

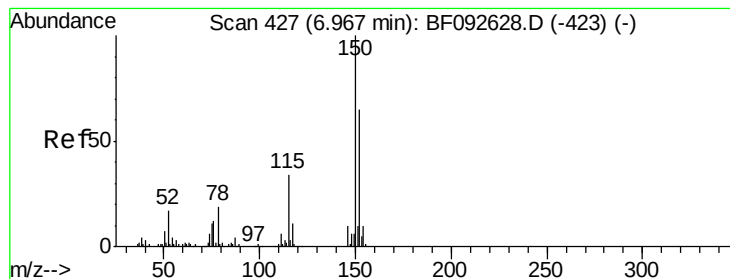
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092749.D
 Acq On : 2 Feb 2017 21:43
 Operator : SJ/MA
 Sample : I1650-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-28-COMP

Quant Time: Feb 02 23:58:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	140137	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	542396	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	285428	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	413048	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	317127	20.00	ng	-0.05
86) Perylene-d12	15.56	264	349509	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1338642	163.88	ng	-0.02
7) Phenol-d6	6.58	99	1427943	135.87	ng	-0.02
23) Nitrobenzene-d5	7.50	82	918931	94.35	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	272211	131.86	ng	-0.03
44) 2-Fluorobiphenyl	9.31	172	1668107	105.88	ng	-0.02
78) Terphenyl-d14	13.05	244	1051566	77.91	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	95927	7.80	ng	Qvalue 81
15) Benzyl Alcohol	7.09	79	15667	2.01	ng	# 41
19) n-Nitroso-di-n-propylamine	7.50	70	124033	18.54	ng	# 81
25) Isophorone	7.50	82	900892	49.64	ng	# 65
49) Dimethylphthalate	9.70	163	136404	7.10	ng	99
56) 2,4-Dinitrotoluene	9.98	165	35414	6.41	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.77	198	710	2.94	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	21115	4.89	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092749.D

Acq: 2 Feb 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SB-28-COMP

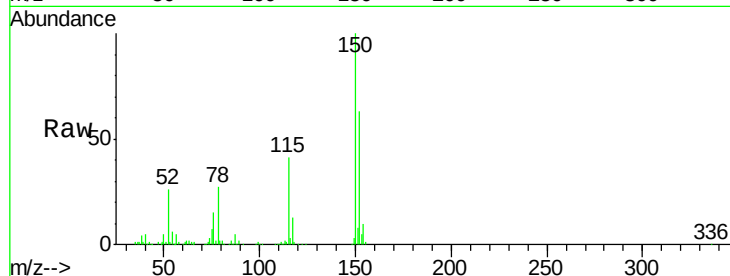
Tgt Ion:152 Resp: 140137

Ion Ratio Lower Upper

152 100

150 159.7 124.9 187.3

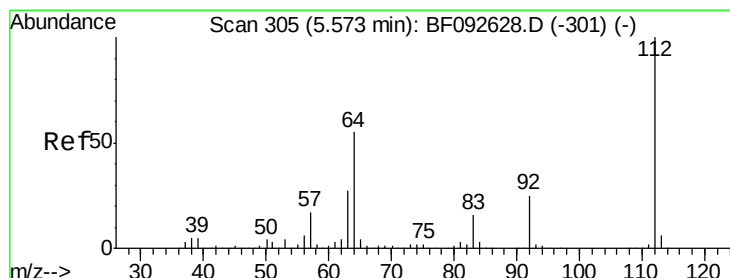
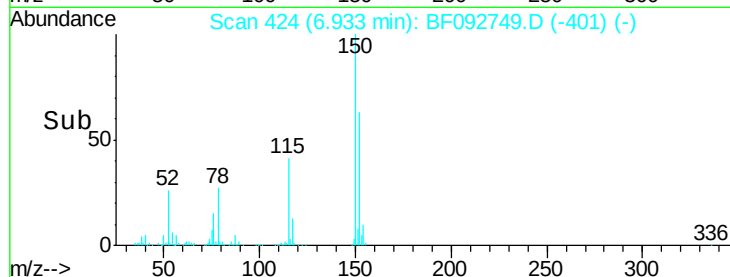
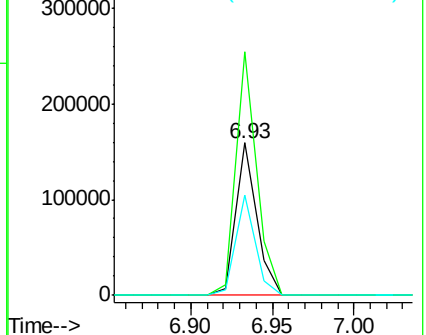
115 65.9 46.0 69.0



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: 163.88 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092749.D

Acq: 2 Feb 2017 21:43

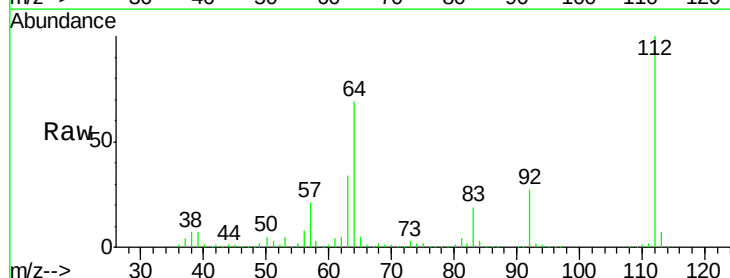
Tgt Ion:112 Resp: 1338642

Ion Ratio Lower Upper

112 100

64 68.6 46.1 69.1

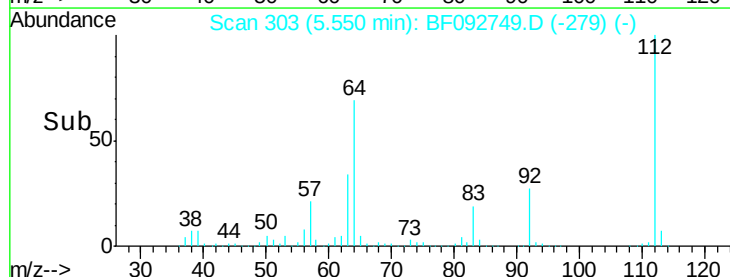
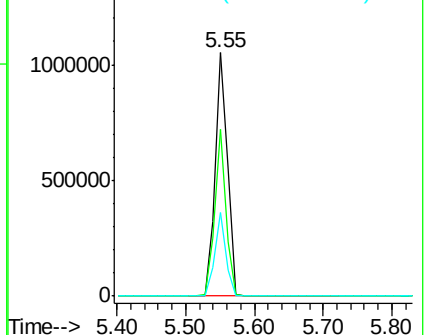
63 34.3 23.8 35.6

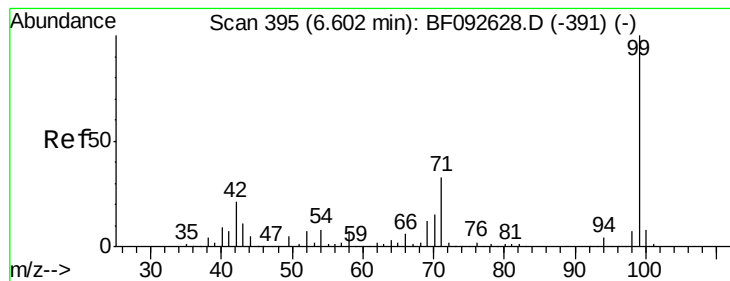


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.87 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092749.D

Acq: 2 Feb 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SB-28-COMP

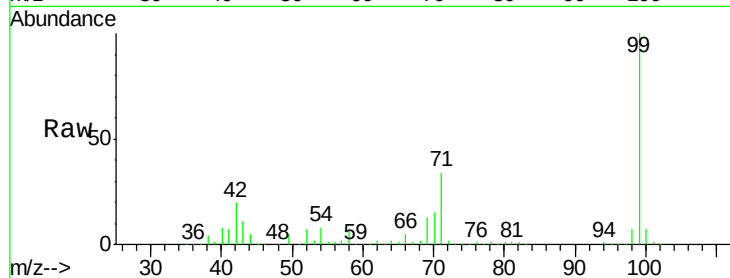
Tgt Ion: 99 Resp: 1427943

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

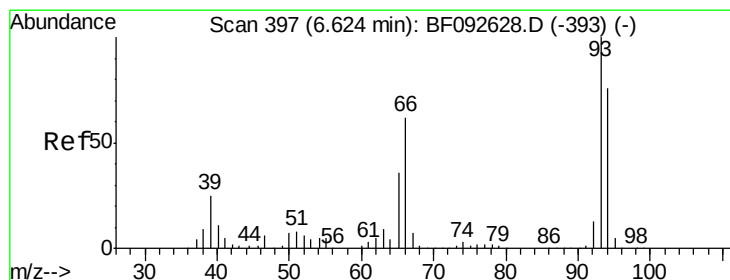
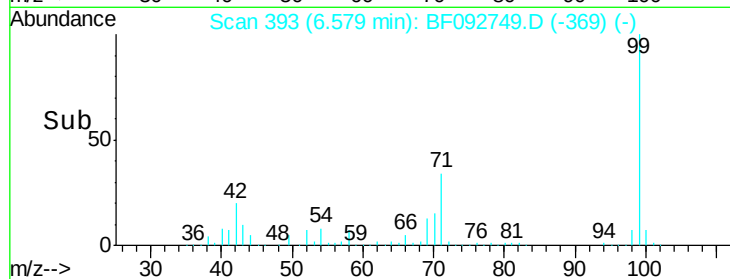
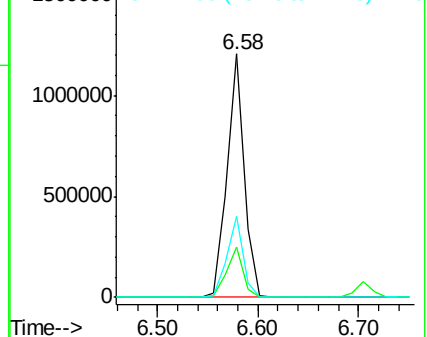
71 33.5 27.5 41.3



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



#10

Phenol

Concen: 7.80 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092749.D

Acq: 2 Feb 2017 21:43

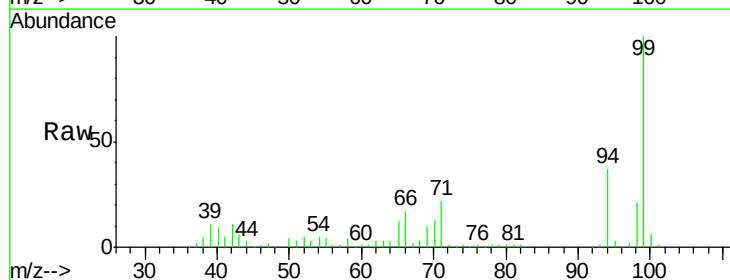
Tgt Ion: 94 Resp: 95927

Ion Ratio Lower Upper

94 100

65 32.6 21.4 61.4

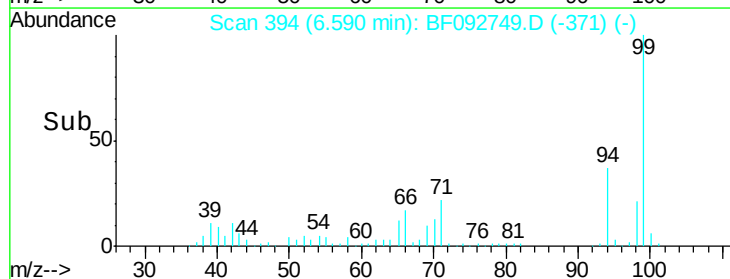
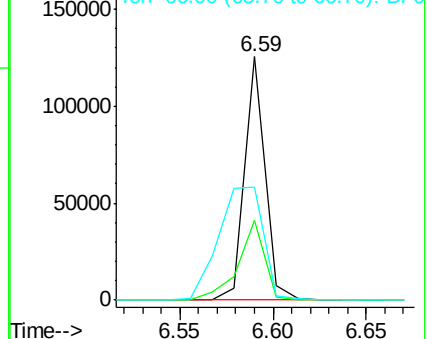
66 46.6 44.0 84.0

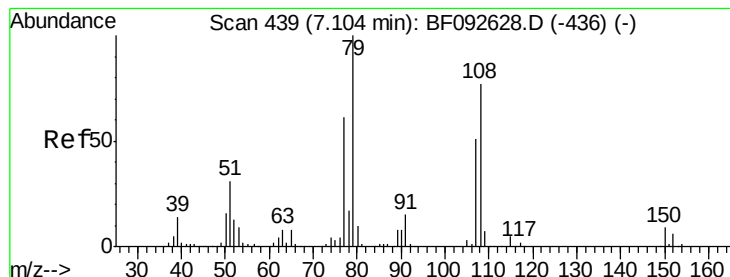


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF092749.D

Acq: 2 Feb 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SB-28-COMP

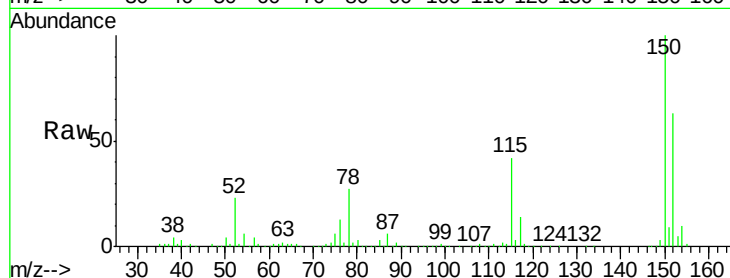
Tgt Ion: 79 Resp: 15667

Ion Ratio Lower Upper

79 100

108 29.2 61.4 92.0#

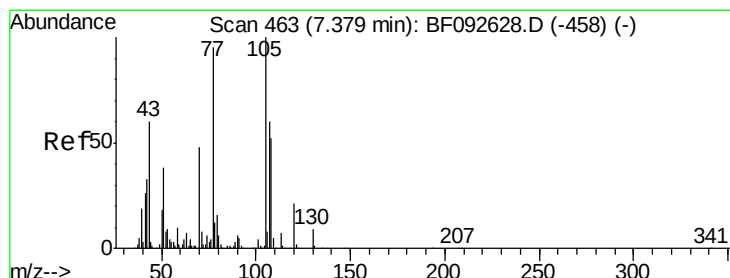
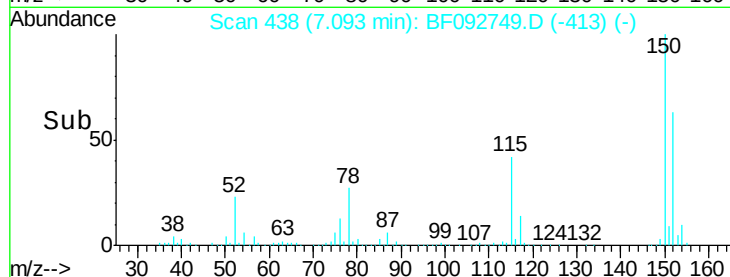
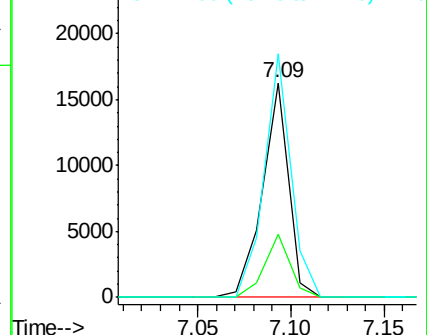
77 113.4 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.54 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.13 min

Lab File: BF092749.D

Acq: 2 Feb 2017 21:43

Tgt Ion: 70 Resp: 124033

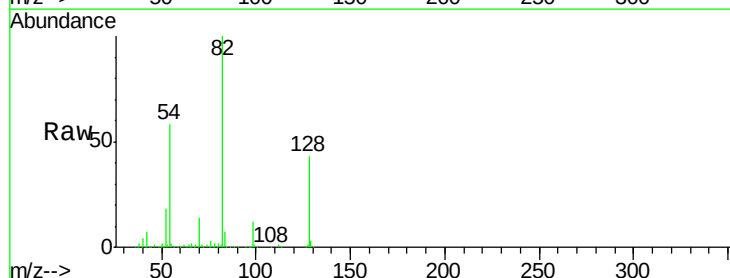
Ion Ratio Lower Upper

70 100

42 51.2 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

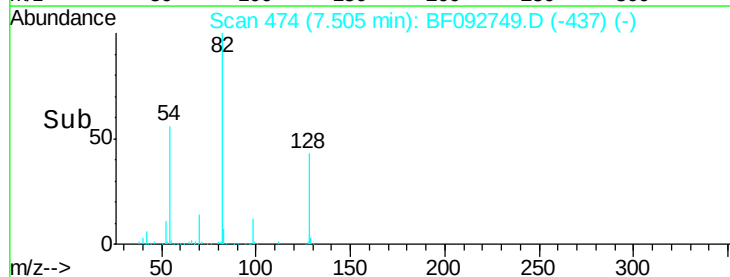
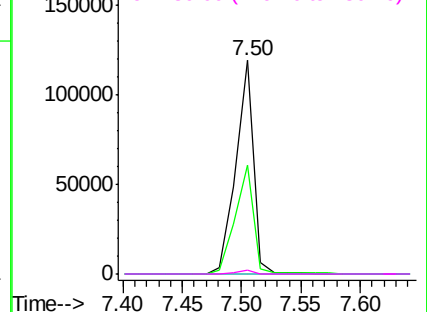


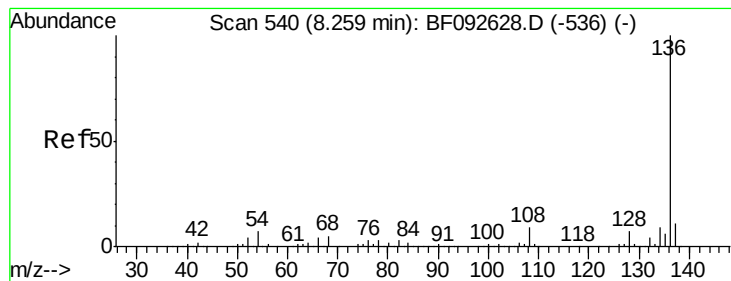
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092749.D

Acq: 2 Feb 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SB-28-COMP

Tgt Ion: 136 Resp: 542396

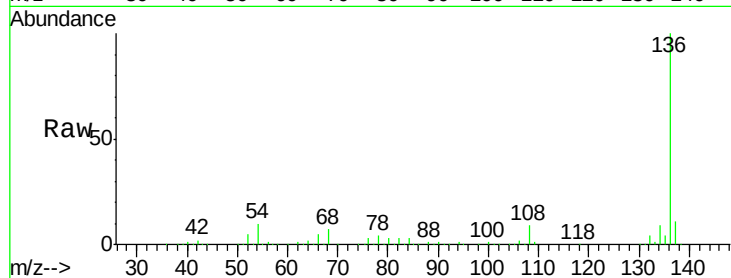
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.3 4.5 6.7#

68 6.7 3.6 5.4#

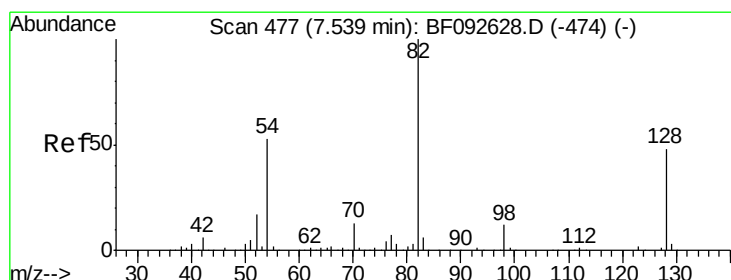
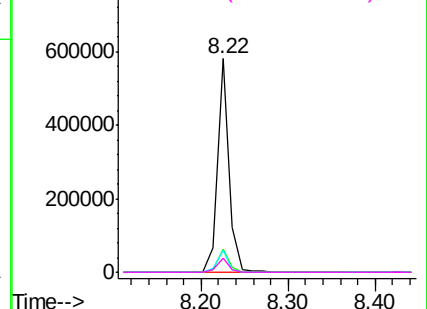
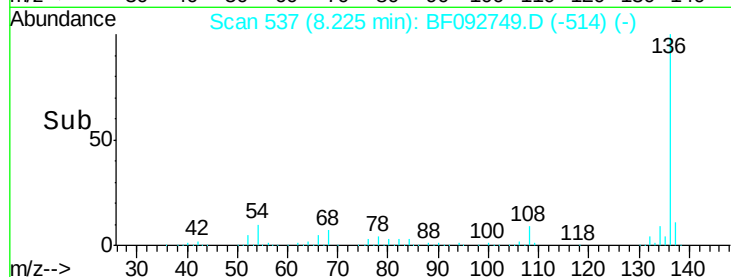


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.35 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF092749.D

Acq: 2 Feb 2017 21:43

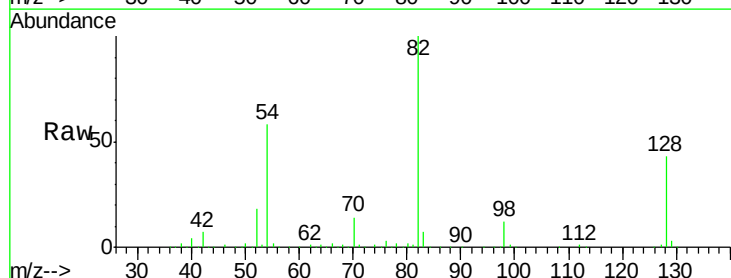
Tgt Ion: 82 Resp: 918931

Ion Ratio Lower Upper

82 100

128 42.7 34.6 52.0

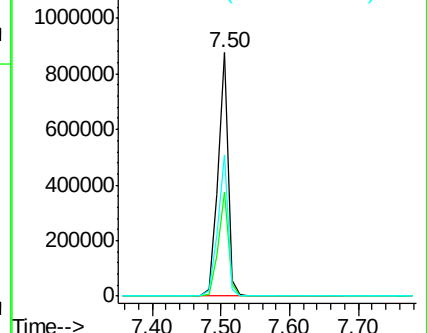
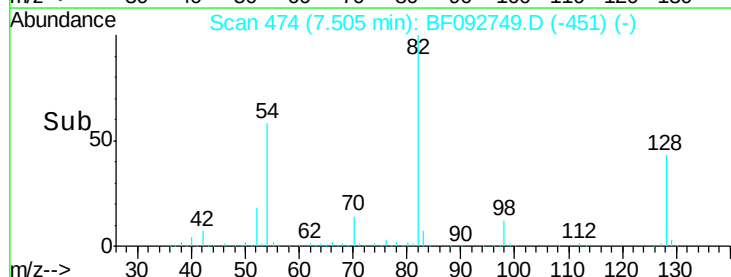
54 57.9 39.5 59.3

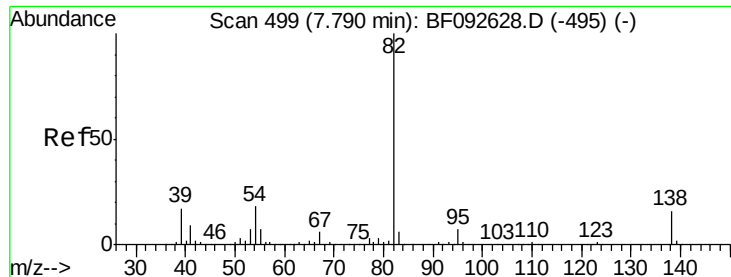


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.64 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF092749.D

Acq: 2 Feb 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SB-28-COMP

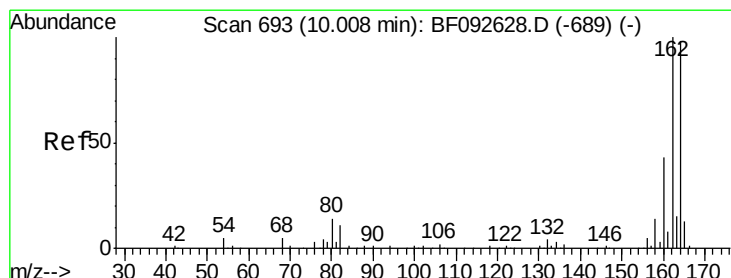
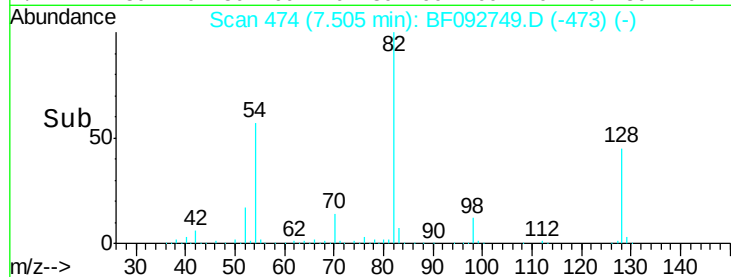
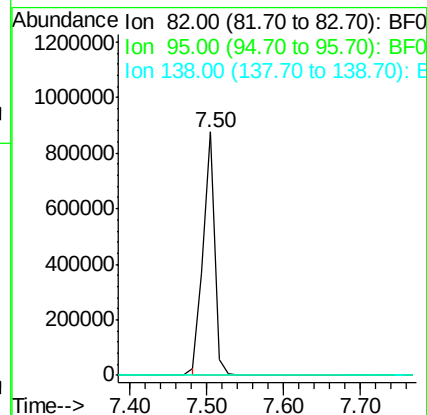
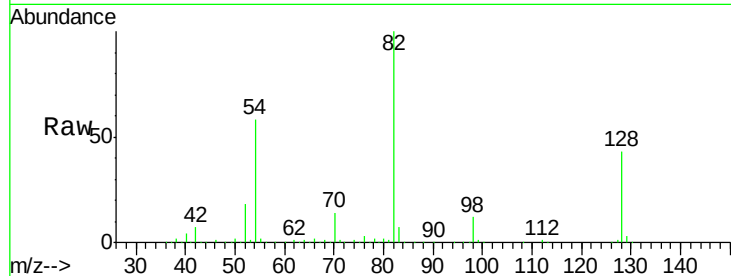
Tgt Ion: 82 Resp: 900892

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF092749.D

Acq: 2 Feb 2017 21:43

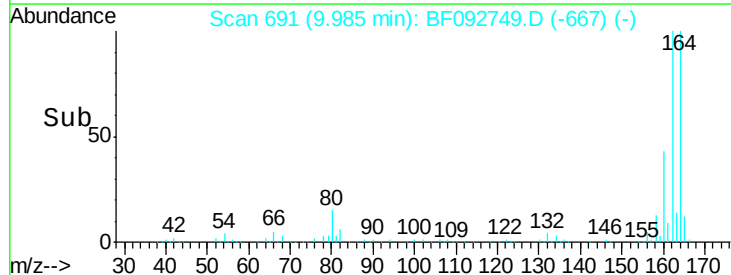
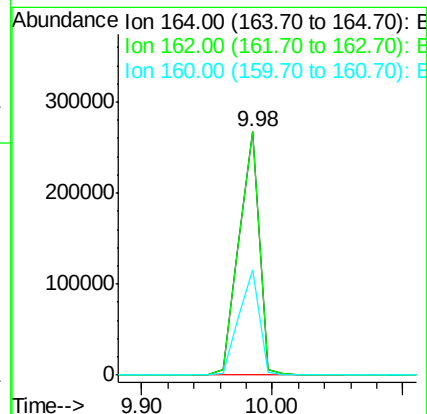
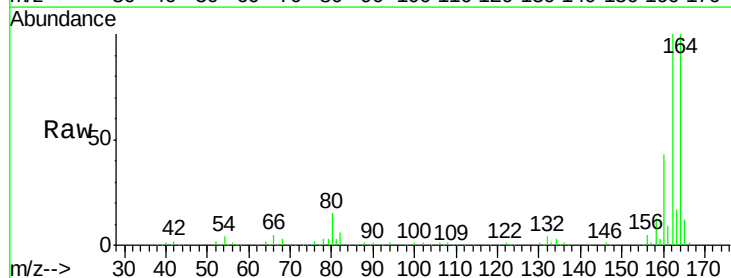
Tgt Ion: 164 Resp: 285428

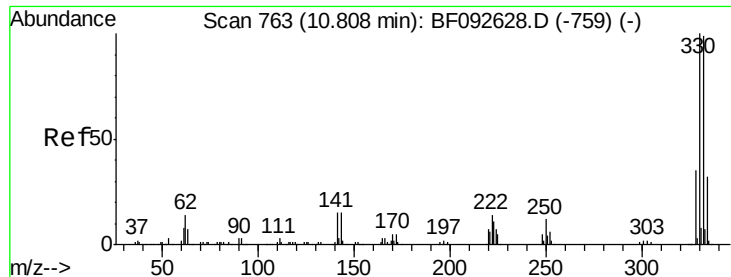
Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

160 43.4 36.9 55.3

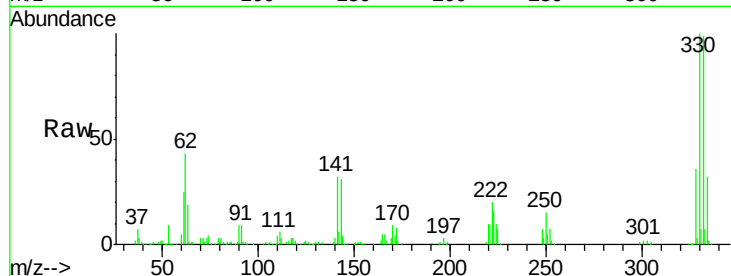




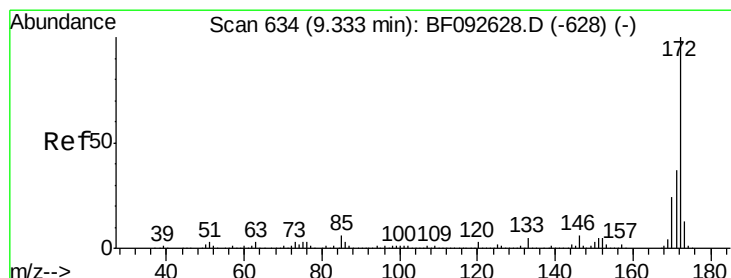
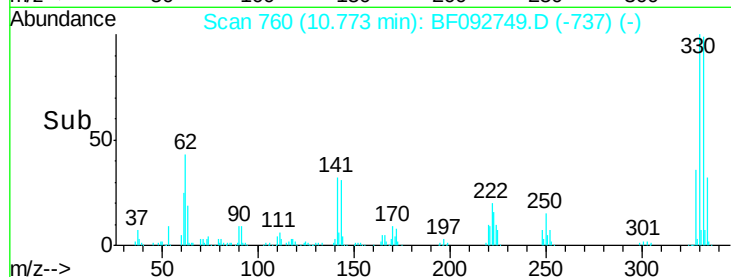
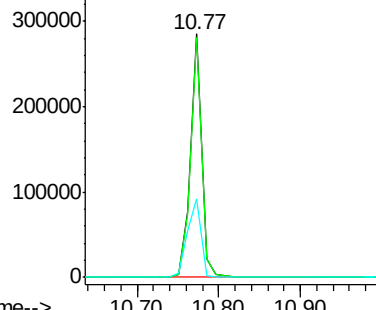
#41
 2,4,6-Tribromophenol
 Concen: 131.86 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092749.D
 Acq: 2 Feb 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-28-COMP

Tgt Ion:330 Resp: 272211
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 39.5 34.1 51.1

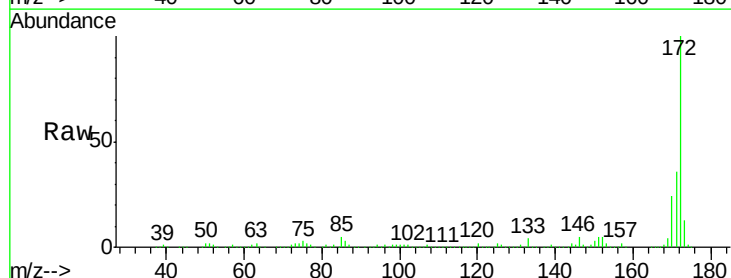


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

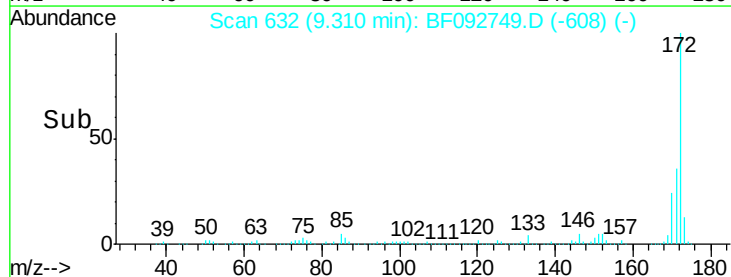
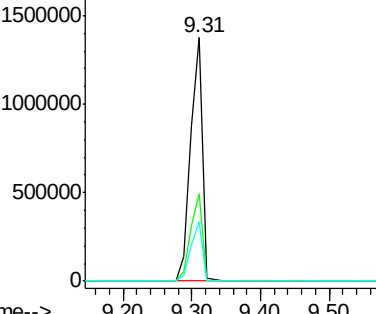


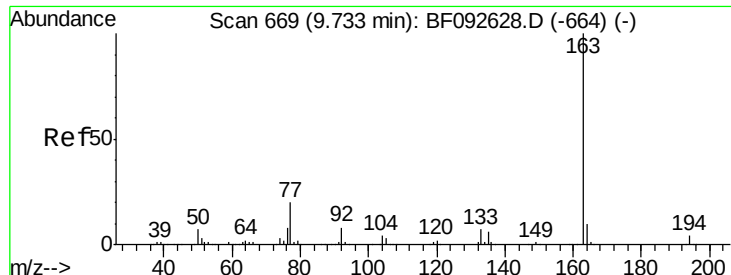
#44
 2-Fluorobiphenyl
 Concen: 105.88 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092749.D
 Acq: 2 Feb 2017 21:43

Tgt Ion:172 Resp: 1668107
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.2 20.2 30.4



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

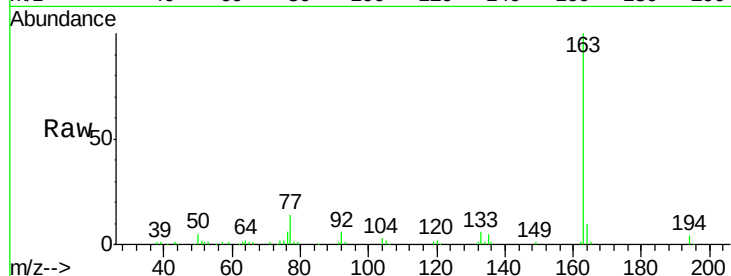




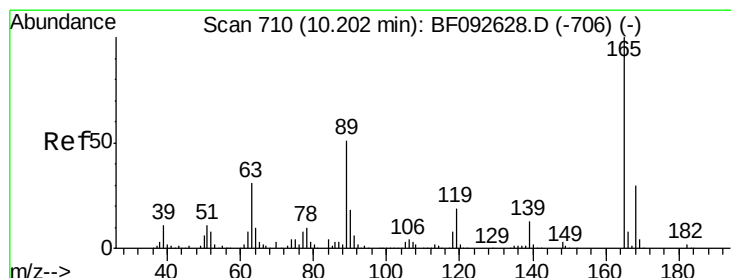
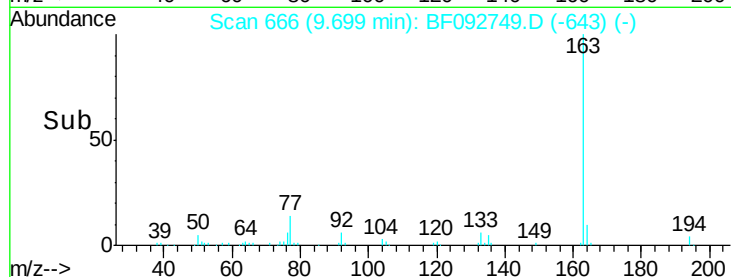
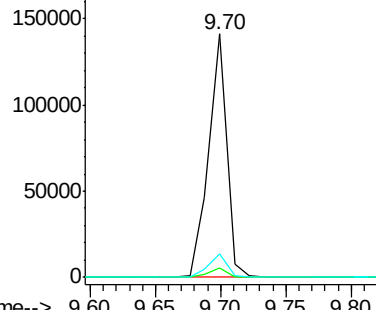
#49
Dimethylphthalate
Concen: 7.10 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF092749.D
Acq: 2 Feb 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

Tgt Ion:163 Resp: 136404
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.8 8.0 12.0

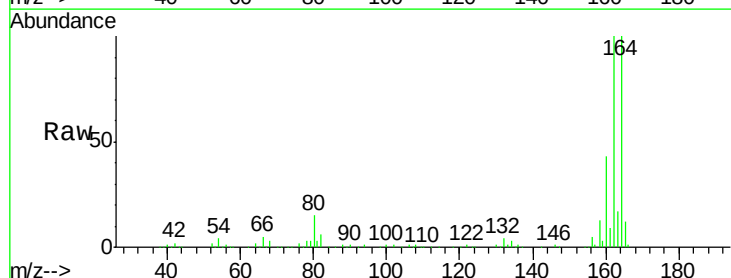


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

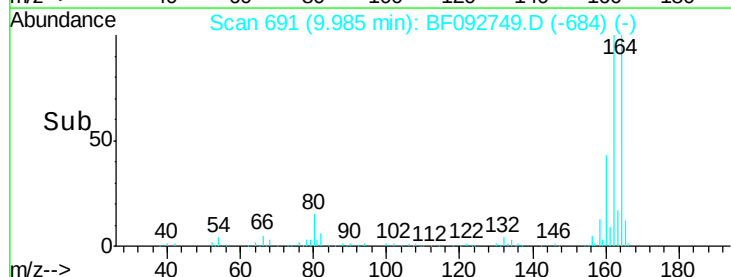
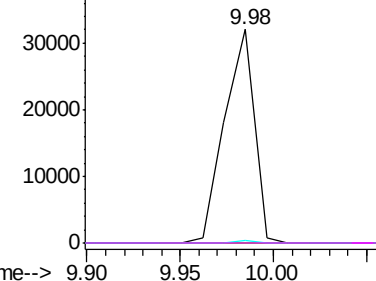


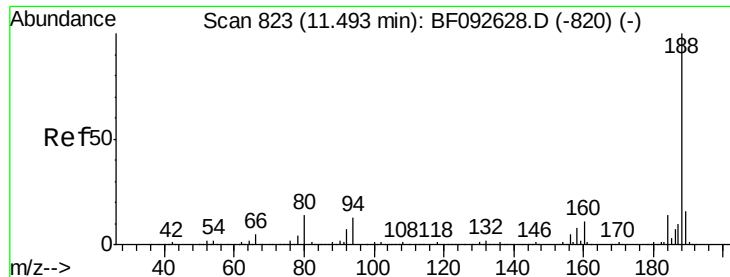
#56
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.22 min
Lab File: BF092749.D
Acq: 2 Feb 2017 21:43

Tgt Ion:165 Resp: 35414
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#



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

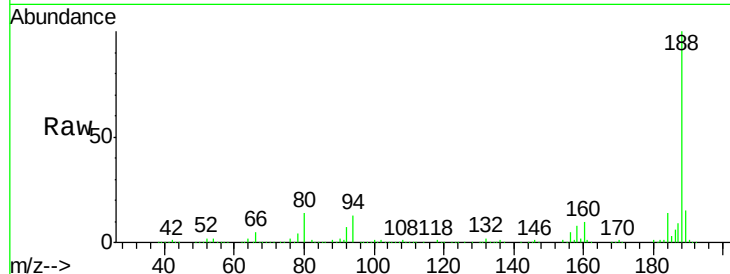




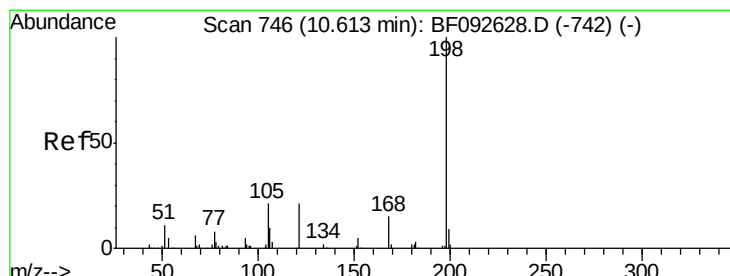
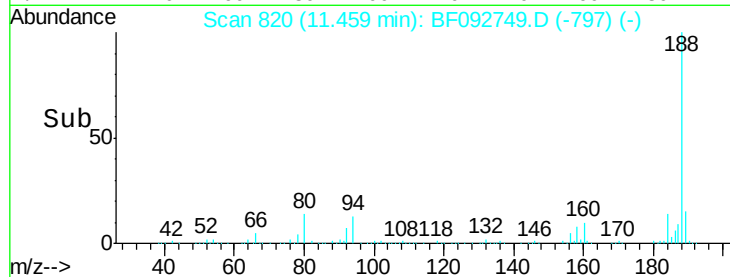
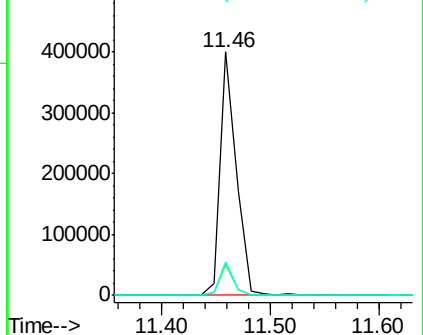
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092749.D
Acq: 2 Feb 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

Tgt Ion:188 Resp: 413048
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 13.6 11.2 16.8

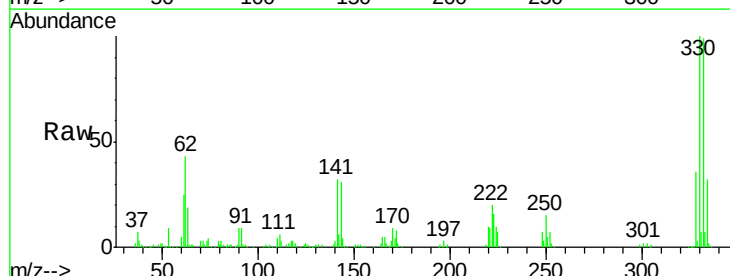


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

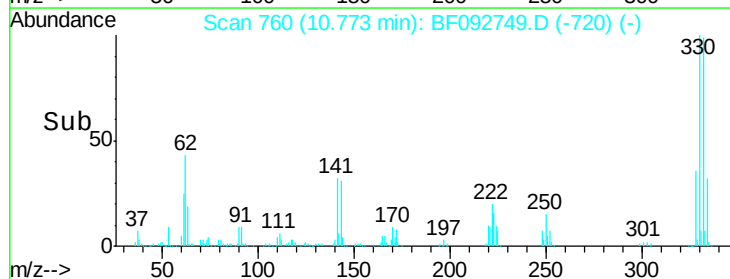
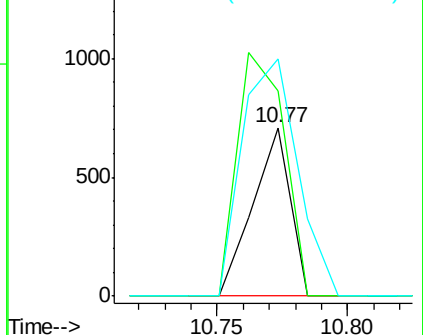


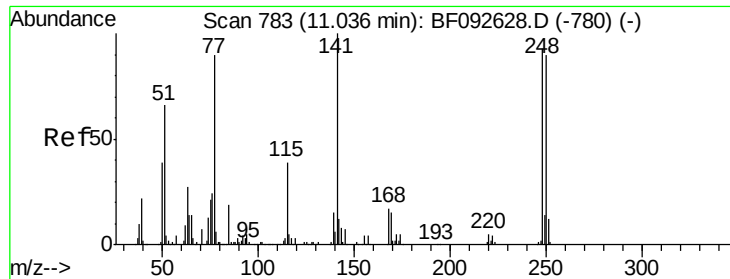
#64
4,6-Dinitro-2-methylphenol
Concen: 2.94 ng
RT: 10.77 min Scan# 760
Delta R.T. 0.16 min
Lab File: BF092749.D
Acq: 2 Feb 2017 21:43

Tgt Ion:198 Resp: 710
Ion Ratio Lower Upper
198 100
51 122.0 6.7 46.7#
105 141.0 16.6 56.6#



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

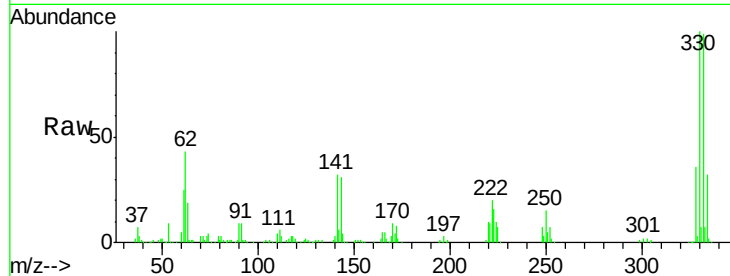




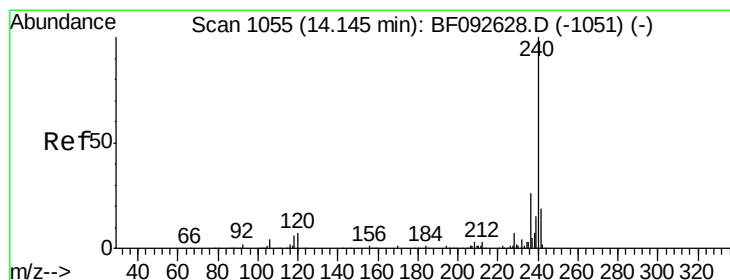
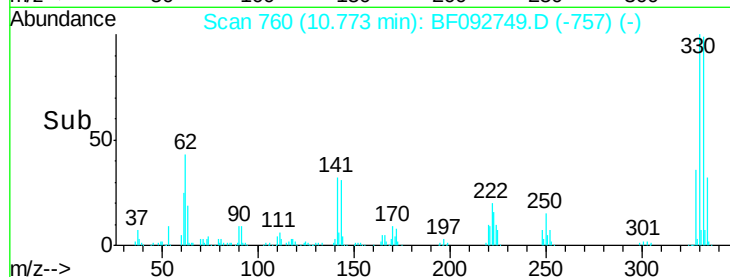
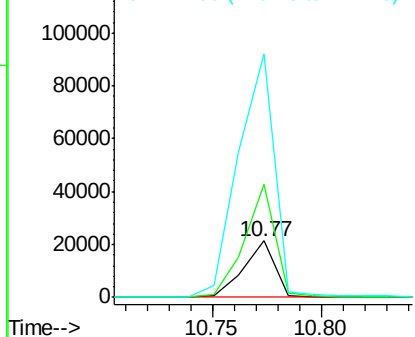
#66
 4-Bromophenyl-phenylether
 Concen: 4.89 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF092749.D
 Acq: 2 Feb 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-28-COMP

Tgt Ion:248 Resp: 21115
 Ion Ratio Lower Upper
 248 100
 250 200.7 76.9 115.3#
 141 430.7 68.2 102.4#

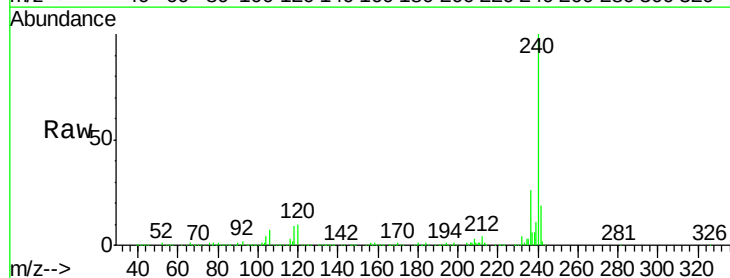


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

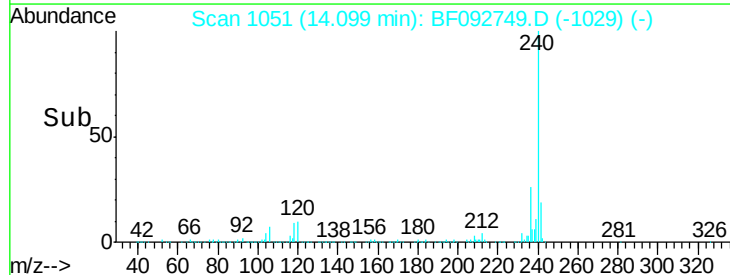
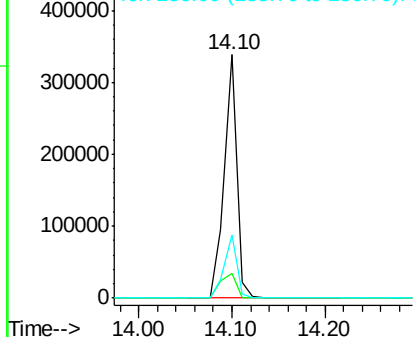


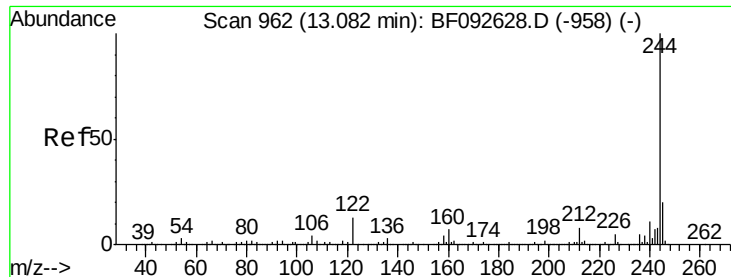
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.05 min
 Lab File: BF092749.D
 Acq: 2 Feb 2017 21:43

Tgt Ion:240 Resp: 317127
 Ion Ratio Lower Upper
 240 100
 120 10.2 12.9 19.3#
 236 25.9 20.9 31.3



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

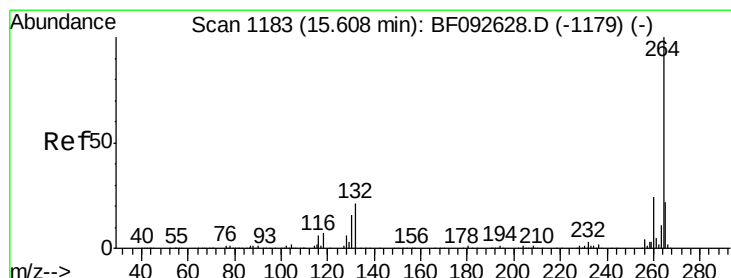
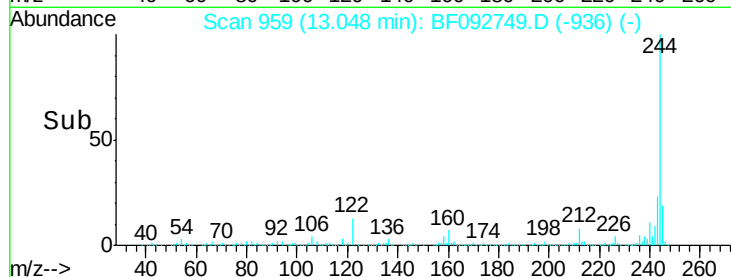
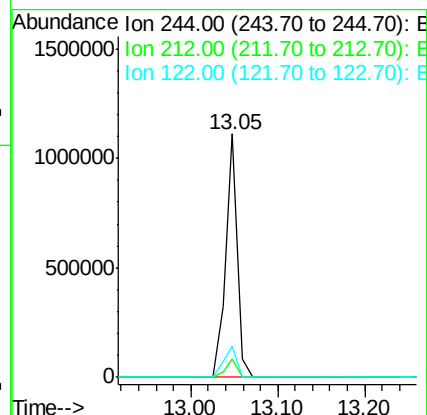
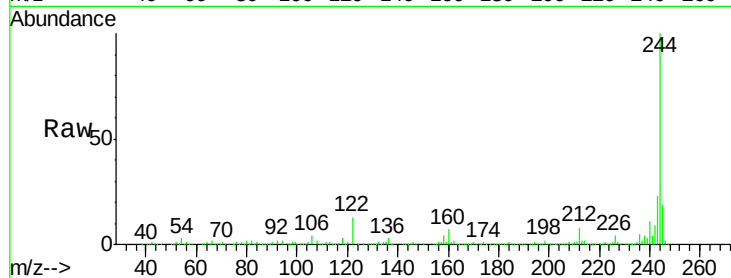




#78
 Terphenyl-d14
 Concen: 77.91 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092749.D
 Acq: 2 Feb 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-28-COMP

Tgt Ion:244 Resp: 1051566
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF092749.D
 Acq: 2 Feb 2017 21:43

Tgt Ion:264 Resp: 349509
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.7 17.4 26.0

