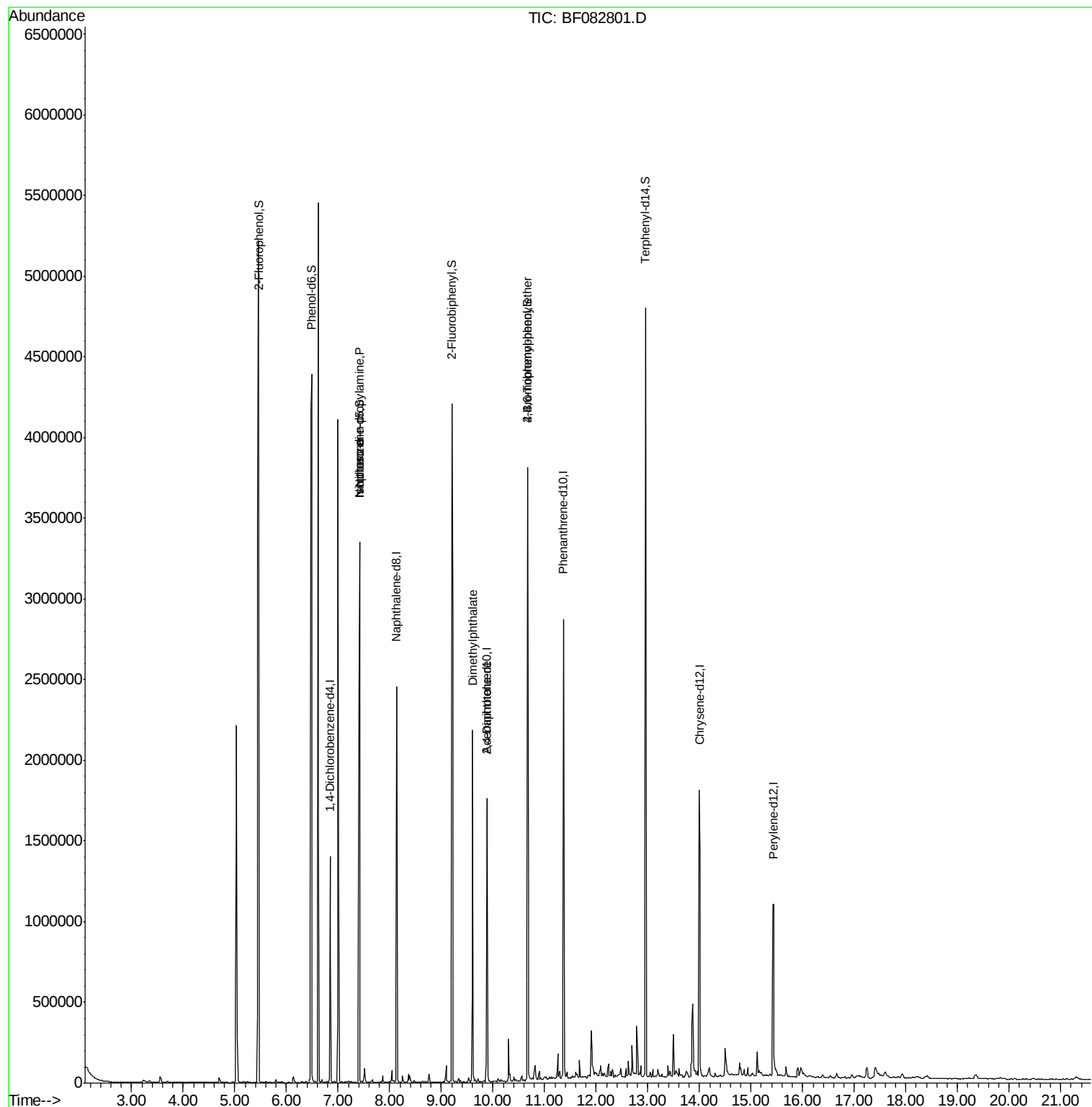
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	247129	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1030050	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	512794	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	939202	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	836418	20.00	ng	-0.02
86) Perylene-d12	15.44	264	633128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1736540	109.33	ng	0.01
7) Phenol-d6	6.49	99	2378965	112.67	ng	0.01
23) Nitrobenzene-d5	7.41	82	1493859	63.11	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	484125	82.34	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1762896	49.27	ng	-0.01
78) Terphenyl-d14	12.96	244	1398091	39.65	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	197584	12.73	ng	# 64
25) Isophorone	7.41	82	1392634	31.79	ng	# 70
49) Dimethylphthalate	9.61	163	876780	20.87	ng	98
56) 2,4-Dinitrotoluene	9.88	165	64344	5.29	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	30427	2.69	ng	# 1

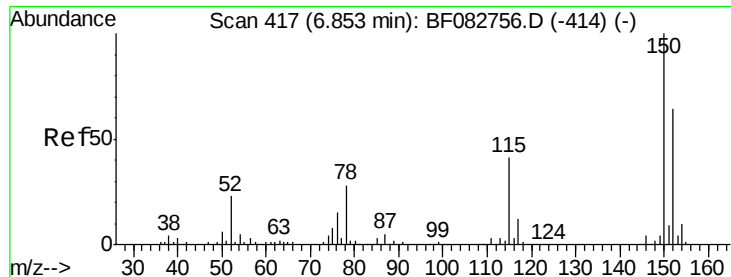
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 08 23:59:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Instrument :

BNA_F

ClientSampleId :

T-12C

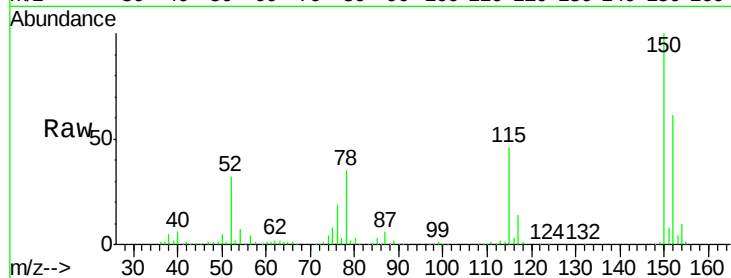
Tgt Ion:152 Resp: 247129

Ion Ratio Lower Upper

152 100

150 163.9 127.0 190.4

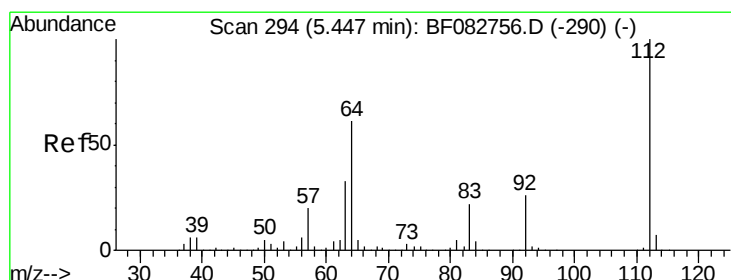
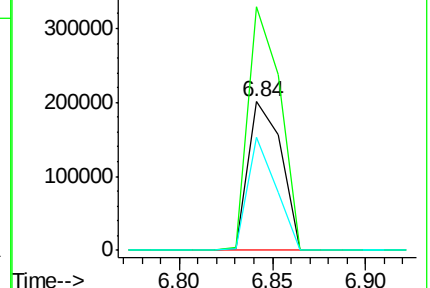
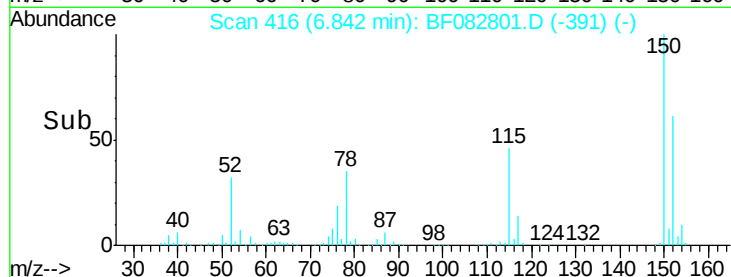
115 75.7 47.0 70.6#



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: 109.33 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

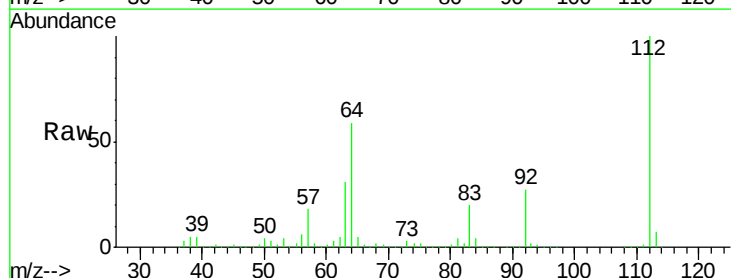
Tgt Ion:112 Resp: 1736540

Ion Ratio Lower Upper

112 100

64 59.2 48.9 73.3

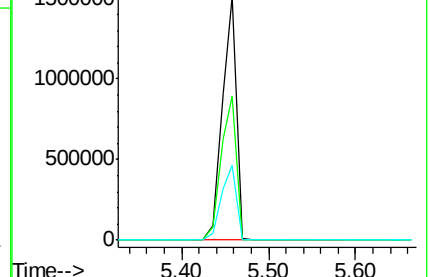
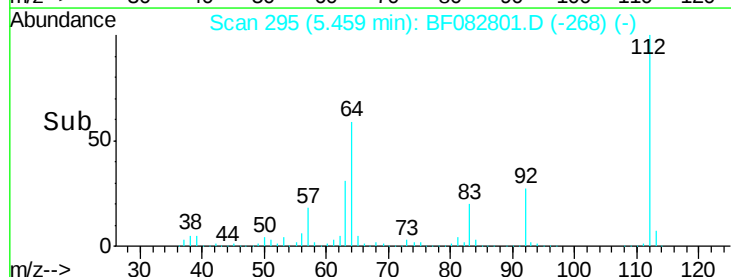
63 30.8 28.1 42.1

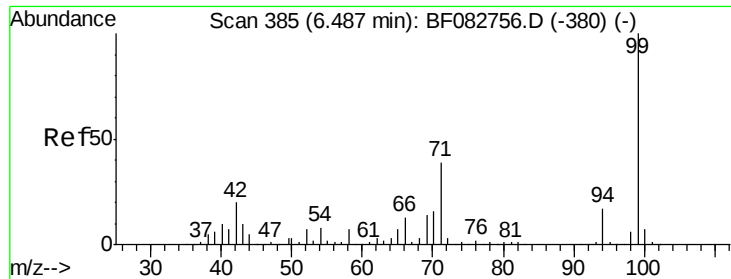


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.67 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Instrument :

BNA_F

ClientSampleId :

T-12C

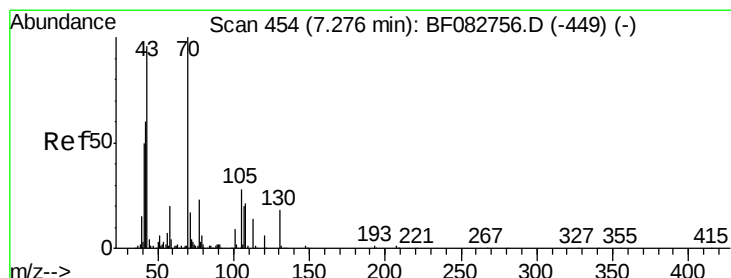
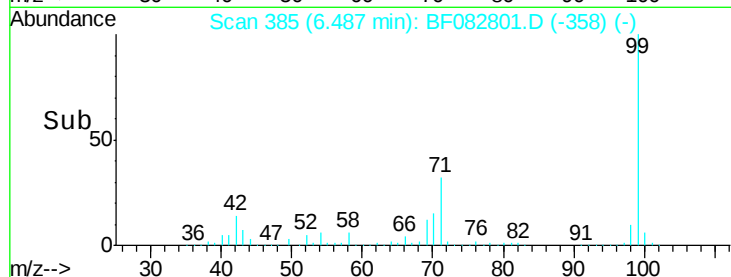
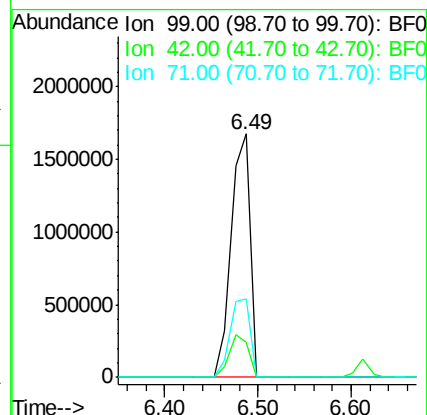
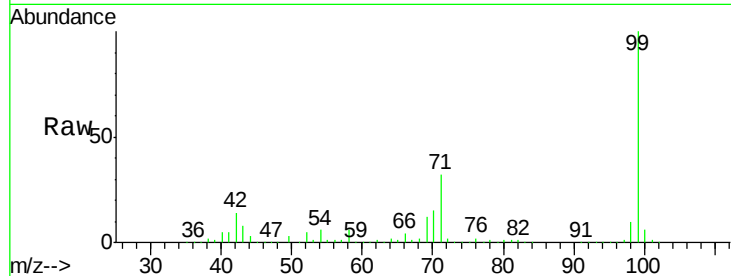
Tgt Ion: 99 Resp: 2378965

Ion Ratio Lower Upper

99 100

42 14.3 19.2 28.8#

71 32.1 35.0 52.4#



#19

n-Nitroso-di-n-propylamine

Concen: 12.73 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.15 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Tgt Ion: 70 Resp: 197584

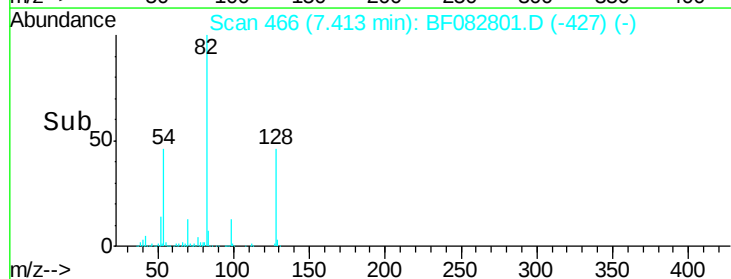
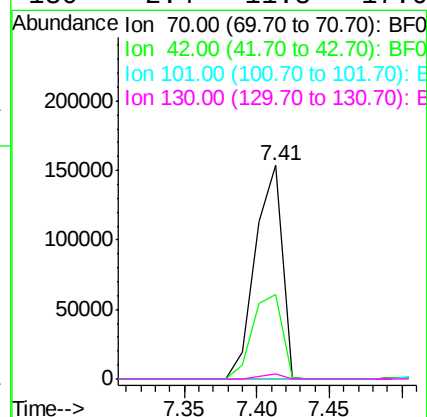
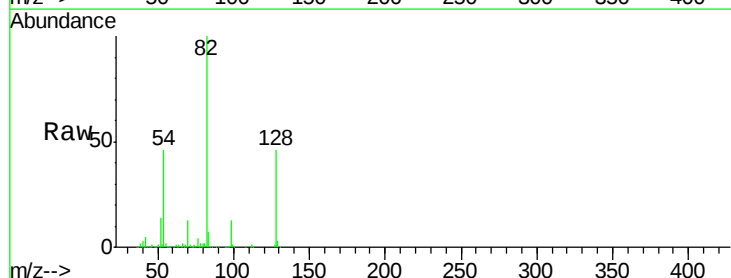
Ion Ratio Lower Upper

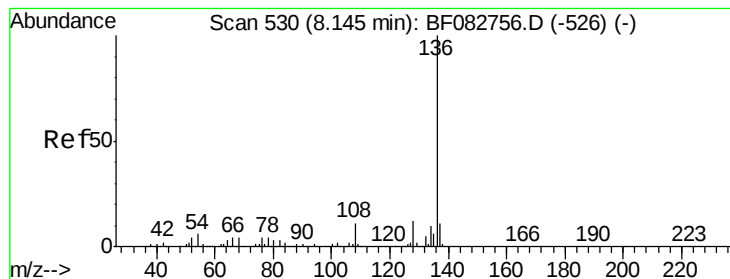
70 100

42 39.7 57.7 86.5#

101 0.0 7.0 10.6#

130 2.4 11.8 17.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Instrument :

BNA_F

ClientSampleId :

T-12C

Tgt Ion:136 Resp: 1030050

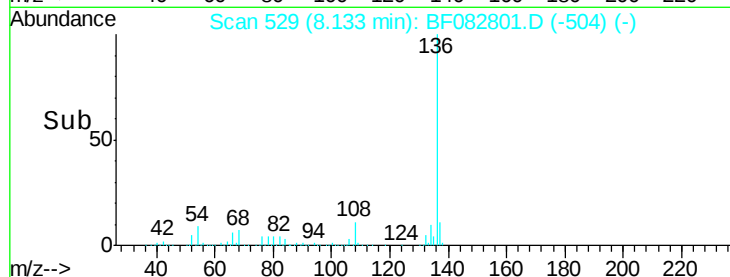
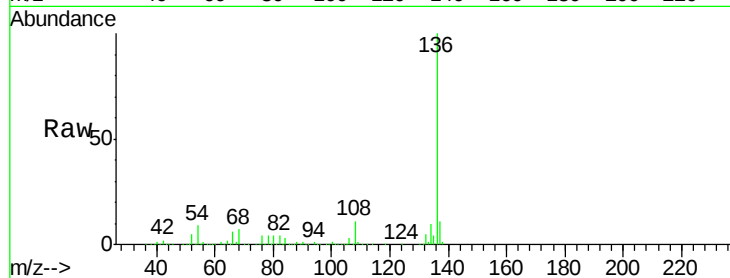
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.0 9.1 13.7#

68 6.9 4.8 7.2

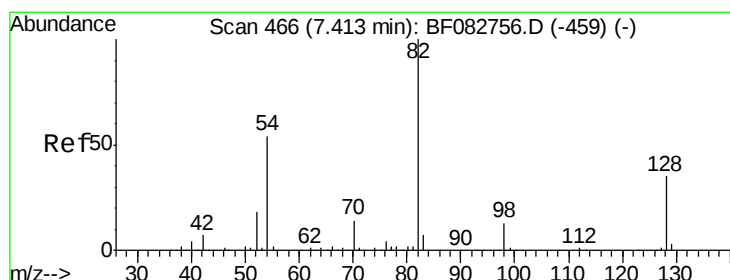
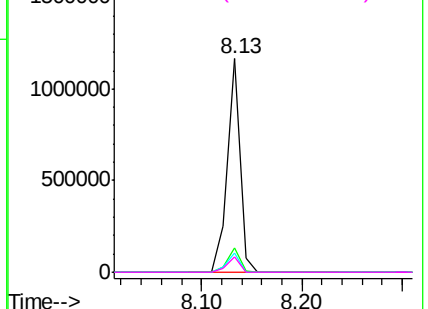


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.11 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

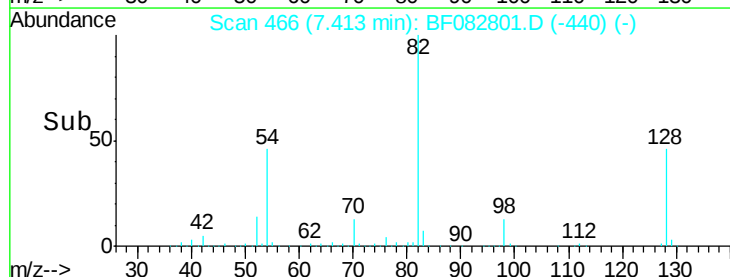
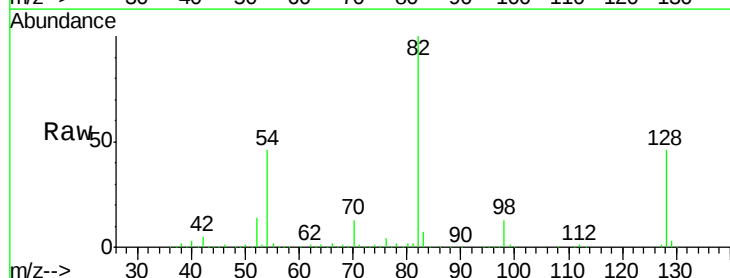
Tgt Ion: 82 Resp: 1493859

Ion Ratio Lower Upper

82 100

128 46.1 26.8 40.2#

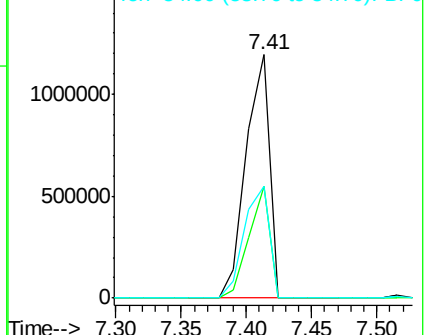
54 46.0 45.7 68.5

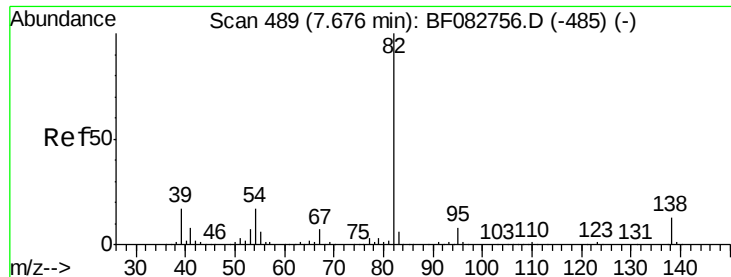


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.79 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Instrument :

BNA_F

ClientSampleId :

T-12C

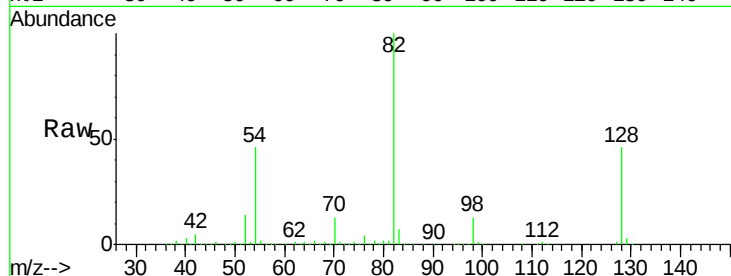
Tgt Ion: 82 Resp: 1392634

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

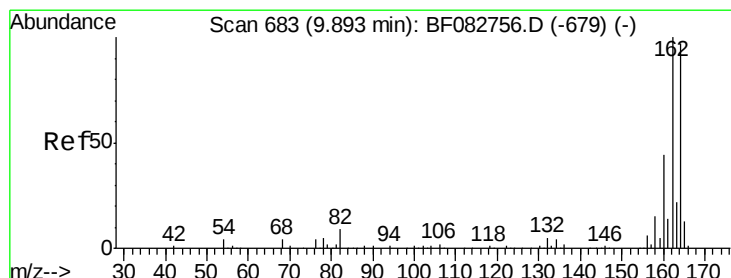
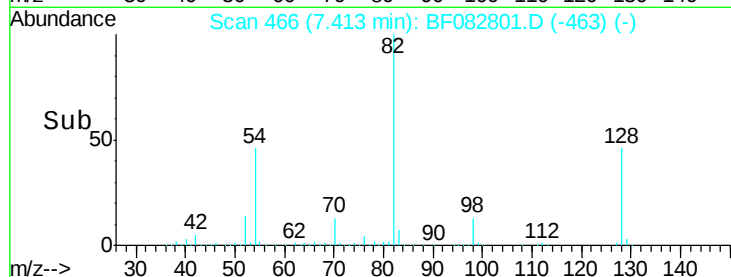
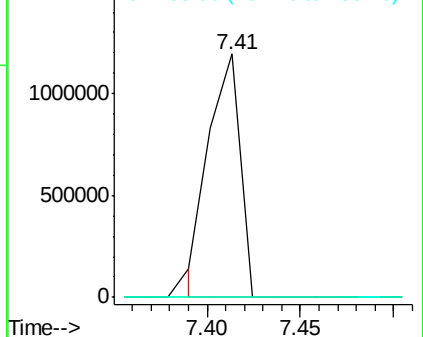
138 0.0 11.4 17.0#



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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

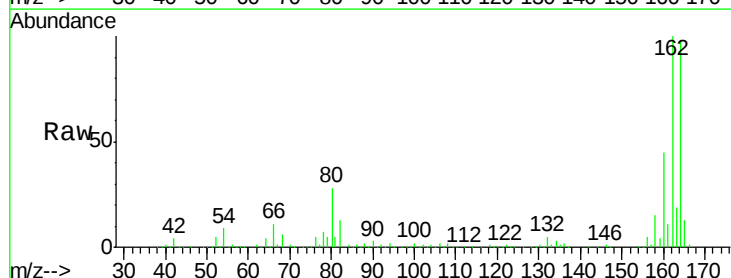
Tgt Ion: 164 Resp: 512794

Ion Ratio Lower Upper

164 100

162 101.8 84.9 127.3

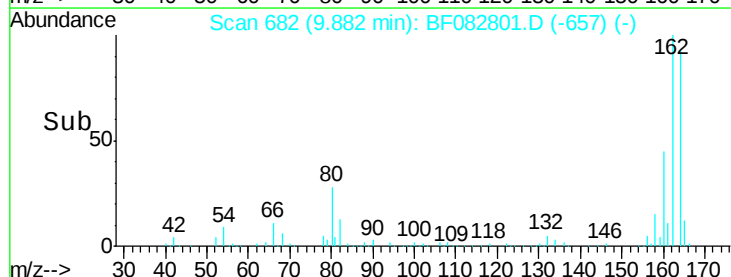
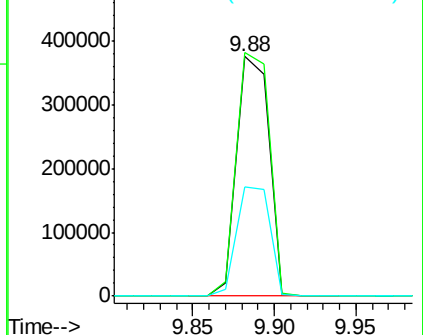
160 45.8 37.5 56.3

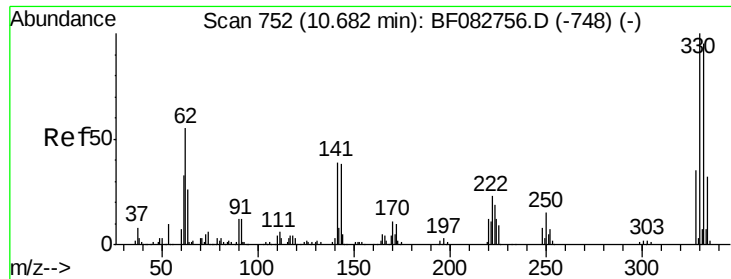


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

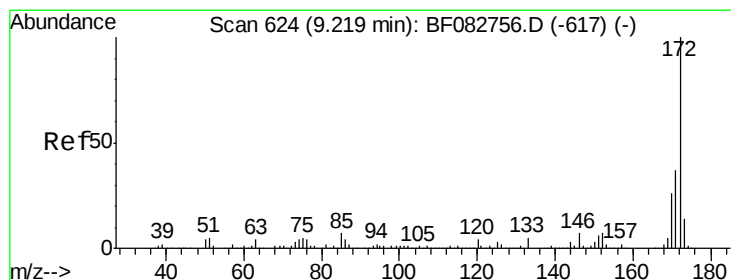
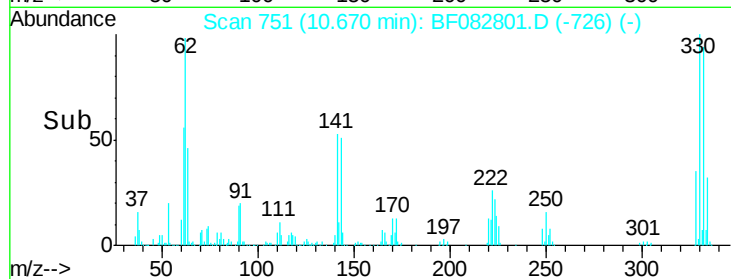
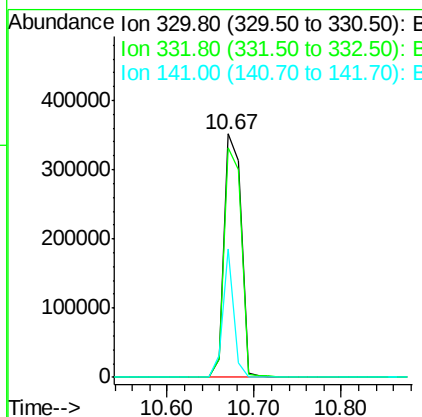
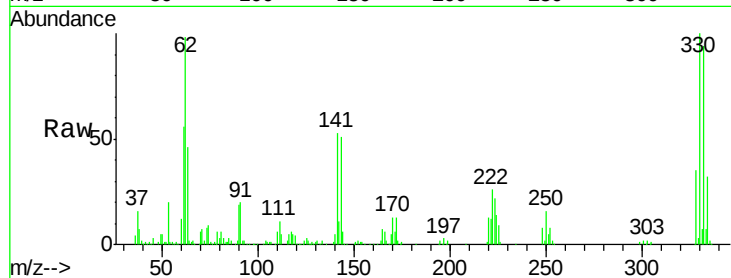




#41
 2,4,6-Tribromophenol
 Concen: 82.34 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082801.D
 Acq: 7 Nov 2015 10:36

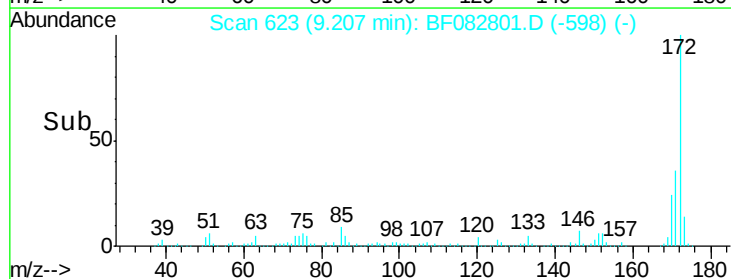
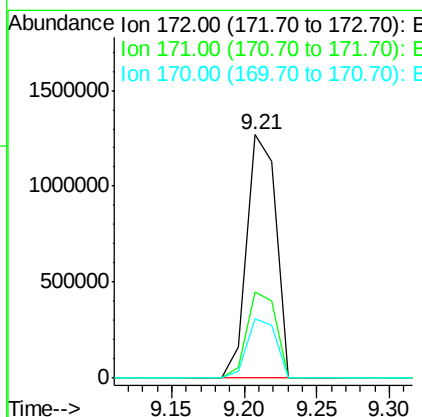
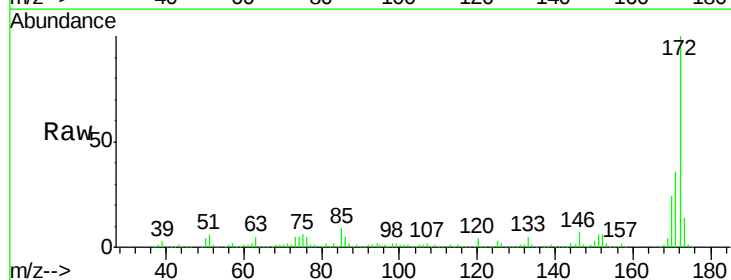
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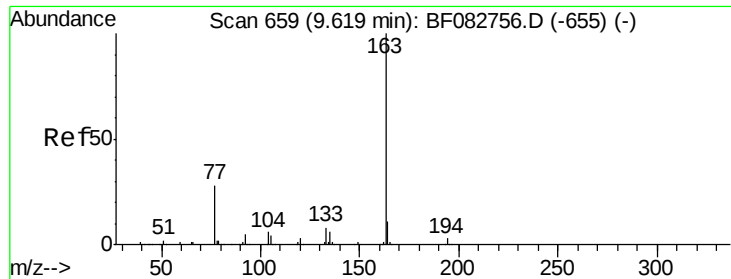
Tgt Ion:330 Resp: 484125
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 34.7 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 49.27 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082801.D
 Acq: 7 Nov 2015 10:36

Tgt Ion:172 Resp: 1762896
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.8 46.2
 170 24.4 21.2 31.8

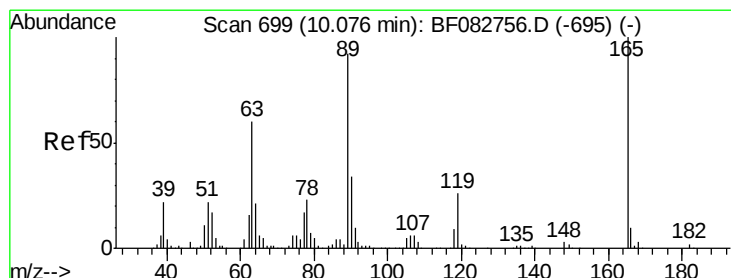
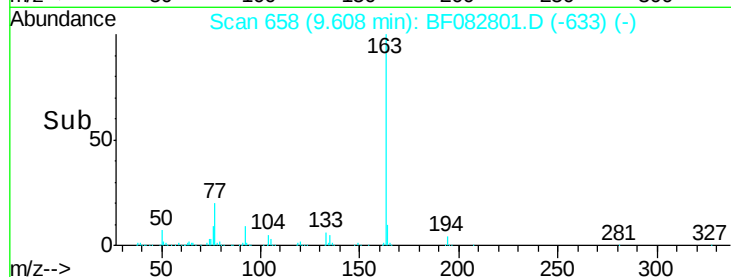
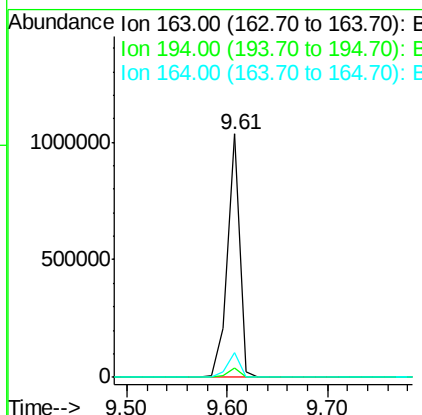
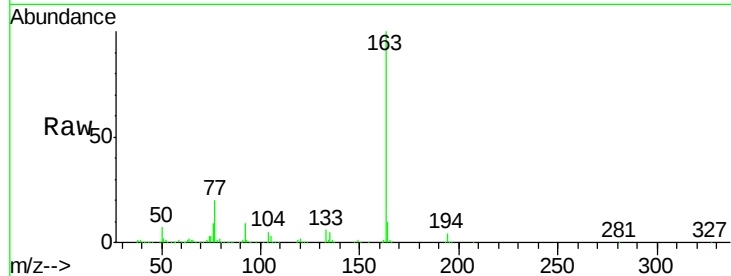




#49
Dimethylphthalate
Concen: 20.87 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082801.D
Acq: 7 Nov 2015 10:36

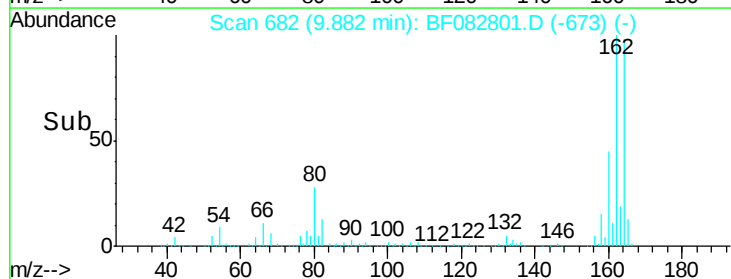
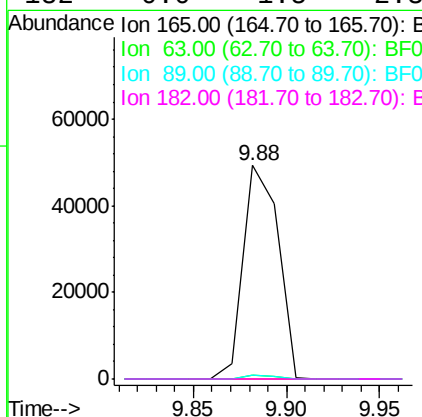
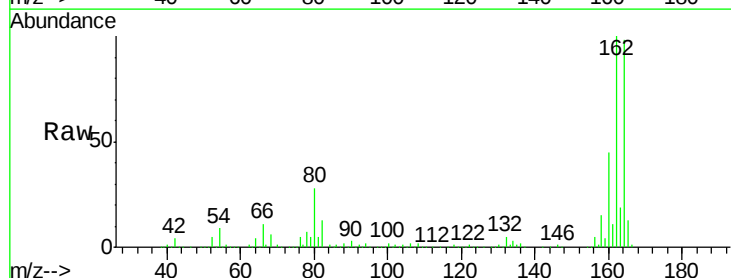
Instrument :
BNA_F
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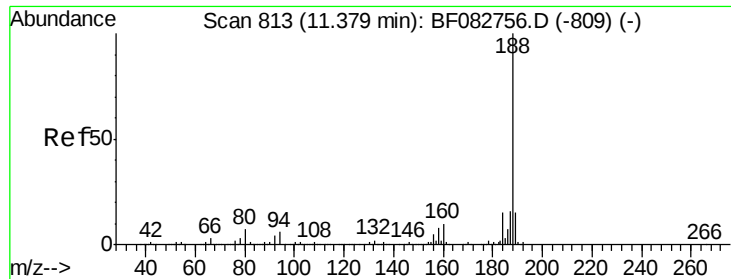
Tgt Ion:163 Resp: 876780
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.2 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082801.D
Acq: 7 Nov 2015 10:36

Tgt Ion:165 Resp: 64344
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.0#
89 1.6 70.6 106.0#
182 0.0 1.5 2.3#

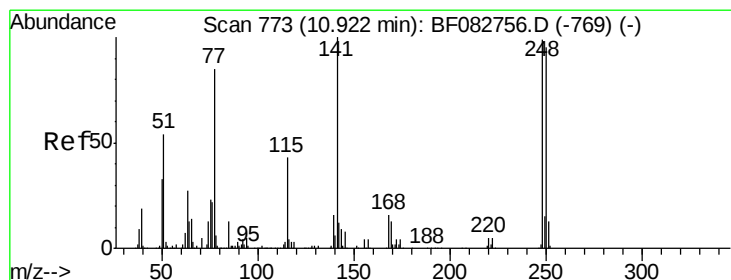
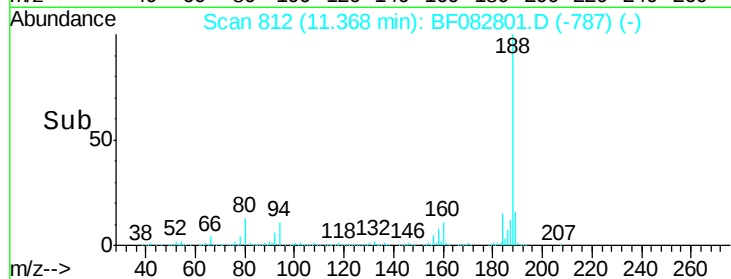
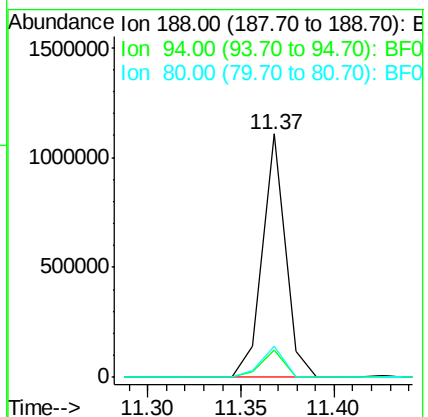
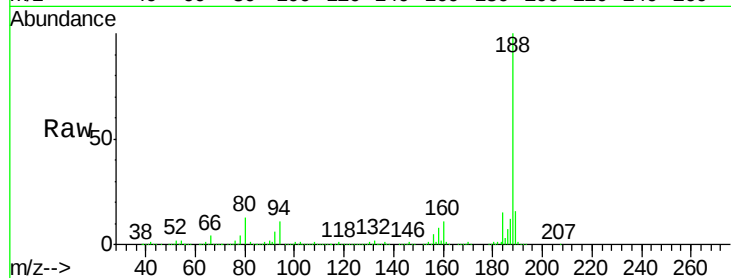




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082801.D
Acq: 7 Nov 2015 10:36

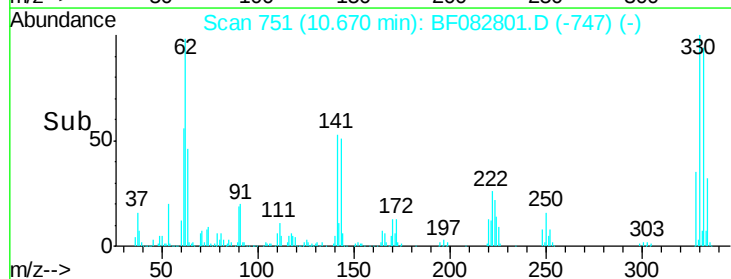
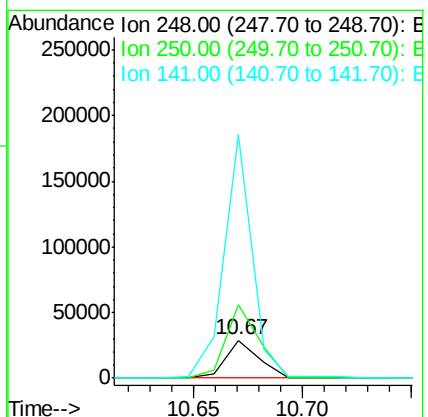
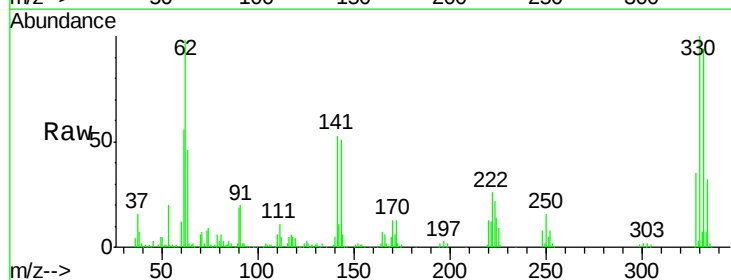
Instrument :
BNA_F
ClientSampleId :
T-12C

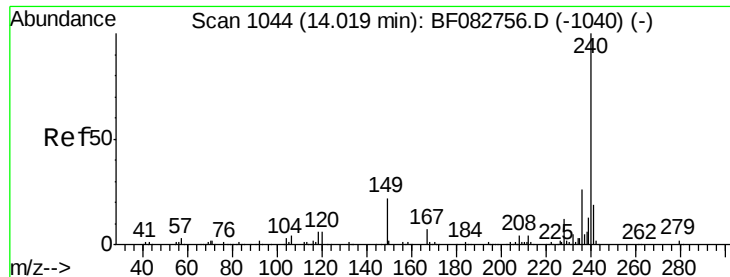
Tgt Ion:188 Resp: 939202
Ion Ratio Lower Upper
188 100
94 11.1 6.1 9.1#
80 12.6 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 2.69 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF082801.D
Acq: 7 Nov 2015 10:36

Tgt Ion:248 Resp: 30427
Ion Ratio Lower Upper
248 100
250 196.4 79.4 119.2#
141 647.1 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

Instrument :

BNA_F

ClientSampleId :

T-12C

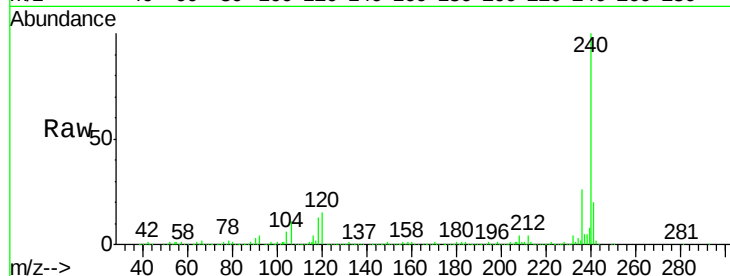
Tgt Ion:240 Resp: 836418

Ion Ratio Lower Upper

240 100

120 14.7 10.9 16.3

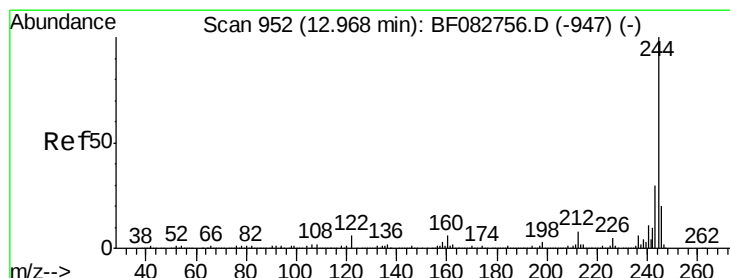
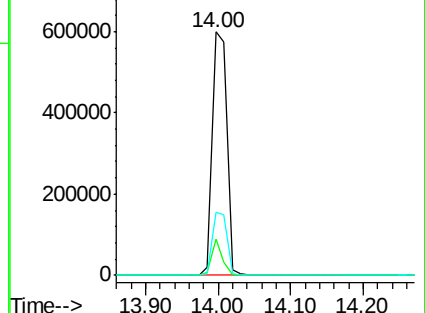
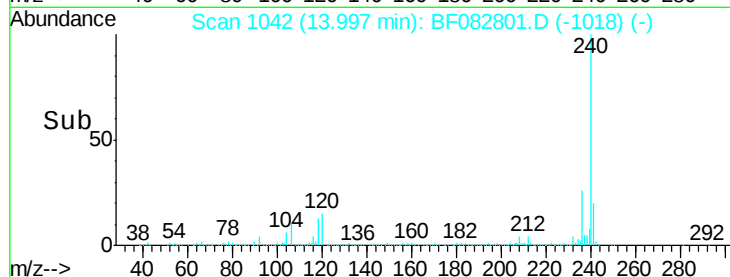
236 25.8 21.6 32.4



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: 39.65 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082801.D

Acq: 7 Nov 2015 10:36

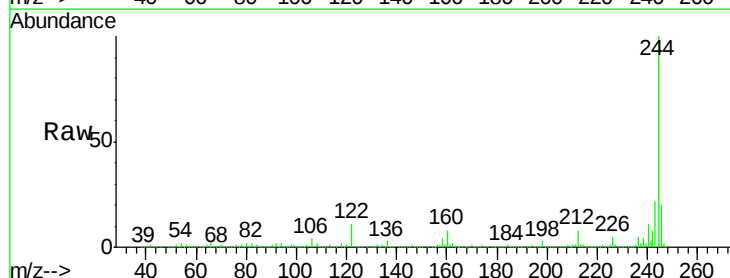
Tgt Ion:244 Resp: 1398091

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

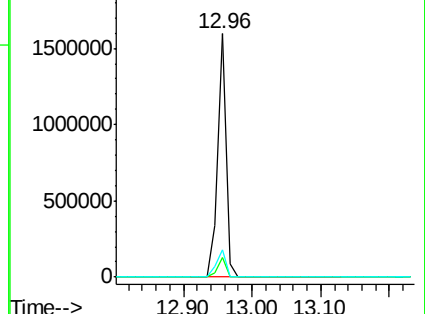
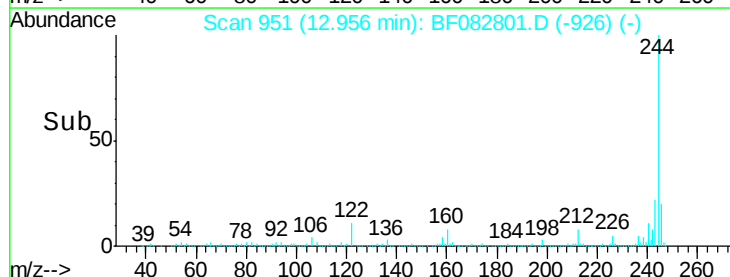
122 11.1 11.3 16.9#

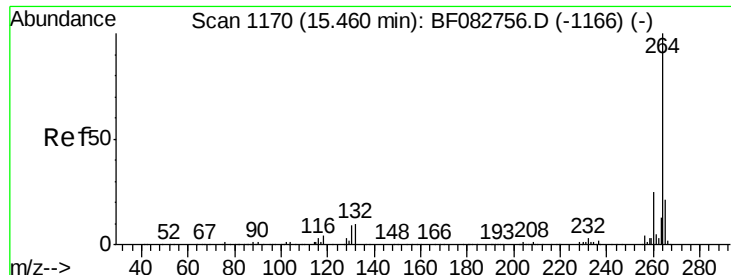


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

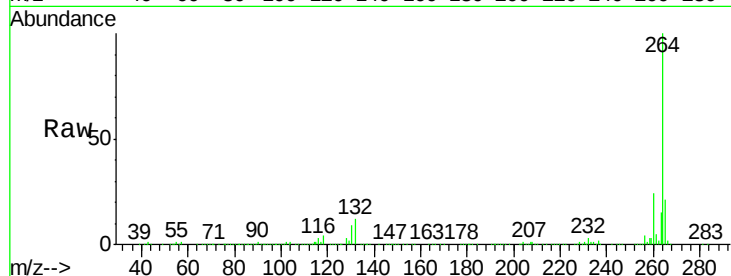




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082801.D
 Acq: 7 Nov 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 T-12C

Tgt Ion: 264 Resp: 633128
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.3 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

