

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093659.D
 Acq On : 14 Mar 2017 15:26
 Operator : SJ/MA
 Sample : I12242-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 15 02:34:06 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

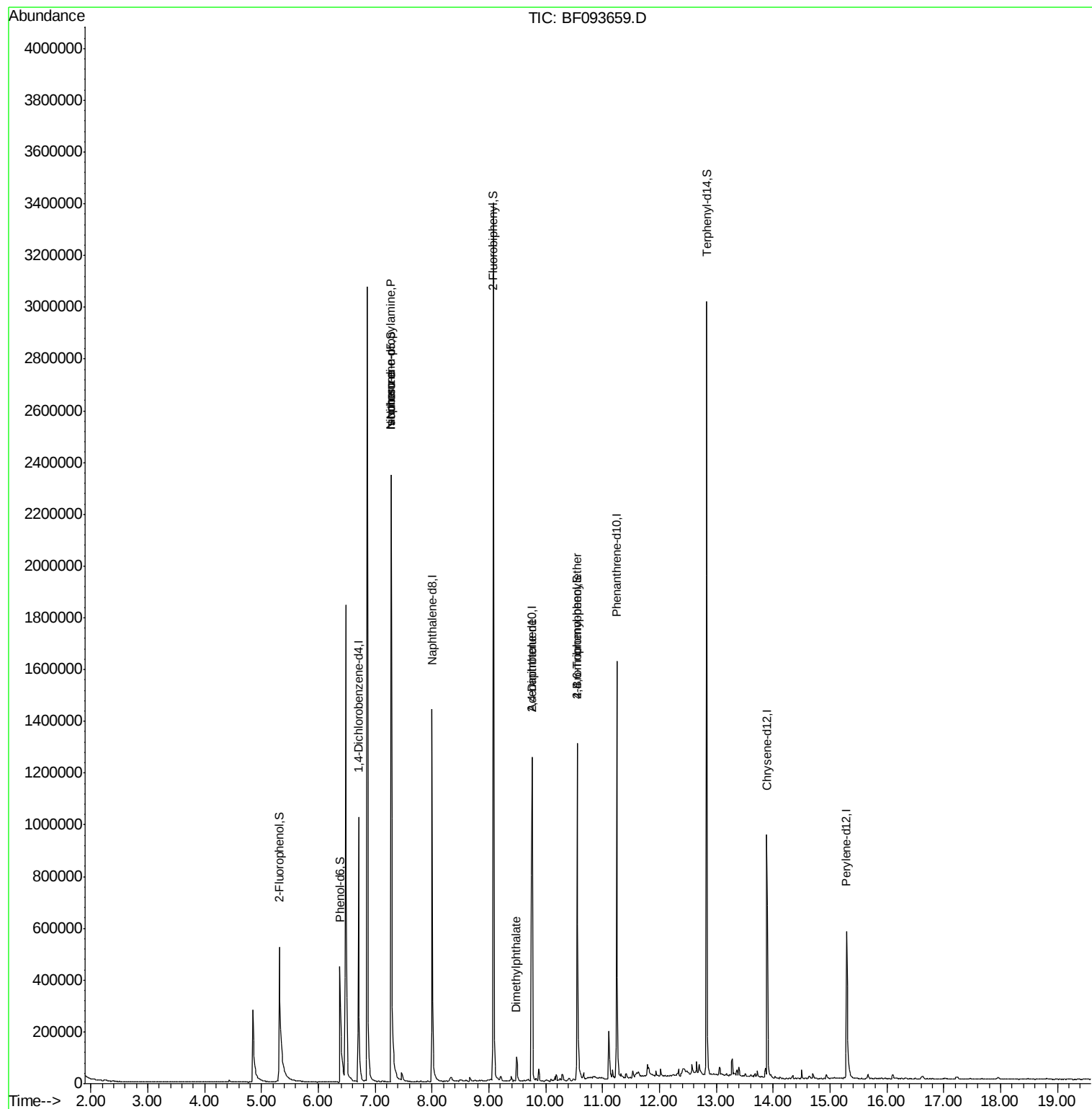
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	177297	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	706732	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	321658	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	604857	20.00	ng	0.00
75) Chrysene-d12	13.89	240	465486	20.00	ng	0.00
86) Perylene-d12	15.29	264	321103	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	332152	31.18	ng	0.00
7) Phenol-d6	6.38	99	297583	22.15	ng	0.00
23) Nitrobenzene-d5	7.28	82	970620	76.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	180304	86.04	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1473349	85.20	ng	-0.01
78) Terphenyl-d14	12.84	244	1168173	65.25	ng	0.01
Target Compounds						
9) Benzaldehyde	6.39	77	1057	Below Cal	#	27
19) n-Nitroso-di-n-propylamine	7.28	70	129157	13.98	ng	# 84
25) Isophorone	7.28	82	963004	37.49	ng	# 65
49) Dimethylphthalate	9.49	163	54321	2.55	ng	# 98
56) 2,4-Dinitrotoluene	9.76	165	39402	6.85	ng	# 20
66) 4-Bromophenyl-phenylether	10.55	248	13394	2.09	ng	# 1

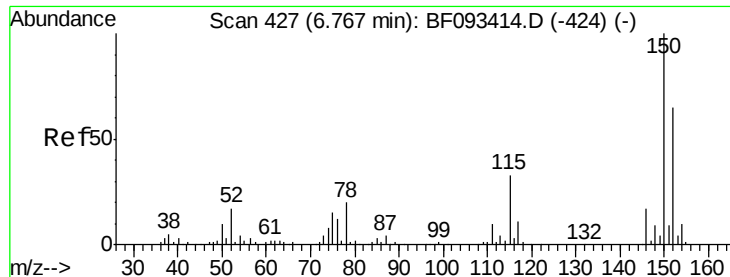
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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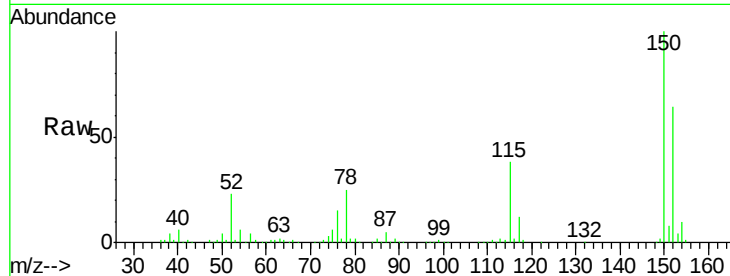


#1

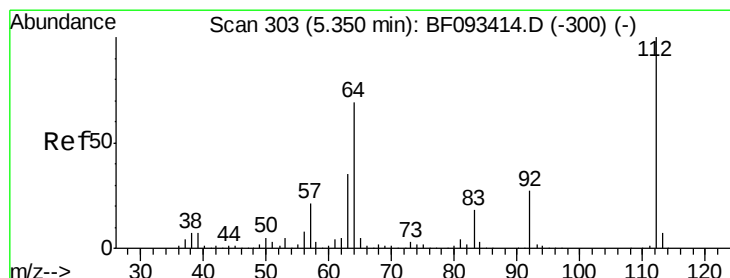
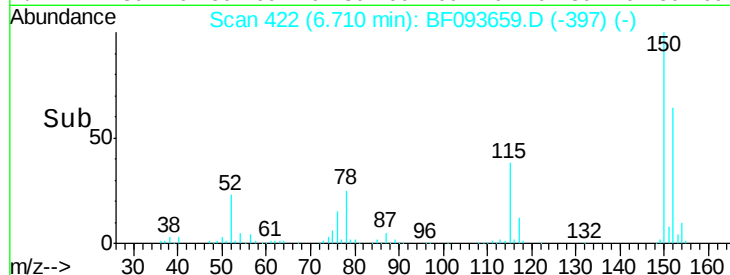
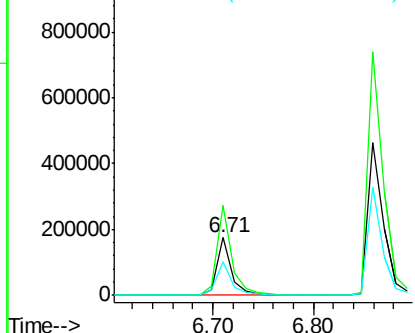
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093659.D
Acq: 14 Mar 2017 15:26

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 177297
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 58.6 46.0 69.0



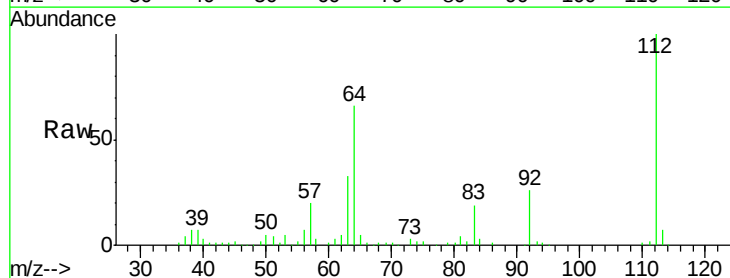
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



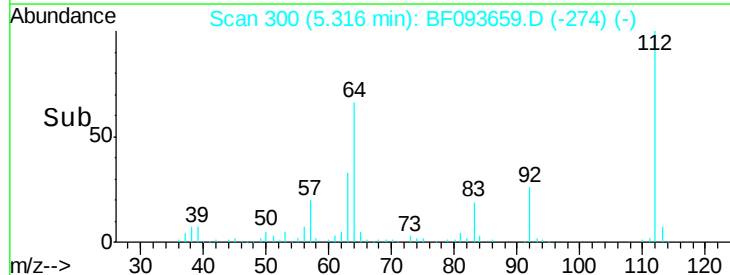
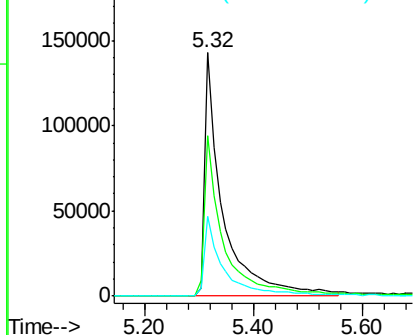
#5

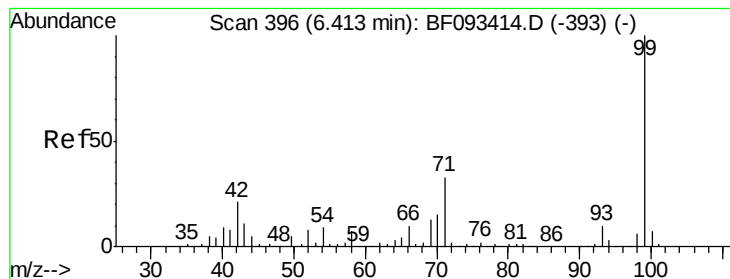
2-Fluorophenol
Concen: 31.18 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093659.D
Acq: 14 Mar 2017 15:26

Tgt Ion:112 Resp: 332152
Ion Ratio Lower Upper
112 100
64 65.7 46.1 69.1
63 32.8 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: 22.15 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093659.D

Acq: 14 Mar 2017 15:26

Instrument :

BNA_M

ClientSampleId :

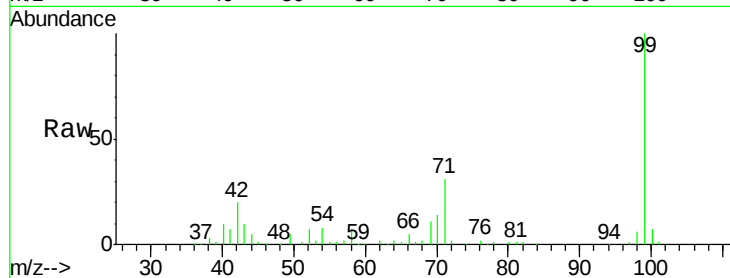
Tot Ion: 99 Resp: 297583

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

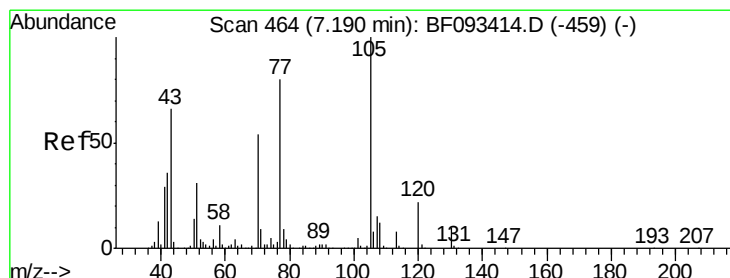
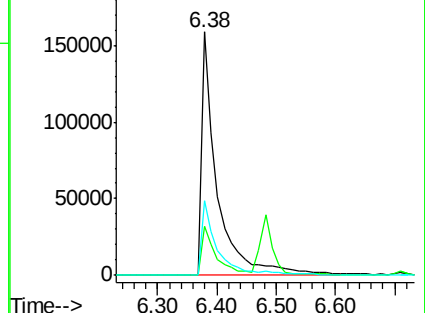
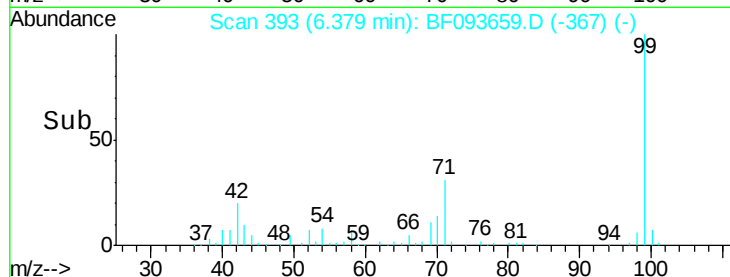
71 30.8 27.5 41.3



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: 13.98 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093659.D

Acq: 14 Mar 2017 15:26

Tgt Ion: 70 Resp: 129157

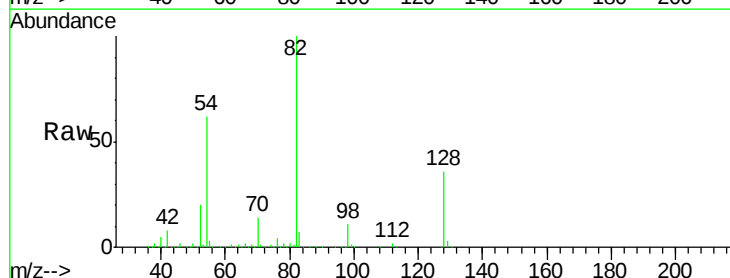
Ion Ratio Lower Upper

70 100

42 55.5 49.4 74.0

101 0.0 7.4 11.2#

130 1.7 14.2 21.4#

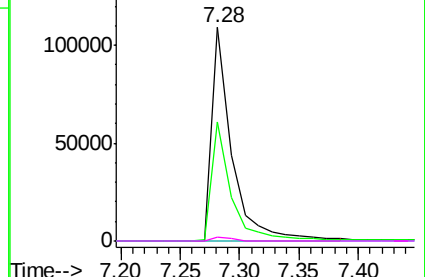
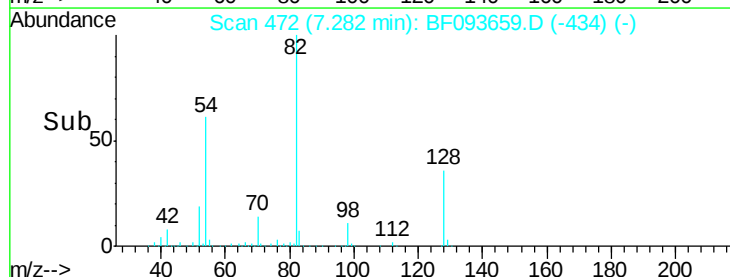


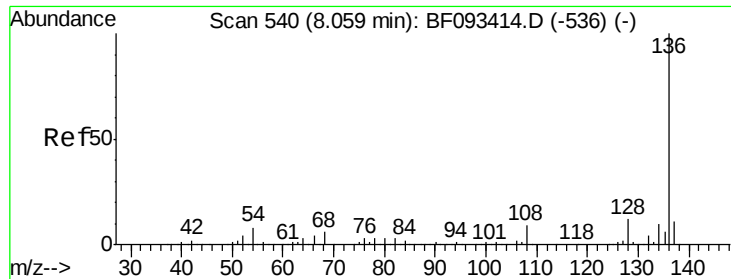
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

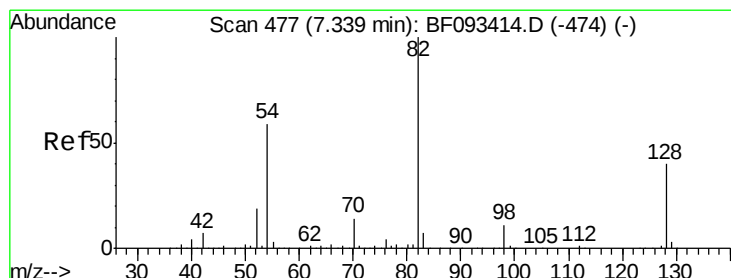
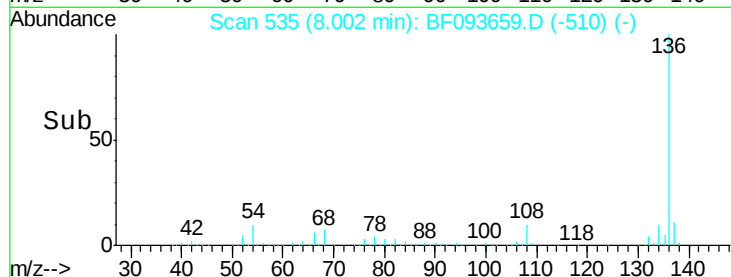
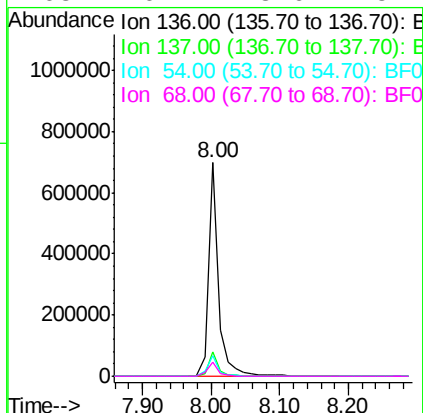
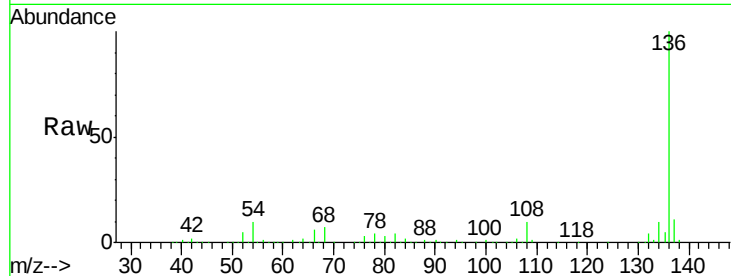




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093659.D
Acq: 14 Mar 2017 15:26

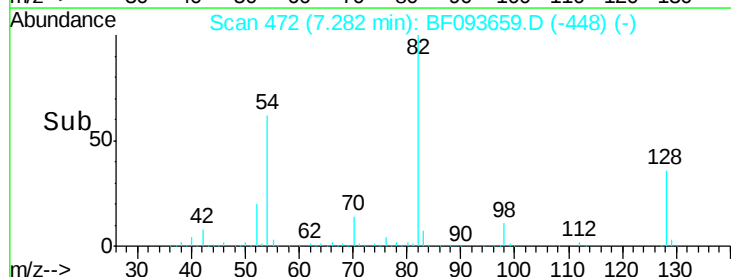
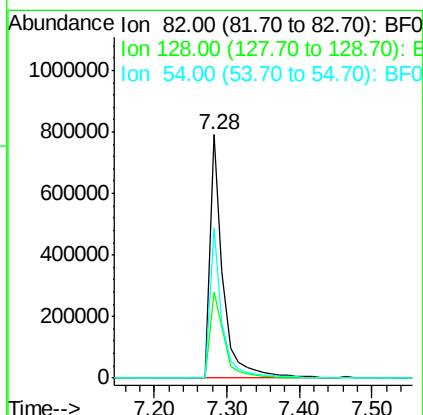
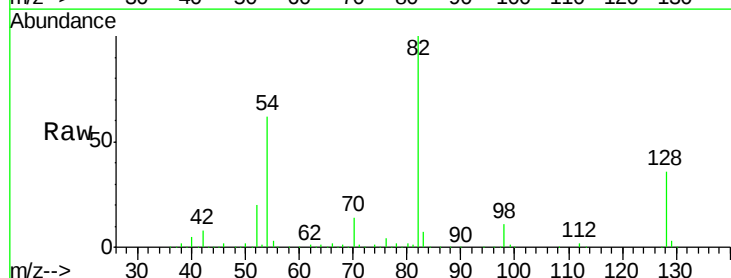
Instrument :
BNA_M
ClientSampled :

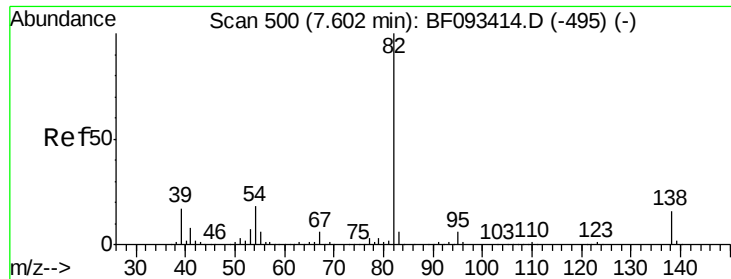
Tot Ion:	136	Resp:	706732
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.6	4.5	6.7#
68	6.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 76.20 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093659.D
Acq: 14 Mar 2017 15:26

Tgt Ion:	82	Resp:	970620
Ion	Ratio	Lower	Upper
82	100		
128	35.6	34.6	52.0
54	61.6	39.5	59.3#

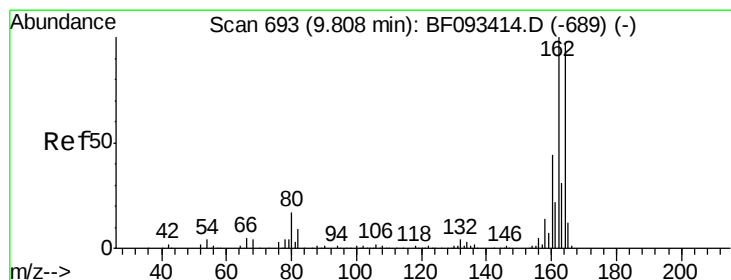
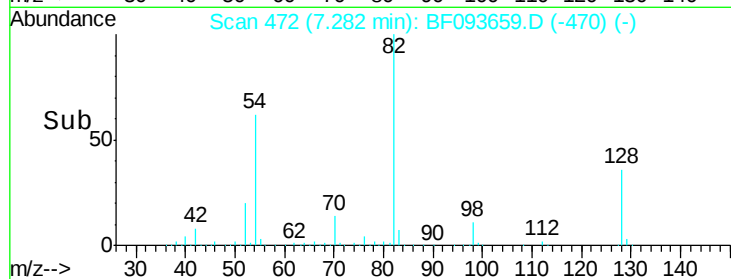
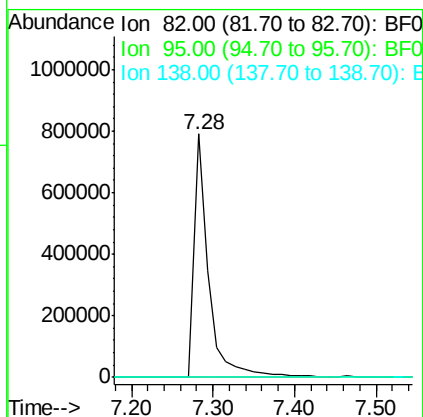
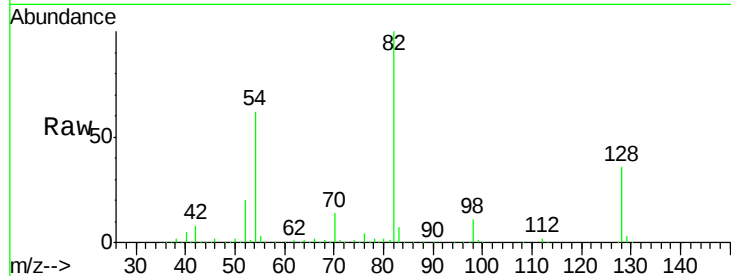




#25
Isophorone
Concen: 37.49 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.27 min
Lab File: BF093659.D
Acq: 14 Mar 2017 15:26

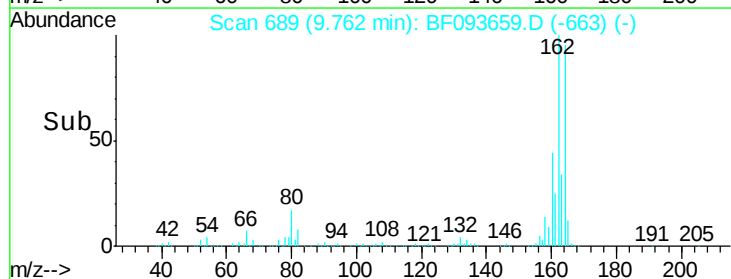
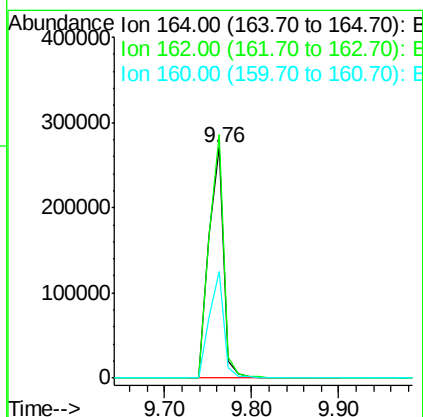
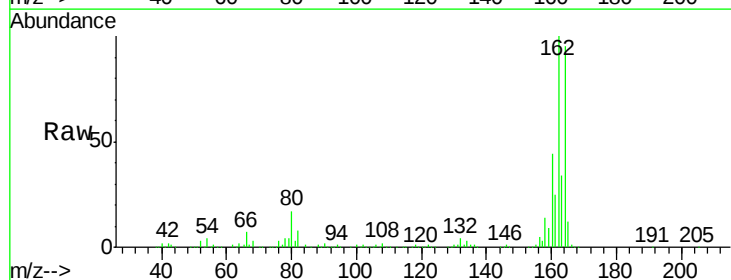
Instrument :
BNA_M
ClientSampled :

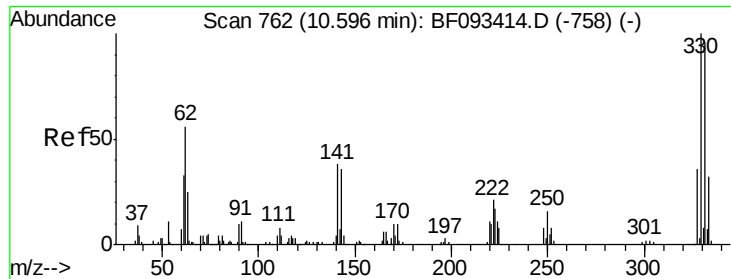
Tot Ion: 82 Resp: 963004
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093659.D
Acq: 14 Mar 2017 15:26

Tgt Ion:164 Resp: 321658
Ion Ratio Lower Upper
164 100
162 105.7 80.2 120.2
160 46.6 36.9 55.3

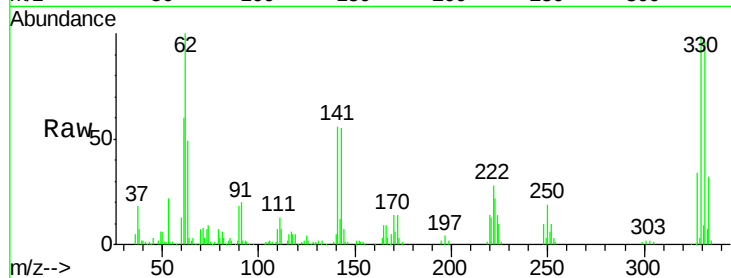




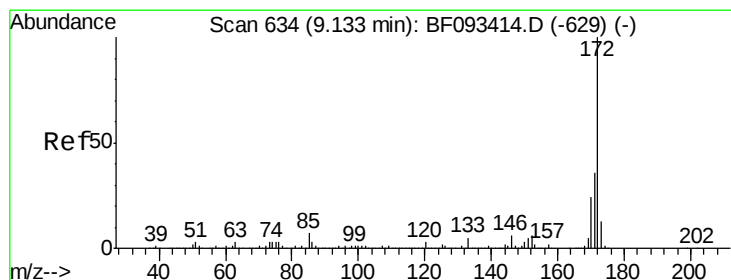
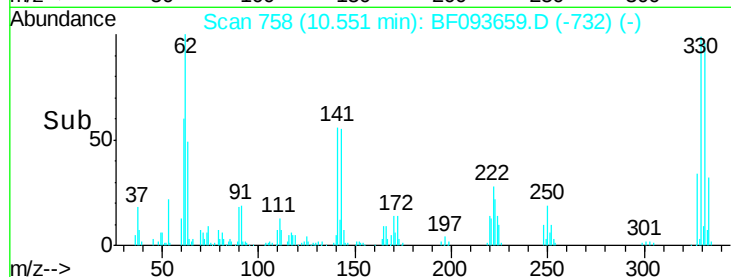
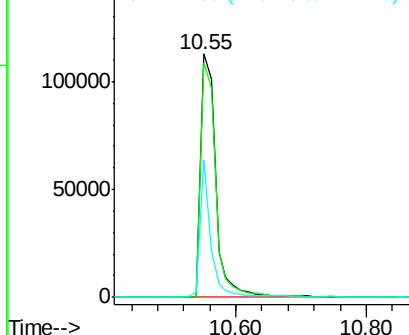
#41
 2,4,6-Tribromophenol
 Concen: 86.04 ng
 RT: 10.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF093659.D
 Acq: 14 Mar 2017 15:26

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 180304
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 39.6 34.1 51.1

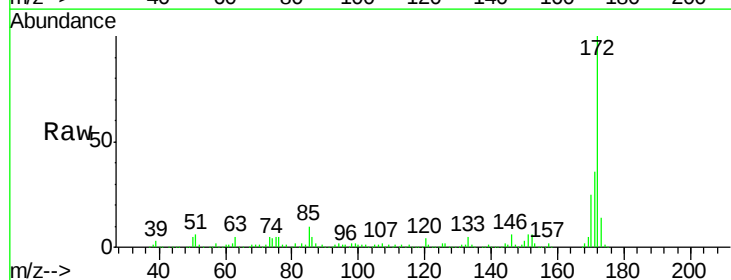


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

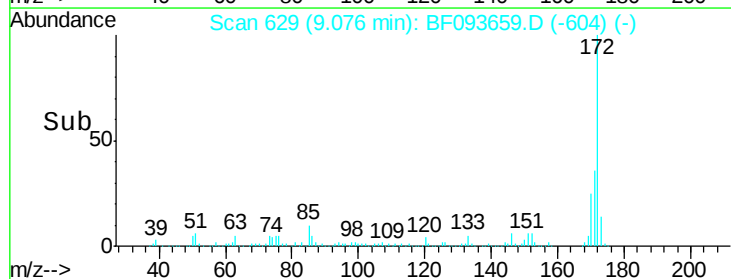
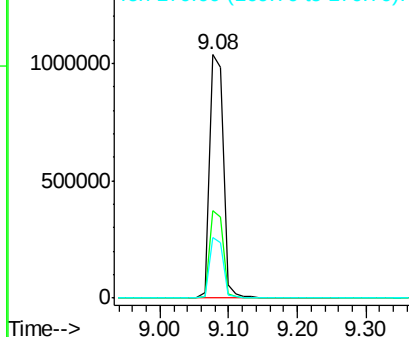


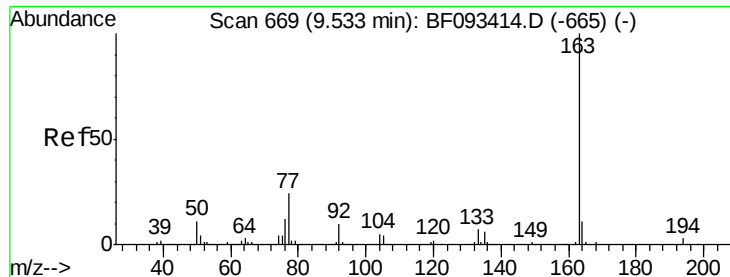
#44
 2-Fluorobiphenyl
 Concen: 85.20 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093659.D
 Acq: 14 Mar 2017 15:26

Tgt Ion:172 Resp: 1473349
 Ion Ratio Lower Upper
 172 100
 171 36.1 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





#49

Dimethylphthalate

Concen: 2.55 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093659.D

Acq: 14 Mar 2017 15:26

Instrument :

BNA_M

ClientSampled :

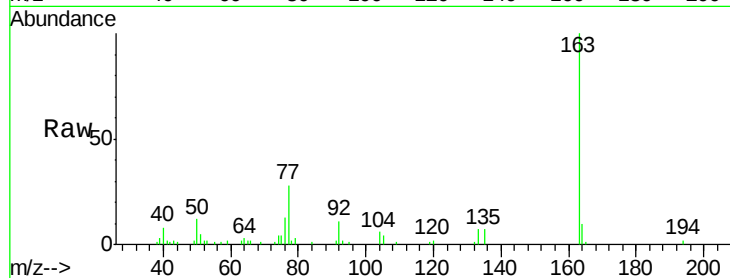
Tot Ion:163 Resp: 54321

Ion Ratio Lower Upper

163 100

194 2.3 3.0 4.4#

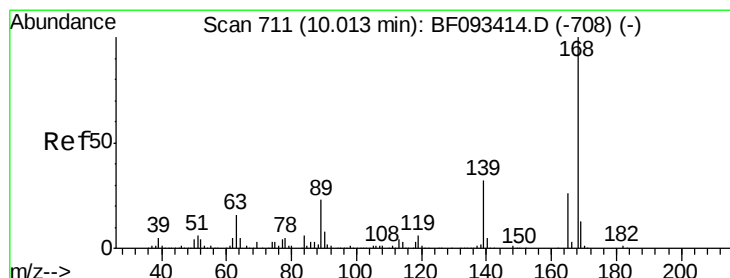
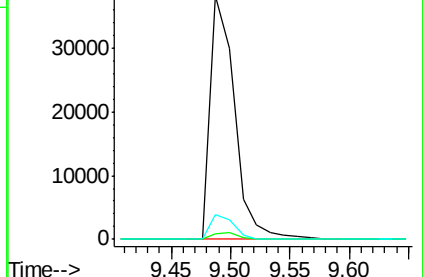
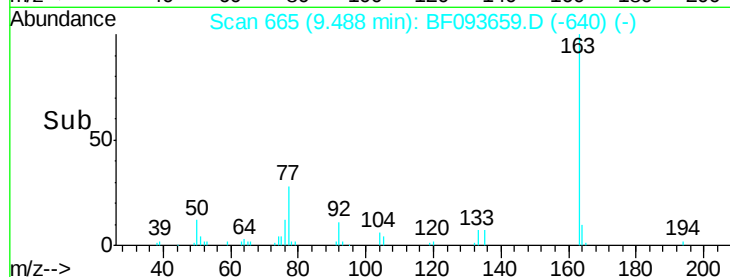
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.85 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.22 min

Lab File: BF093659.D

Acq: 14 Mar 2017 15:26

Tgt Ion:165 Resp: 39402

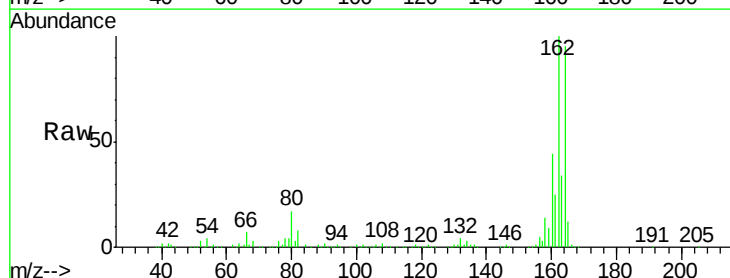
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.7 62.5 93.7#

182 0.0 1.8 2.8#

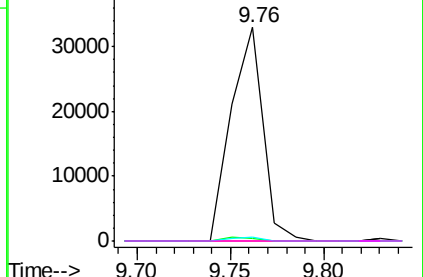
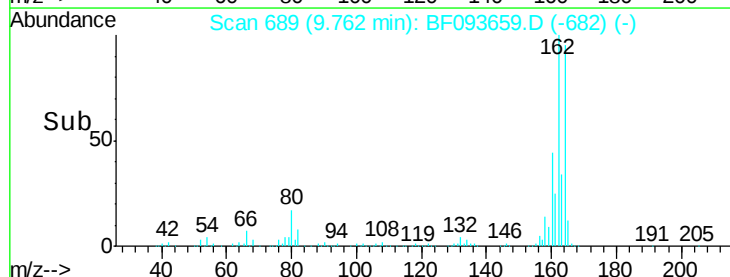


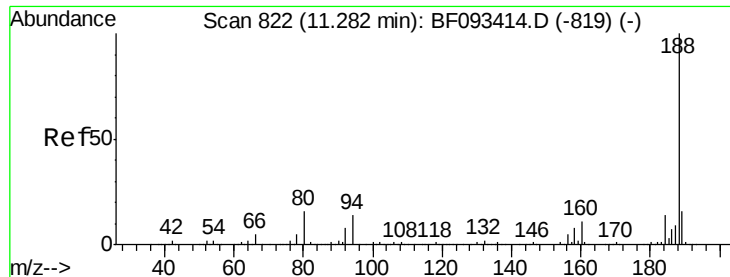
Abundance Ion 165.00 (164.70 to 165.70): E

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

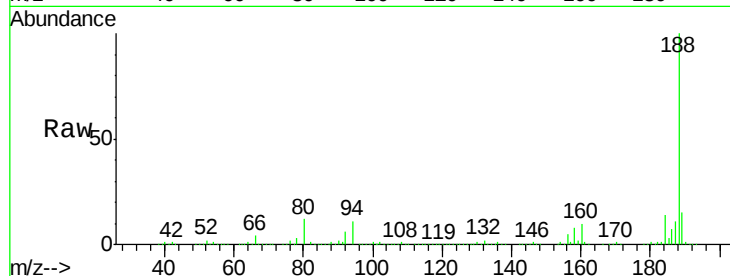




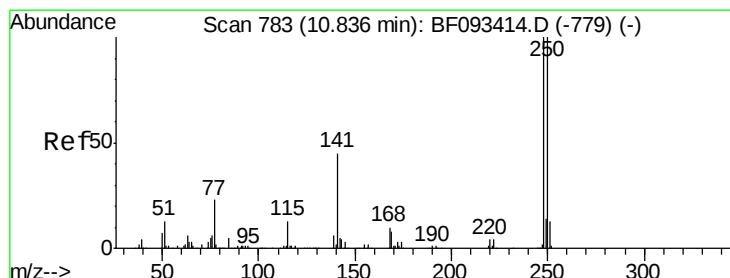
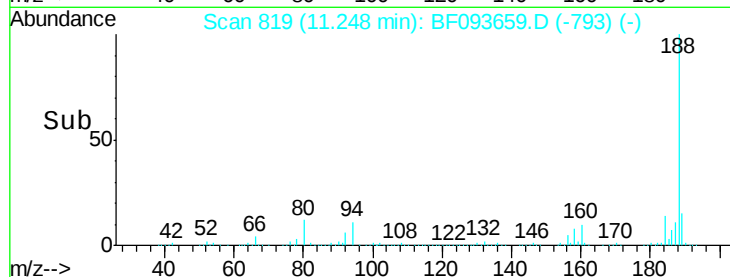
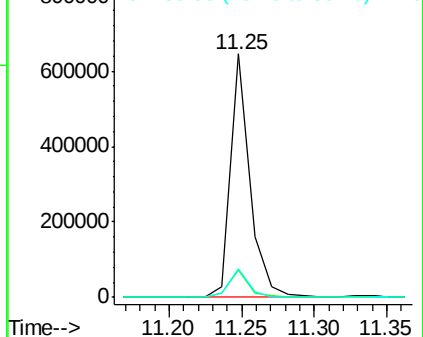
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093659.D
Acq: 14 Mar 2017 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 604857
Ion Ratio Lower Upper
188 100
94 11.2 10.0 15.0
80 11.9 11.2 16.8

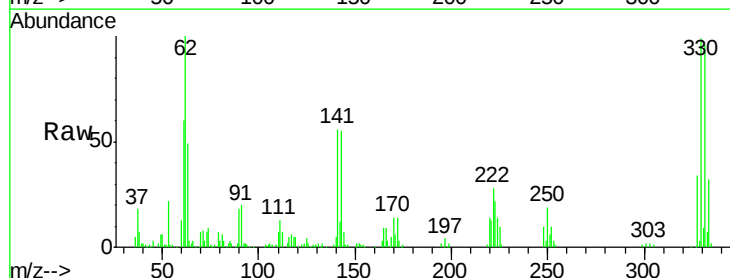


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

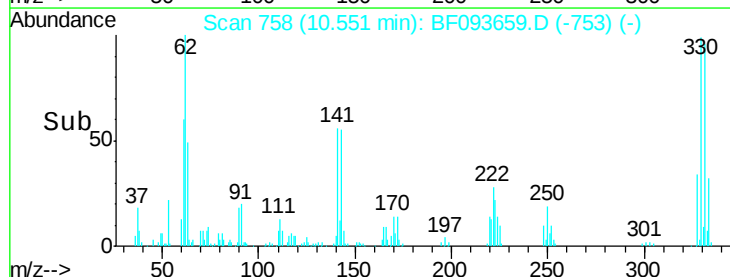
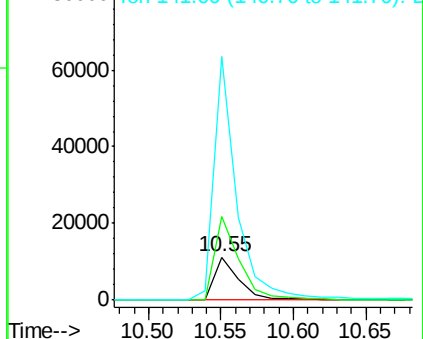


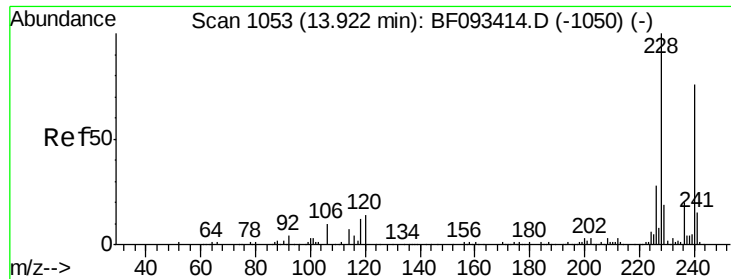
#66
4-Bromophenyl-phenylether
Concen: 2.09 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093659.D
Acq: 14 Mar 2017 15:26

Tgt Ion:248 Resp: 13394
Ion Ratio Lower Upper
248 100
250 193.7 76.9 115.3#
141 567.0 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: BF093659.D

Acq: 14 Mar 2017 15:26

Instrument :

BNA_M

ClientSampleId :

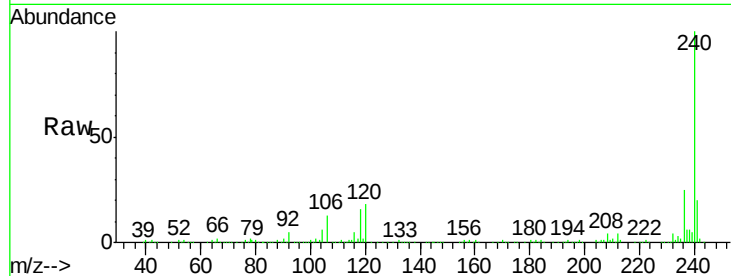
Tot Ion:240 Resp: 465486

Ion Ratio Lower Upper

240 100

120 18.2 12.9 19.3

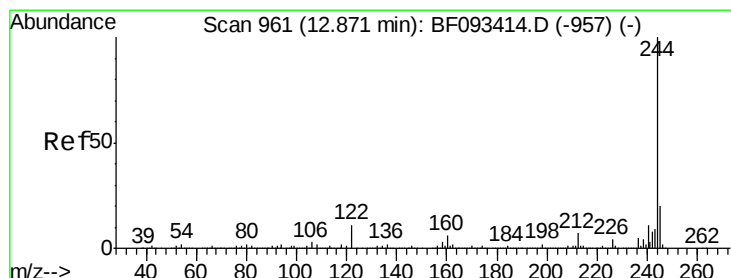
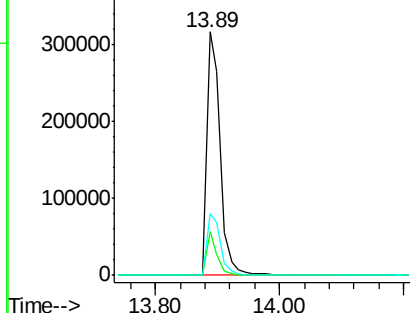
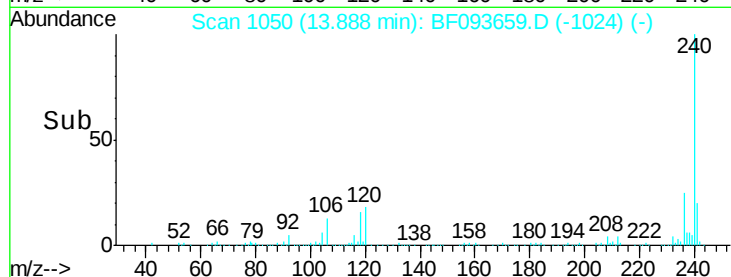
236 25.3 20.9 31.3



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: 65.25 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093659.D

Acq: 14 Mar 2017 15:26

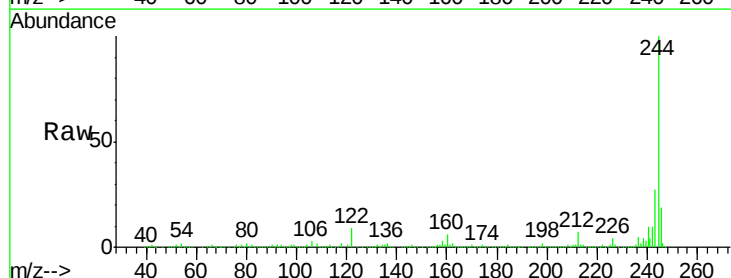
Tgt Ion:244 Resp: 1168173

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

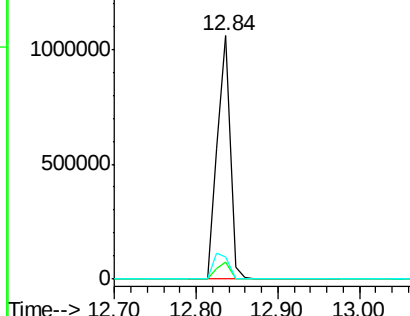
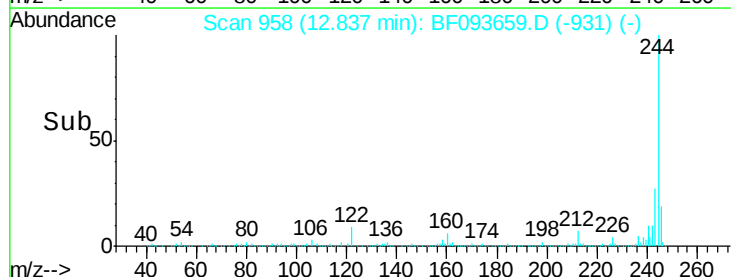
122 9.2 11.4 17.2#

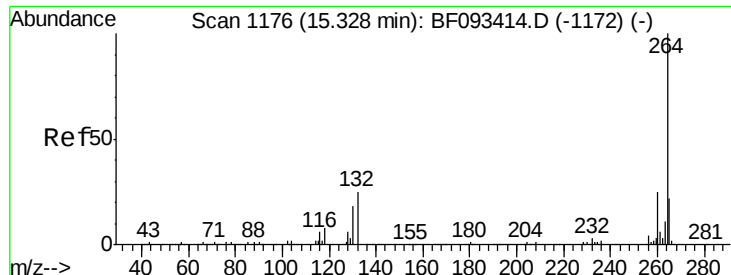


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

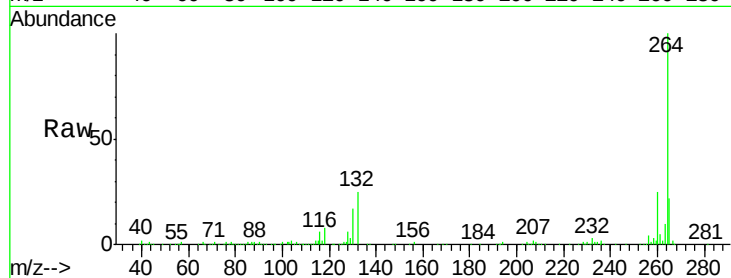




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093659.D
Acq: 14 Mar 2017 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.6	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

