

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084427.D
 Acq On : 12 Jan 2016 23:39
 Operator : SJ/UM
 Sample : PB87777TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87777TB

Quant Time: Jan 13 00:42:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	278396	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1056114	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	512535	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	956504	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	716061	20.00	ng	-0.07
86) Perylene-d12	15.43	264	526499	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1960201	113.89	ng	-0.03
7) Phenol-d6	6.49	99	2348458	108.64	ng	-0.05
23) Nitrobenzene-d5	7.40	82	1425141	75.10	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	535672	103.52	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2480185	85.14	ng	-0.06
78) Terphenyl-d14	12.96	244	2245881	70.01	ng	-0.06

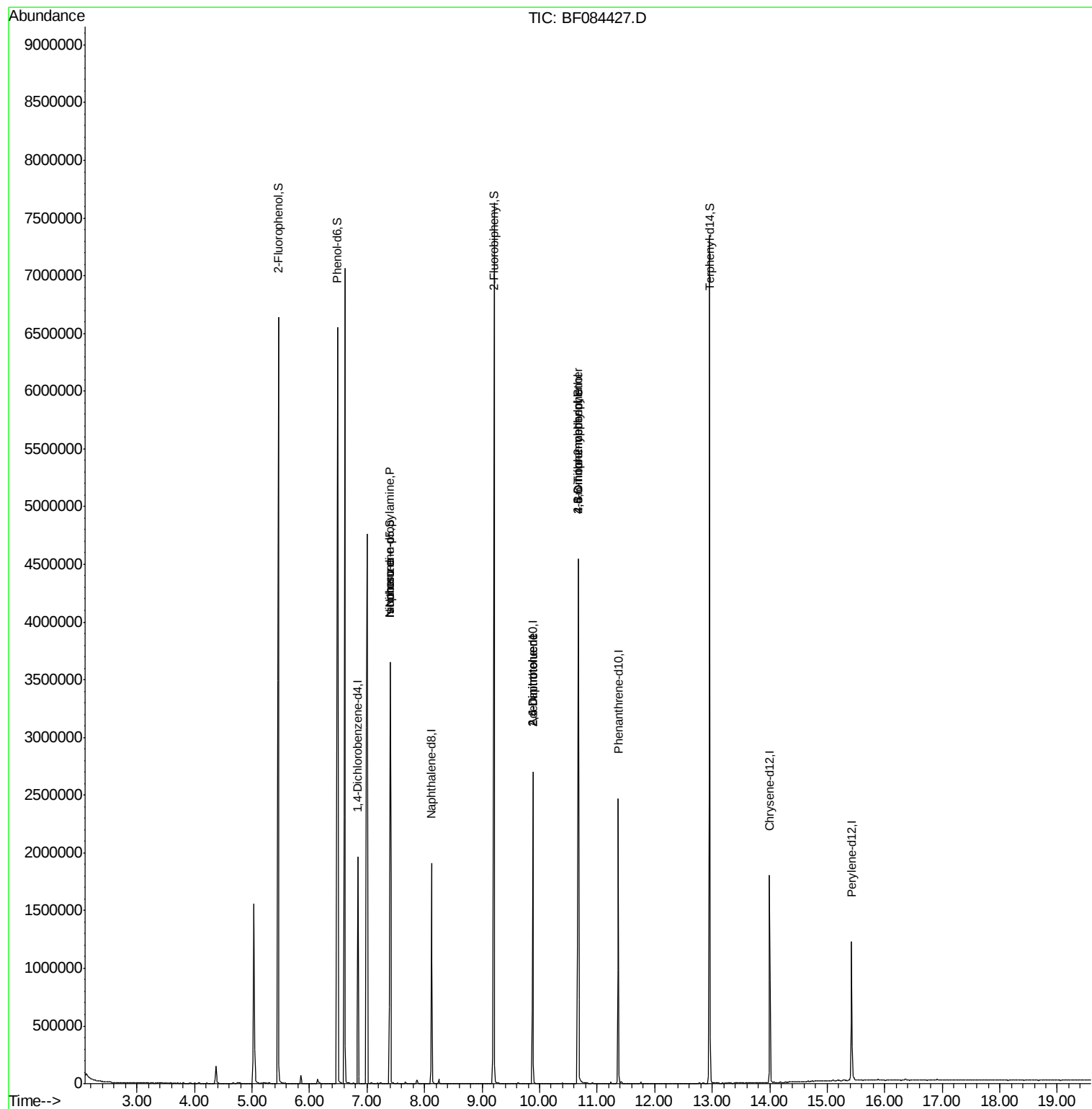
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	188388	12.87	ng	# 72
25) Isophorone	7.40	82	1265303	34.86	ng	# 66
50) 2,6-Dinitrotoluene	9.88	165	69065	8.59	ng	# 37
56) 2,4-Dinitrotoluene	9.88	165	69053	6.79	ng	# 21
57) Fluorene	10.67	166	24509	Below Cal		# 93
64) 4,6-Dinitro-2-methylphenol	10.67	198	1174	6.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	34883	3.39	ng	# 1
73) Di-n-butylphthalate	11.94	149	531	Below Cal		# 79

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

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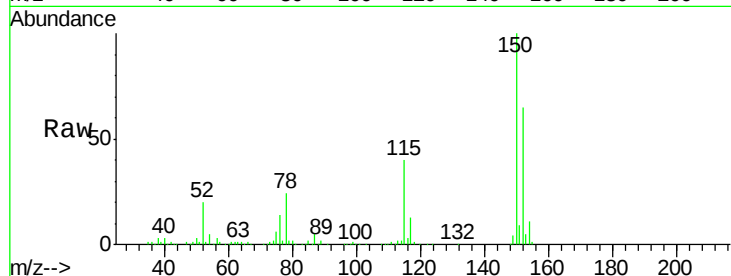
Tgt Ion:152 Resp: 278396

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.4

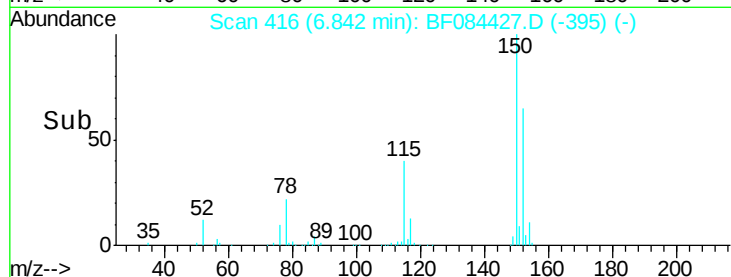
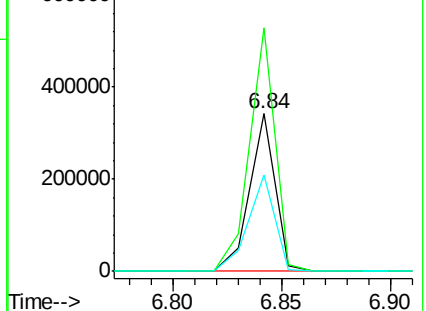
115 61.5 51.4 77.2



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: 113.89 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

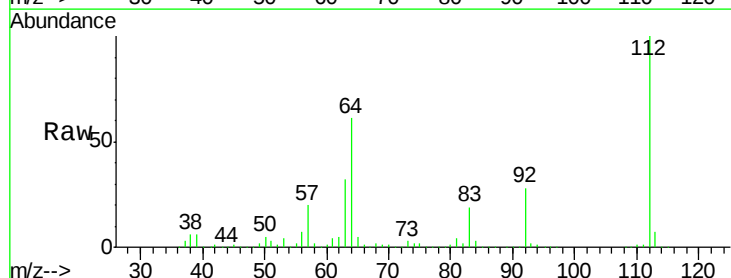
Tgt Ion:112 Resp: 1960201

Ion Ratio Lower Upper

112 100

64 61.3 36.6 55.0#

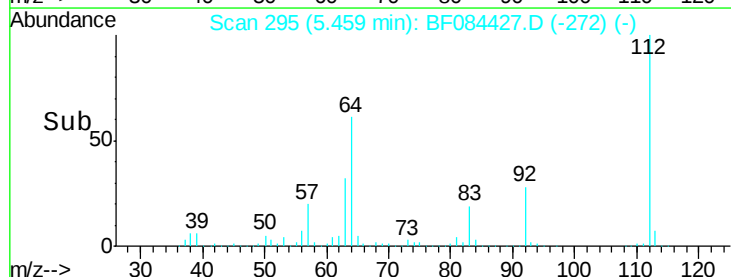
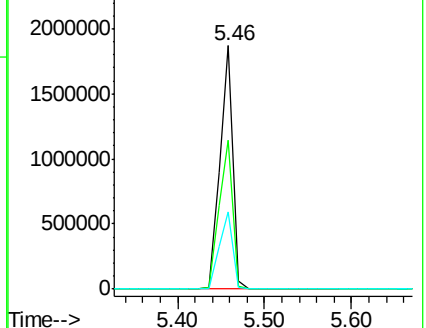
63 31.7 19.4 29.0#

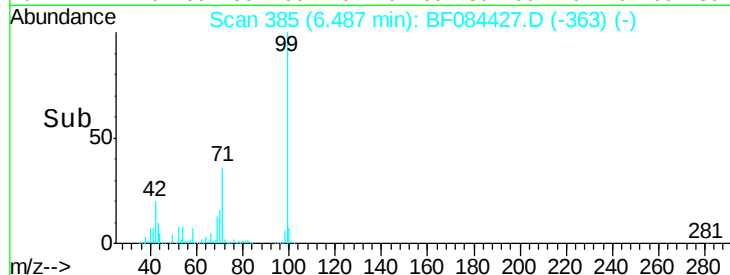
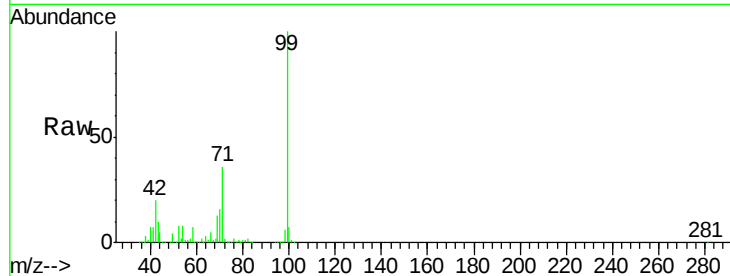
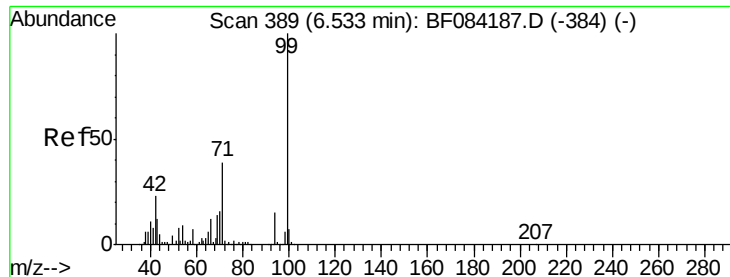


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.64 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

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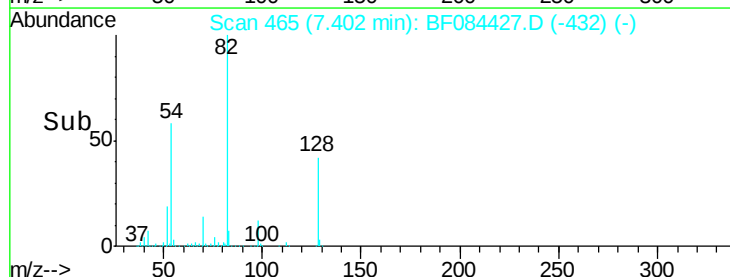
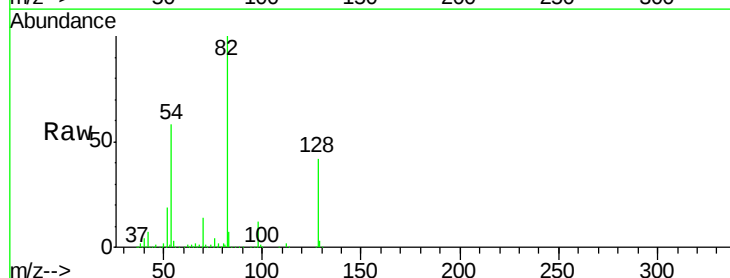
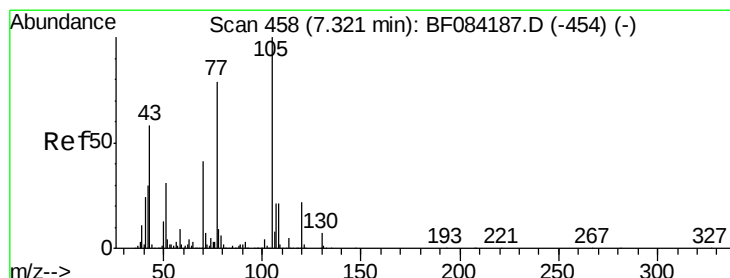
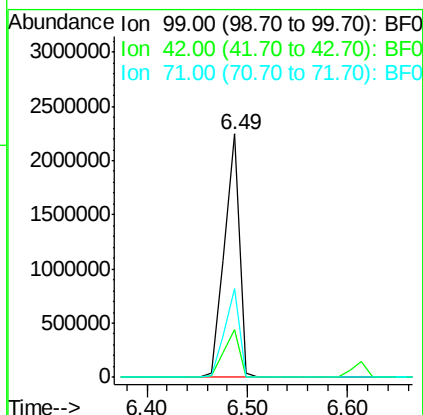
Tgt Ion: 99 Resp: 2348458

Ion Ratio Lower Upper

99 100

42 19.8 12.8 19.2#

71 36.4 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.87 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.08 min

Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

Tgt Ion: 70 Resp: 188388

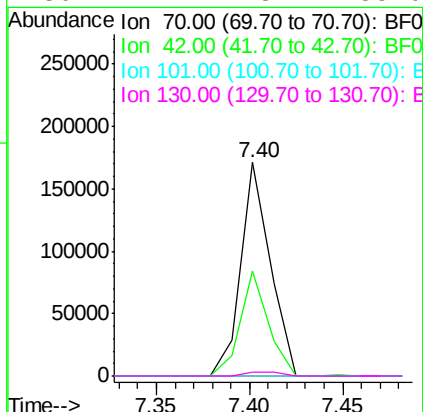
Ion Ratio Lower Upper

70 100

42 49.4 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 1056114

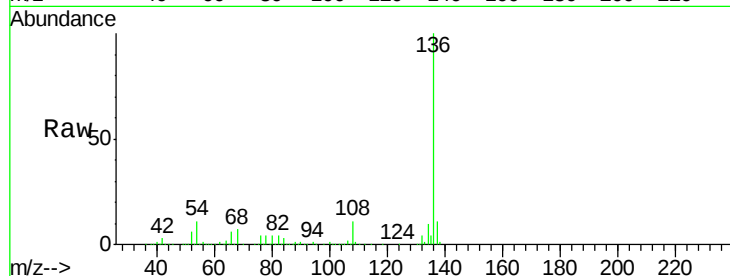
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.2 5.8 8.8#

68 7.2 4.2 6.2#

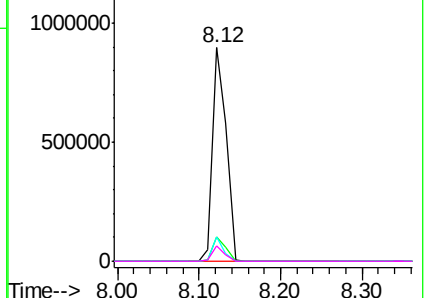
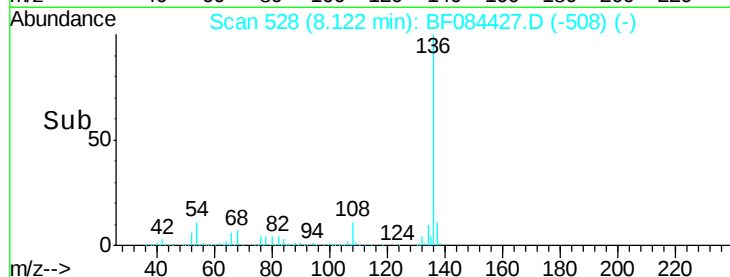


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.10 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.07 min

Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

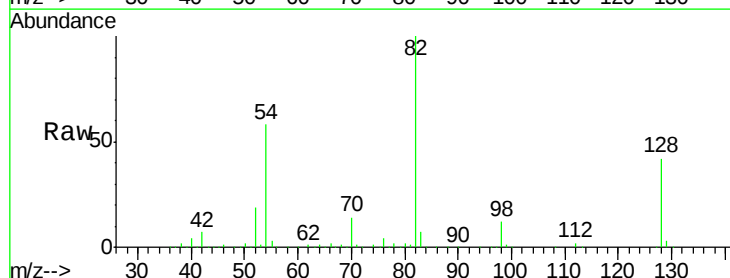
Tgt Ion: 82 Resp: 1425141

Ion Ratio Lower Upper

82 100

128 41.6 34.6 51.8

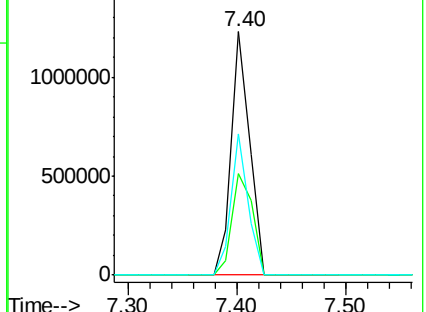
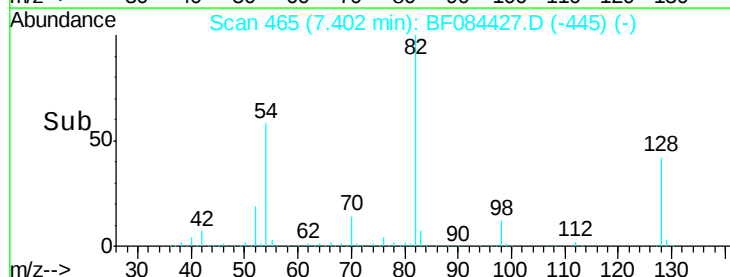
54 57.8 38.4 57.6#

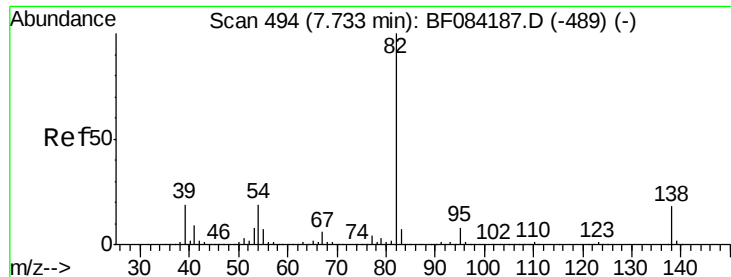


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.86 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.33 min

Lab File: BF084427.D

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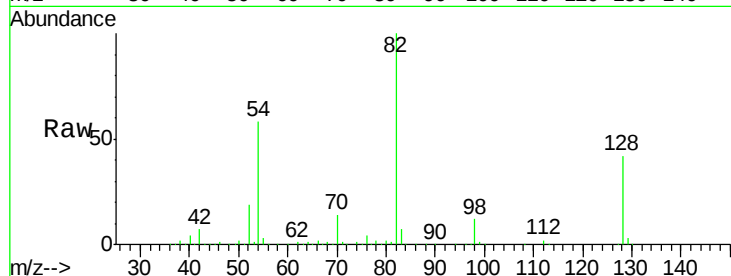
Tgt Ion: 82 Resp: 1265303

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

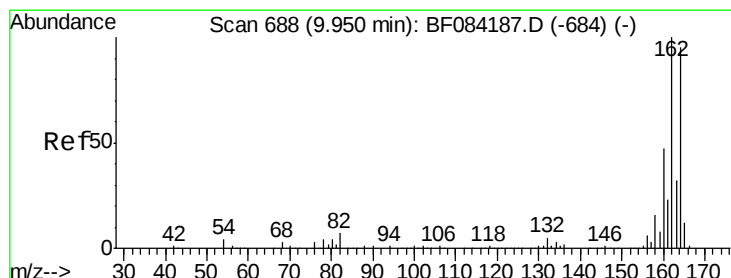
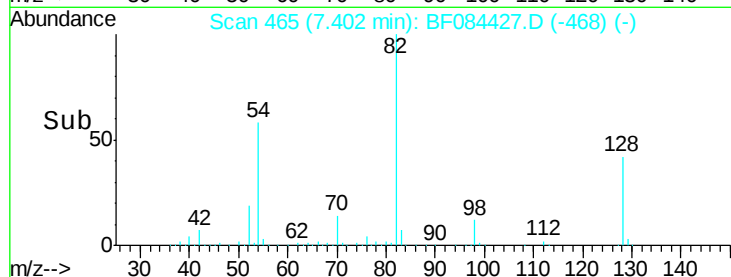
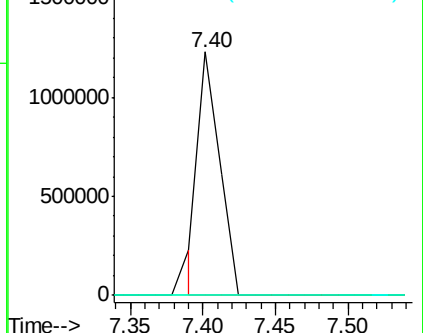
138 0.0 13.6 20.4#



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. -0.07 min

Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

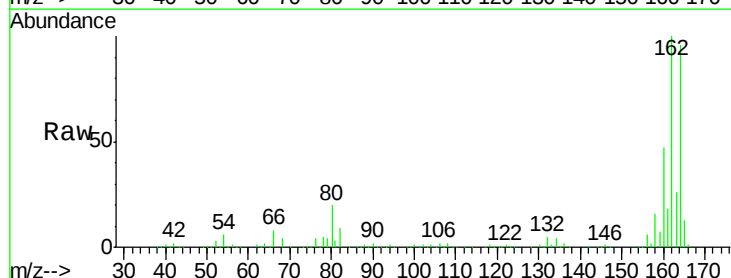
Tgt Ion: 164 Resp: 512535

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

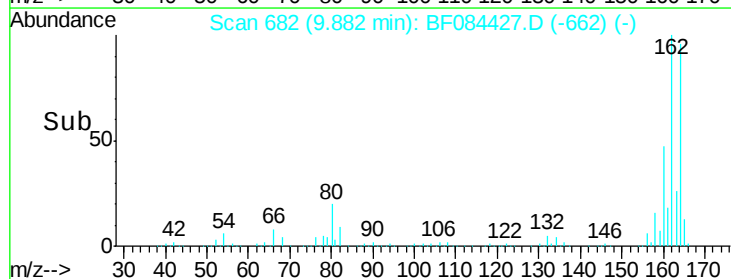
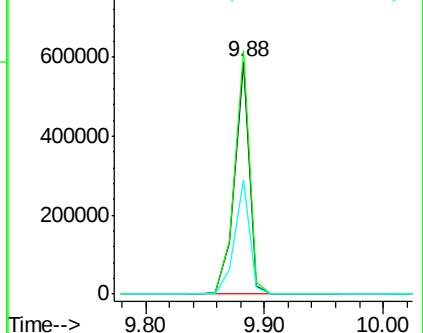
160 48.9 37.5 56.3



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

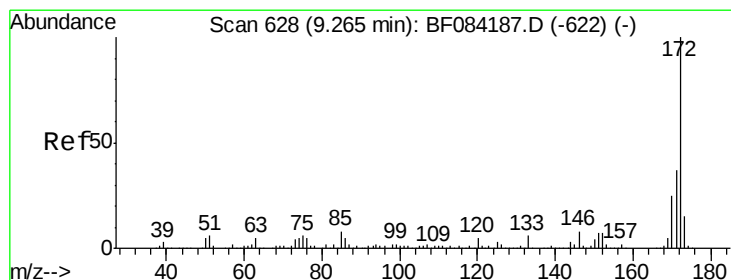
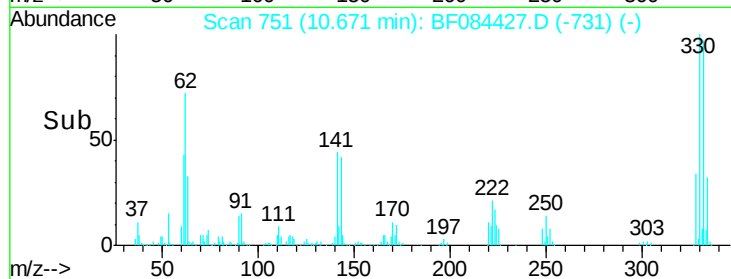
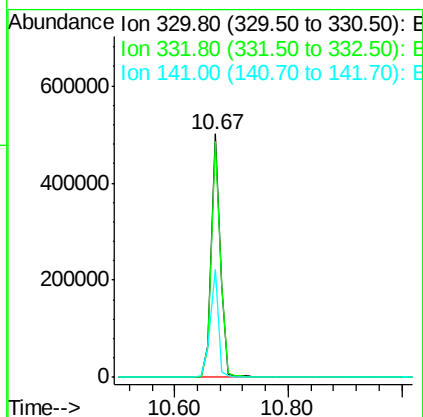
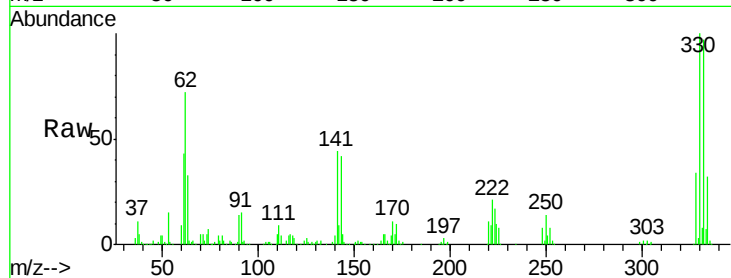




#41
 2,4,6-Tribromophenol
 Concen: 103.52 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084427.D
 Acq: 12 Jan 2016 23:39

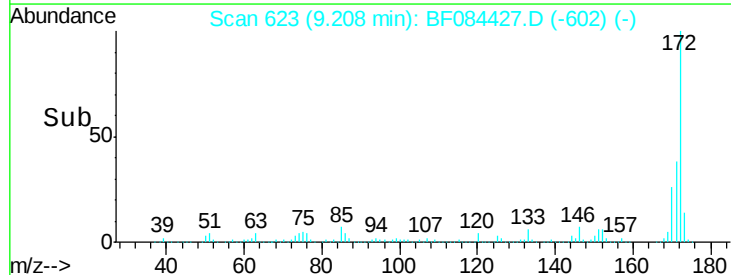
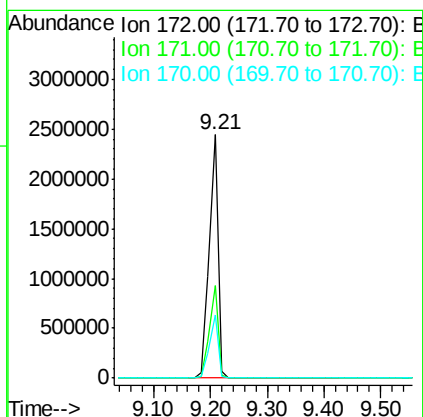
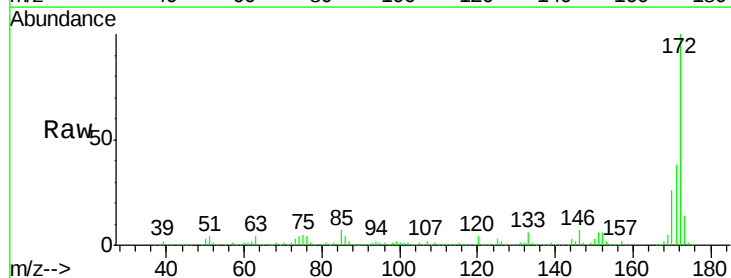
Instrument :
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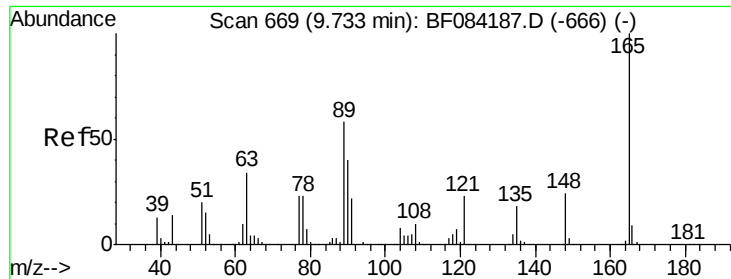
Tgt Ion:330 Resp: 535672
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 38.7 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 85.14 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084427.D
 Acq: 12 Jan 2016 23:39

Tgt Ion:172 Resp: 2480185
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 26.1 18.6 27.8

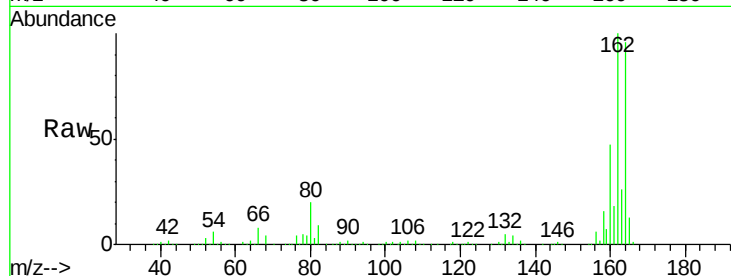




#50
2,6-Dinitrotoluene
Concen: 8.59 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.15 min
Lab File: BF084427.D
Acq: 12 Jan 2016 23:39

Instrument :
BNA_F
ClientSampleId :
PB87777TB

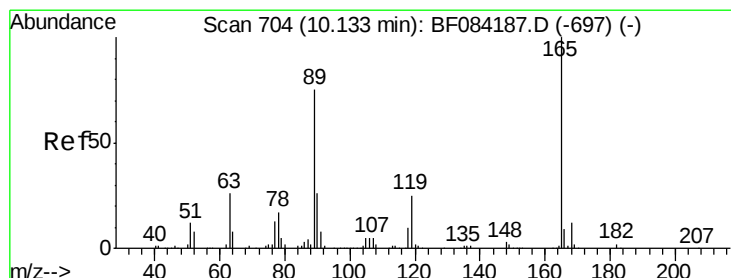
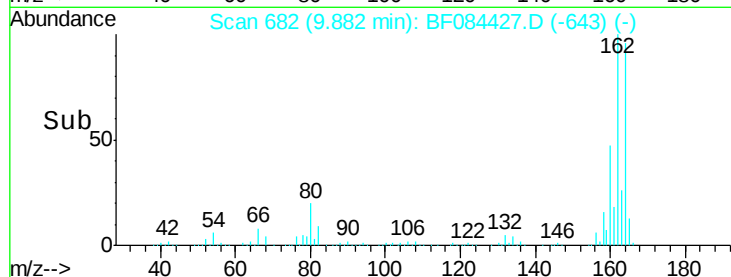
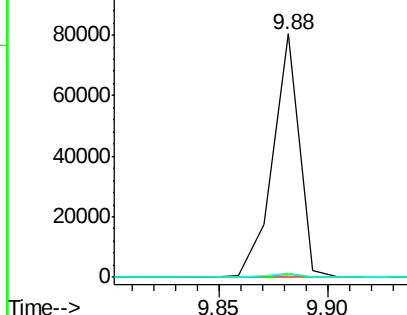
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.7	35.1	52.7#



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



#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF084427.D
Acq: 12 Jan 2016 23:39

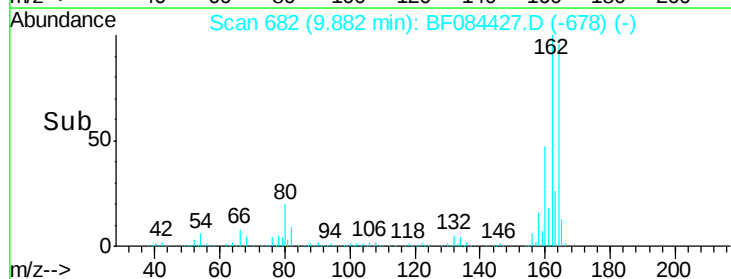
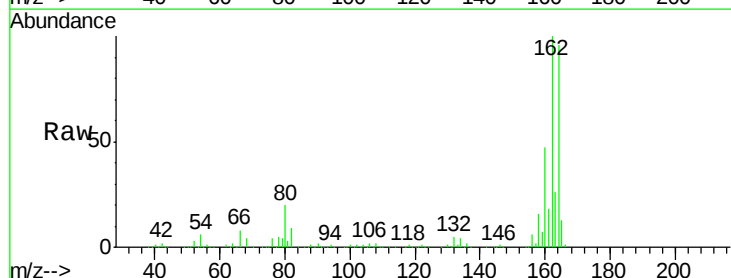
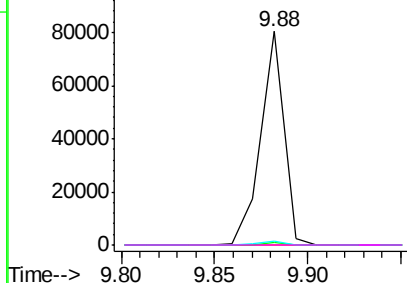
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#

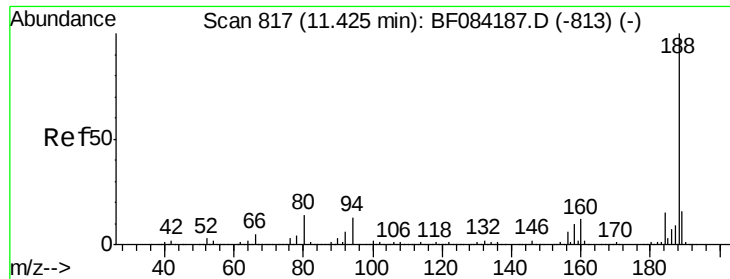
Abundance Ion 165.00 (164.70 to 165.70): E

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

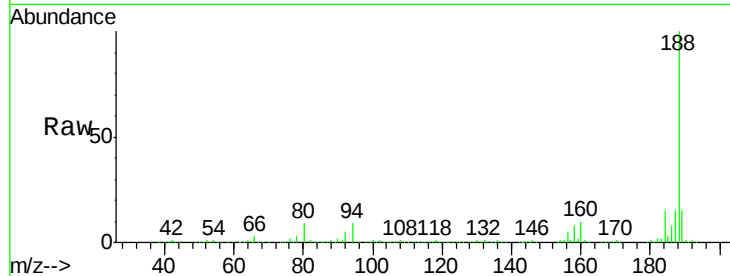




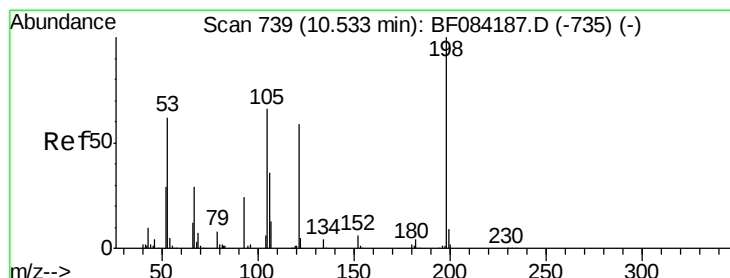
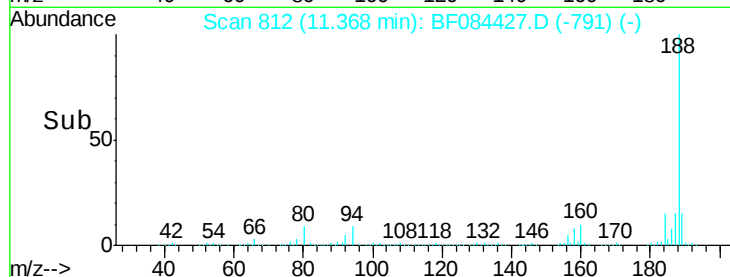
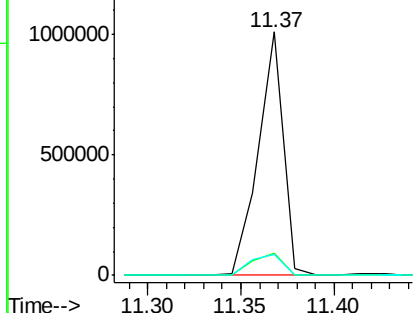
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF084427.D
 Acq: 12 Jan 2016 23:39

Instrument :
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Tgt Ion:188 Resp: 956504
 Ion Ratio Lower Upper
 188 100
 94 8.9 9.0 13.4#
 80 8.7 9.6 14.4#

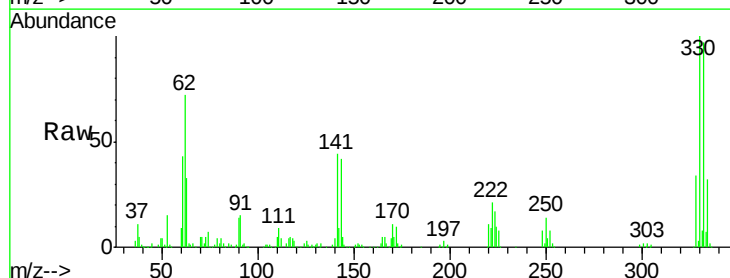


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

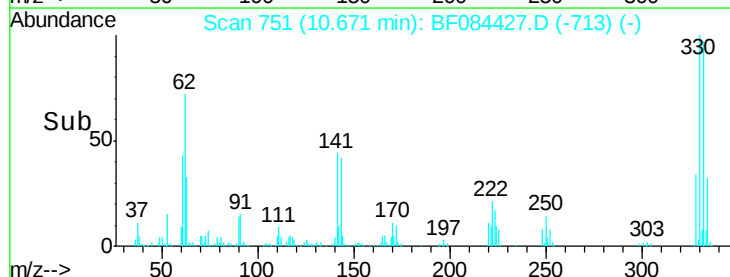
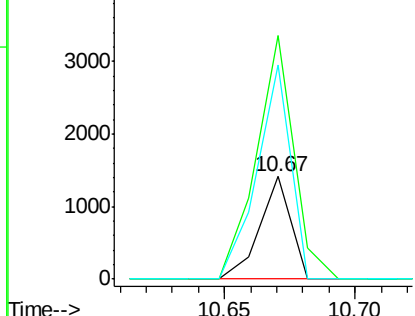


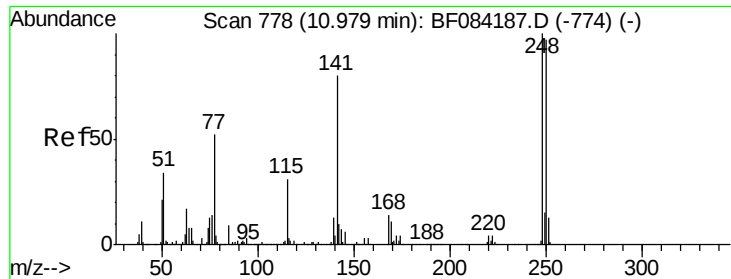
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.57 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.14 min
 Lab File: BF084427.D
 Acq: 12 Jan 2016 23:39

Tgt Ion:198 Resp: 1174
 Ion Ratio Lower Upper
 198 100
 51 238.2 18.9 58.9#
 105 209.1 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.39 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.31 min

Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

Instrument :

BNA_F

ClientSampleId :

PB87777TB

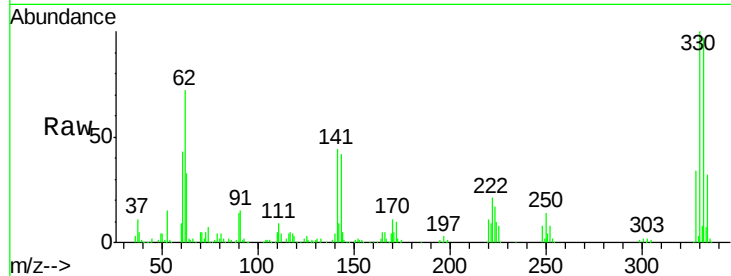
Tgt Ion:248 Resp: 34883

Ion Ratio Lower Upper

248 100

250 188.0 78.4 117.6#

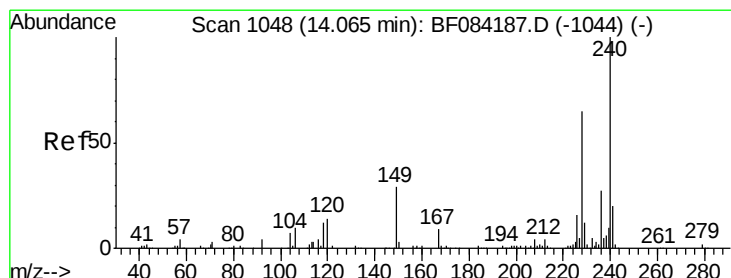
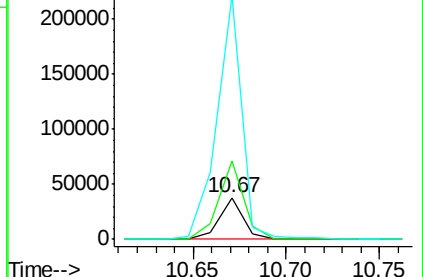
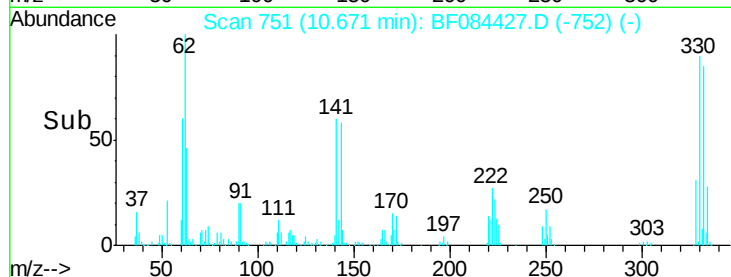
141 587.5 44.0 66.0#



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: 14.00 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

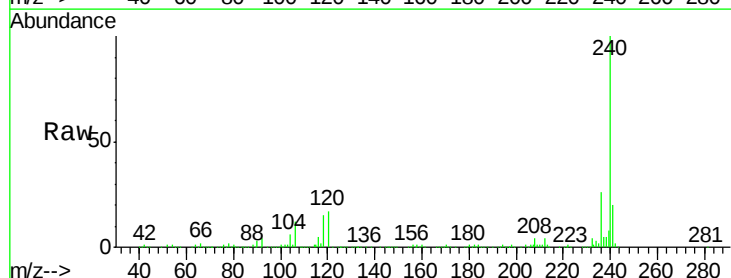
Tgt Ion:240 Resp: 716061

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

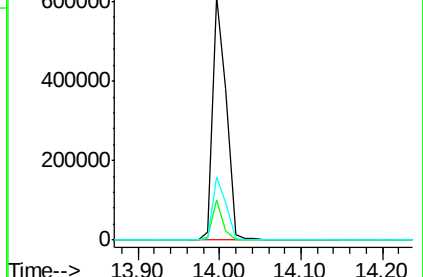
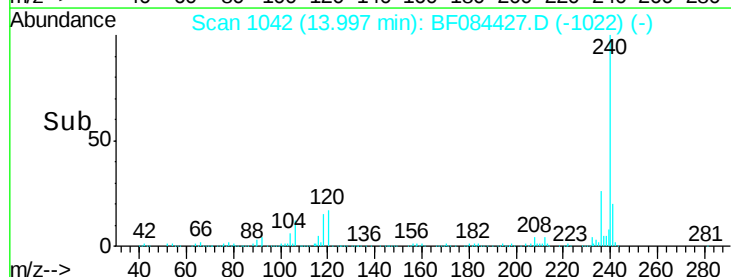
236 26.2 20.6 31.0

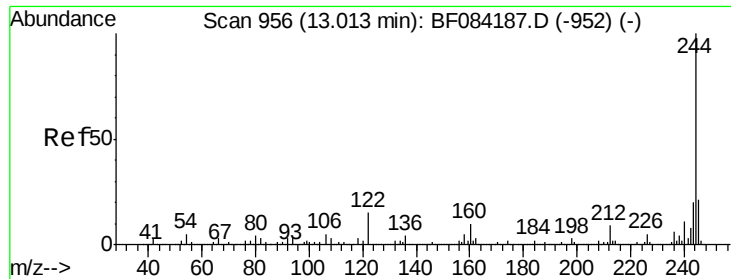


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

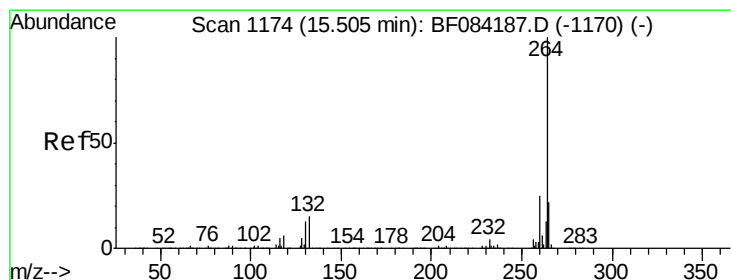
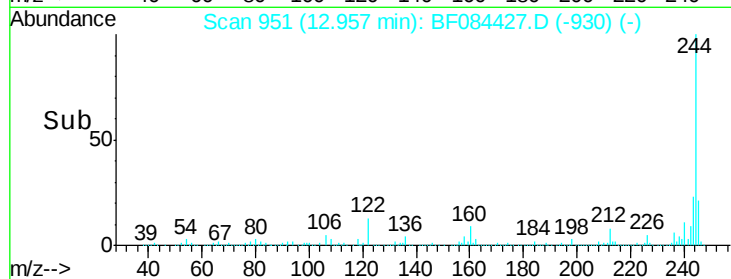
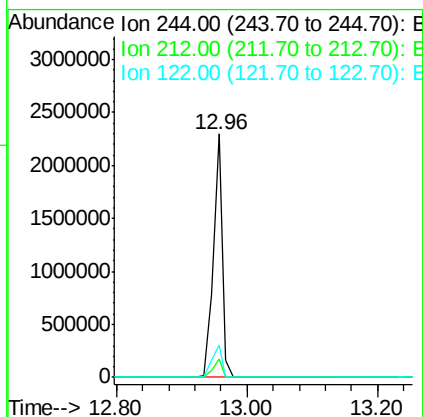
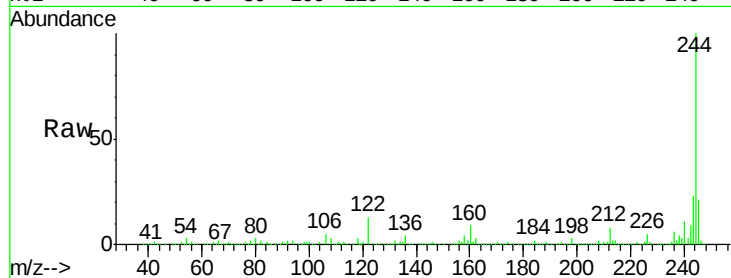




#78
 Terphenyl-d14
 Concen: 70.01 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084427.D
 Acq: 12 Jan 2016 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87777TB

Tgt Ion:244 Resp: 2245881
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 13.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084427.D
 Acq: 12 Jan 2016 23:39

Tgt Ion:264 Resp: 526499
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.8 17.8 26.6

