

Data File : BF093148.D
Acq On : 24 Feb 2017 16:51
Operator : SJ/MA
Sample : PB97158BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97158BL

Quant Time: Feb 24 22:04:44 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	6.83	152	147560	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	573128	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	276352	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	514494	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	470848	20.00	ng	-0.02
86) Perylene-d12	15.43	264	395203	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1203169	139.89	ng	-0.01
7) Phenol-d6	6.48	99	1496317	135.21	ng	-0.01
23) Nitrobenzene-d5	7.40	82	853113	82.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	297875	149.03	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1625213	106.54	ng	-0.01
78) Terphenyl-d14	12.96	244	1553115	77.50	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	114449	16.25	ng	# 81
25) Isophorone	7.40	82	660134	34.42	ng	# 65
50) 2,6-Dinitrotoluene	9.88	165	34892	8.68	ng	# 32
56) 2,4-Dinitrotoluene	9.88	165	34892	6.52	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.67	198	900	2.94	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	24172	4.50	ng	# 1

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

Data File : BF093148.D

Acq On : 24 Feb 2017 16:51

Operator : SJ/MA

Sample : PB97158BL

Misc :

ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB97158BL

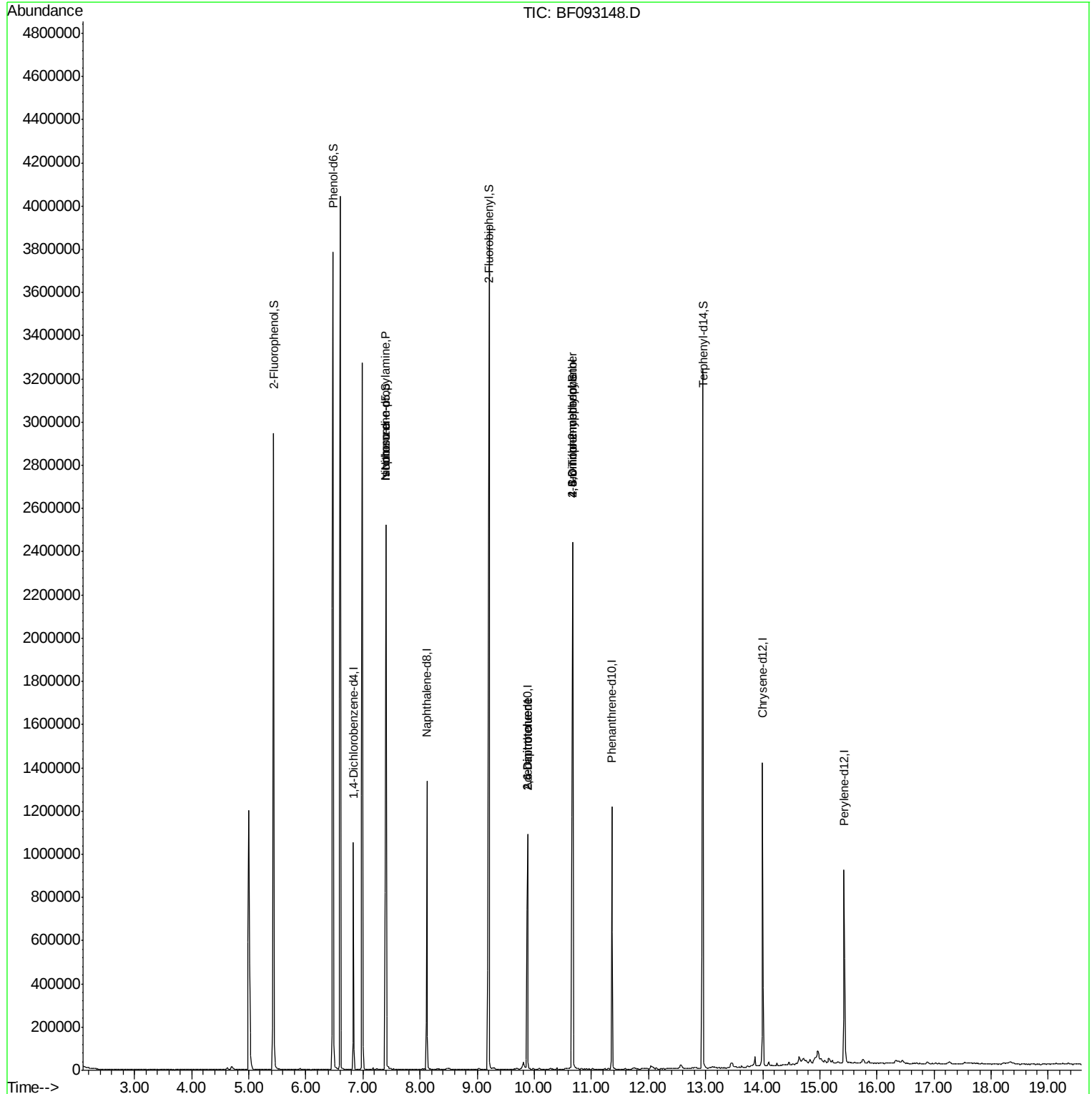
Quant Time: Feb 24 22:04:44 2017

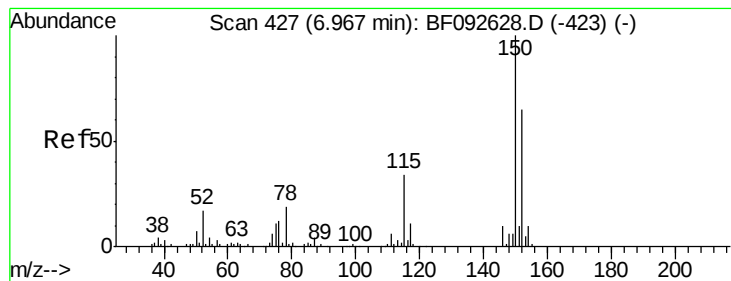
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

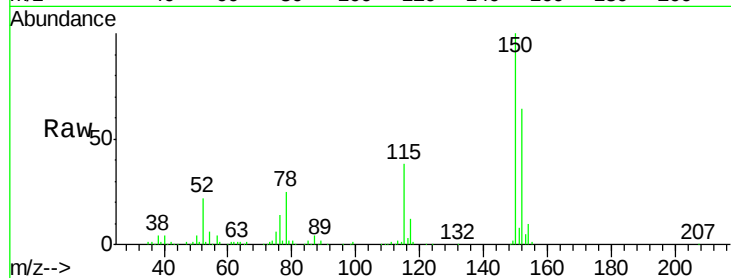




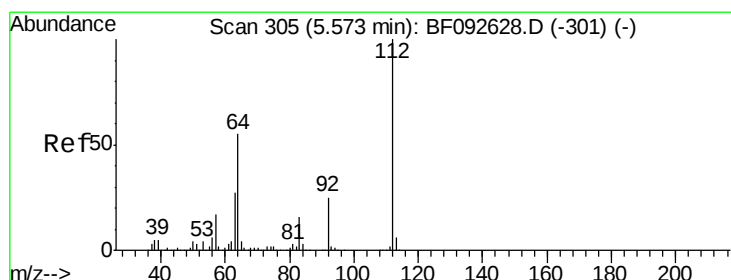
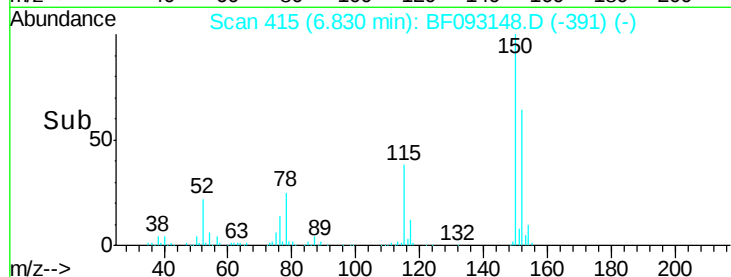
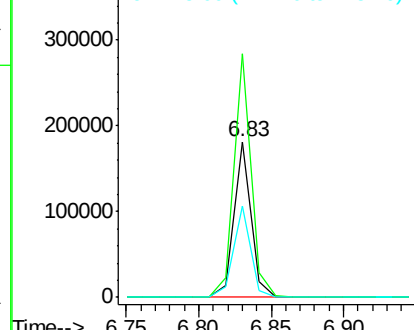
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BL

Tgt Ion:152 Resp: 147560
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.9 187.3
 115 59.1 46.0 69.0

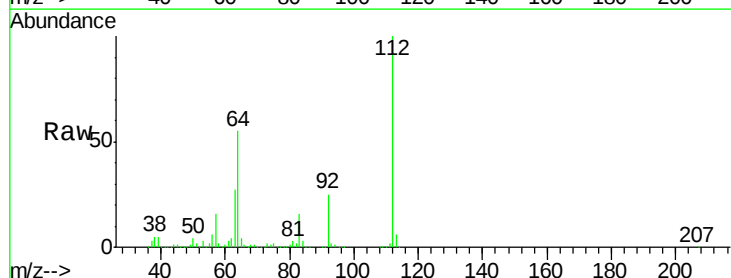


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

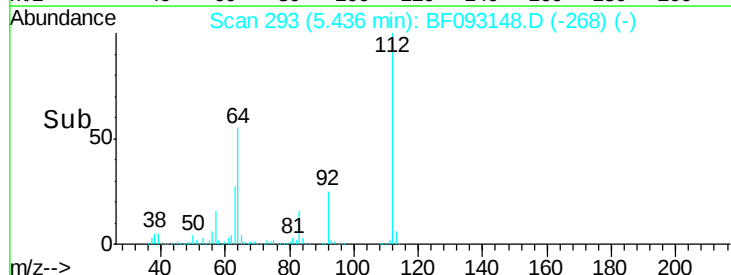
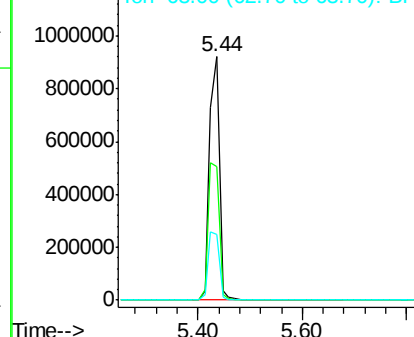


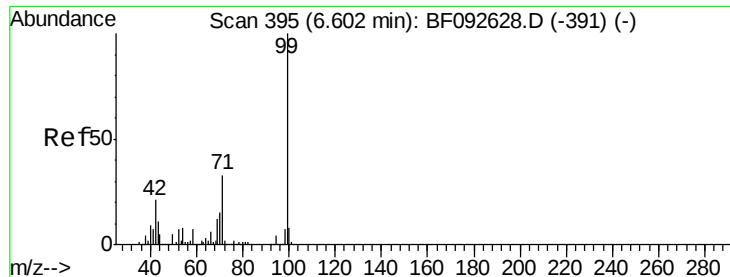
#5
 2-Fluorophenol
 Concen: 139.89 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Tgt Ion:112 Resp: 1203169
 Ion Ratio Lower Upper
 112 100
 64 54.6 46.1 69.1
 63 27.2 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: 135.21 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97158BL

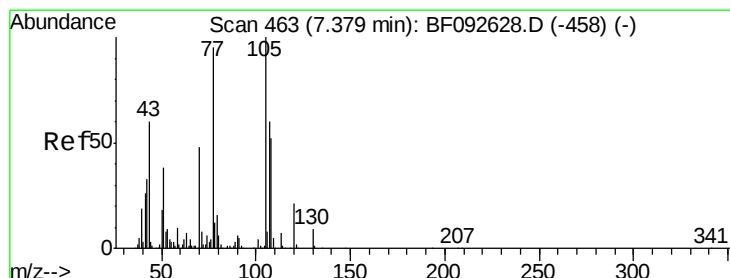
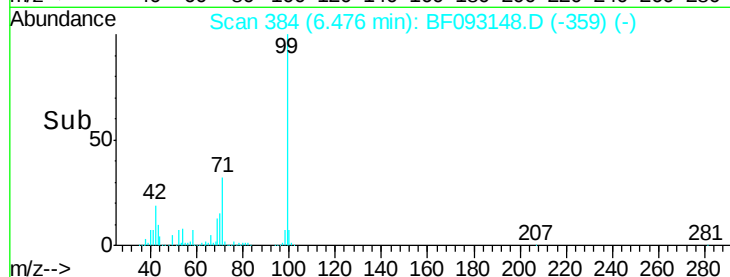
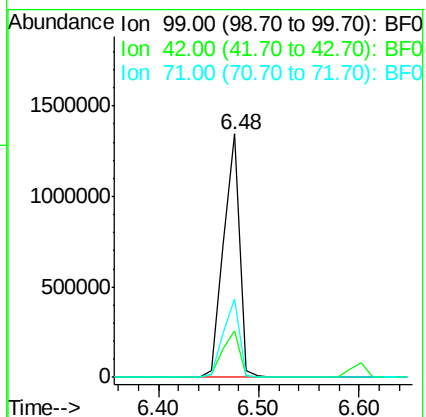
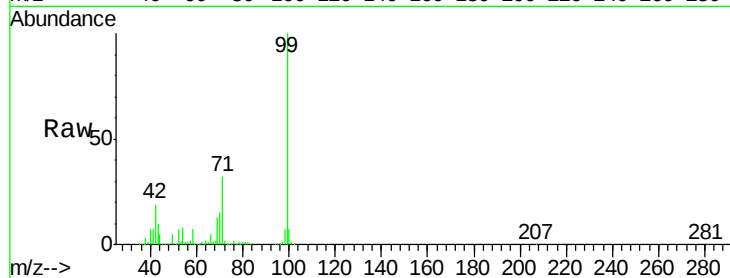
Tgt Ion: 99 Resp: 1496317

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 32.4 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.25 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

Tgt Ion: 70 Resp: 114449

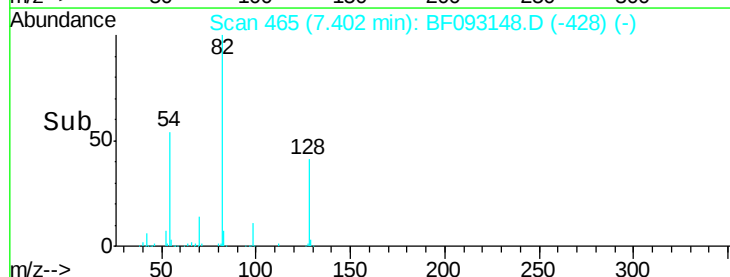
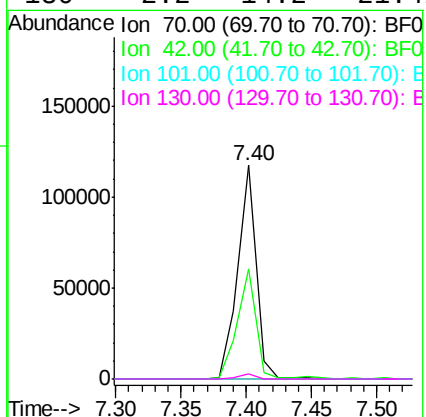
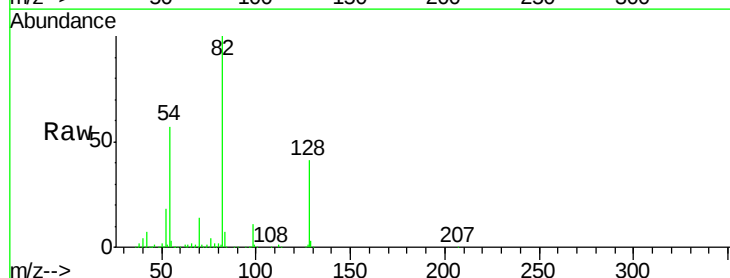
Ion Ratio Lower Upper

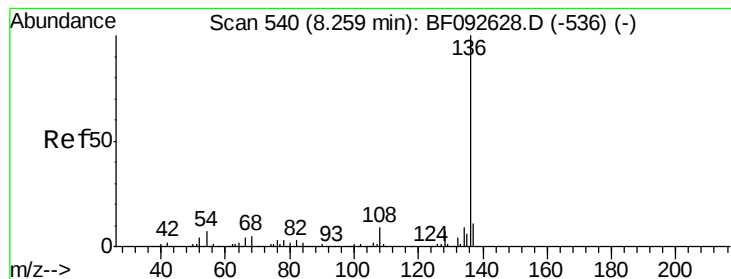
70 100

42 51.3 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 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: BF093148.D

Acq: 24 Feb 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97158BL

Tgt Ion:136 Resp: 573128

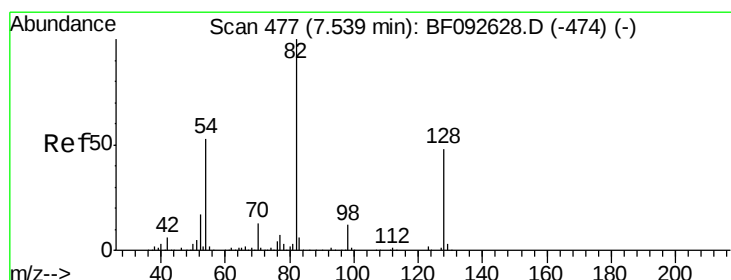
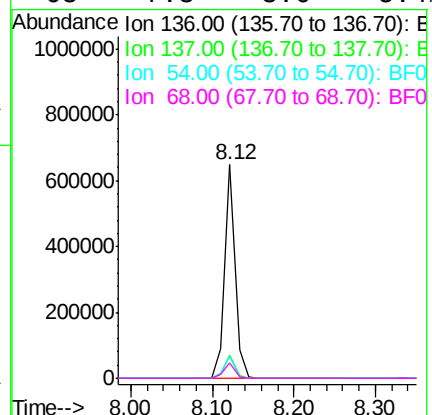
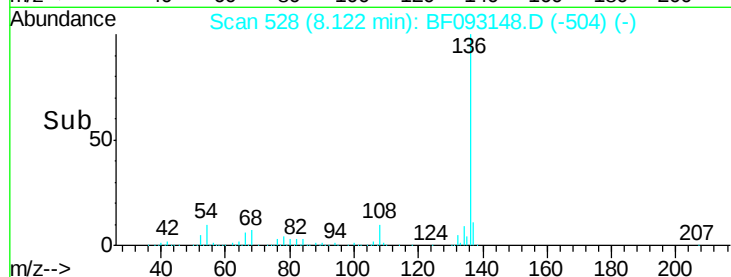
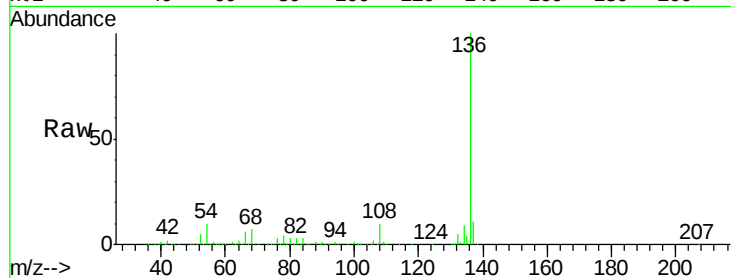
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.3 4.5 6.7#

68 7.3 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 82.89 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

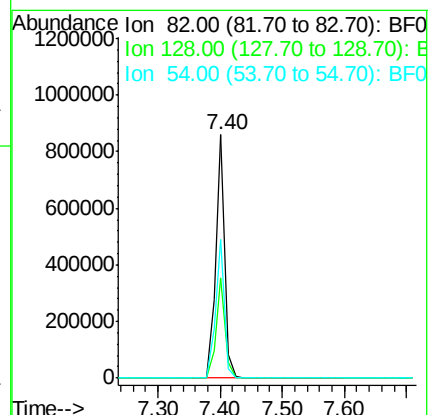
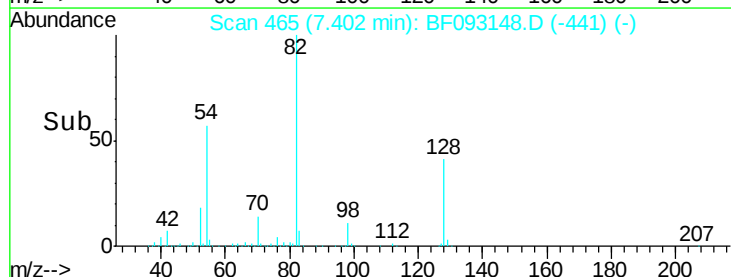
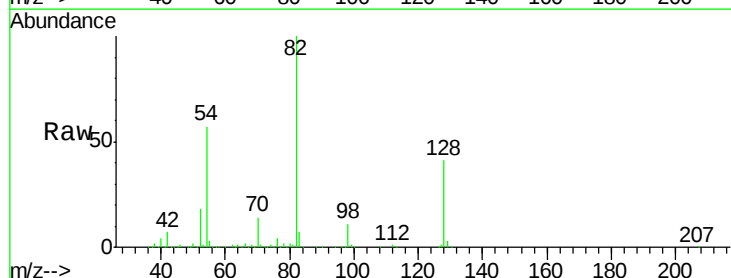
Tgt Ion: 82 Resp: 853113

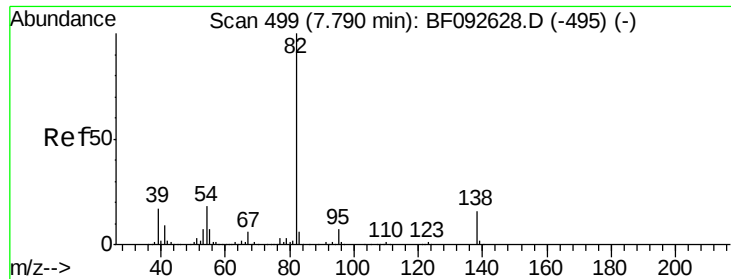
Ion Ratio Lower Upper

82 100

128 41.0 34.6 52.0

54 56.9 39.5 59.3





#25

Isophorone

Concen: 34.42 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.29 min

Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97158BL

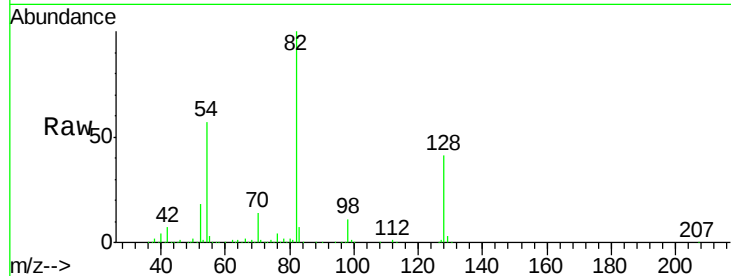
Tgt Ion: 82 Resp: 660134

Ion Ratio Lower Upper

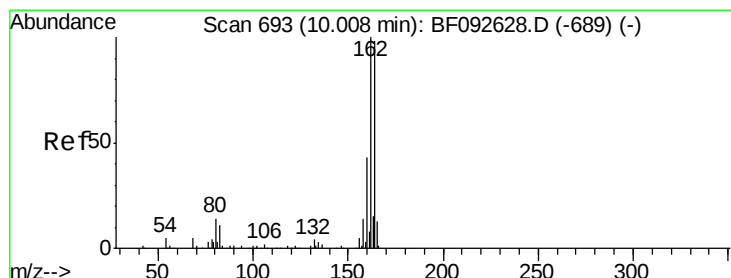
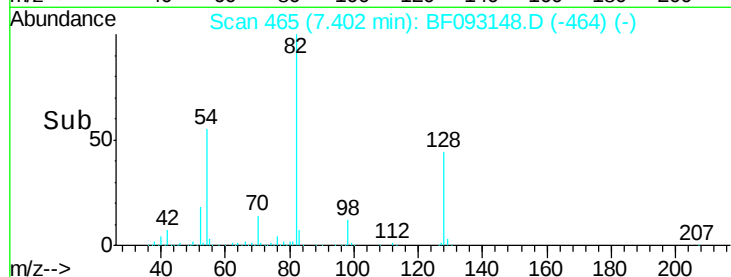
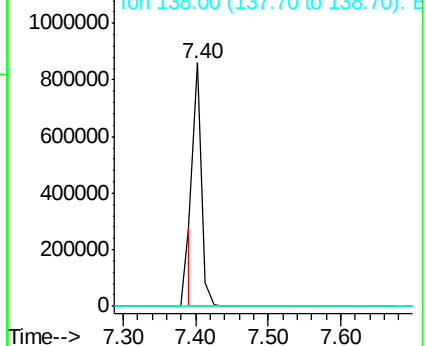
82 100

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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

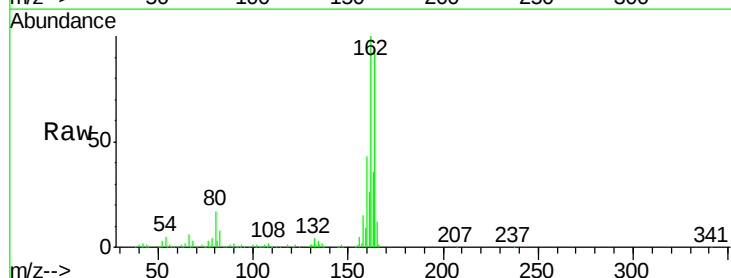
Tgt Ion: 164 Resp: 276352

Ion Ratio Lower Upper

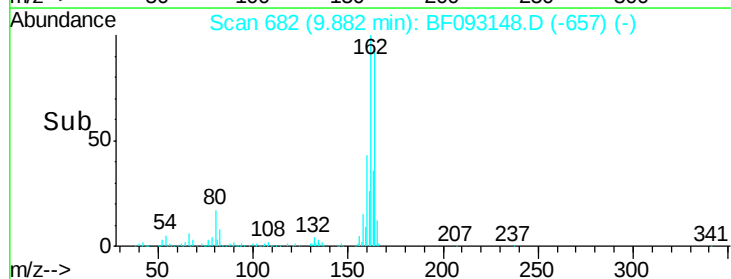
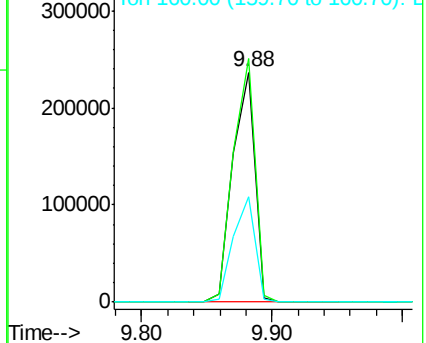
164 100

162 105.9 80.2 120.2

160 46.0 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

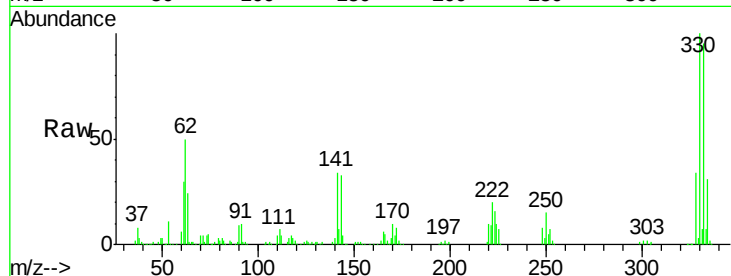




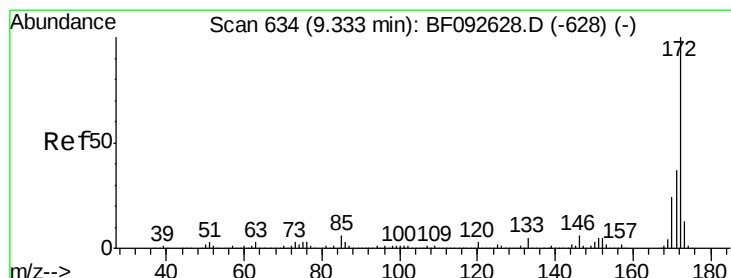
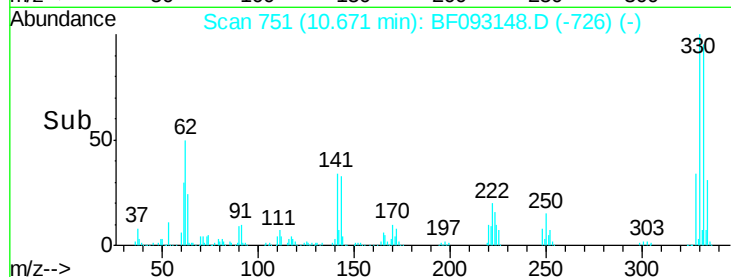
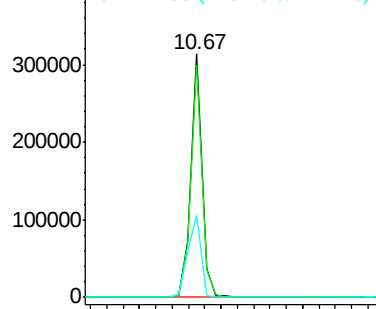
#41
 2,4,6-Tribromophenol
 Concen: 149.03 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BL

Tgt Ion:330 Resp: 297875
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 40.0 34.1 51.1

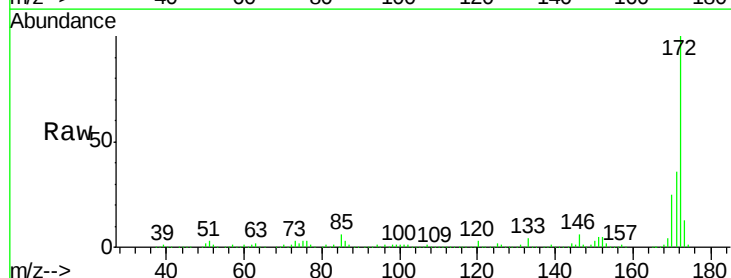


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

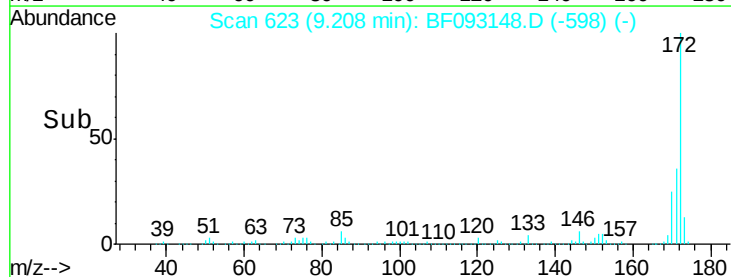
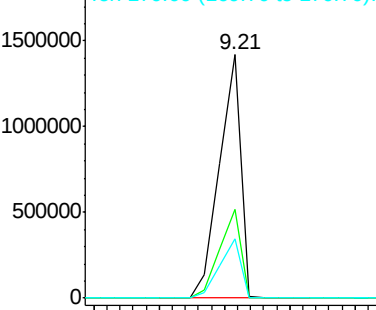


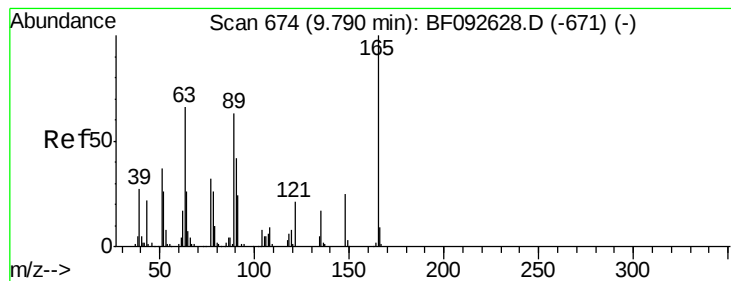
#44
 2-Fluorobiphenyl
 Concen: 106.54 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Tgt Ion:172 Resp: 1625213
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.6 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: 8.68 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.19 min

Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97158BL

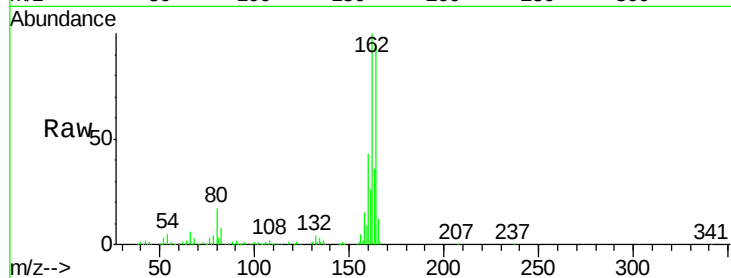
Tgt Ion:165 Resp: 34892

Ion Ratio Lower Upper

165 100

63 1.9 36.2 54.4#

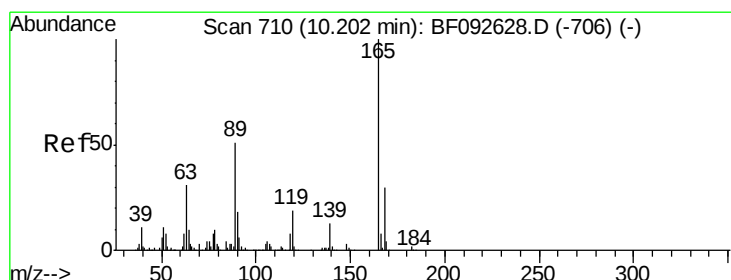
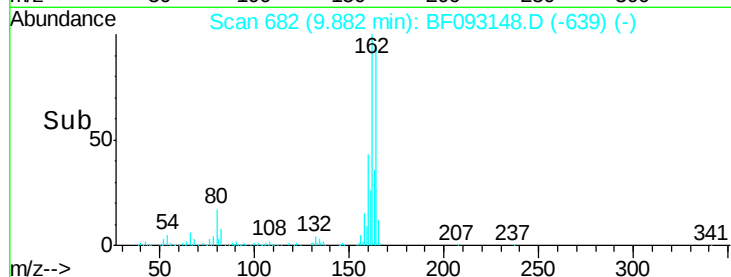
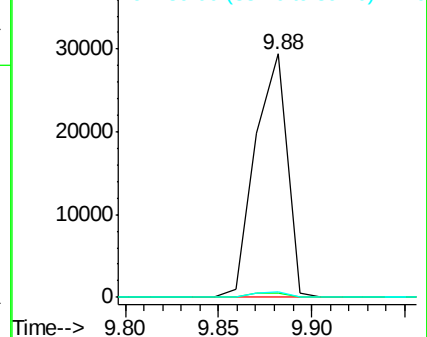
89 2.1 40.2 60.4#



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: 6.52 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.21 min

Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

Tgt Ion:165 Resp: 34892

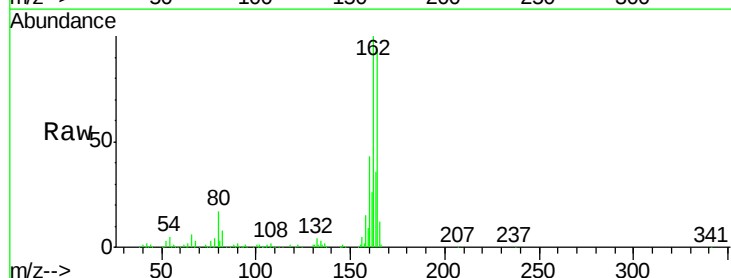
Ion Ratio Lower Upper

165 100

63 1.9 40.2 60.4#

89 2.1 62.5 93.7#

182 0.0 1.8 2.8#

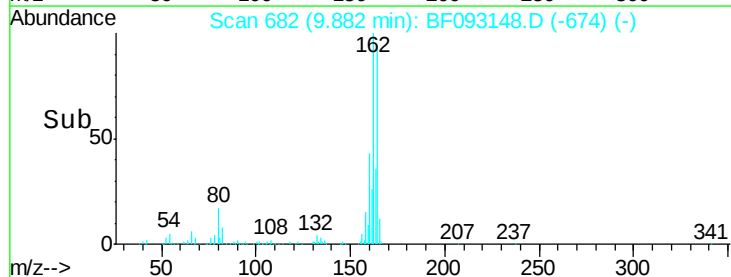
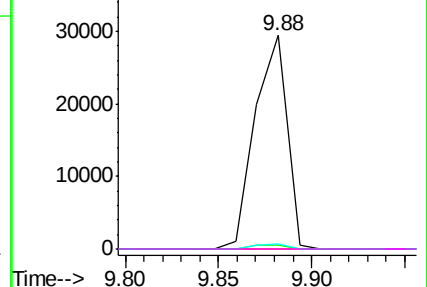


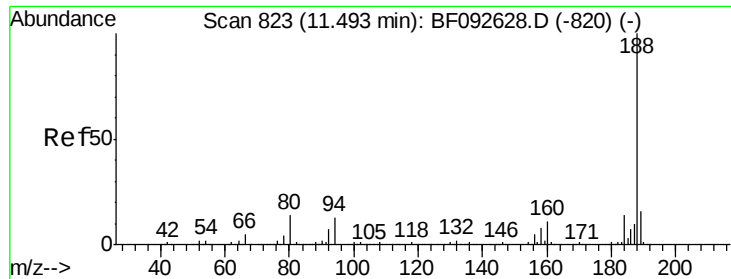
Abundance Ion 165.00 (164.70 to 165.70): E

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

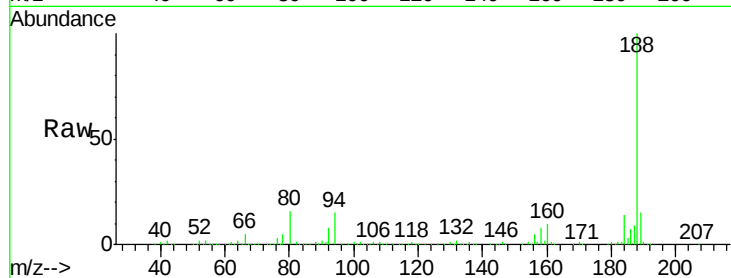




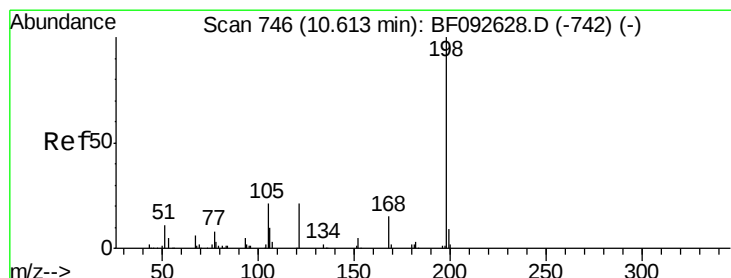
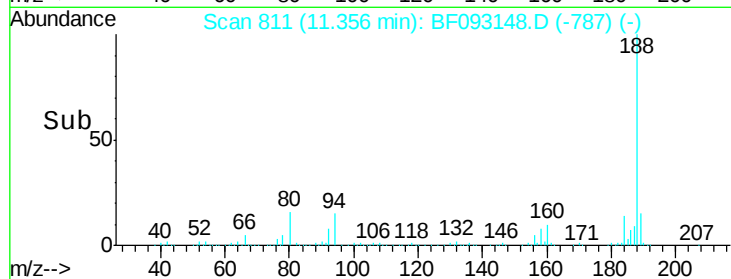
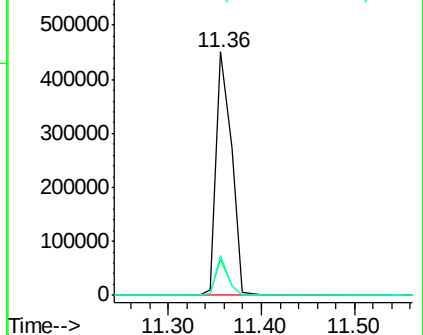
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BL

Tgt Ion:188 Resp: 514494
 Ion Ratio Lower Upper
 188 100
 94 14.9 10.0 15.0
 80 16.4 11.2 16.8

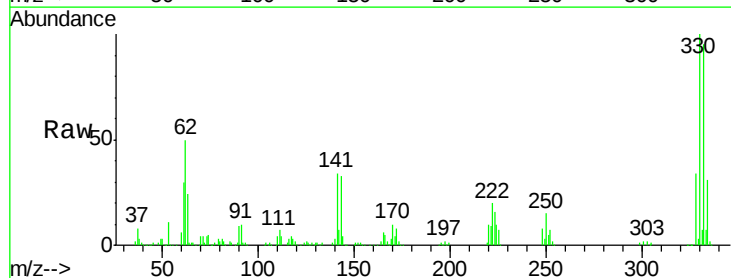


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

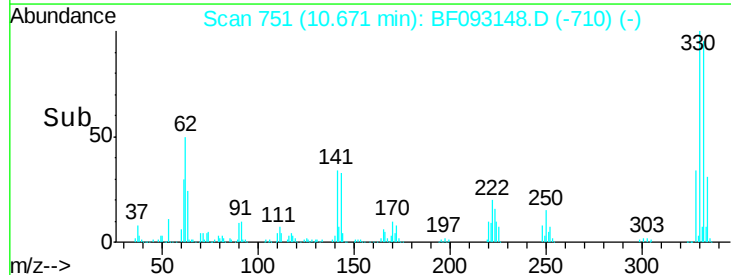
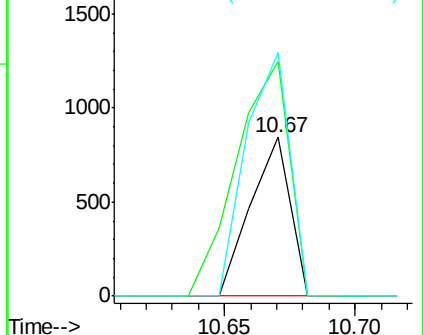


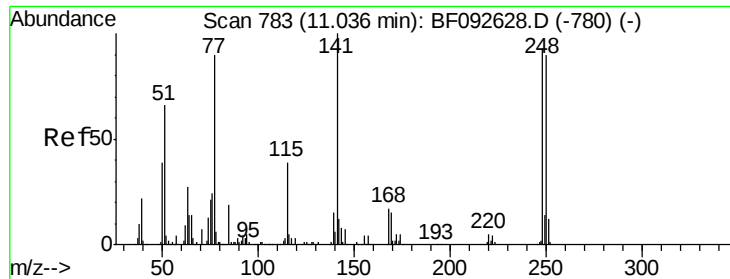
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.94 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.17 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Tgt Ion:198 Resp: 900
 Ion Ratio Lower Upper
 198 100
 51 147.7 6.7 46.7#
 105 153.3 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

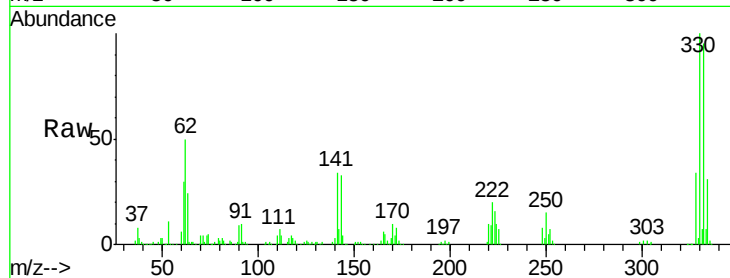




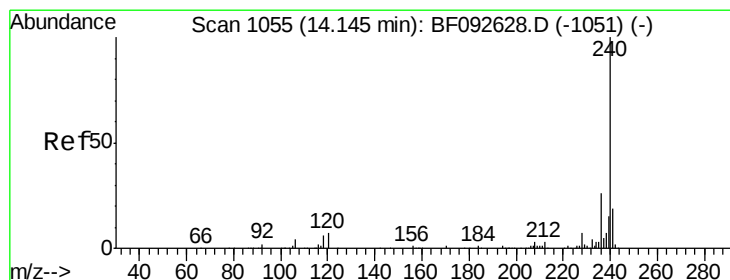
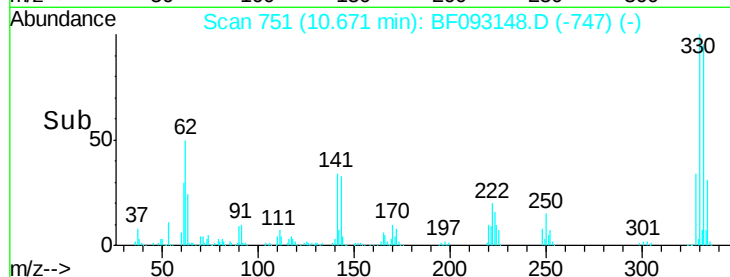
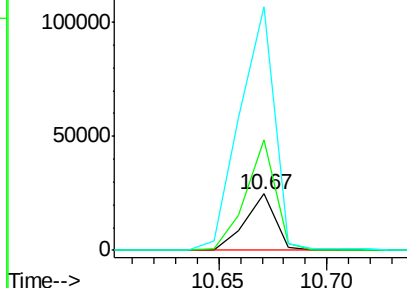
#66
 4-Bromophenyl-phenylether
 Concen: 4.50 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BL

Tgt Ion:248 Resp: 24172
 Ion Ratio Lower Upper
 248 100
 250 196.8 76.9 115.3#
 141 431.9 68.2 102.4#

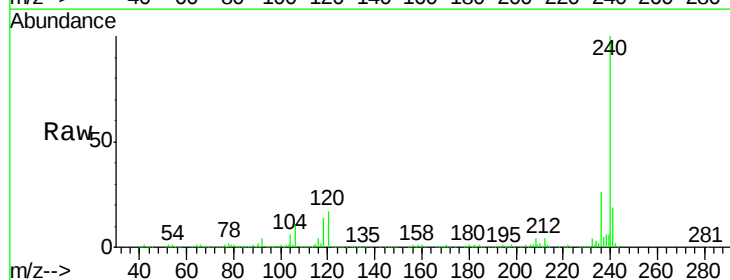


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

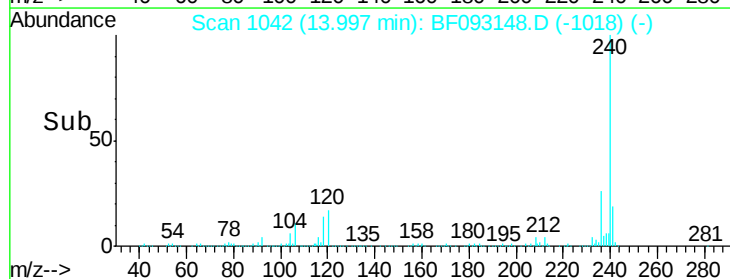
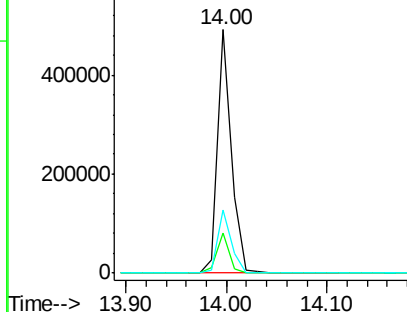


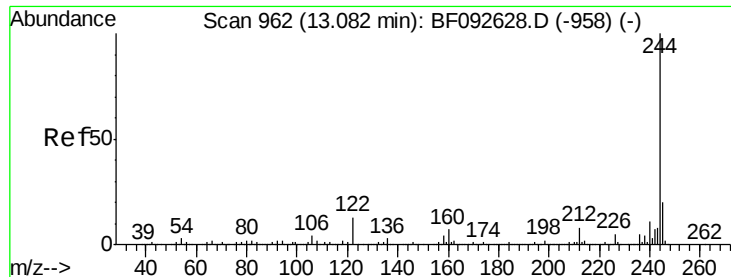
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Tgt Ion:240 Resp: 470848
 Ion Ratio Lower Upper
 240 100
 120 16.6 12.9 19.3
 236 26.1 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

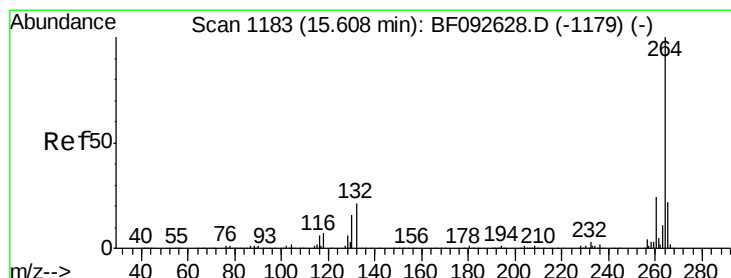
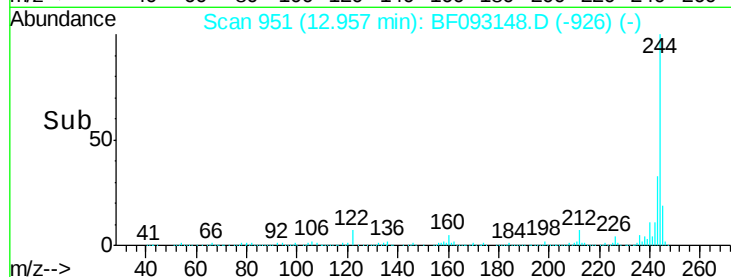
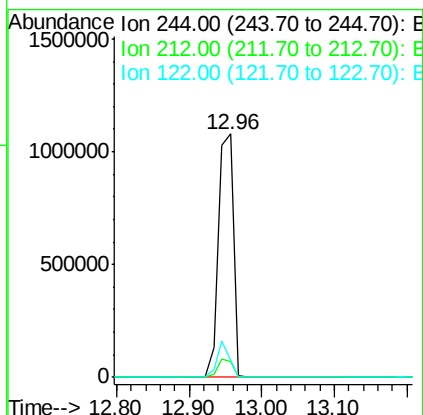
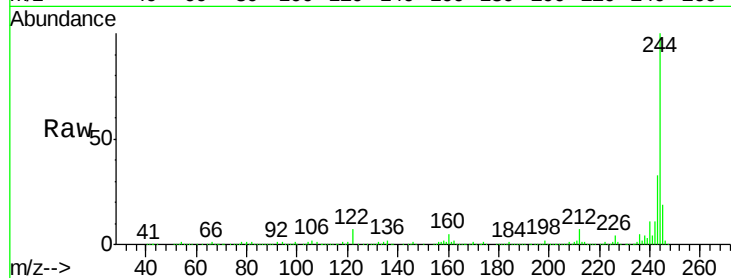




#78
 Terphenyl-d14
 Concen: 77.50 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BL

Tgt Ion:244 Resp: 1553115
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 6.8 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: BF093148.D
 Acq: 24 Feb 2017 16:51

Tgt Ion:264 Resp: 395203
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.9 17.4 26.0

