

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092452.D
 Acq On : 25 Jan 2017 1:58
 Operator : UM/SJ
 Sample : I1379-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITE

Quant Time: Jan 25 04:41:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

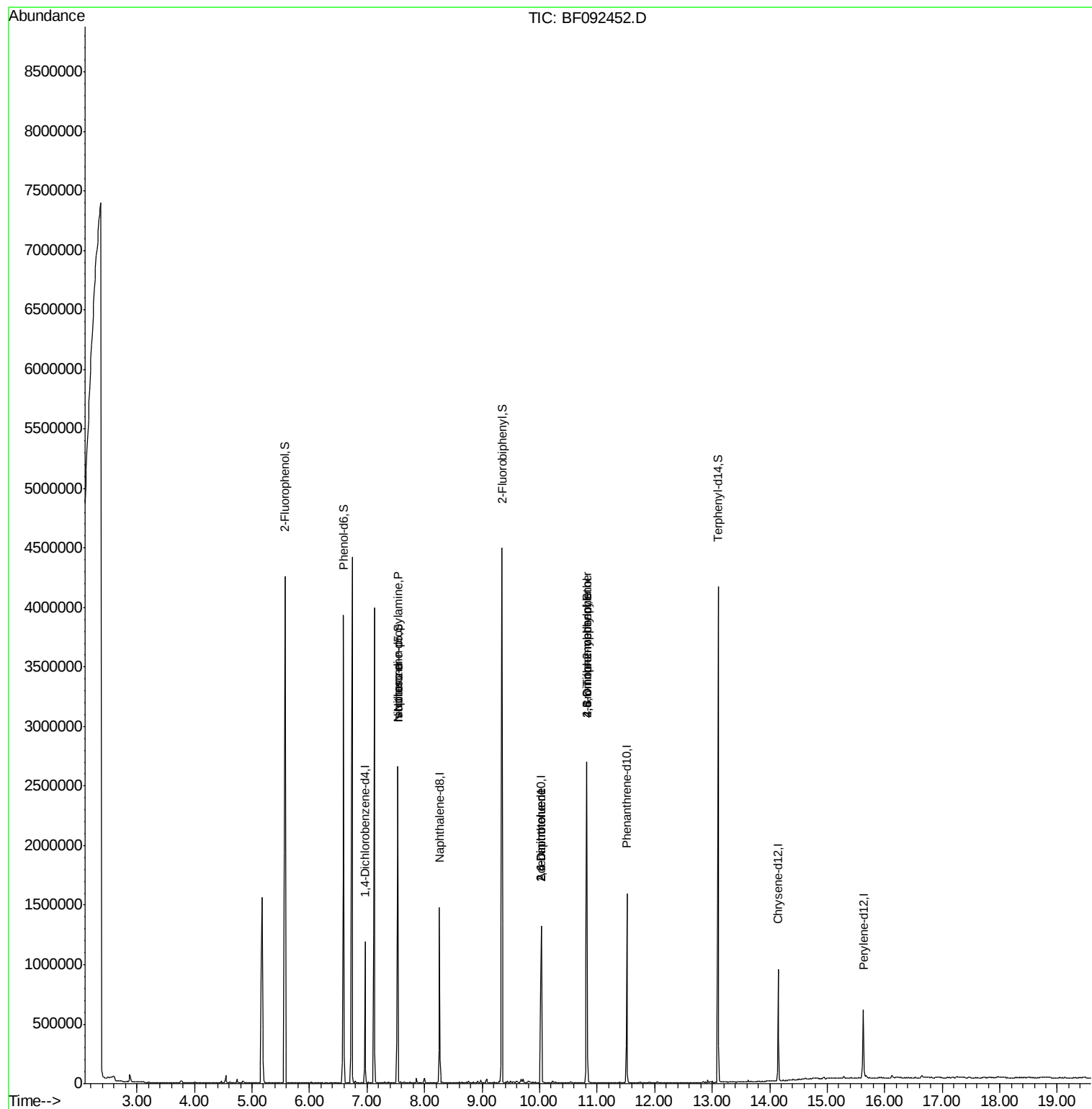
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158076	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	629691	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	342230	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	538102	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	341804	20.00	ng	-0.02
86) Perylene-d12	15.63	264	315198	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1220253	120.10	ng	0.02
7) Phenol-d6	6.59	99	1417718	109.55	ng	0.00
23) Nitrobenzene-d5	7.54	82	1168780	101.39	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	293389	125.80	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1701286	91.93	ng	-0.01
78) Terphenyl-d14	13.11	244	1325677	103.28	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	155031	17.59	ng	# 79
25) Isophorone	7.54	82	1092956	48.11	ng	# 65
50) 2,6-Dinitrotoluene	10.03	165	44808	10.07	ng	# 30
56) 2,4-Dinitrotoluene	10.03	165	45062	7.63	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	709	5.17	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	23584	4.34	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092452.D

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Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITE

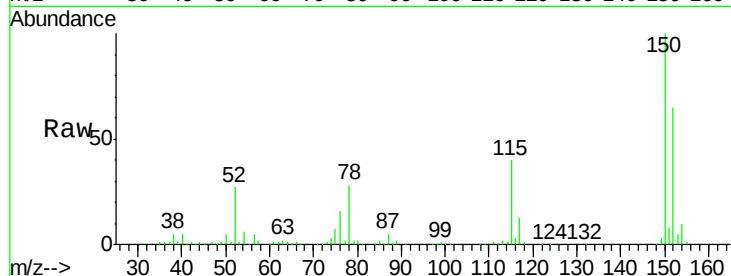
Tgt Ion:152 Resp: 158076

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

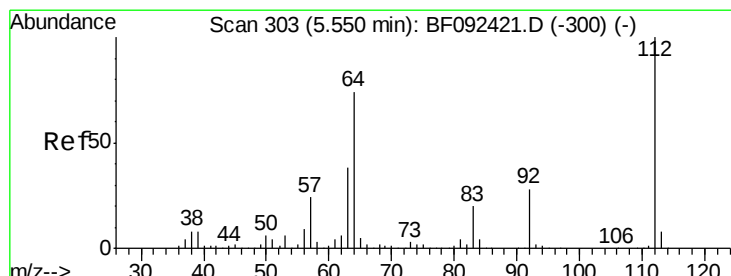
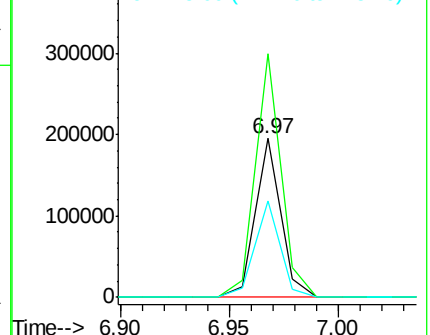
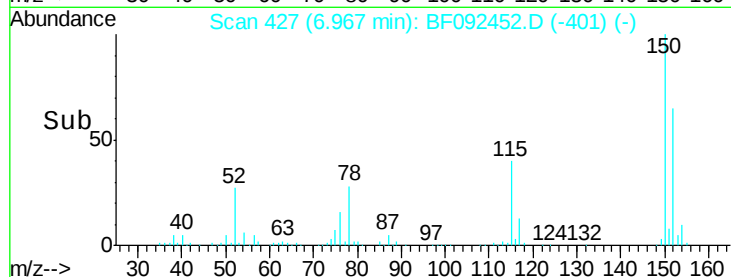
115 60.9 46.0 69.0



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: 120.10 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092452.D

Acq: 25 Jan 2017 1:58

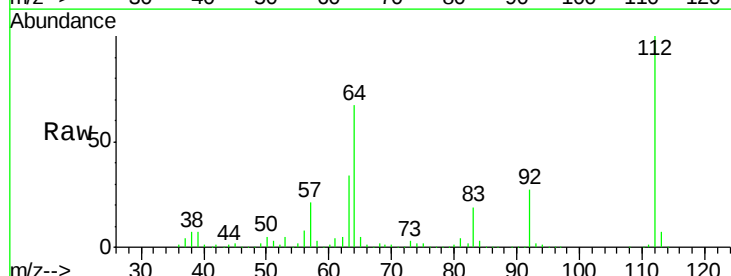
Tgt Ion:112 Resp: 1220253

Ion Ratio Lower Upper

112 100

64 67.2 46.1 69.1

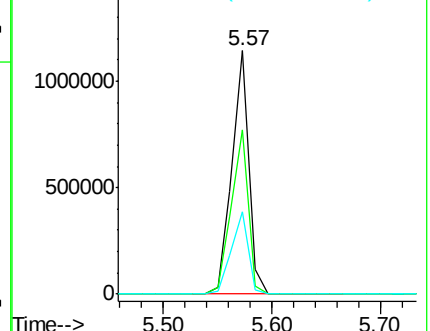
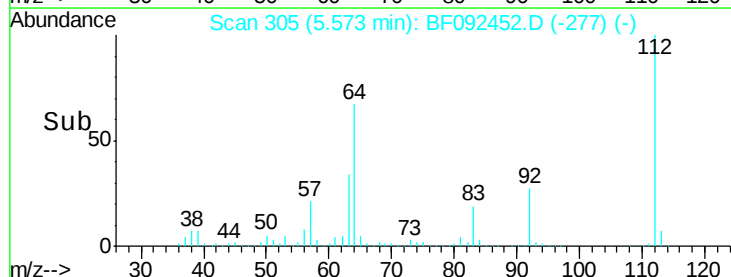
63 33.6 23.8 35.6

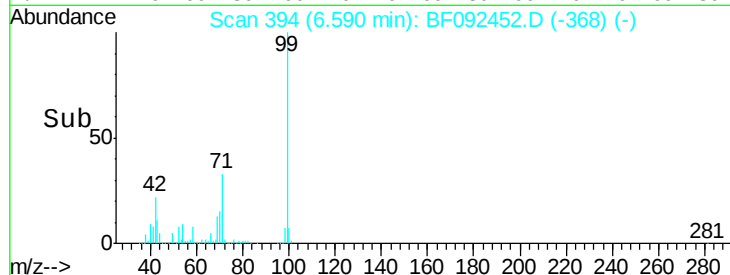
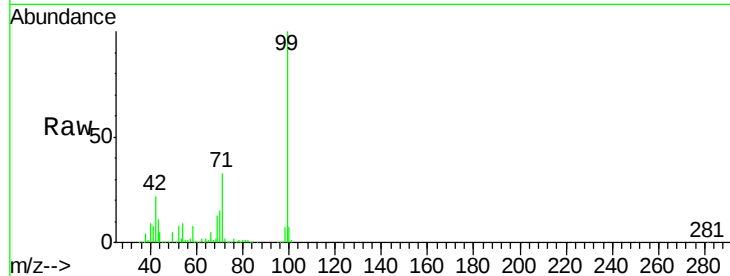
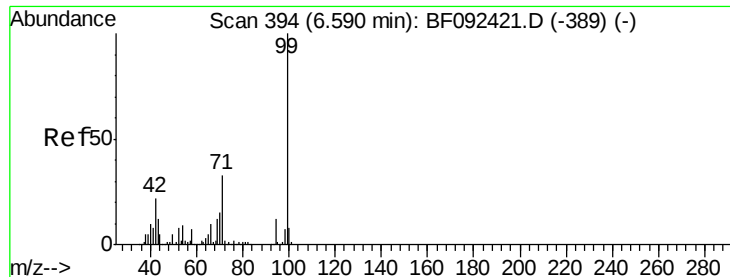


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.55 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092452.D

Acq: 25 Jan 2017 1:58

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITE

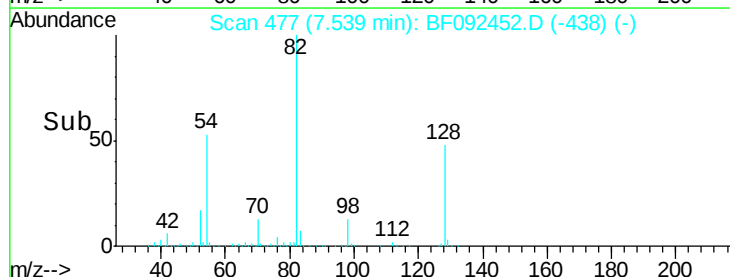
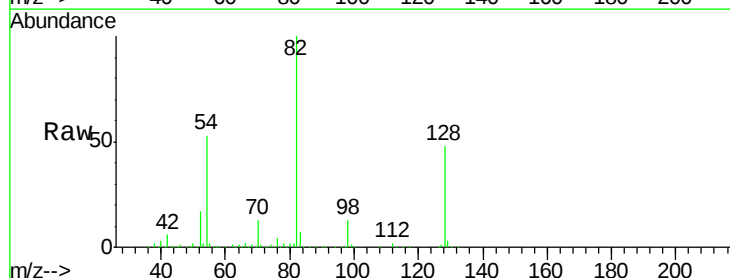
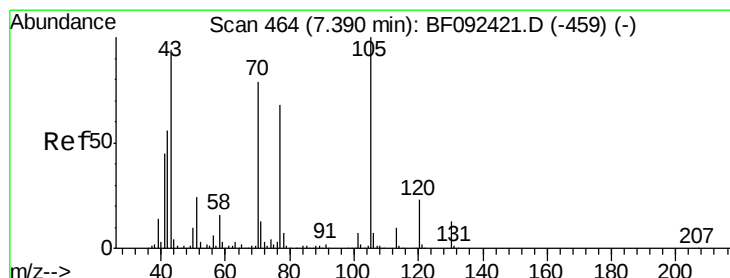
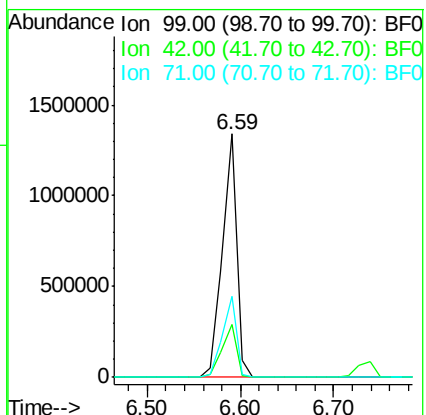
Tgt Ion: 99 Resp: 1417718

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

71 33.3 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.59 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092452.D

Acq: 25 Jan 2017 1:58

Tgt Ion: 70 Resp: 155031

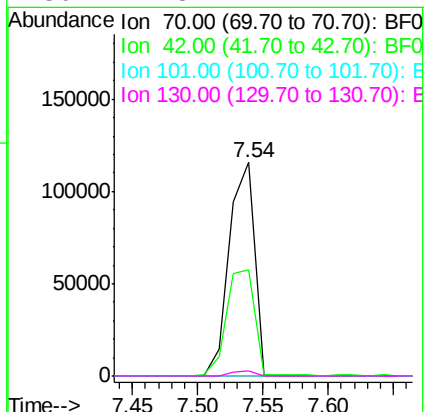
Ion Ratio Lower Upper

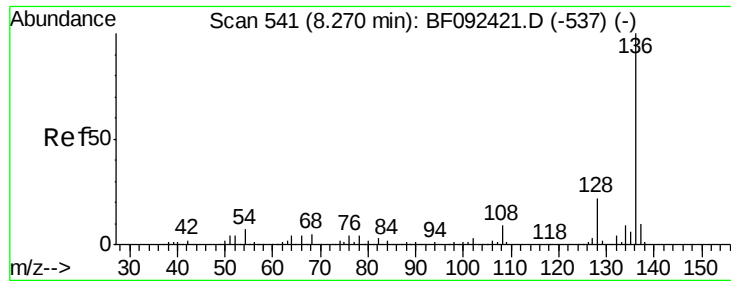
70 100

42 49.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092452.D

Acq: 25 Jan 2017 1:58

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITE

Tgt Ion:136 Resp: 629691

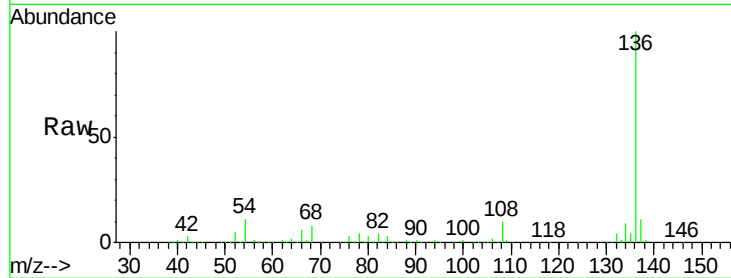
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 11.2 4.5 6.7#

68 7.7 3.6 5.4#

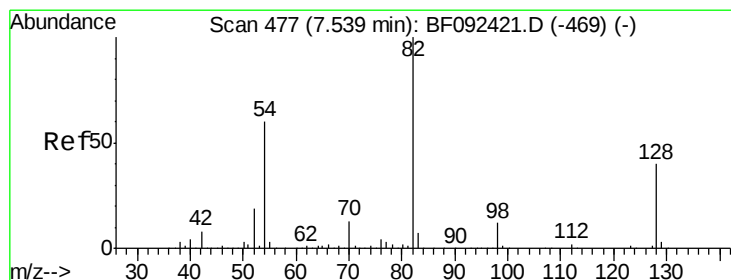
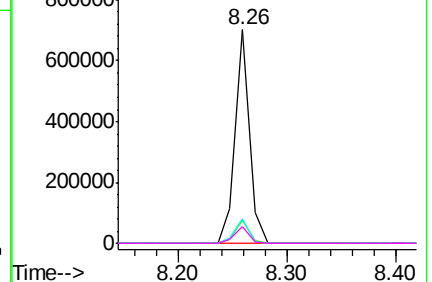
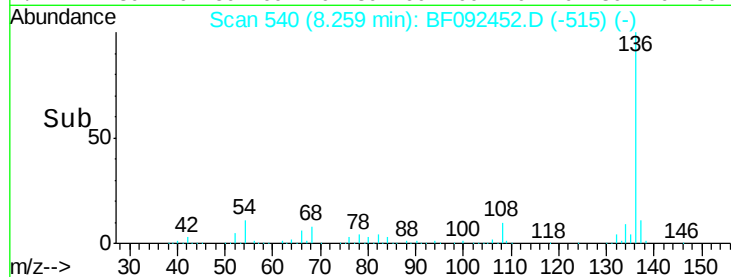


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.39 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092452.D

Acq: 25 Jan 2017 1:58

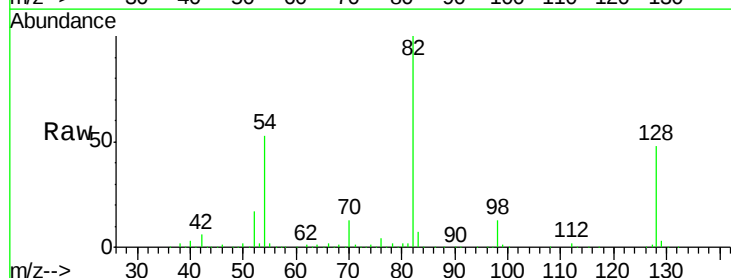
Tgt Ion: 82 Resp: 1168780

Ion Ratio Lower Upper

82 100

128 47.5 34.6 52.0

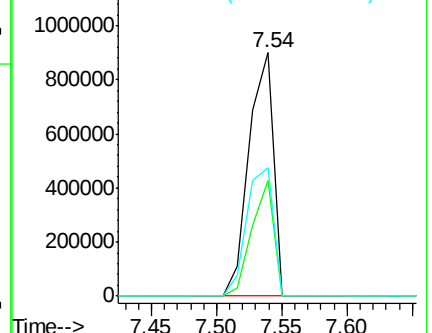
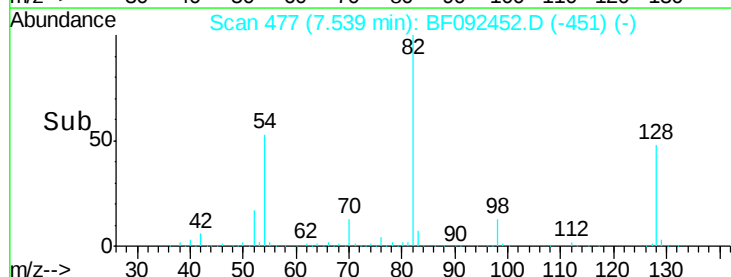
54 53.0 39.5 59.3

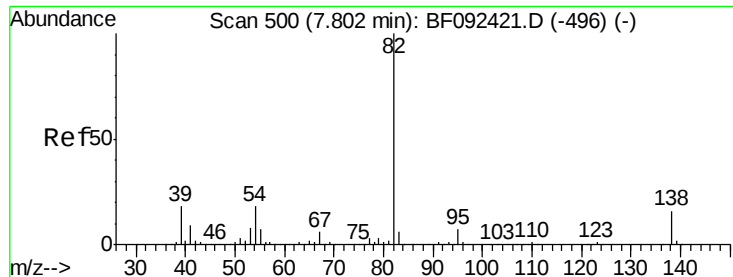


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.11 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092452.D

Acq: 25 Jan 2017 1:58

Instrument :

BNA_F

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WC-COMPOSITE

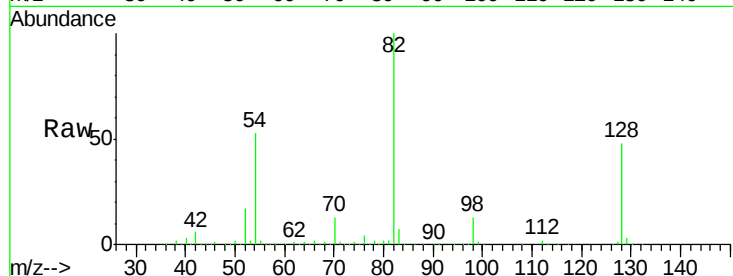
Tgt Ion: 82 Resp: 1092956

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

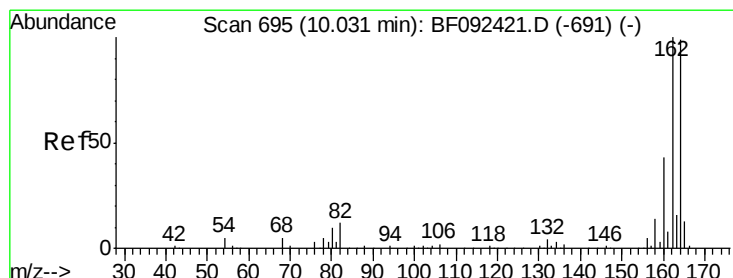
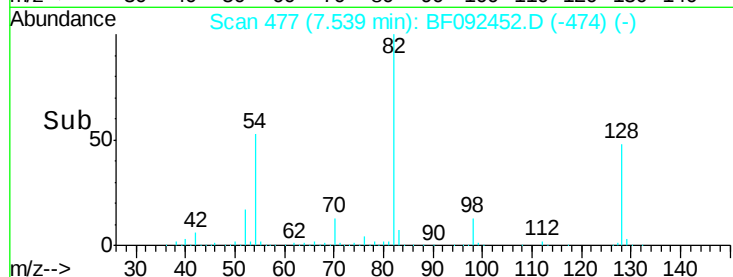
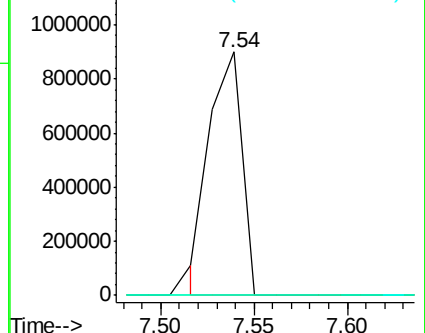
138 0.0 14.6 22.0#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092452.D

Acq: 25 Jan 2017 1:58

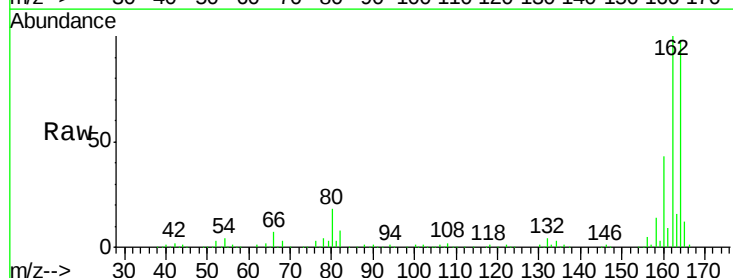
Tgt Ion: 164 Resp: 342230

Ion Ratio Lower Upper

164 100

162 102.4 80.2 120.2

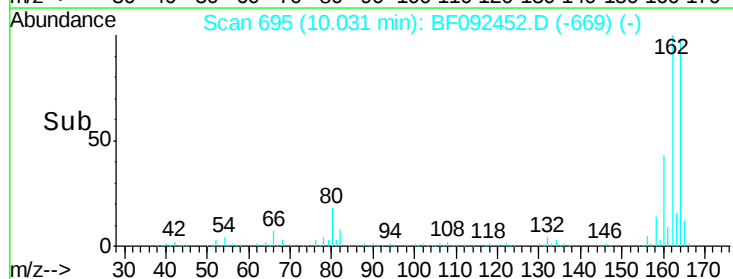
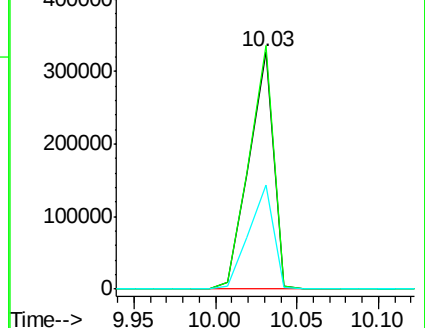
160 43.7 36.9 55.3

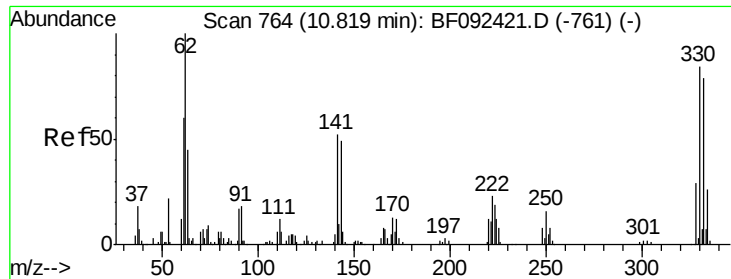


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

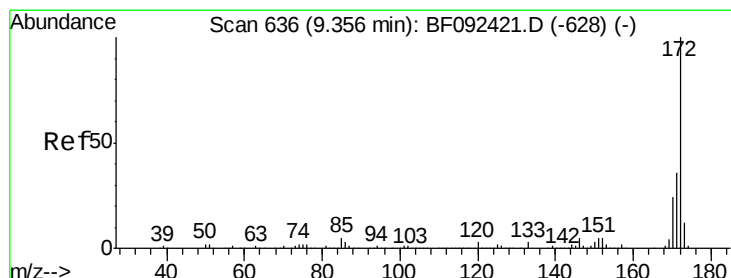
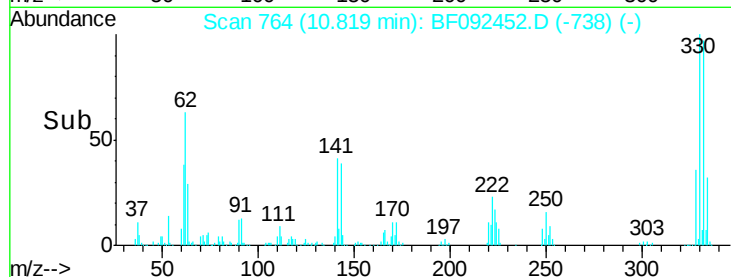
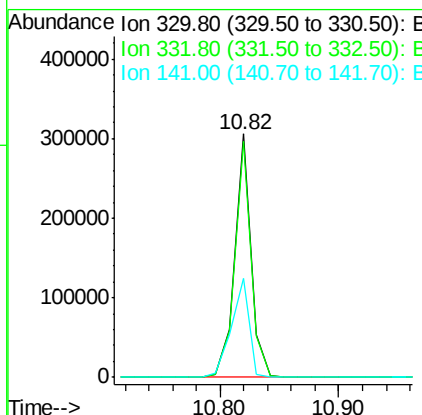
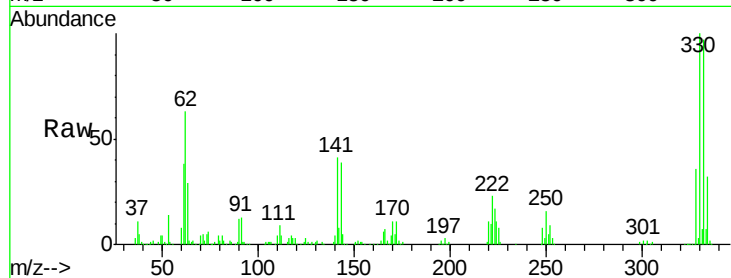




#41
 2,4,6-Tribromophenol
 Concen: 125.80 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092452.D
 Acq: 25 Jan 2017 1:58

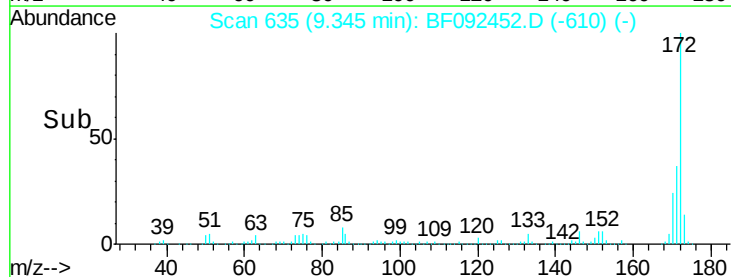
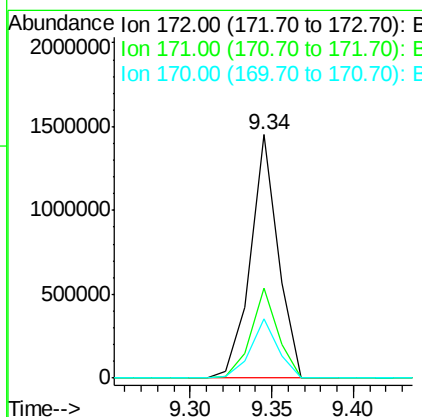
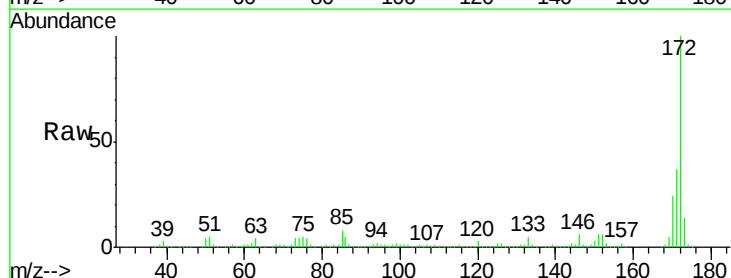
Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITE

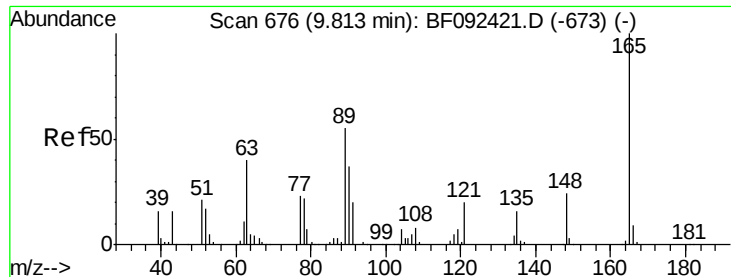
Tgt Ion:330 Resp: 293389
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 43.9 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 91.93 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092452.D
 Acq: 25 Jan 2017 1:58

Tgt Ion:172 Resp: 1701286
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.5 20.2 30.4

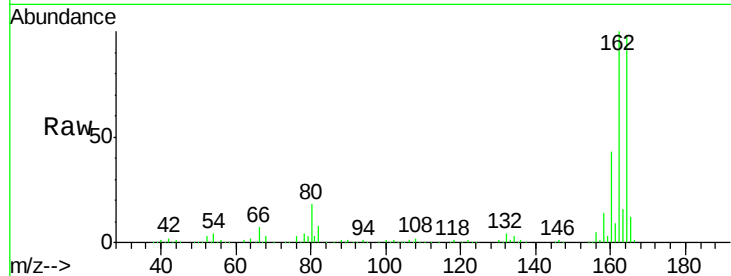




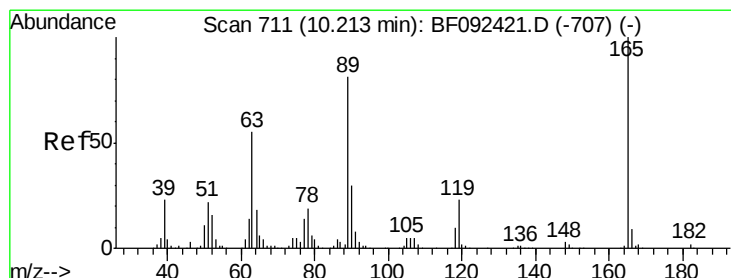
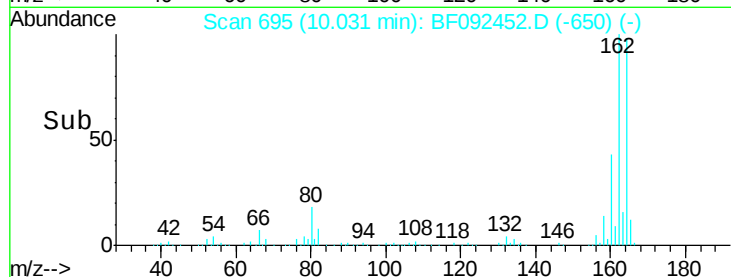
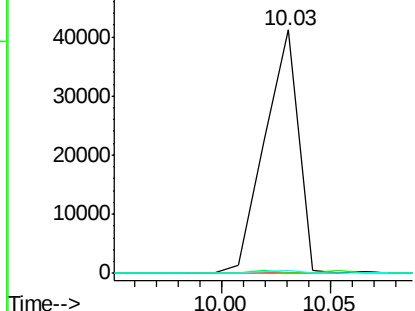
#50
 2,6-Dinitrotoluene
 Concen: 10.07 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.22 min
 Lab File: BF092452.D
 Acq: 25 Jan 2017 1:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITE

Tgt Ion:165 Resp: 44808
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 1.1 40.2 60.4#

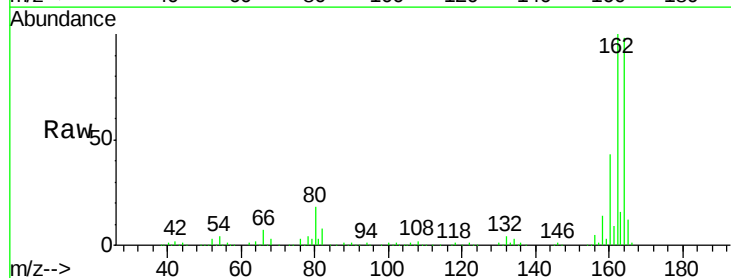


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

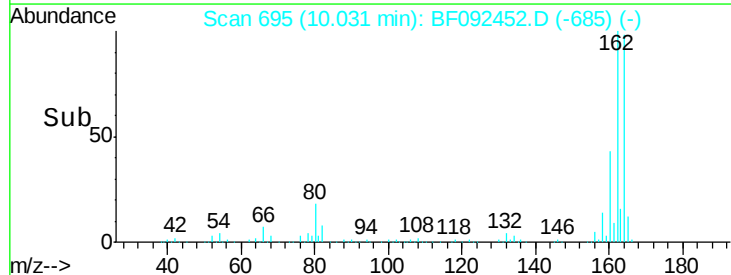
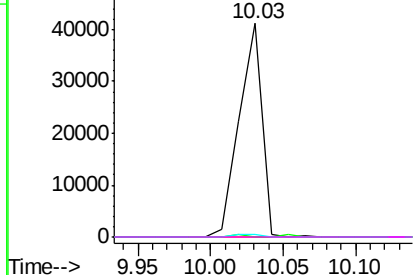


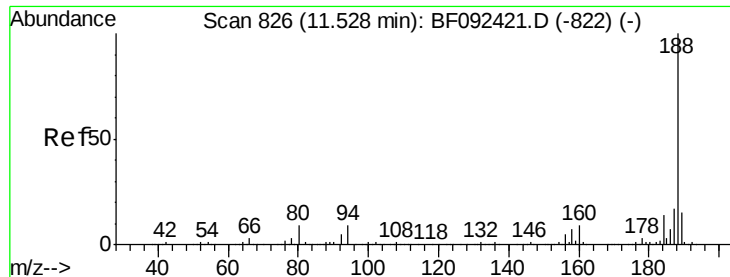
#56
 2,4-Dinitrotoluene
 Concen: 7.63 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.18 min
 Lab File: BF092452.D
 Acq: 25 Jan 2017 1:58

Tgt Ion:165 Resp: 45062
 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

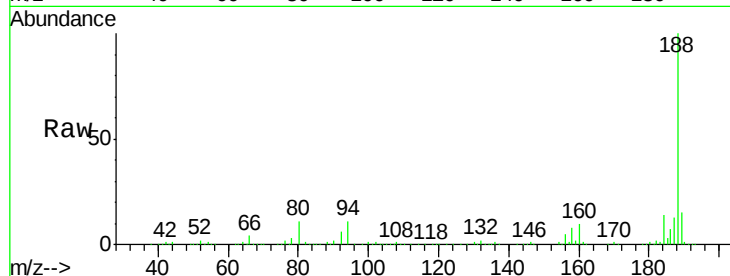




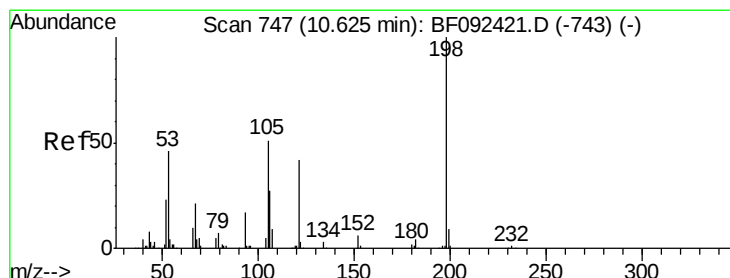
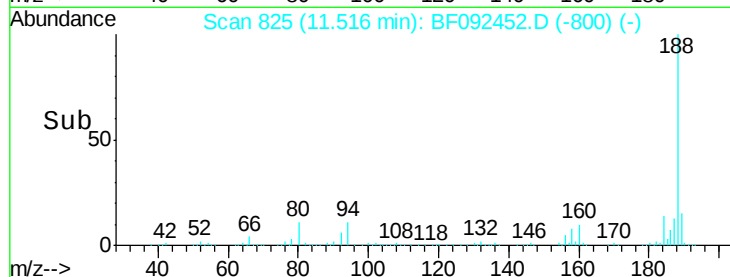
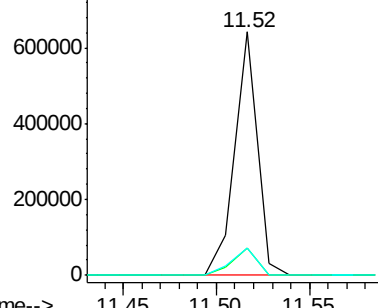
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092452.D
Acq: 25 Jan 2017 1:58

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITE

Tgt Ion:188 Resp: 538102
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.4 11.2 16.8

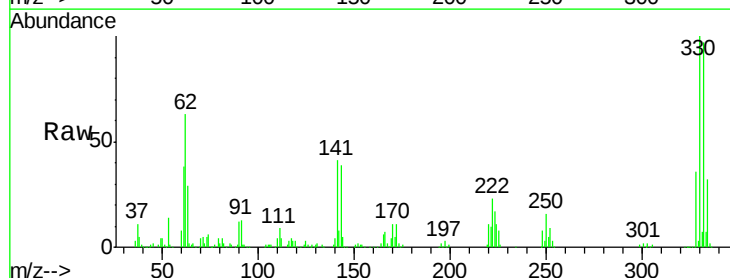


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

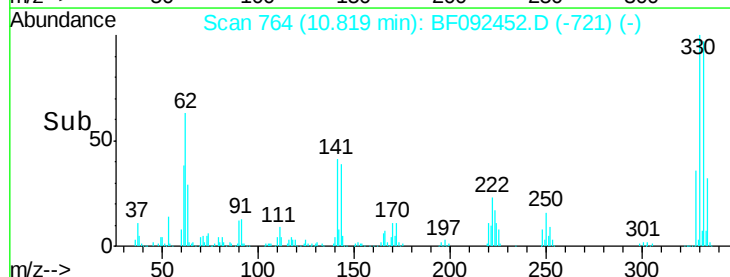
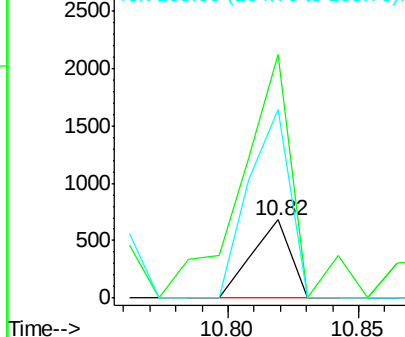


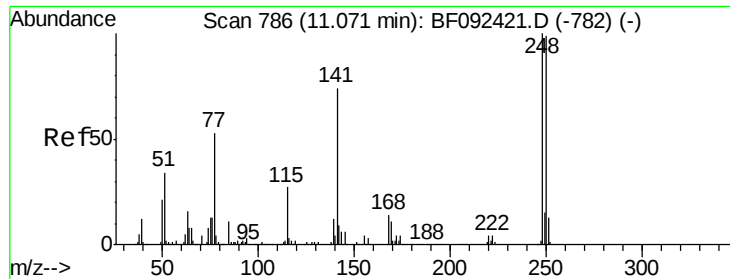
#64
4,6-Dinitro-2-methylphenol
Concen: 5.17 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092452.D
Acq: 25 Jan 2017 1:58

Tgt Ion:198 Resp: 709
Ion Ratio Lower Upper
198 100
51 311.9 6.7 46.7#
105 241.6 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: 4.34 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092452.D

Acq: 25 Jan 2017 1:58

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITE

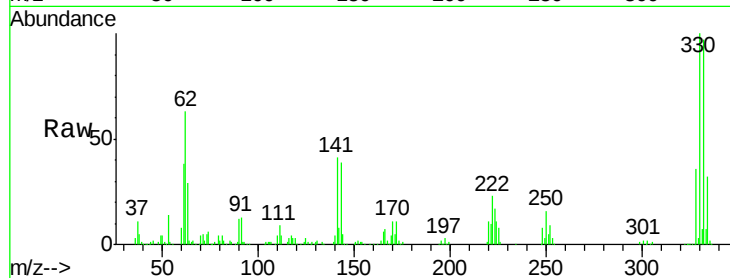
Tgt Ion:248 Resp: 23584

Ion Ratio Lower Upper

248 100

250 201.5 76.9 115.3#

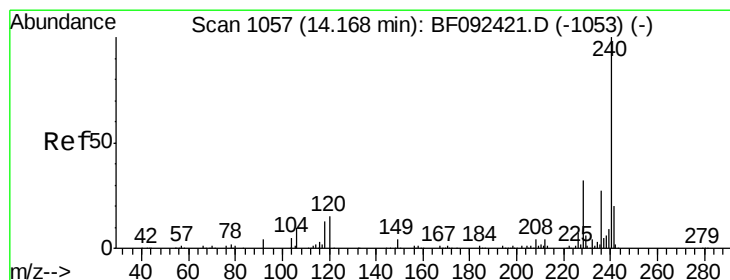
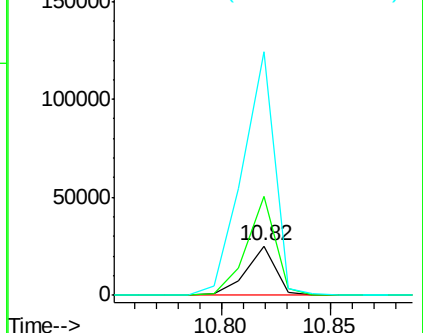
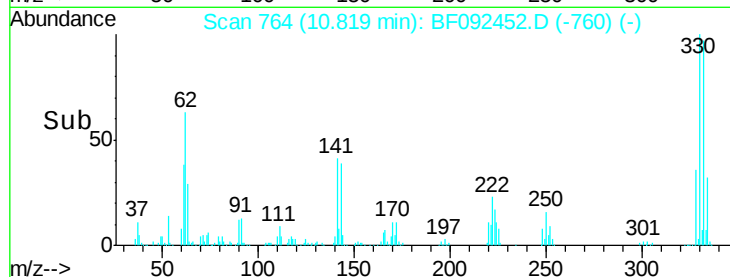
141 496.4 68.2 102.4#



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: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092452.D

Acq: 25 Jan 2017 1:58

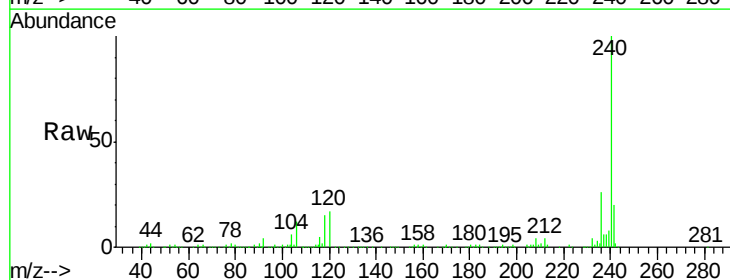
Tgt Ion:240 Resp: 341804

Ion Ratio Lower Upper

240 100

120 17.1 12.9 19.3

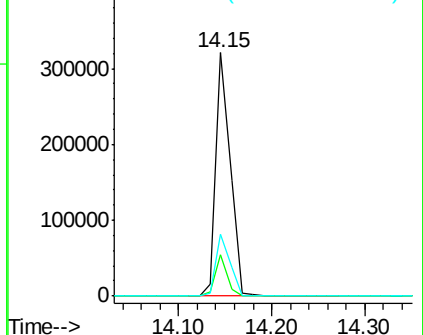
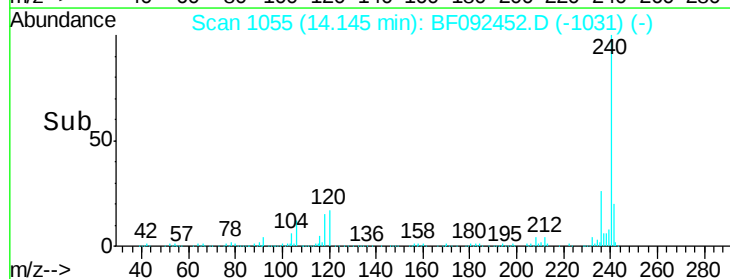
236 25.6 20.9 31.3

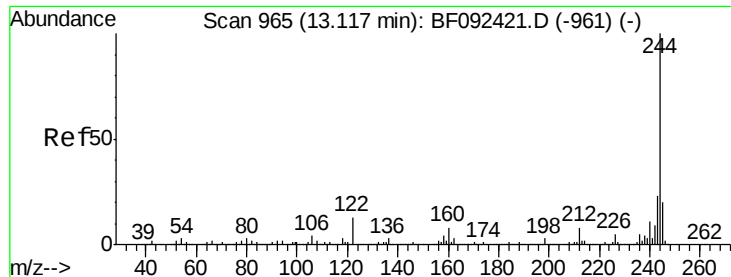


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

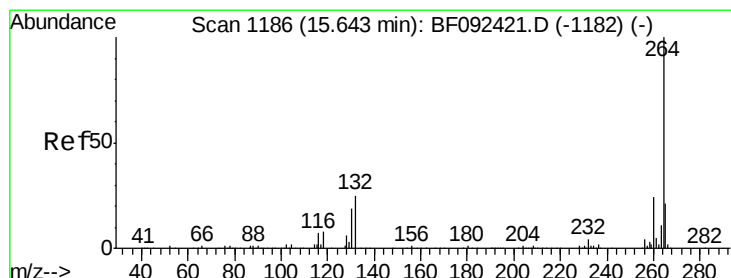
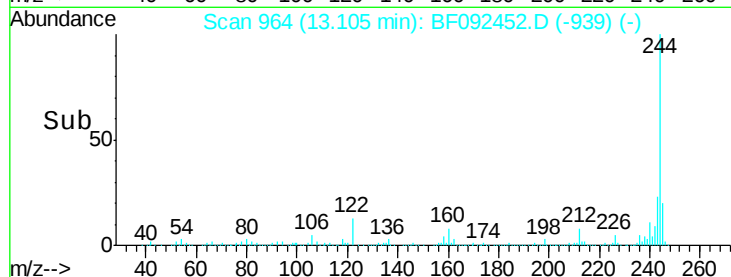
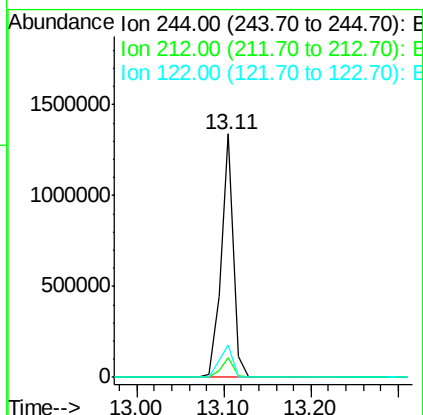
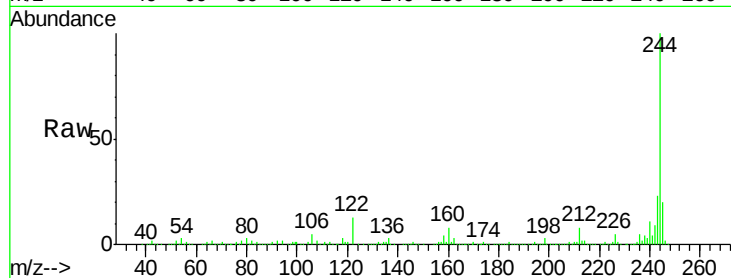




#78
 Terphenyl-d14
 Concen: 103.28 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092452.D
 Acq: 25 Jan 2017 1:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITE

Tgt Ion:244 Resp: 1325677
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092452.D
 Acq: 25 Jan 2017 1:58

Tgt Ion:264 Resp: 315198
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.4 26.0

