

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092869.D
 Acq On : 8 Feb 2017 22:35
 Operator : SJ/MA
 Sample : I1745-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Quant Time: Feb 08 23:44:50 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

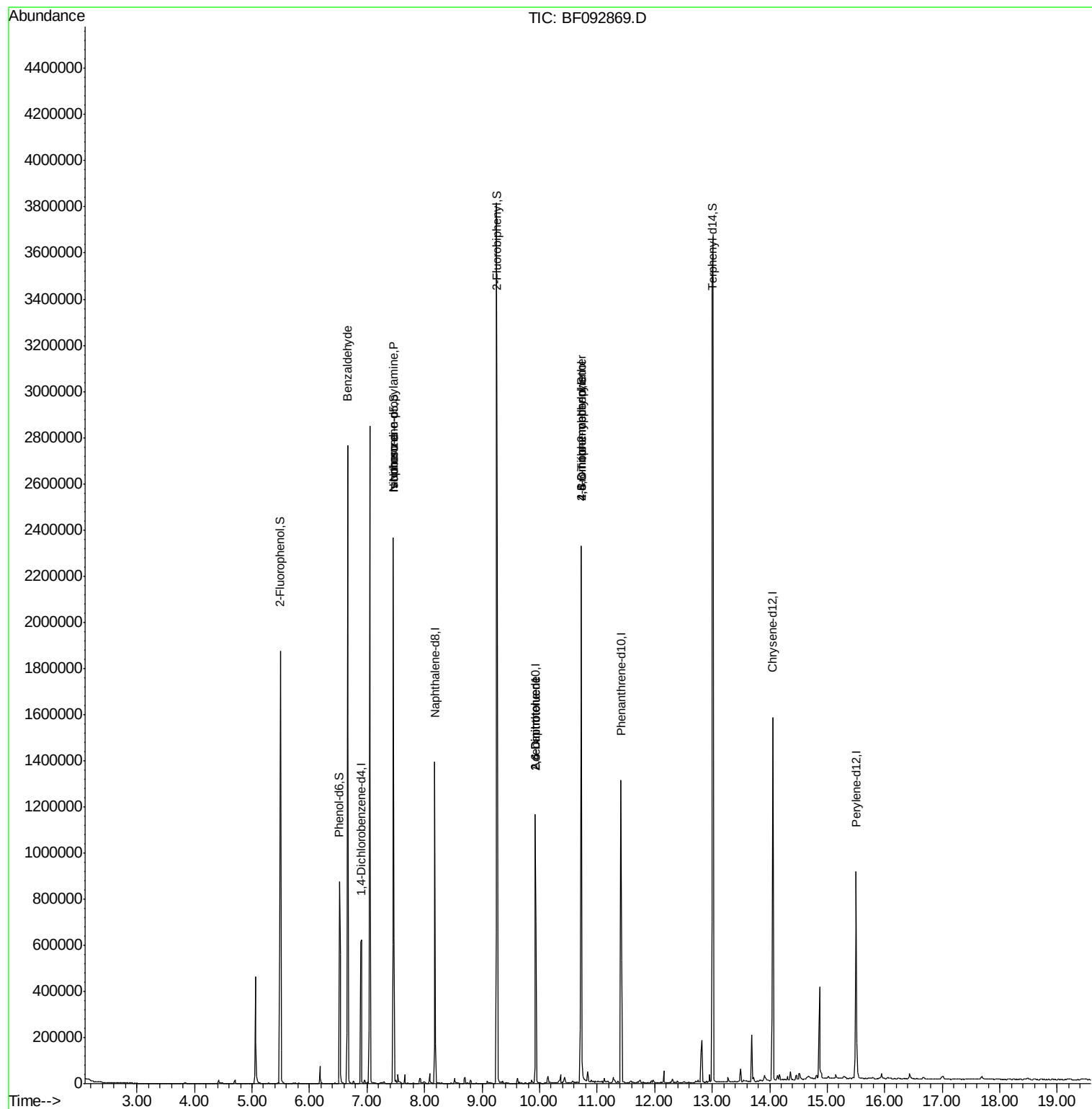
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143377	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	585472	20.00	ng	-0.08
38) Acenaphthene-d10	9.93	164	317778	20.00	ng	-0.08
63) Phenanthrene-d10	11.41	188	531328	20.00	ng	-0.08
75) Chrysene-d12	14.05	240	513616	20.00	ng	-0.09
86) Perylene-d12	15.51	264	434636	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	500834	59.93	ng	-0.08
7) Phenol-d6	6.52	99	353553	32.88	ng	-0.08
23) Nitrobenzene-d5	7.46	82	839255	79.83	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	358355	155.92	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	1673425	95.40	ng	-0.08
78) Terphenyl-d14	13.01	244	1809101	82.76	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.66	77	18648	2.42	ng	# 75
19) n-Nitroso-di-n-propylamine	7.46	70	110399	16.13	ng	# 82
25) Isophorone	7.46	82	834019	42.57	ng	# 65
50) 2,6-Dinitrotoluene	9.93	165	41072	8.89	ng	# 31
56) 2,4-Dinitrotoluene	9.93	165	41075	6.67	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.73	198	960	2.95	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	26505	4.77	ng	# 1

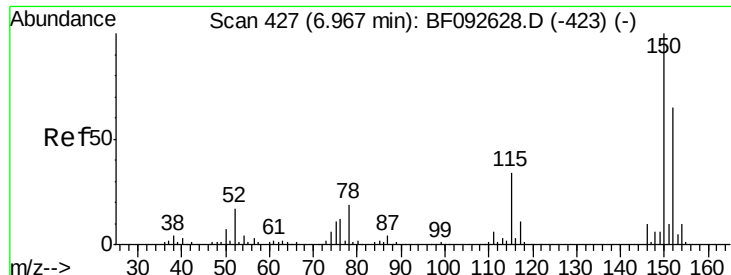
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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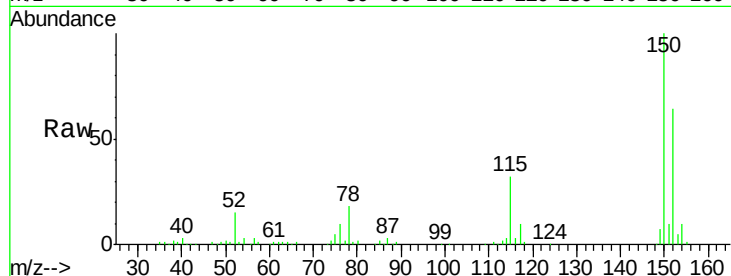


#1

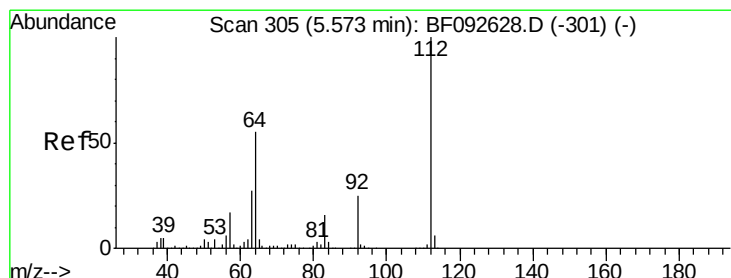
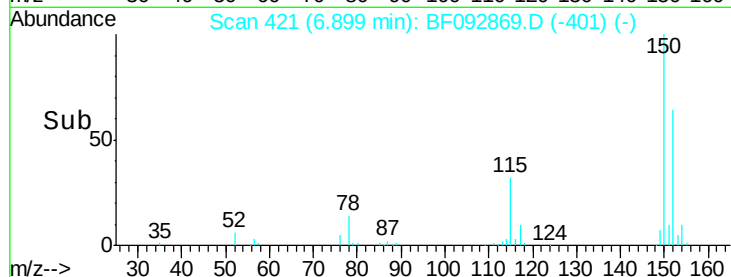
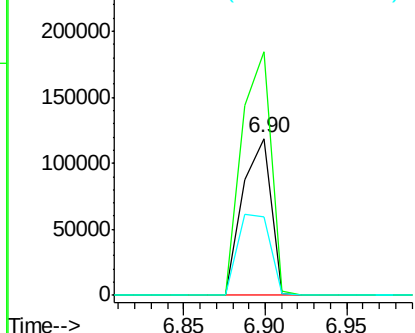
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.07 min
 Lab File: BF092869.D
 Acq: 8 Feb 2017 22:35

Instrument :
 BNA_F
 ClientSampled :
 GW-1

Tgt Ion:152 Resp: 143377
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.9 187.3
 115 50.4 46.0 69.0



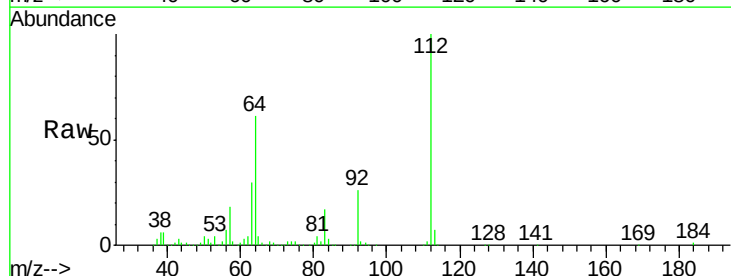
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



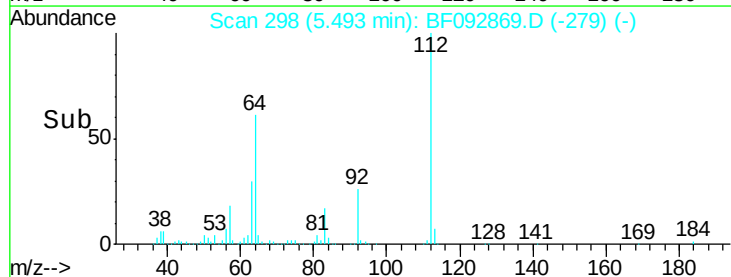
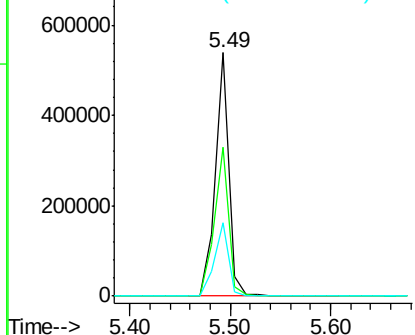
#5

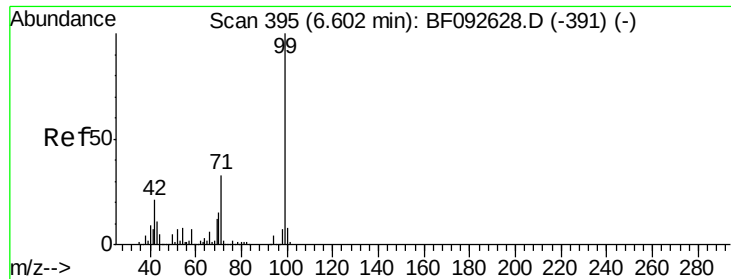
2-Fluorophenol
 Concen: 59.93 ng
 RT: 5.49 min Scan# 298
 Delta R.T. -0.08 min
 Lab File: BF092869.D
 Acq: 8 Feb 2017 22:35

Tgt Ion:112 Resp: 500834
 Ion Ratio Lower Upper
 112 100
 64 61.2 46.1 69.1
 63 30.2 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: 32.88 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092869.D

Acq: 8 Feb 2017 22:35

Instrument :

BNA_F

ClientSampleId :

GW-1

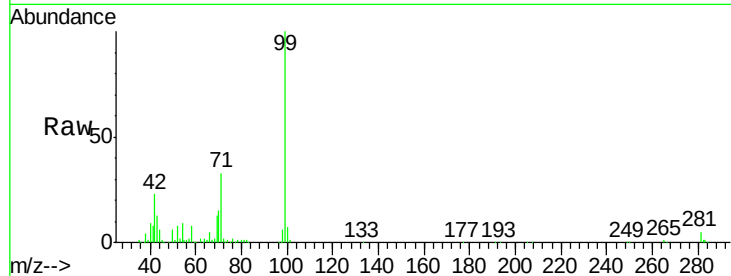
Tgt Ion: 99 Resp: 353553

Ion Ratio Lower Upper

99 100

42 22.9 15.6 23.4

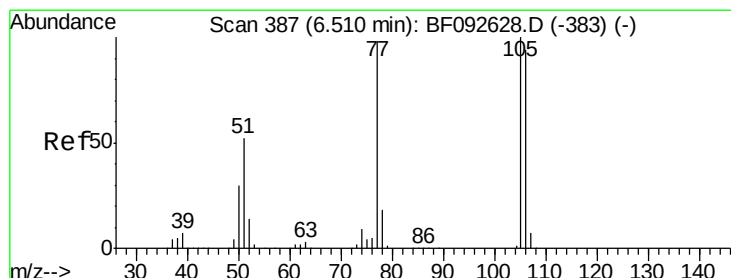
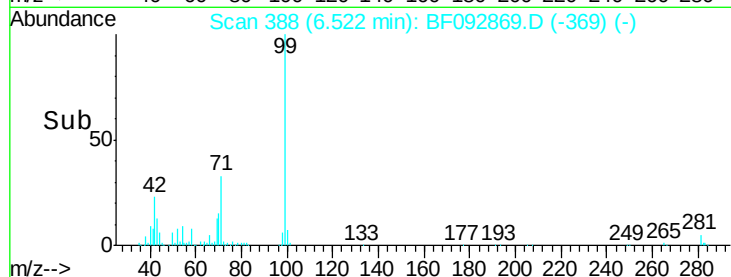
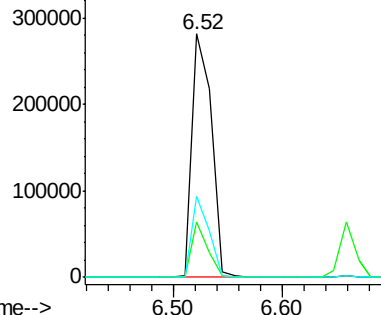
71 33.5 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.42 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.15 min

Lab File: BF092869.D

Acq: 8 Feb 2017 22:35

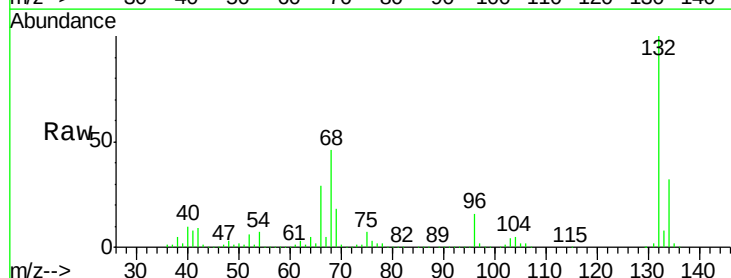
Tgt Ion: 77 Resp: 18648

Ion Ratio Lower Upper

77 100

105 76.3 83.9 123.9#

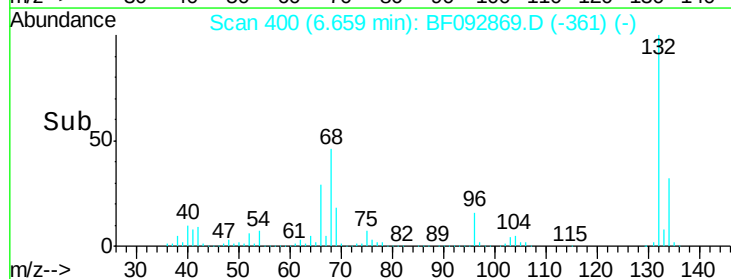
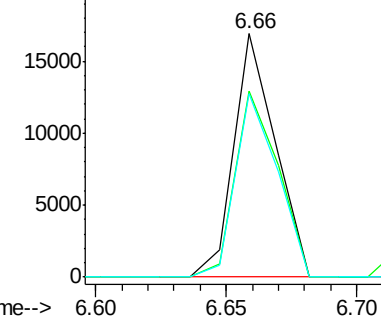
106 75.4 77.6 117.6#

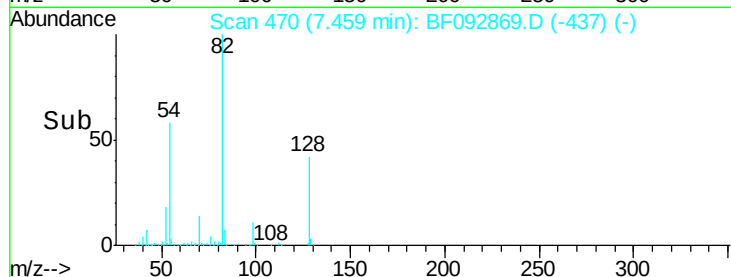
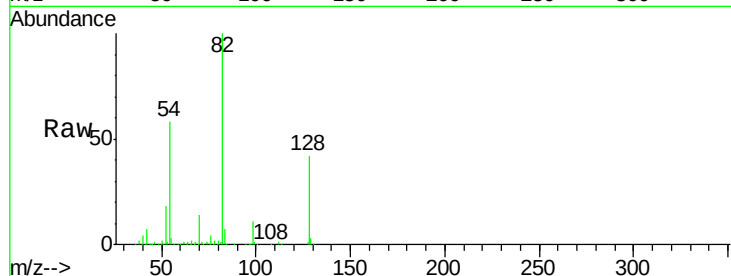
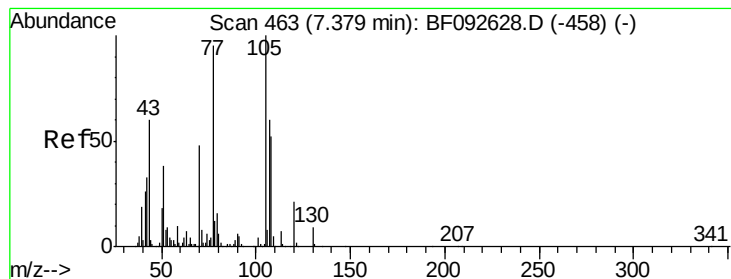


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.13 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092869.D

Acq: 8 Feb 2017 22:35

Instrument :

BNA_F

ClientSampleId :

GW-1

Tgt Ion: 70 Resp: 110399

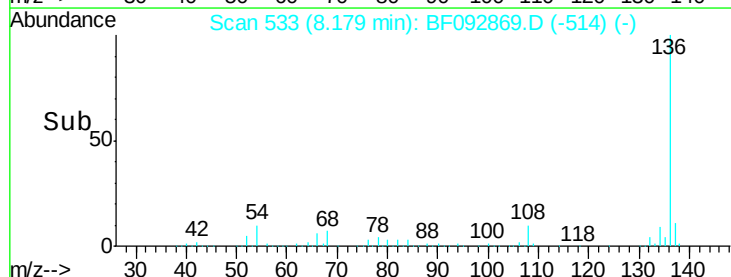
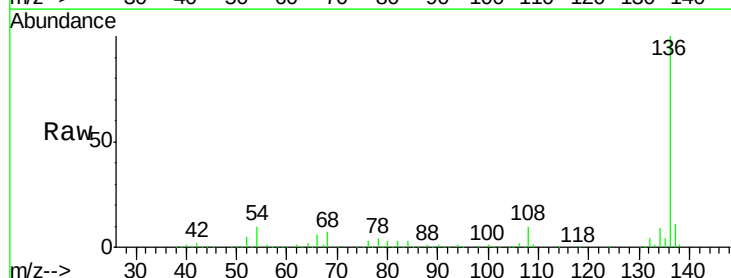
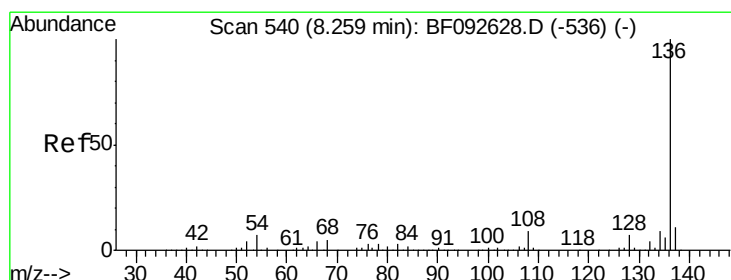
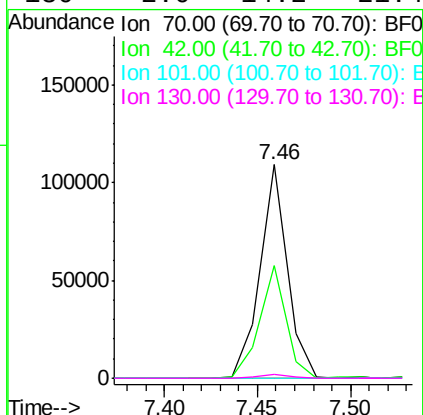
Ion Ratio Lower Upper

70 100

42 52.8 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092869.D

Acq: 8 Feb 2017 22:35

Tgt Ion: 136 Resp: 585472

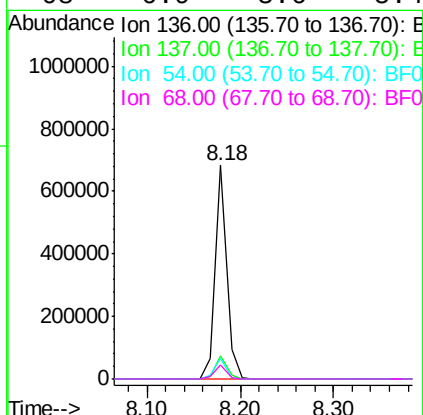
Ion Ratio Lower Upper

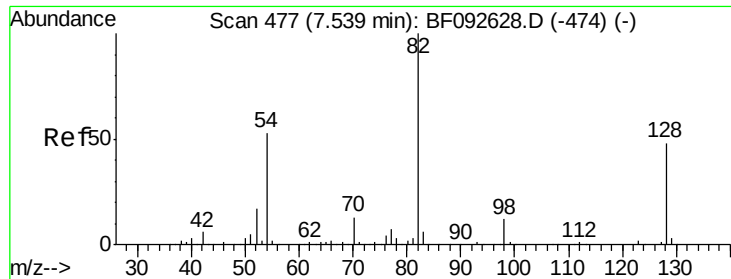
136 100

137 10.9 8.4 12.6

54 9.9 4.5 6.7#

68 6.9 3.6 5.4#

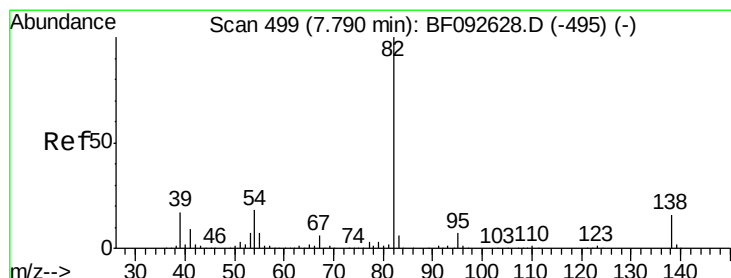
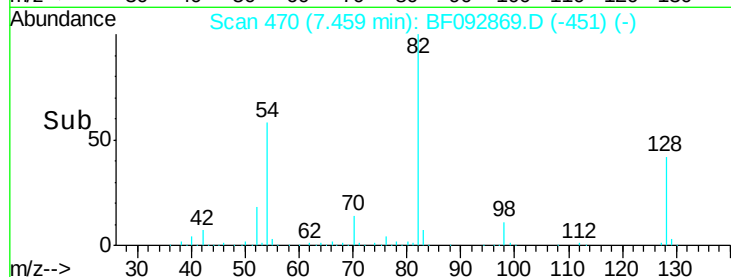
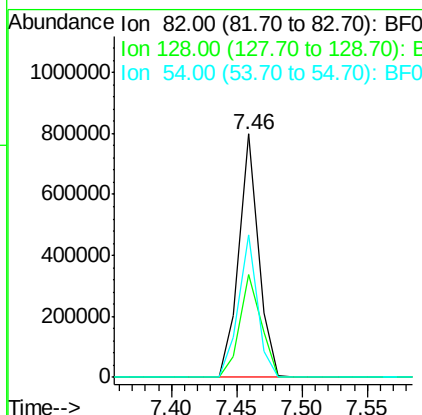
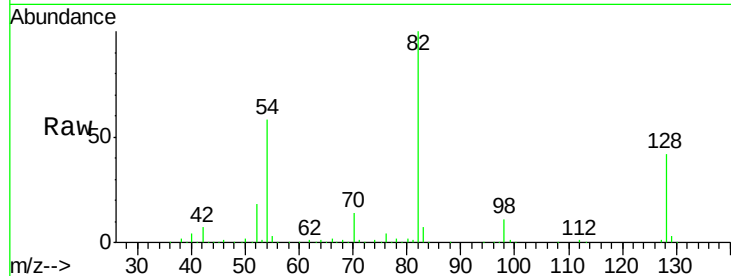




#23
 Nitrobenzene-d5
 Concen: 79.83 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092869.D
 Acq: 8 Feb 2017 22:35

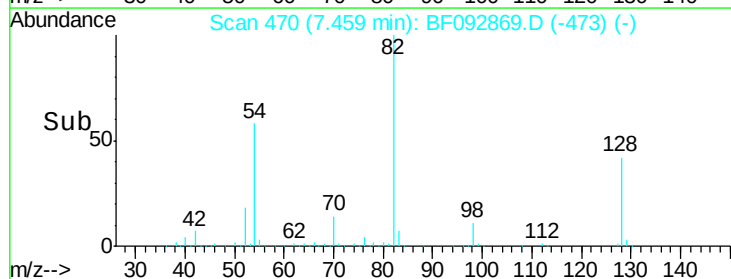
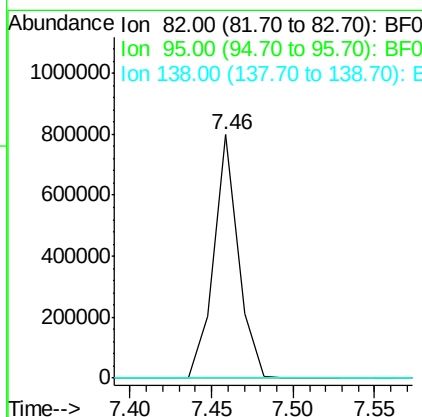
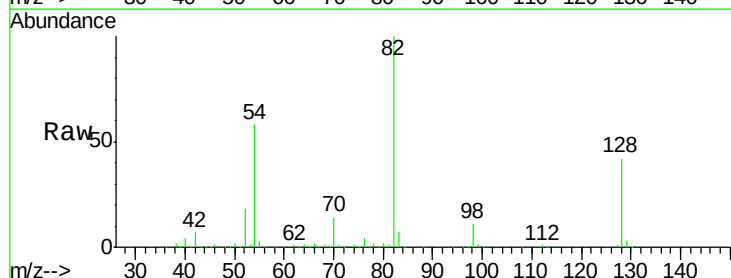
Instrument :
 BNA_F
 ClientSampleId :
 GW-1

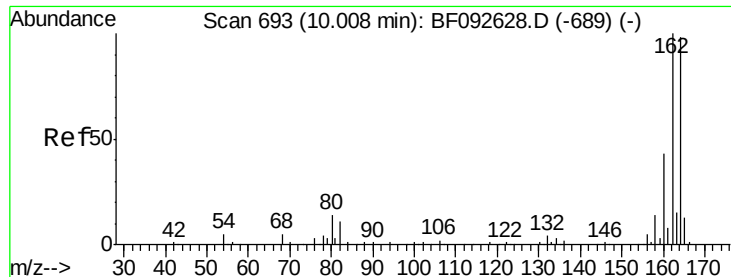
Tgt Ion: 82 Resp: 839255
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 52.0
 54 58.3 39.5 59.3



#25
 Isophorone
 Concen: 42.57 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.33 min
 Lab File: BF092869.D
 Acq: 8 Feb 2017 22:35

Tgt Ion: 82 Resp: 834019
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

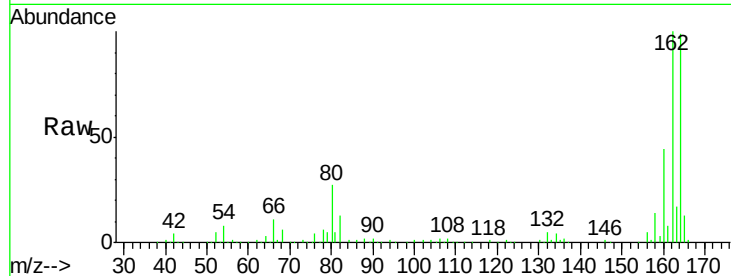




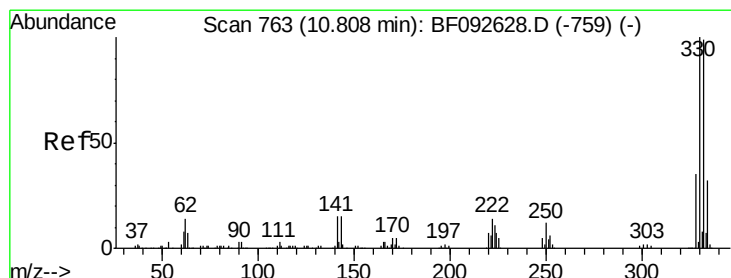
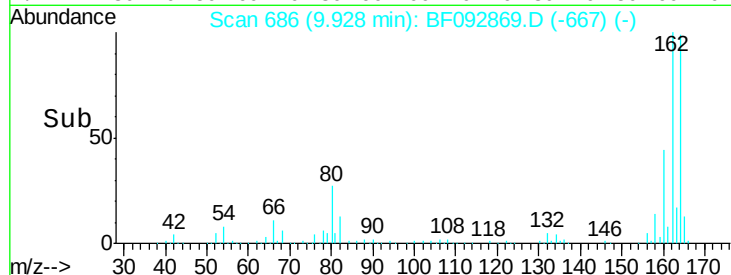
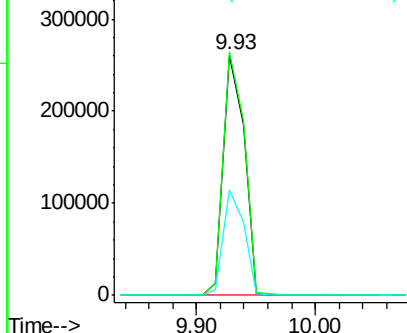
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF092869.D
Acq: 8 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
GW-1

Tgt Ion:164 Resp: 317778
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 44.1 36.9 55.3

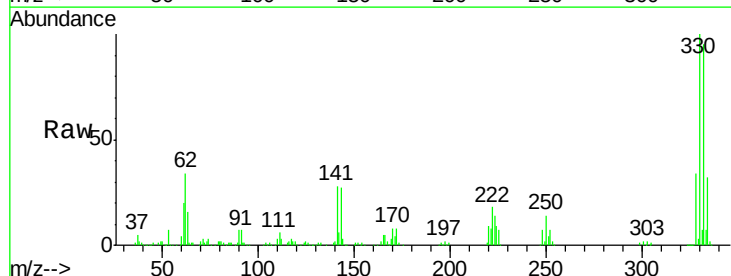


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

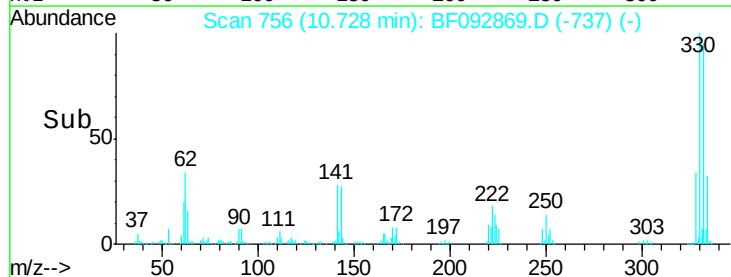
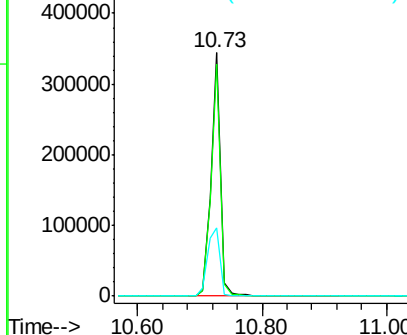


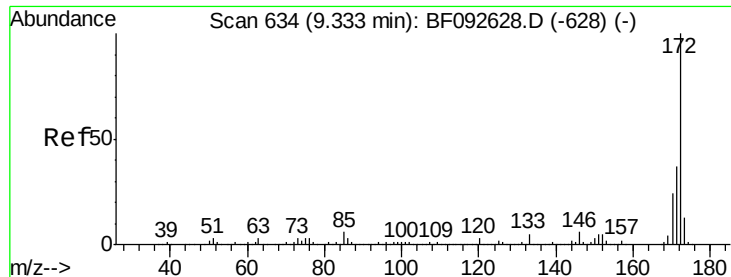
#41
2,4,6-Tribromophenol
Concen: 155.92 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092869.D
Acq: 8 Feb 2017 22:35

Tgt Ion:330 Resp: 358355
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.2
141 37.5 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

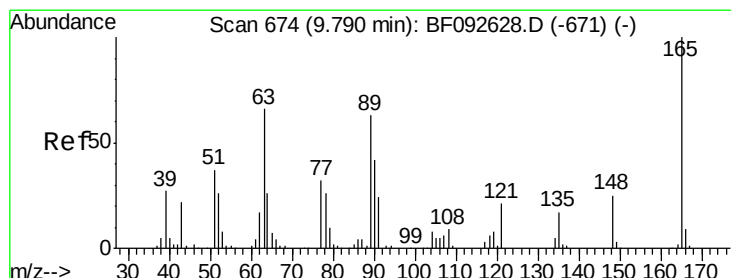
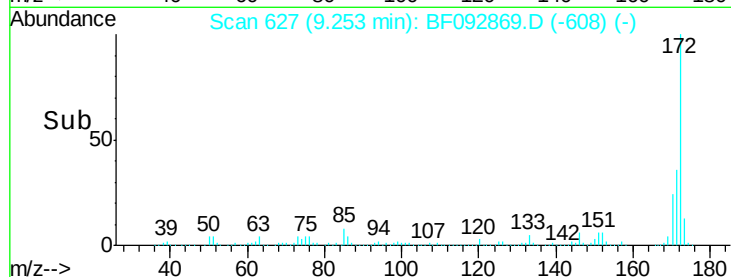
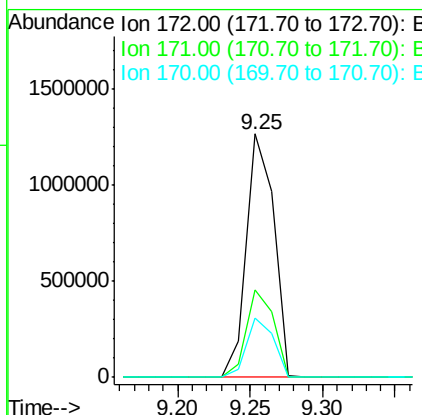
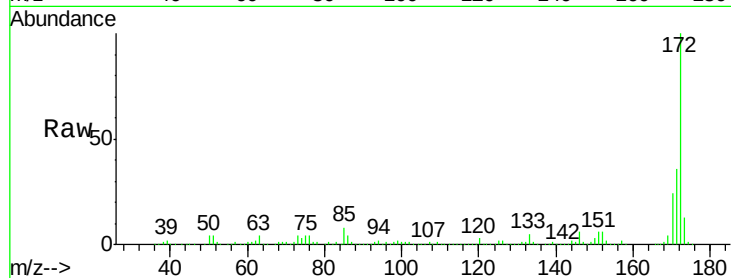




#44
2-Fluorobiphenyl
Concen: 95.40 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.08 min
Lab File: BF092869.D
Acq: 8 Feb 2017 22:35

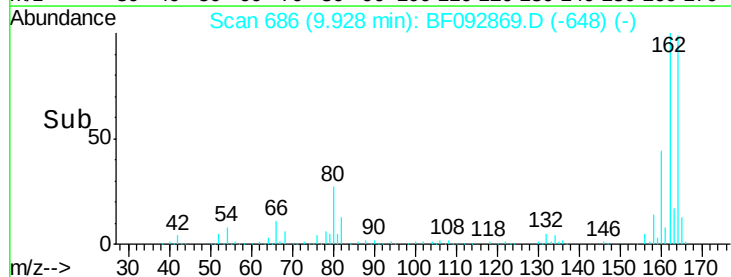
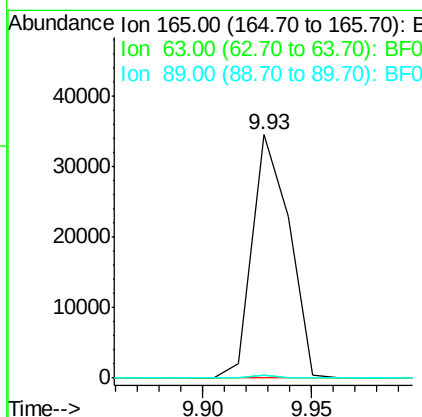
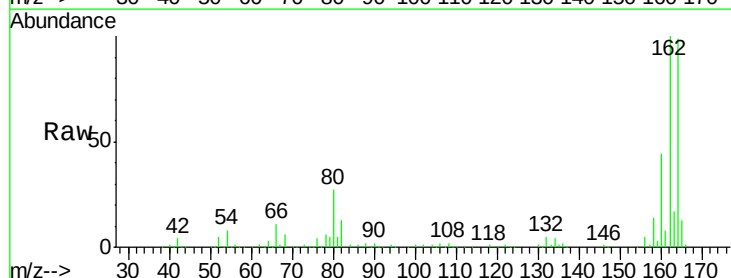
Instrument :
BNA_F
ClientSampleId :
GW-1

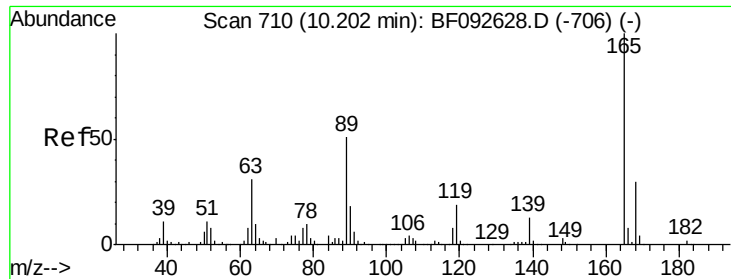
Tgt Ion:172 Resp: 1673425
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.3 20.2 30.4



#50
2,6-Dinitrotoluene
Concen: 8.89 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.14 min
Lab File: BF092869.D
Acq: 8 Feb 2017 22:35

Tgt Ion:165 Resp: 41072
Ion Ratio Lower Upper
165 100
63 1.3 36.2 54.4#
89 1.1 40.2 60.4#





#56

2,4-Dinitrotoluene

Concen: 6.67 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.27 min

Lab File: BF092869.D

Acq: 8 Feb 2017 22:35

Instrument :

BNA_F

ClientSampleId :

GW-1

Tgt Ion:165 Resp: 41075

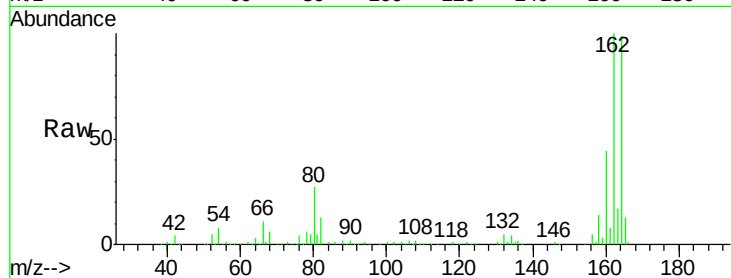
Ion Ratio Lower Upper

165 100

63 1.3 40.2 60.4#

89 1.1 62.5 93.7#

182 0.0 1.8 2.8#

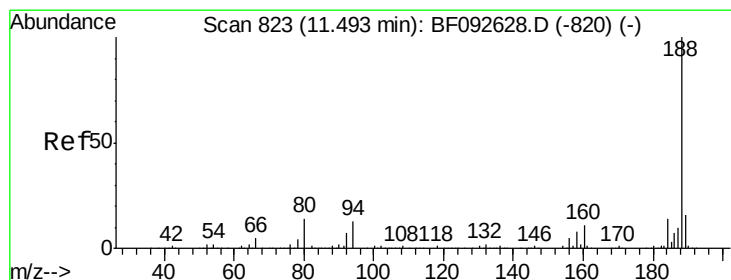
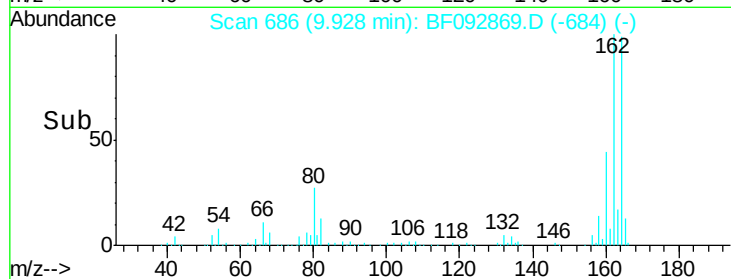
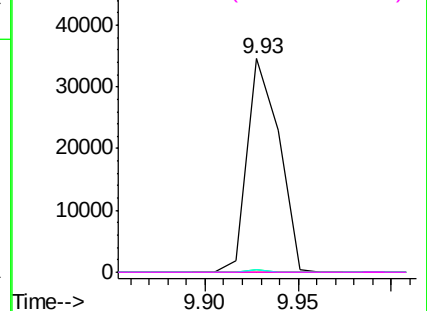


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.41 min Scan# 816

Delta R.T. -0.08 min

Lab File: BF092869.D

Acq: 8 Feb 2017 22:35

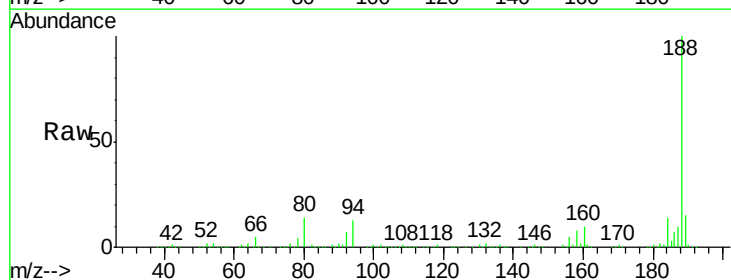
Tgt Ion:188 Resp: 531328

Ion Ratio Lower Upper

188 100

94 13.2 10.0 15.0

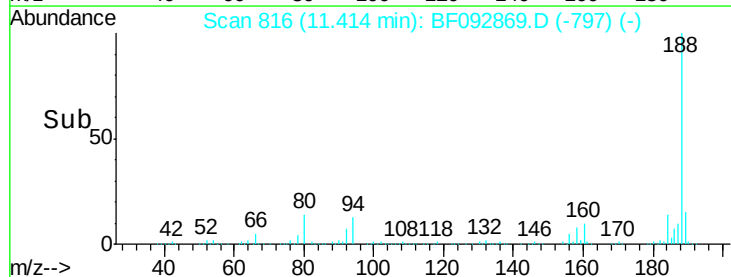
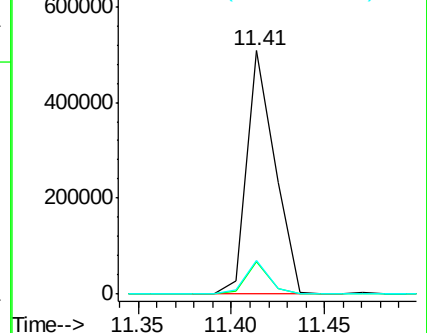
80 14.0 11.2 16.8

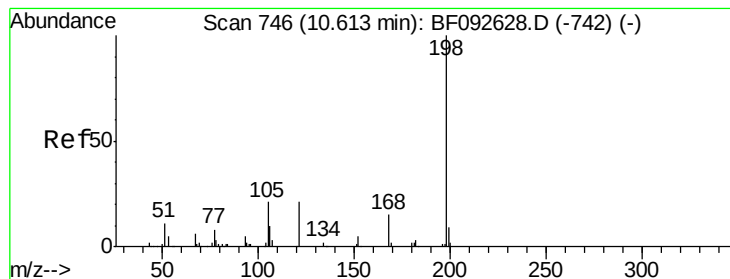


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.95 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.11 min

Lab File: BF092869.D

Acq: 8 Feb 2017 22:35

Instrument :

BNA_F

ClientSampleId :

GW-1

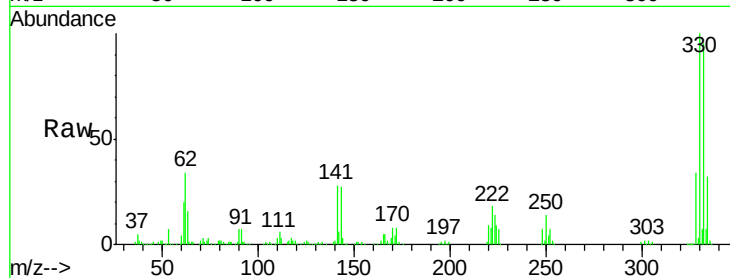
Tgt Ion:198 Resp: 960

Ion Ratio Lower Upper

198 100

51 109.2 6.7 46.7#

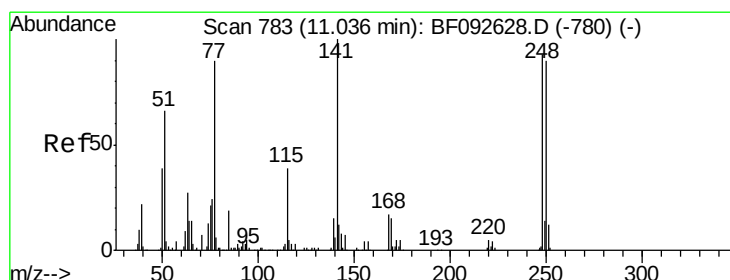
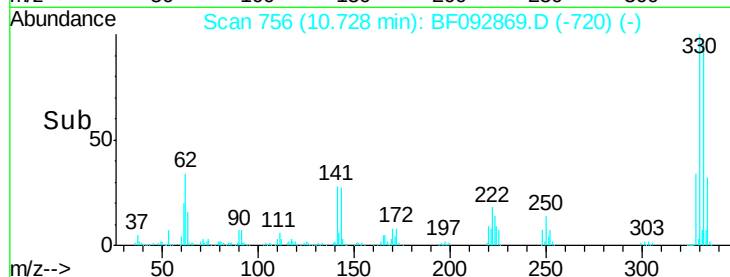
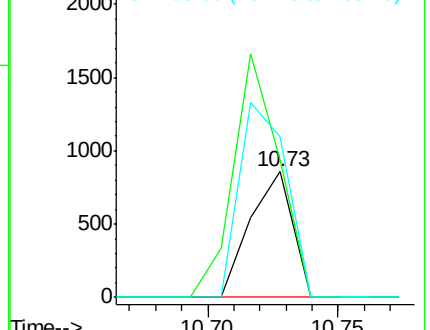
105 128.2 16.6 56.6#



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: 4.77 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.31 min

Lab File: BF092869.D

Acq: 8 Feb 2017 22:35

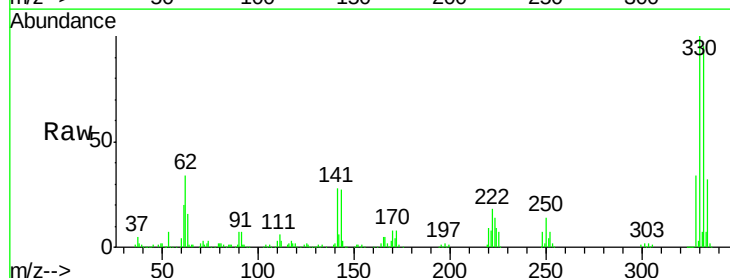
Tgt Ion:248 Resp: 26505

Ion Ratio Lower Upper

248 100

250 212.8 76.9 115.3#

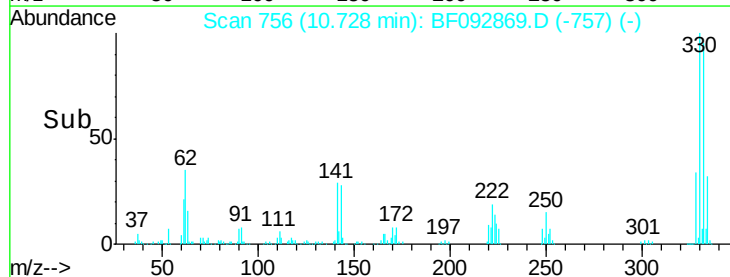
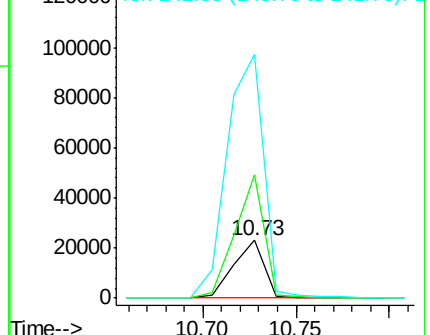
141 421.4 68.2 102.4#

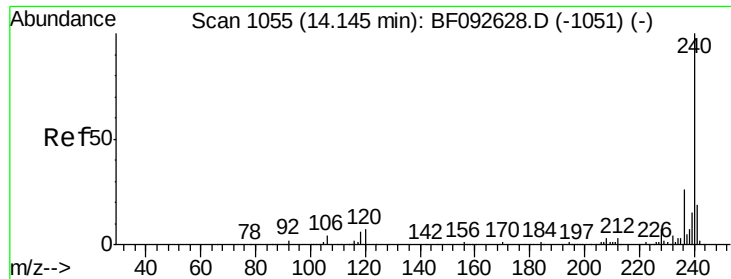


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.09 min

Lab File: BF092869.D

Acq: 8 Feb 2017 22:35

Instrument :

BNA_F

ClientSampleId :

GW-1

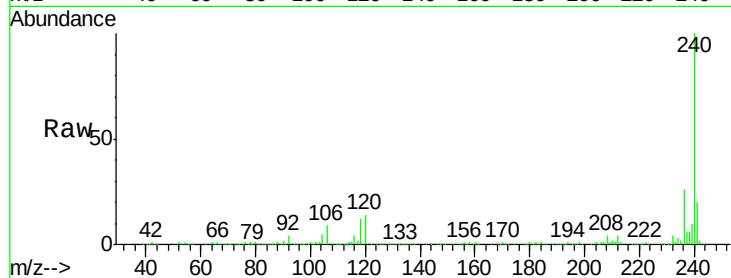
Tgt Ion:240 Resp: 513616

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

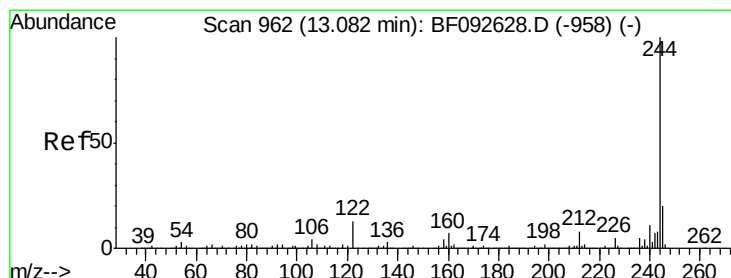
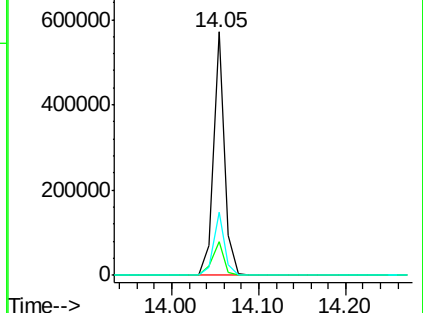
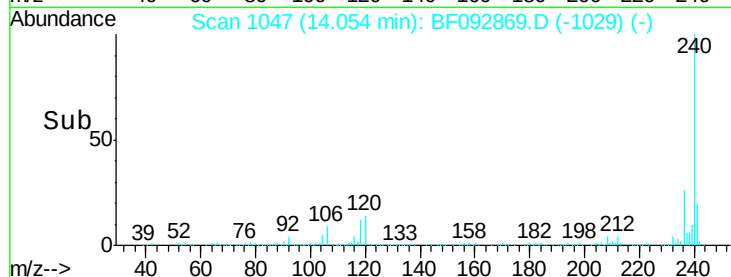
236 25.9 20.9 31.3



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: 82.76 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092869.D

Acq: 8 Feb 2017 22:35

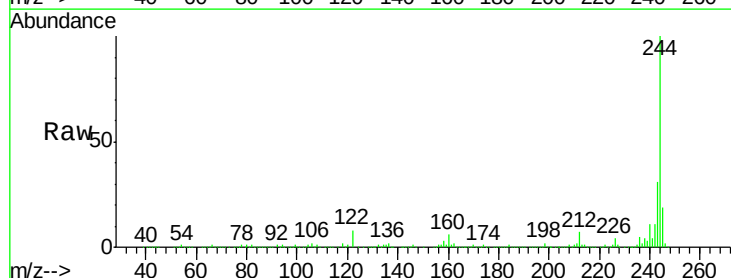
Tgt Ion:244 Resp: 1809101

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

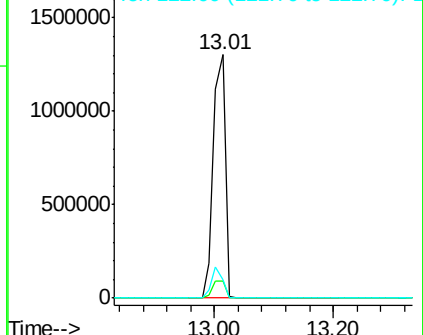
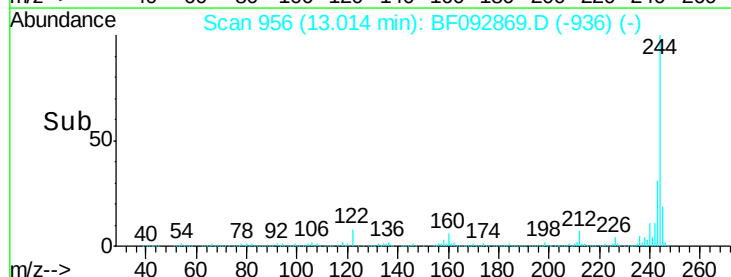
122 7.7 11.4 17.2#

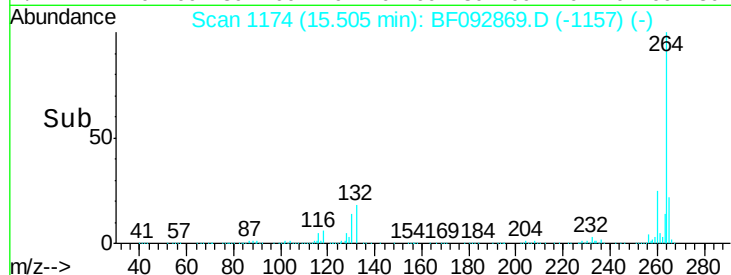
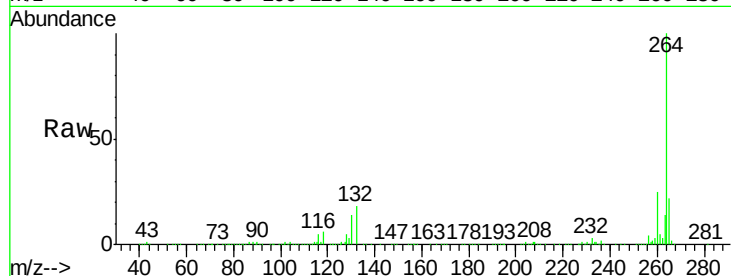
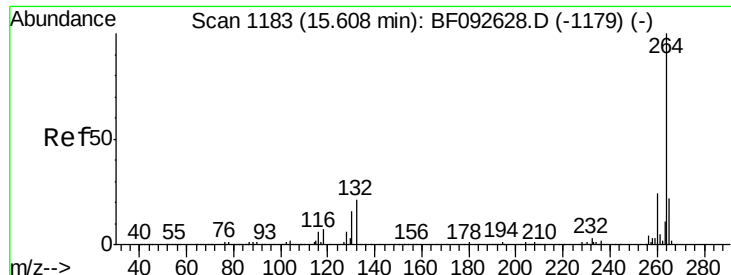


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092869.D
Acq: 8 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
GW-1

Tgt Ion:	264	Resp:	434636
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.0	17.4	26.0

