

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093654.D
 Acq On : 14 Mar 2017 13:08
 Operator : SJ/MA
 Sample : PB97559BL
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97558BL

Quant Time: Mar 15 02:32:08 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

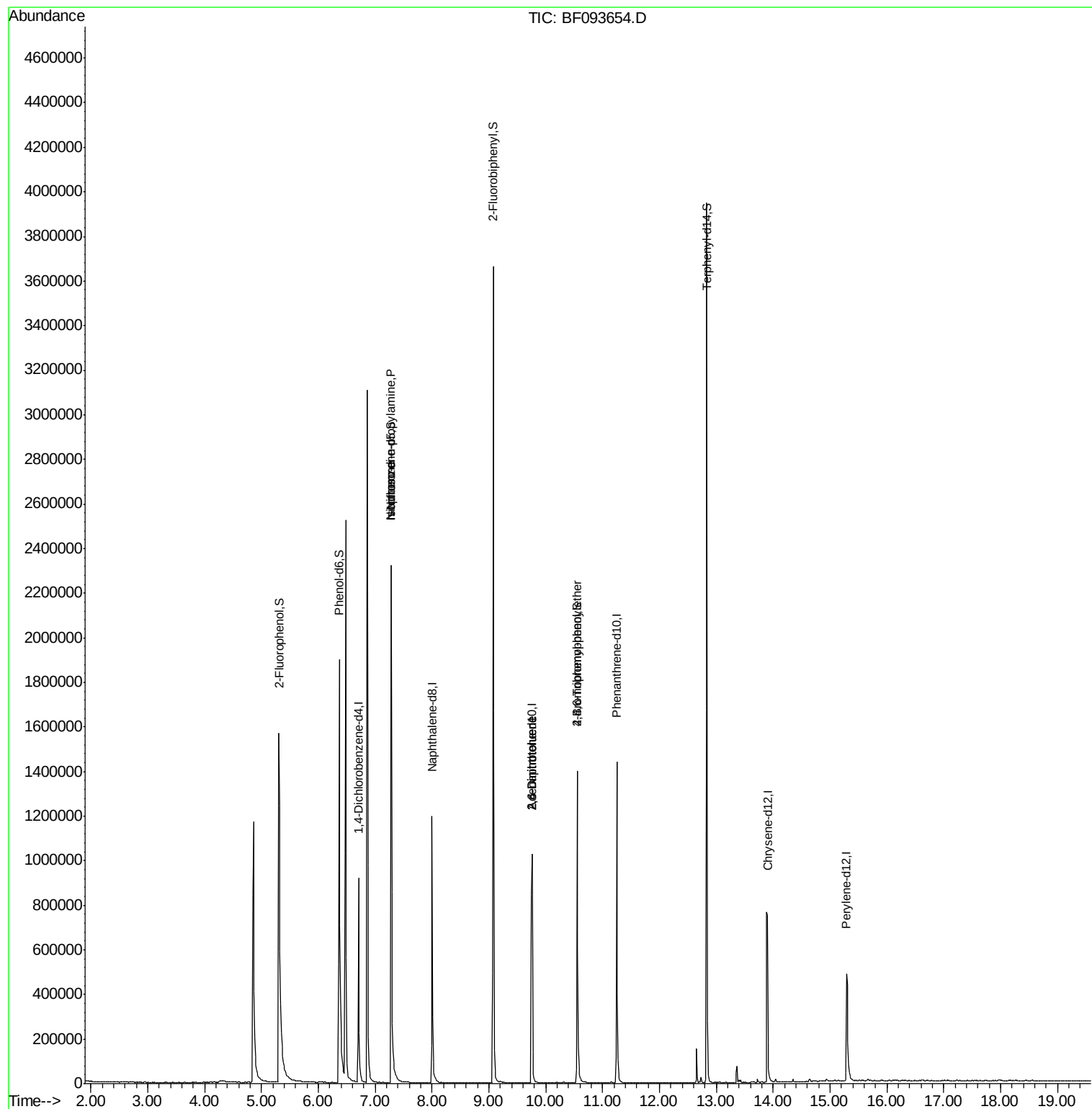
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	158692	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	636979	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	299510	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	579685	20.00	ng	0.00
75) Chrysene-d12	13.90	240	459013	20.00	ng	0.01
86) Perylene-d12	15.29	264	315972	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	861853	90.39	ng	-0.01
7) Phenol-d6	6.37	99	1026562	85.38	ng	-0.01
23) Nitrobenzene-d5	7.28	82	924018	80.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	177449	90.94	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1423063	88.38	ng	-0.01
78) Terphenyl-d14	12.84	244	1302442	73.77	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	1239	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	119166	14.42	ng	# 85
25) Isophorone	7.28	82	915755	39.56	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	37538	8.62	ng	# 30
56) 2,4-Dinitrotoluene	9.76	165	37539	7.01	ng	# 19
66) 4-Bromophenyl-phenylether	10.55	248	14250	2.32	ng	# 1

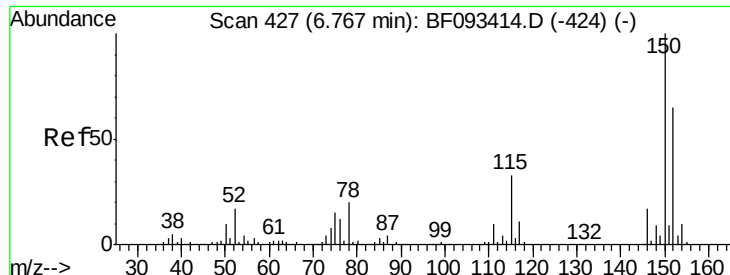
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093654.D

Acq: 14 Mar 2017 13:08

Instrument :

BNA_M

ClientSampleId :

PB97558BL

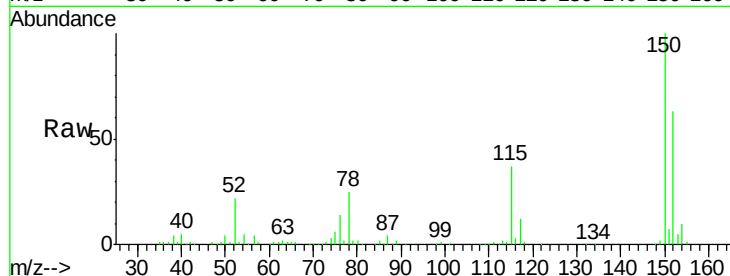
Tot Ion:152 Resp: 158692

Ion Ratio Lower Upper

152 100

150 157.6 124.9 187.3

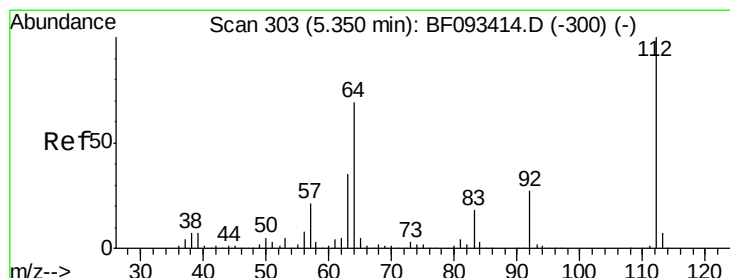
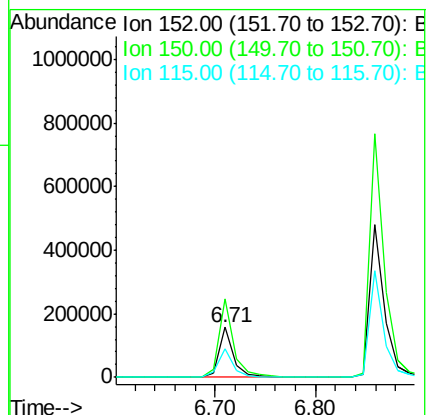
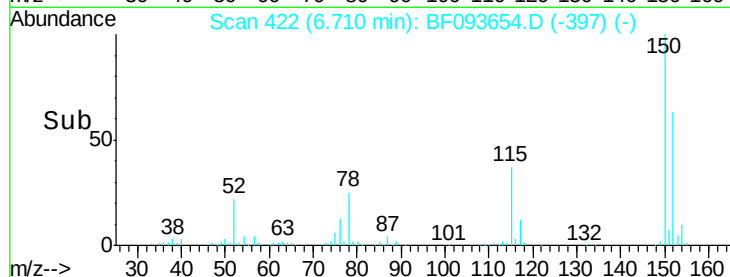
115 57.9 46.0 69.0



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: 90.39 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093654.D

Acq: 14 Mar 2017 13:08

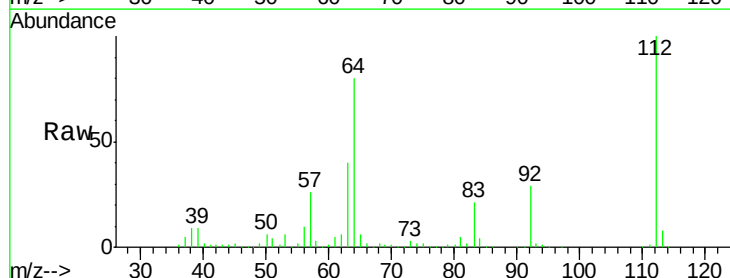
Tgt Ion:112 Resp: 861853

Ion Ratio Lower Upper

112 100

64 79.6 46.1 69.1#

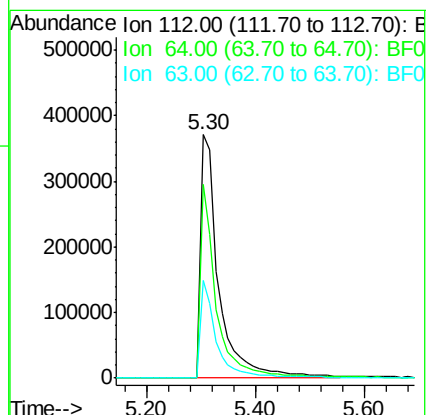
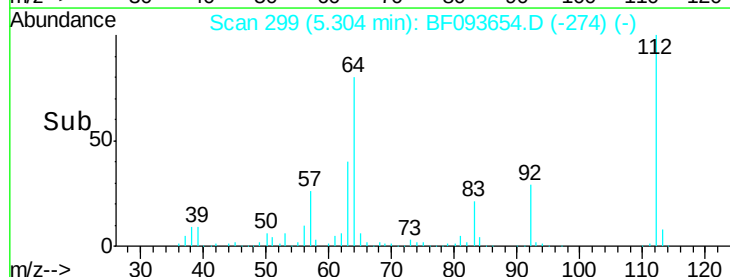
63 40.3 23.8 35.6#

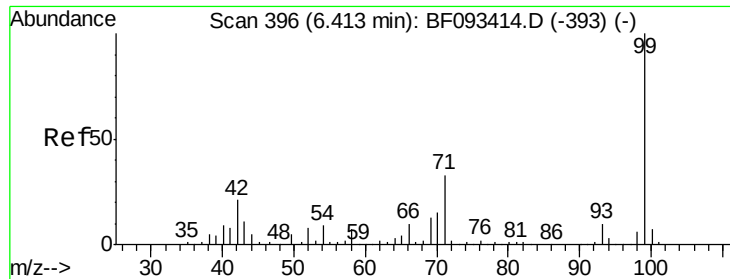


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.38 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093654.D

Acq: 14 Mar 2017 13:08

Instrument :

BNA_M

ClientSampleId :

PB97558BL

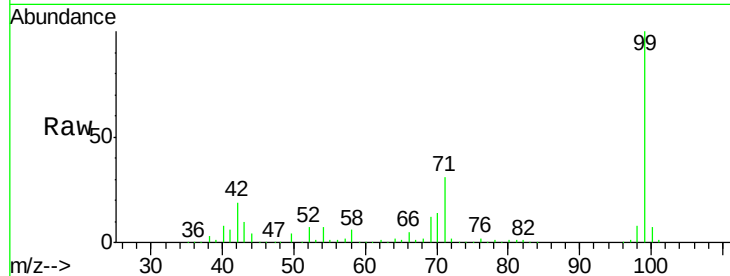
Tot Ion: 99 Resp: 1026562

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

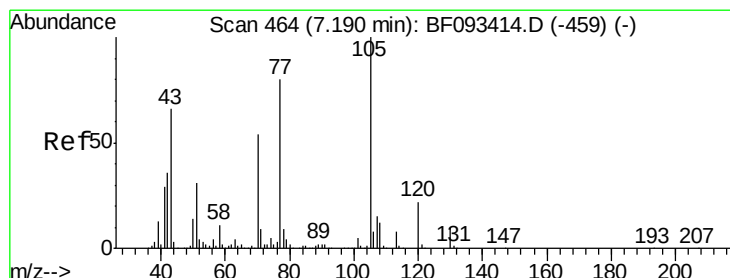
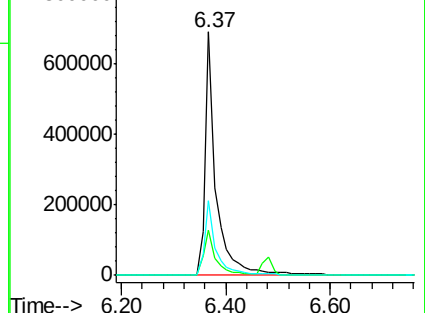
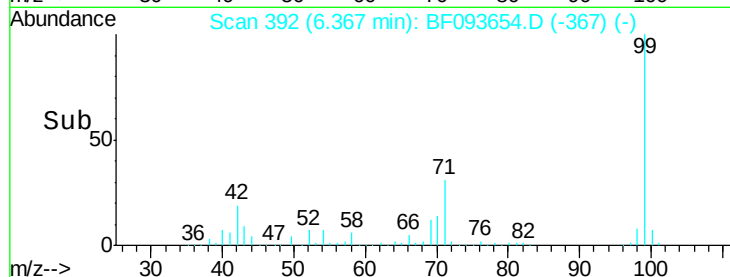
71 30.6 27.5 41.3



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: 14.42 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093654.D

Acq: 14 Mar 2017 13:08

Tgt Ion: 70 Resp: 119166

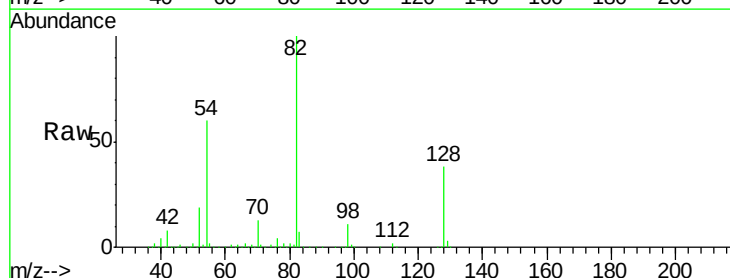
Ion Ratio Lower Upper

70 100

42 56.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

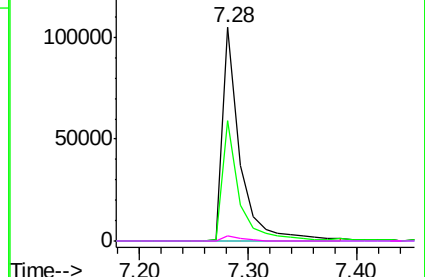
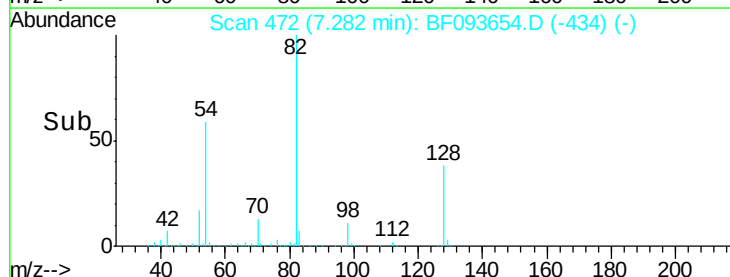


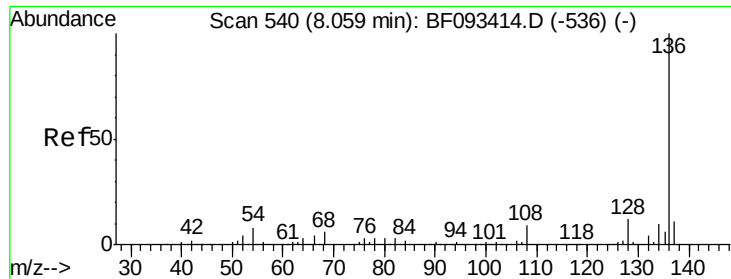
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

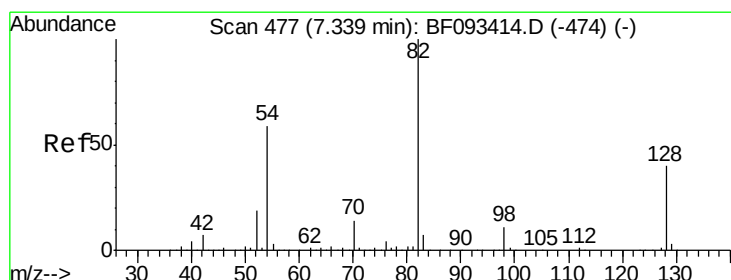
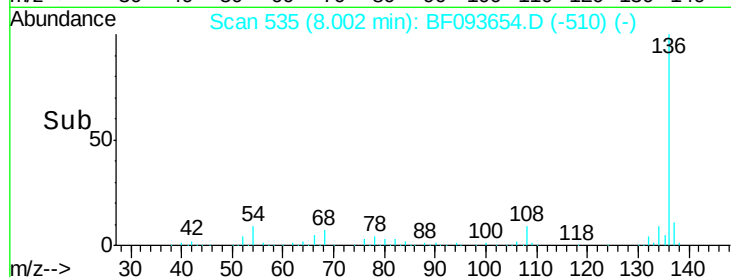
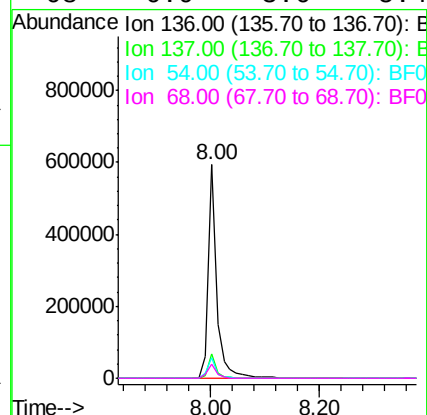
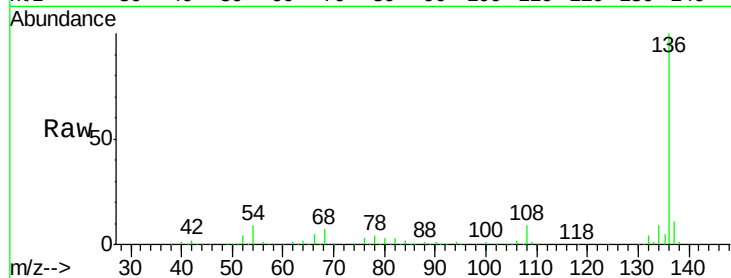




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093654.D
Acq: 14 Mar 2017 13:08

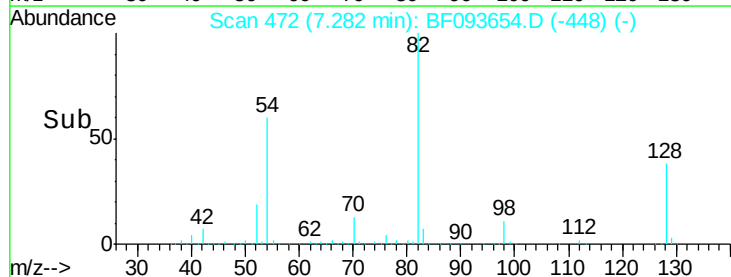
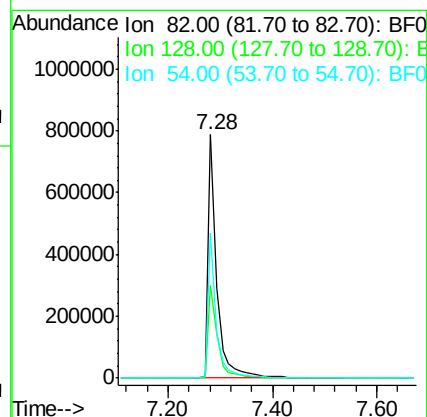
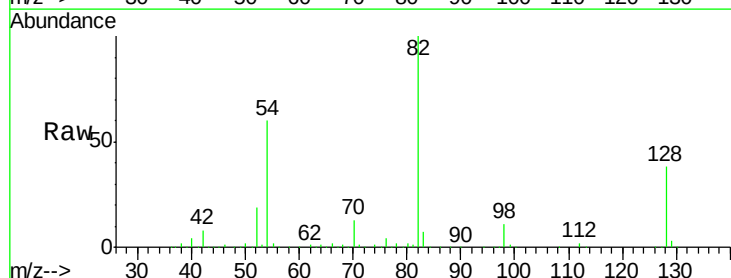
Instrument :
BNA_M
ClientSampleId :
PB97558BL

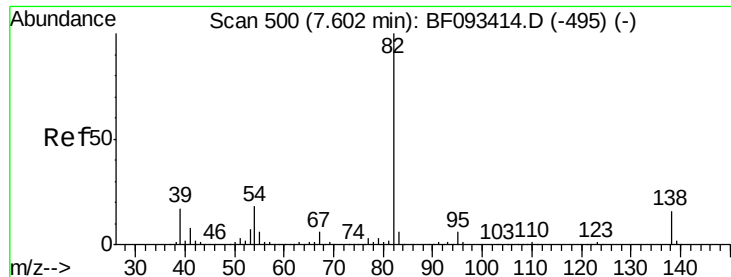
Tot Ion:136	Resp: 636979
Ion Ratio	Lower Upper
136 100	
137 11.4	8.4 12.6
54 9.3	4.5 6.7#
68 6.9	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 80.49 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093654.D
Acq: 14 Mar 2017 13:08

Tgt	Ion: 82	Resp:	924018
Ion	Ratio	Lower	Upper
82	100		
128	38.0	34.6	52.0
54	59.6	39.5	59.3#





#25

Isophorone

Concen: 39.56 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093654.D

Acq: 14 Mar 2017 13:08

Instrument :

BNA_M

ClientSampleId :

PB97558BL

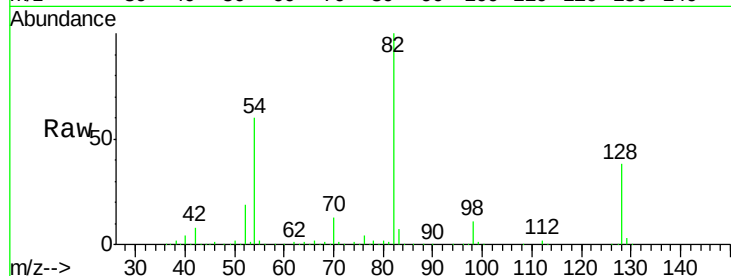
Tot Ion: 82 Resp: 915755

Ion Ratio Lower Upper

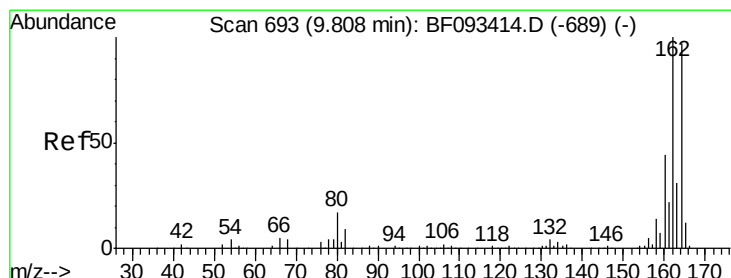
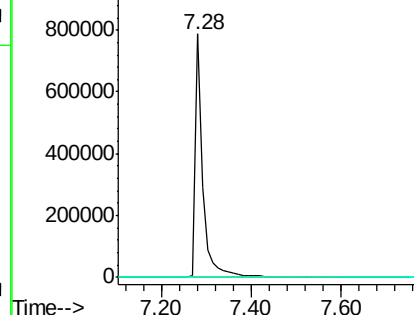
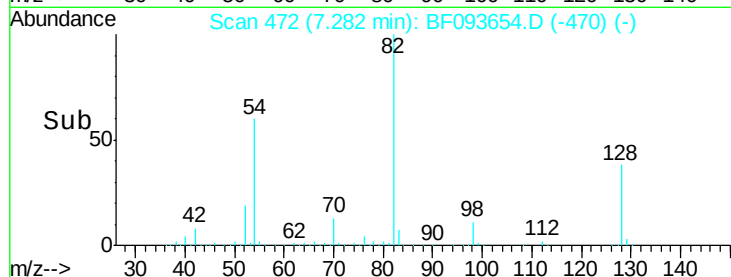
82 100

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: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093654.D

Acq: 14 Mar 2017 13:08

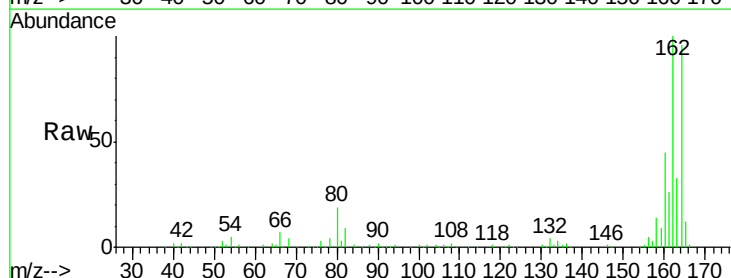
Tgt Ion: 164 Resp: 299510

Ion Ratio Lower Upper

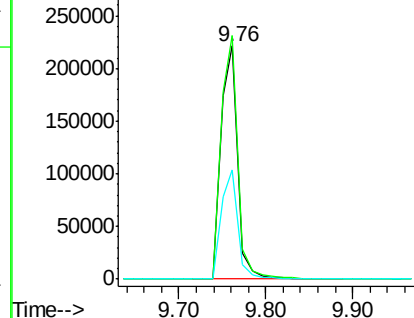
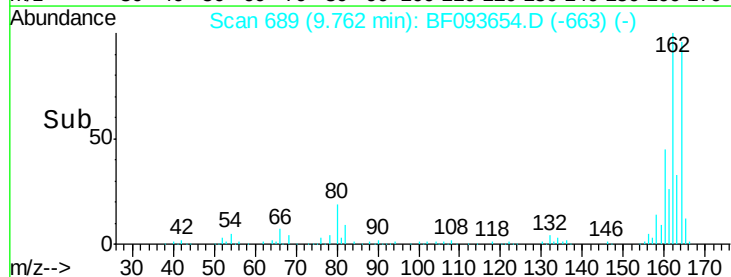
164 100

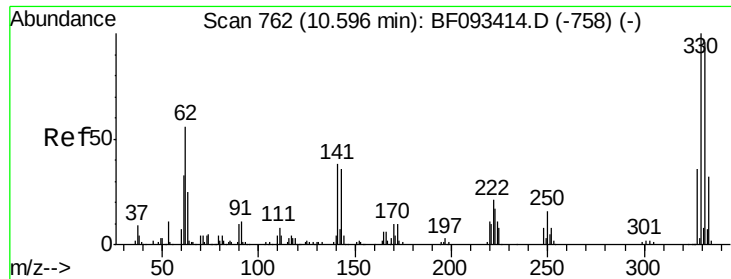
162 104.5 80.2 120.2

160 47.1 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

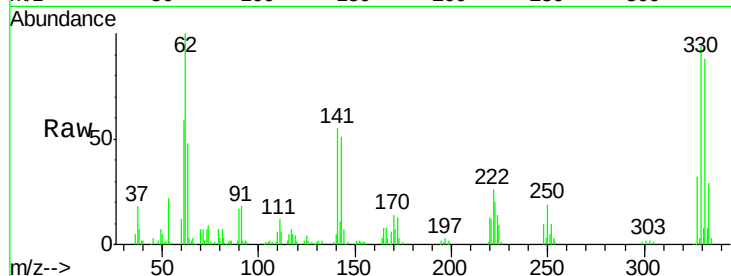




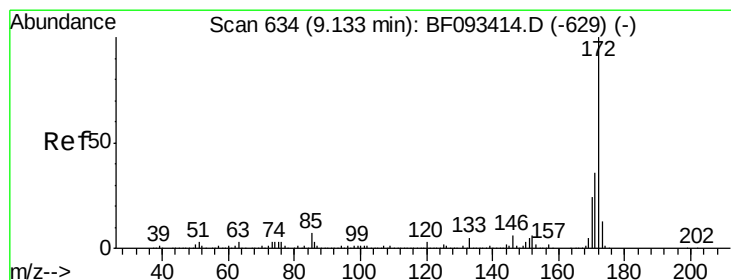
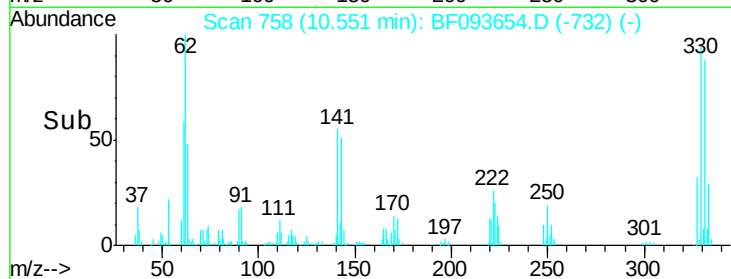
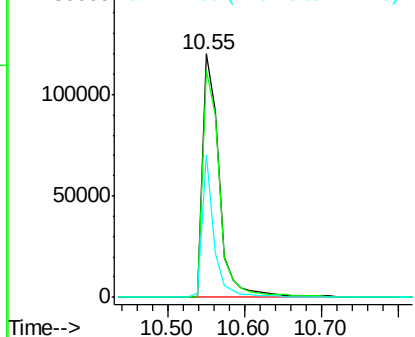
#41
 2,4,6-Tribromophenol
 Concen: 90.94 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093654.D
 Acq: 14 Mar 2017 13:08

Instrument :
 BNA_M
 ClientSampleId :
 PB97558BL

Tot Ion:330 Resp: 177449
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 42.3 34.1 51.1

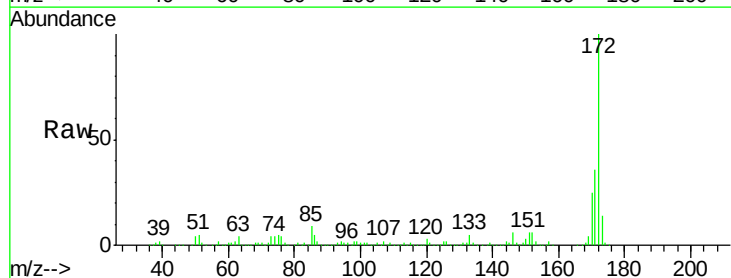


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

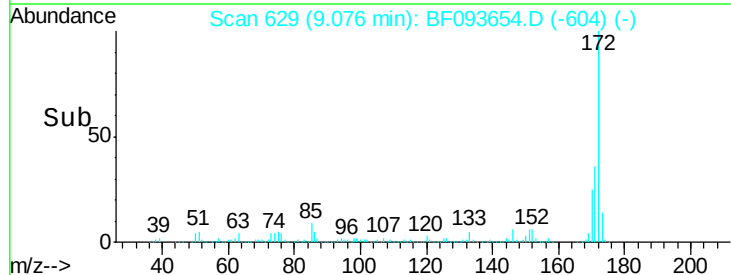
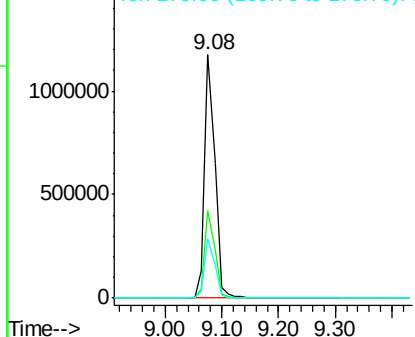


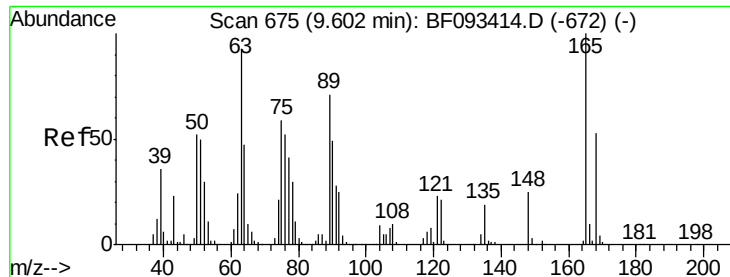
#44
 2-Fluorobiphenyl
 Concen: 88.38 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093654.D
 Acq: 14 Mar 2017 13:08

Tgt Ion:172 Resp: 1423063
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

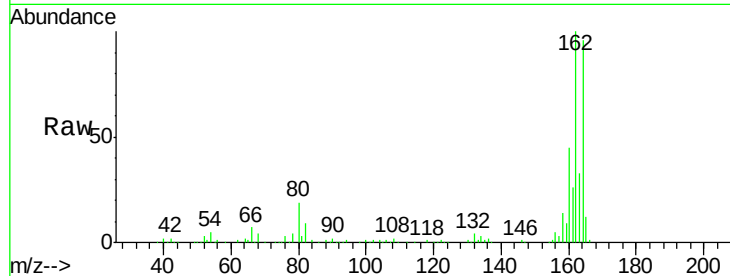




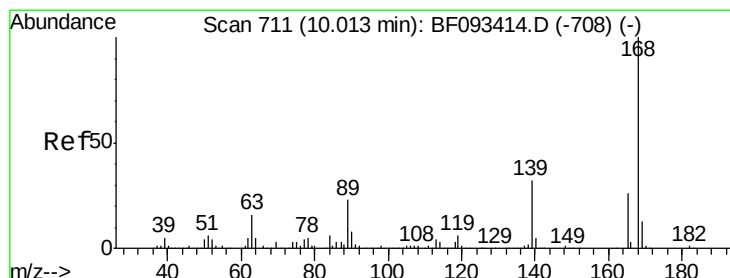
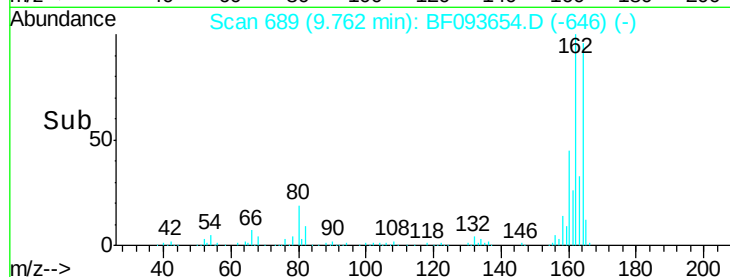
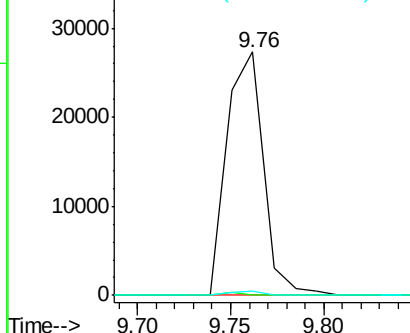
#50
2,6-Dinitrotoluene
Concen: 8.62 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.19 min
Lab File: BF093654.D
Acq: 14 Mar 2017 13:08

Instrument :
BNA_M
ClientSampleId :
PB97558BL

Tot Ion:165 Resp: 37538
Ion Ratio Lower Upper
165 100
63 0.0 36.2 54.4#
89 1.5 40.2 60.4#

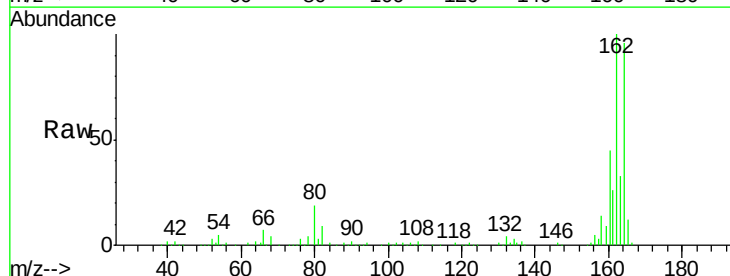


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

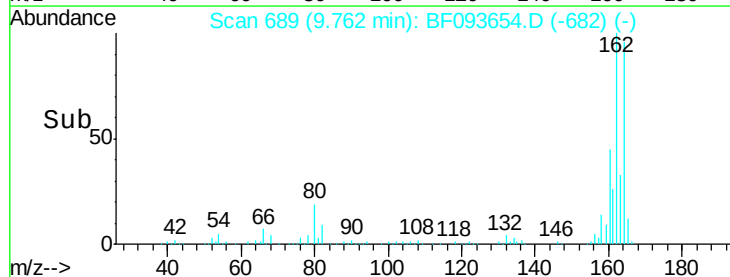
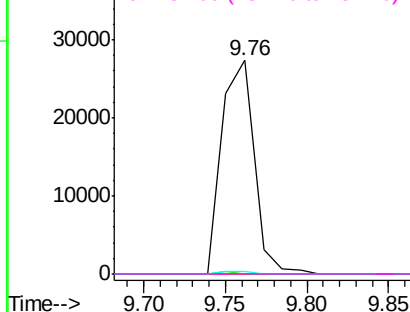


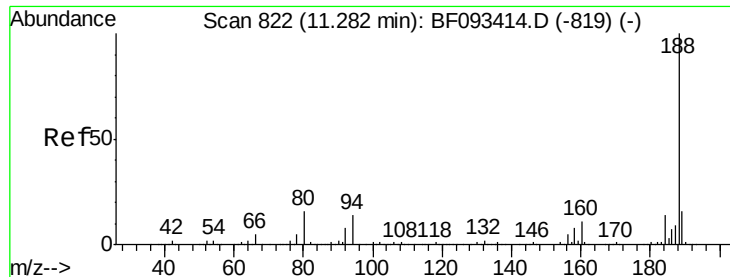
#56
2,4-Dinitrotoluene
Concen: 7.01 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.22 min
Lab File: BF093654.D
Acq: 14 Mar 2017 13:08

Tgt Ion:165 Resp: 37539
Ion Ratio Lower Upper
165 100
63 0.0 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

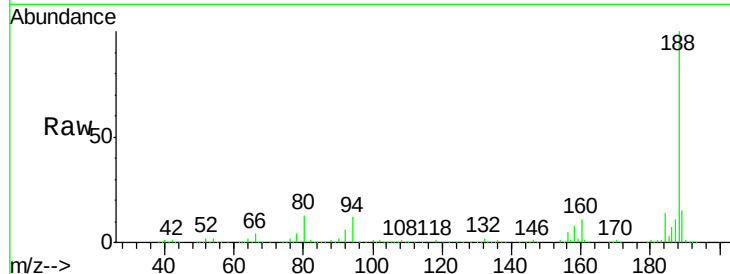




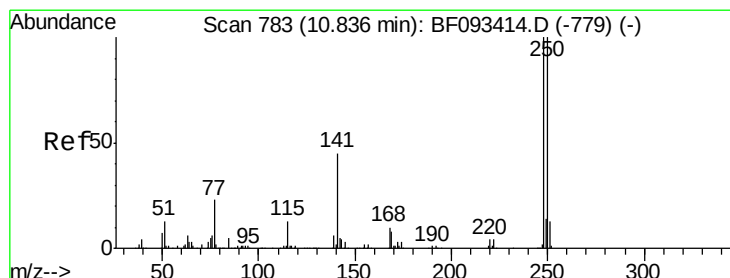
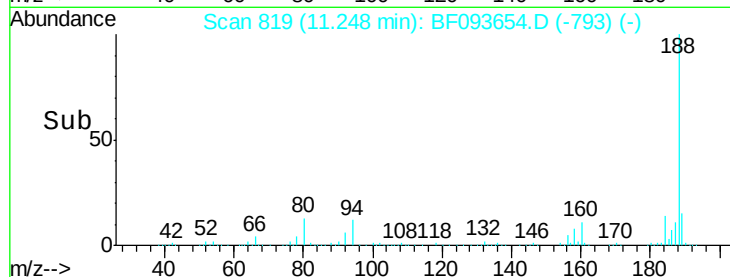
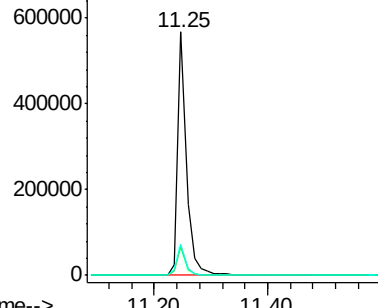
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093654.D
Acq: 14 Mar 2017 13:08

Instrument :
BNA_M
ClientSampleId :
PB97558BL

Tot Ion:188 Resp: 579685
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 12.6 11.2 16.8

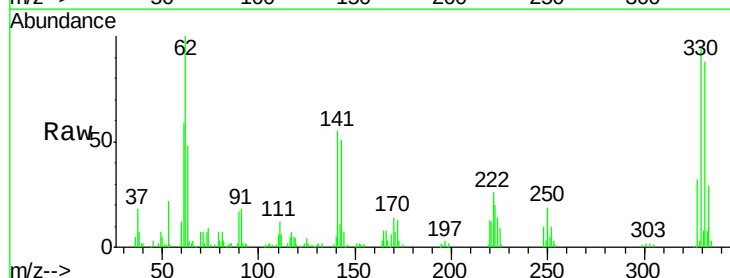


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

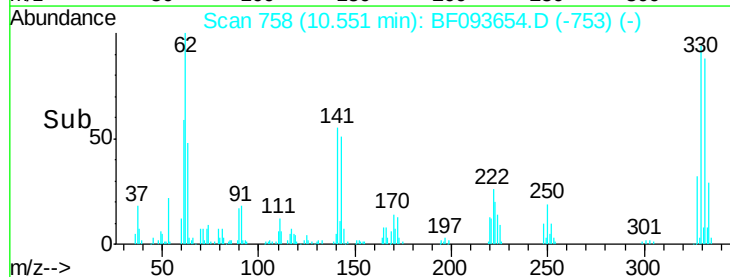
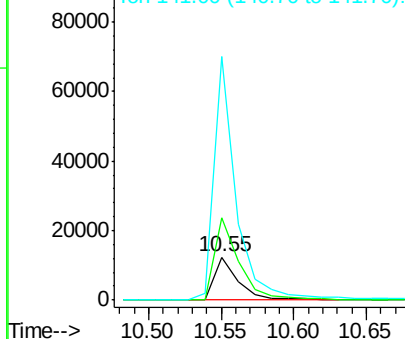


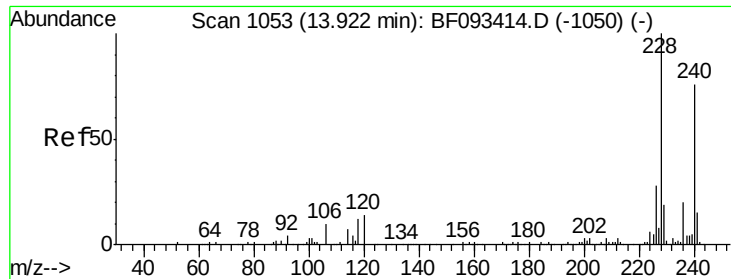
#66
4-Bromophenyl-phenylether
Concen: 2.32 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093654.D
Acq: 14 Mar 2017 13:08

Tgt Ion:248 Resp: 14250
Ion Ratio Lower Upper
248 100
250 191.8 76.9 115.3#
141 568.5 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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093654.D

Acq: 14 Mar 2017 13:08

Instrument :

BNA_M

ClientSampleId :

PB97558BL

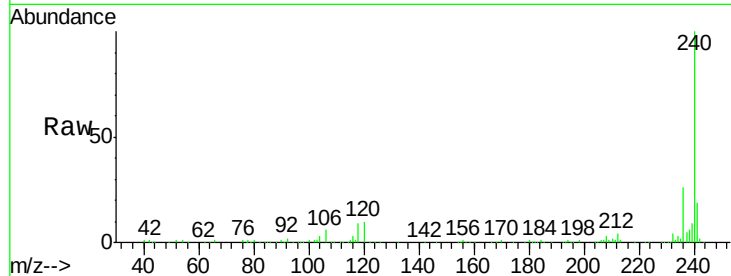
Tot Ion:240 Resp: 459013

Ion Ratio Lower Upper

240 100

120 10.3 12.9 19.3#

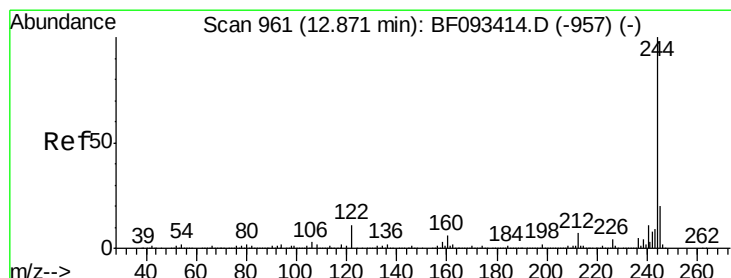
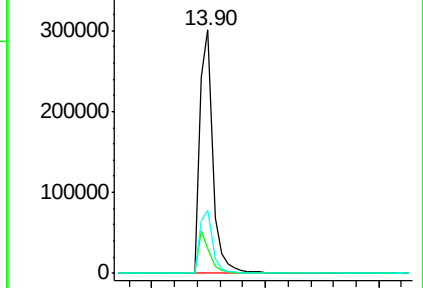
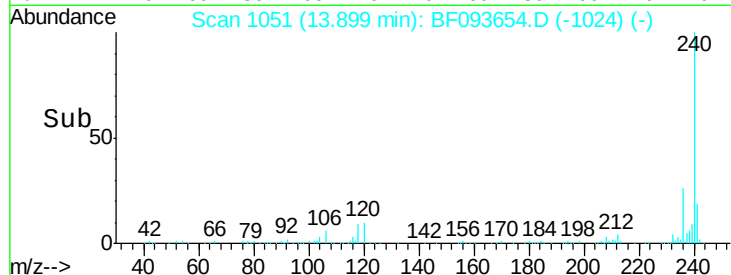
236 25.8 20.9 31.3



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: 73.77 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093654.D

Acq: 14 Mar 2017 13:08

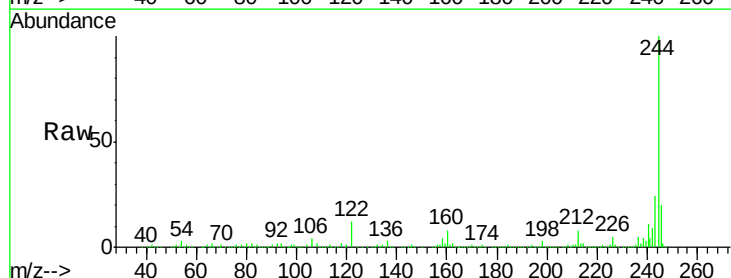
Tgt Ion:244 Resp: 1302442

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

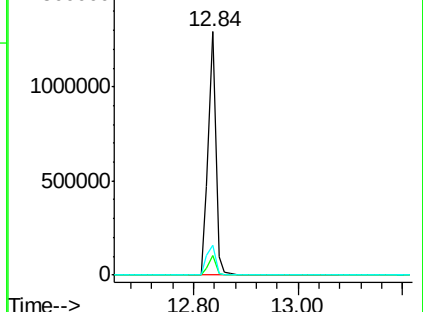
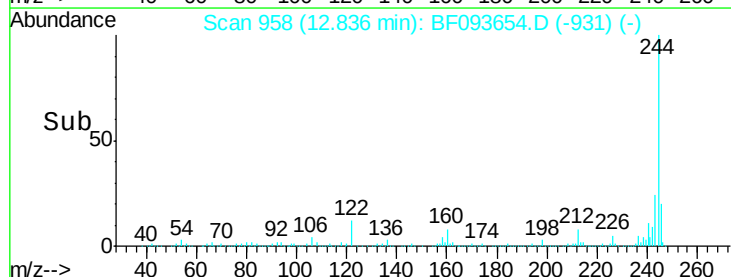
122 12.0 11.4 17.2

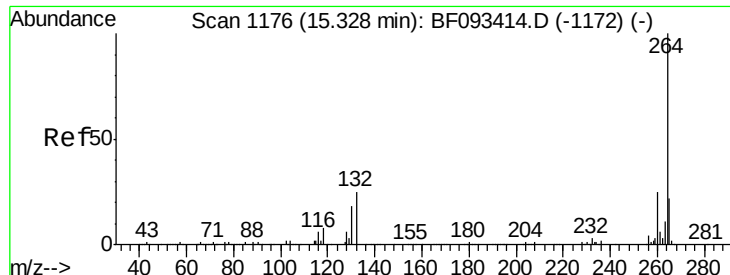


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



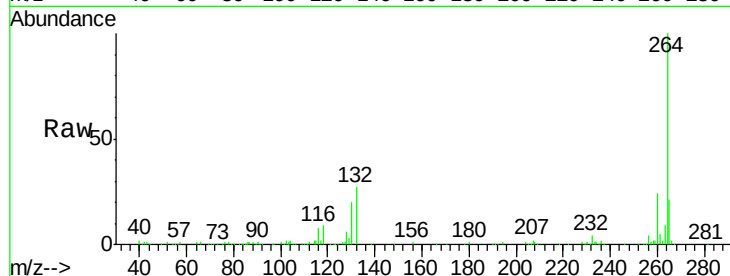


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093654.D
Acq: 14 Mar 2017 13:08

Instrument :
BNA_M
ClientSampleId :
PB97558BL

Tot Ion: 264 Resp: 315972

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.7	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

