

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093457.D
 Acq On : 9 Mar 2017 5:49
 Operator : SJ/MA
 Sample : PB97426TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97426TB

Quant Time: Mar 09 06:14:07 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

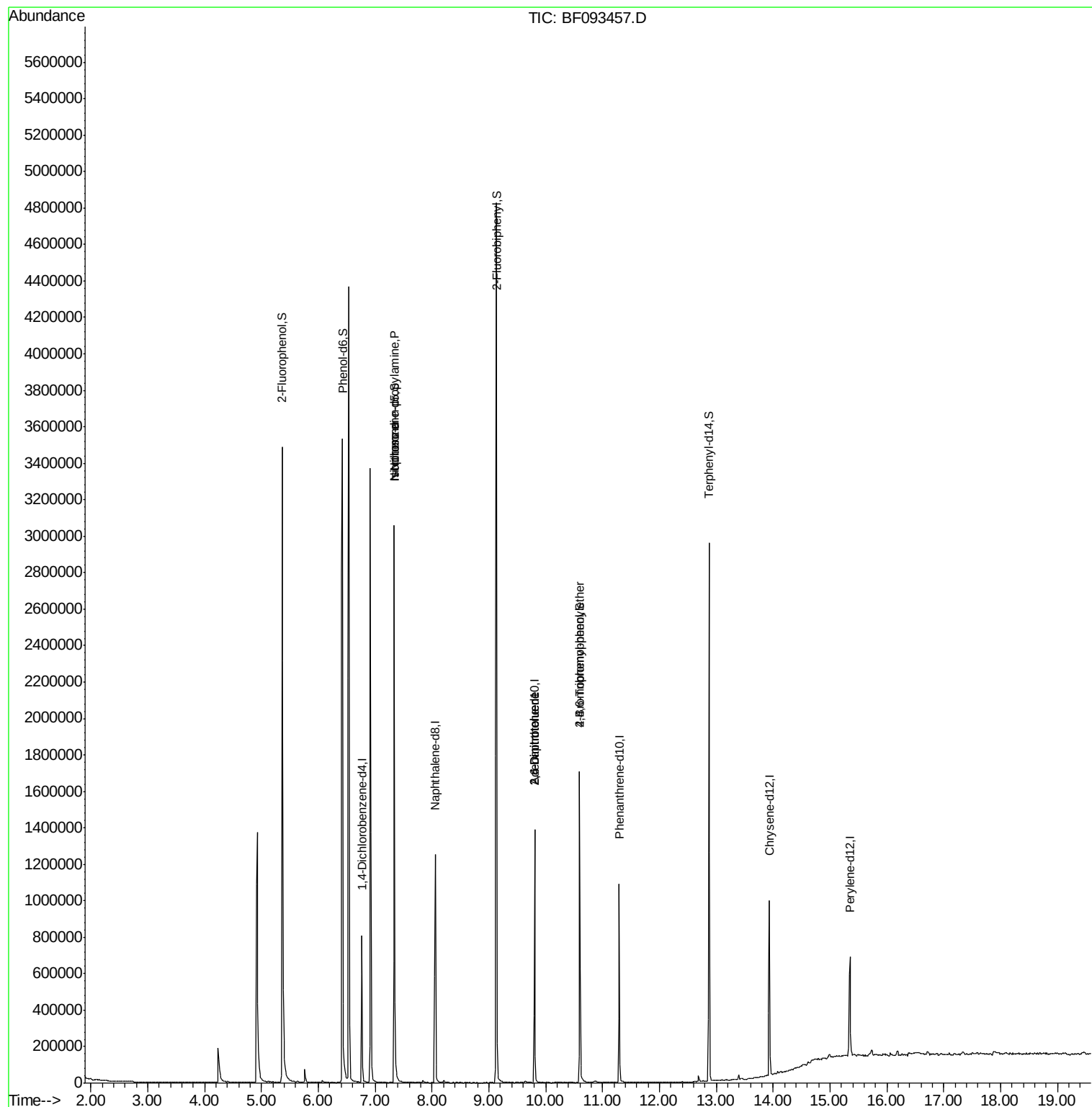
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	167876	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	675125	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	281244	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	424329	20.00	ng	0.01
75) Chrysene-d12	13.93	240	360806	20.00	ng	0.01
86) Perylene-d12	15.35	264	279018	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1342132	133.06	ng	0.01
7) Phenol-d6	6.42	99	1791129	140.82	ng	0.01
23) Nitrobenzene-d5	7.34	82	1028915	84.56	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	205086	111.92	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1599444	105.78	ng	0.00
78) Terphenyl-d14	12.87	244	1010326	72.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	2649	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	138085	15.79 ng	#	81
25) Isophorone	7.34	82	871506	35.52 ng	#	65
50) 2,6-Dinitrotoluene	9.81	165	36201	8.85 ng	#	31
56) 2,4-Dinitrotoluene	9.81	165	36195	7.20 ng	#	20
66) 4-Bromophenyl-phenylether	10.60	248	15521	3.46 ng	#	1

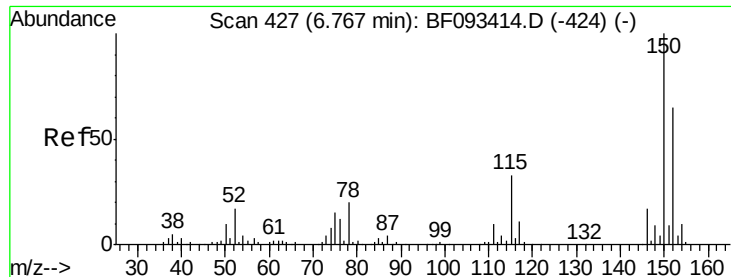
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093457.D

Acq: 9 Mar 2017 5:49

Instrument :

BNA_F

ClientSampleId :

PB97426TB

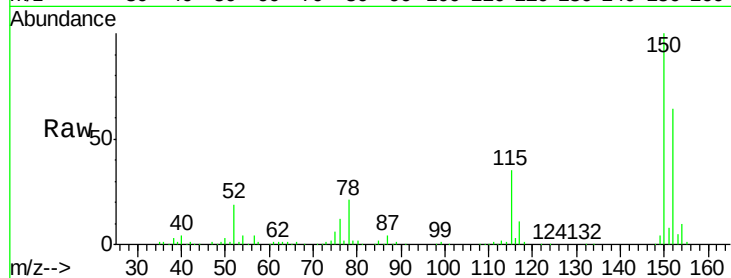
Tgt Ion:152 Resp: 167876

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

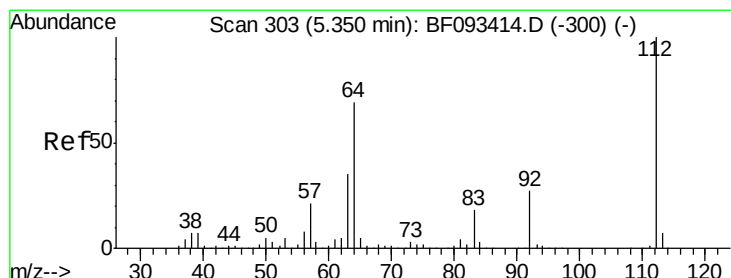
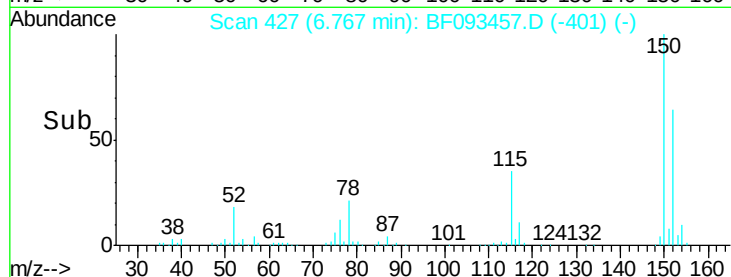
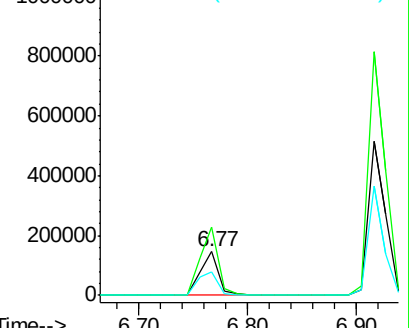
115 54.7 46.0 69.0



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: 133.06 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093457.D

Acq: 9 Mar 2017 5:49

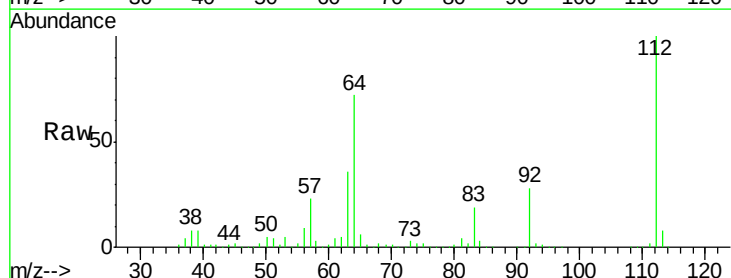
Tgt Ion:112 Resp: 1342132

Ion Ratio Lower Upper

112 100

64 72.3 46.1 69.1#

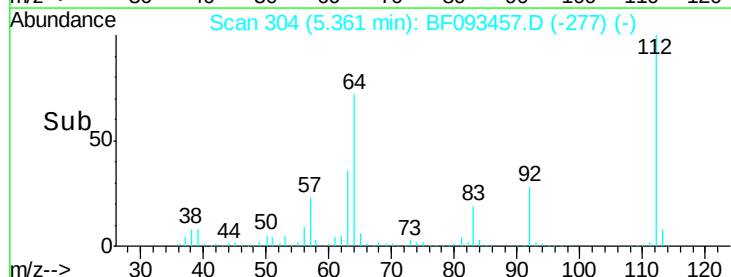
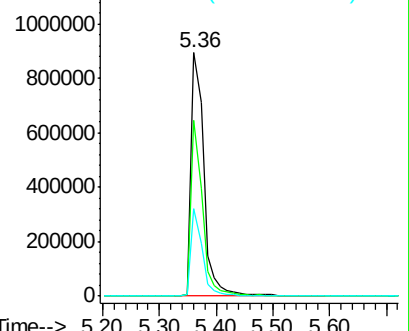
63 36.1 23.8 35.6#

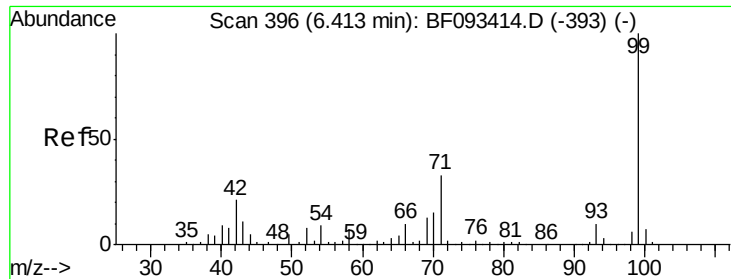


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.82 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093457.D

Acq: 9 Mar 2017 5:49

Instrument :

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ClientSampleId :

PB97426TB

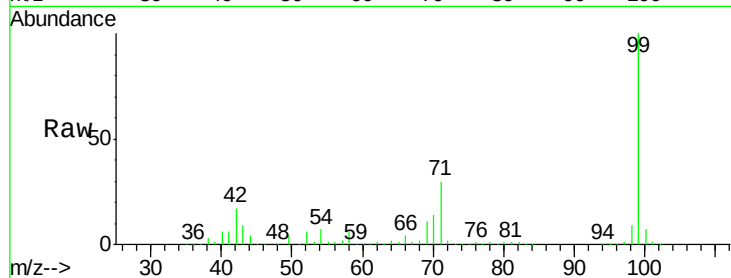
Tgt Ion: 99 Resp: 1791129

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

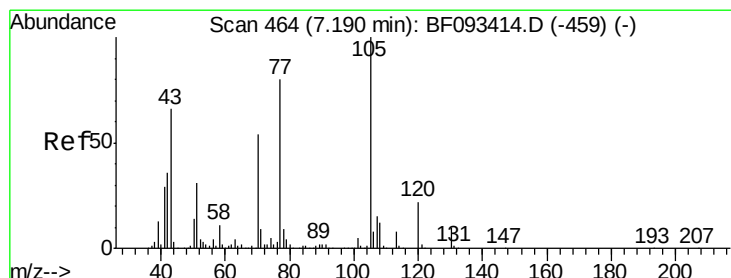
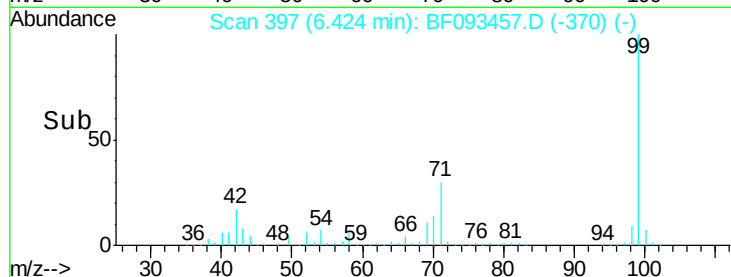
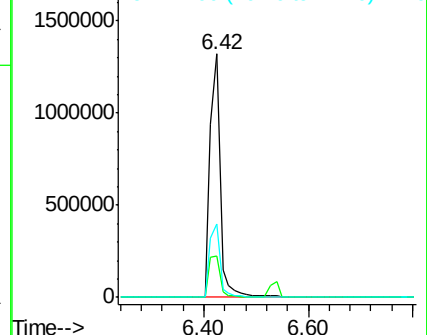
71 30.4 27.5 41.3



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: 15.79 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093457.D

Acq: 9 Mar 2017 5:49

Tgt Ion: 70 Resp: 138085

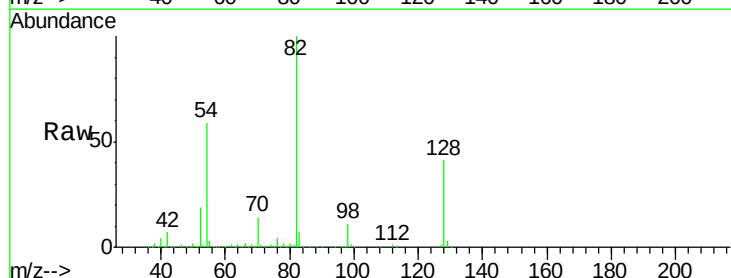
Ion Ratio Lower Upper

70 100

42 51.8 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

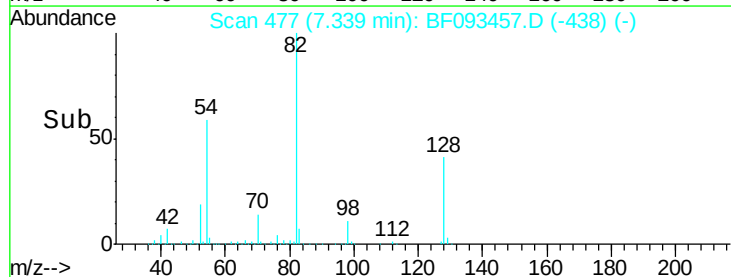
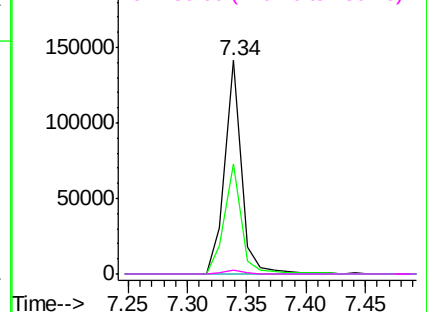


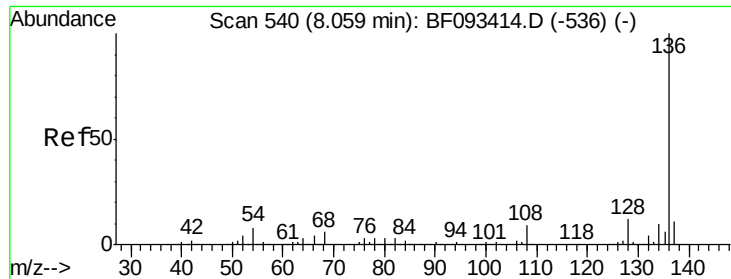
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

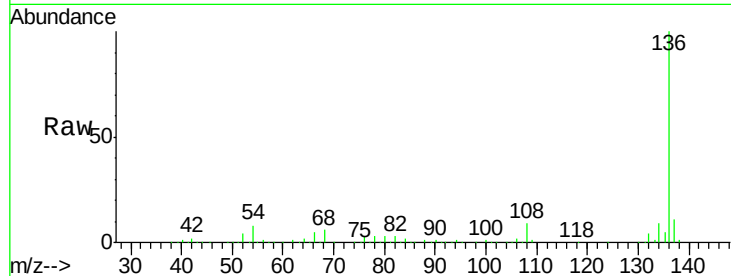




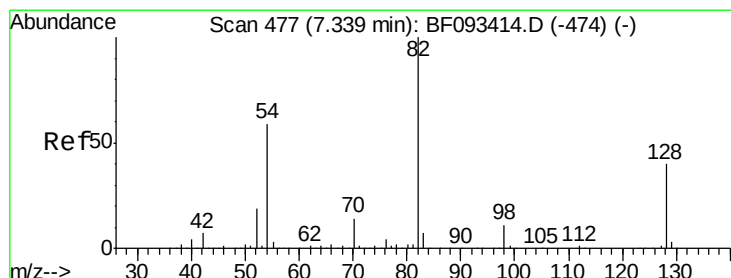
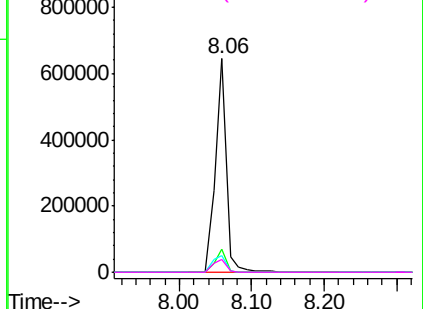
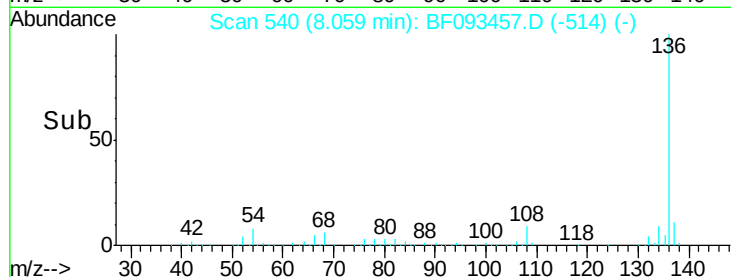
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093457.D
Acq: 9 Mar 2017 5:49

Instrument :
BNA_F
ClientSampleId :
PB97426TB

Tgt Ion:	136	Resp:	675125
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.0	4.5	6.7#
68	5.9	3.6	5.4#

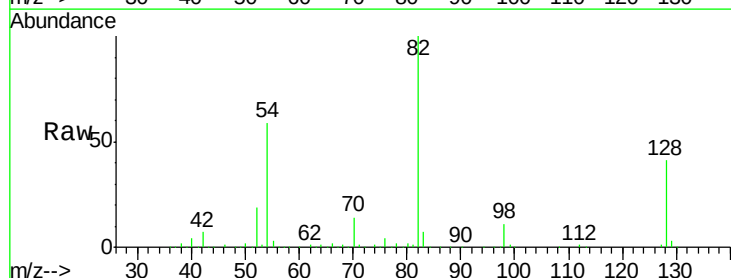


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

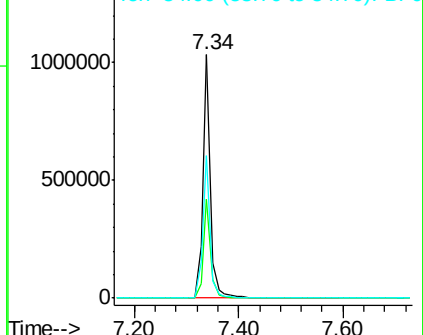
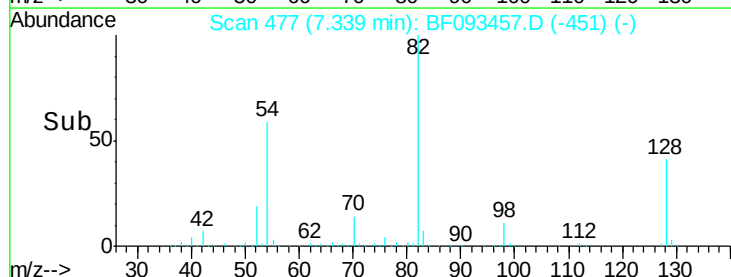


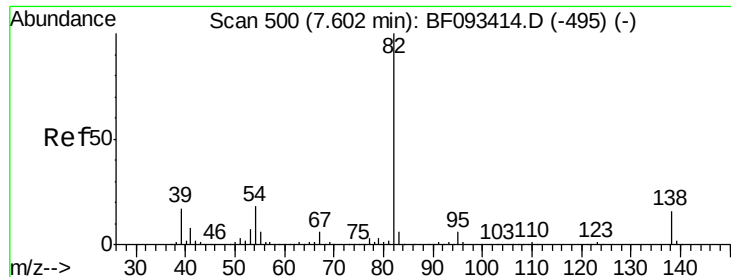
#23
Nitrobenzene-d5
Concen: 84.56 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093457.D
Acq: 9 Mar 2017 5:49

Tgt Ion:	82	Resp:	1028915
Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	52.0
54	58.5	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: 35.52 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093457.D

Acq: 9 Mar 2017 5:49

Instrument :

BNA_F

ClientSampleId :

PB97426TB

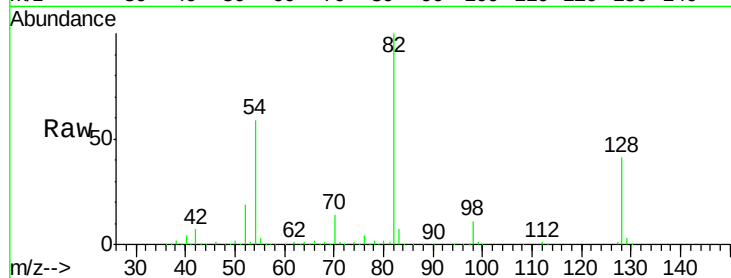
Tgt Ion: 82 Resp: 871506

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

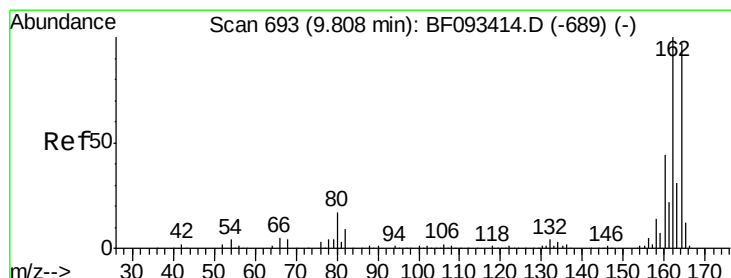
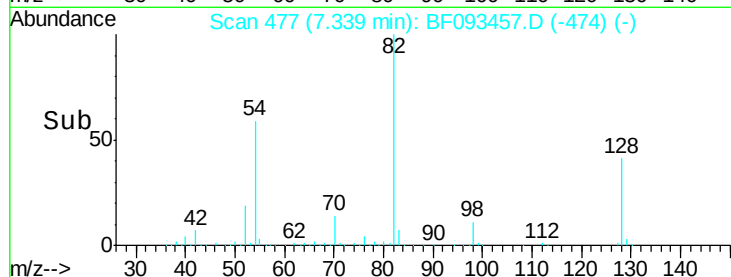
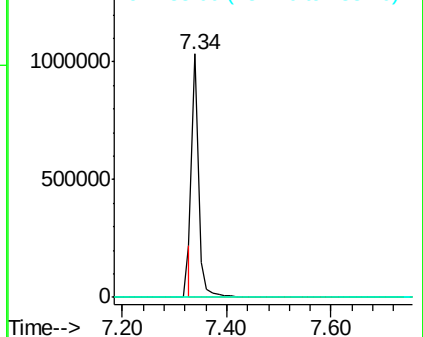
138 0.0 14.6 22.0#



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: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093457.D

Acq: 9 Mar 2017 5:49

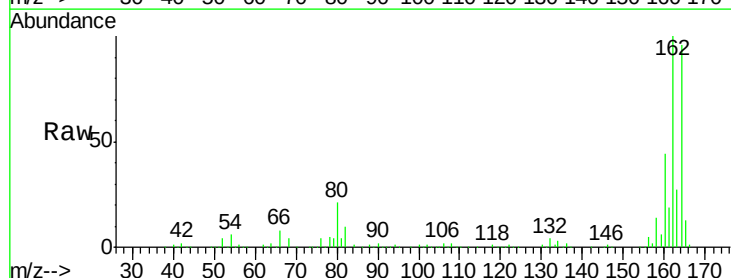
Tgt Ion: 164 Resp: 281244

Ion Ratio Lower Upper

164 100

162 104.3 80.2 120.2

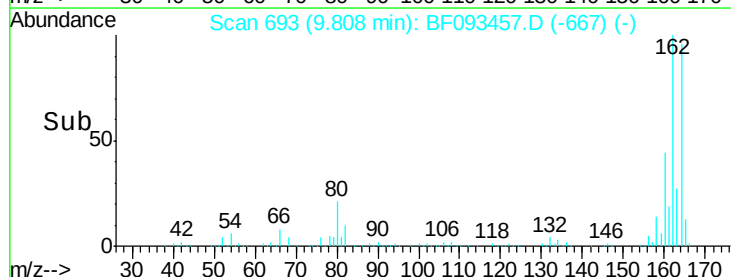
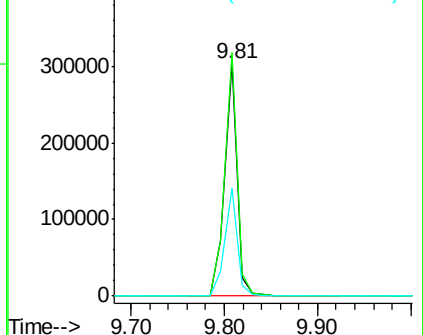
160 46.3 36.9 55.3

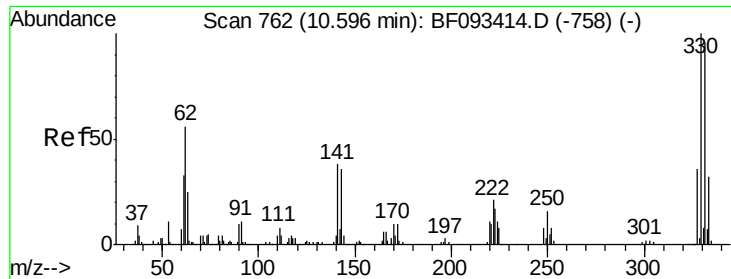


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

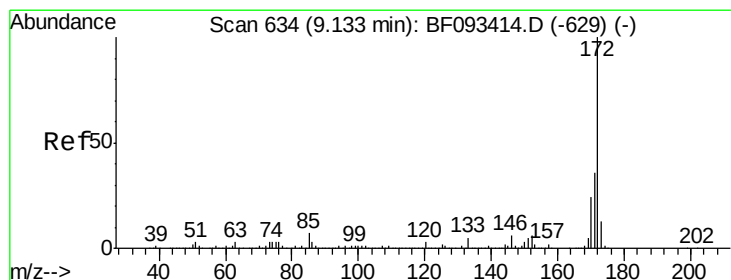
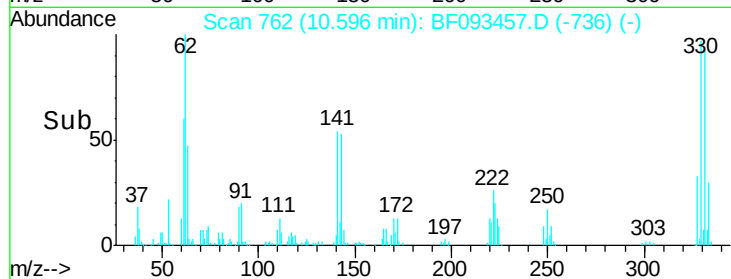
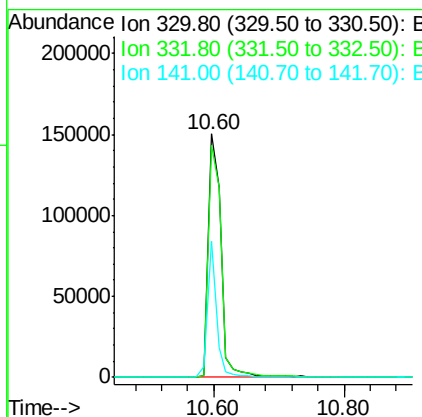
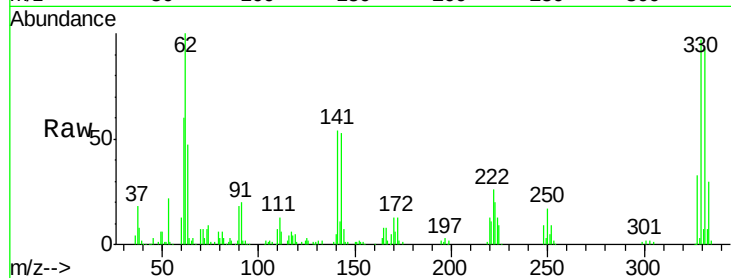




#41
 2,4,6-Tribromophenol
 Concen: 111.92 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093457.D
 Acq: 9 Mar 2017 5:49

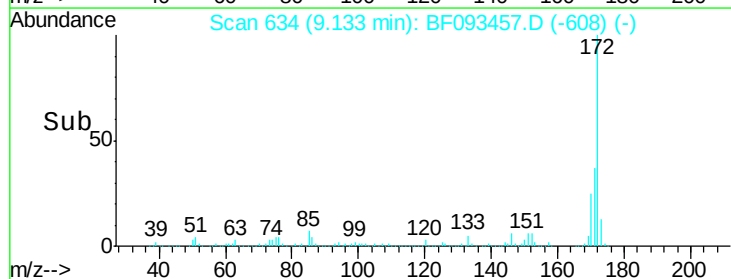
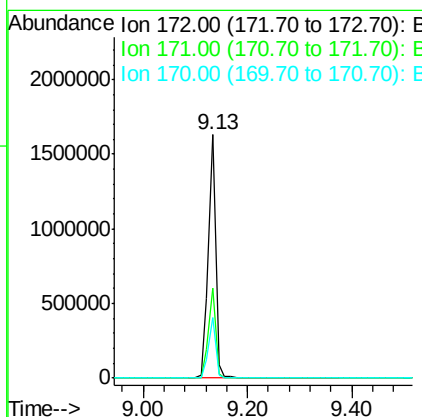
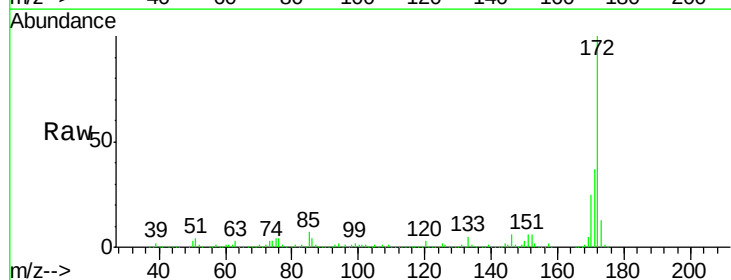
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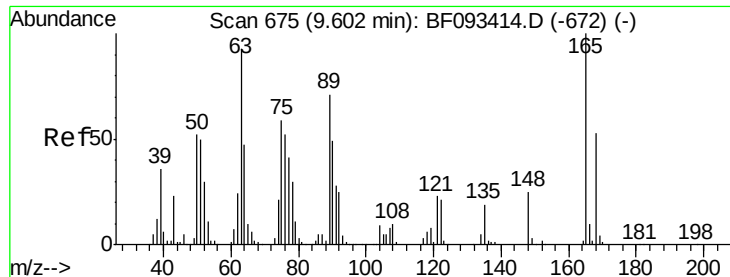
Tgt Ion:330 Resp: 205086
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 40.0 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 105.78 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093457.D
 Acq: 9 Mar 2017 5:49

Tgt Ion:172 Resp: 1599444
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.7 20.2 30.4

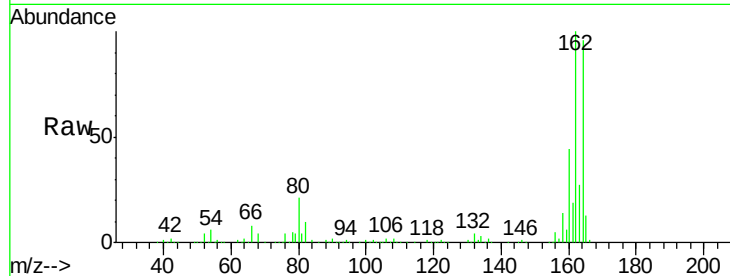




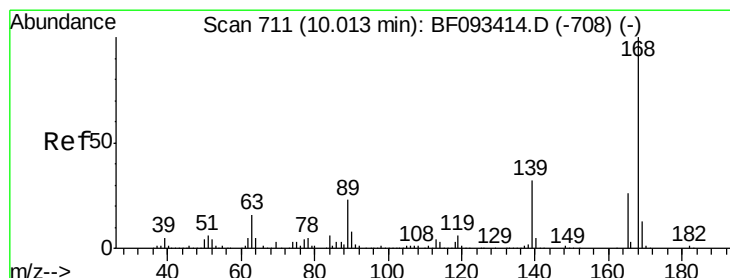
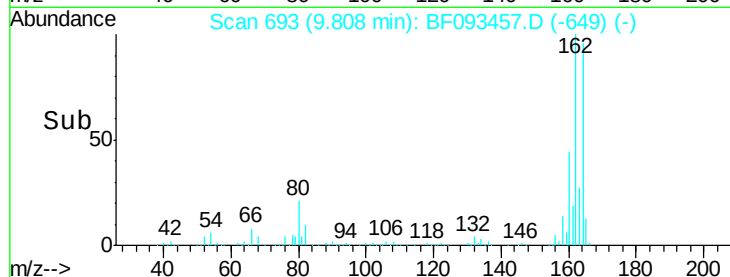
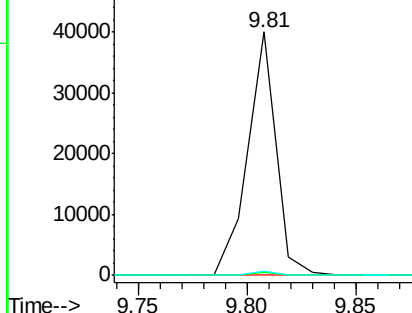
#50
2,6-Dinitrotoluene
Concen: 8.85 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.21 min
Lab File: BF093457.D
Acq: 9 Mar 2017 5:49

Instrument :
BNA_F
ClientSampled :
PB97426TB

Tgt Ion:165 Resp: 36201
Ion Ratio Lower Upper
165 100
63 1.3 36.2 54.4#
89 2.0 40.2 60.4#

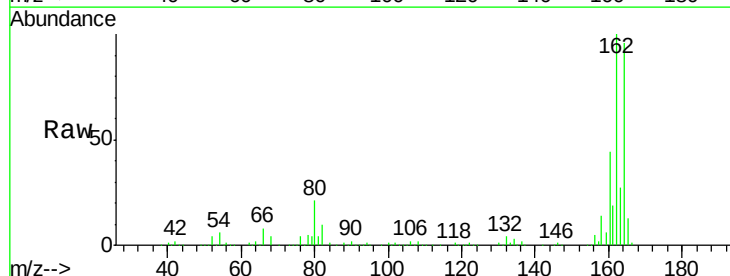


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

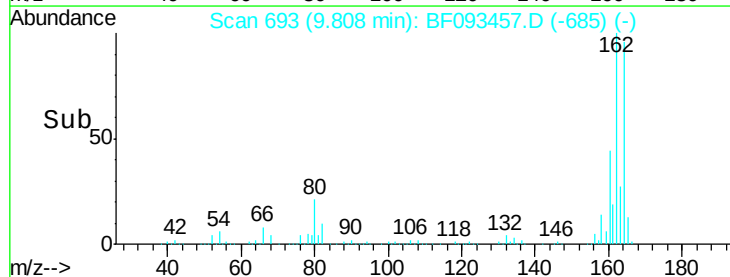
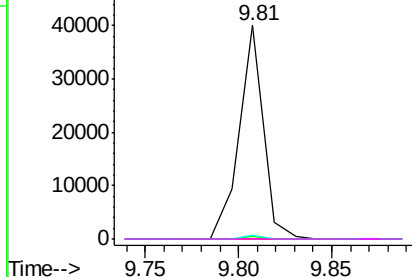


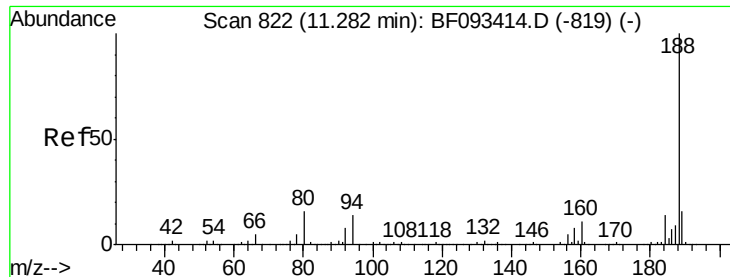
#56
2,4-Dinitrotoluene
Concen: 7.20 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.21 min
Lab File: BF093457.D
Acq: 9 Mar 2017 5:49

Tgt Ion:165 Resp: 36195
Ion Ratio Lower Upper
165 100
63 1.3 40.2 60.4#
89 2.0 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

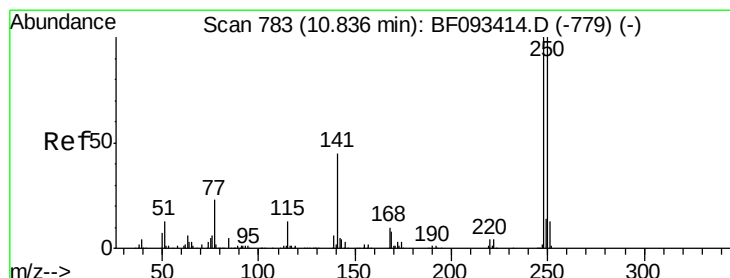
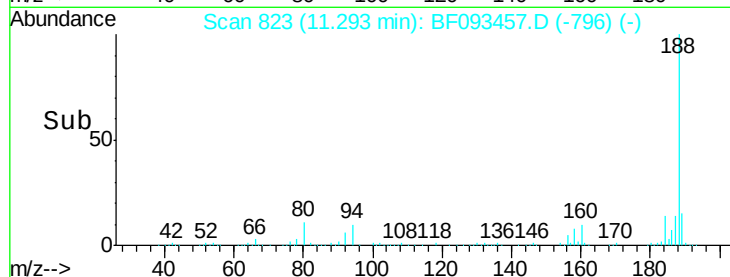
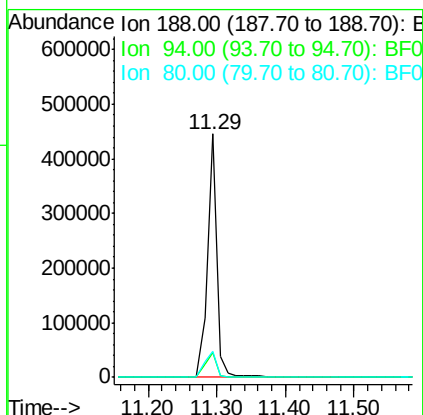
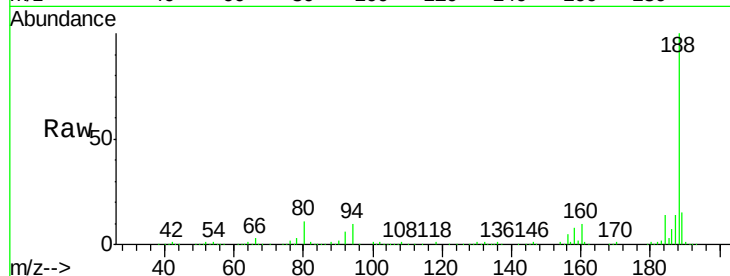




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF093457.D
 Acq: 9 Mar 2017 5:49

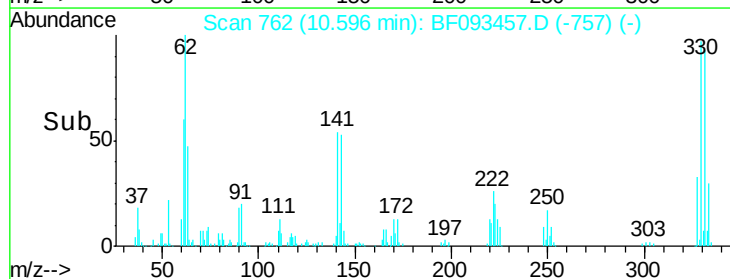
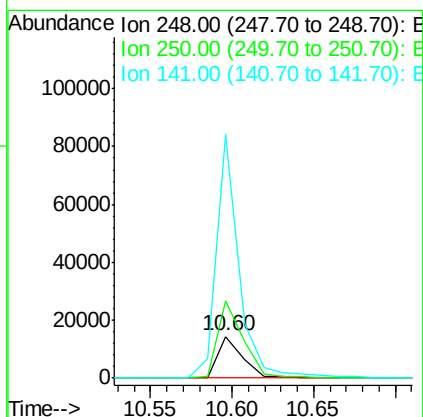
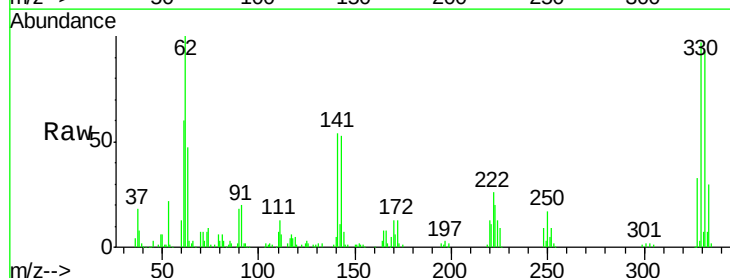
Instrument :
 BNA_F
 ClientSampleId :
 PB97426TB

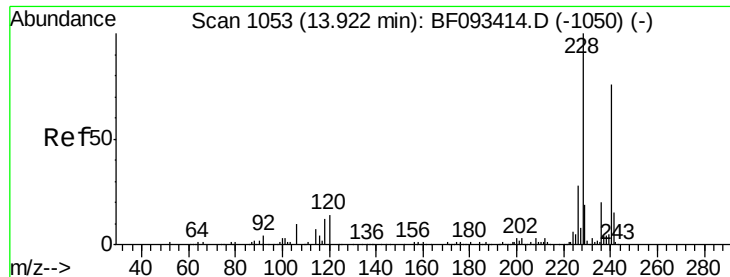
Tgt Ion:188 Resp: 424329
 Ion Ratio Lower Upper
 188 100
 94 9.9 10.0 15.0#
 80 10.6 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.46 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF093457.D
 Acq: 9 Mar 2017 5:49

Tgt Ion:248 Resp: 15521
 Ion Ratio Lower Upper
 248 100
 250 187.0 76.9 115.3#
 141 585.5 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093457.D

Acq: 9 Mar 2017 5:49

Instrument :

BNA_F

ClientSampleId :

PB97426TB

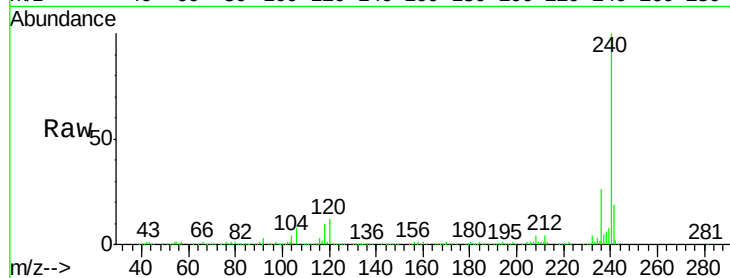
Tgt Ion:240 Resp: 360806

Ion Ratio Lower Upper

240 100

120 11.7 12.9 19.3#

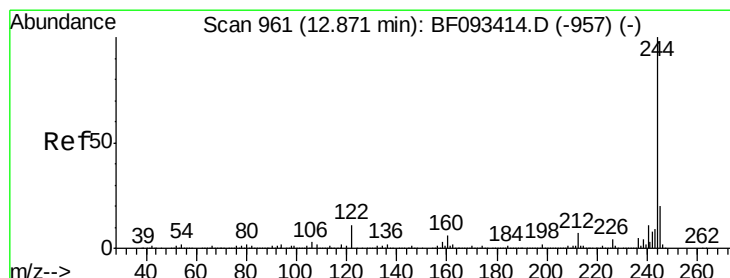
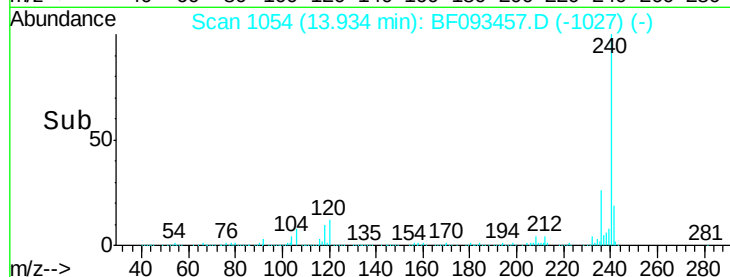
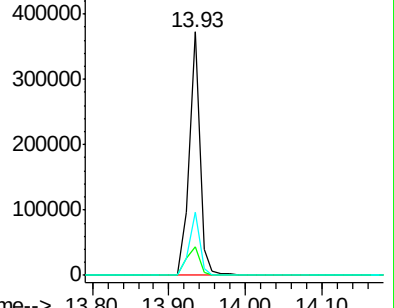
236 25.7 20.9 31.3



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: 72.80 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093457.D

Acq: 9 Mar 2017 5:49

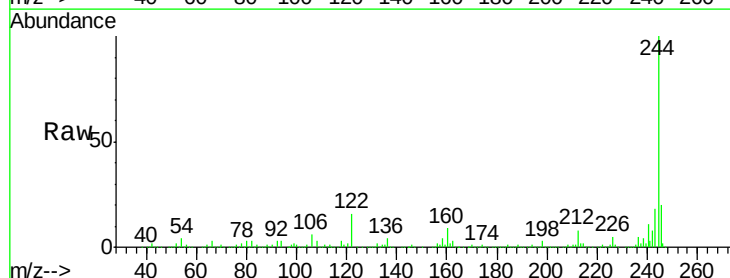
Tgt Ion:244 Resp: 1010326

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

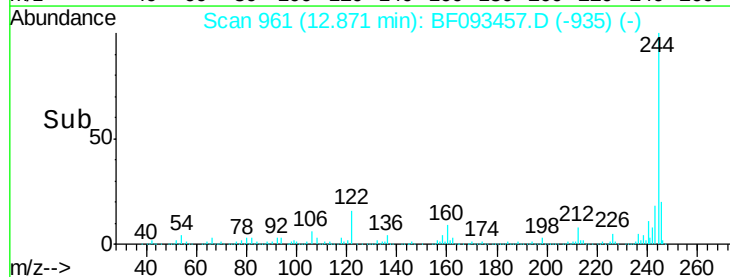
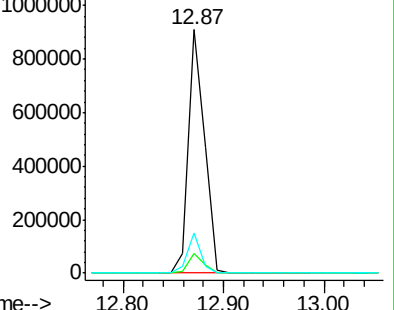
122 16.3 11.4 17.2

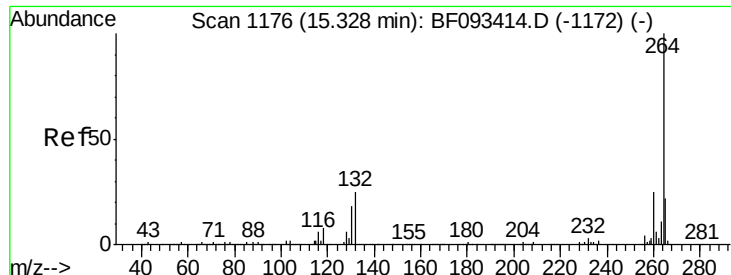


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

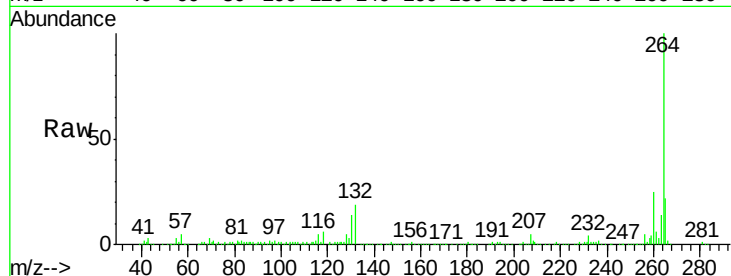




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093457.D
Acq: 9 Mar 2017 5:49

Instrument :
BNA_F
ClientSampleId :
PB97426TB

Tgt Ion: 264 Resp: 279018
Ion Ratio Lower Upper
264 100
260 24.6 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

