

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093463.D
 Acq On : 9 Mar 2017 8:33
 Operator : SJ/MA
 Sample : I2127-24
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 10:08:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

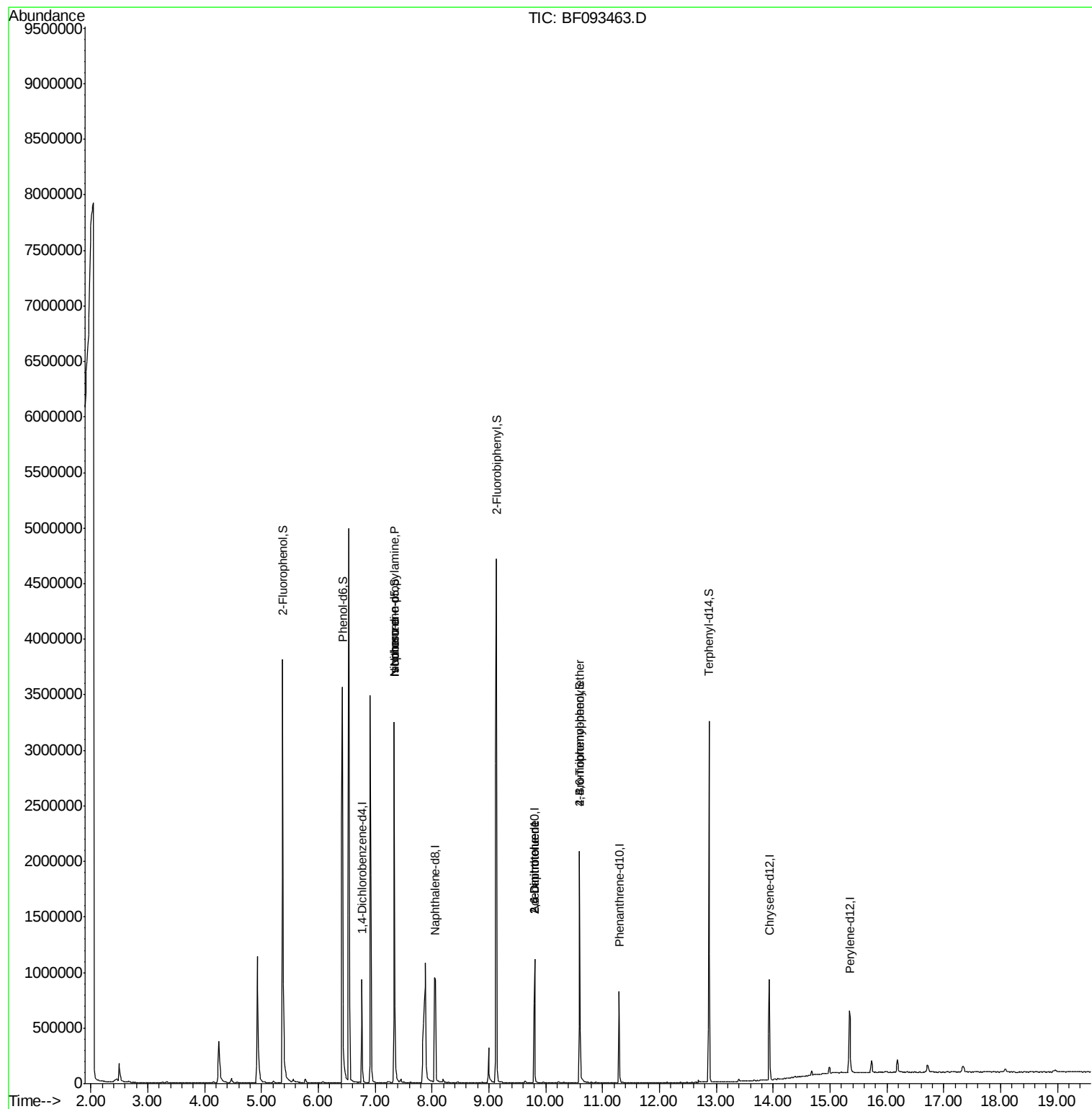
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	174631	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	661144	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	279929	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	413647	20.00	ng	0.01
75) Chrysene-d12	13.93	240	359637	20.00	ng	0.01
86) Perylene-d12	15.35	264	277311	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1432109	136.49	ng	0.02
7) Phenol-d6	6.42	99	1814184	137.11	ng	0.01
23) Nitrobenzene-d5	7.34	82	1098032	92.15	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	237648	130.30	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1827050	121.40	ng	0.00
78) Terphenyl-d14	12.87	244	1083409	78.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	2685	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	151114	16.61	ng	84
25) Isophorone	7.34	82	949079	39.50	ng	65
50) 2,6-Dinitrotoluene	9.81	165	35556	8.73	ng	31
56) 2,4-Dinitrotoluene	9.81	165	35557	7.11	ng	20
66) 4-Bromophenyl-phenylether	10.60	248	18200	4.16	ng	1

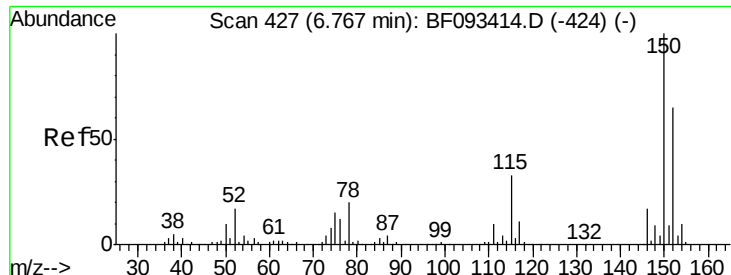
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093463.D

Acq: 9 Mar 2017 8:33

Instrument :

BNA_F

ClientSampleId :

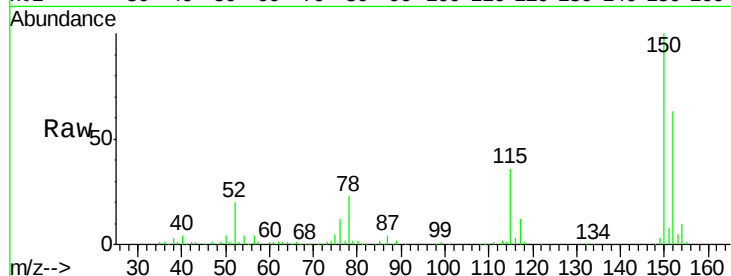
Tot Ion:152 Resp: 174631

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

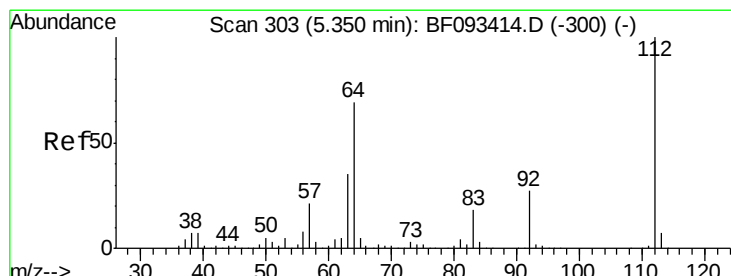
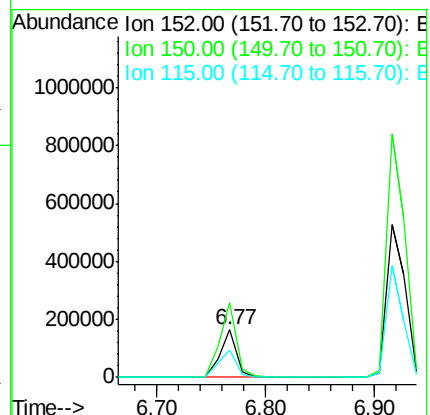
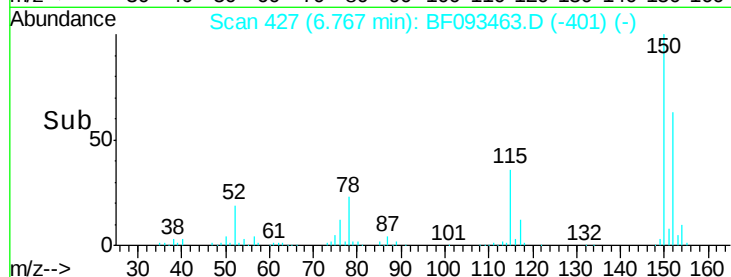
115 56.9 46.0 69.0



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: 136.49 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093463.D

Acq: 9 Mar 2017 8:33

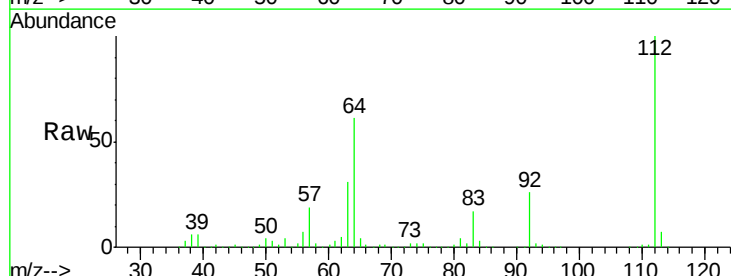
Tgt Ion:112 Resp: 1432109

Ion Ratio Lower Upper

112 100

64 60.7 46.1 69.1

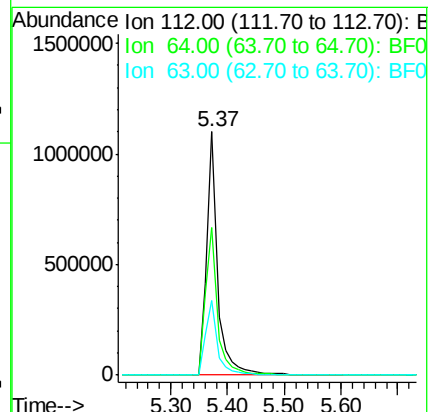
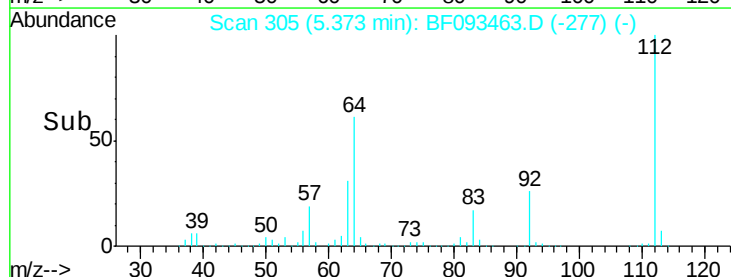
63 30.9 23.8 35.6

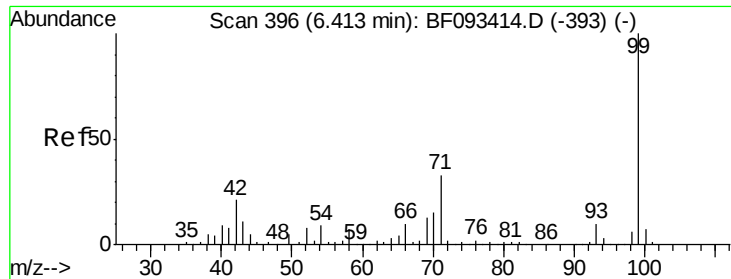


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.11 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093463.D

Acq: 9 Mar 2017 8:33

Instrument :

BNA_F

ClientSampleId :

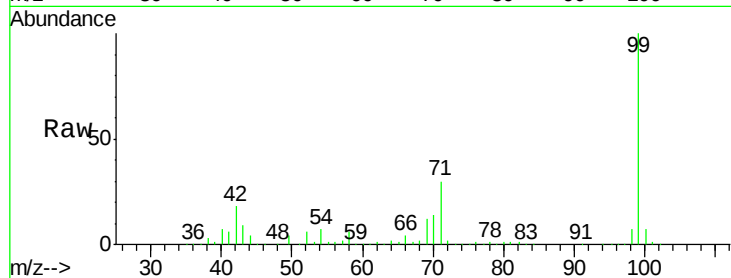
Tot Ion: 99 Resp: 1814184

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

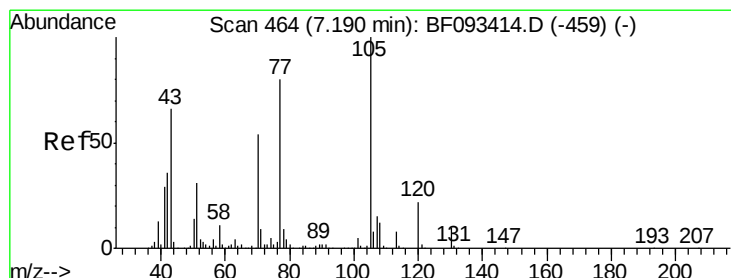
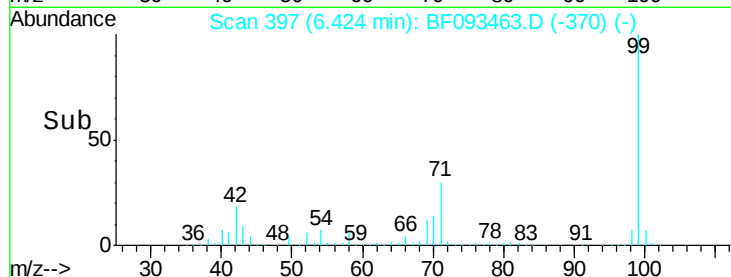
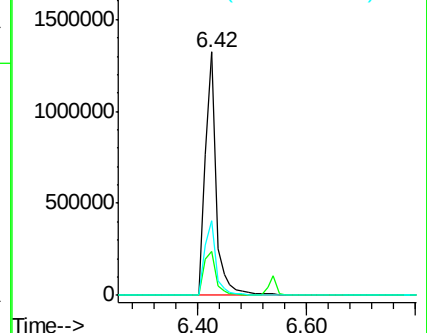
71 30.4 27.5 41.3



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: 16.61 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093463.D

Acq: 9 Mar 2017 8:33

Tgt Ion: 70 Resp: 151114

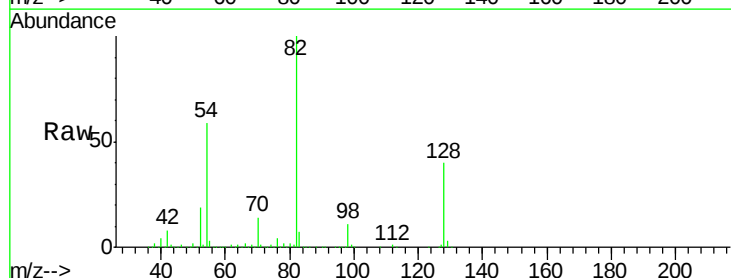
Ion Ratio Lower Upper

70 100

42 54.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

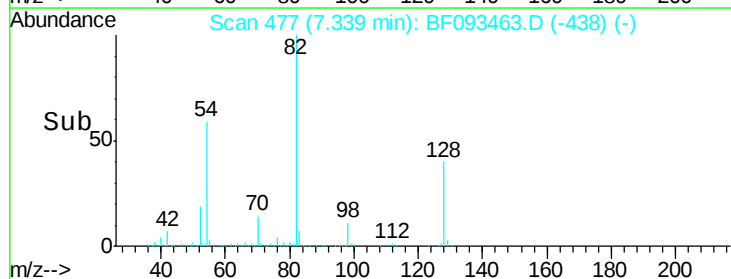
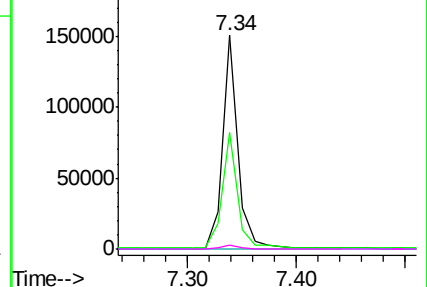


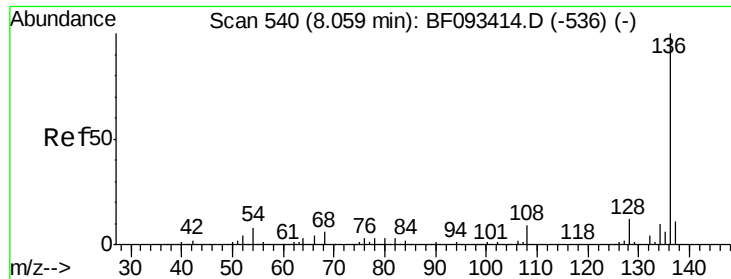
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

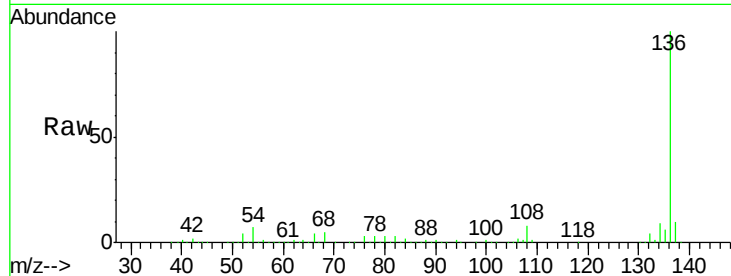




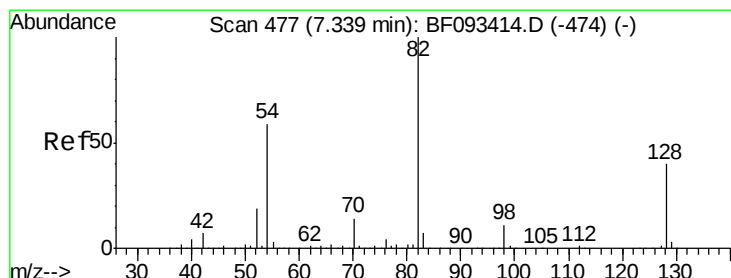
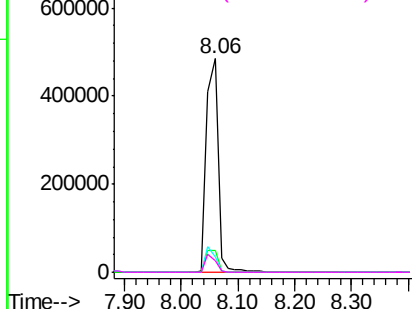
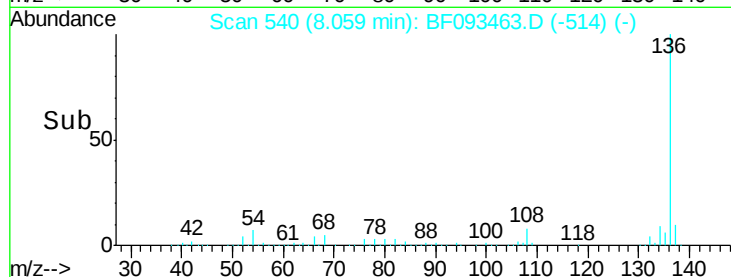
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093463.D
Acq: 9 Mar 2017 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 661144
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 7.1 4.5 6.7#
68 5.4 3.6 5.4#

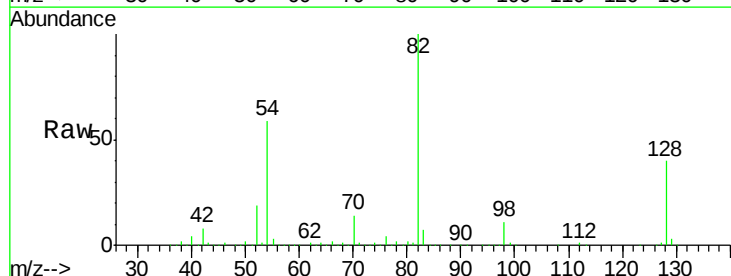


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

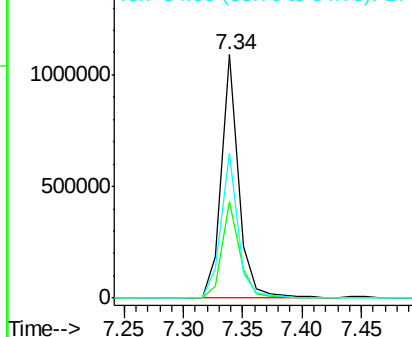
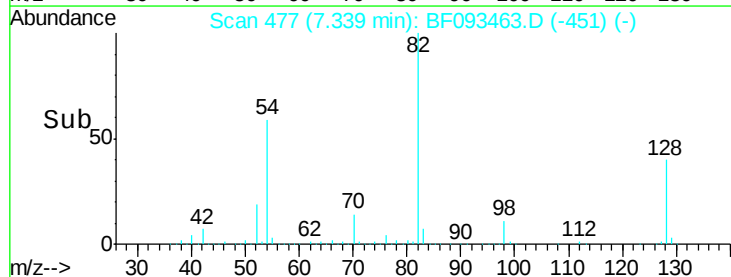


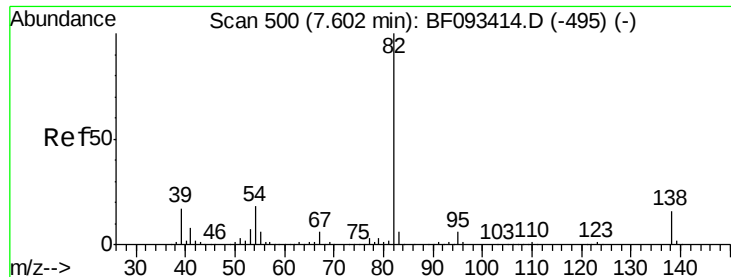
#23
Nitrobenzene-d5
Concen: 92.15 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093463.D
Acq: 9 Mar 2017 8:33

Tgt Ion: 82 Resp: 1098032
Ion Ratio Lower Upper
82 100
128 39.7 34.6 52.0
54 59.4 39.5 59.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.50 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093463.D

Acq: 9 Mar 2017 8:33

Instrument :

BNA_F

ClientSampleId :

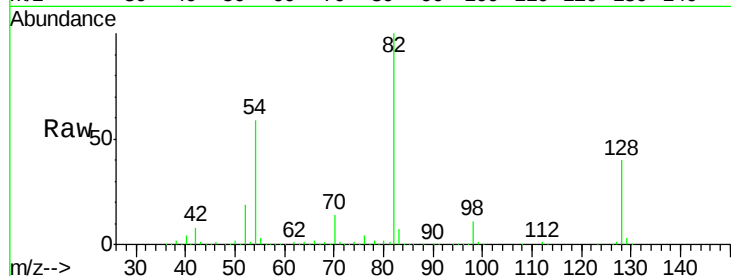
Tot Ion: 82 Resp: 949079

Ion Ratio Lower Upper

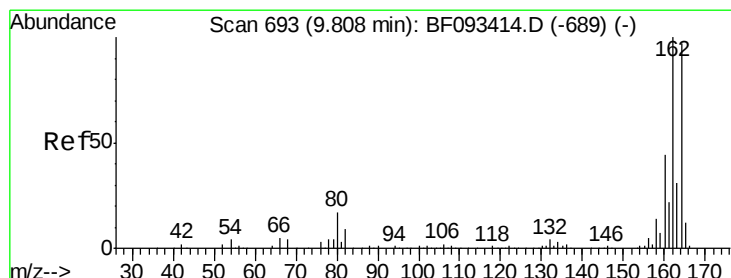
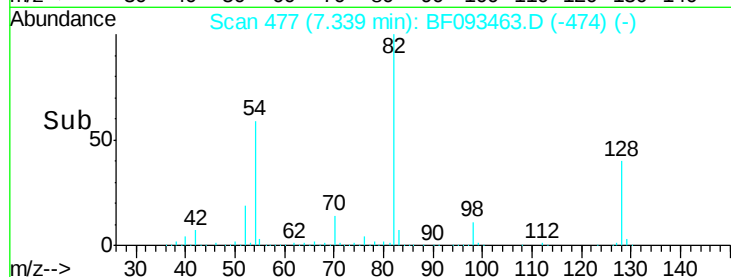
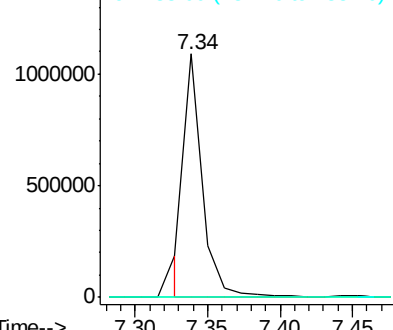
82 100

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: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093463.D

Acq: 9 Mar 2017 8:33

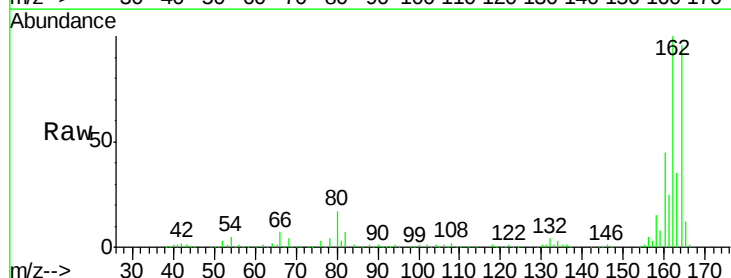
Tgt Ion: 164 Resp: 279929

Ion Ratio Lower Upper

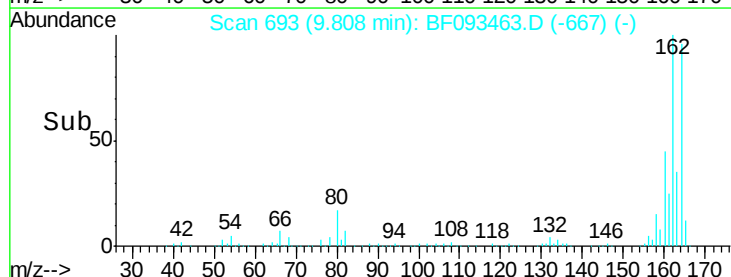
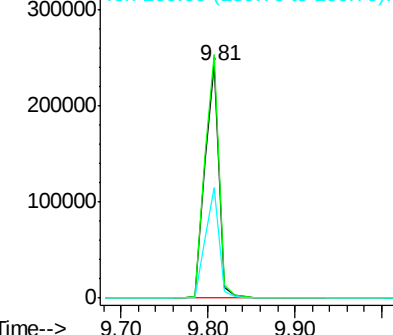
164 100

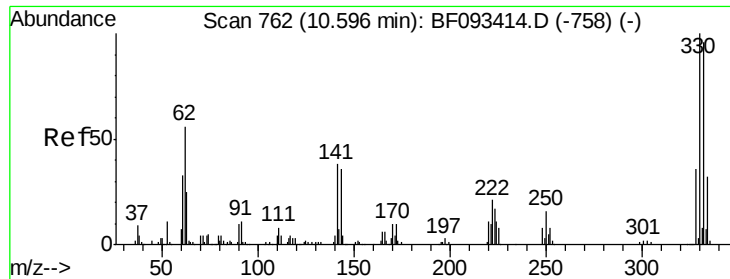
162 104.4 80.2 120.2

160 47.5 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

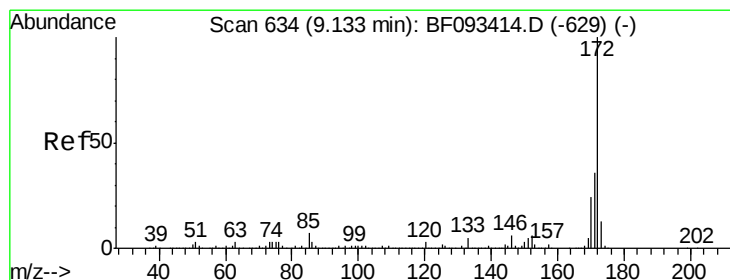
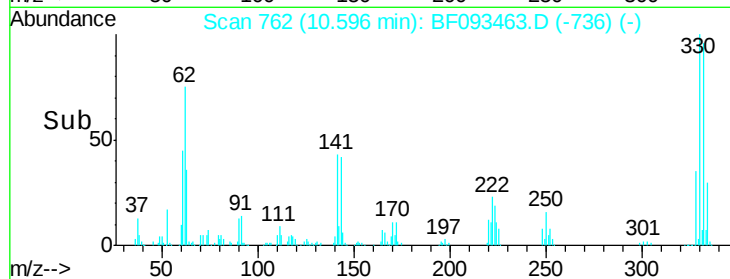
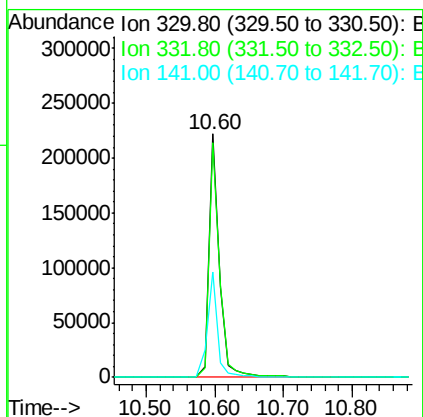
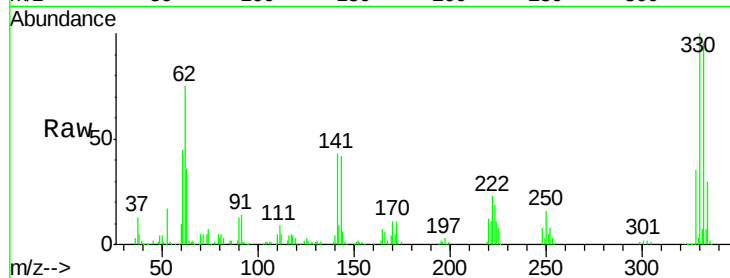




#41
 2,4,6-Tribromophenol
 Concen: 130.30 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093463.D
 Acq: 9 Mar 2017 8:33

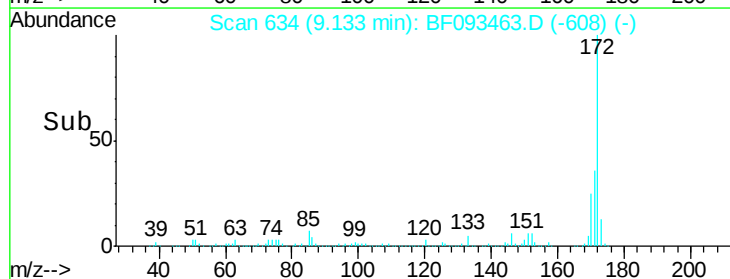
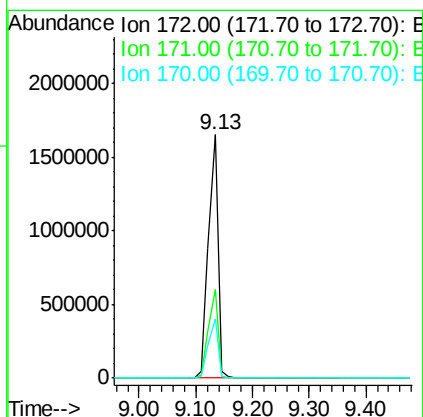
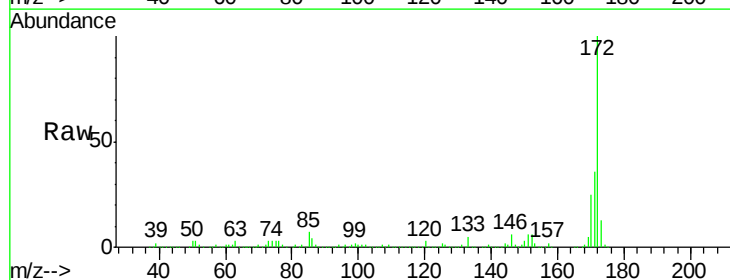
Instrument :
 BNA_F
 ClientSampled :

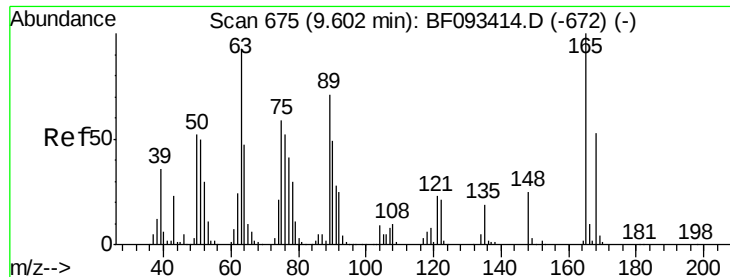
Tot Ion:330 Resp: 237648
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 42.5 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 121.40 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093463.D
 Acq: 9 Mar 2017 8:33

Tgt Ion:172 Resp: 1827050
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 20.2 30.4





#50

2,6-Dinitrotoluene

Concen: 8.73 ng

RT: 9.81 min Scan# 693

Delta R.T. 0.21 min

Lab File: BF093463.D

Acq: 9 Mar 2017 8:33

Instrument :

BNA_F

ClientSampleId :

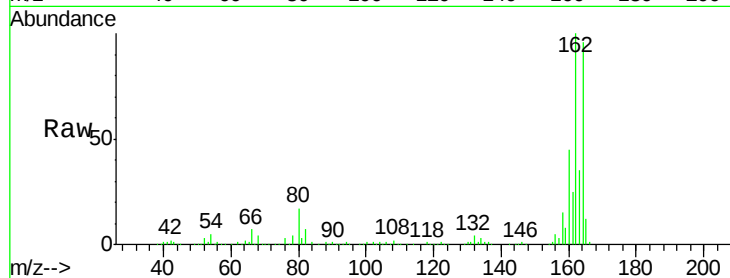
Tot Ion:165 Resp: 35556

Ion Ratio Lower Upper

165 100

63 1.8 36.2 54.4#

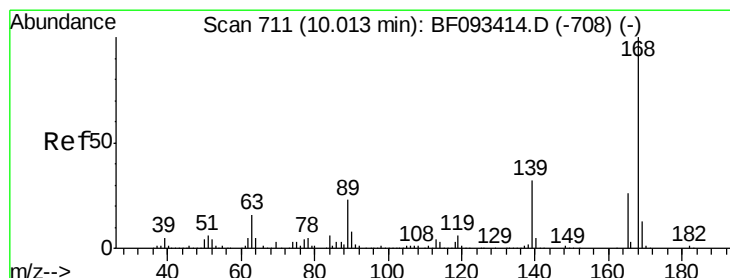
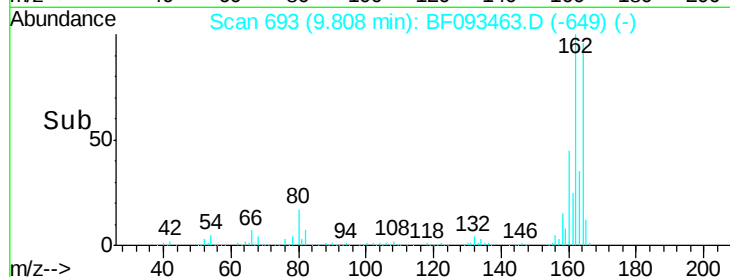
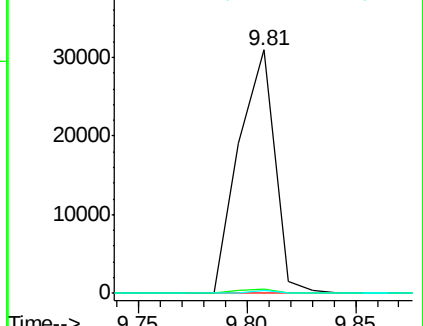
89 1.4 40.2 60.4#



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: 7.11 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.21 min

Lab File: BF093463.D

Acq: 9 Mar 2017 8:33

Tgt Ion:165 Resp: 35557

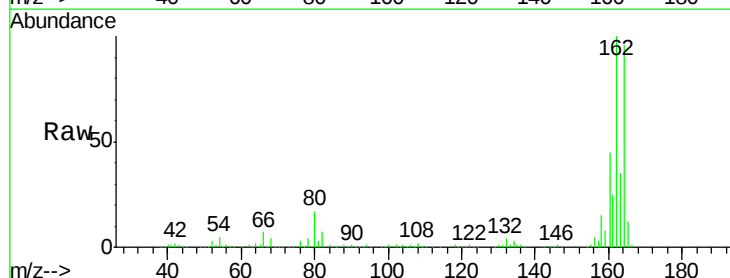
Ion Ratio Lower Upper

165 100

63 1.8 40.2 60.4#

89 1.4 62.5 93.7#

182 0.0 1.8 2.8#

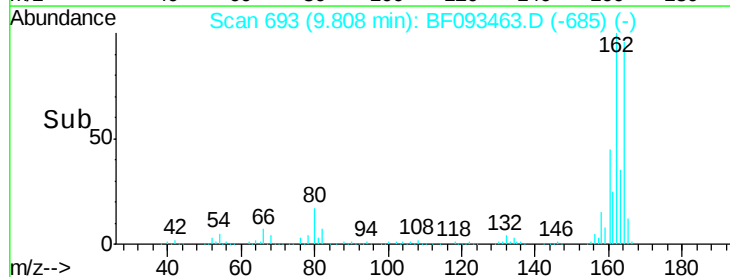
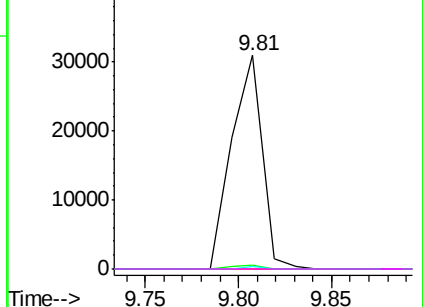


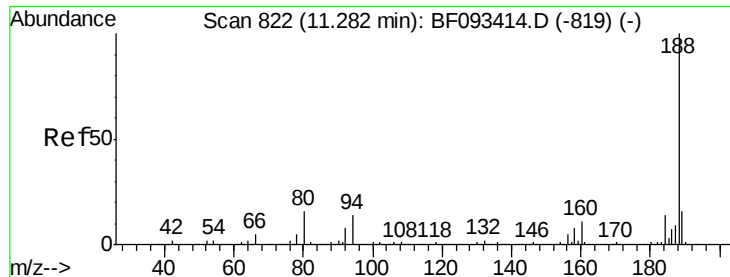
Abundance Ion 165.00 (164.70 to 165.70): E

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

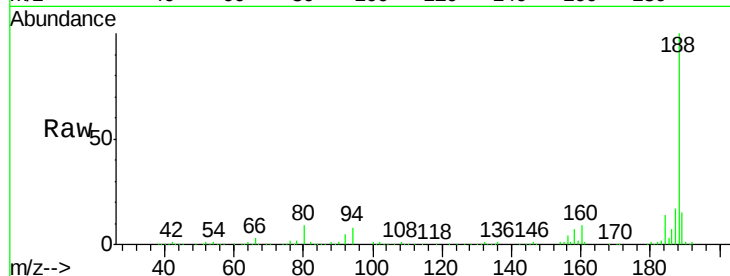




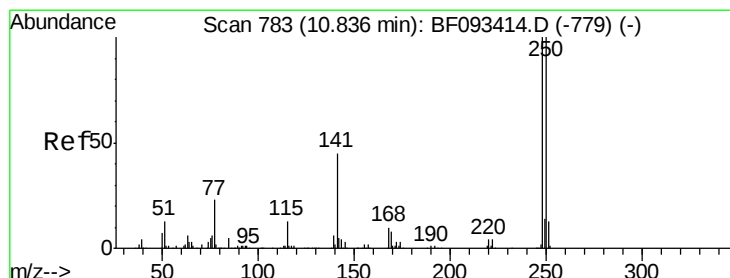
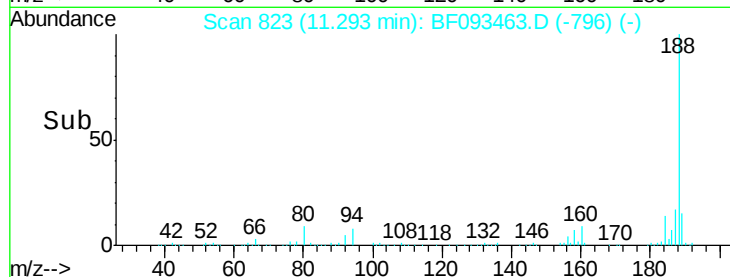
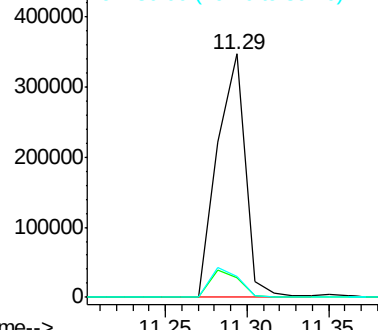
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093463.D
Acq: 9 Mar 2017 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 413647
Ion Ratio Lower Upper
188 100
94 8.0 10.0 15.0#
80 8.8 11.2 16.8#

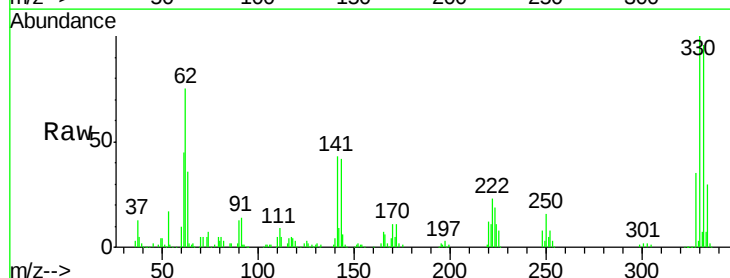


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

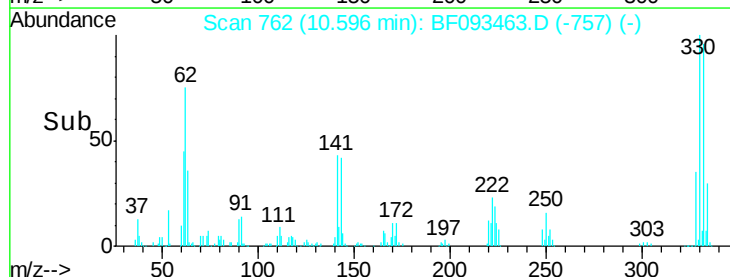
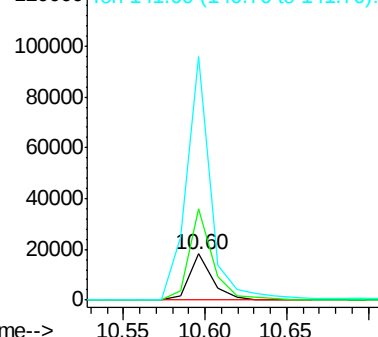


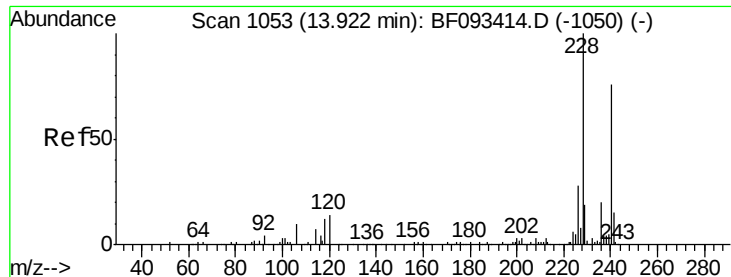
#66
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093463.D
Acq: 9 Mar 2017 8:33

Tgt Ion:248 Resp: 18200
Ion Ratio Lower Upper
248 100
250 198.6 76.9 115.3#
141 527.2 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: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093463.D

Acq: 9 Mar 2017 8:33

Instrument :

BNA_F

ClientSampleId :

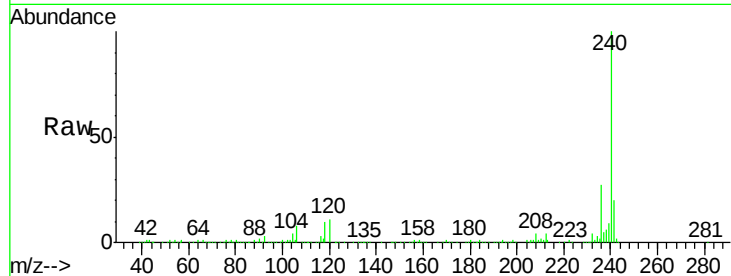
Tot Ion:240 Resp: 359637

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

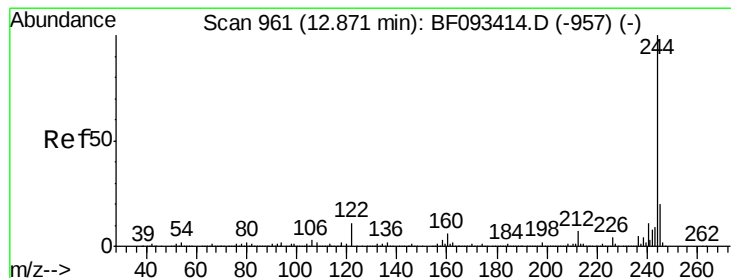
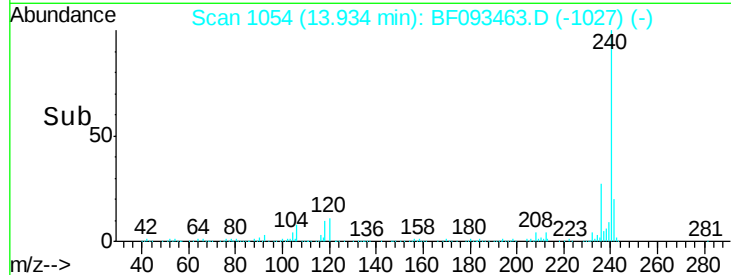
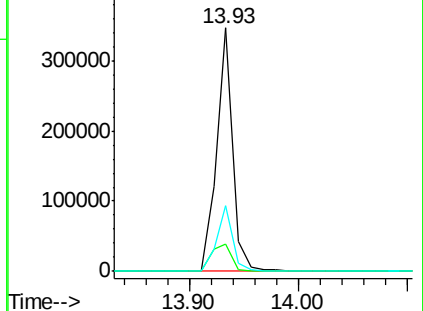
236 27.0 20.9 31.3



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: 78.32 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093463.D

Acq: 9 Mar 2017 8:33

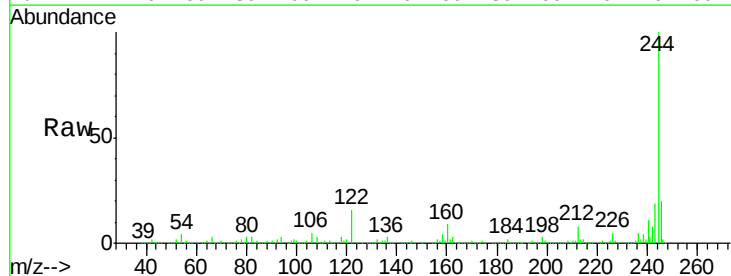
Tgt Ion:244 Resp: 1083409

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

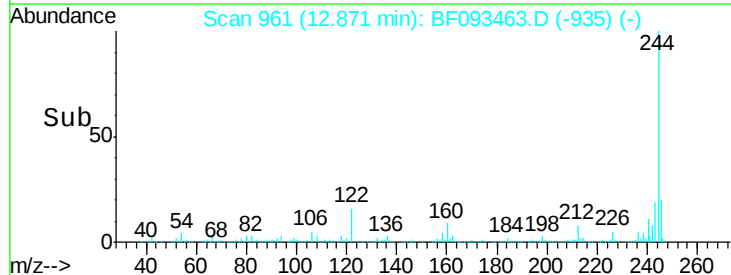
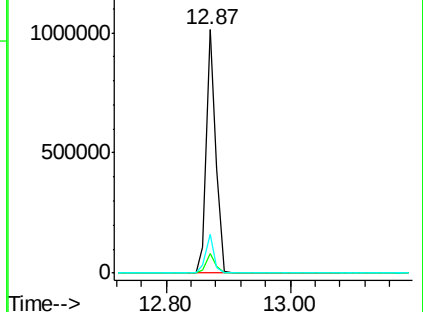
122 15.9 11.4 17.2

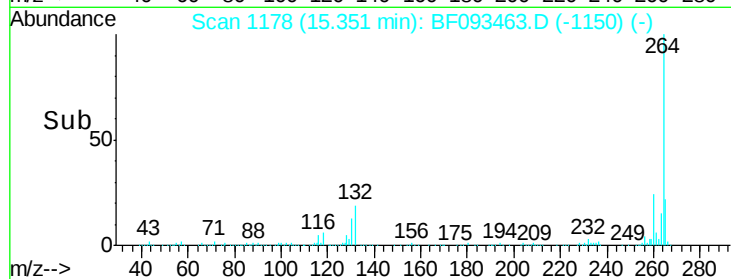
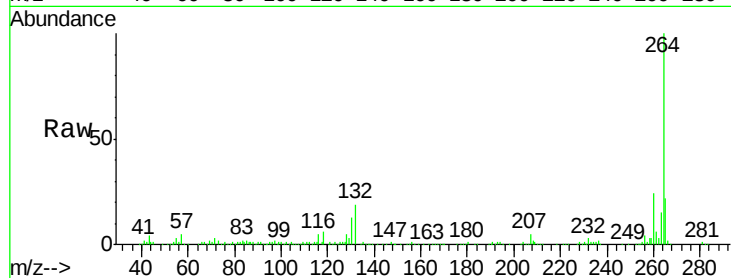
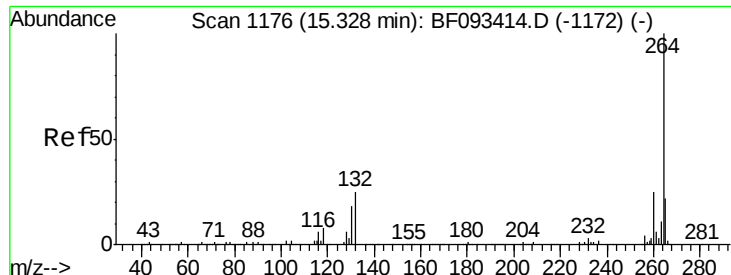


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093463.D
Acq: 9 Mar 2017 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	277311
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.7	17.4	26.0

