

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092552.D
 Acq On : 27 Jan 2017 3:48
 Operator : SJ/MA
 Sample : I1452-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Quant Time: Jan 27 04:53:37 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

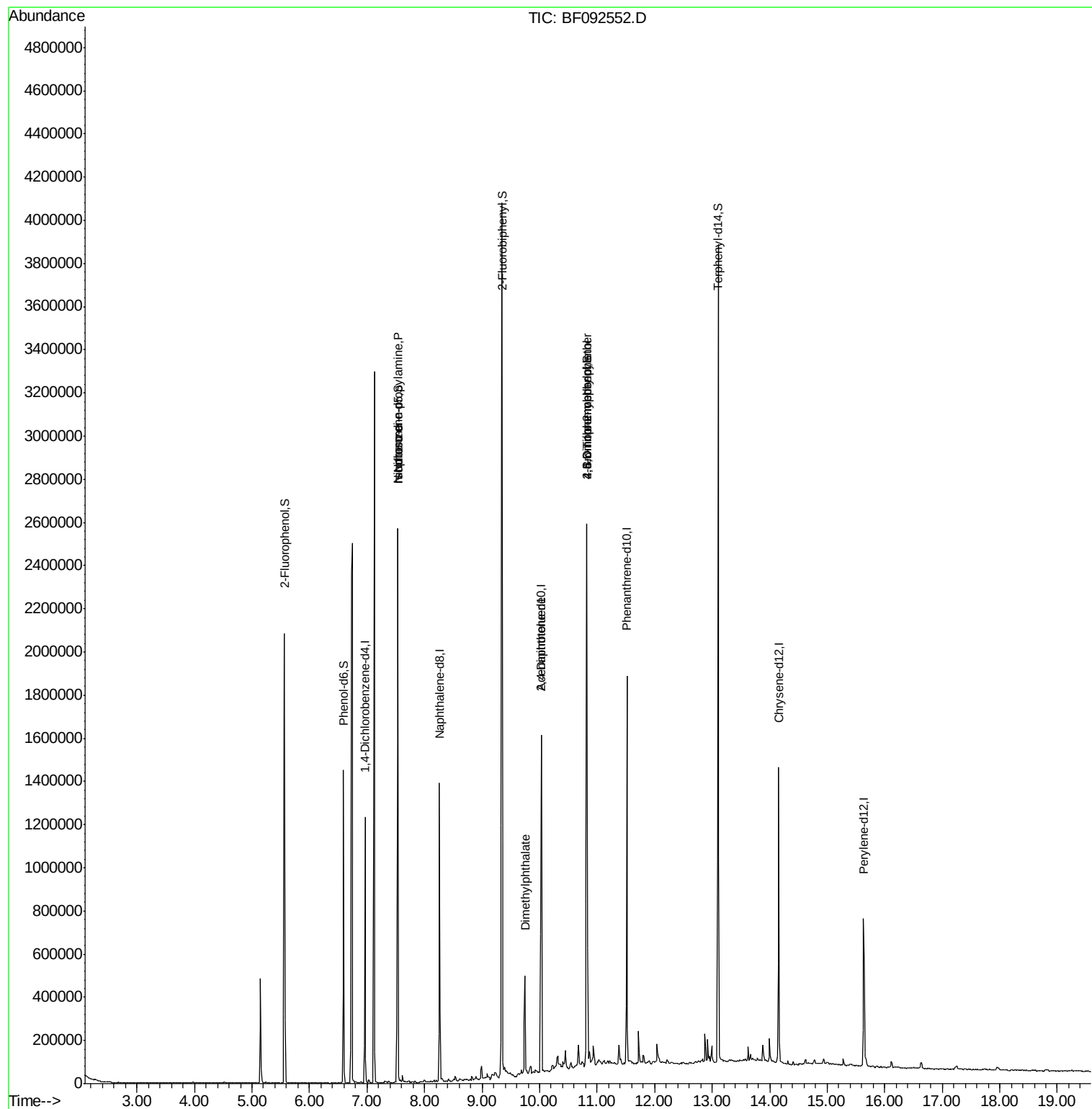
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168418	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	638430	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	380548	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	608749	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	491744	20.00	ng	-0.01
86) Perylene-d12	15.63	264	353726	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	504322	46.59	ng	0.01
7) Phenol-d6	6.59	99	462233	33.52	ng	0.00
23) Nitrobenzene-d5	7.54	82	1035056	88.56	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	306623	118.24	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1509127	73.33	ng	-0.01
78) Terphenyl-d14	13.11	244	1286517	69.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	137648	14.66	ng	# 79
25) Isophorone	7.54	82	974470	42.31	ng	# 65
49) Dimethylphthalate	9.74	163	235067	9.71	ng	99
56) 2,4-Dinitrotoluene	10.03	165	50689	7.72	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	645	5.13	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	21258	3.46	ng	# 1

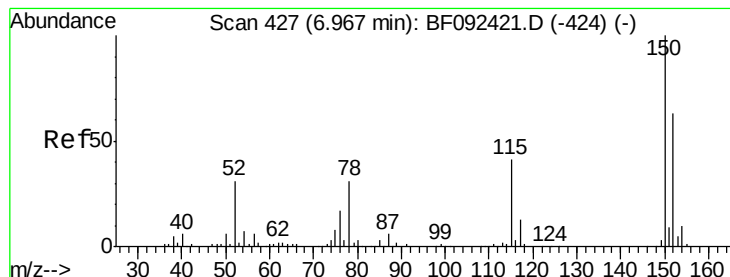
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092552.D

Acq: 27 Jan 2017 3:48

Instrument :

BNA_F

ClientSampled :

W-23

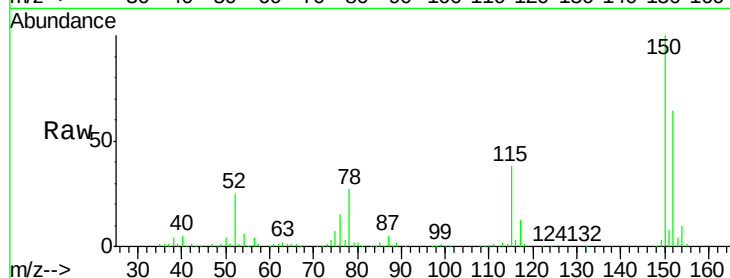
Tgt Ion:152 Resp: 168418

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

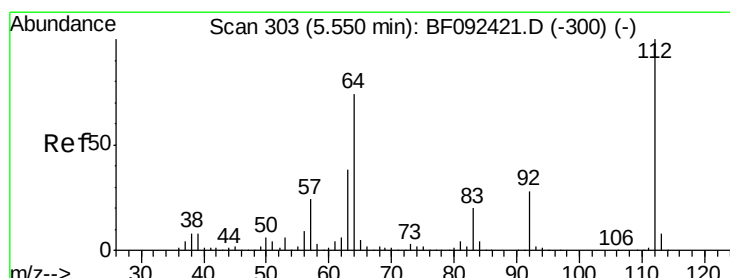
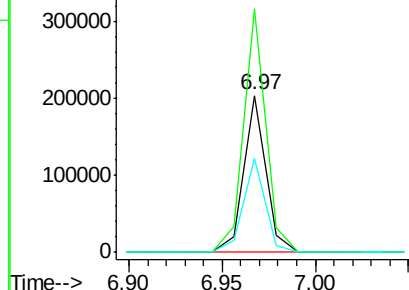
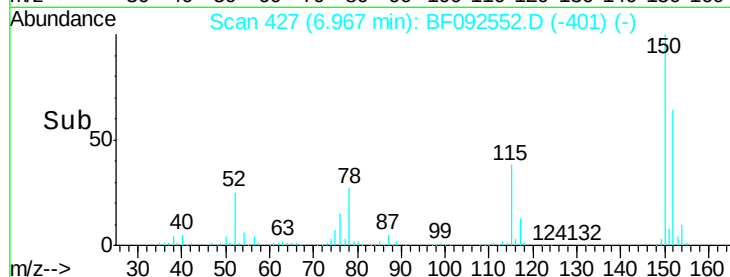
115 59.8 46.0 69.0



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: 46.59 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

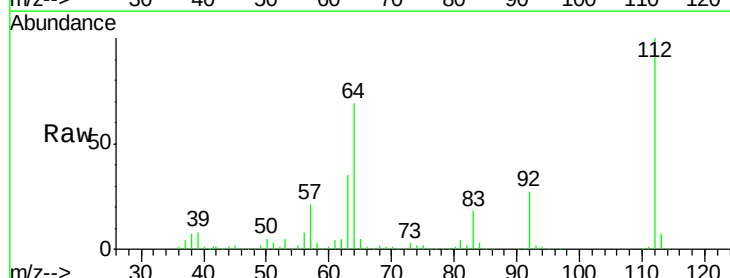
Tgt Ion:112 Resp: 504322

Ion Ratio Lower Upper

112 100

64 68.9 46.1 69.1

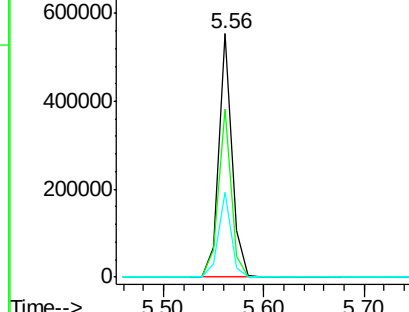
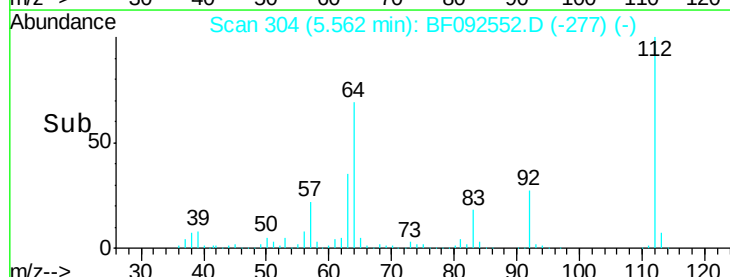
63 35.1 23.8 35.6

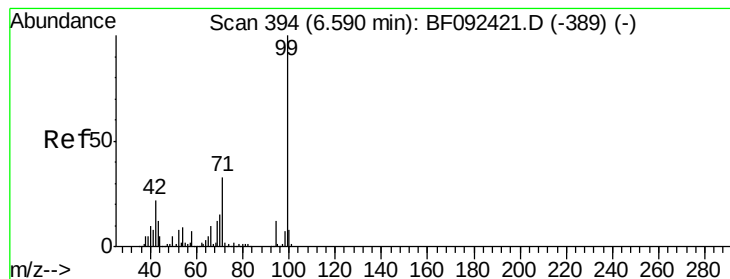


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.52 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

Instrument :

BNA_F

ClientSampleId :

W-23

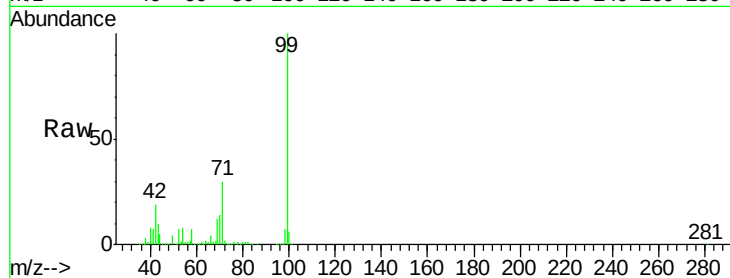
Tgt Ion: 99 Resp: 462233

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

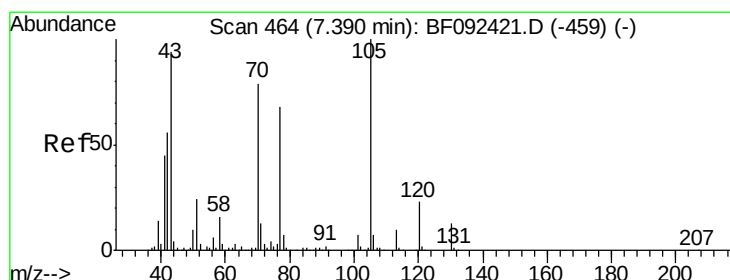
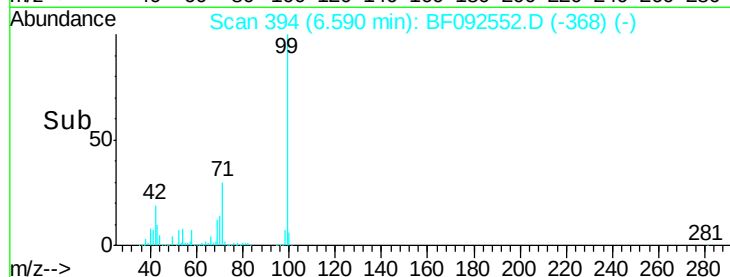
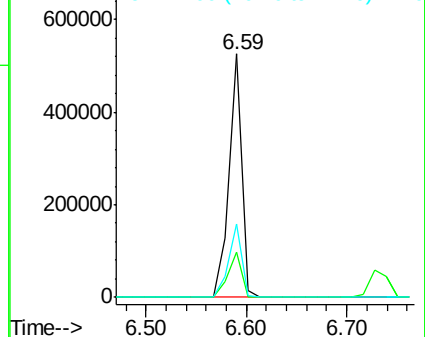
71 30.4 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.66 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

Tgt Ion: 70 Resp: 137648

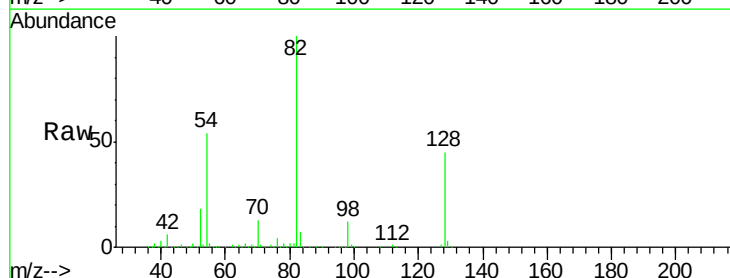
Ion Ratio Lower Upper

70 100

42 49.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

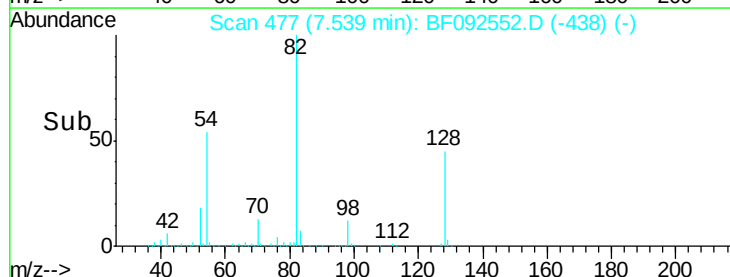
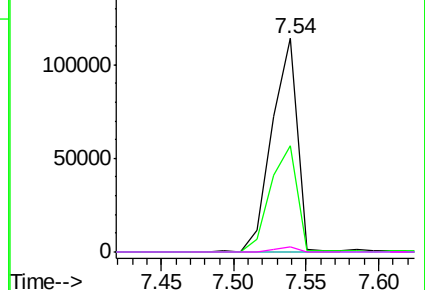


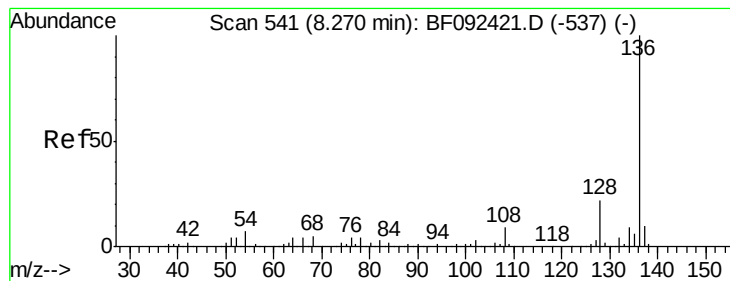
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

Instrument :

BNA_F

ClientSampled :

W-23

Tgt Ion: 136 Resp: 638430

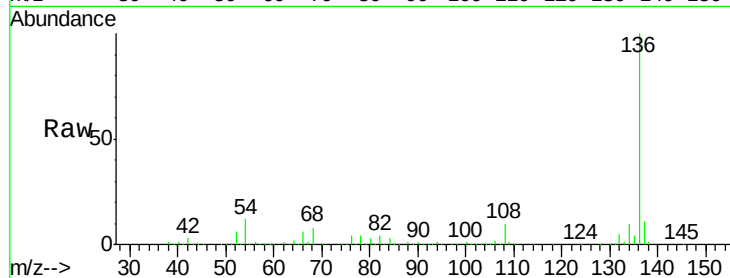
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.8 4.5 6.7#

68 8.2 3.6 5.4#

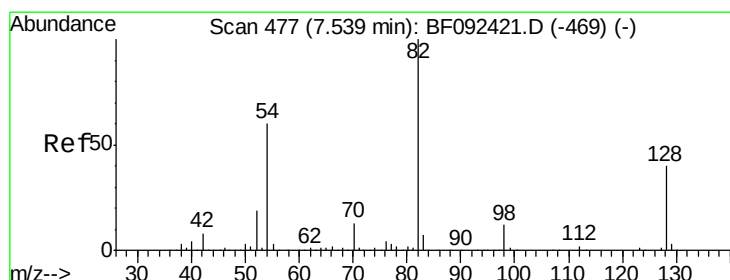
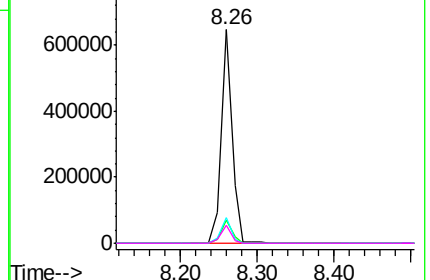
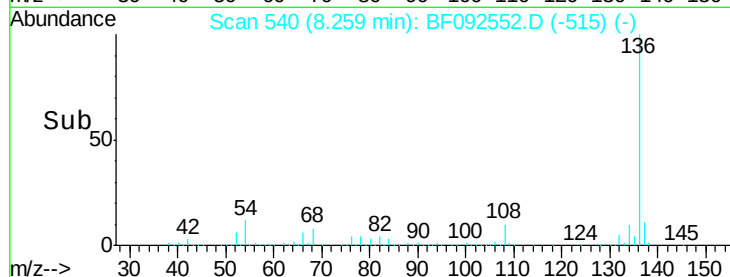


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.56 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

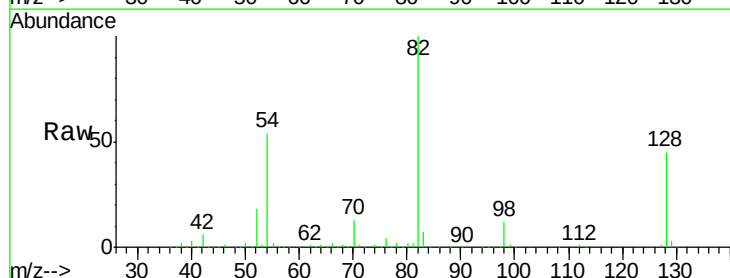
Tgt Ion: 82 Resp: 1035056

Ion Ratio Lower Upper

82 100

128 45.2 34.6 52.0

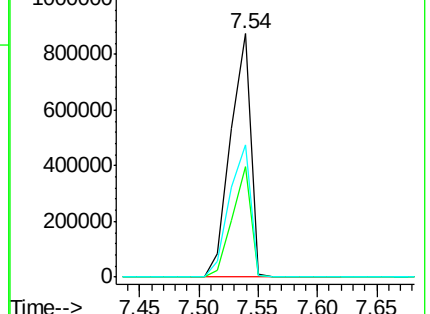
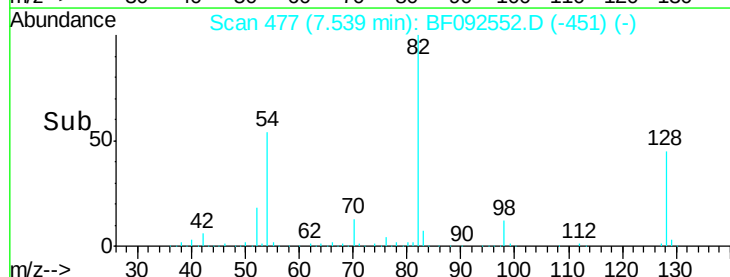
54 54.5 39.5 59.3

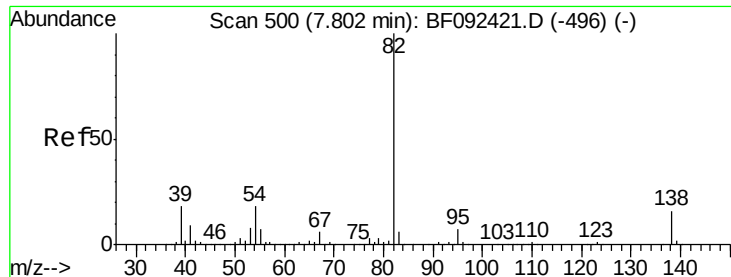


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.31 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

Instrument :

BNA_F

ClientSampleId :

W-23

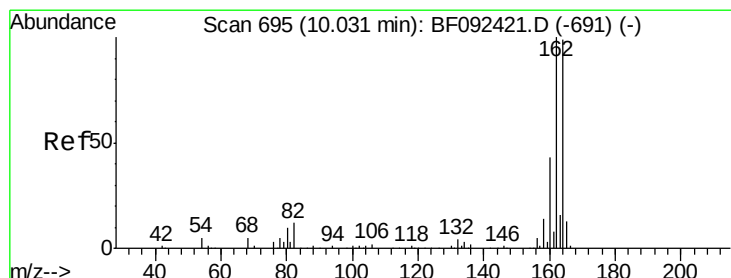
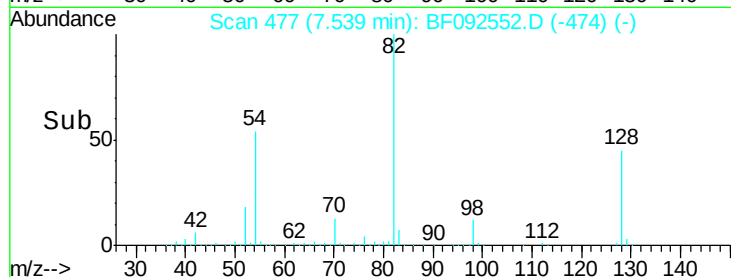
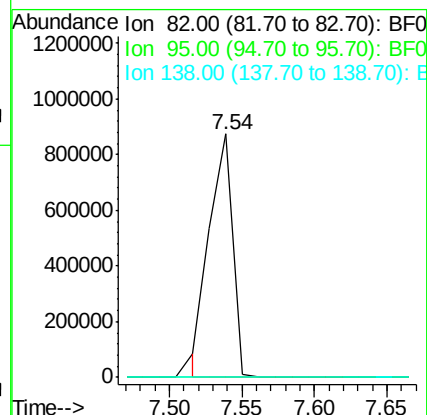
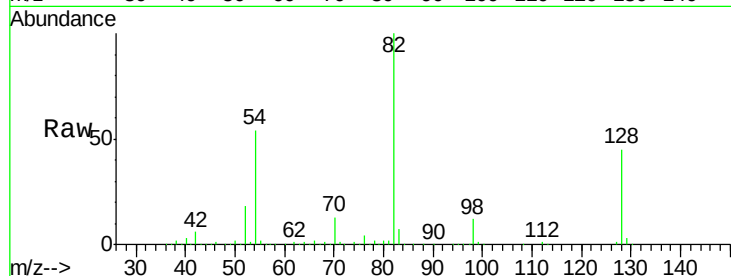
Tgt Ion: 82 Resp: 974470

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: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

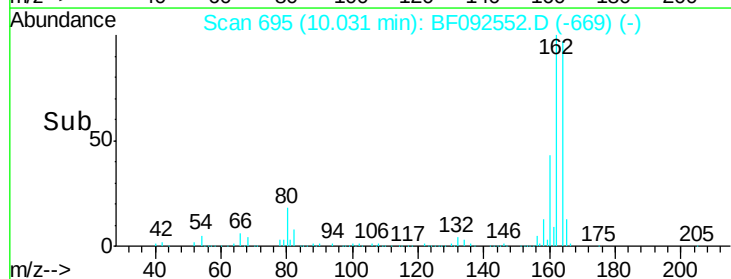
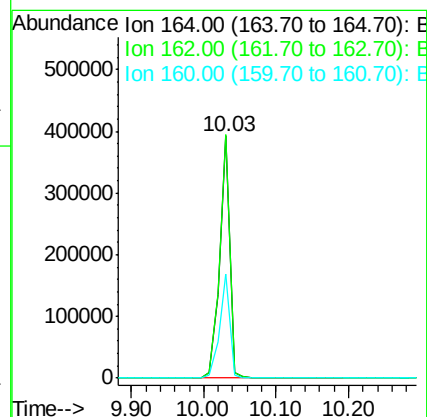
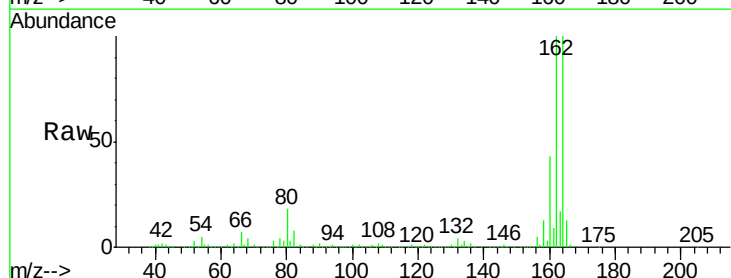
Tgt Ion: 164 Resp: 380548

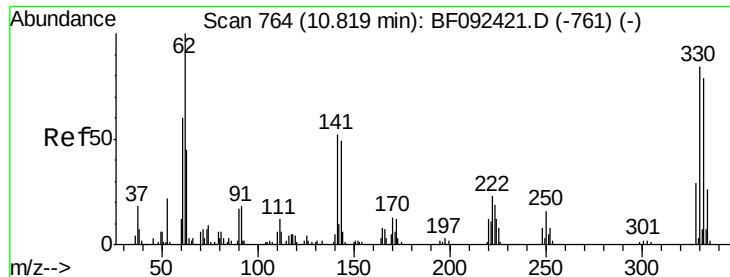
Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

160 42.8 36.9 55.3

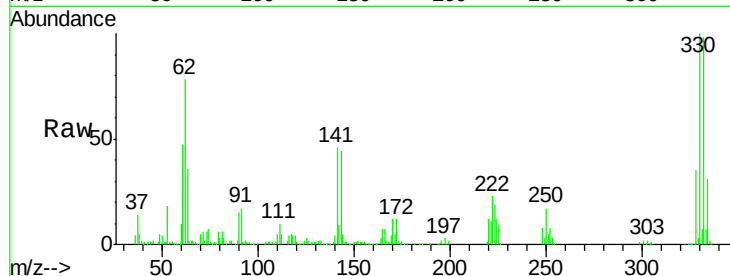




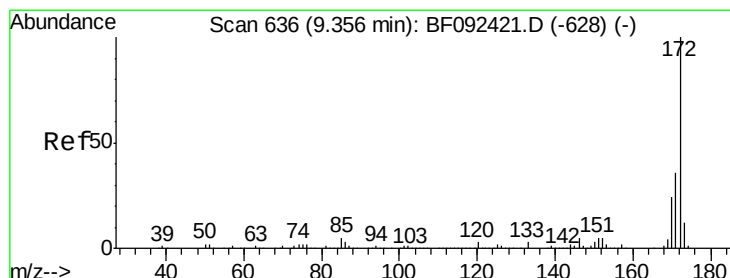
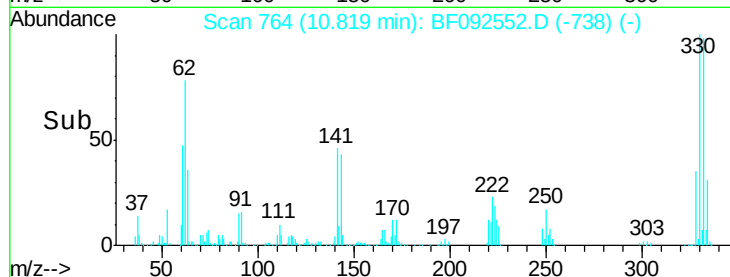
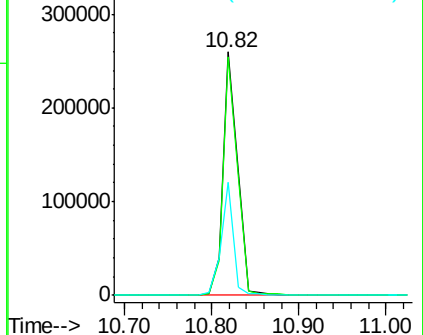
#41
 2,4,6-Tribromophenol
 Concen: 118.24 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092552.D
 Acq: 27 Jan 2017 3:48

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tgt Ion:330 Resp: 306623
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 40.2 34.1 51.1

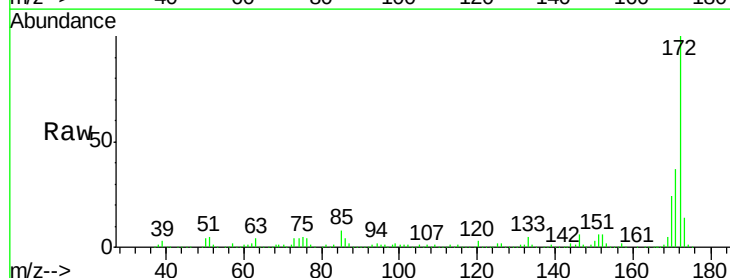


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

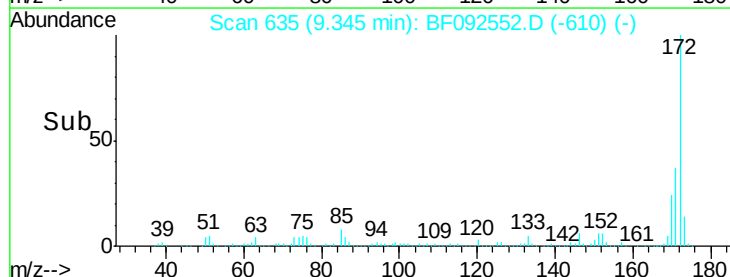
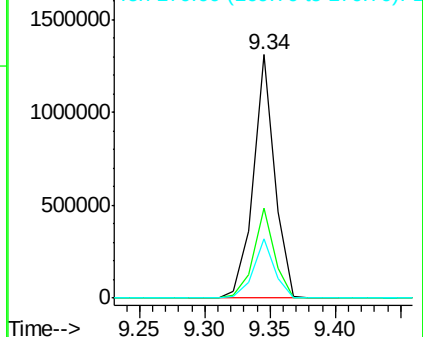


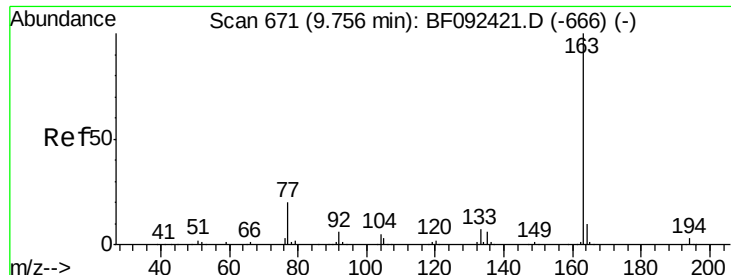
#44
 2-Fluorobiphenyl
 Concen: 73.33 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092552.D
 Acq: 27 Jan 2017 3:48

Tgt Ion:172 Resp: 1509127
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.4 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

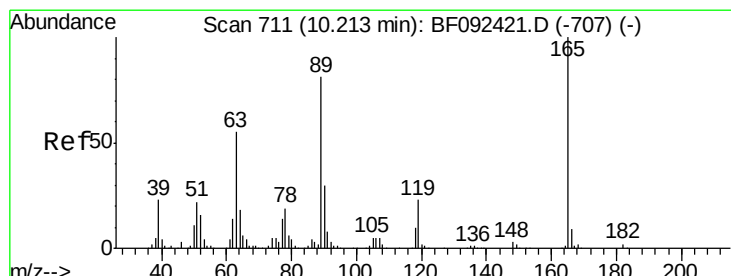
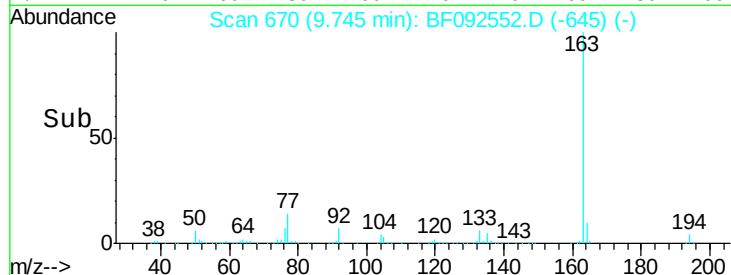
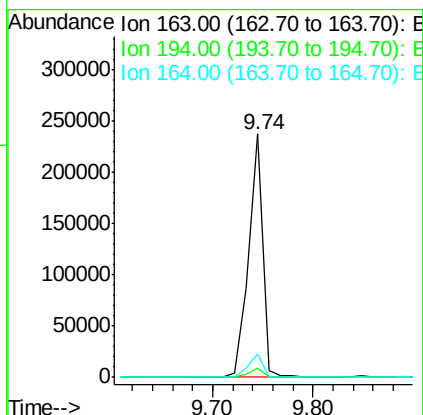
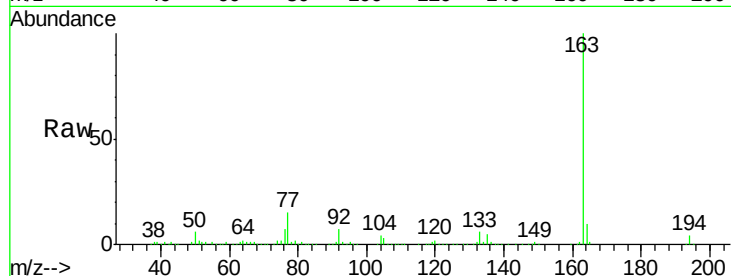




#49
Dimethylphthalate
Concen: 9.71 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092552.D
Acq: 27 Jan 2017 3:48

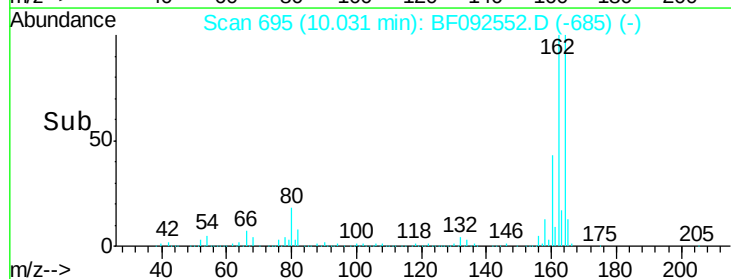
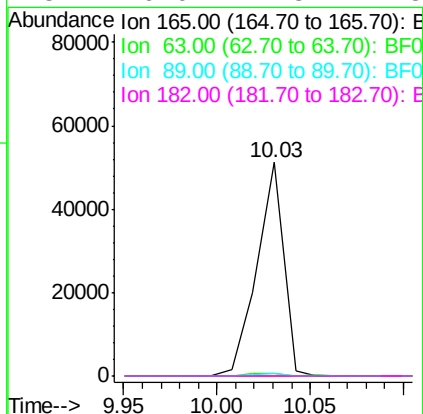
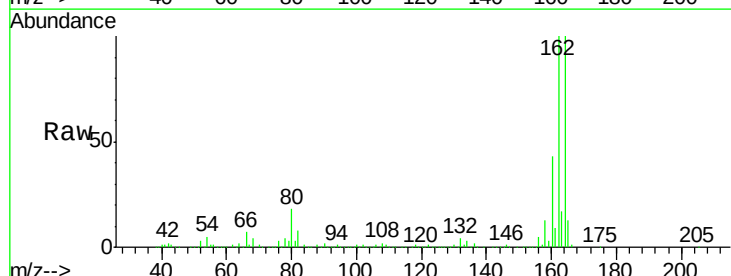
Instrument :
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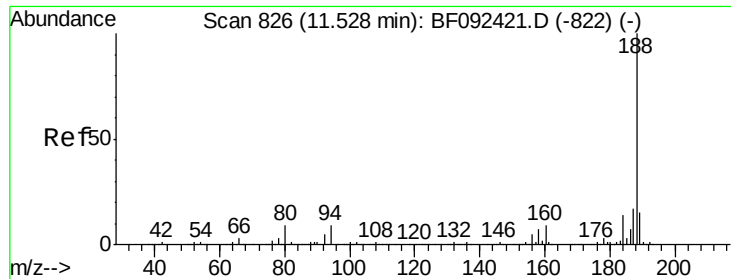
Tgt Ion:163 Resp: 235067
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.8 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.72 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092552.D
Acq: 27 Jan 2017 3:48

Tgt Ion:165 Resp: 50689
Ion Ratio Lower Upper
165 100
63 1.3 40.2 60.4#
89 1.4 62.5 93.7#
182 0.0 1.8 2.8#

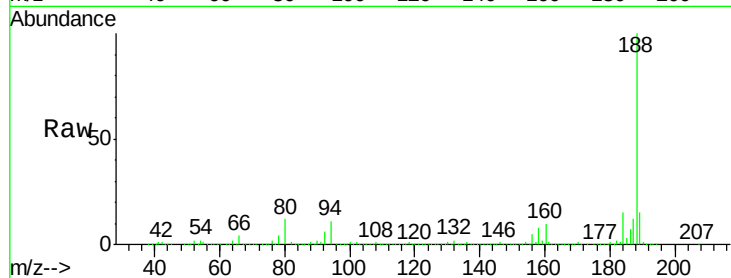




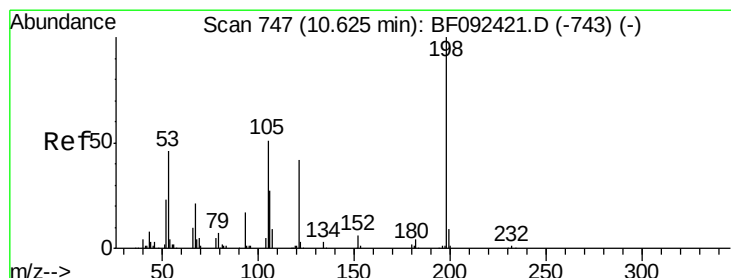
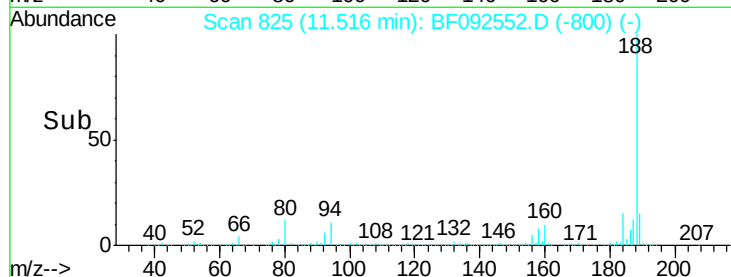
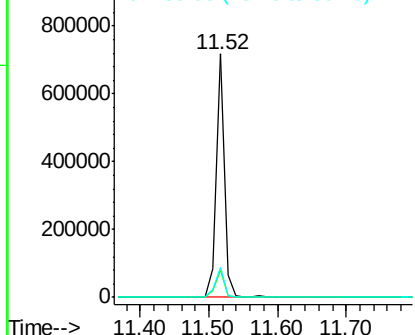
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092552.D
Acq: 27 Jan 2017 3:48

Instrument :
BNA_F
ClientSampleId :
W-23

Tgt Ion:188 Resp: 608749
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 12.1 11.2 16.8

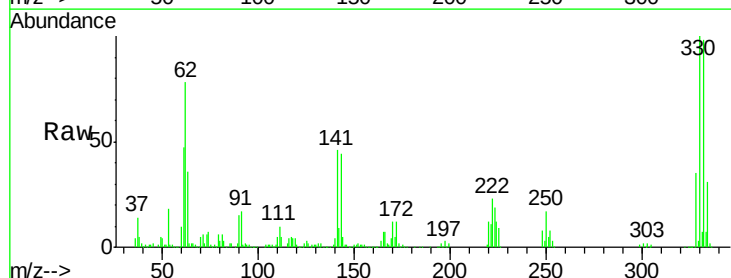


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

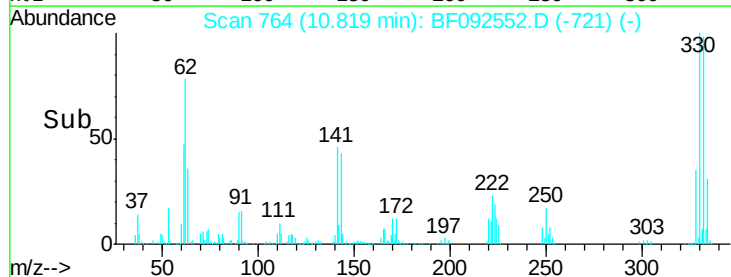
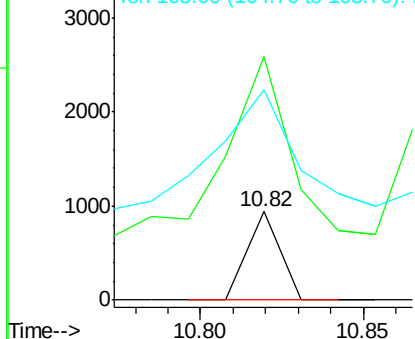


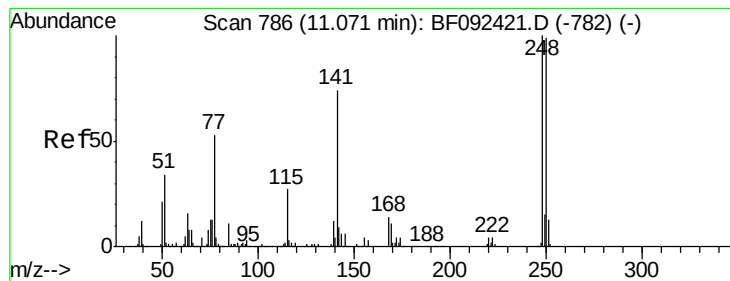
#64
4,6-Dinitro-2-methylphenol
Concen: 5.13 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092552.D
Acq: 27 Jan 2017 3:48

Tgt Ion:198 Resp: 645
Ion Ratio Lower Upper
198 100
51 275.0 6.7 46.7#
105 237.7 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: 3.46 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

Instrument :

BNA_F

ClientSampleId :

W-23

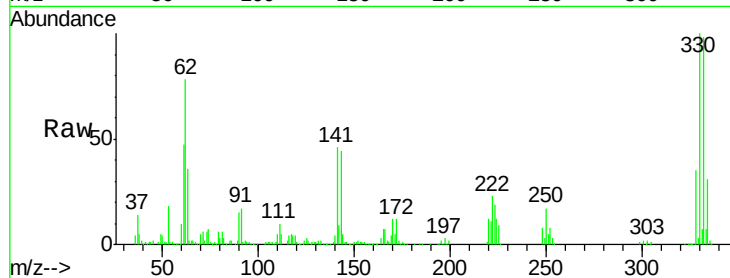
Tgt Ion:248 Resp: 21258

Ion Ratio Lower Upper

248 100

250 198.6 76.9 115.3#

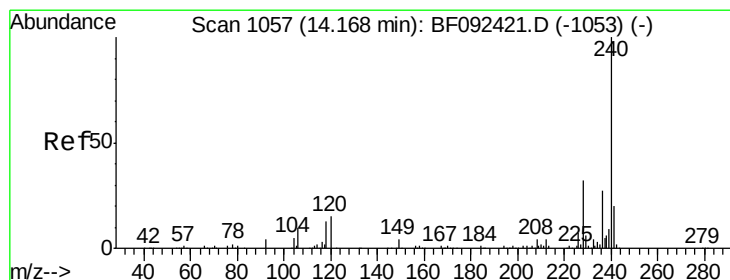
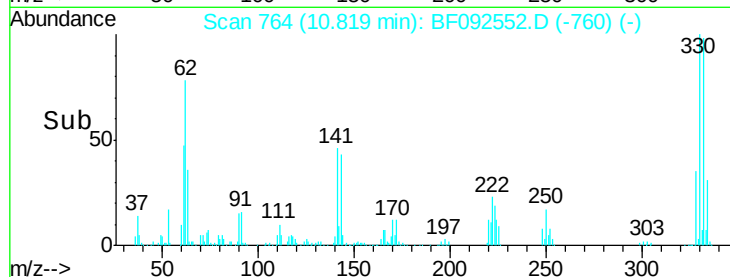
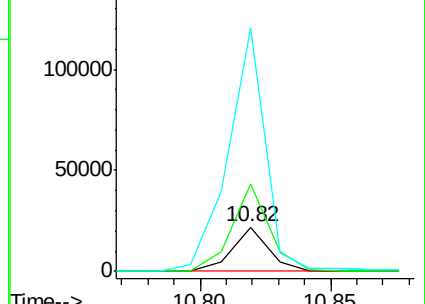
141 554.1 68.2 102.4#



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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

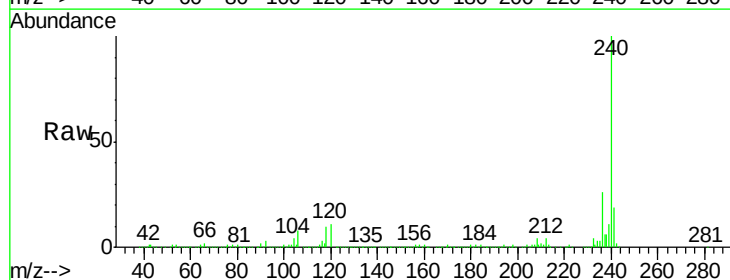
Tgt Ion:240 Resp: 491744

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

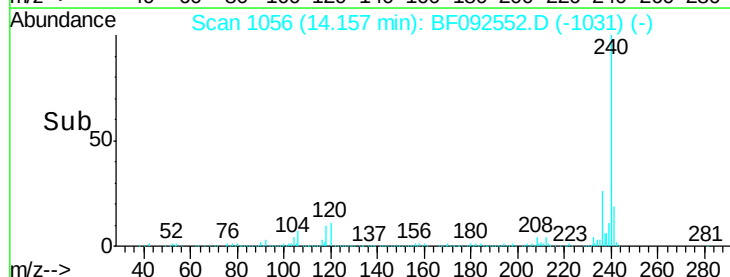
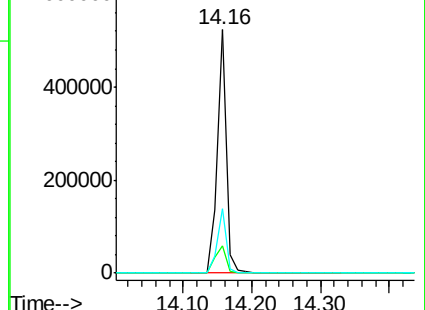
236 26.3 20.9 31.3

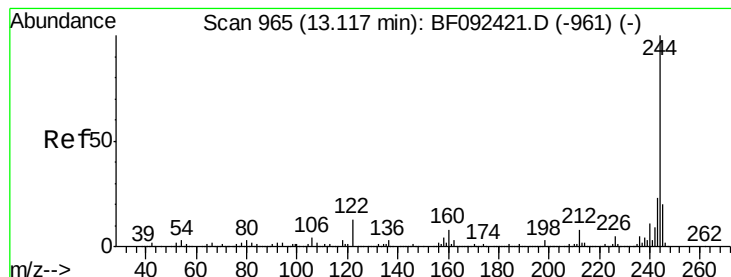


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.67 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

Instrument :

BNA_F

ClientSampleId :

W-23

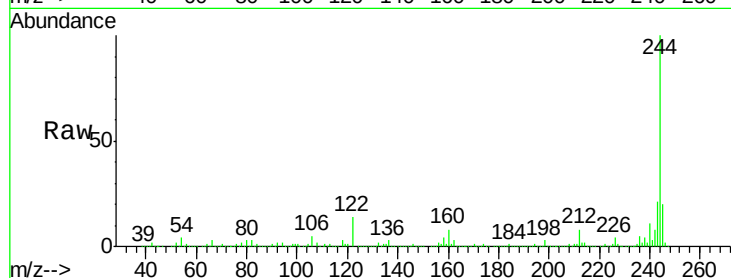
Tgt Ion:244 Resp: 1286517

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

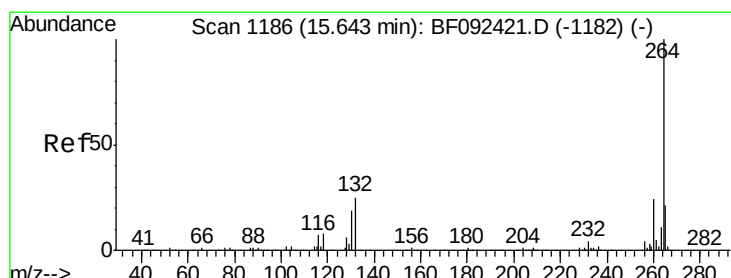
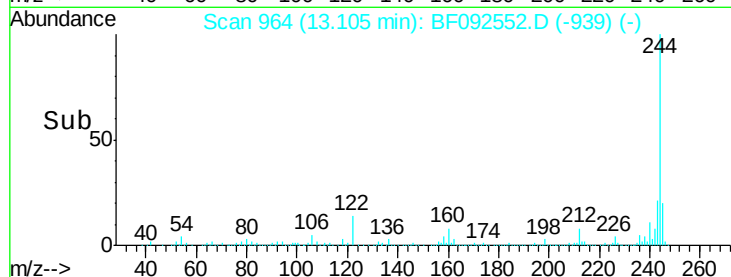
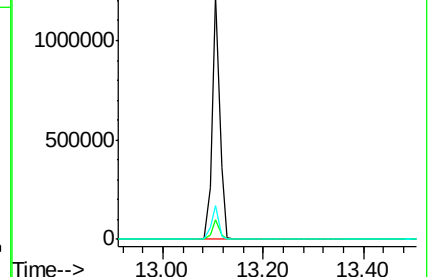
122 13.9 11.4 17.2



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: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092552.D

Acq: 27 Jan 2017 3:48

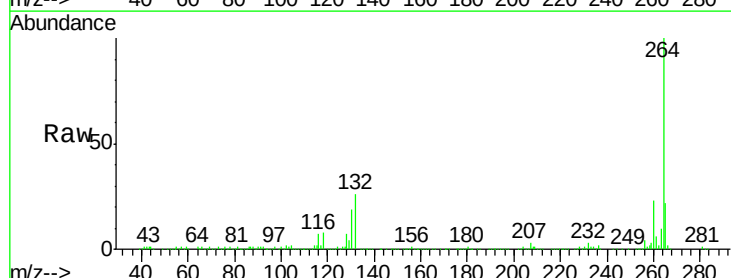
Tgt Ion:264 Resp: 353726

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.0 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

