

Data File : BF093012.D
Acq On : 17 Feb 2017 16:03
Operator : SJ/MA
Sample : PB97007BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97007BL

Quant Time: Feb 17 22:12:52 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	6.85	152	161853	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	625159	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	359176	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	594281	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	540844	20.00	ng	-0.01
86) Perylene-d12	15.44	264	450449	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1129524	119.73	ng	0.01
7) Phenol-d6	6.50	99	1666794	137.31	ng	0.01
23) Nitrobenzene-d5	7.41	82	977808	87.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	312198	120.18	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1762166	88.88	ng	0.00
78) Terphenyl-d14	12.97	244	1657035	71.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	124992	16.18	ng	# 84
25) Isophorone	7.41	82	885806	42.34	ng	# 65
50) 2,6-Dinitrotoluene	9.89	165	46492	8.90	ng	# 29
56) 2,4-Dinitrotoluene	9.89	165	46492	6.68	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.68	198	791	2.88	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	24858	4.00	ng	# 1

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

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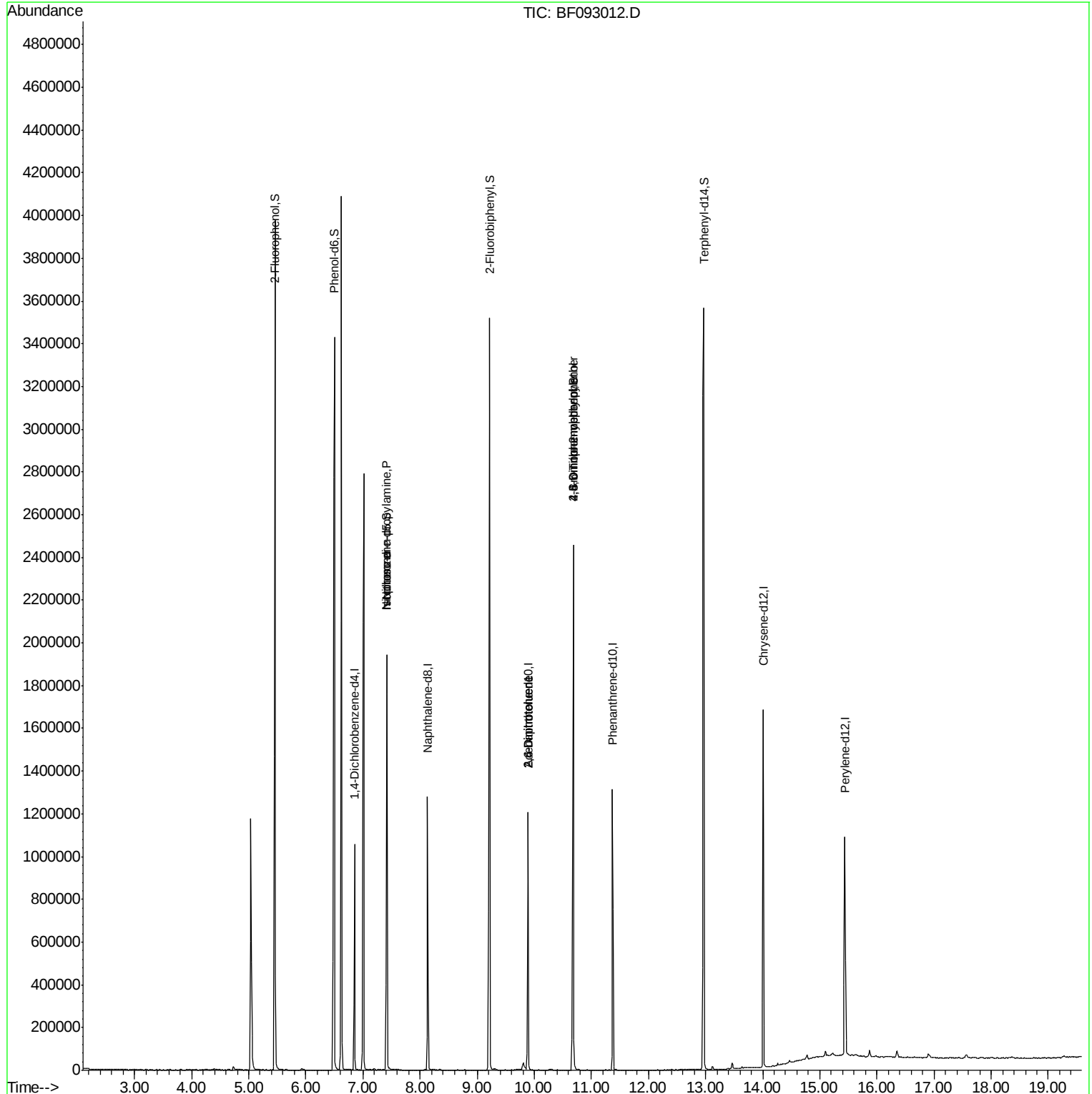
Quant Time: Feb 17 22:12:52 2017

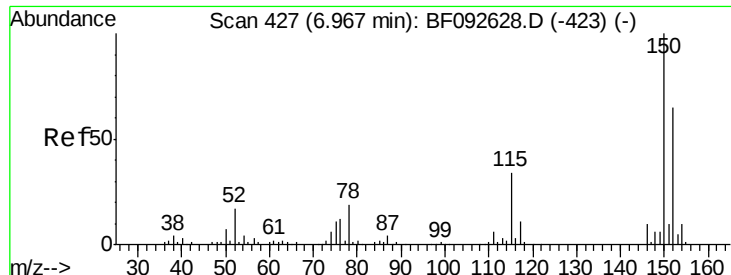
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

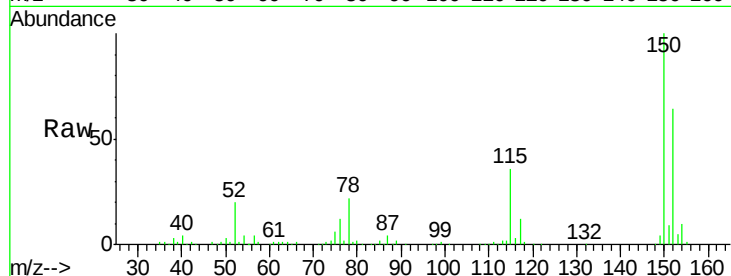




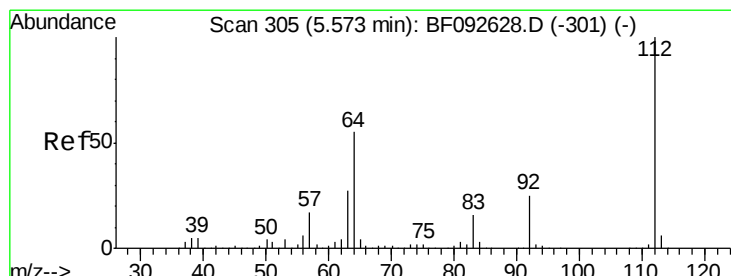
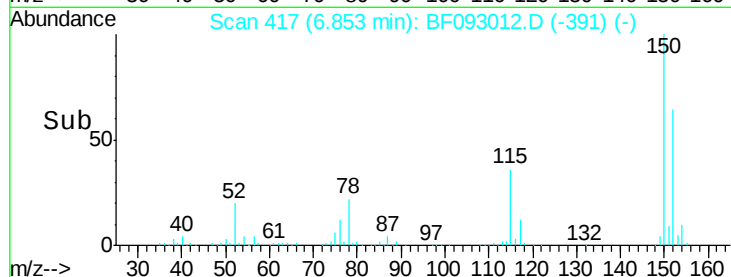
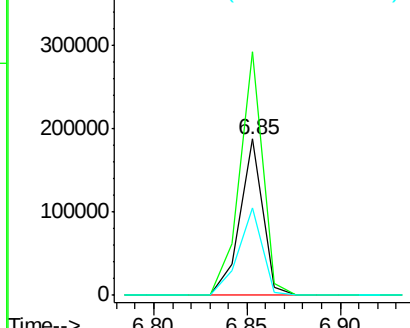
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97007BL

Tgt Ion:152 Resp: 161853
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 56.2 46.0 69.0

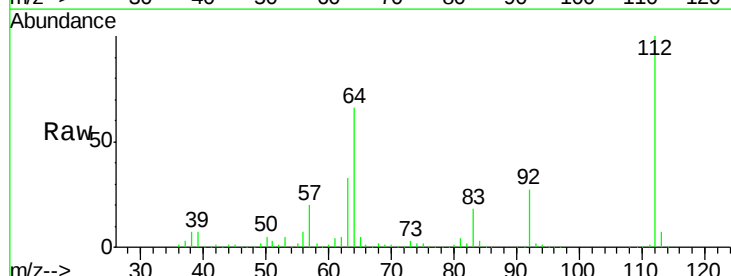


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

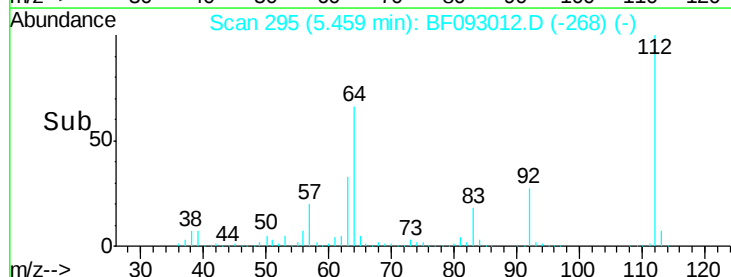
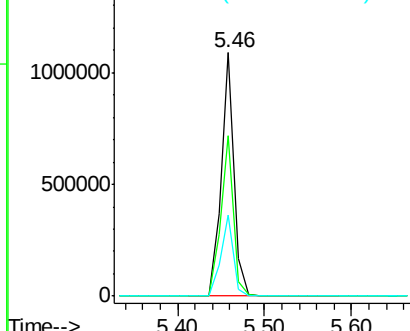


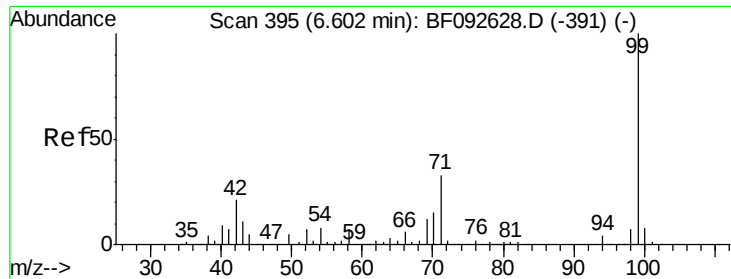
#5
 2-Fluorophenol
 Concen: 119.73 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Tgt Ion:112 Resp: 1129524
 Ion Ratio Lower Upper
 112 100
 64 66.0 46.1 69.1
 63 33.3 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: 137.31 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093012.D

Acq: 17 Feb 2017 16:03

Instrument :

BNA_F

ClientSampleId :

PB97007BL

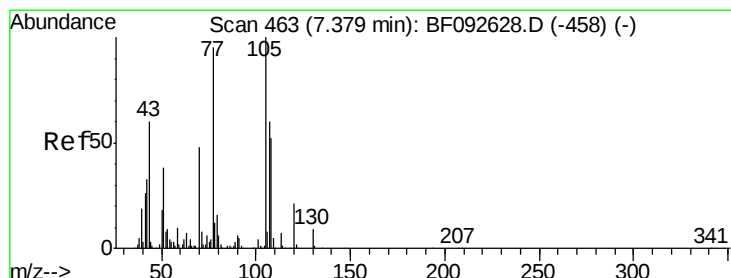
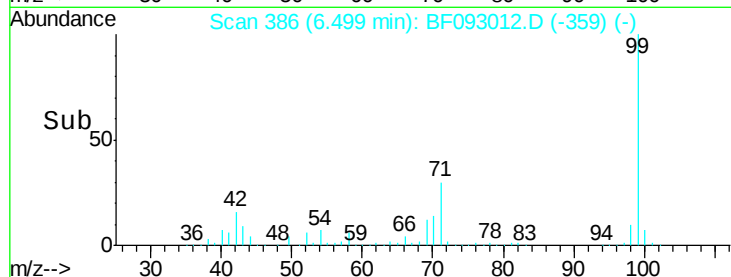
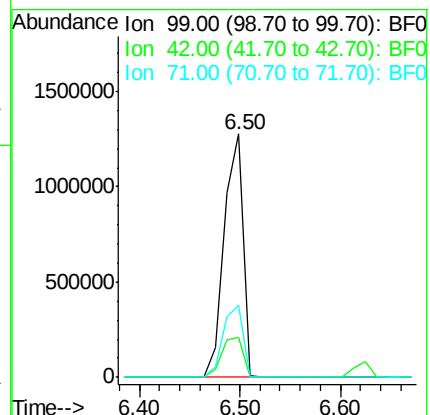
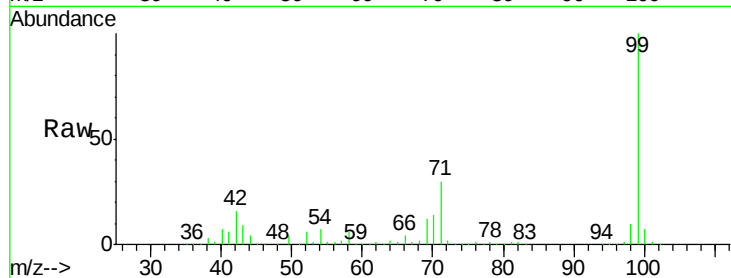
Tgt Ion: 99 Resp: 1666794

Ion Ratio Lower Upper

99 100

42 16.5 15.6 23.4

71 29.7 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.18 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093012.D

Acq: 17 Feb 2017 16:03

Tgt Ion: 70 Resp: 124992

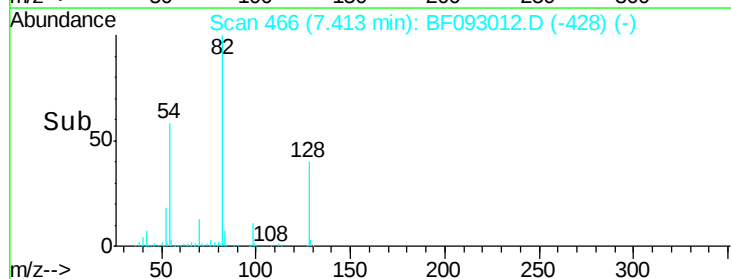
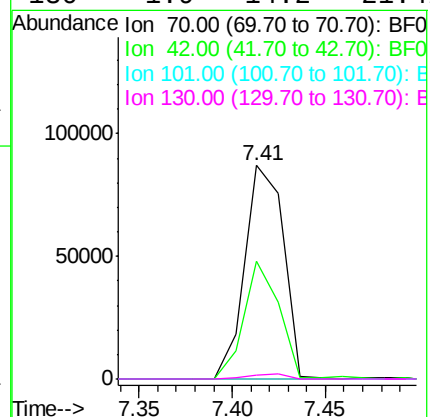
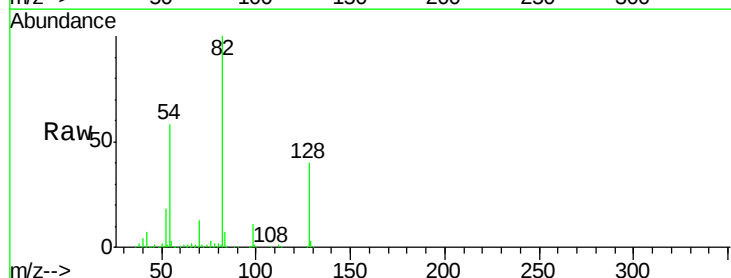
Ion Ratio Lower Upper

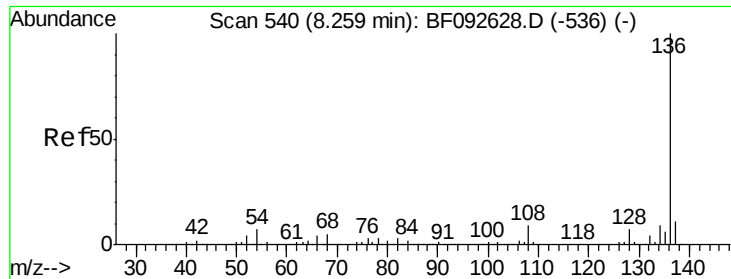
70 100

42 55.3 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

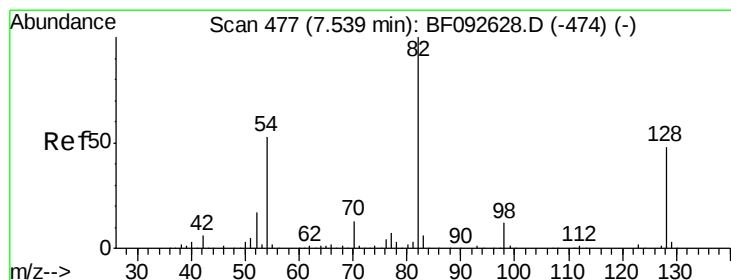
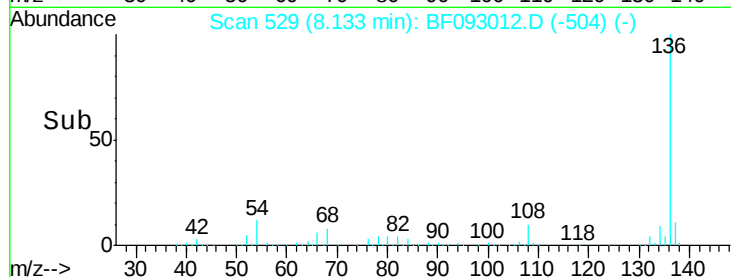
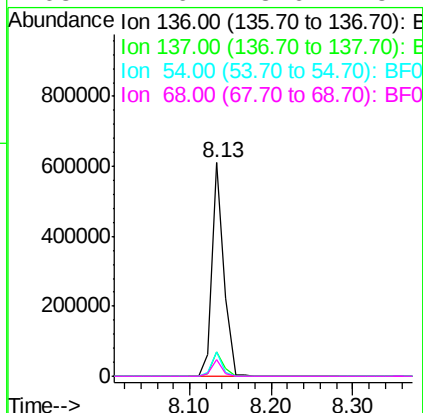
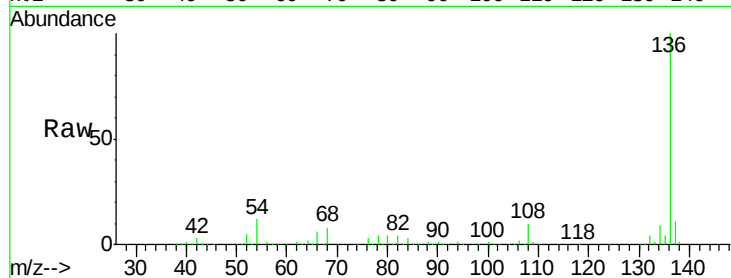




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093012.D
Acq: 17 Feb 2017 16:03

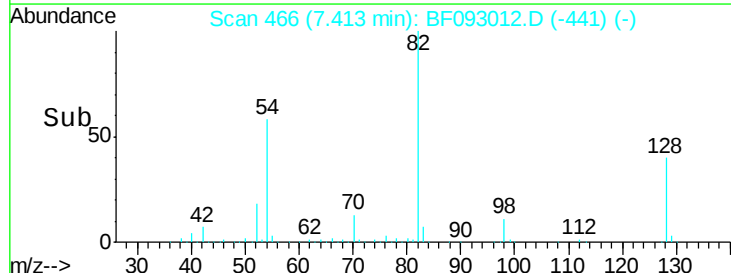
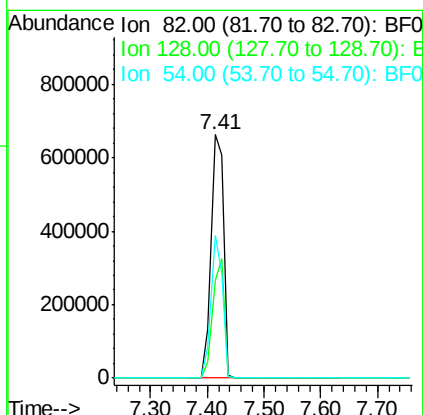
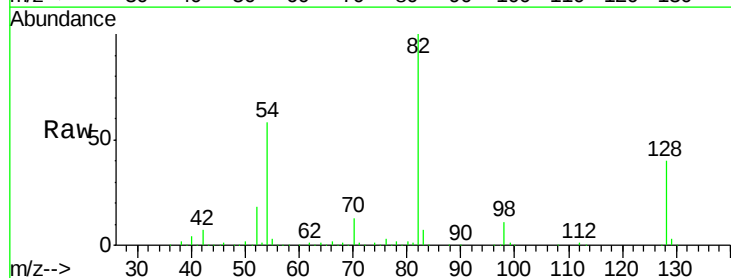
Instrument :
BNA_F
ClientSampleId :
PB97007BL

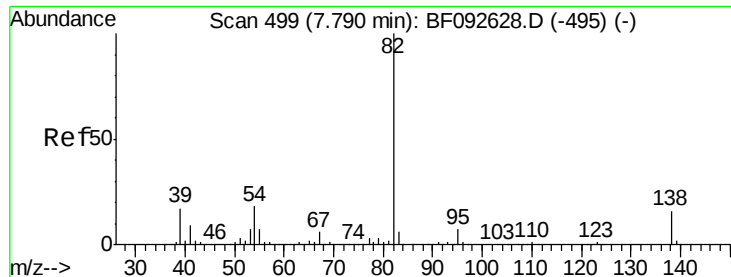
Tgt Ion:	136	Resp:	625159
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.5	4.5	6.7#
68	7.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 87.10 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093012.D
Acq: 17 Feb 2017 16:03

Tgt Ion:	82	Resp:	977808
Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.6	52.0
54	58.5	39.5	59.3





#25

Isophorone

Concen: 42.34 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.27 min

Lab File: BF093012.D

Acq: 17 Feb 2017 16:03

Instrument :

BNA_F

ClientSampleId :

PB97007BL

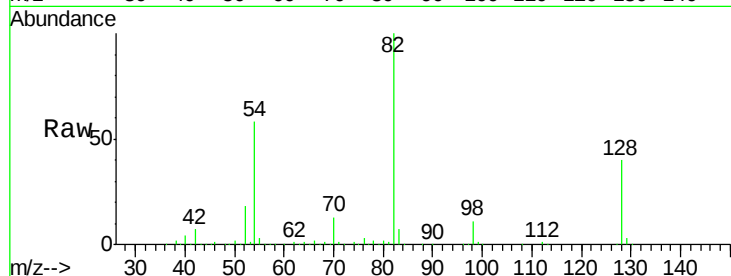
Tgt Ion: 82 Resp: 885806

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

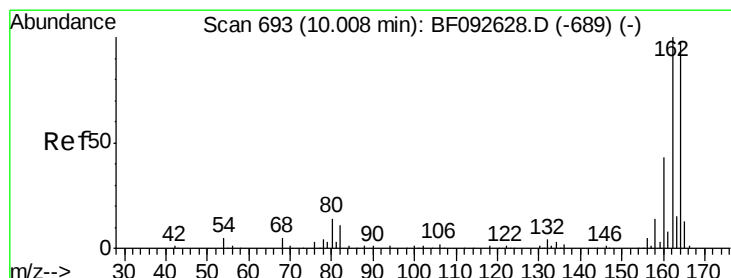
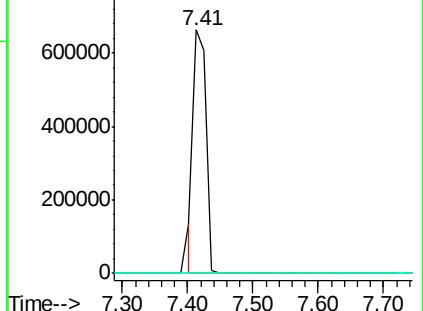
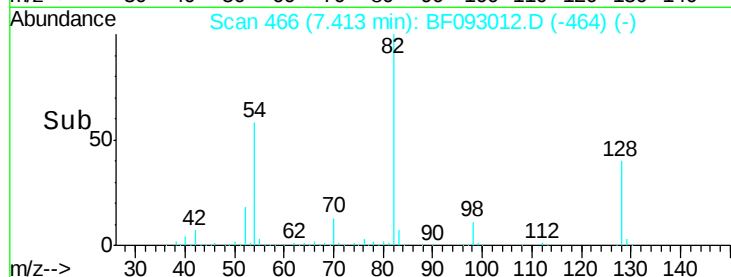
138 0.0 14.6 22.0#



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: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093012.D

Acq: 17 Feb 2017 16:03

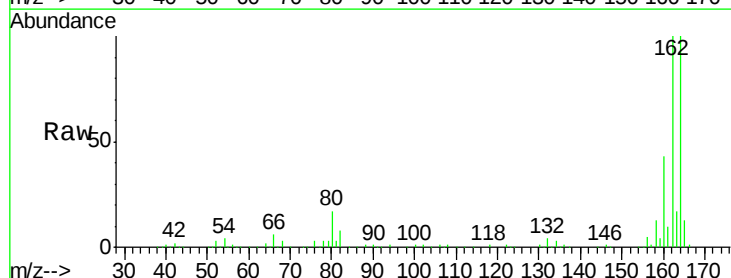
Tgt Ion: 164 Resp: 359176

Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.2

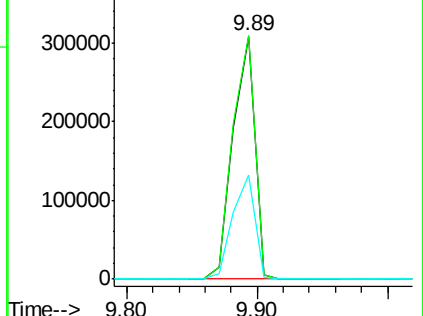
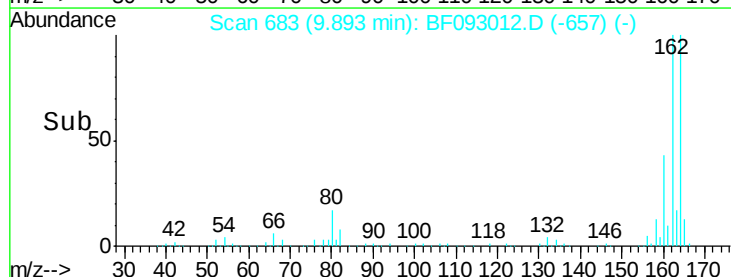
160 42.9 36.9 55.3

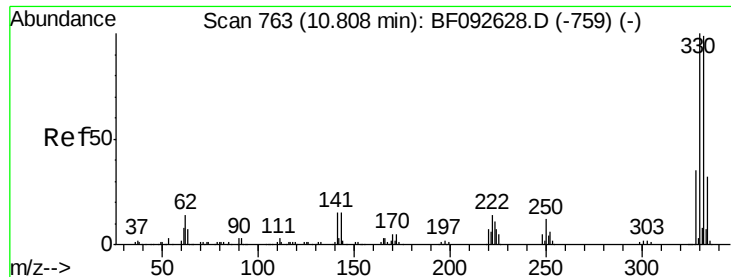


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

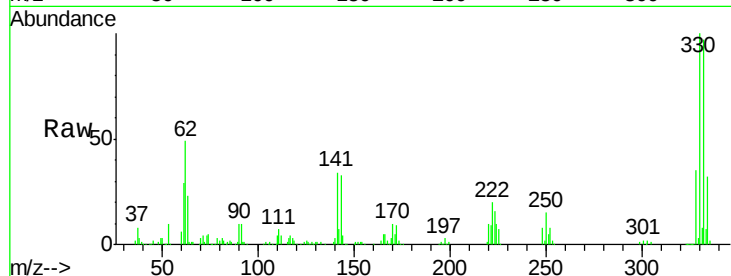




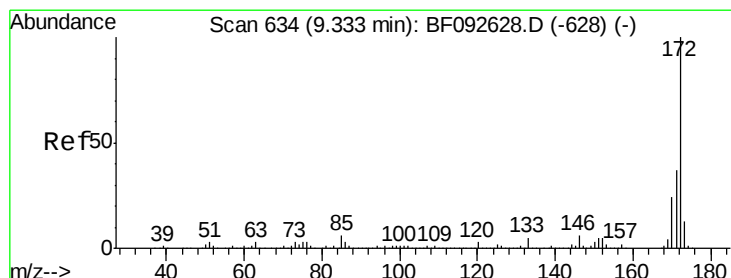
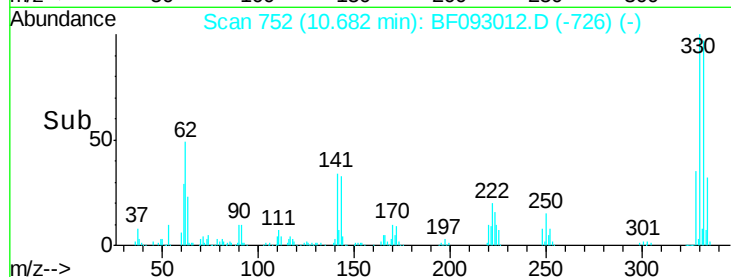
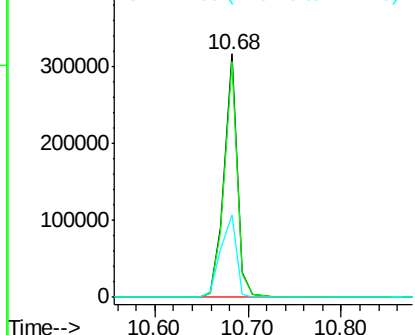
#41
 2,4,6-Tribromophenol
 Concen: 120.18 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97007BL

Tgt Ion:330 Resp: 312198
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 40.0 34.1 51.1

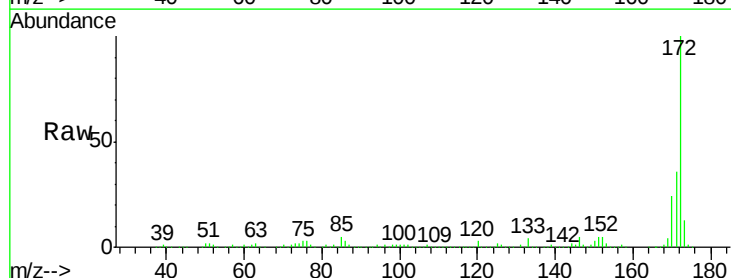


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

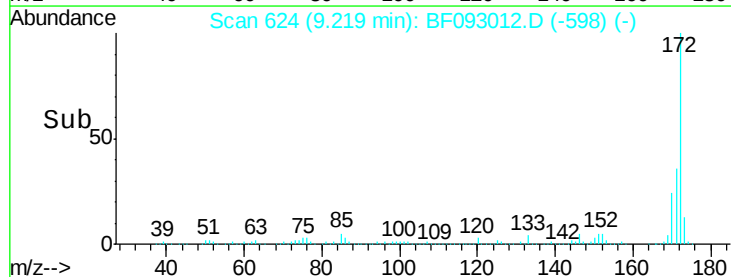
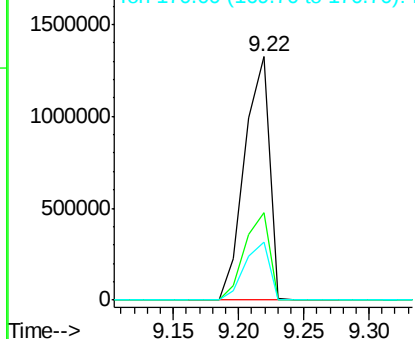


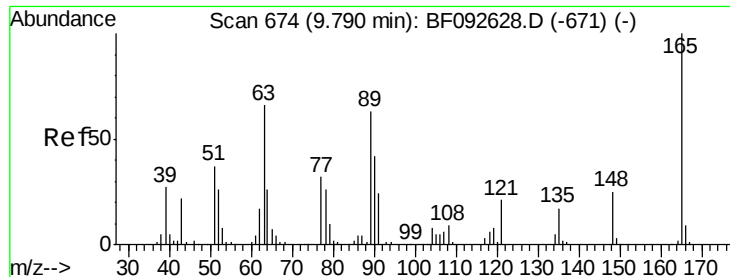
#44
 2-Fluorobiphenyl
 Concen: 88.88 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Tgt Ion:172 Resp: 1762166
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.9 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

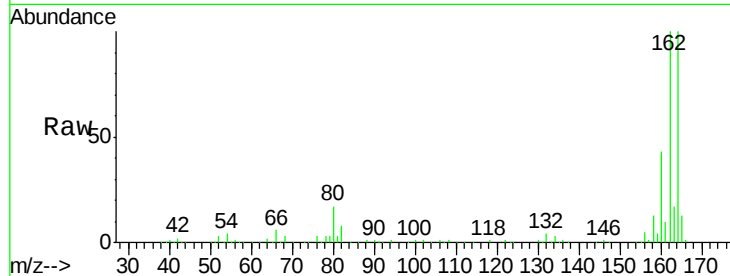




#50
 2,6-Dinitrotoluene
 Concen: 8.90 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.21 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97007BL

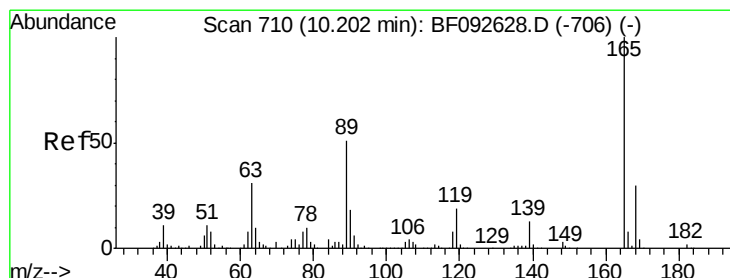
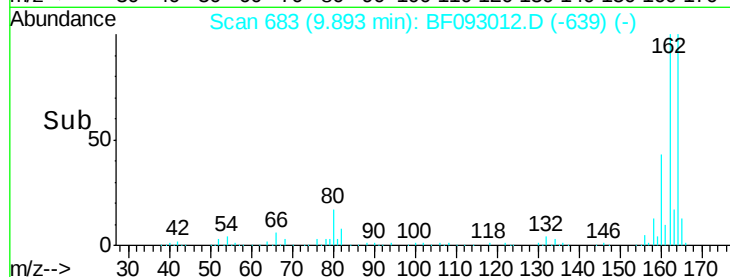
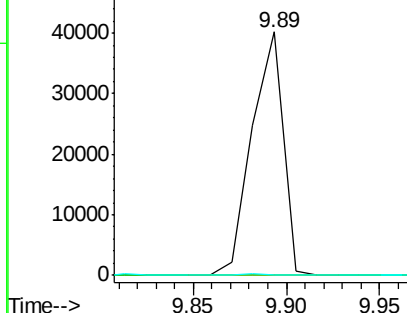
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.0	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

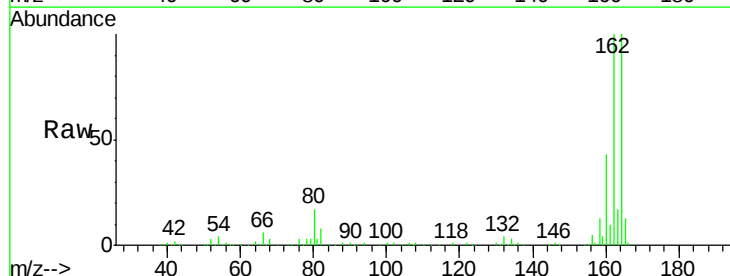
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.19 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

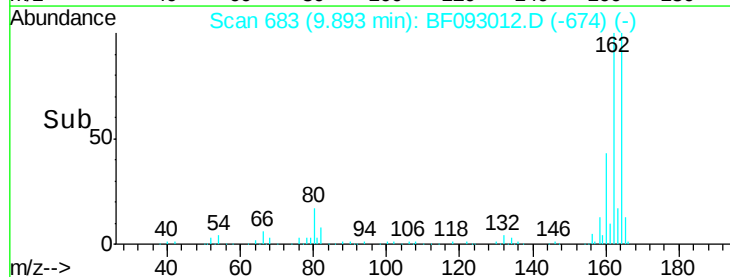
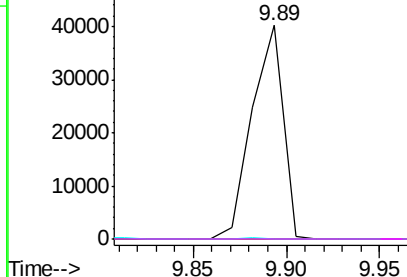


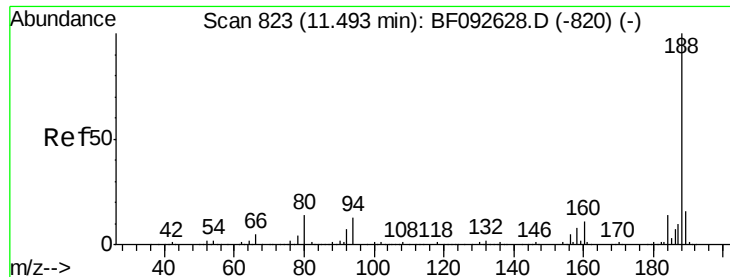
Abundance Ion 165.00 (164.70 to 165.70): E

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

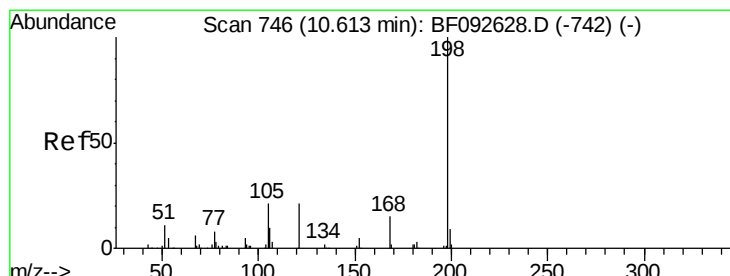
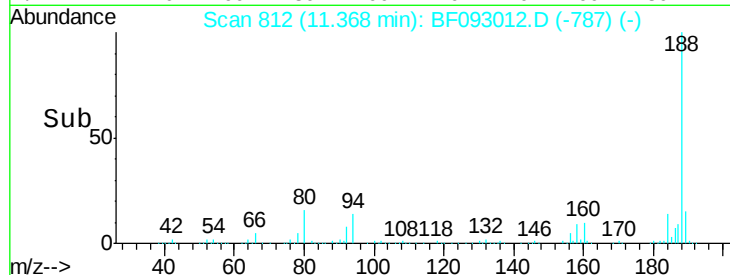
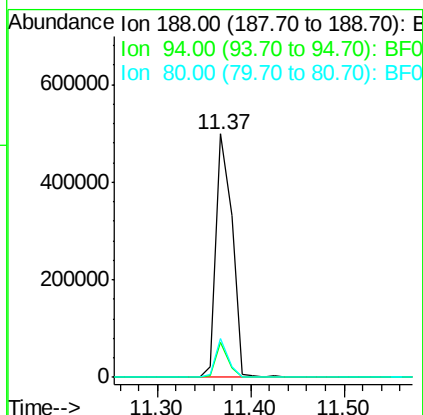
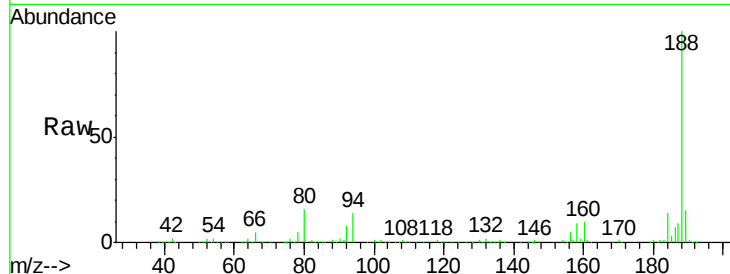




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

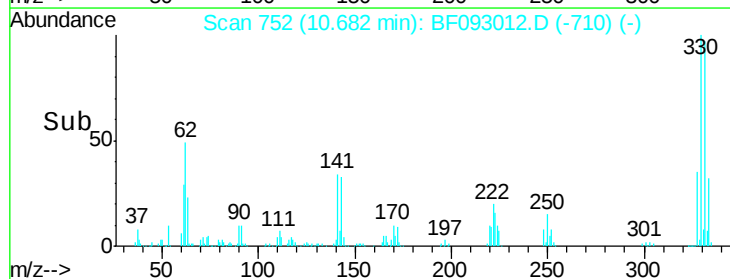
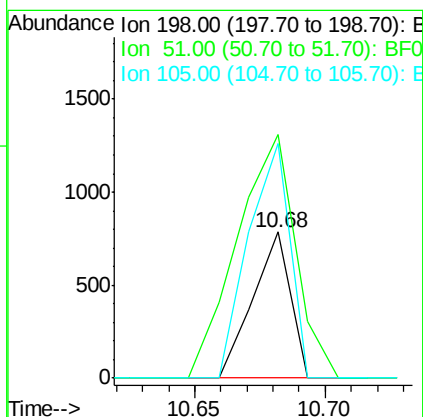
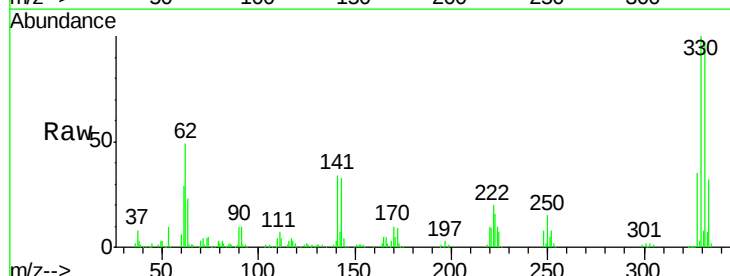
Instrument :
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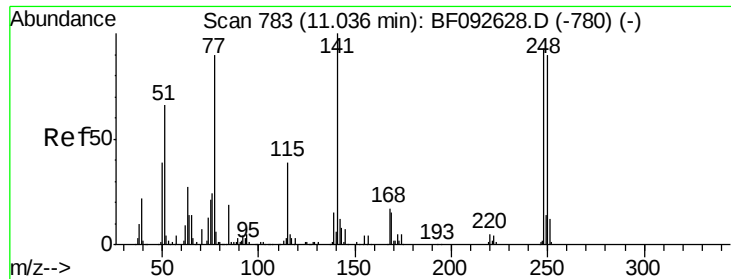
Tgt Ion:188 Resp: 594281
 Ion Ratio Lower Upper
 188 100
 94 14.2 10.0 15.0
 80 15.8 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.88 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.18 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Tgt Ion:198 Resp: 791
 Ion Ratio Lower Upper
 198 100
 51 166.8 6.7 46.7#
 105 160.4 16.6 56.6#

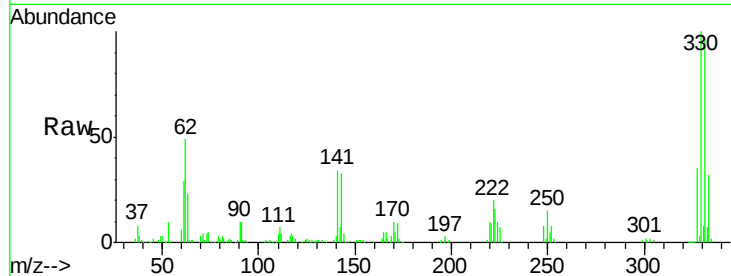




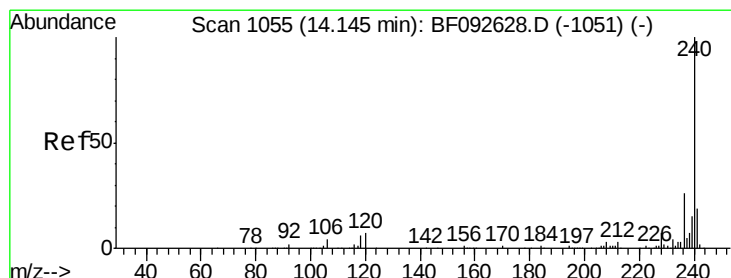
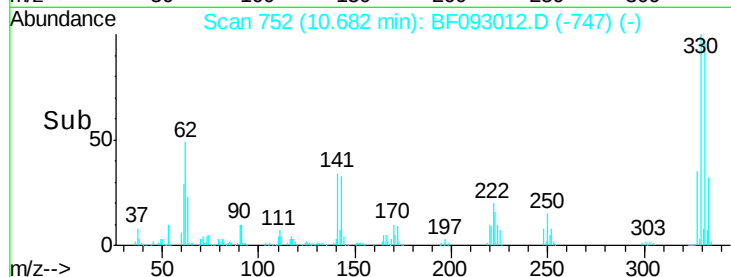
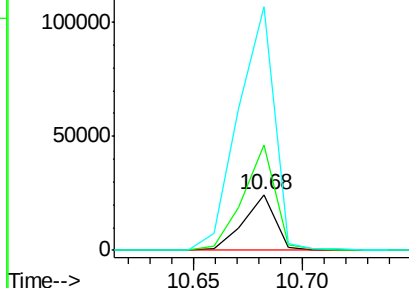
#66
 4-Bromophenyl-phenylether
 Concen: 4.00 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97007BL

Tgt Ion:248 Resp: 24858
 Ion Ratio Lower Upper
 248 100
 250 190.8 76.9 115.3#
 141 438.7 68.2 102.4#

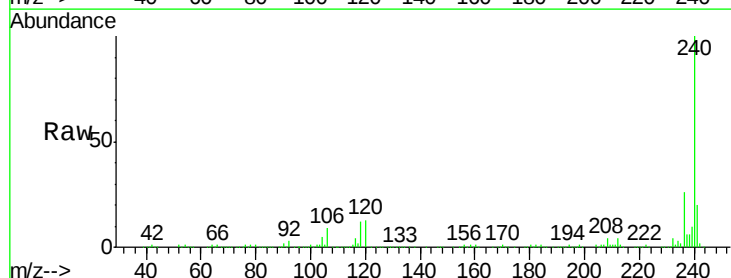


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

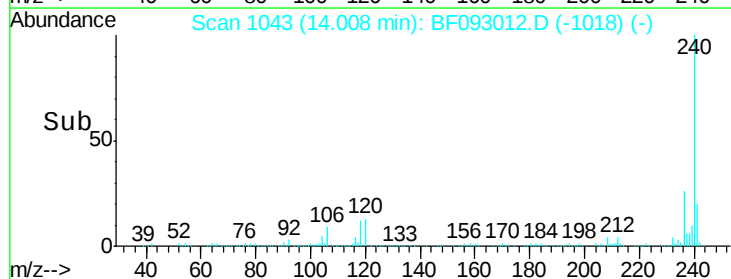
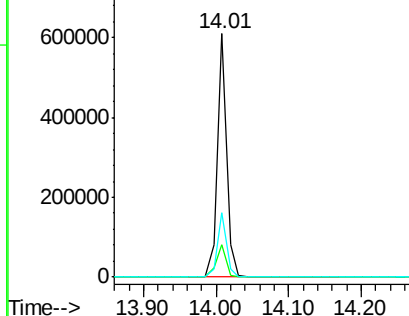


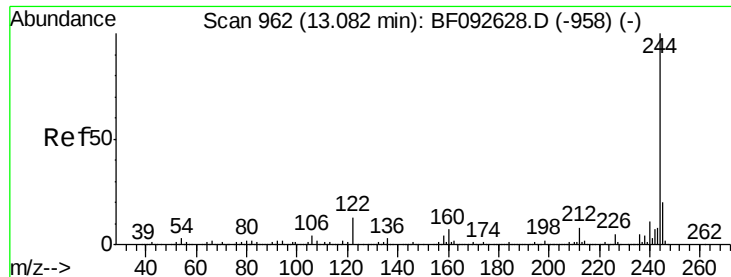
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Tgt Ion:240 Resp: 540844
 Ion Ratio Lower Upper
 240 100
 120 13.2 12.9 19.3
 236 26.4 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: 71.99 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF093012.D

Acq: 17 Feb 2017 16:03

Instrument :

BNA_F

ClientSampleId :

PB97007BL

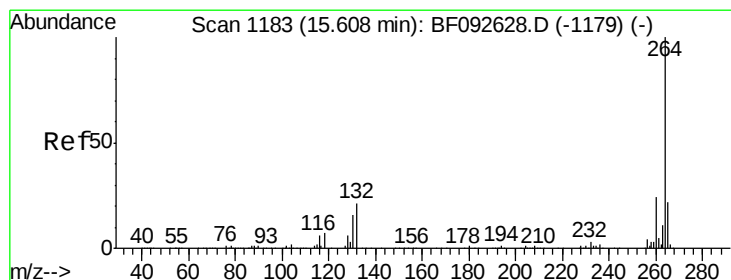
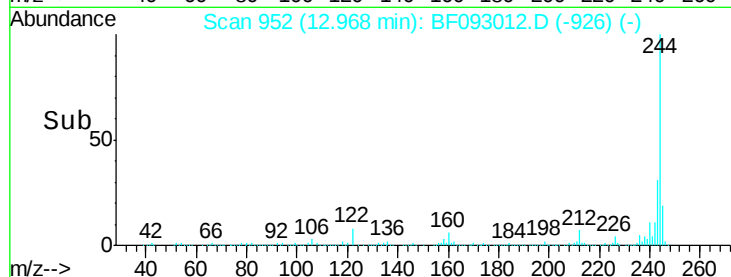
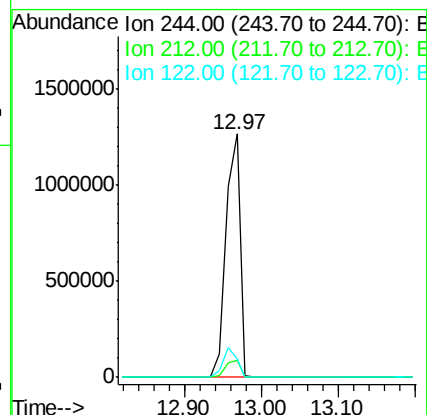
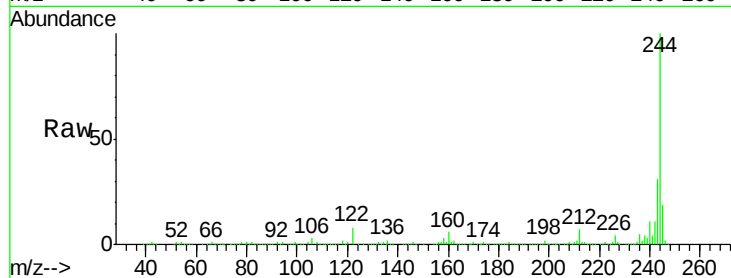
Tgt Ion:244 Resp: 1657035

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 7.8 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093012.D

Acq: 17 Feb 2017 16:03

Tgt Ion:264 Resp: 450449

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.7 17.4 26.0

