

Data File : BF093105.D
Acq On : 23 Feb 2017 15:38
Operator : SJ/MA
Sample : PB97127BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97127BL

Quant Time: Feb 23 23:46:10 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152524	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	606804	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	299066	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	550076	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	530789	20.00	ng	-0.02
86) Perylene-d12	15.43	264	418513	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1179501	132.67	ng	-0.01
7) Phenol-d6	6.48	99	1576091	137.78	ng	-0.01
23) Nitrobenzene-d5	7.40	82	967195	88.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	328976	152.09	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1710534	103.62	ng	-0.01
78) Terphenyl-d14	12.95	244	1419993	62.86	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	127178	17.47	ng	# 83
25) Isophorone	7.40	82	890750	43.87	ng	# 65
50) 2,6-Dinitrotoluene	9.87	165	38531	8.86	ng	# 32
56) 2,4-Dinitrotoluene	9.87	165	38533	6.65	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.67	198	959	2.94	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	25311	4.40	ng	# 1

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

Data File : BF093105.D

Acq On : 23 Feb 2017 15:38

Operator : SJ/MA

Sample : PB97127BL

Misc :

ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB97127BL

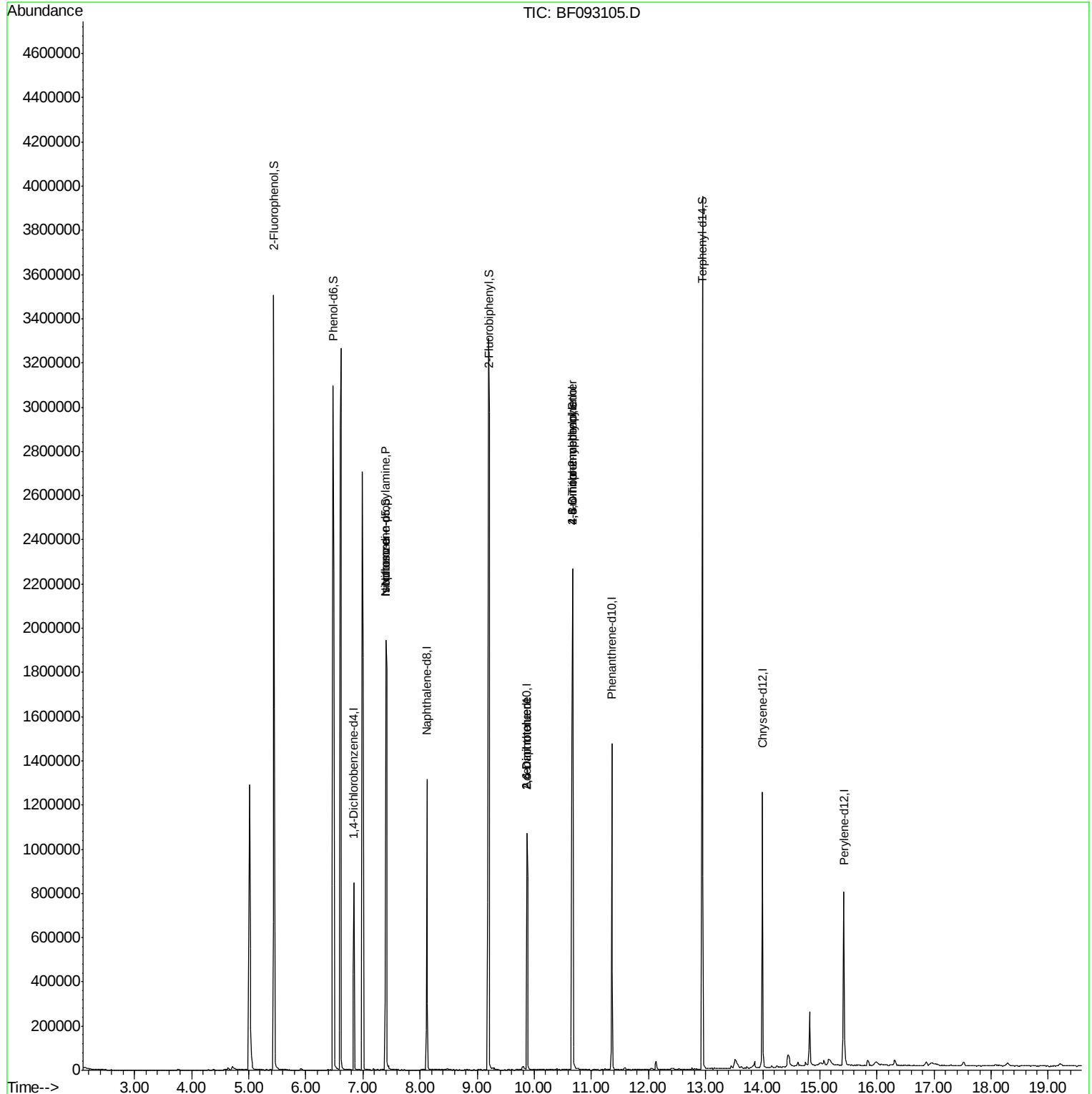
Quant Time: Feb 23 23:46:10 2017

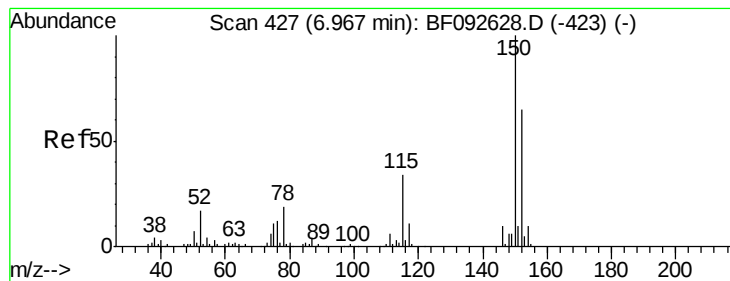
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration



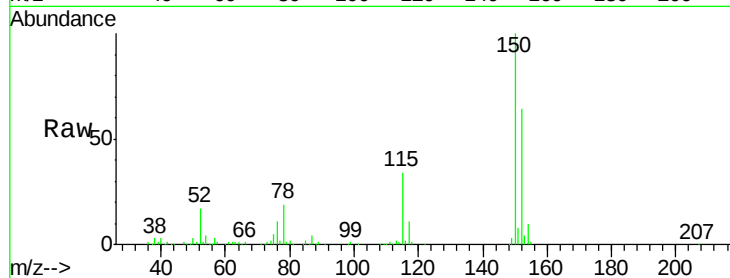


#1

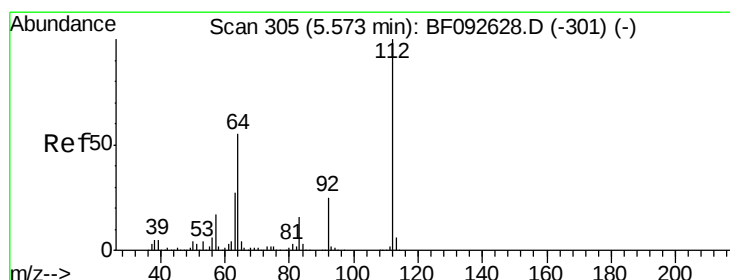
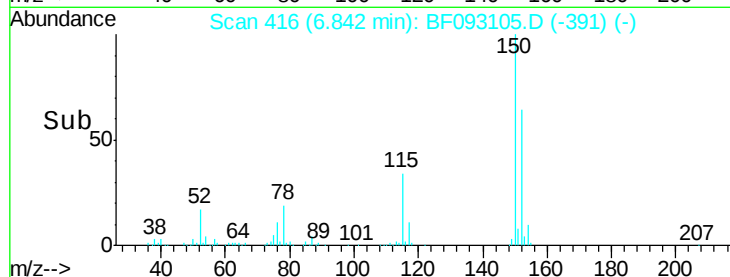
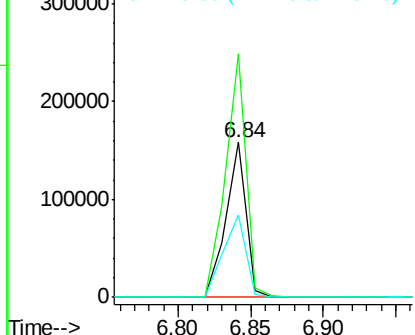
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BL

Tgt Ion:152 Resp: 152524
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.9 187.3
 115 52.9 46.0 69.0



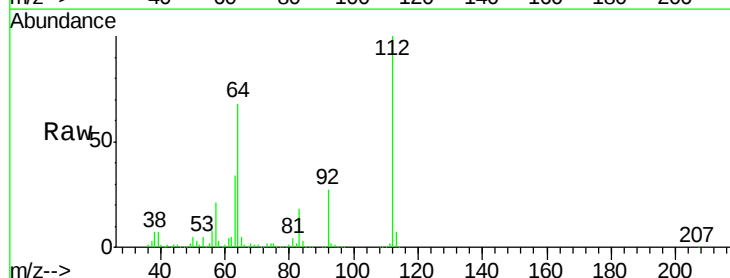
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



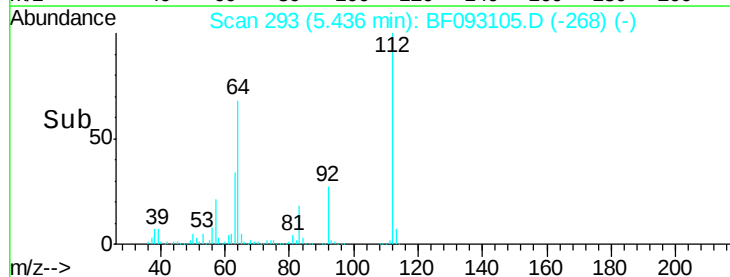
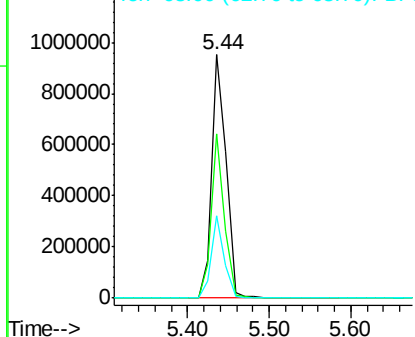
#5

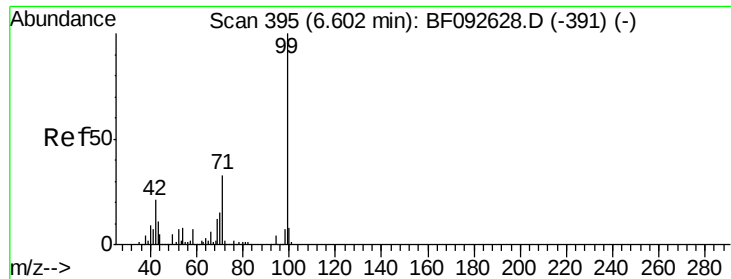
2-Fluorophenol
 Concen: 132.67 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

Tgt Ion:112 Resp: 1179501
 Ion Ratio Lower Upper
 112 100
 64 67.7 46.1 69.1
 63 33.9 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: 137.78 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

Instrument :

BNA_F

ClientSampleId :

PB97127BL

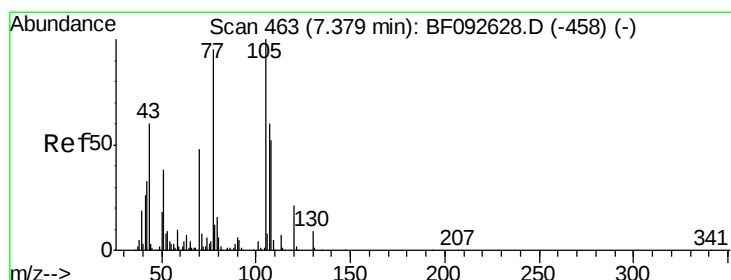
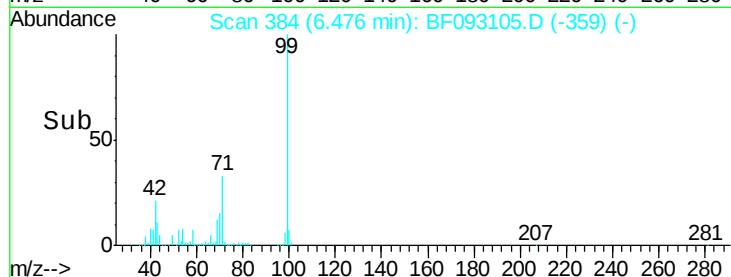
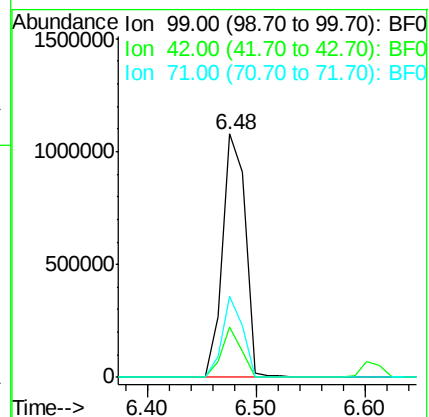
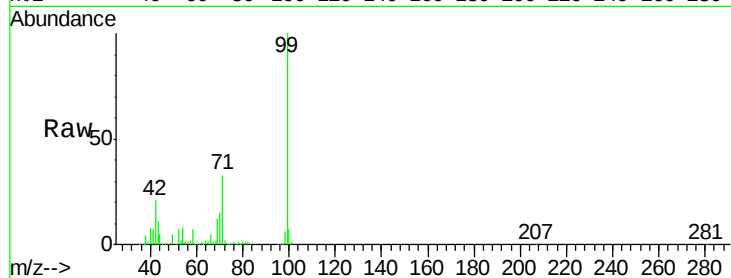
Tgt Ion: 99 Resp: 1576091

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

71 33.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.47 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

Tgt Ion: 70 Resp: 127178

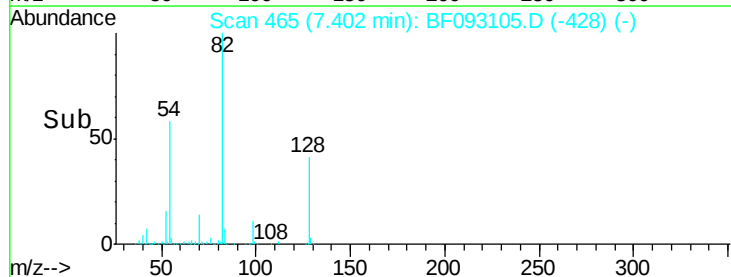
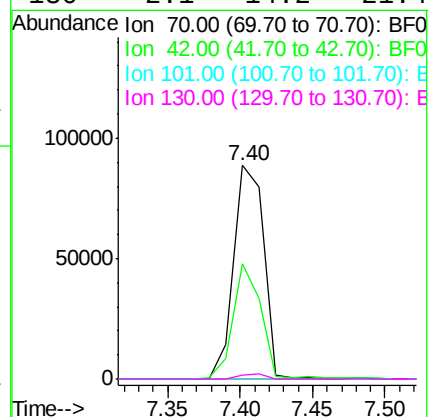
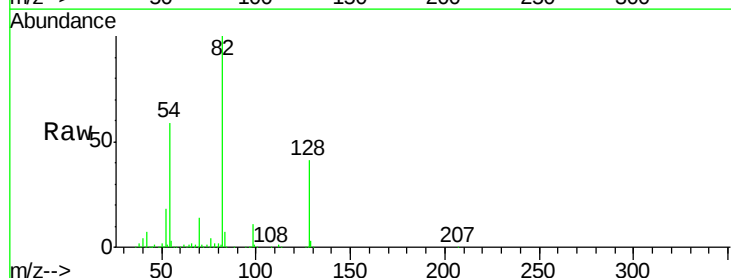
Ion Ratio Lower Upper

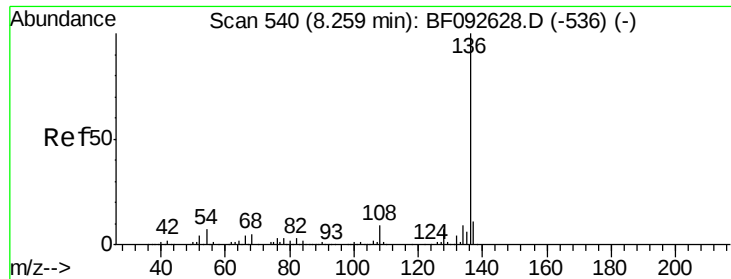
70 100

42 54.1 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

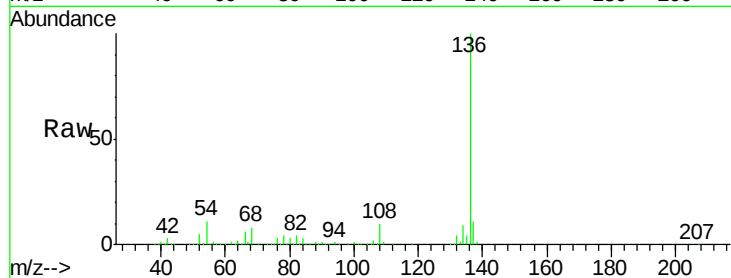




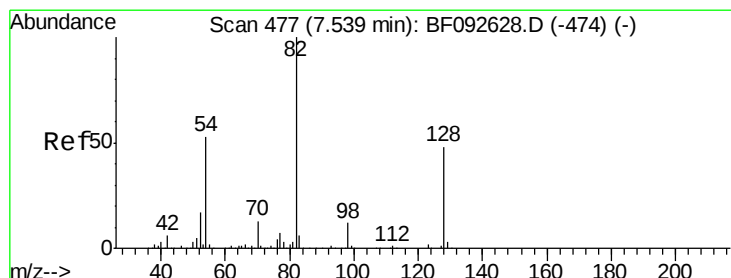
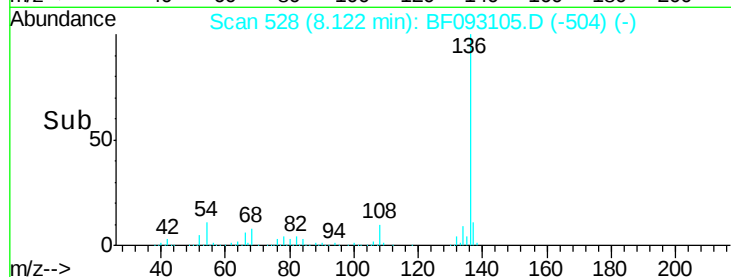
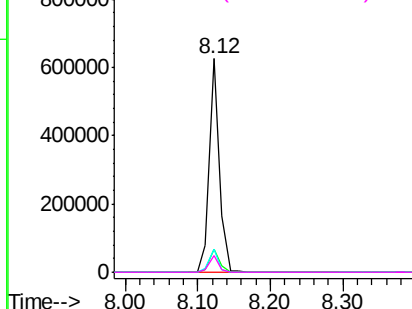
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093105.D
Acq: 23 Feb 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB97127BL

Tgt Ion:	136	Resp:	606804
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.9	4.5	6.7#
68	7.6	3.6	5.4#

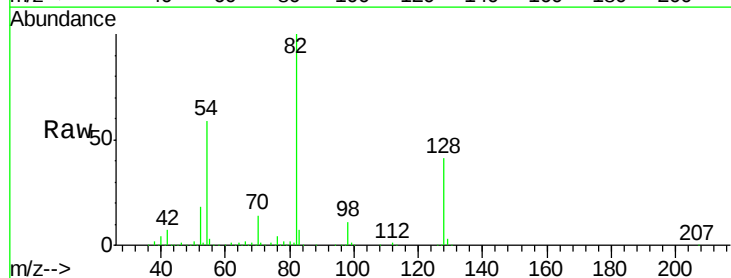


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

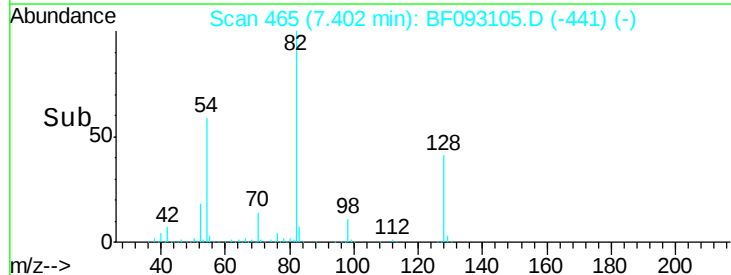
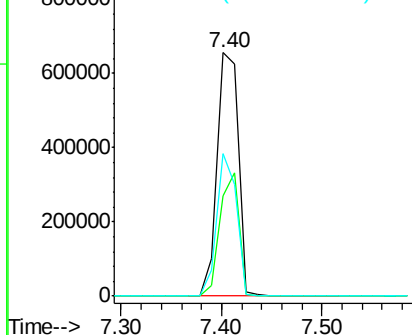


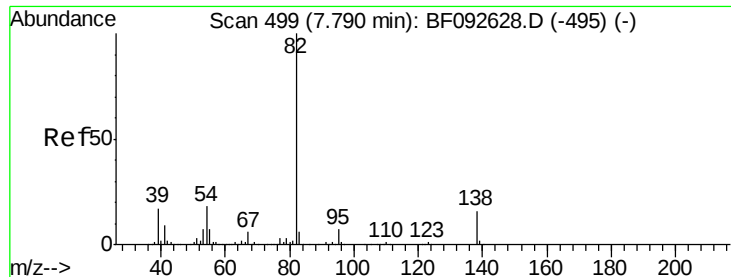
#23
Nitrobenzene-d5
Concen: 88.76 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093105.D
Acq: 23 Feb 2017 15:38

Tgt Ion:	82	Resp:	967195
Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	58.7	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: 43.87 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.29 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

Instrument :

BNA_F

ClientSampleId :

PB97127BL

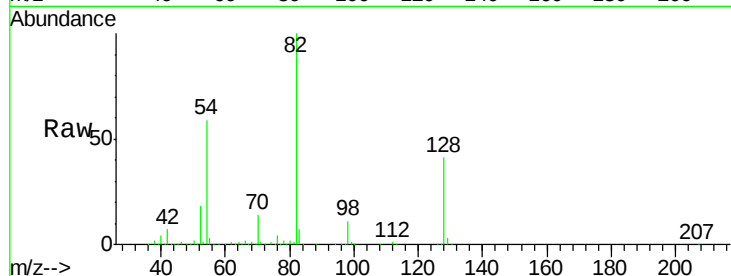
Tgt Ion: 82 Resp: 890750

Ion Ratio Lower Upper

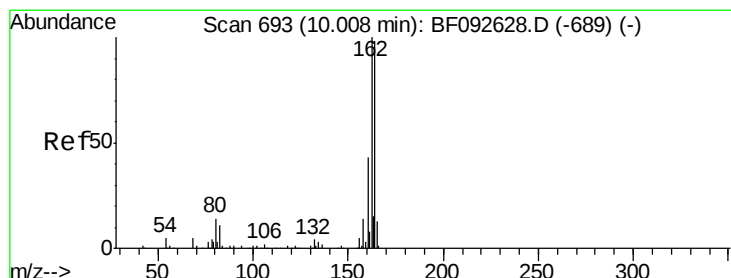
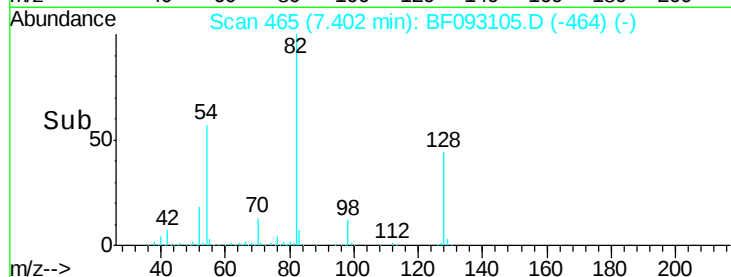
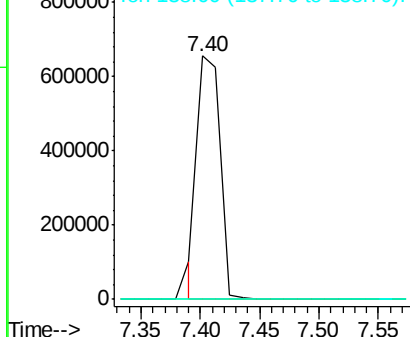
82 100

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: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

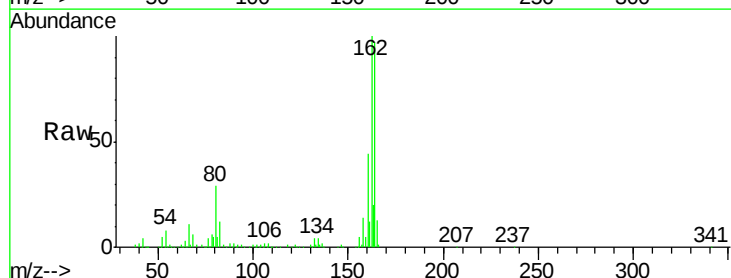
Tgt Ion: 164 Resp: 299066

Ion Ratio Lower Upper

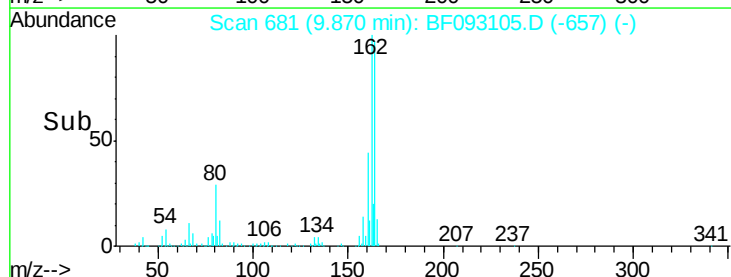
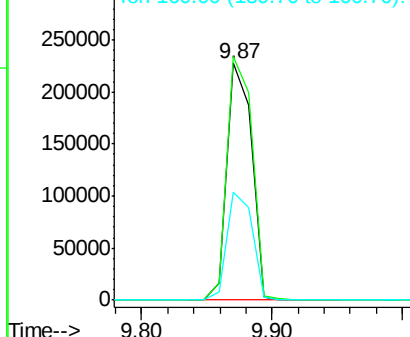
164 100

162 102.9 80.2 120.2

160 45.5 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

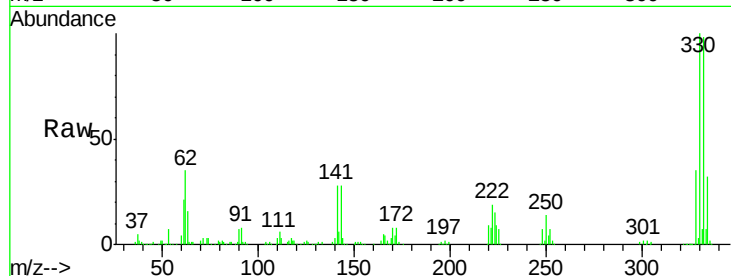




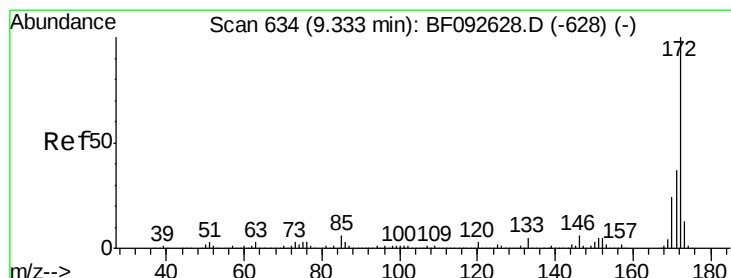
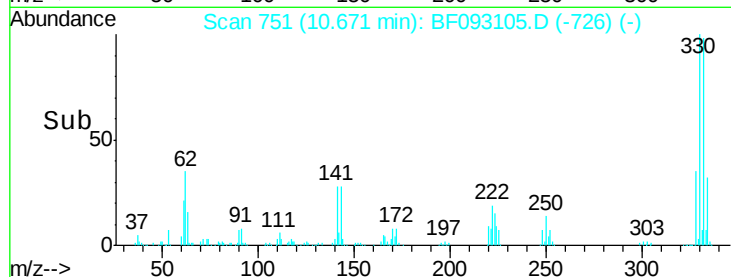
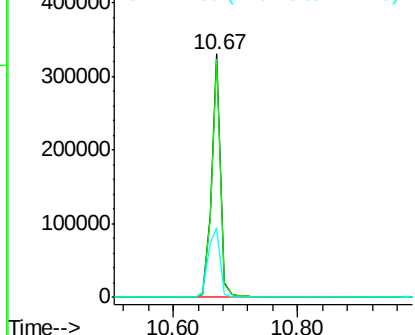
#41
 2,4,6-Tribromophenol
 Concen: 152.09 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BL

Tgt Ion:330 Resp: 328976
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 37.9 34.1 51.1

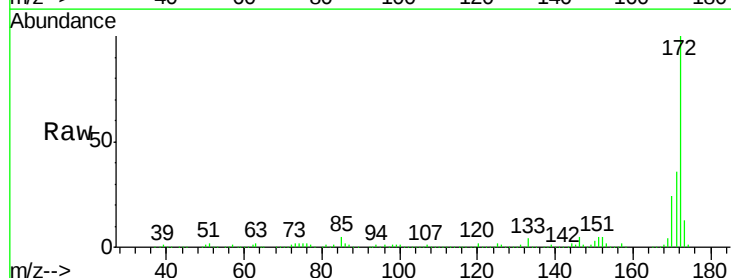


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

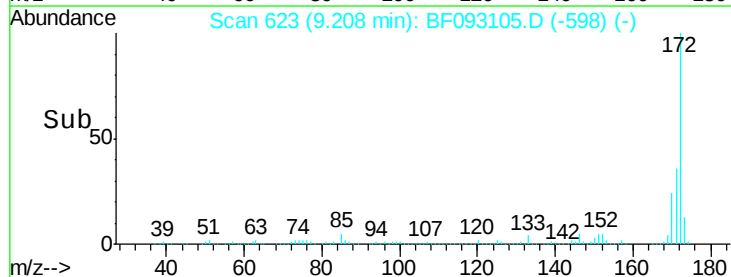
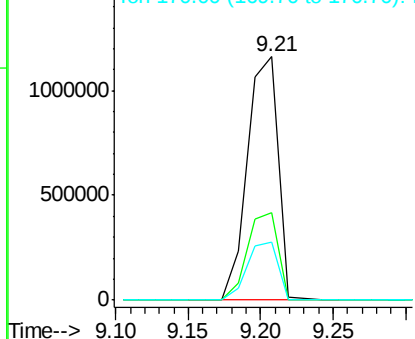


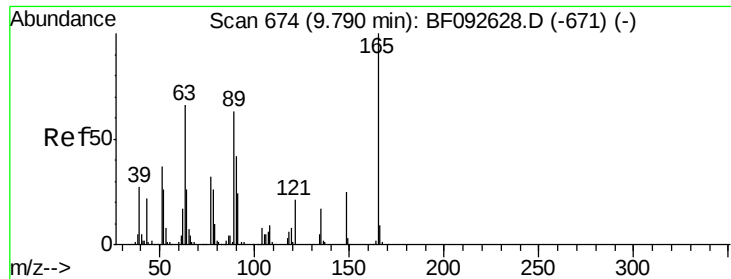
#44
 2-Fluorobiphenyl
 Concen: 103.62 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

Tgt Ion:172 Resp: 1710534
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 23.8 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

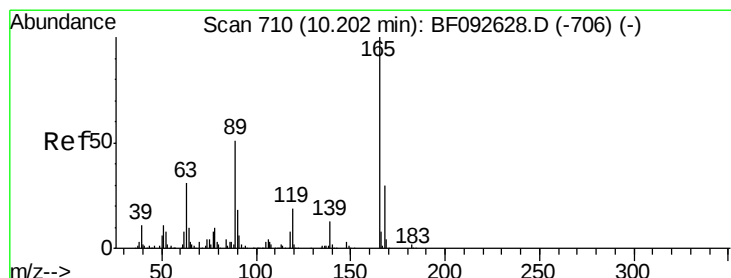
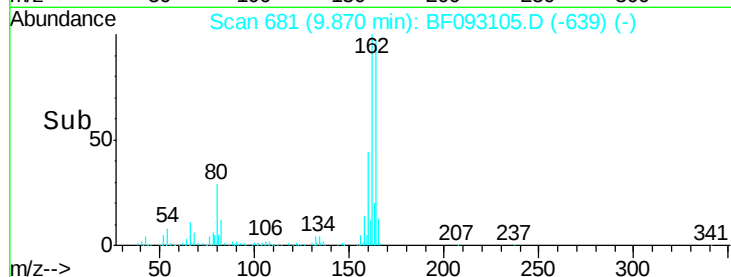
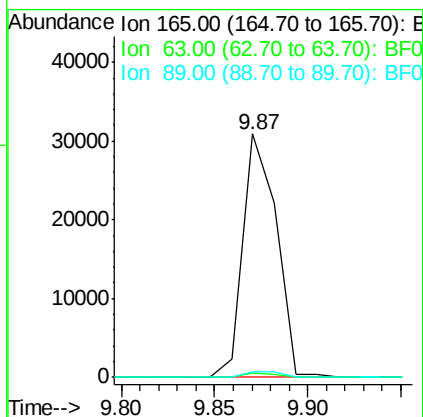
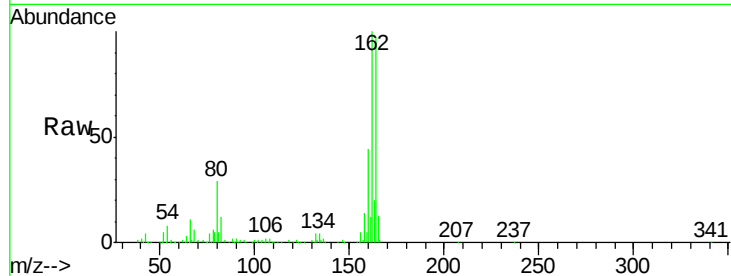




#50
 2,6-Dinitrotoluene
 Concen: 8.86 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.18 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

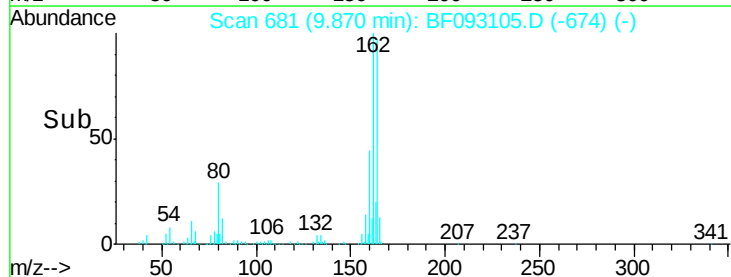
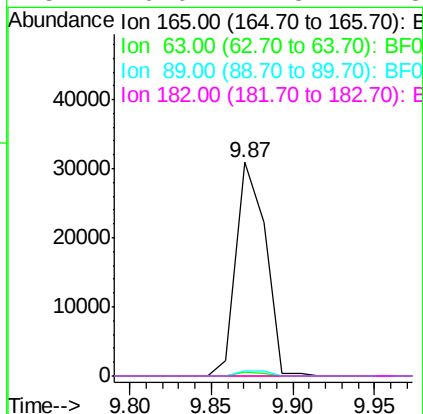
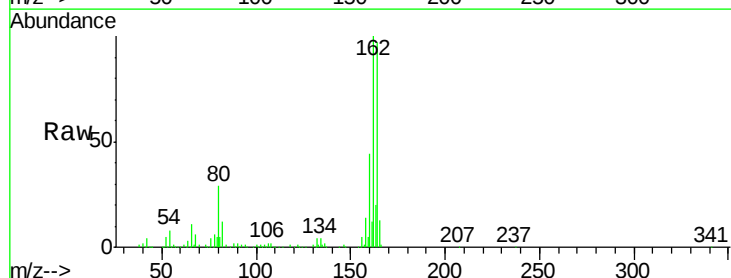
Instrument :
 BNA_F
 ClientSampleId :
 PB97127BL

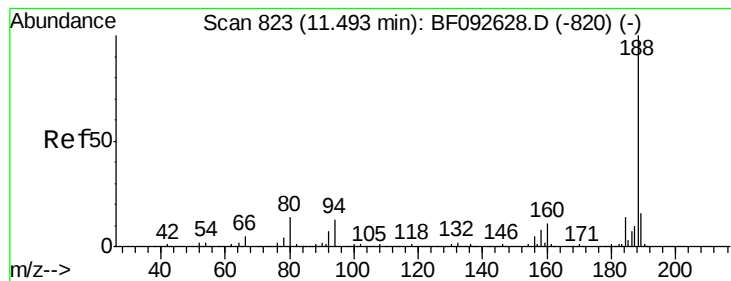
Tgt Ion:165 Resp: 38531
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.2 54.4#
 89 2.4 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

Tgt Ion:165 Resp: 38533
 Ion Ratio Lower Upper
 165 100
 63 1.6 40.2 60.4#
 89 2.4 62.5 93.7#
 182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

Instrument :

BNA_F

ClientSampleId :

PB97127BL

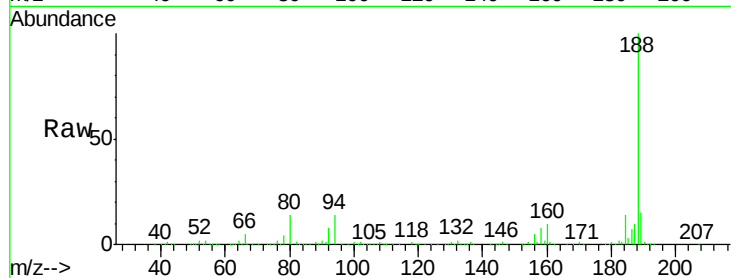
Tgt Ion:188 Resp: 550076

Ion Ratio Lower Upper

188 100

94 13.7 10.0 15.0

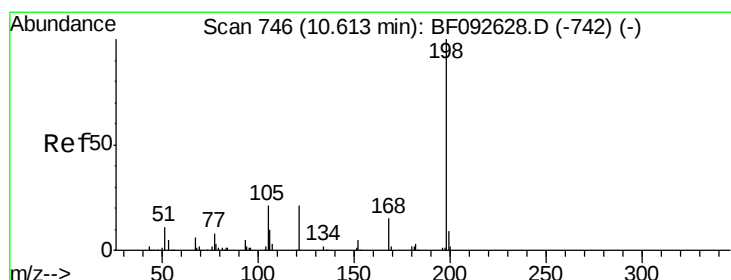
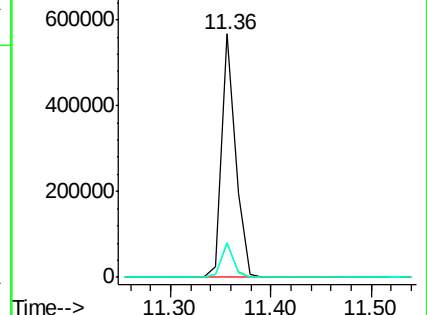
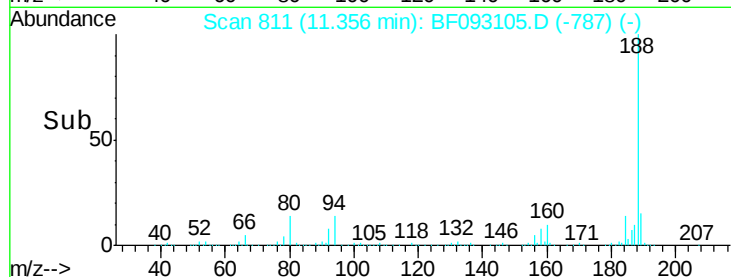
80 14.4 11.2 16.8



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: 2.94 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.17 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

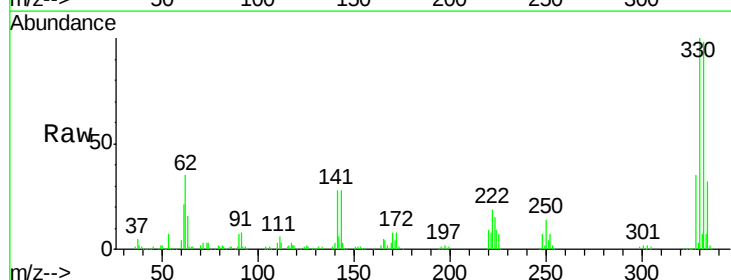
Tgt Ion:198 Resp: 959

Ion Ratio Lower Upper

198 100

51 97.9 6.7 46.7#

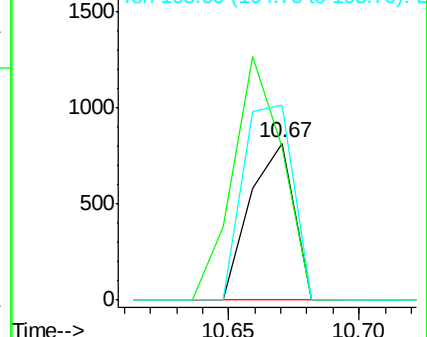
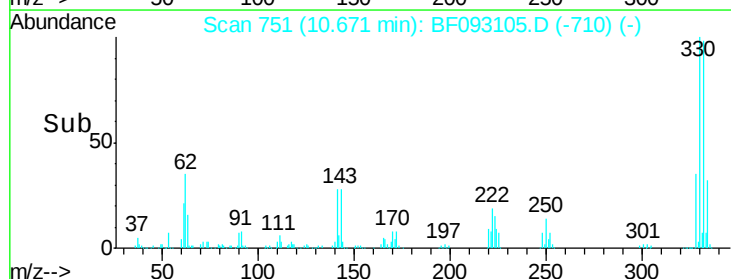
105 124.7 16.6 56.6#

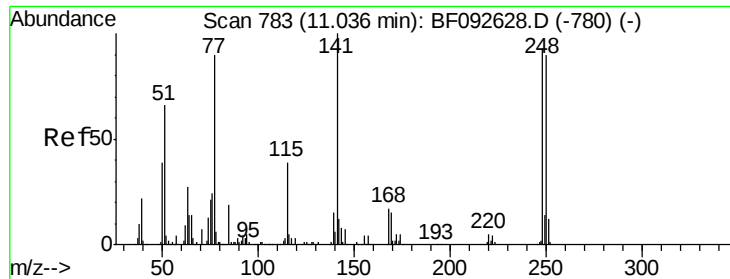


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.40 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

Instrument :

BNA_F

ClientSampleId :

PB97127BL

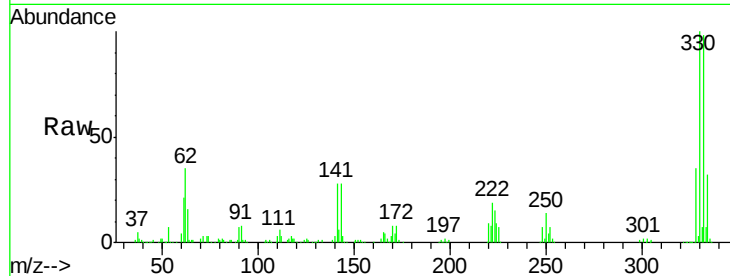
Tgt Ion:248 Resp: 25311

Ion Ratio Lower Upper

248 100

250 200.2 76.9 115.3#

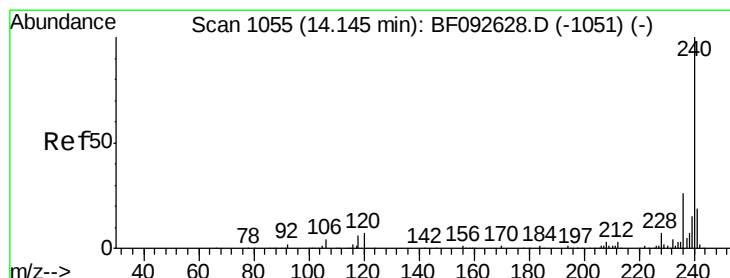
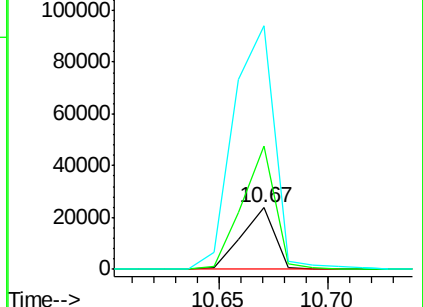
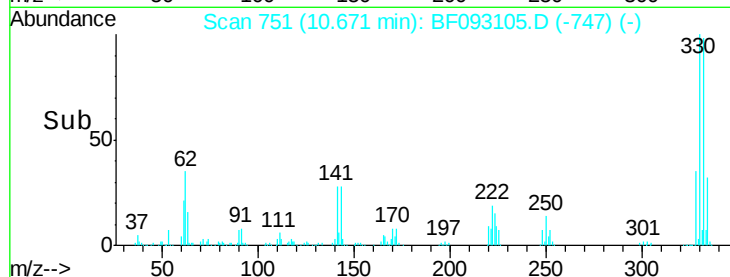
141 394.8 68.2 102.4#



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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

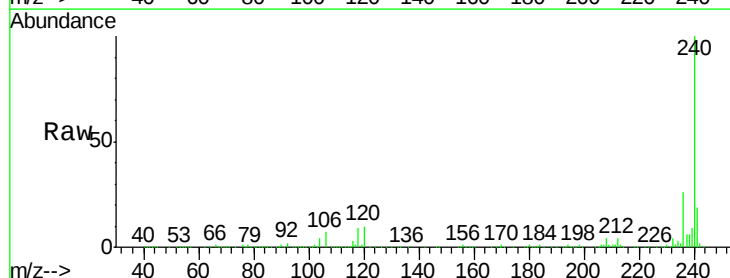
Tgt Ion:240 Resp: 530789

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

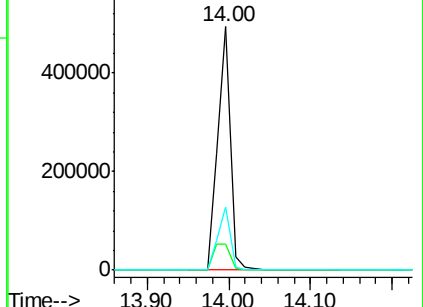
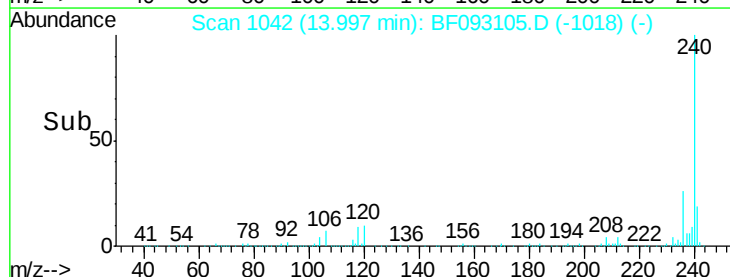
236 26.0 20.9 31.3

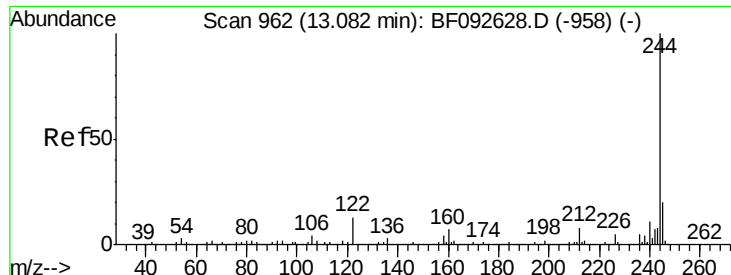


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

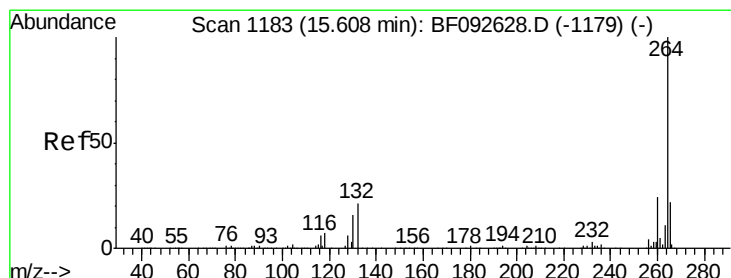
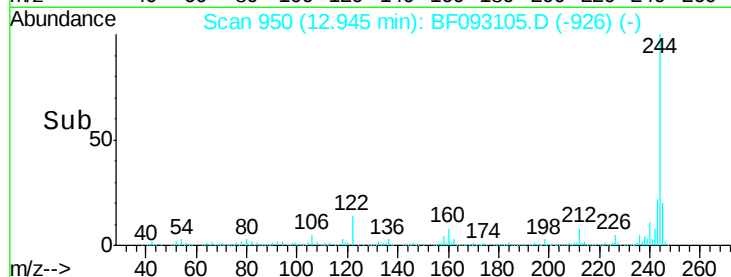
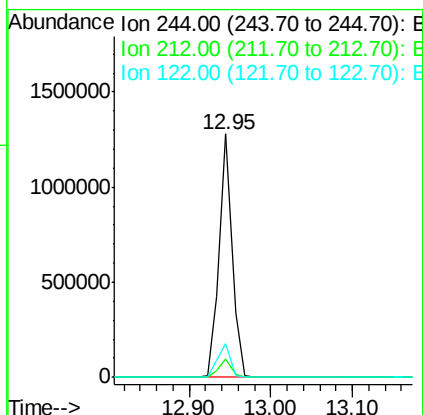
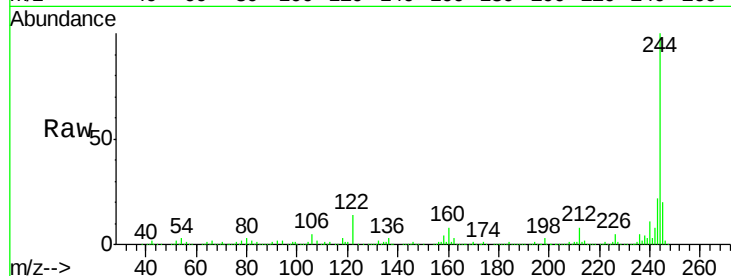




#78
 Terphenyl-d14
 Concen: 62.86 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BL

Tgt Ion:244 Resp: 1419993
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 13.7 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

Tgt Ion:264 Resp: 418513
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.2 17.4 26.0

