

Data Path : Z:\HPCHEM1\BNA F\Data\BF020217\
 Data File : BF092769.D
 Acq On : 3 Feb 2017 10:15
 Operator : SJ/MA
 Sample : I1647-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 11:06:10 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

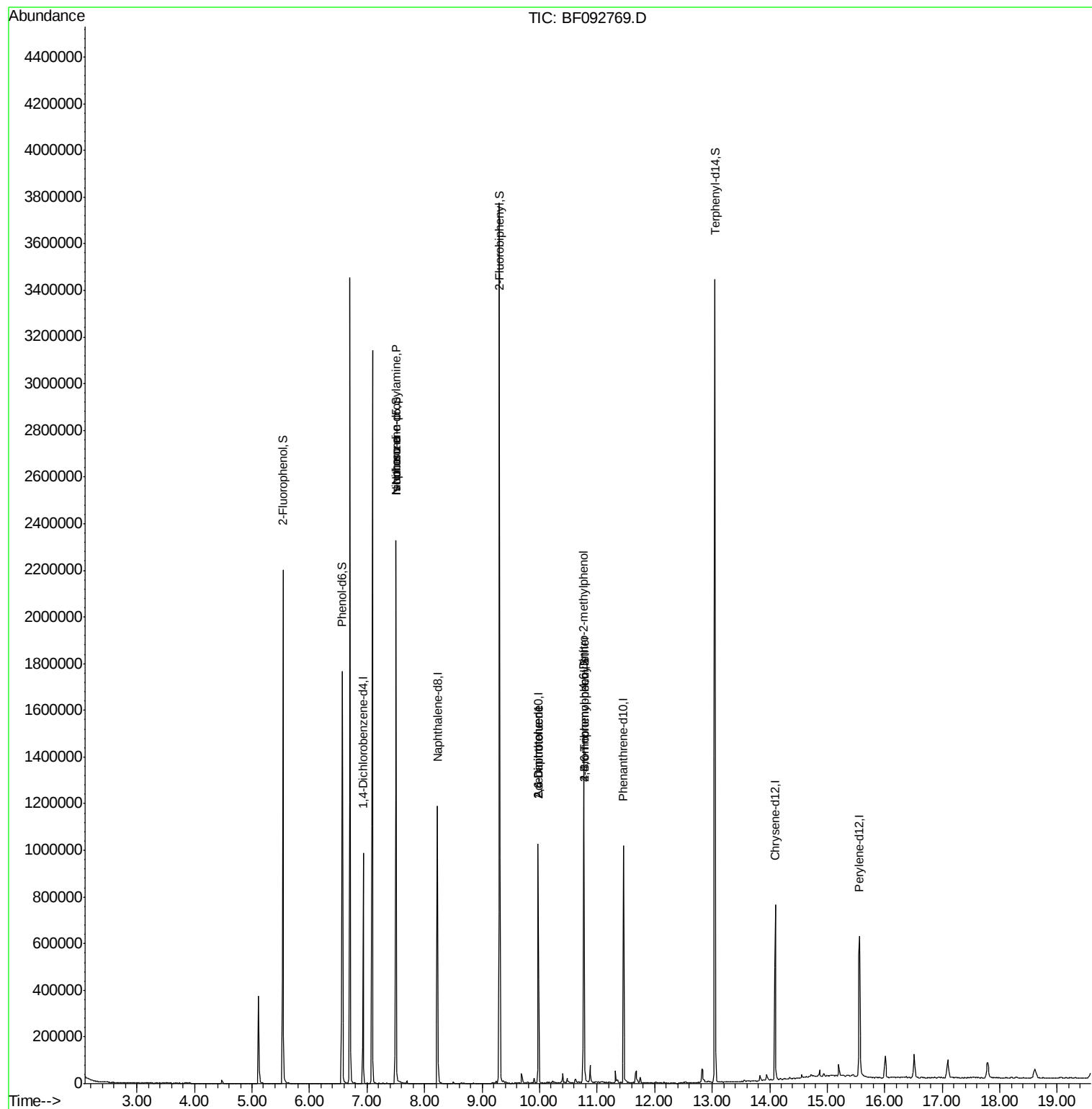
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	139651	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	535828	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	258264	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	370536	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	329611	20.00	ng	-0.05
86) Perylene-d12	15.56	264	319116	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	564334	69.33	ng	-0.03
7) Phenol-d6	6.57	99	538528	51.42	ng	-0.03
23) Nitrobenzene-d5	7.50	82	889012	92.39	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	251066	134.41	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1328314	93.18	ng	-0.03
78) Terphenyl-d14	13.05	244	1112845	79.33	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	115935	17.39	ng	# 78
25) Isophorone	7.50	82	862964	48.13	ng	# 65
50) 2,6-Dinitrotoluene	9.97	165	31777	8.46	ng	# 31
56) 2,4-Dinitrotoluene	9.97	165	31779	6.35	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.76	198	555	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	16845	4.35	ng	# 1

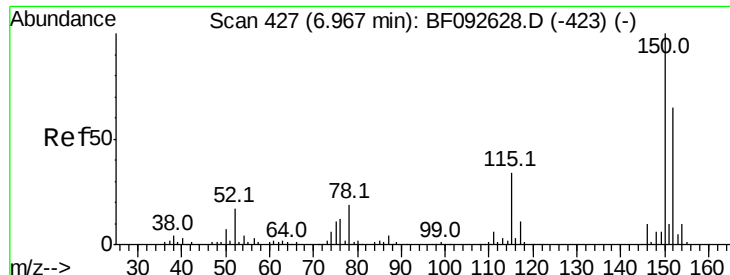
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092769.D

Acq: 3 Feb 2017 10:15

Instrument :

BNA_F

ClientSampleId :

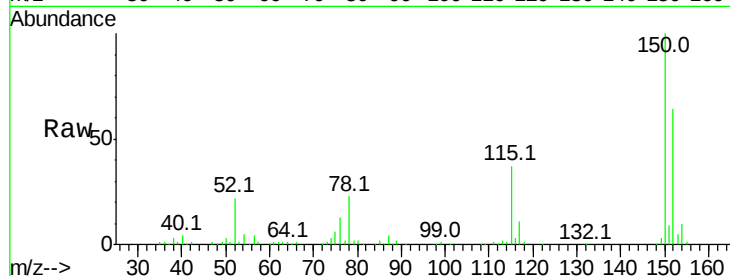
Tot Ion:152 Resp: 139651

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

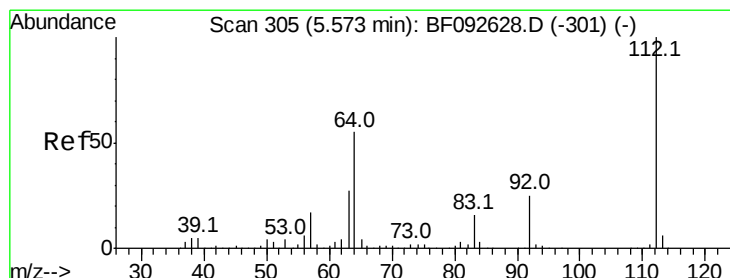
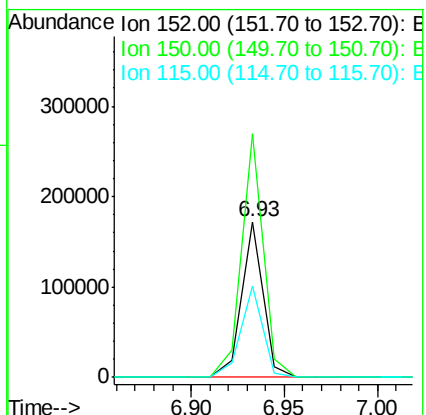
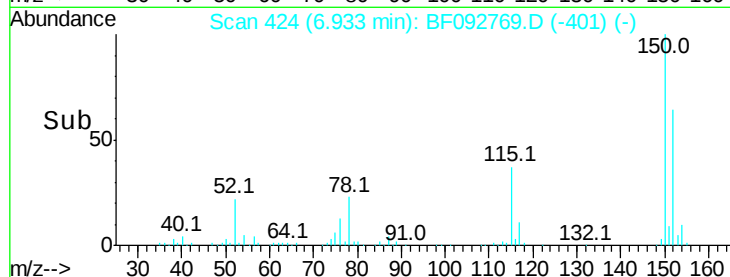
115 58.4 46.0 69.0



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: 69.33 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092769.D

Acq: 3 Feb 2017 10:15

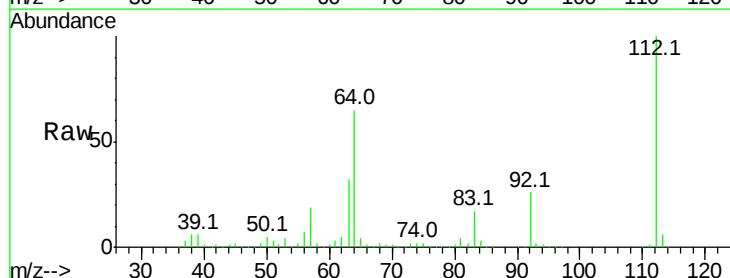
Tgt Ion:112 Resp: 564334

Ion Ratio Lower Upper

112 100

64 65.0 46.1 69.1

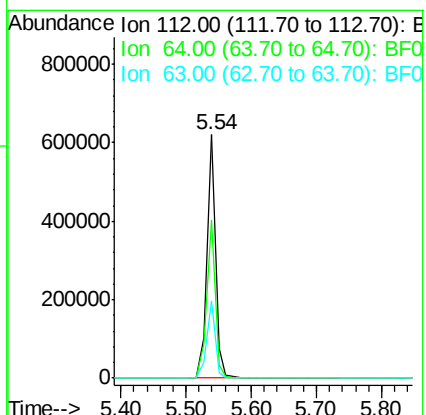
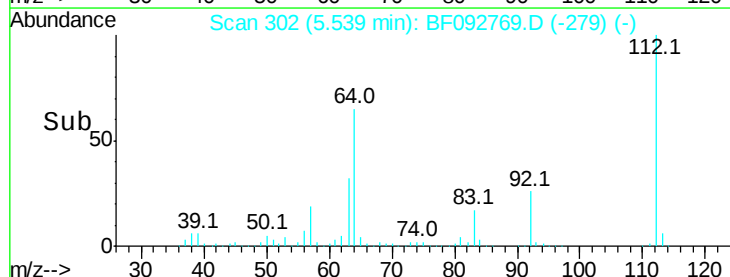
63 31.7 23.8 35.6

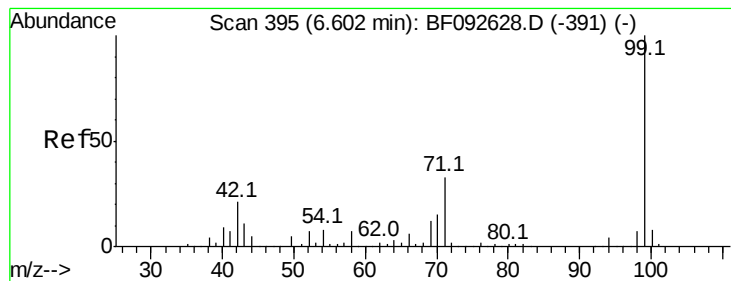


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.42 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092769.D

Acq: 3 Feb 2017 10:15

Instrument :

BNA_F

ClientSampleId :

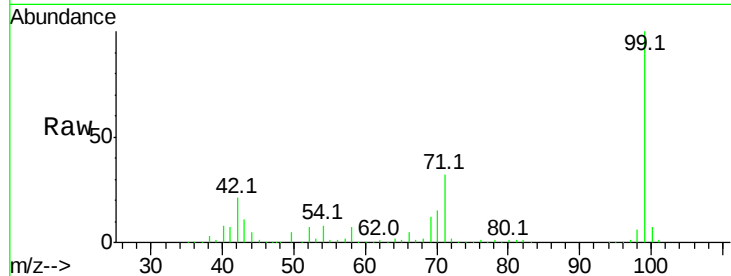
Tot Ion: 99 Resp: 538528

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

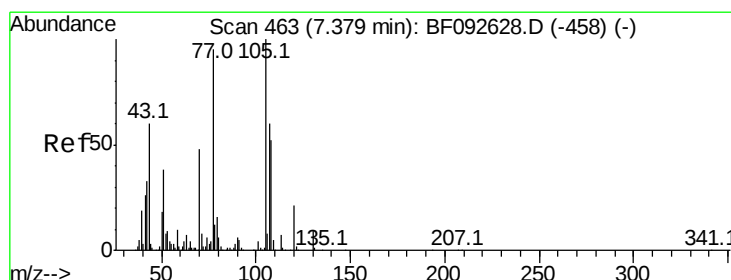
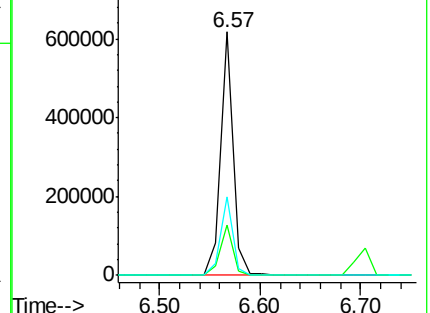
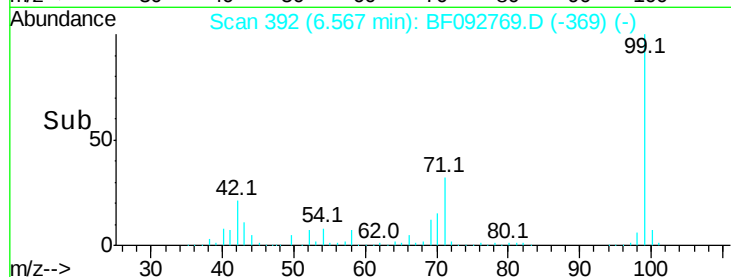
71 32.3 27.5 41.3



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: 17.39 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.13 min

Lab File: BF092769.D

Acq: 3 Feb 2017 10:15

Tgt Ion: 70 Resp: 115935

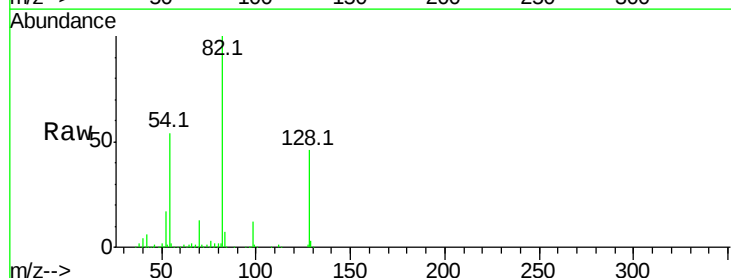
Ion Ratio Lower Upper

70 100

42 48.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

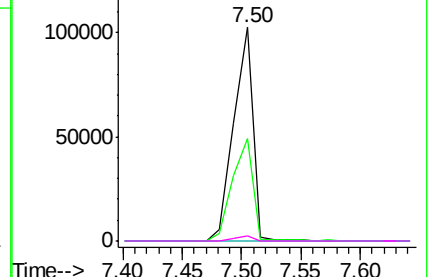
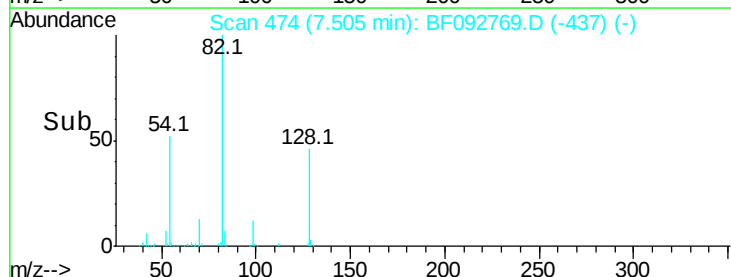


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

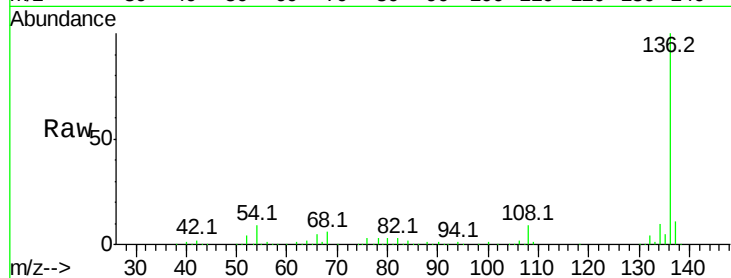




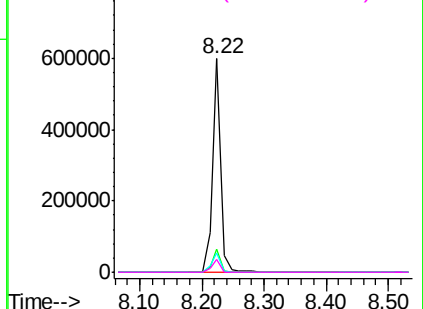
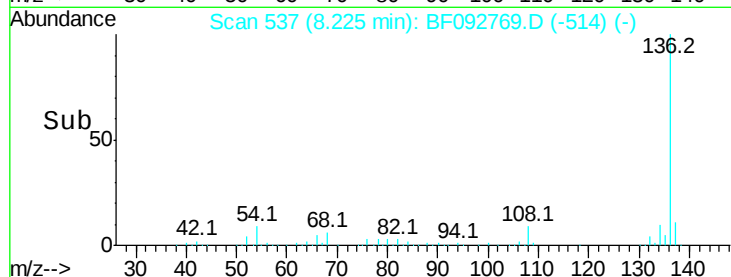
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092769.D
Acq: 3 Feb 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 535828
Ion Ratio	Lower Upper
136 100	
137 10.9	8.4 12.6
54 9.0	4.5 6.7#
68 6.0	3.6 5.4#

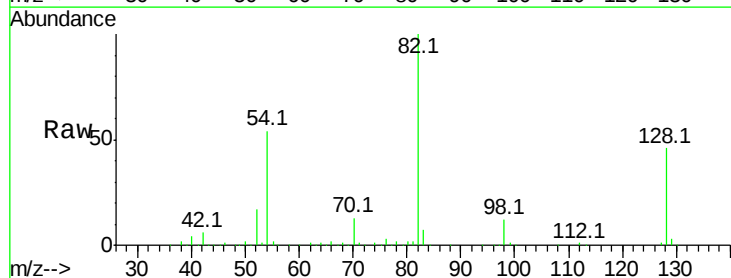


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

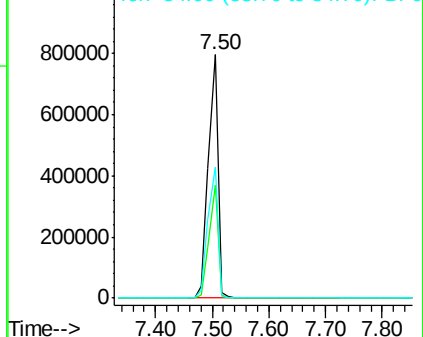
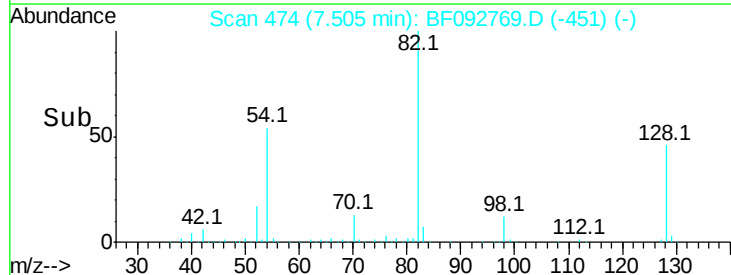


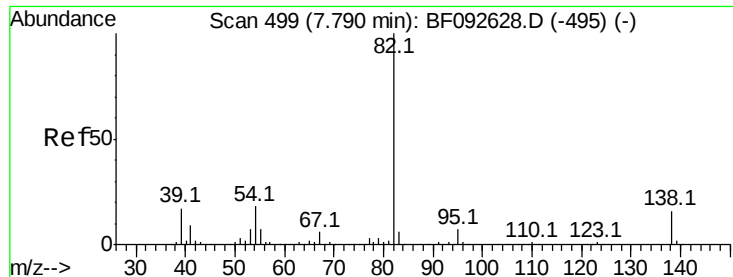
#23
Nitrobenzene-d5
Concen: 92.39 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092769.D
Acq: 3 Feb 2017 10:15

Tgt Ion: 82	Resp: 889012
Ion Ratio	Lower Upper
82 100	
128 46.2	34.6 52.0
54 54.0	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: 48.13 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF092769.D

Acq: 3 Feb 2017 10:15

Instrument :

BNA_F

ClientSampleId :

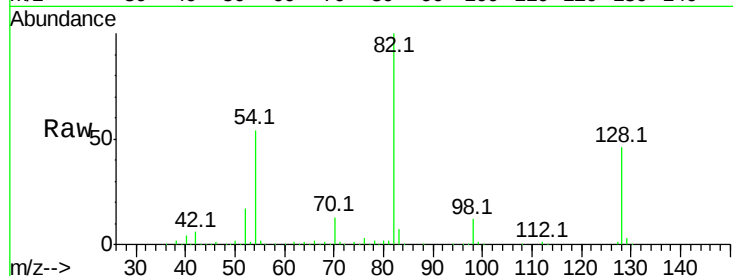
Tot Ion: 82 Resp: 862964

Ion Ratio Lower Upper

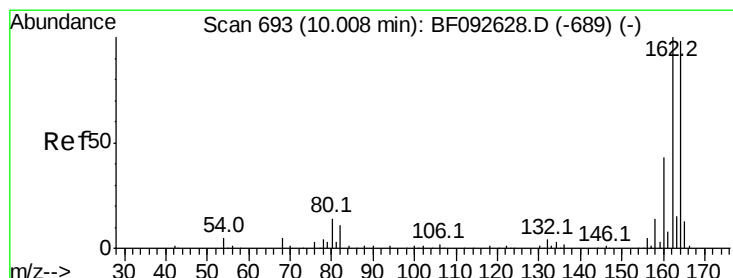
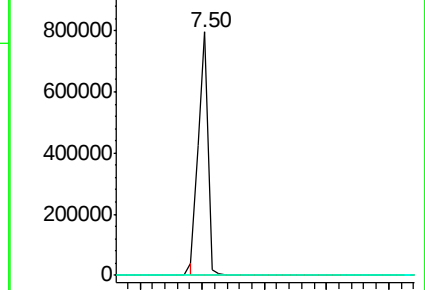
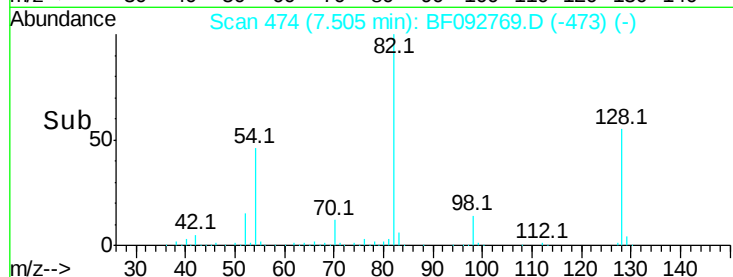
82 100

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: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF092769.D

Acq: 3 Feb 2017 10:15

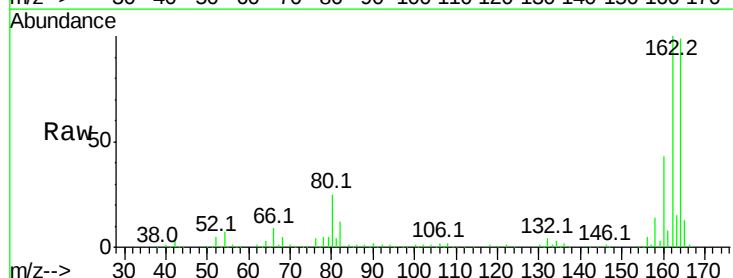
Tgt Ion:164 Resp: 258264

Ion Ratio Lower Upper

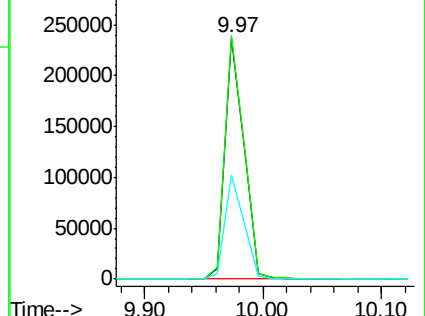
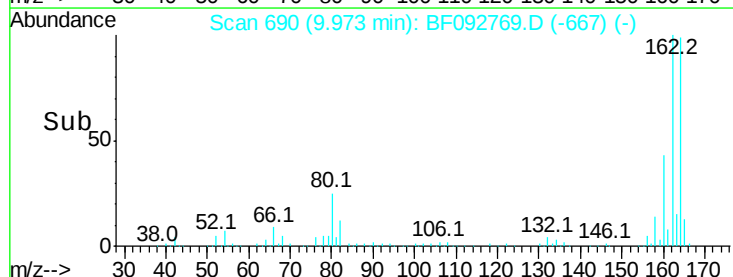
164 100

162 100.8 80.2 120.2

160 42.9 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

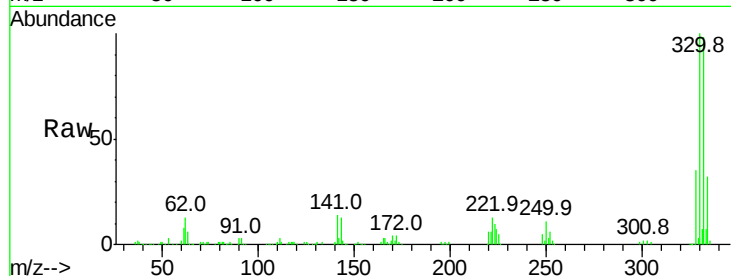




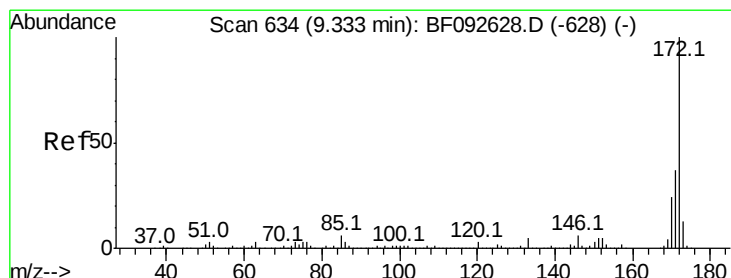
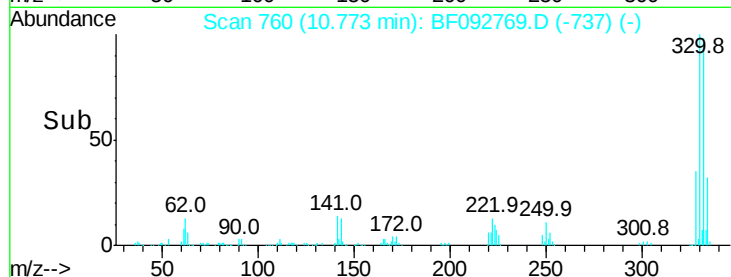
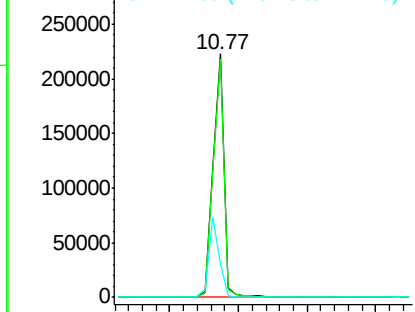
#41
 2,4,6-Tribromophenol
 Concen: 134.41 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092769.D
 Acq: 3 Feb 2017 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	31.8	34.1	51.1#

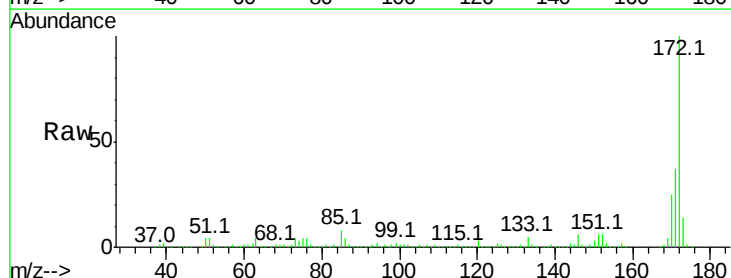


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

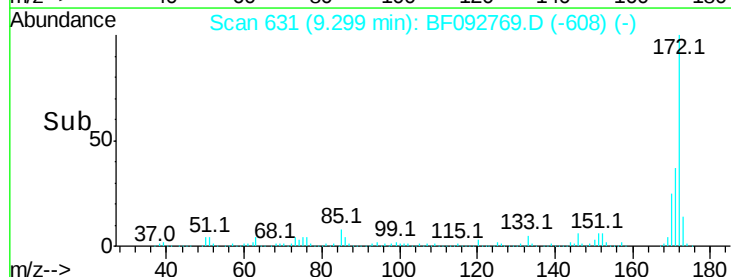
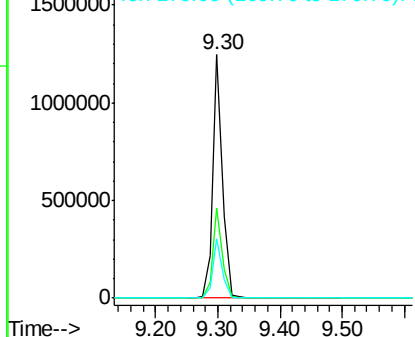


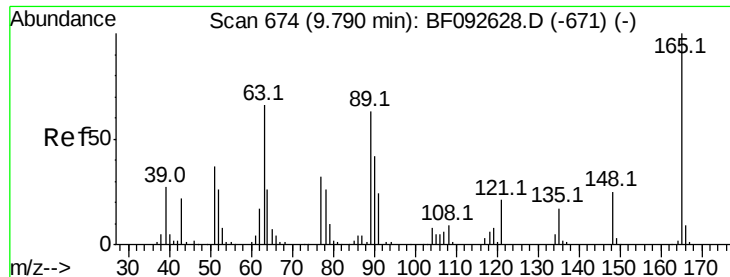
#44
 2-Fluorobiphenyl
 Concen: 93.18 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092769.D
 Acq: 3 Feb 2017 10:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.5	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

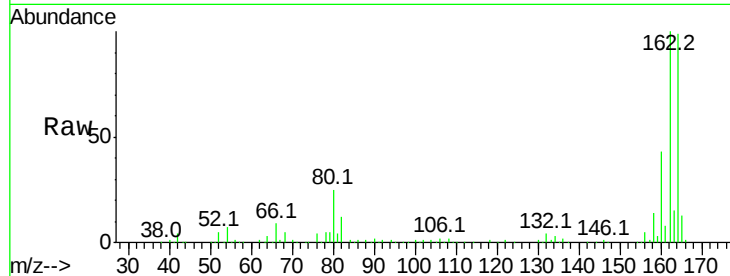




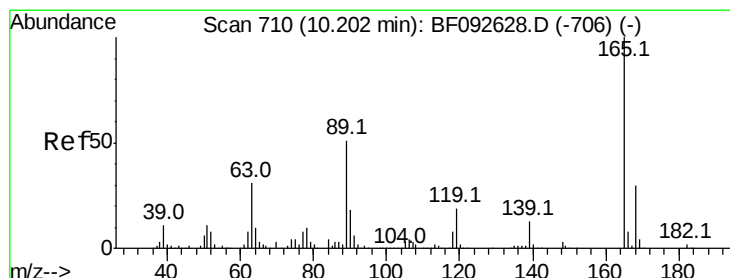
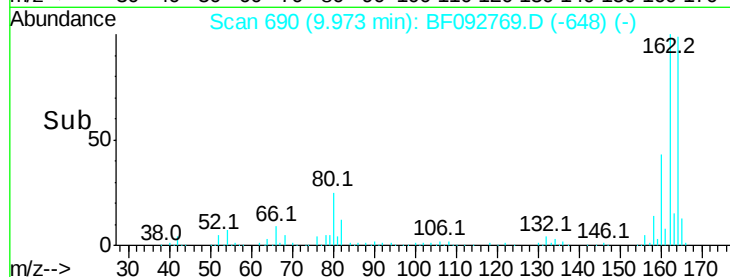
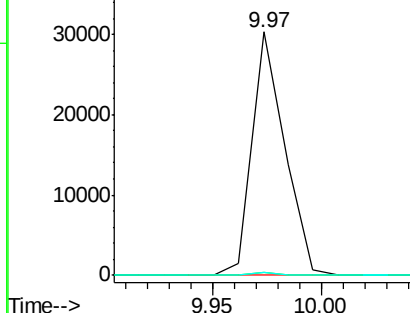
#50
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.18 min
 Lab File: BF092769.D
 Acq: 3 Feb 2017 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 31777
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.2 54.4#
 89 1.1 40.2 60.4#



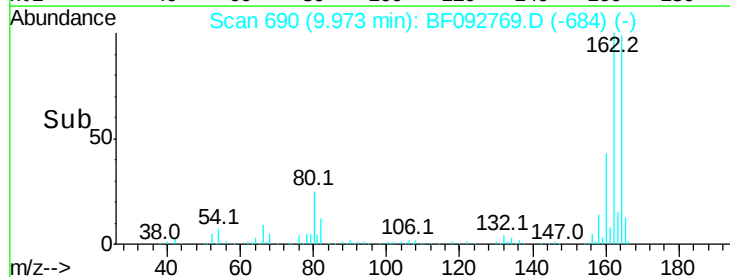
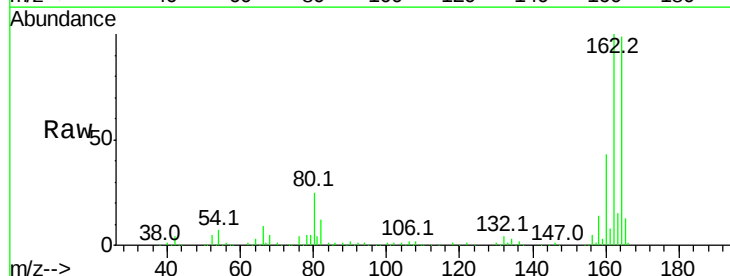
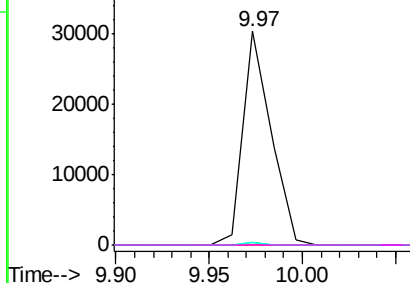
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

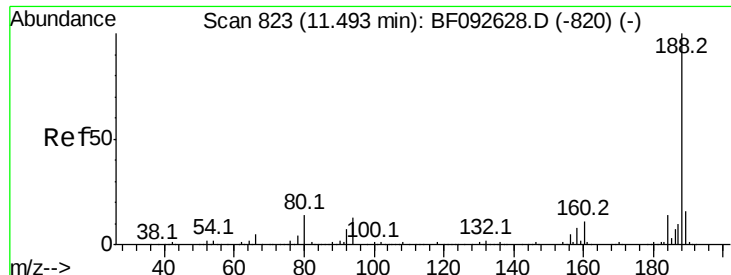


#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092769.D
 Acq: 3 Feb 2017 10:15

Tgt Ion:165 Resp: 31779
 Ion Ratio Lower Upper
 165 100
 63 1.2 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

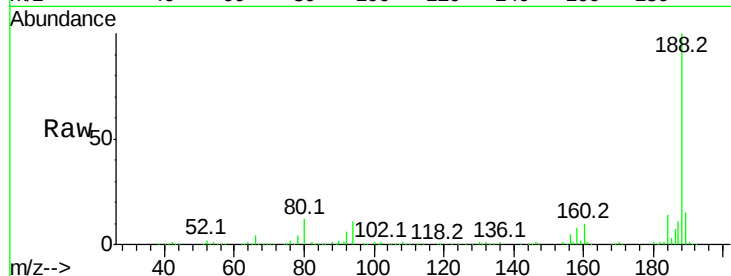




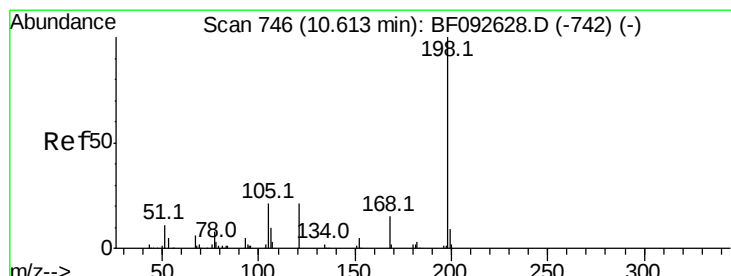
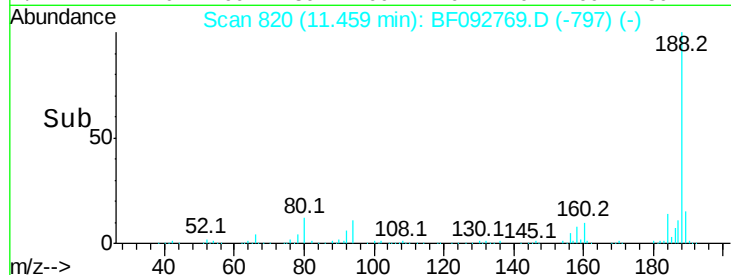
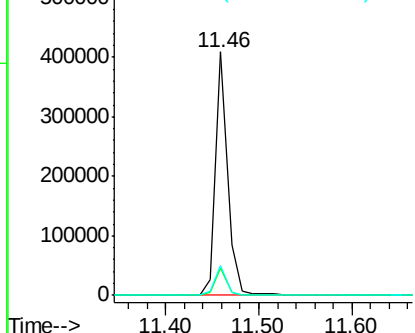
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092769.D
Acq: 3 Feb 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 370536
Ion Ratio Lower Upper
188 100
94 11.2 10.0 15.0
80 12.1 11.2 16.8

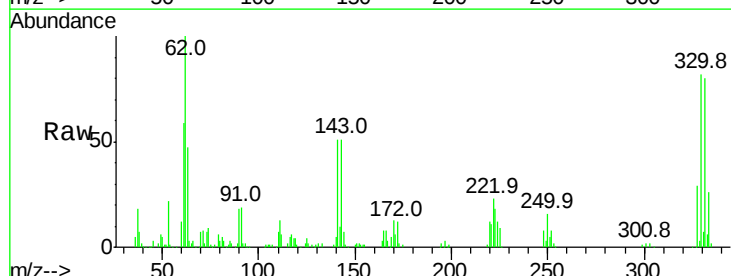


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

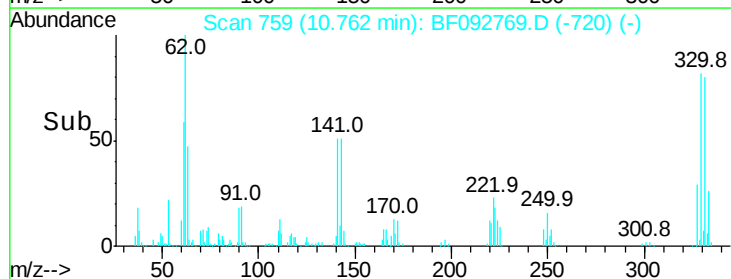
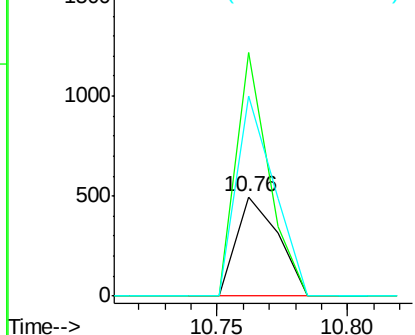


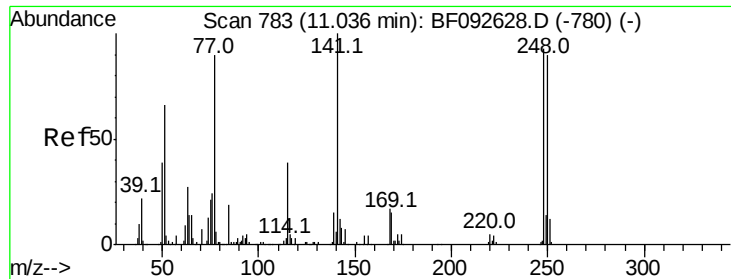
#64
4,6-Dinitro-2-methylphenol
Concen: 2.90 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.15 min
Lab File: BF092769.D
Acq: 3 Feb 2017 10:15

Tgt Ion:198 Resp: 555
Ion Ratio Lower Upper
198 100
51 245.6 6.7 46.7#
105 201.8 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

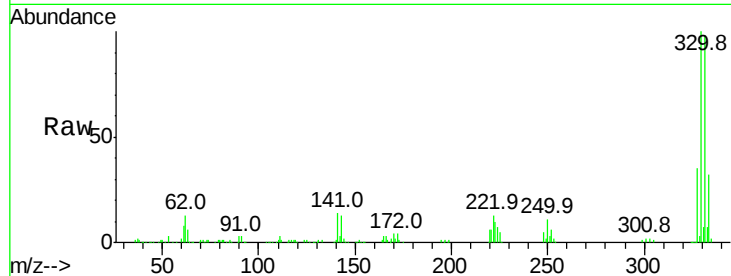




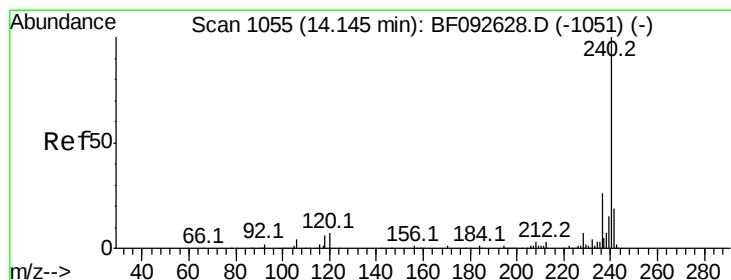
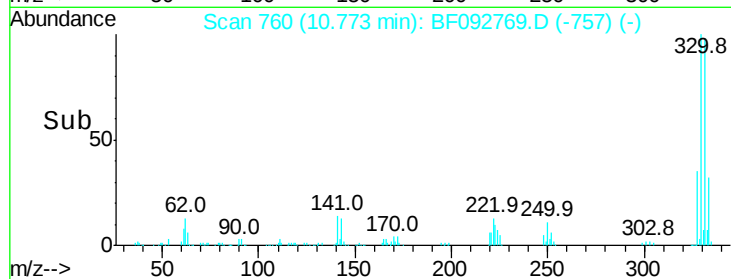
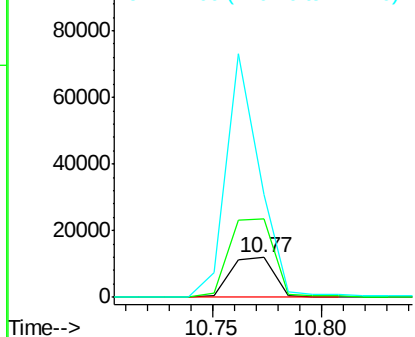
#66
 4-Bromophenyl-phenylether
 Concen: 4.35 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF092769.D
 Acq: 3 Feb 2017 10:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16845
 Ion Ratio Lower Upper
 248 100
 250 195.2 76.9 115.3#
 141 255.5 68.2 102.4#

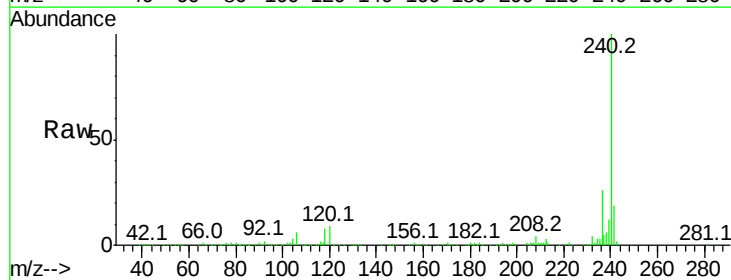


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

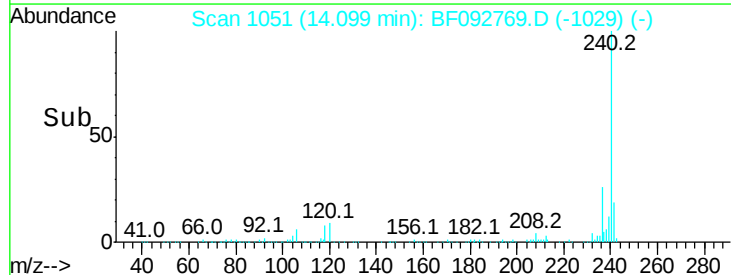
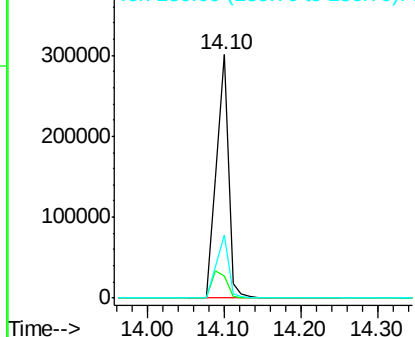


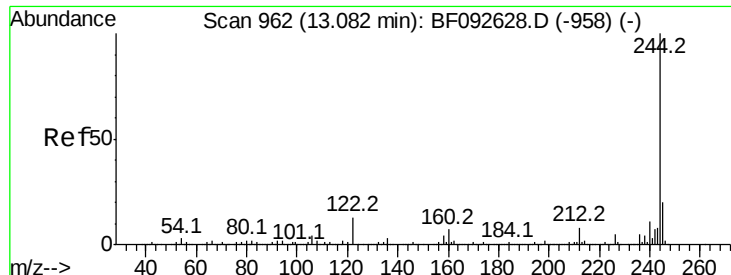
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.05 min
 Lab File: BF092769.D
 Acq: 3 Feb 2017 10:15

Tgt Ion:240 Resp: 329611
 Ion Ratio Lower Upper
 240 100
 120 8.9 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: 79.33 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092769.D

Acq: 3 Feb 2017 10:15

Instrument :

BNA_F

ClientSampled :

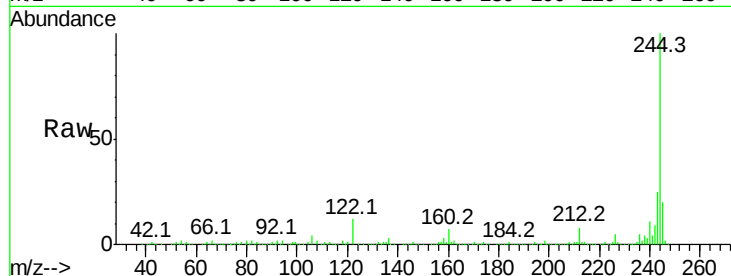
Tot Ion:244 Resp: 1112845

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

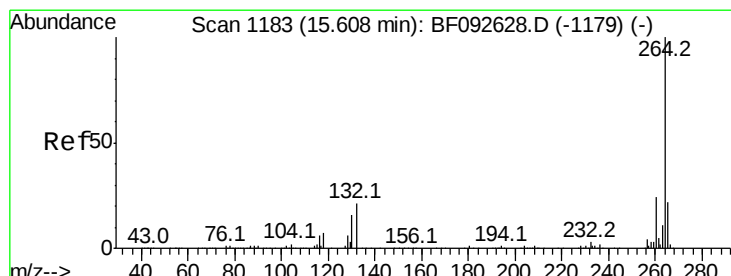
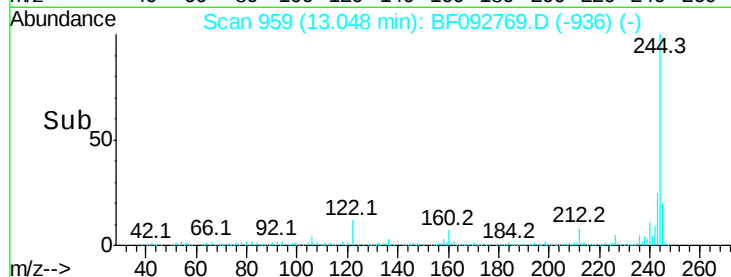
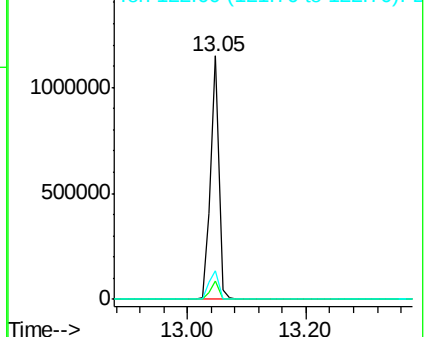
122 11.7 11.4 17.2



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: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092769.D

Acq: 3 Feb 2017 10:15

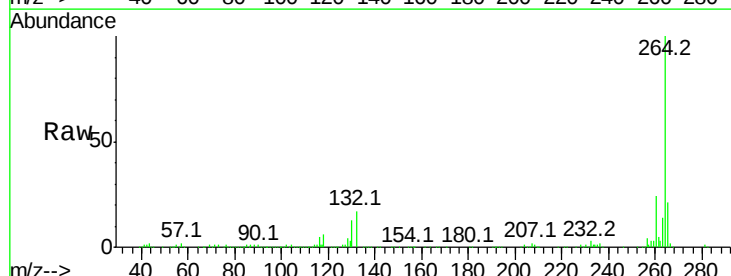
Tgt Ion:264 Resp: 319116

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.2 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

