

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086708.D
 Acq On : 5 May 2016 14:31
 Operator : UM/SJ
 Sample : PB90099TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90099TB

Quant Time: May 06 01:13:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

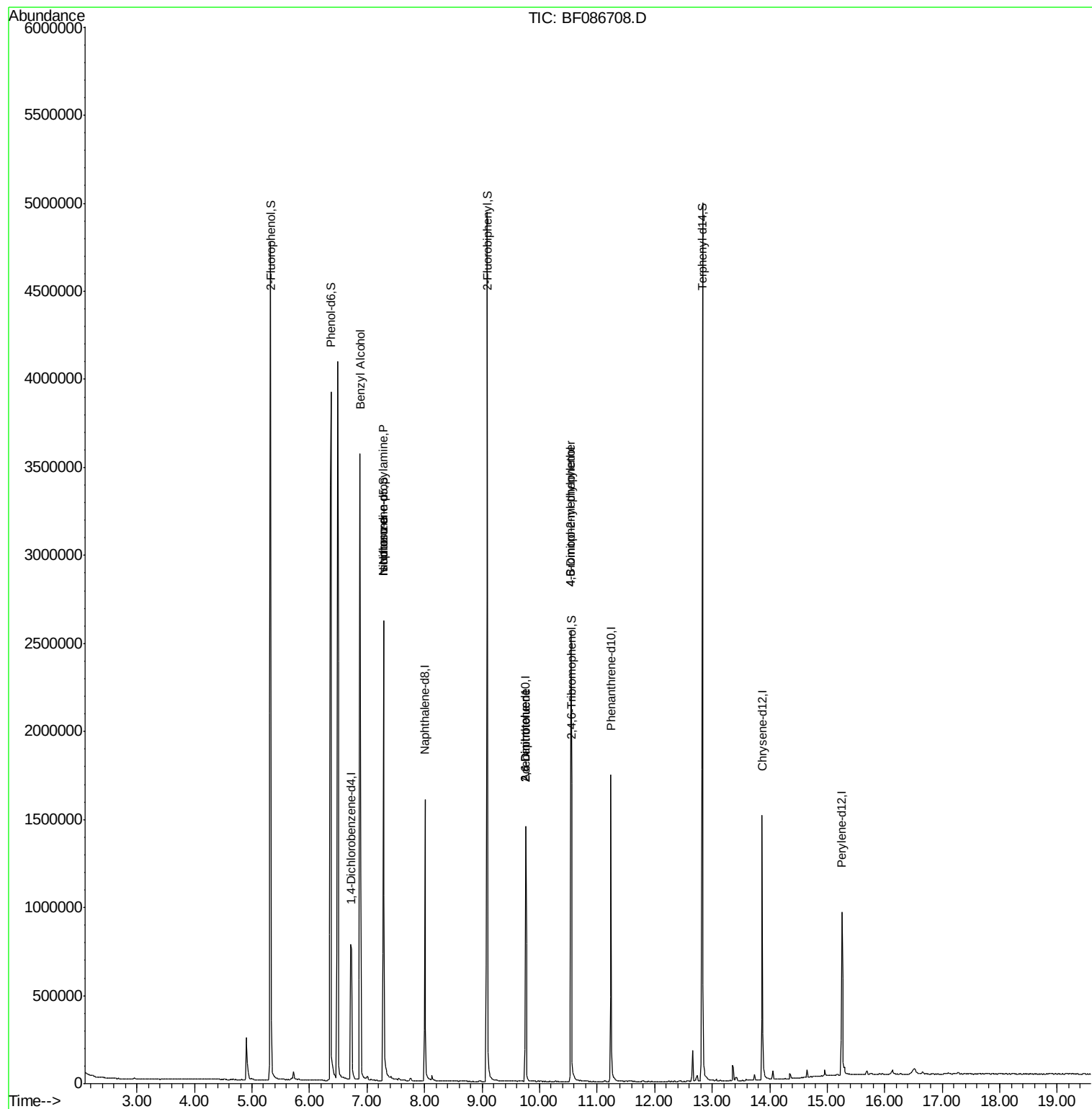
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	174265	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	742370	40.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	343601	40.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	695987	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	566763	40.00	ng	-0.01
86) Perylene-d12	15.25	264	459263	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1235576	117.38	ng	0.00
7) Phenol-d6	6.37	99	1827334	128.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	1054158	72.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	426209	126.80	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1902429	90.76	ng	-0.01
78) Terphenyl-d14	12.83	244	1638403	58.42	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.88	79	18437	2.01	ng	# 42
19) n-Nitroso-di-n-propylamine	7.29	70	142005	14.66	ng	# 72
25) Isophorone	7.29	82	854699	31.77	ng	# 68
50) 2,6-Dinitrotoluene	9.76	165	42414	7.72	ng	# 21
56) 2,4-Dinitrotoluene	9.76	165	42416	6.23	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.54	198	855	5.49	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	24101	3.48	ng	# 1

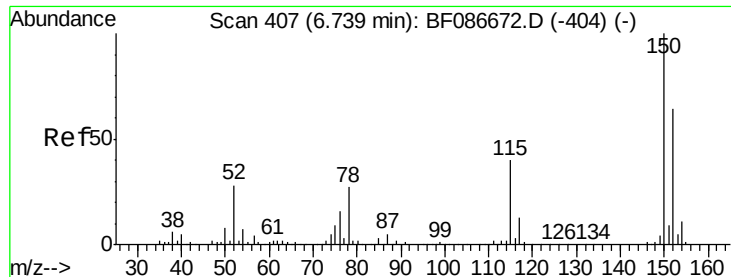
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB90099TB

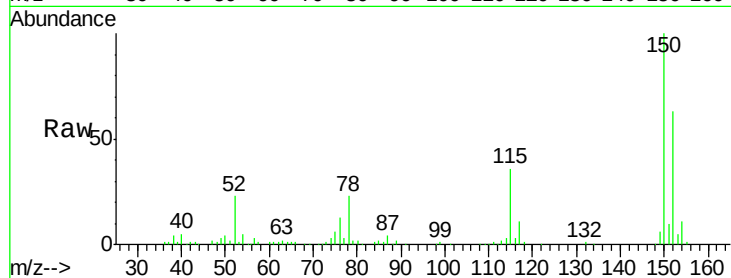
Tgt Ion:152 Resp: 174265

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.6

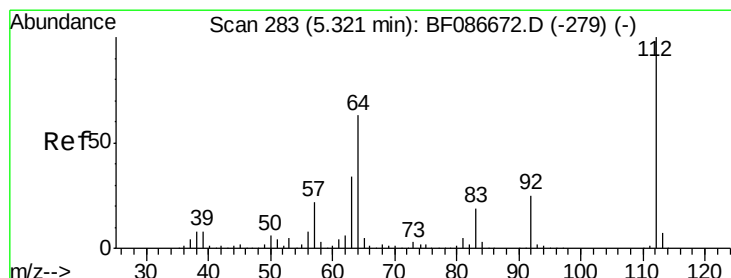
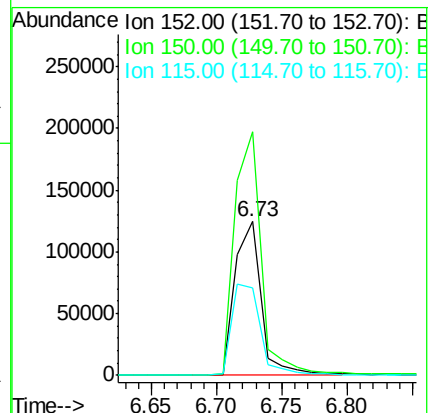
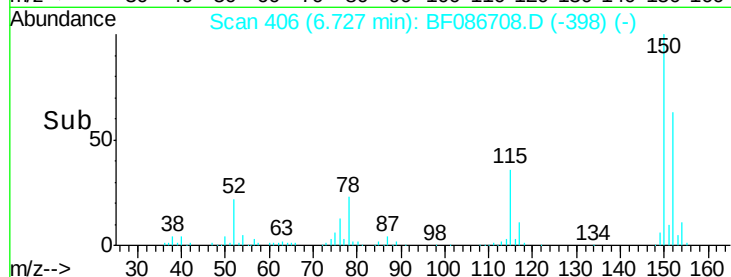
115 56.5 51.5 77.3



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: 117.38 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

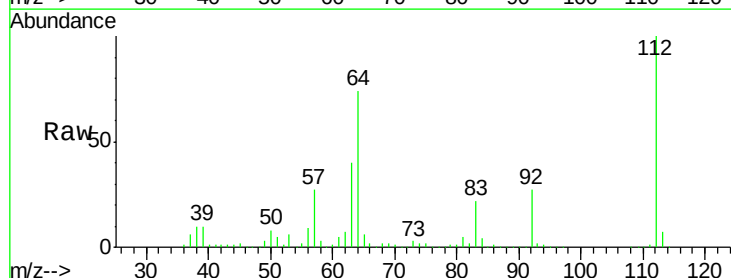
Tgt Ion:112 Resp: 1235576

Ion Ratio Lower Upper

112 100

64 73.9 52.1 78.1

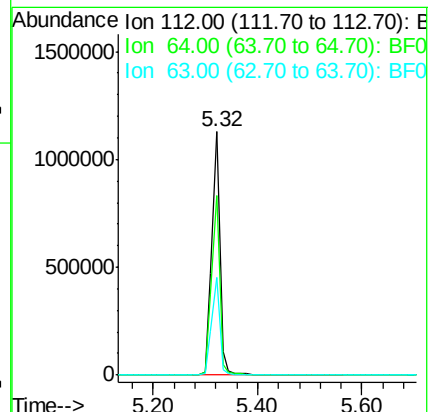
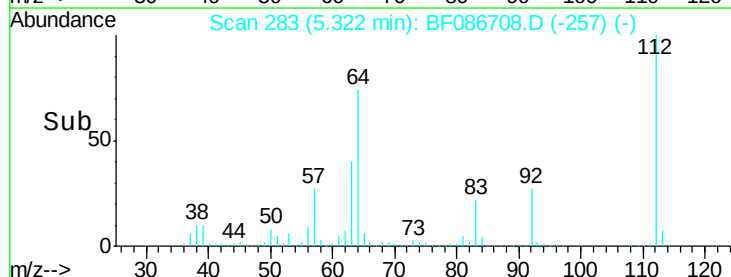
63 40.1 25.7 38.5#

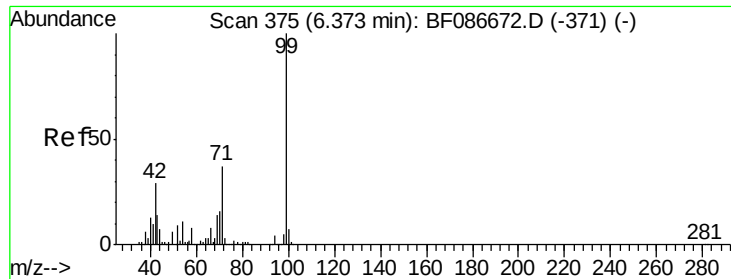


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.87 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB90099TB

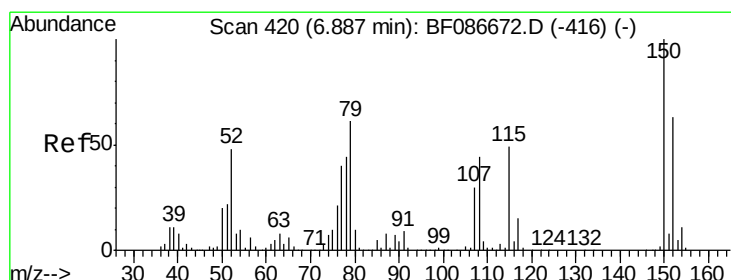
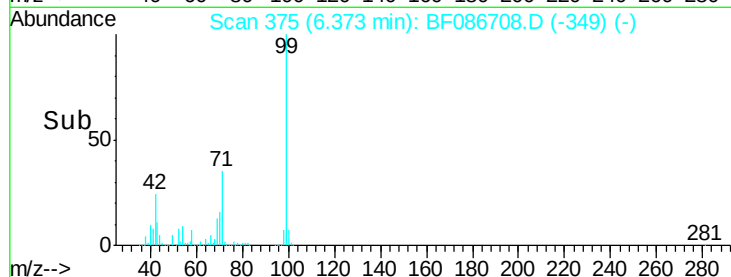
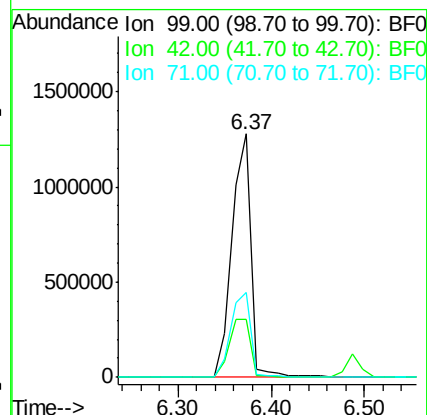
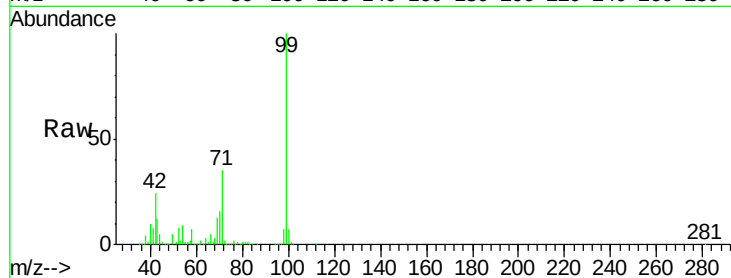
Tgt Ion: 99 Resp: 1827334

Ion Ratio Lower Upper

99 100

42 23.7 13.6 20.4#

71 34.9 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

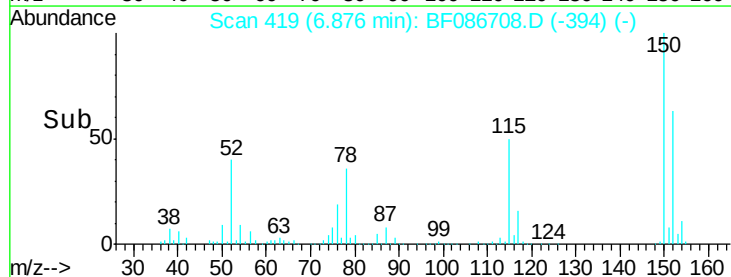
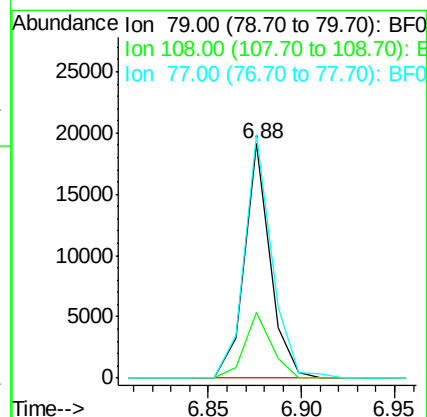
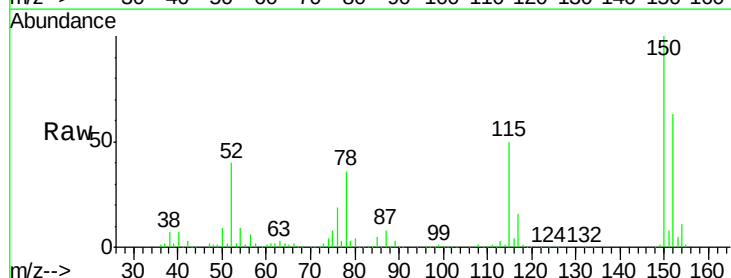
Tgt Ion: 79 Resp: 18437

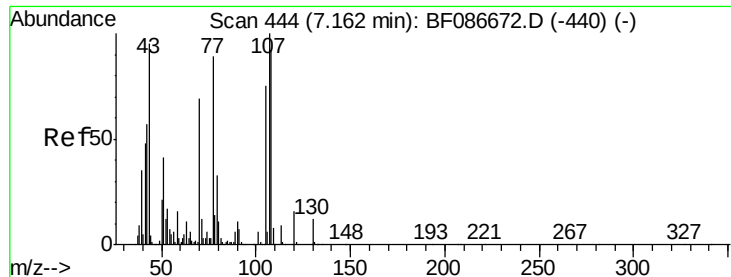
Ion Ratio Lower Upper

79 100

108 28.2 68.4 102.6#

77 104.0 50.6 76.0#

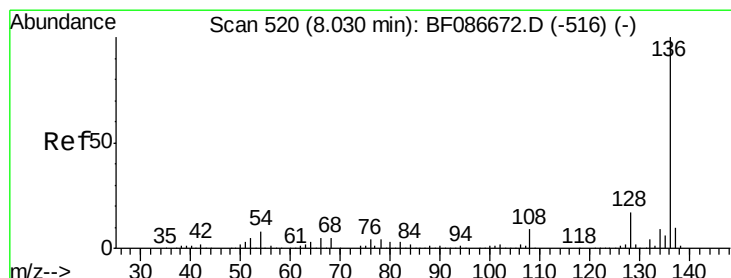
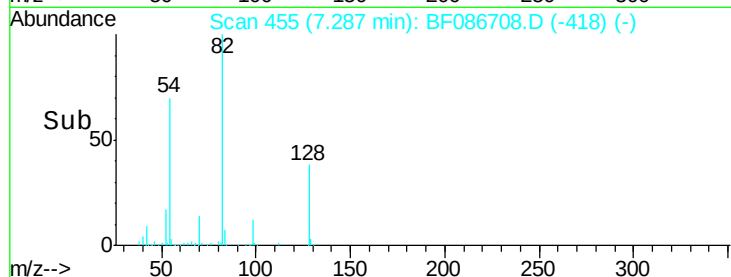
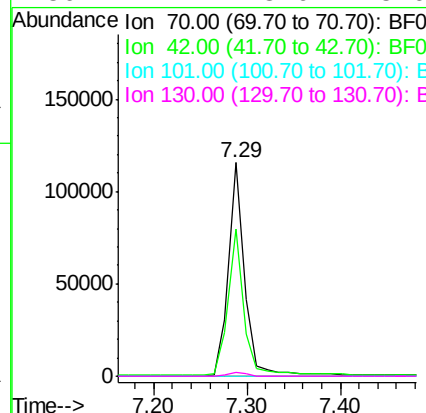
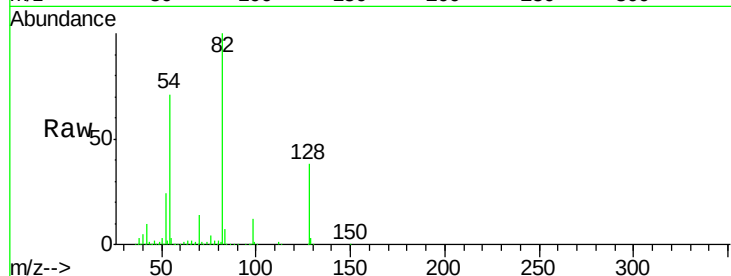




#19
n-Nitroso-di-n-propylamine
Concen: 14.66 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.13 min
Lab File: BF086708.D
Acq: 5 May 2016 14:31

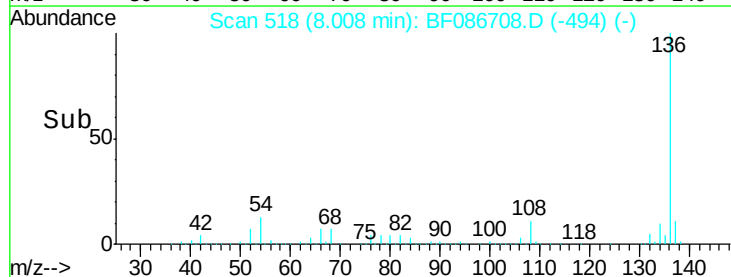
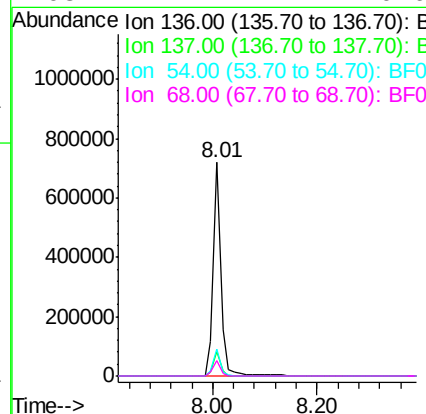
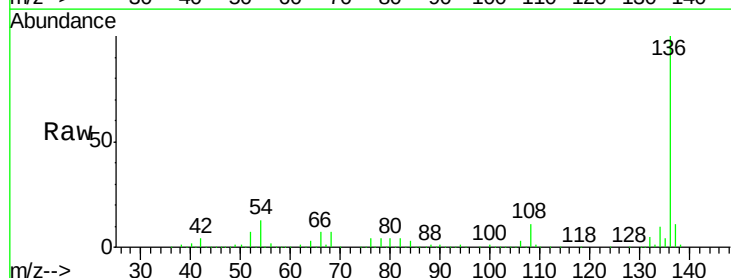
Instrument :
BNA_F
ClientSampleId :
PB90099TB

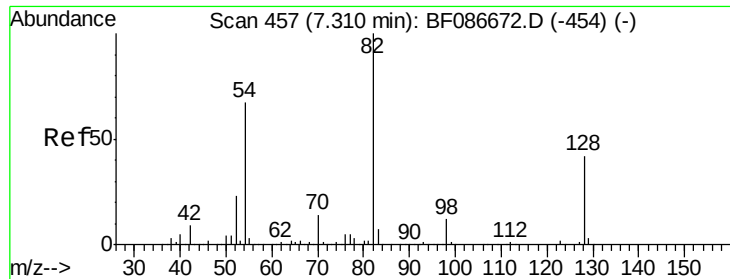
Tgt Ion: 70 Resp: 142005
Ion Ratio Lower Upper
70 100
42 69.0 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF086708.D
Acq: 5 May 2016 14:31

Tgt Ion: 136 Resp: 742370
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.7 5.0 7.4#
68 7.2 4.4 6.6#

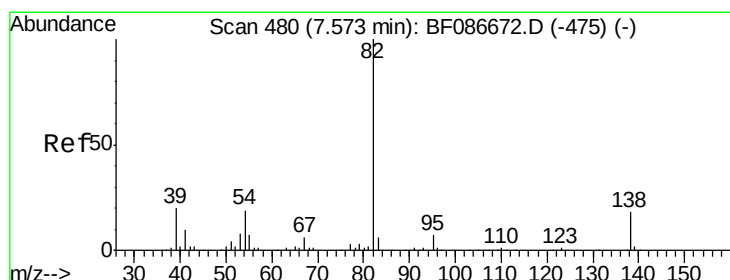
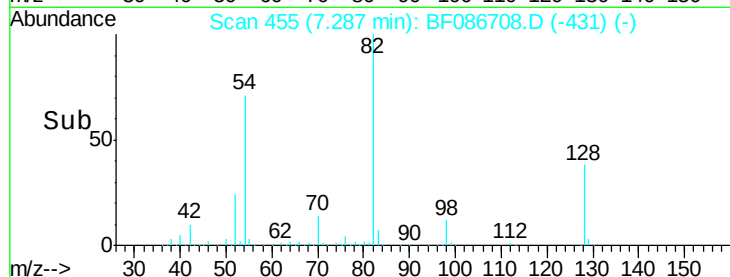
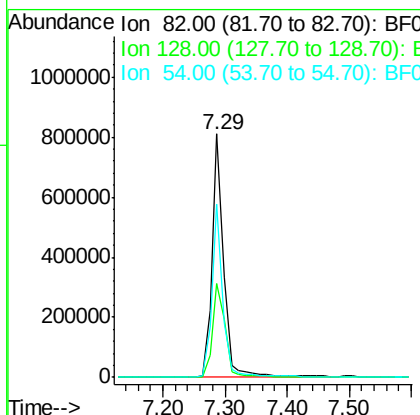
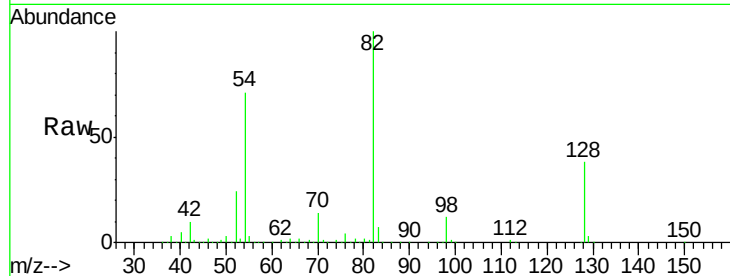




#23
 Nitrobenzene-d5
 Concen: 72.97 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF086708.D
 Acq: 5 May 2016 14:31

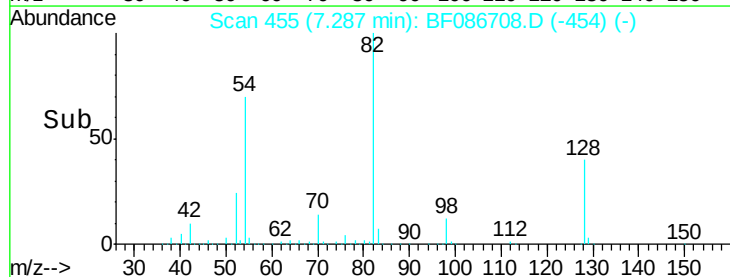
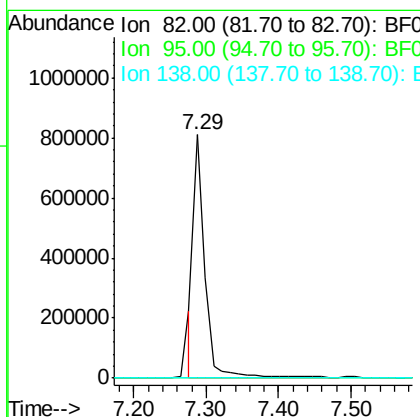
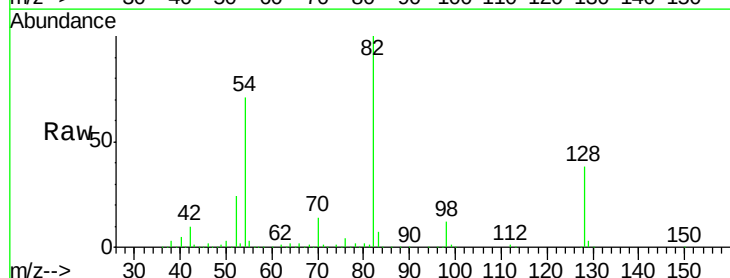
Instrument :
 BNA_F
 ClientSampleId :
 PB90099TB

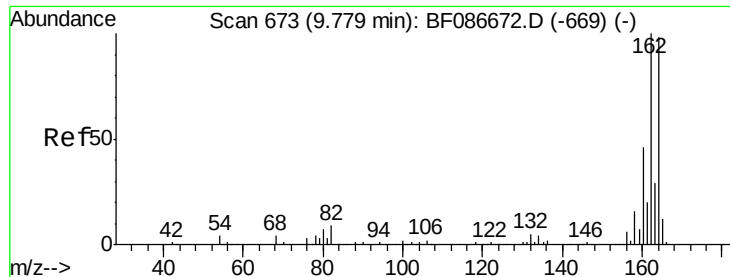
Tgt Ion: 82 Resp: 1054158
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 71.2 38.1 57.1#



#25
 Isophorone
 Concen: 31.77 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.29 min
 Lab File: BF086708.D
 Acq: 5 May 2016 14:31

Tgt Ion: 82 Resp: 854699
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB90099TB

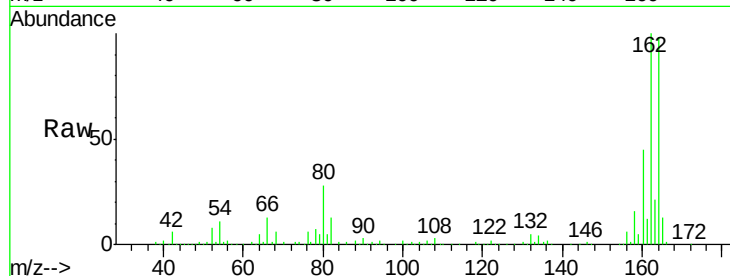
Tgt Ion:164 Resp: 343601

Ion Ratio Lower Upper

164 100

162 101.9 82.8 124.2

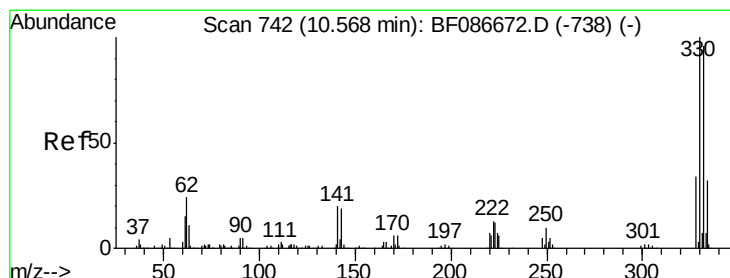
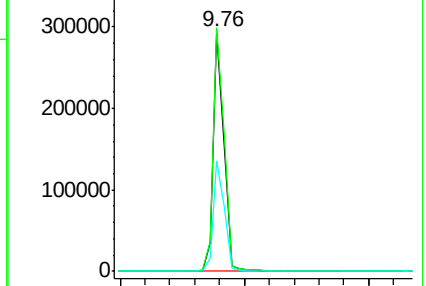
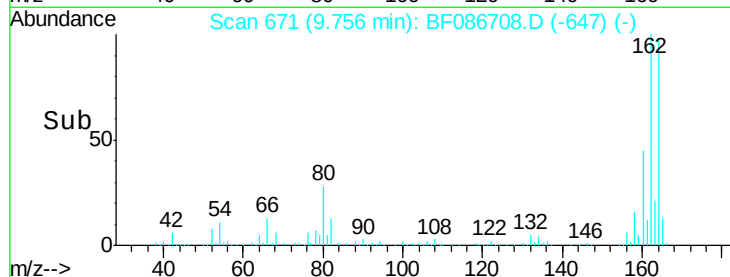
160 46.3 36.9 55.3



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: 126.80 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

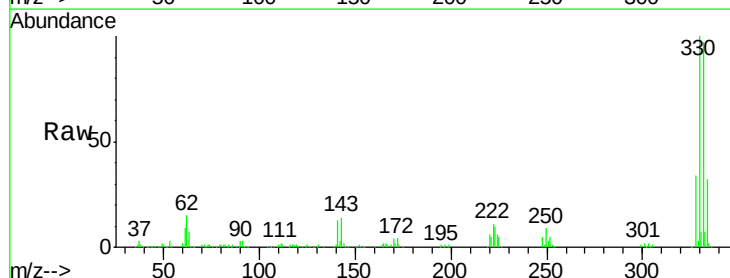
Tgt Ion:330 Resp: 426209

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

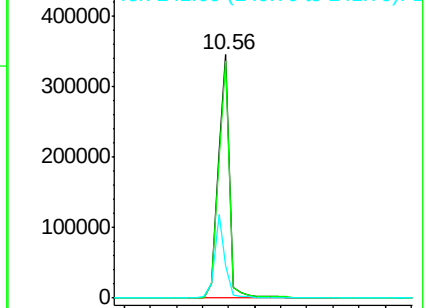
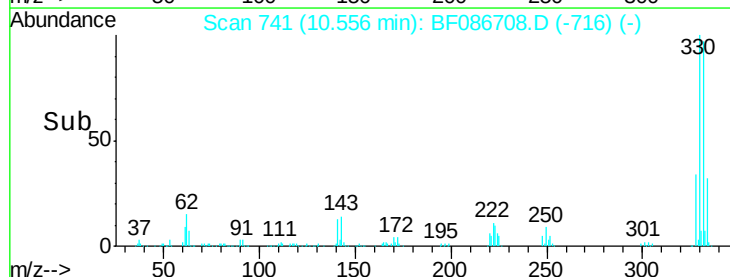
141 32.3 31.2 46.8

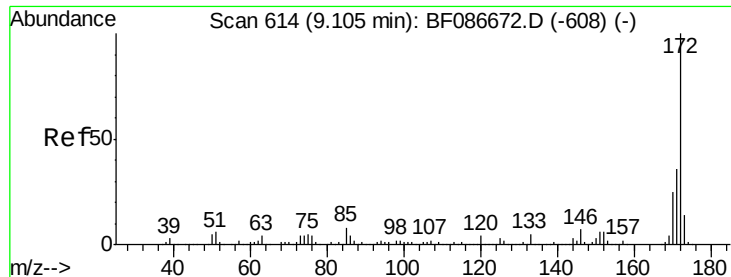


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

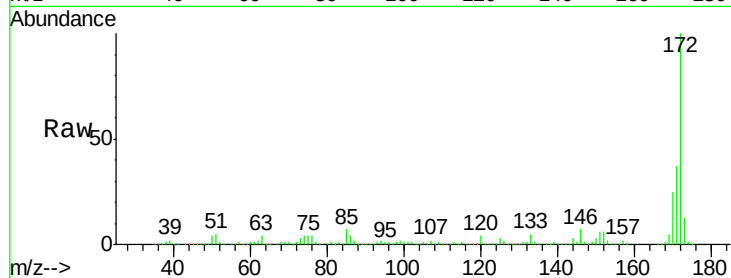




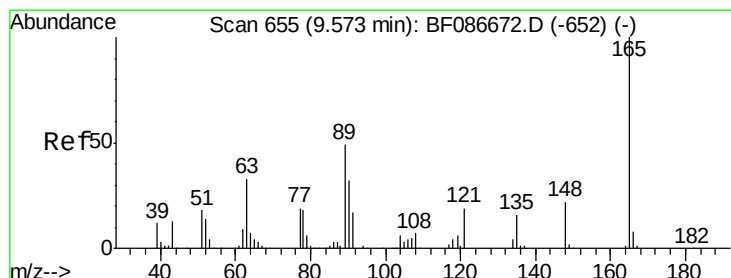
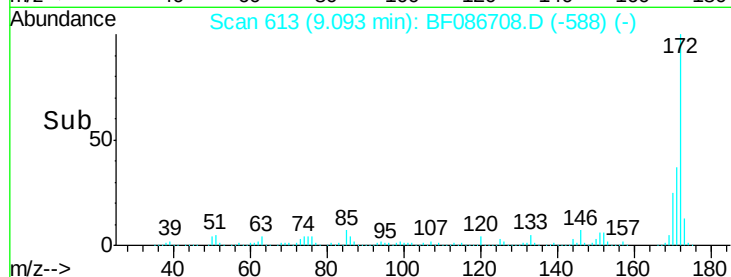
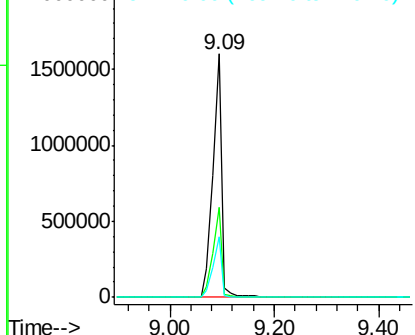
#44
 2-Fluorobiphenyl
 Concen: 90.76 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086708.D
 Acq: 5 May 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90099TB

Tgt Ion:172 Resp: 1902429
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.9 19.8 29.8

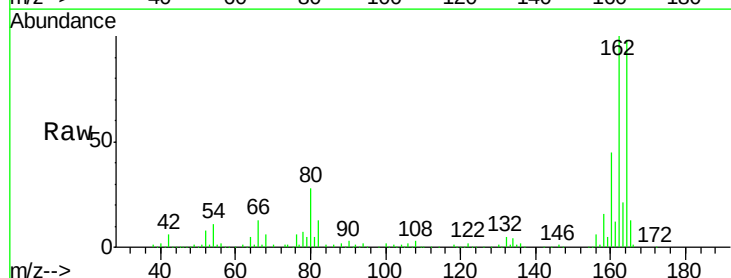


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

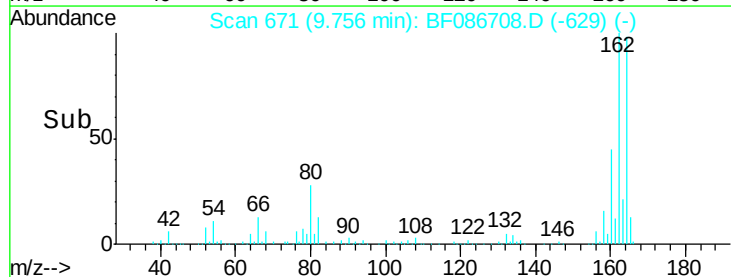
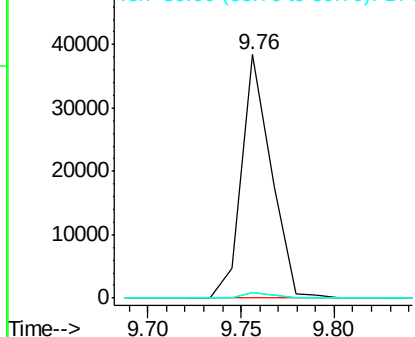


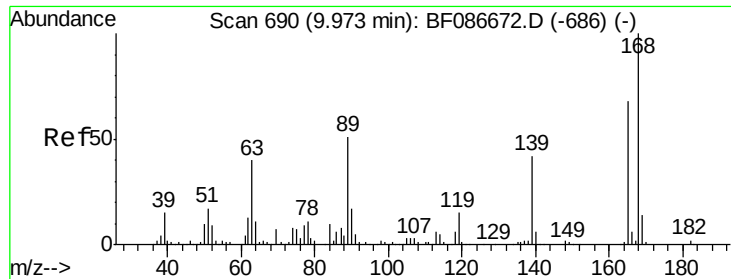
#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.76 min Scan# 671
 Delta R.T. 0.18 min
 Lab File: BF086708.D
 Acq: 5 May 2016 14:31

Tgt Ion:165 Resp: 42414
 Ion Ratio Lower Upper
 165 100
 63 2.4 51.8 77.8#
 89 2.1 50.7 76.1#



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: 6.23 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.22 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB90099TB

Tgt Ion:165 Resp: 42416

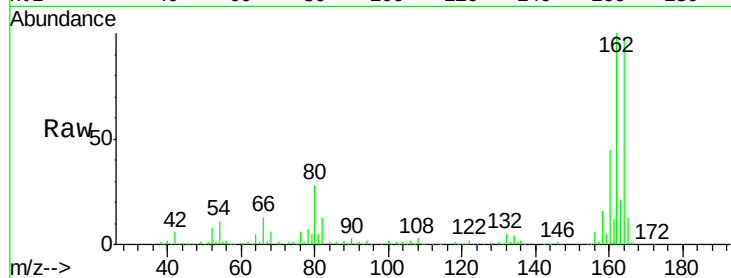
Ion Ratio Lower Upper

165 100

63 2.4 44.3 66.5#

89 2.1 70.0 105.0#

182 0.0 1.8 2.6#

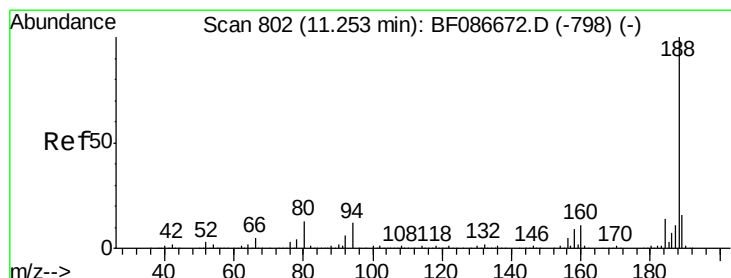
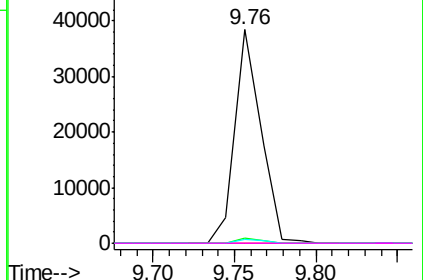
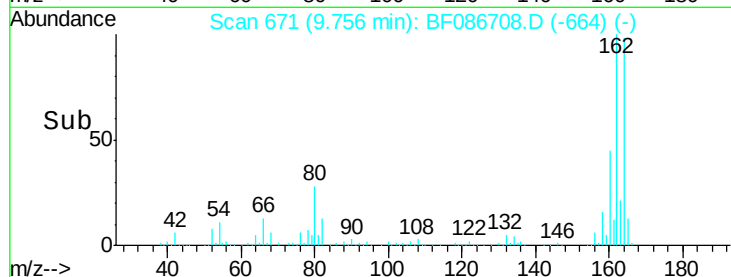


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

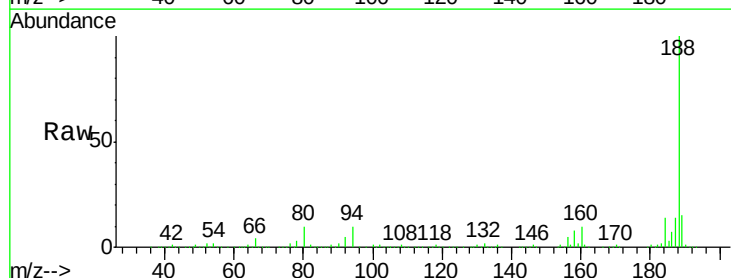
Tgt Ion:188 Resp: 695987

Ion Ratio Lower Upper

188 100

94 9.7 6.8 10.2

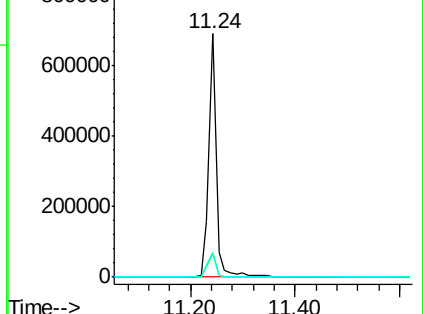
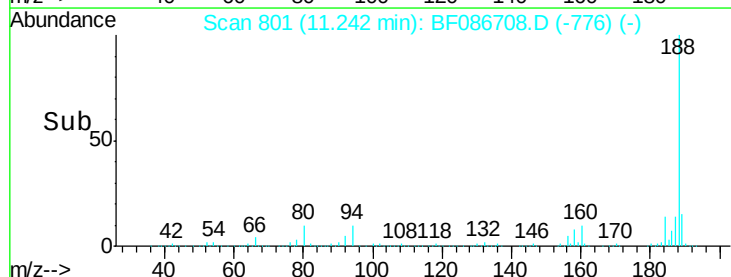
80 10.0 7.1 10.7

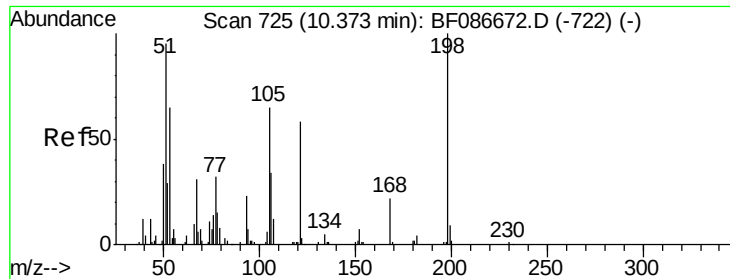


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

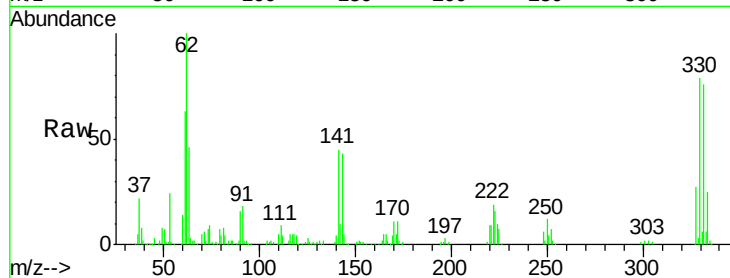




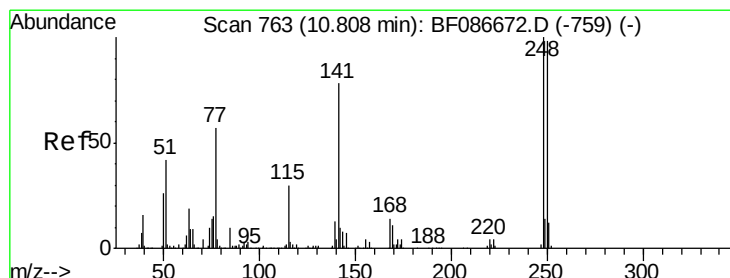
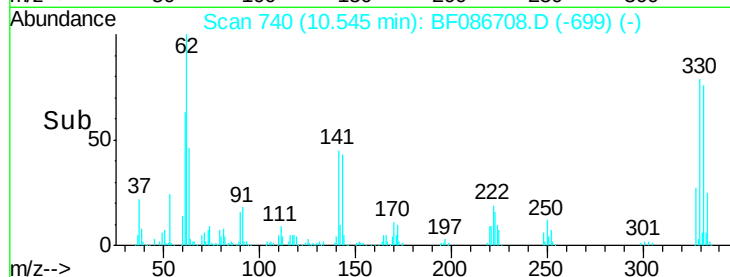
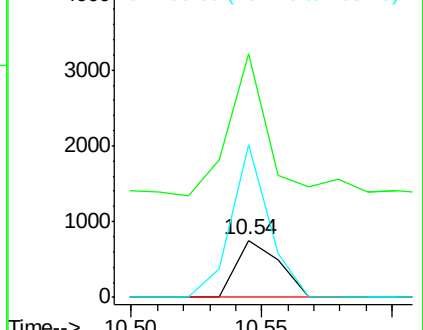
#64
4,6-Dinitro-2-methylphenol
Concen: 5.49 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.17 min
Lab File: BF086708.D
Acq: 5 May 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB90099TB

Tgt Ion:198 Resp: 855
Ion Ratio Lower Upper
198 100
51 428.0 20.5 60.5#
105 268.2 24.5 64.5#

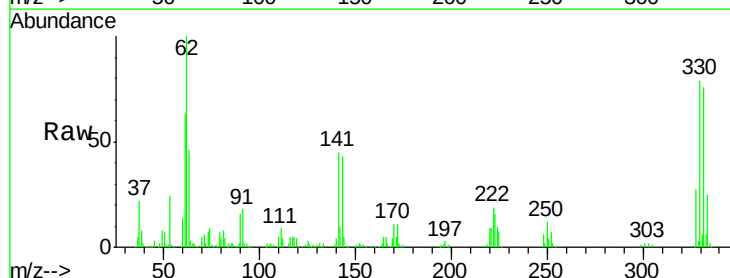


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

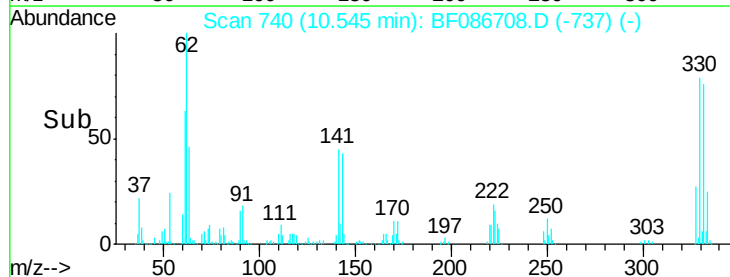
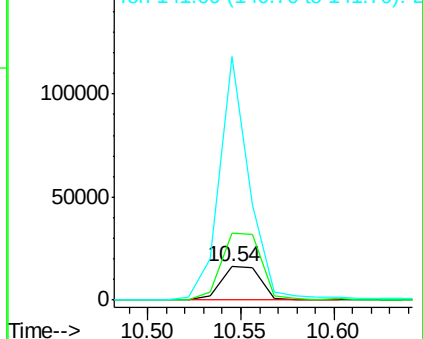


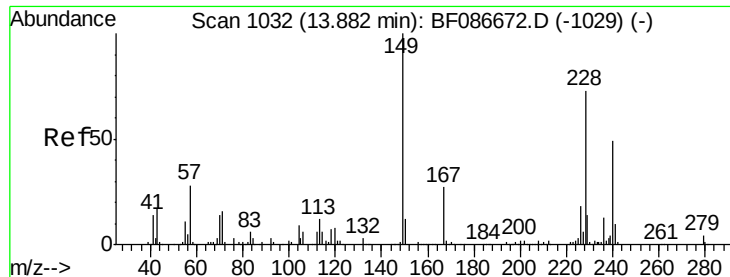
#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.26 min
Lab File: BF086708.D
Acq: 5 May 2016 14:31

Tgt Ion:248 Resp: 24101
Ion Ratio Lower Upper
248 100
250 197.7 78.6 117.8#
141 723.4 76.0 114.0#



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: 40.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB90099TB

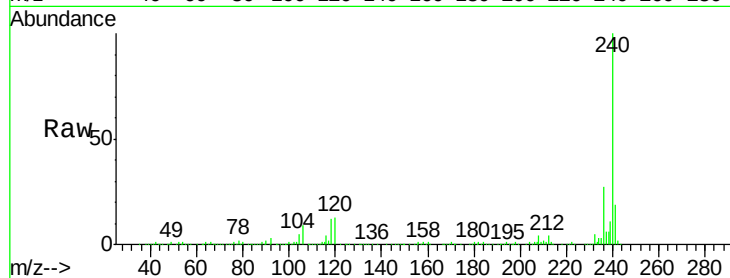
Tgt Ion:240 Resp: 566763

Ion Ratio Lower Upper

240 100

120 13.2 11.2 16.8

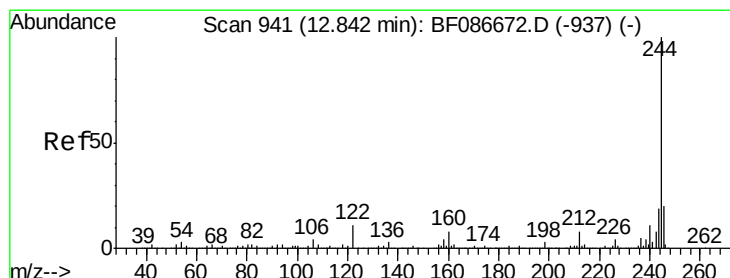
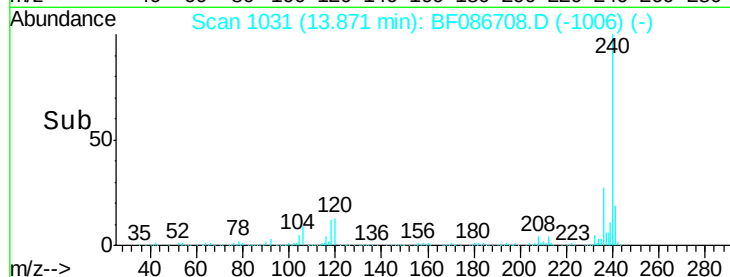
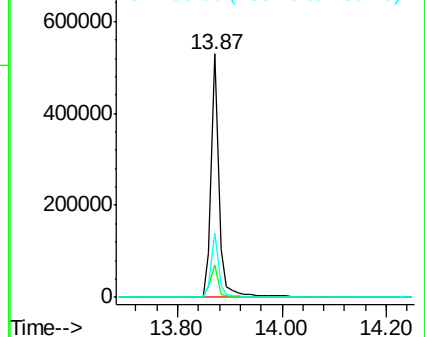
236 26.5 21.2 31.8



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: 58.42 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

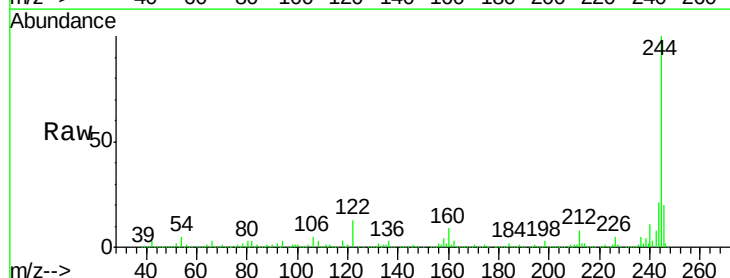
Tgt Ion:244 Resp: 1638403

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

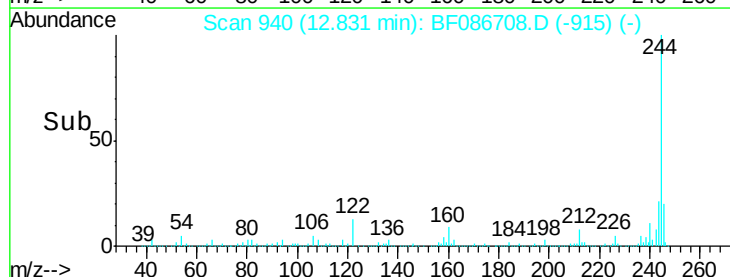
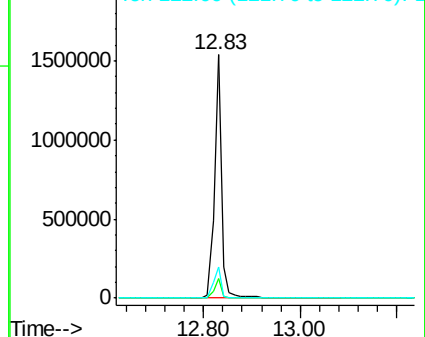
122 13.0 12.0 18.0

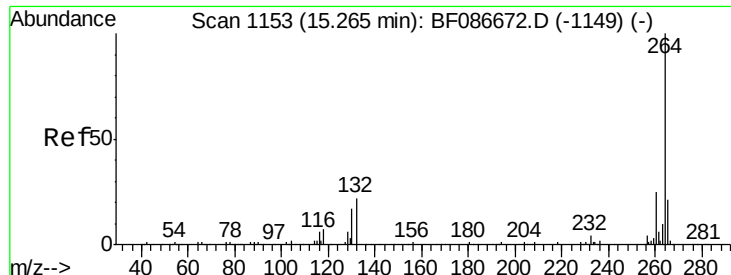


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

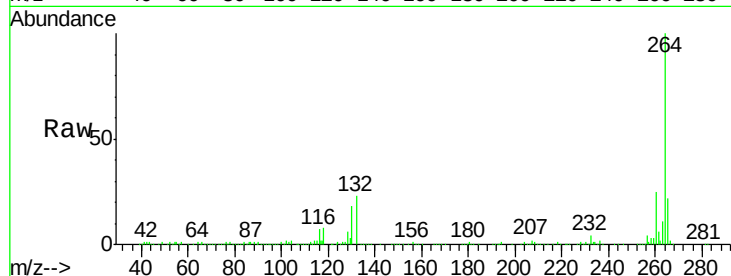




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF086708.D
Acq: 5 May 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB90099TB

Tgt Ion: 264 Resp: 459263
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.7 17.3 25.9



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

