

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093651.D
 Acq On : 14 Mar 2017 11:45
 Operator : SJ/MA
 Sample : PB97542BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97542BL

Quant Time: Mar 15 02:31:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

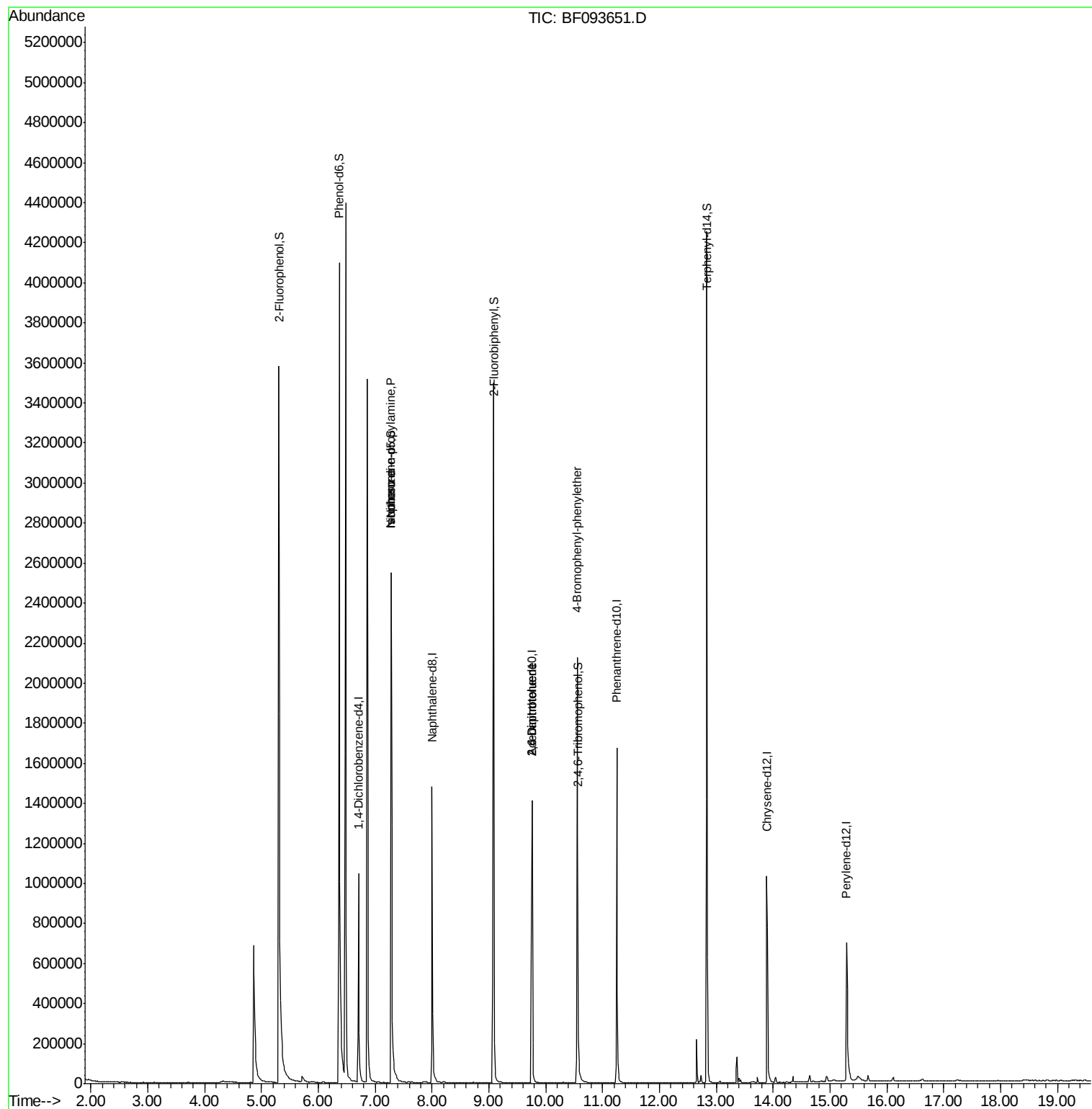
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	180635	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	732647	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	353667	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	669738	20.00	ng	0.00
75) Chrysene-d12	13.89	240	548478	20.00	ng	0.00
86) Perylene-d12	15.29	264	390870	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1431732	131.92	ng	-0.01
7) Phenol-d6	6.37	99	1719967	125.67	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1090813	82.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	314604	136.53	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1741339	91.58	ng	0.00
78) Terphenyl-d14	12.84	244	1419636	67.29	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2176	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	145268	15.44	ng	# 85
25) Isophorone	7.28	82	1076823	40.44	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	44097	8.57	ng	# 31
56) 2,4-Dinitrotoluene	9.76	165	44099	6.98	ng	# 20
66) 4-Bromophenyl-phenylether	10.55	248	22232	3.14	ng	# 1

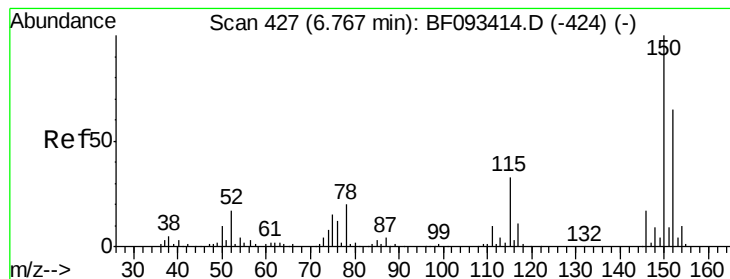
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093651.D

Acq: 14 Mar 2017 11:45

Instrument :

BNA_M

ClientSampleId :

PB97542BL

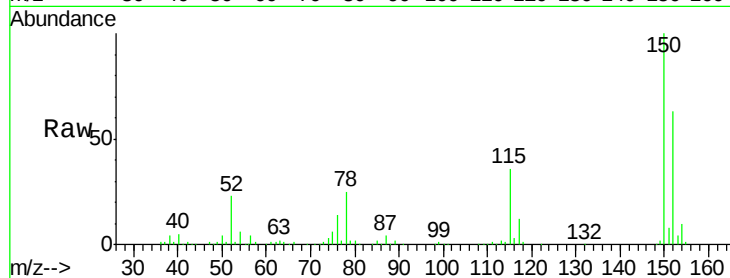
Tot Ion:152 Resp: 180635

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

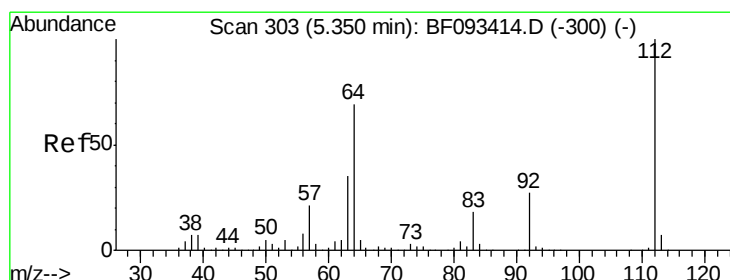
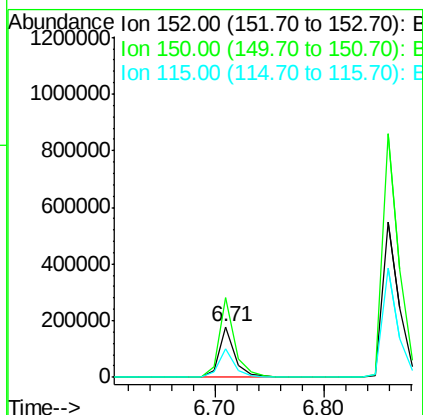
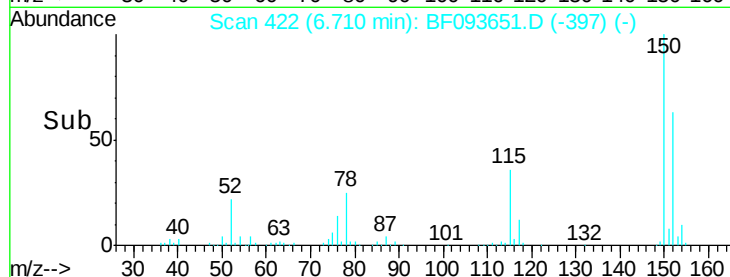
115 57.3 46.0 69.0



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: 131.92 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093651.D

Acq: 14 Mar 2017 11:45

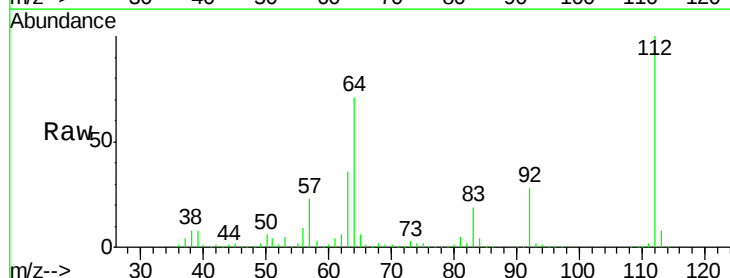
Tgt Ion:112 Resp: 1431732

Ion Ratio Lower Upper

112 100

64 71.2 46.1 69.1#

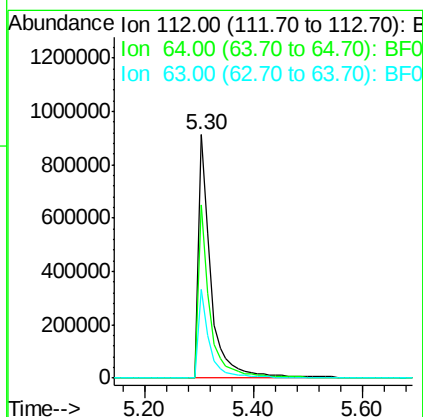
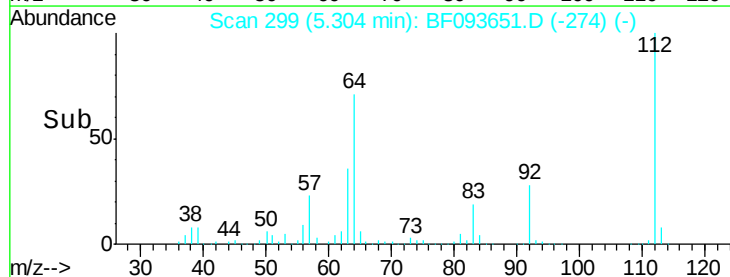
63 36.2 23.8 35.6#

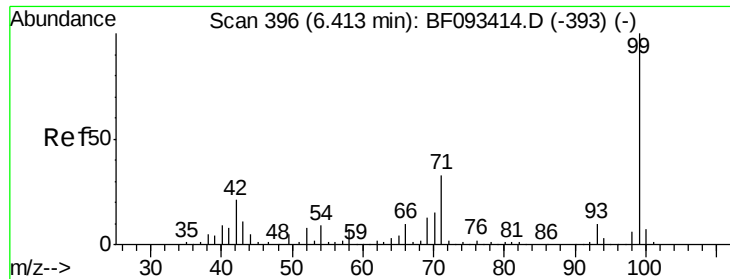


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.67 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093651.D

Acq: 14 Mar 2017 11:45

Instrument :

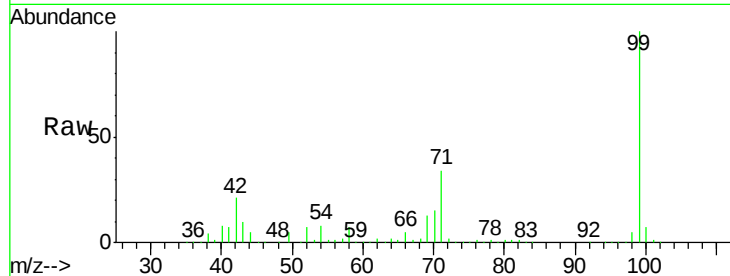
BNA_M

ClientSampleId :

PB97542BL

Tot Ion: 99 Resp: 1719967

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.6	23.4
71	33.8	27.5	41.3

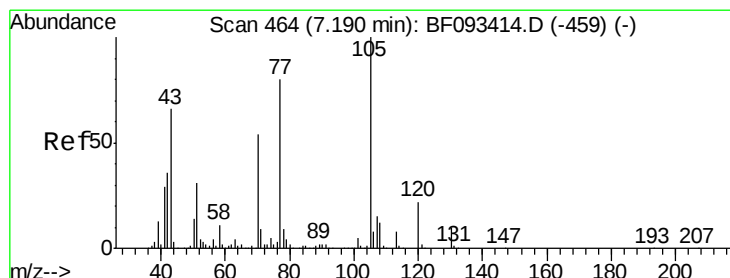
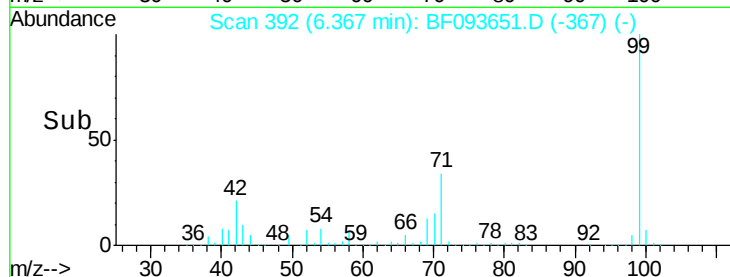


Abundance

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: 15.44 ng

RT: 7.28 min Scan# 472

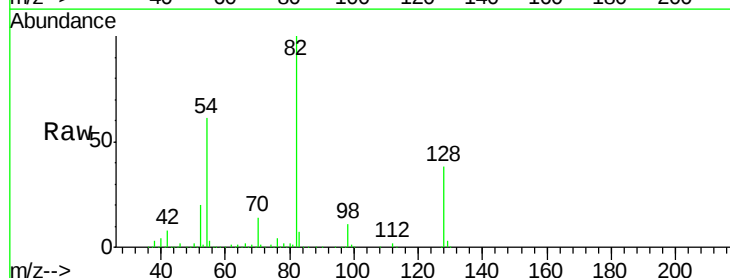
Delta R.T. 0.14 min

Lab File: BF093651.D

Acq: 14 Mar 2017 11:45

Tgt Ion: 70 Resp: 145268

Ion	Ratio	Lower	Upper
70	100		
42	56.3	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



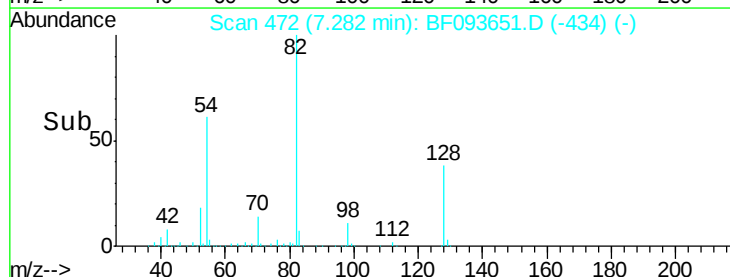
Abundance

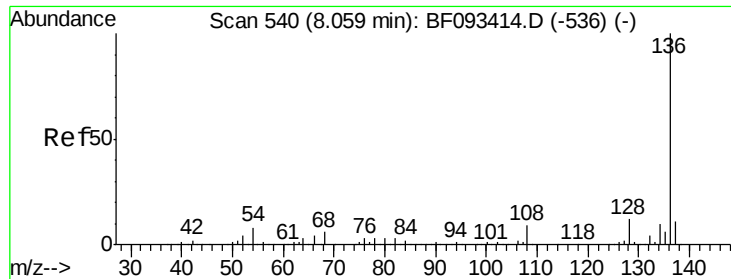
Ion 70.00 (69.70 to 70.70): BF0

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

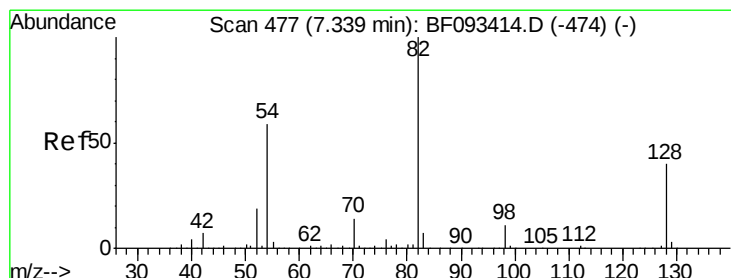
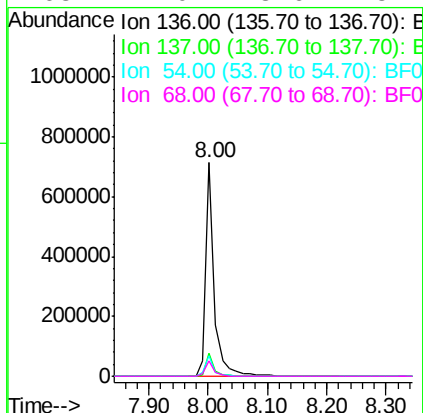
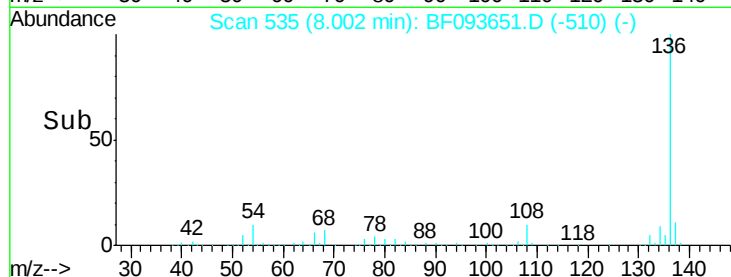
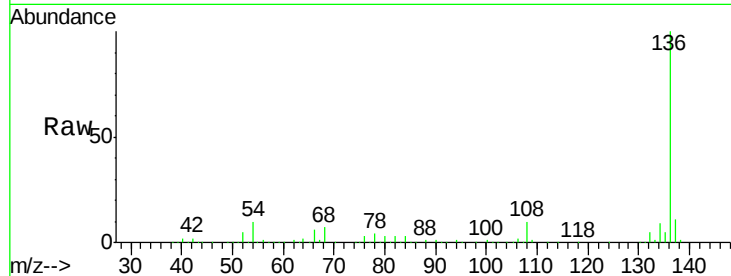




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093651.D
Acq: 14 Mar 2017 11:45

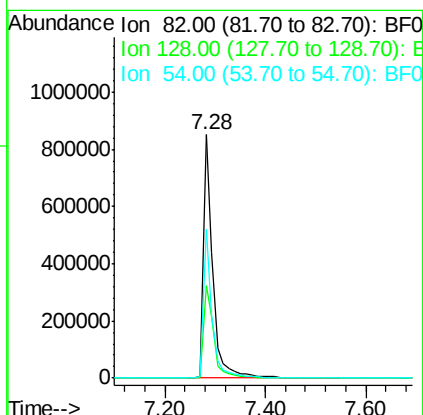
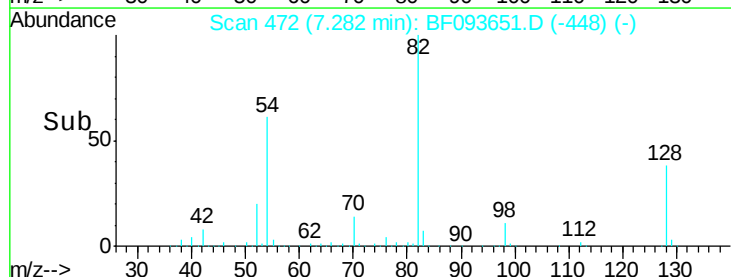
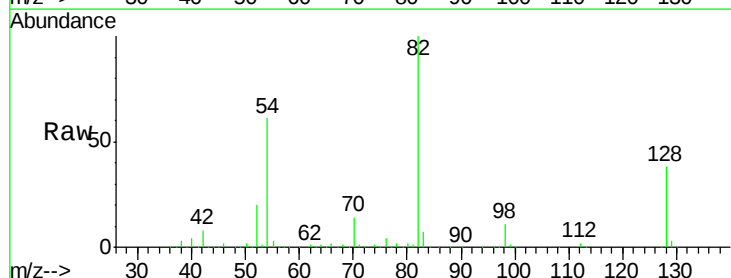
Instrument :
BNA_M
ClientSampleId :
PB97542BL

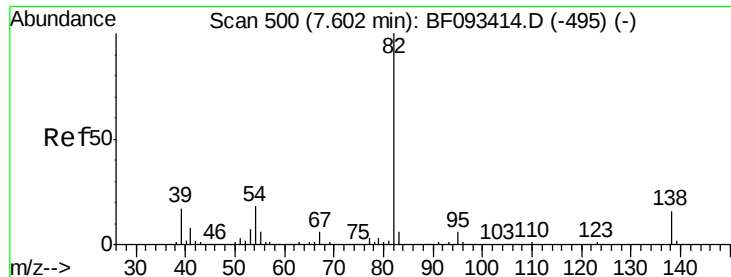
Tot Ion:136	Resp:	732647
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.4 12.6
54	9.8	4.5 6.7#
68	7.0	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 82.61 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093651.D
Acq: 14 Mar 2017 11:45

Tgt Ion: 82	Resp:	1090813
Ion Ratio	Lower	Upper
82	100	
128	37.8	34.6 52.0
54	60.9	39.5 59.3#





#25

Isophorone

Concen: 40.44 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093651.D

Acq: 14 Mar 2017 11:45

Instrument :

BNA_M

ClientSampleId :

PB97542BL

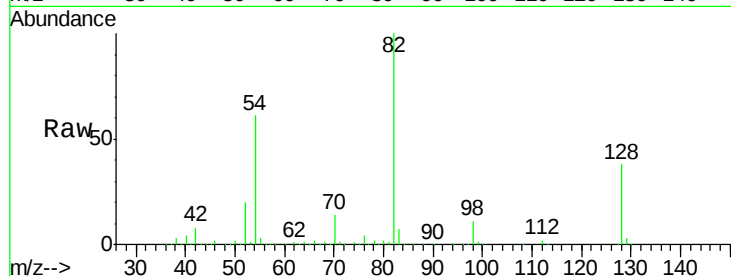
Tot Ion: 82 Resp: 1076823

Ion Ratio Lower Upper

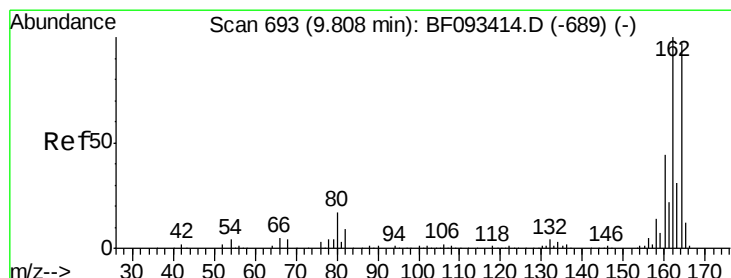
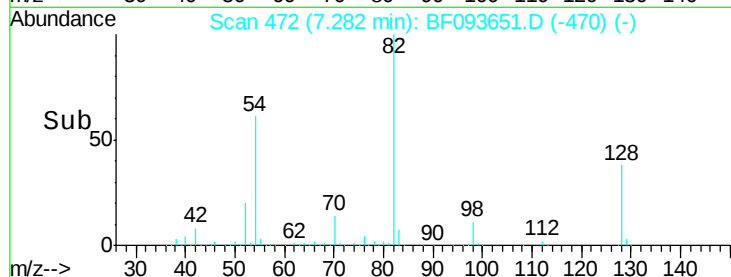
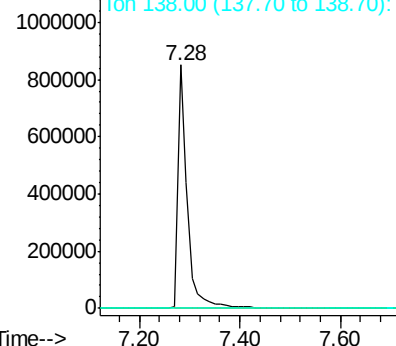
82 100

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: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093651.D

Acq: 14 Mar 2017 11:45

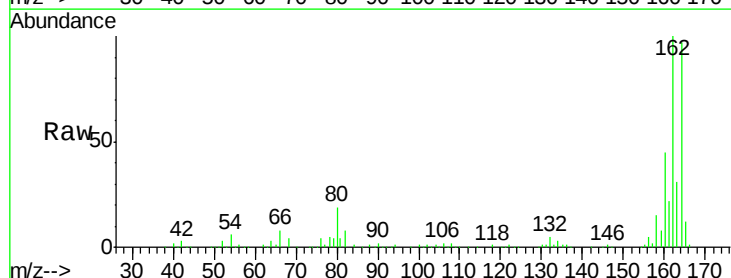
Tgt Ion:164 Resp: 353667

Ion Ratio Lower Upper

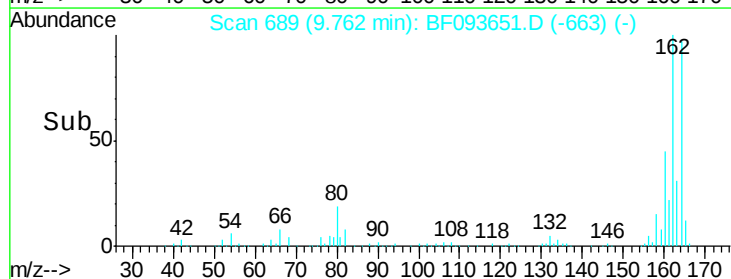
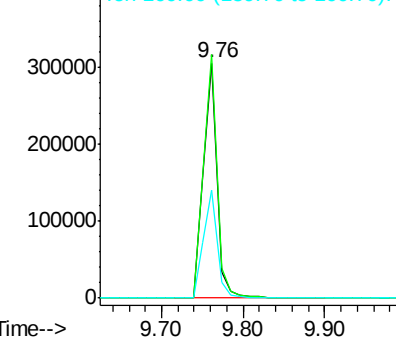
164 100

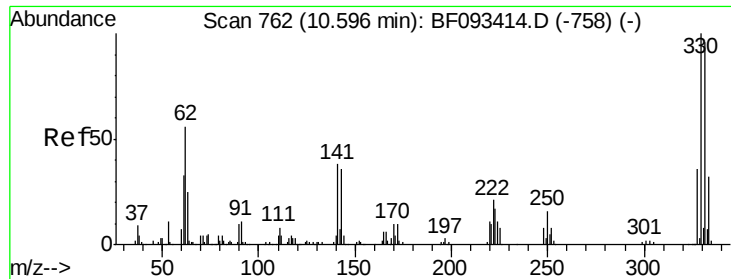
162 103.6 80.2 120.2

160 46.1 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

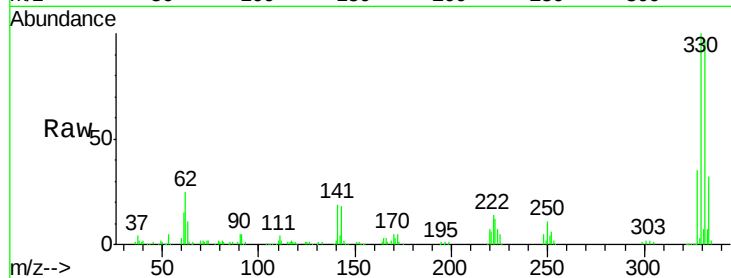




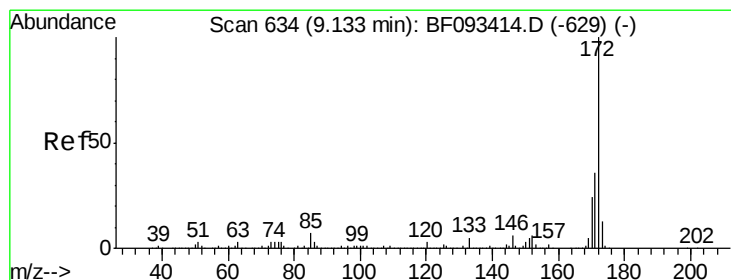
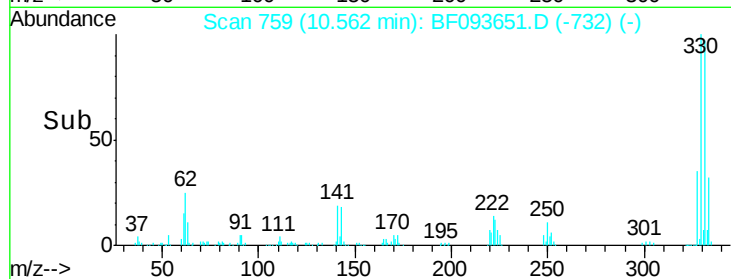
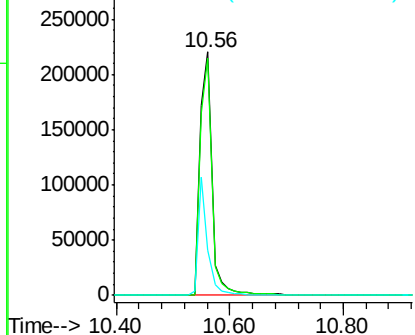
#41
 2,4,6-Tribromophenol
 Concen: 136.53 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093651.D
 Acq: 14 Mar 2017 11:45

Instrument :
 BNA_M
 ClientSampleId :
 PB97542BL

Tot Ion:330 Resp: 314604
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 38.4 34.1 51.1

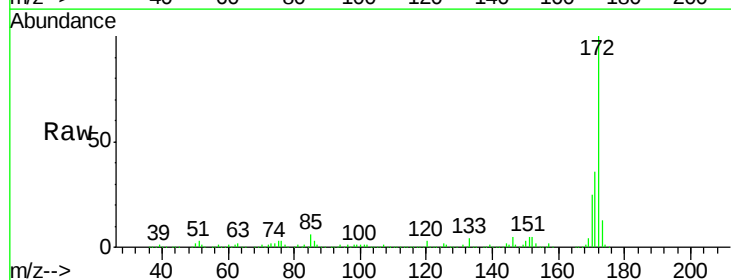


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

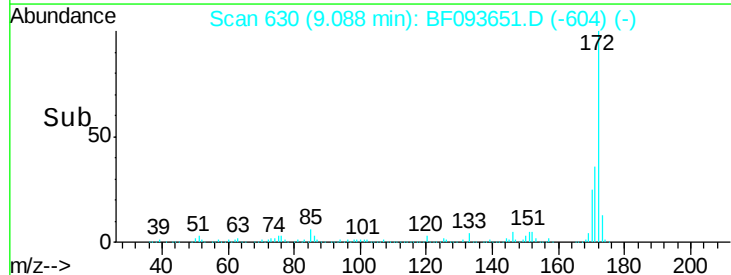
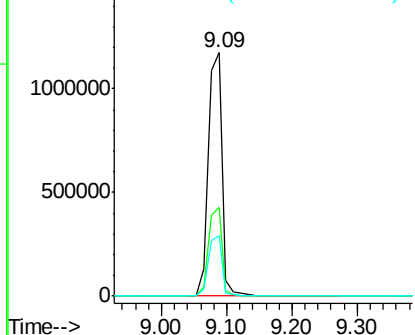


#44
 2-Fluorobiphenyl
 Concen: 91.58 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093651.D
 Acq: 14 Mar 2017 11:45

Tgt Ion:172 Resp: 1741339
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.7 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

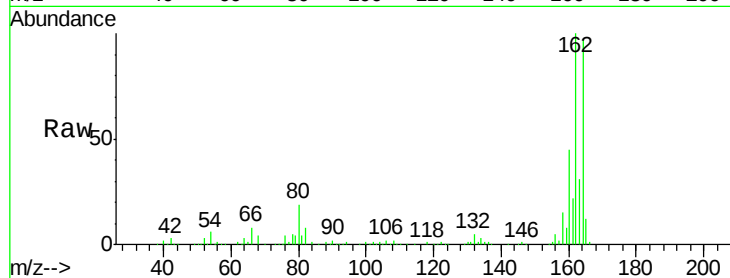




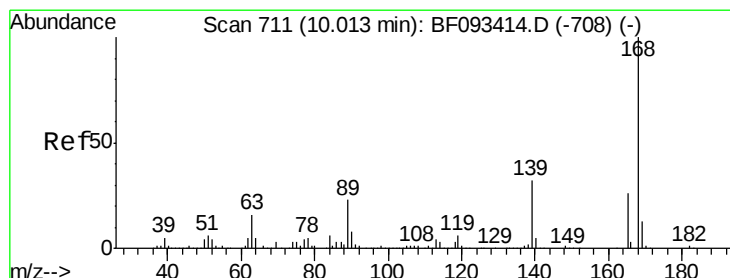
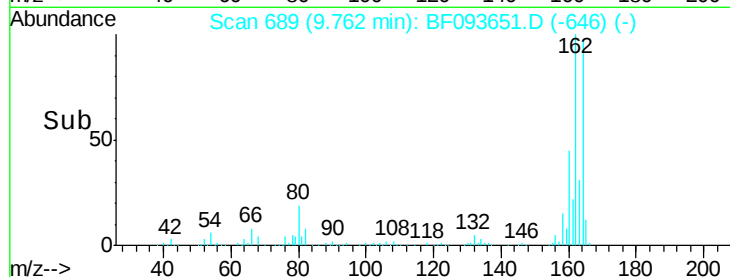
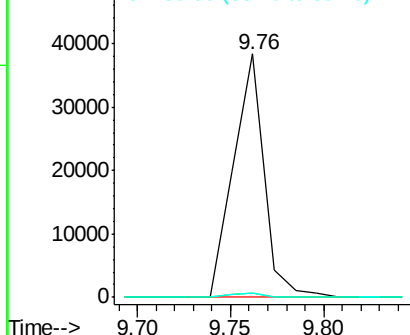
#50
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.19 min
Lab File: BF093651.D
Acq: 14 Mar 2017 11:45

Instrument :
BNA_M
ClientSampleId :
PB97542BL

Tot Ion:165 Resp: 44097
Ion Ratio Lower Upper
165 100
63 1.6 36.2 54.4#
89 1.5 40.2 60.4#

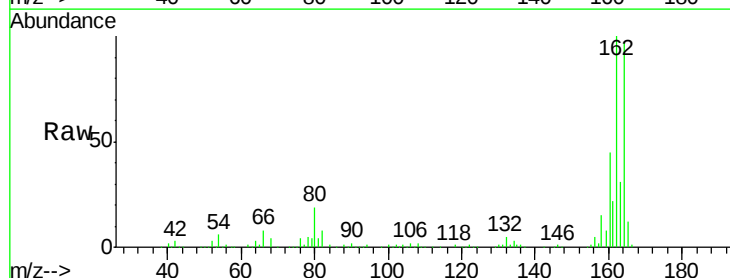


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

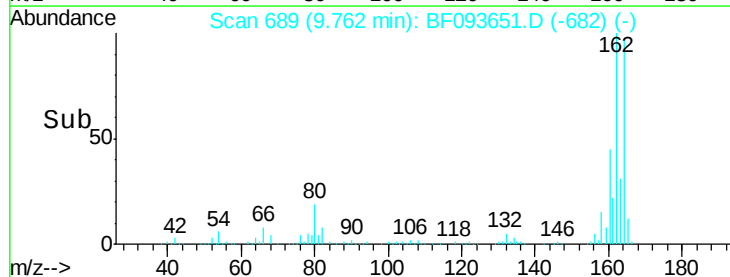
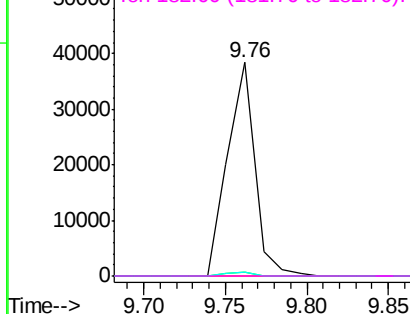


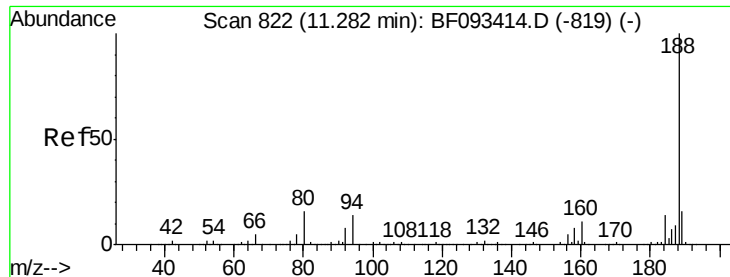
#56
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.22 min
Lab File: BF093651.D
Acq: 14 Mar 2017 11:45

Tgt Ion:165 Resp: 44099
Ion Ratio Lower Upper
165 100
63 1.6 40.2 60.4#
89 1.5 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

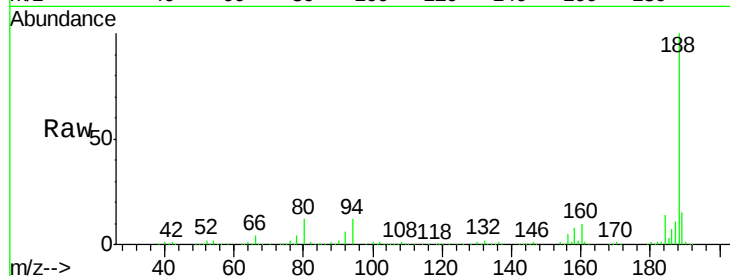




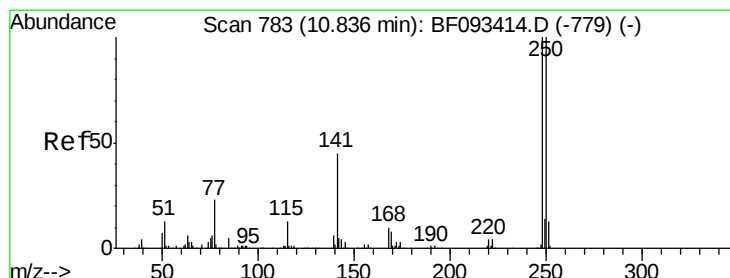
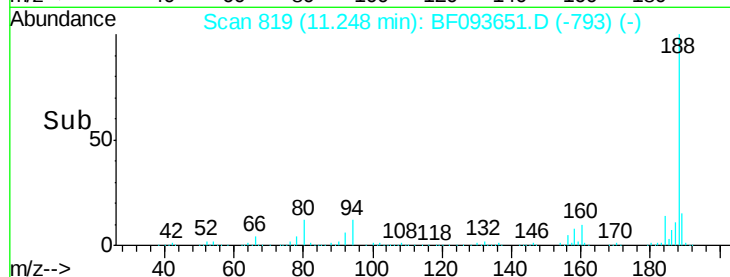
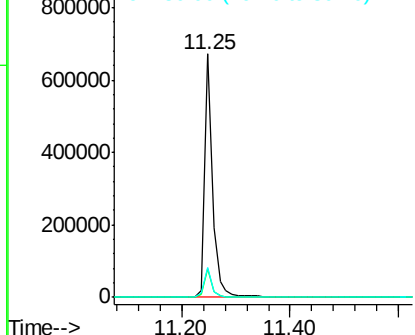
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093651.D
Acq: 14 Mar 2017 11:45

Instrument :
BNA_M
ClientSampleId :
PB97542BL

Tot Ion:188 Resp: 669738
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 12.4 11.2 16.8

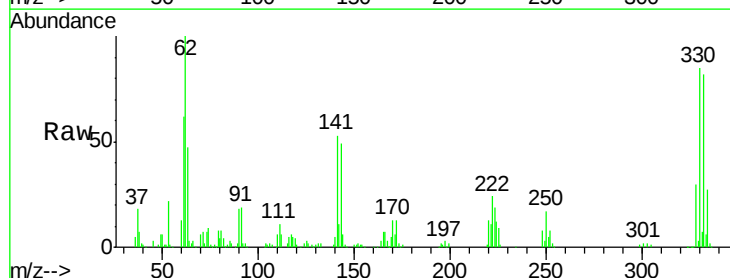


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

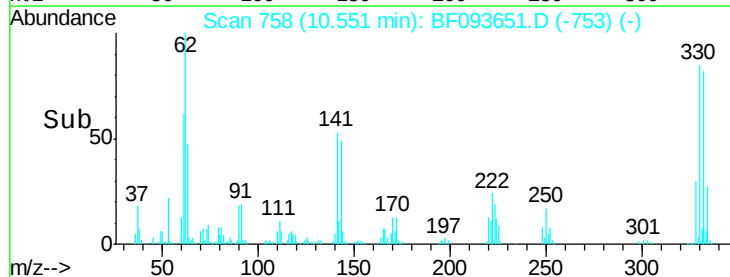
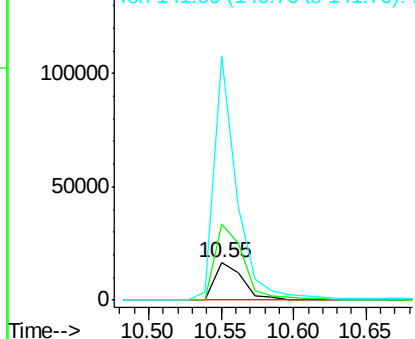


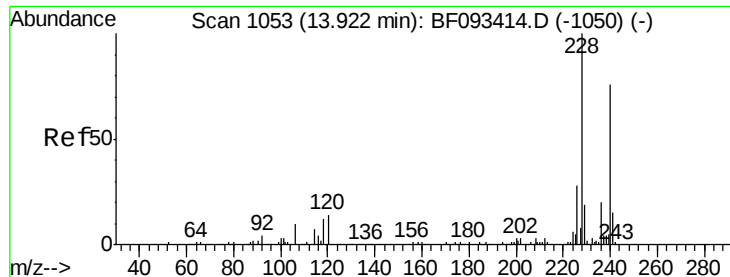
#66
4-Bromophenyl-phenylether
Concen: 3.14 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093651.D
Acq: 14 Mar 2017 11:45

Tgt Ion:248 Resp: 22232
Ion Ratio Lower Upper
248 100
250 204.5 76.9 115.3#
141 650.6 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: 13.89 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF093651.D

Acq: 14 Mar 2017 11:45

Instrument :

BNA_M

ClientSampleID :

PB97542BL

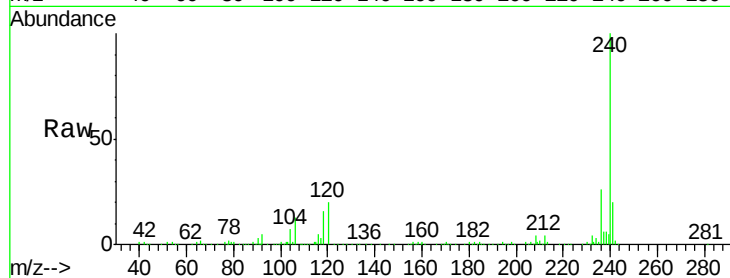
Tot Ion:240 Resp: 548478

Ion Ratio Lower Upper

240 100

120 19.7 12.9 19.3#

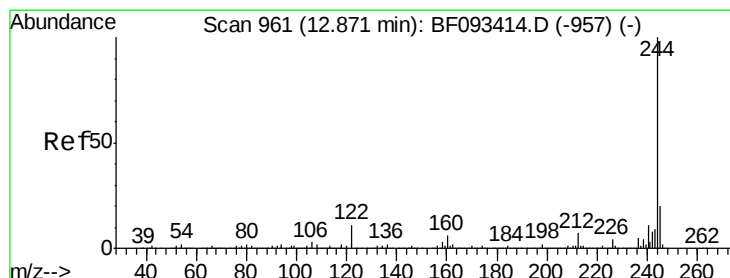
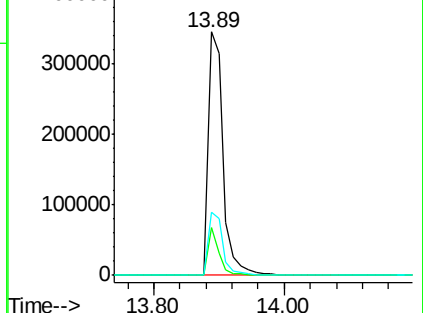
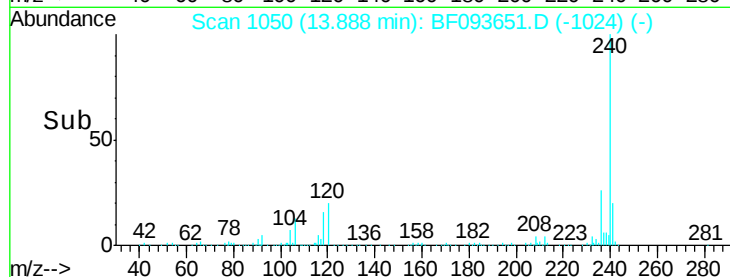
236 25.8 20.9 31.3



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: 67.29 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093651.D

Acq: 14 Mar 2017 11:45

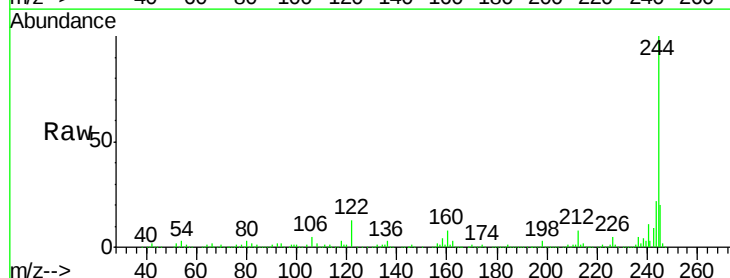
Tgt Ion:244 Resp: 1419636

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

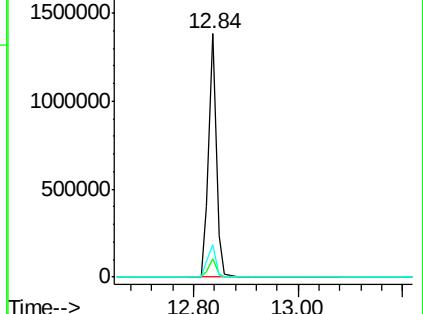
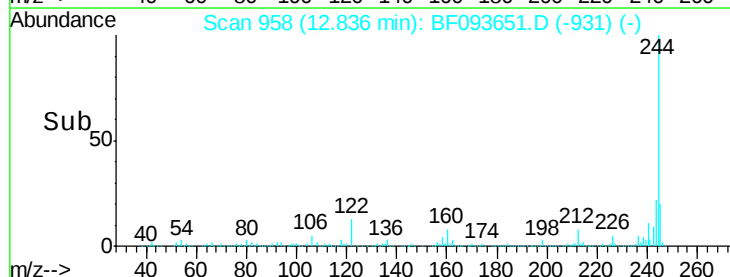
122 13.1 11.4 17.2

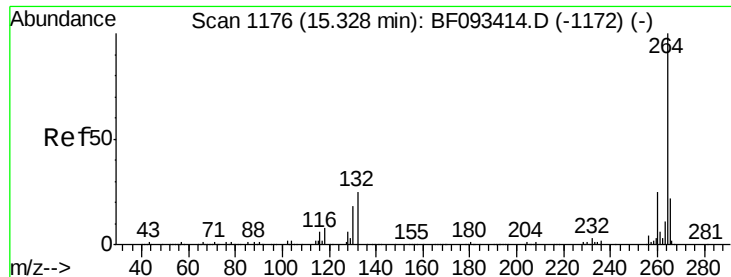


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093651.D
Acq: 14 Mar 2017 11:45

Instrument :
BNA_M
ClientSampleId :
PB97542BL

Tot Ion: 264 Resp: 390870
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.7 17.4 26.0

