

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092860.D
 Acq On : 8 Feb 2017 18:29
 Operator : SJ/MA
 Sample : PB96817BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96817BL

Quant Time: Feb 08 23:42:01 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

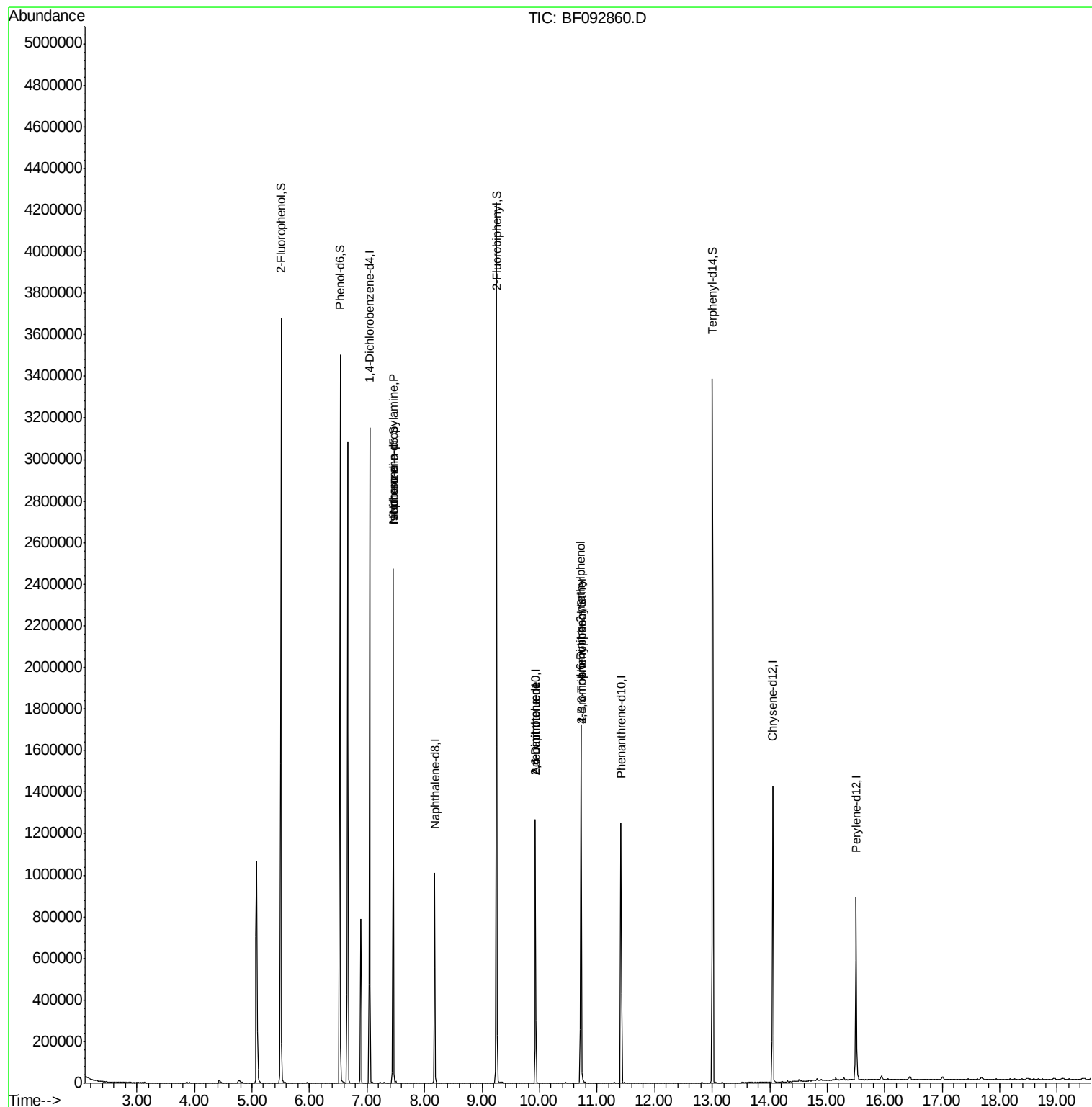
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	463049	20.00	ng	0.08
21) Naphthalene-d8	8.18	136	552754	20.00	ng	-0.08
38) Acenaphthene-d10	9.93	164	284151	20.00	ng	-0.08
63) Phenanthrene-d10	11.41	188	491533	20.00	ng	-0.08
75) Chrysene-d12	14.05	240	469912	20.00	ng	-0.09
86) Perylene-d12	15.51	264	418832	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1037805	38.45	ng	-0.07
7) Phenol-d6	6.53	99	1233349	35.52	ng	-0.07
23) Nitrobenzene-d5	7.46	82	852957	85.93	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	315909	153.72	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	1430024	91.17	ng	-0.08
78) Terphenyl-d14	13.00	244	1484126	74.21	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	112249	5.08	ng	# 78
25) Isophorone	7.46	82	841766	45.51	ng	# 65
50) 2,6-Dinitrotoluene	9.93	165	36474	8.82	ng	# 30
56) 2,4-Dinitrotoluene	9.93	165	36476	6.63	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.72	198	749	2.91	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	23059	4.49	ng	# 1

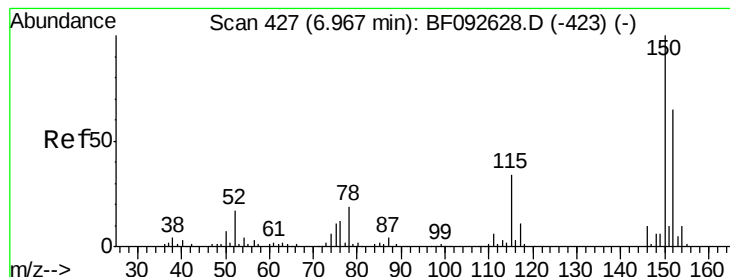
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 434

Delta R.T. 0.08 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

Instrument :

BNA_F

ClientSampled :

PB96817BL

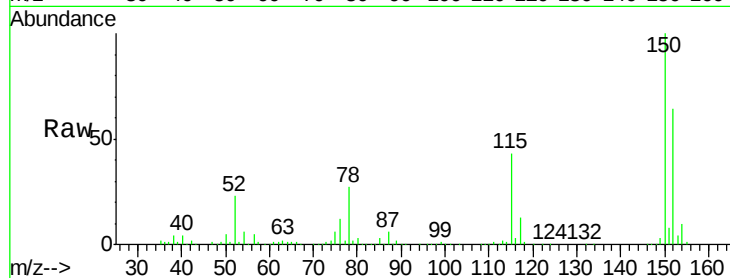
Tgt Ion:152 Resp: 463049

Ion Ratio Lower Upper

152 100

150 156.8 124.9 187.3

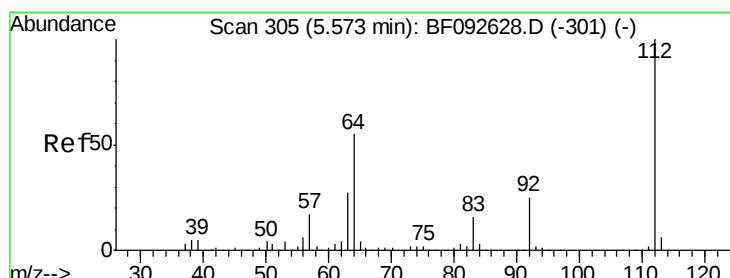
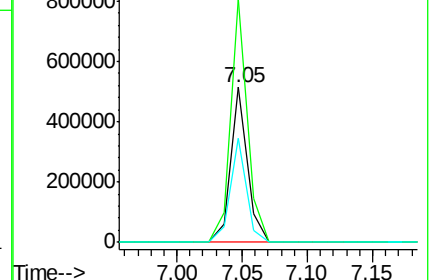
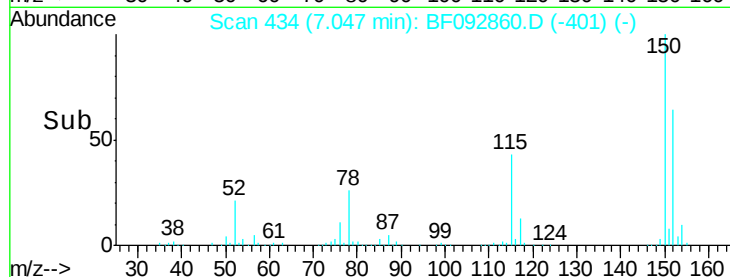
115 66.8 46.0 69.0



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: 38.45 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.07 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

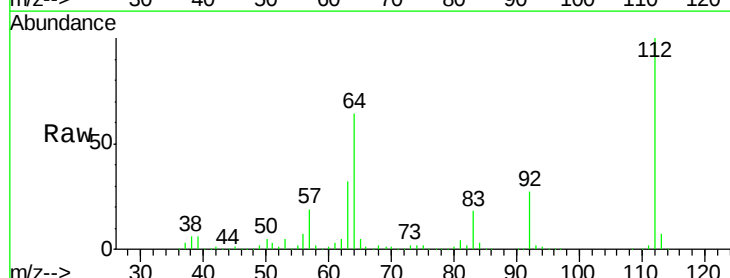
Tgt Ion:112 Resp: 1037805

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

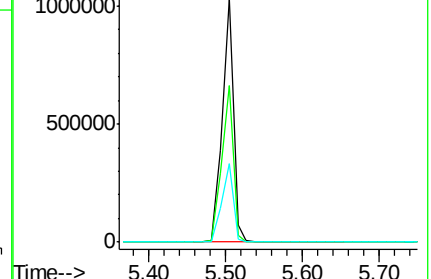
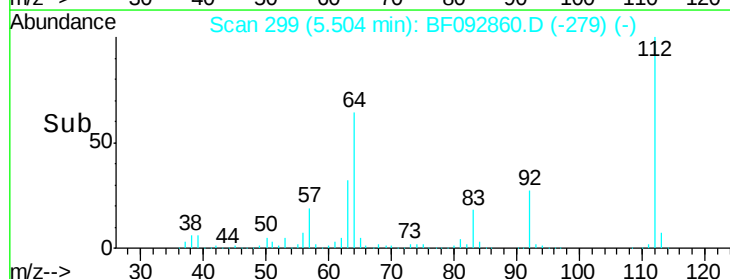
63 32.4 23.8 35.6



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: 35.52 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB96817BL

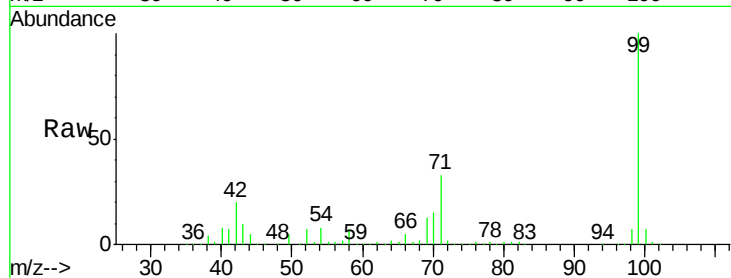
Tgt Ion: 99 Resp: 1233349

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

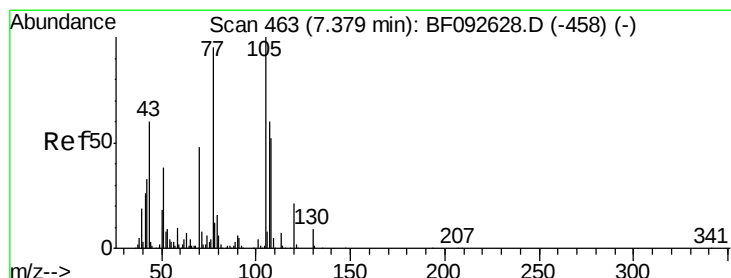
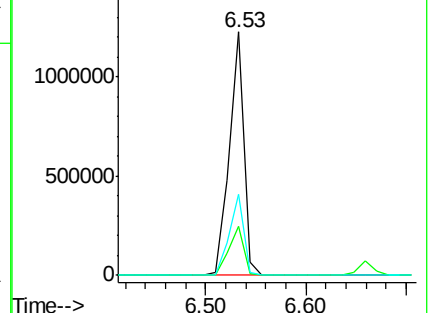
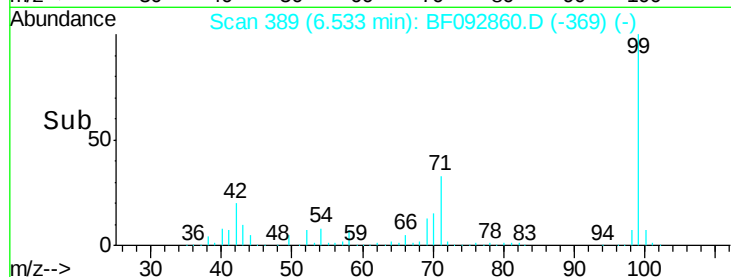
71 33.4 27.5 41.3



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: 5.08 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

Tgt Ion: 70 Resp: 112249

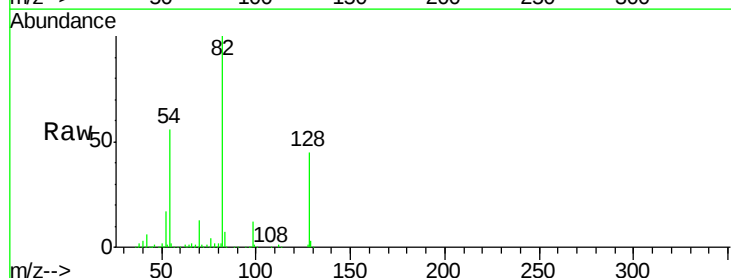
Ion Ratio Lower Upper

70 100

42 48.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

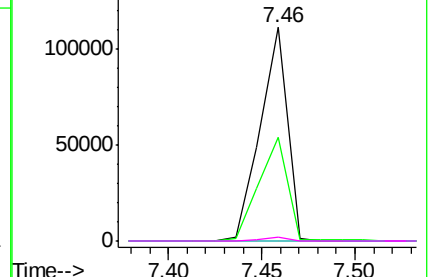
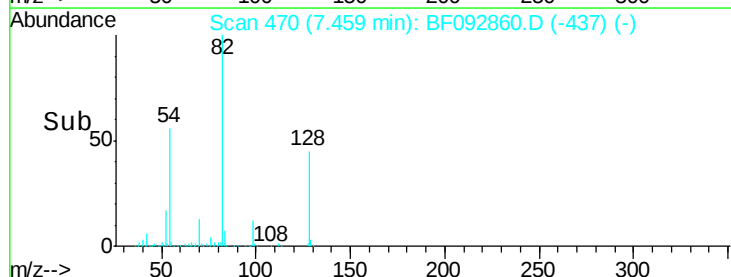


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

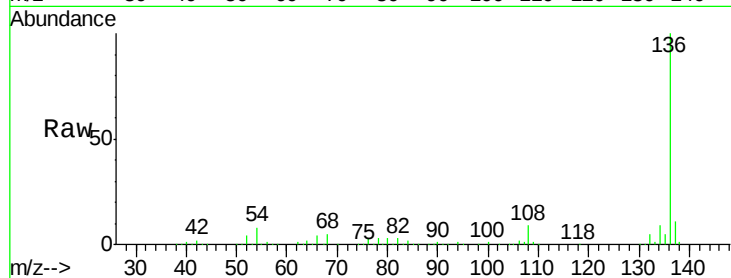




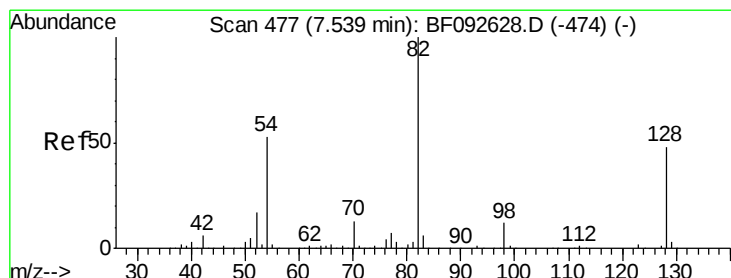
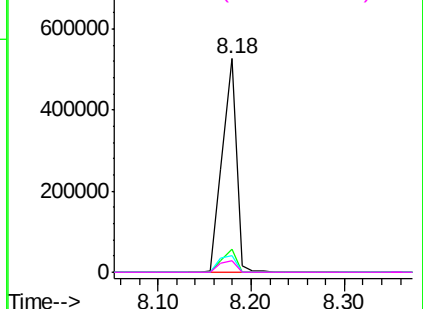
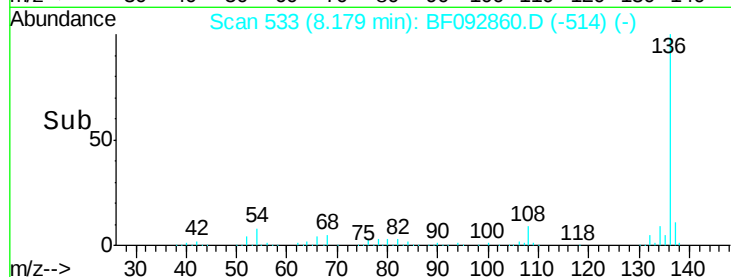
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092860.D
Acq: 8 Feb 2017 18:29

Instrument :
BNA_F
ClientSampleId :
PB96817BL

Tgt Ion:	136	Resp:	552754
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.7	4.5	6.7#
68	5.2	3.6	5.4

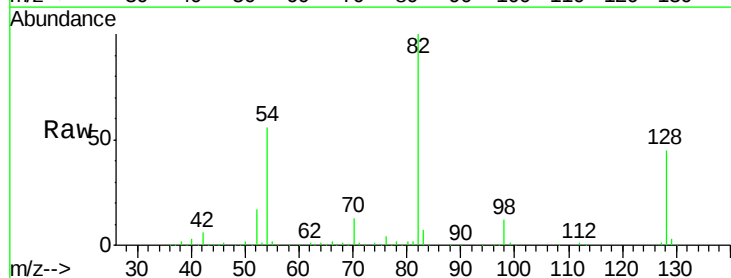


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

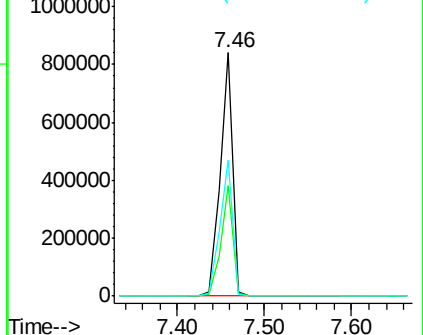
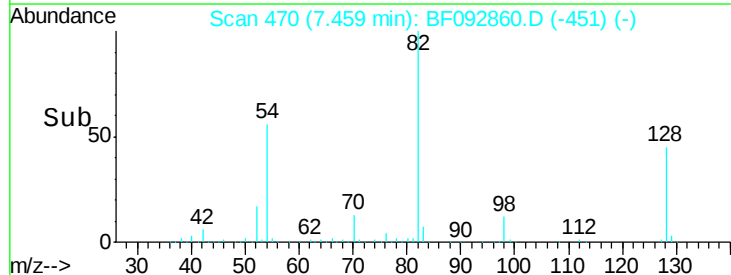


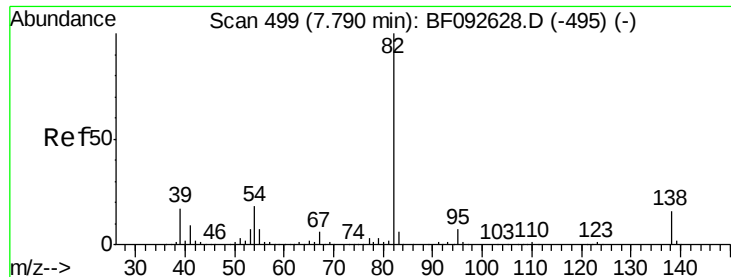
#23
Nitrobenzene-d5
Concen: 85.93 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092860.D
Acq: 8 Feb 2017 18:29

Tgt Ion:	82	Resp:	852957
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	55.7	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: 45.51 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.33 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB96817BL

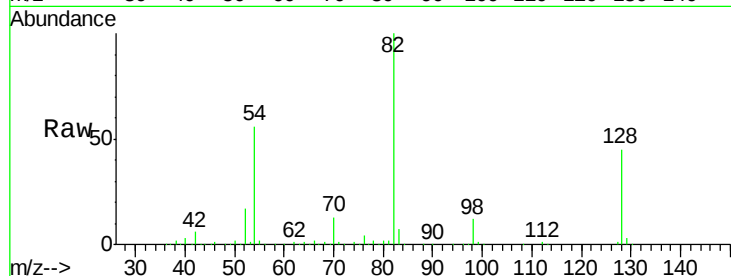
Tgt Ion: 82 Resp: 841766

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

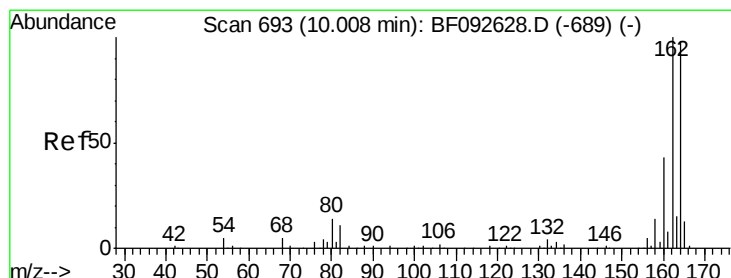
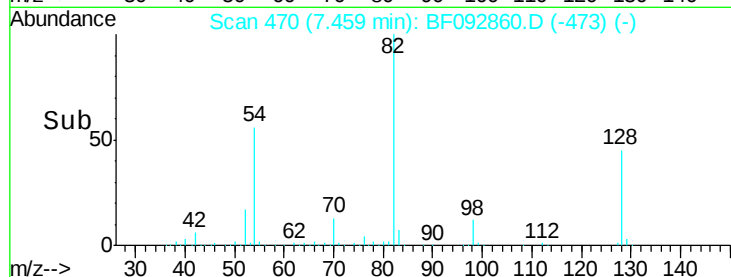
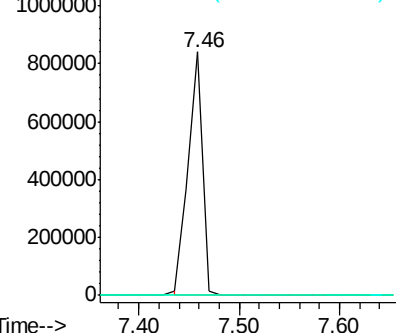
138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.08 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

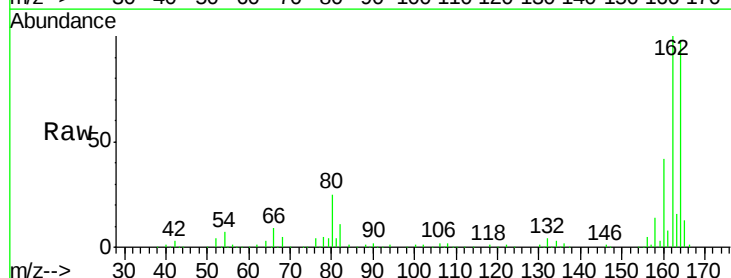
Tgt Ion: 164 Resp: 284151

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

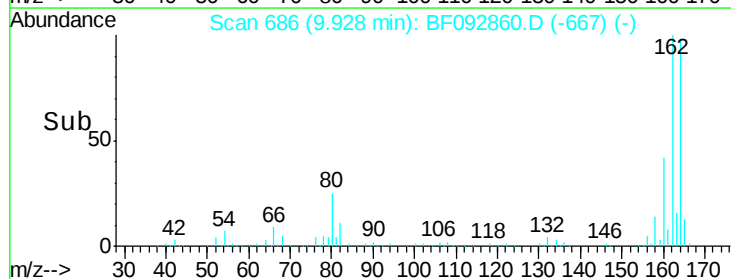
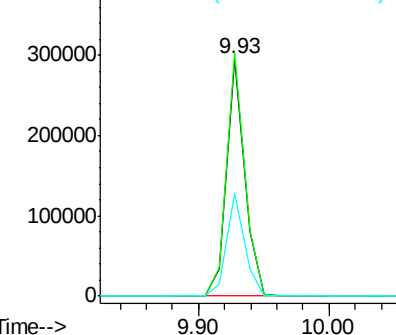
160 43.0 36.9 55.3



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

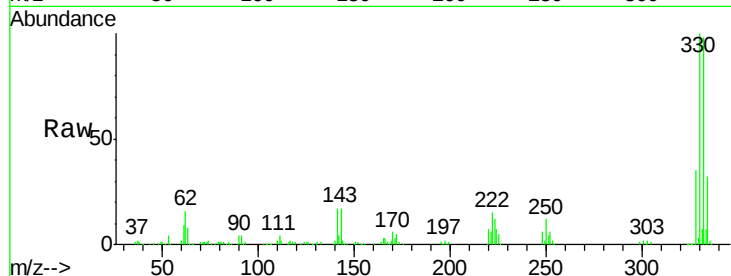




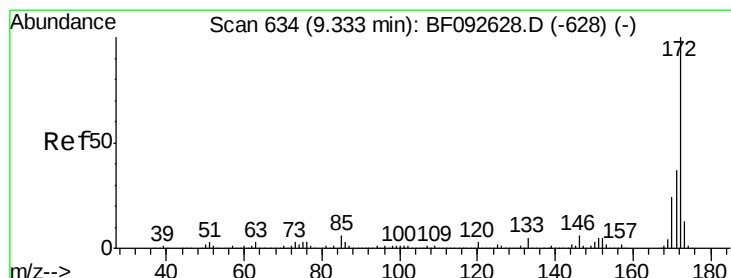
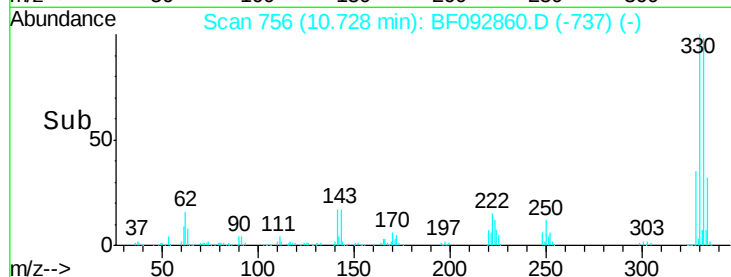
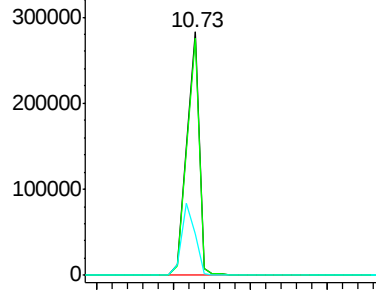
#41
 2,4,6-Tribromophenol
 Concen: 153.72 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092860.D
 Acq: 8 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB96817BL

Tgt Ion:330 Resp: 315909
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 32.5 34.1 51.1#

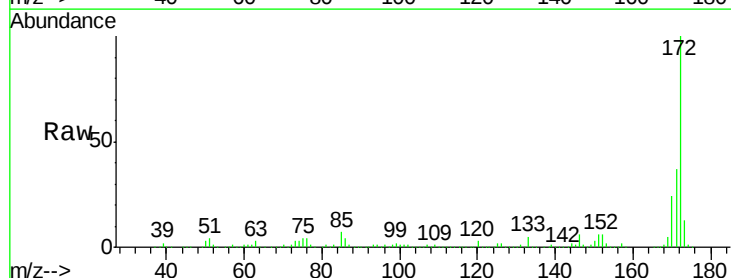


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

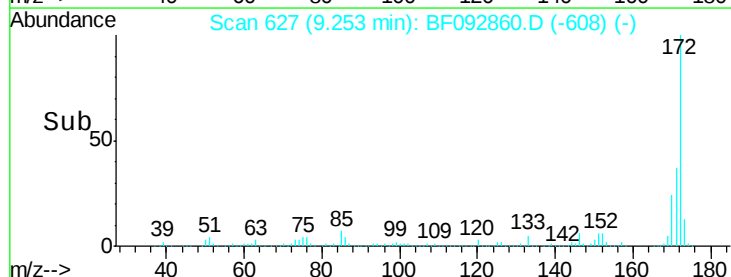
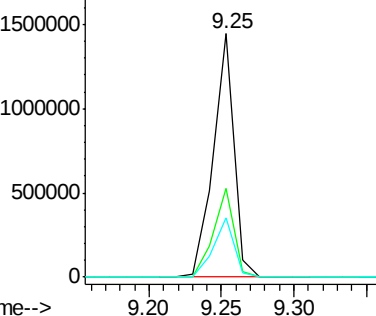


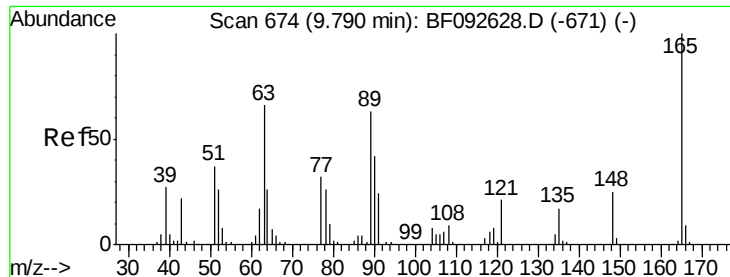
#44
 2-Fluorobiphenyl
 Concen: 91.17 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.08 min
 Lab File: BF092860.D
 Acq: 8 Feb 2017 18:29

Tgt Ion:172 Resp: 1430024
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

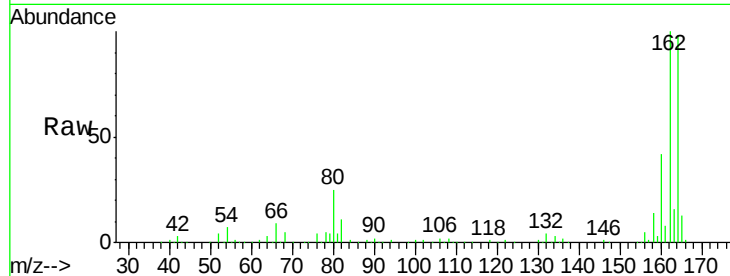




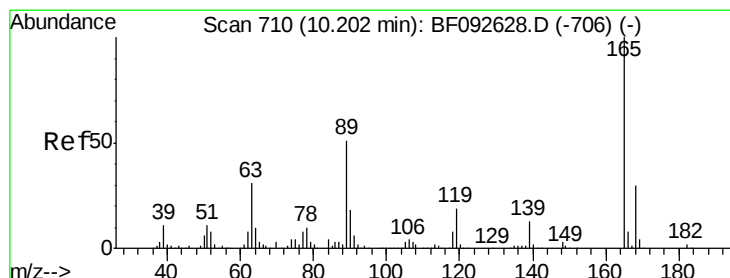
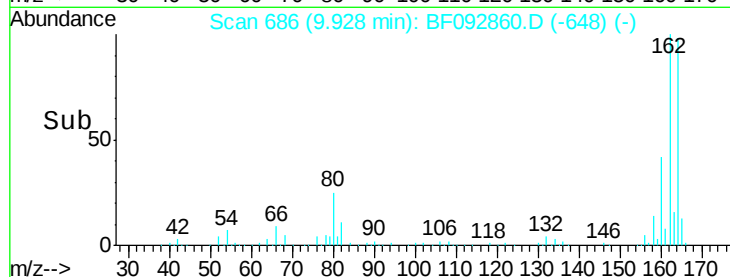
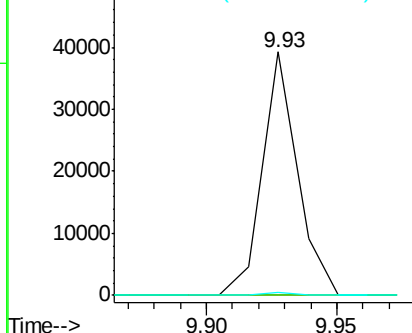
#50
 2,6-Dinitrotoluene
 Concen: 8.82 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.14 min
 Lab File: BF092860.D
 Acq: 8 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB96817BL

Tgt Ion:165 Resp: 36474
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 1.3 40.2 60.4#



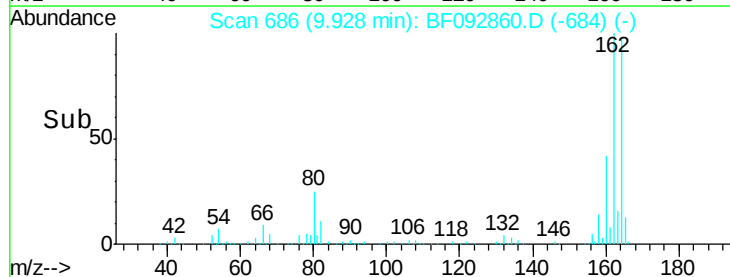
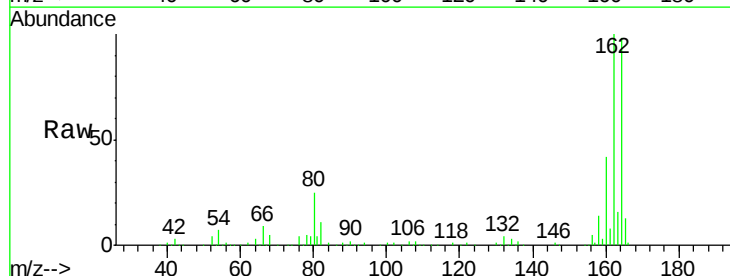
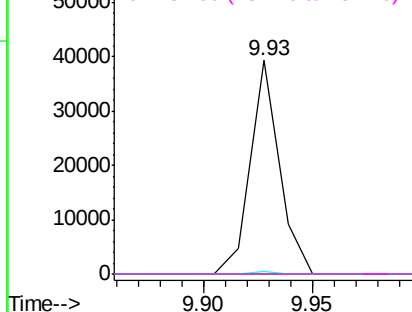
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

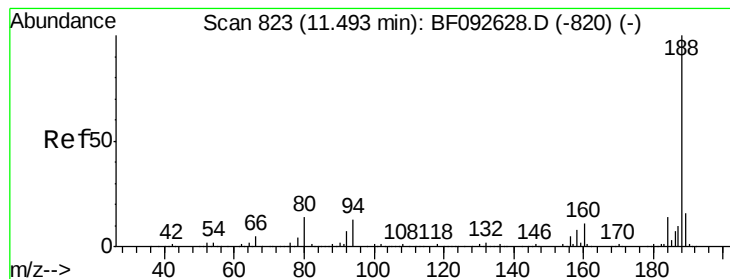


#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.27 min
 Lab File: BF092860.D
 Acq: 8 Feb 2017 18:29

Tgt Ion:165 Resp: 36476
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.2 60.4#
 89 1.3 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: BF092860.D

Acq: 8 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB96817BL

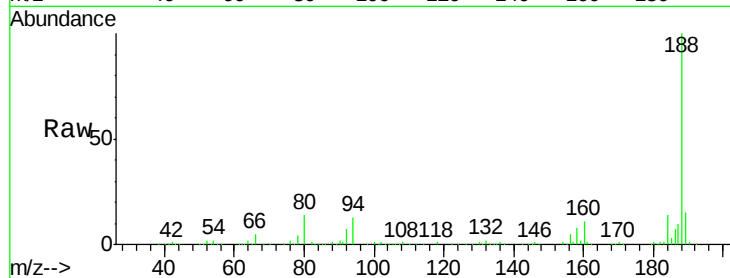
Tgt Ion:188 Resp: 491533

Ion Ratio Lower Upper

188 100

94 13.1 10.0 15.0

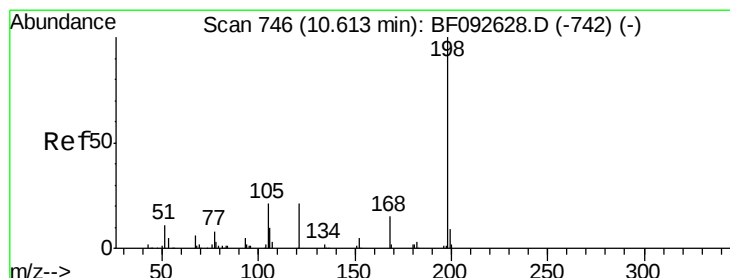
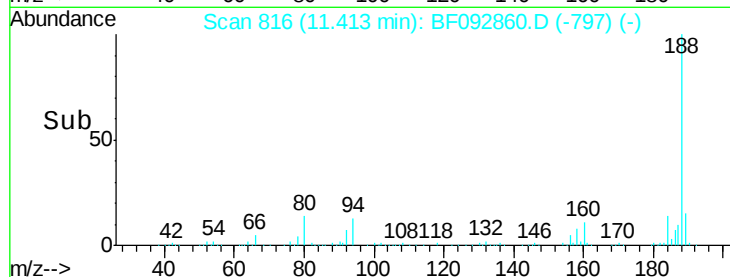
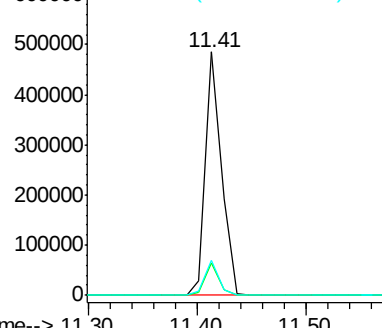
80 14.2 11.2 16.8



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: 2.91 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.10 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

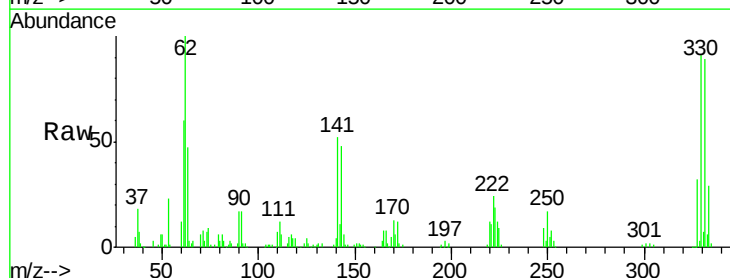
Tgt Ion:198 Resp: 749

Ion Ratio Lower Upper

198 100

51 225.4 6.7 46.7#

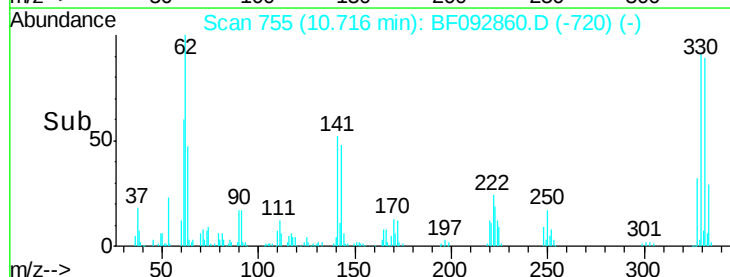
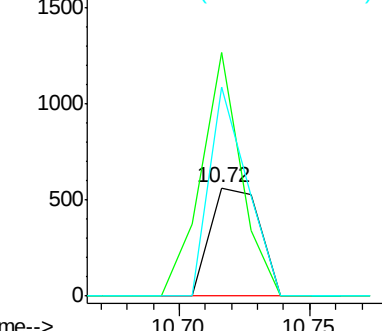
105 193.6 16.6 56.6#

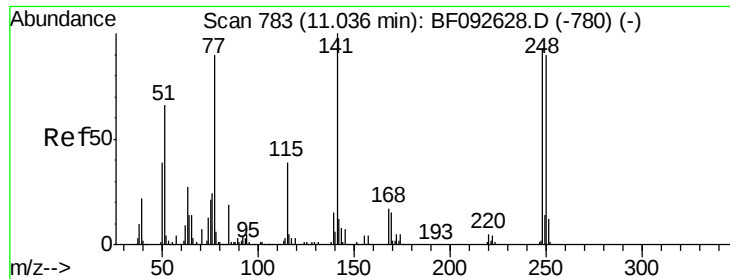


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

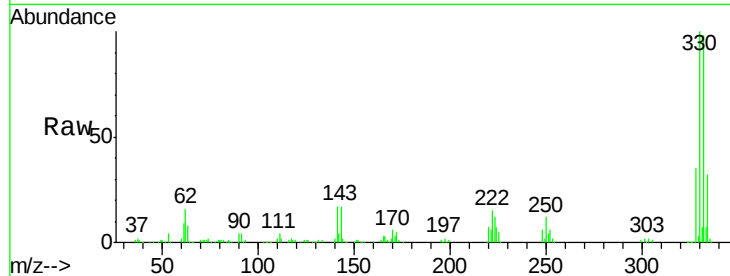




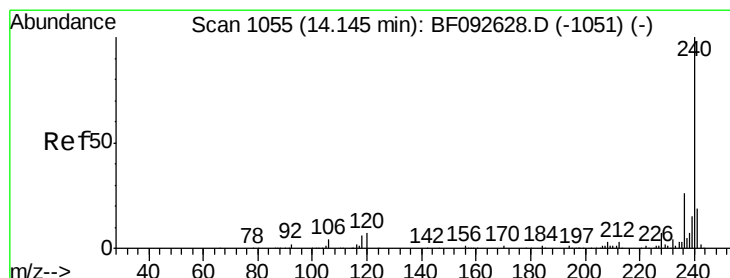
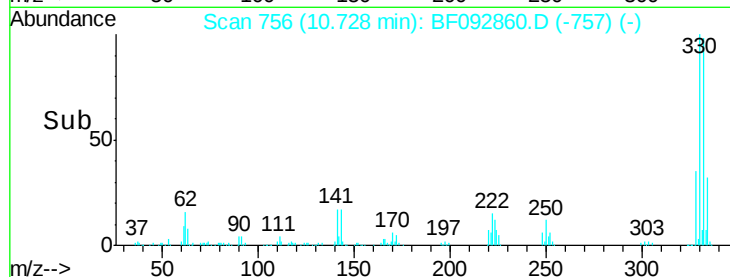
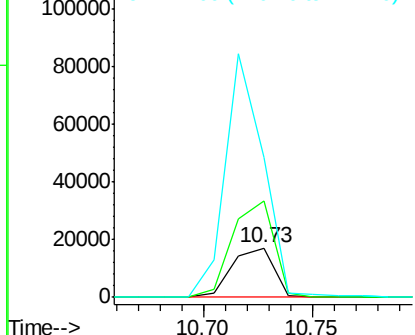
#66
 4-Bromophenyl-phenylether
 Concen: 4.49 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.31 min
 Lab File: BF092860.D
 Acq: 8 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampled :
 PB96817BL

Tgt Ion:248 Resp: 23059
 Ion Ratio Lower Upper
 248 100
 250 195.8 76.9 115.3#
 141 283.8 68.2 102.4#

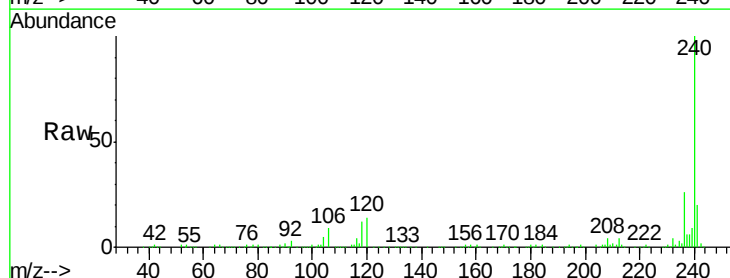


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

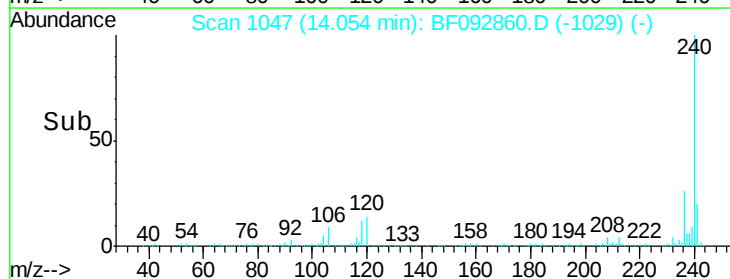
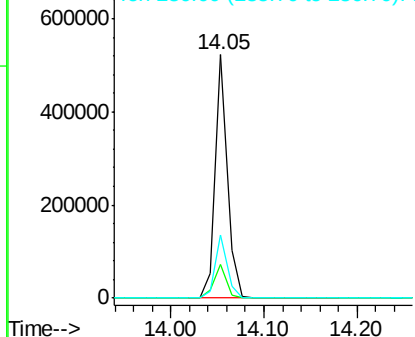


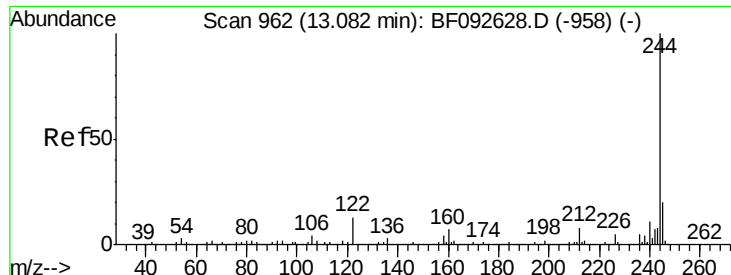
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.09 min
 Lab File: BF092860.D
 Acq: 8 Feb 2017 18:29

Tgt Ion:240 Resp: 469912
 Ion Ratio Lower Upper
 240 100
 120 13.7 12.9 19.3
 236 26.2 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

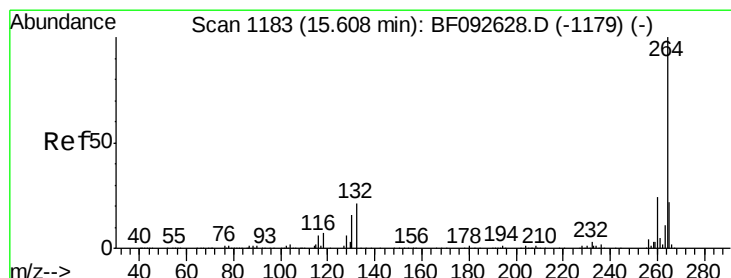
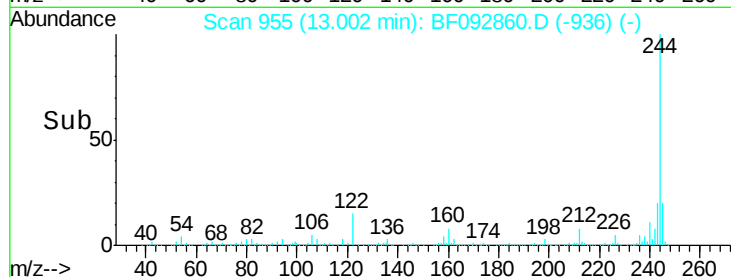
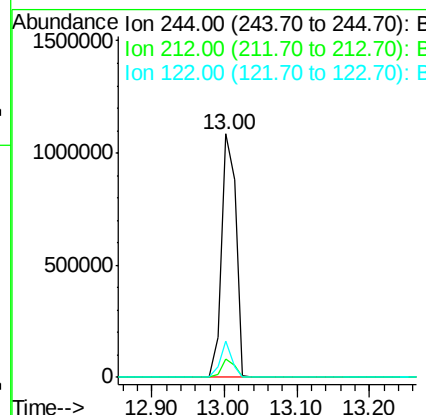
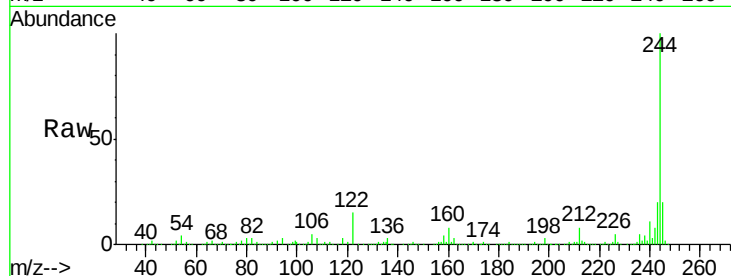




#78
 Terphenyl-d14
 Concen: 74.21 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.08 min
 Lab File: BF092860.D
 Acq: 8 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB96817BL

Tgt Ion:244 Resp: 1484126
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 15.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092860.D
 Acq: 8 Feb 2017 18:29

Tgt Ion:264 Resp: 418832
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.9 17.4 26.0

