

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093458.D
 Acq On : 9 Mar 2017 6:16
 Operator : SJ/MA
 Sample : I2103-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001

Quant Time: Mar 09 06:41:04 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

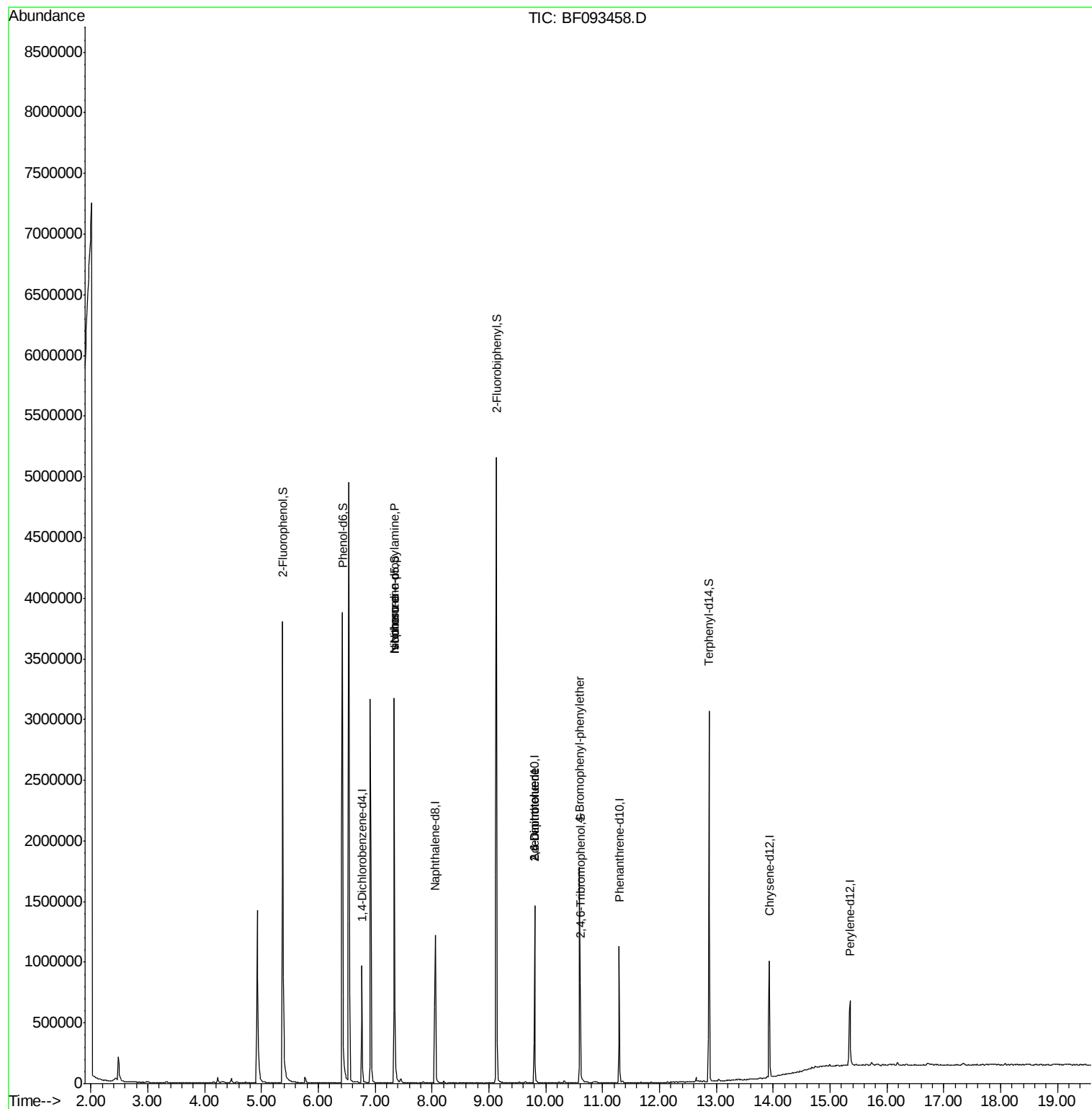
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	179021	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	673974	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	280158	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	421318	20.00	ng	0.01
75) Chrysene-d12	13.93	240	374880	20.00	ng	0.01
86) Perylene-d12	15.35	264	284753	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1397805	129.95	ng	0.02
7) Phenol-d6	6.42	99	1771949	130.64	ng	0.01
23) Nitrobenzene-d5	7.34	82	1068147	87.93	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	222627	121.97	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1657333	110.03	ng	0.00
78) Terphenyl-d14	12.87	244	1077104	74.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	2517	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	145638	15.62	ng	83
25) Isophorone	7.34	82	913228	37.28	ng	65
50) 2,6-Dinitrotoluene	9.81	165	37534	9.21	ng	31
56) 2,4-Dinitrotoluene	9.81	165	37528	7.50	ng	20
66) 4-Bromophenyl-phenylether	10.60	248	16435	3.69	ng	1

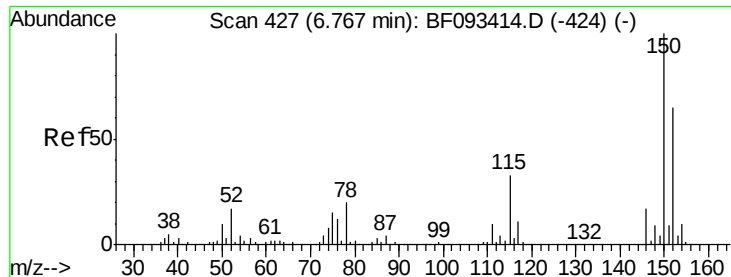
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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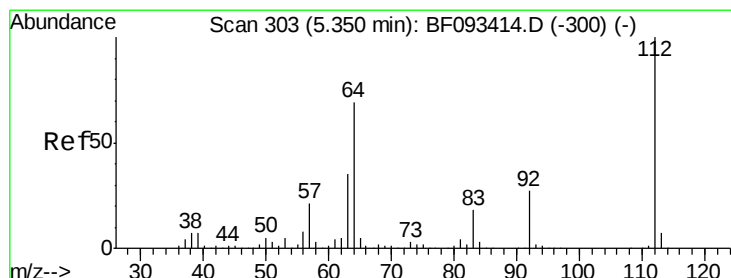
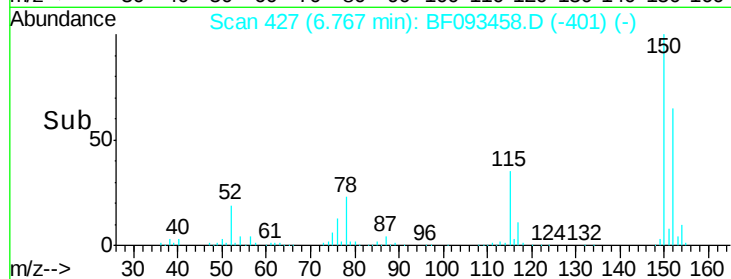
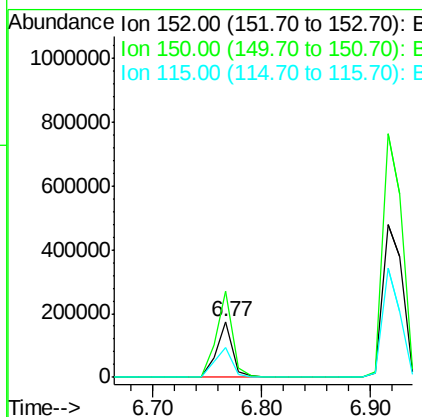
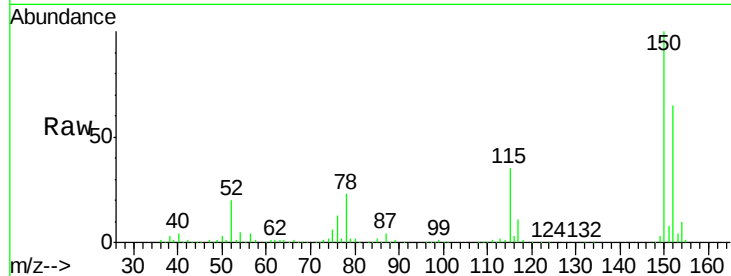




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

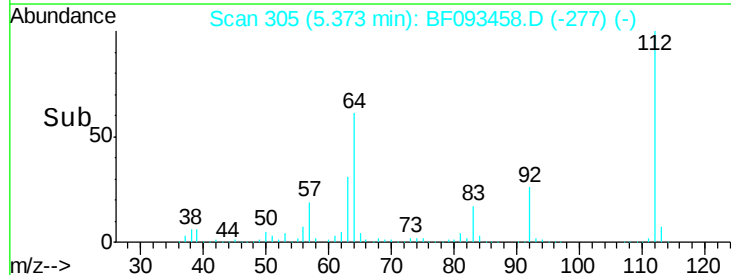
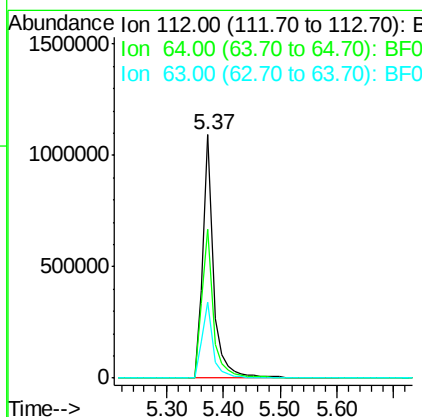
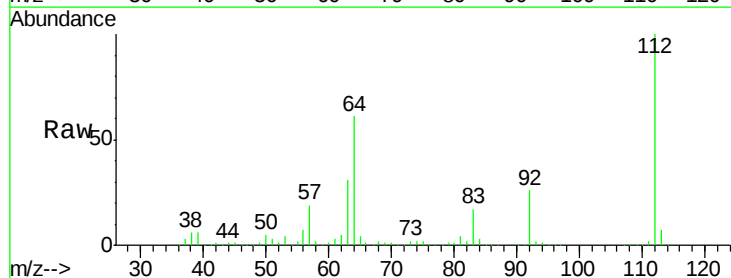
Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001

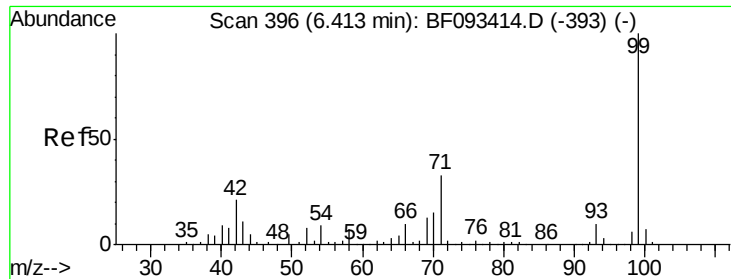
Tgt Ion:152 Resp: 179021
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.9 187.3
 115 54.5 46.0 69.0



#5
 2-Fluorophenol
 Concen: 129.95 ng
 RT: 5.37 min Scan# 305
 Delta R.T. 0.02 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Tgt Ion:112 Resp: 1397805
 Ion Ratio Lower Upper
 112 100
 64 61.4 46.1 69.1
 63 31.2 23.8 35.6





#7

Phenol-d6

Concen: 130.64 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093458.D

Acq: 9 Mar 2017 6:16

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001

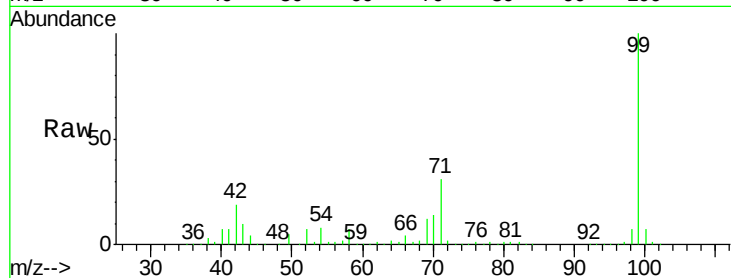
Tgt Ion: 99 Resp: 1771949

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

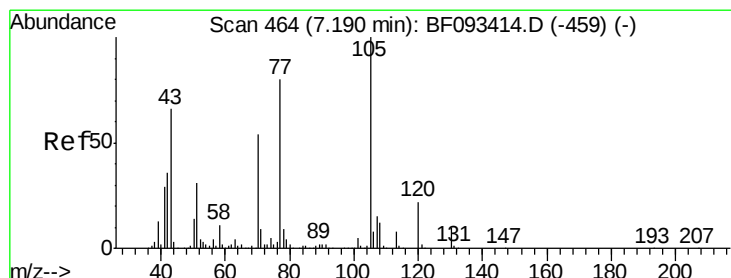
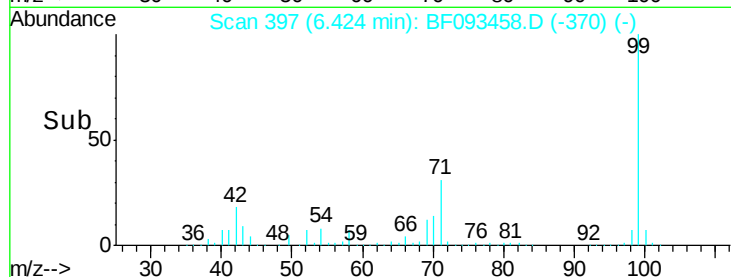
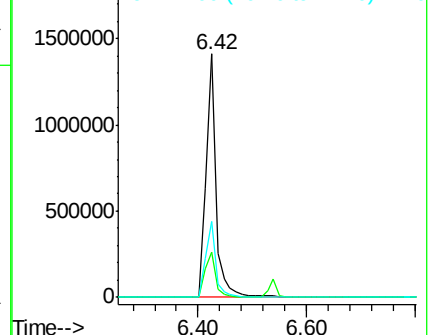
71 31.0 27.5 41.3



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: 15.62 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093458.D

Acq: 9 Mar 2017 6:16

Tgt Ion: 70 Resp: 145638

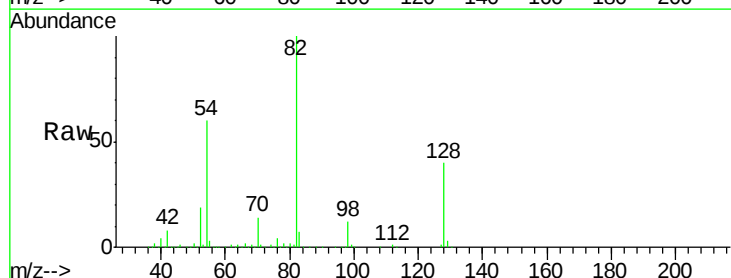
Ion Ratio Lower Upper

70 100

42 54.1 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

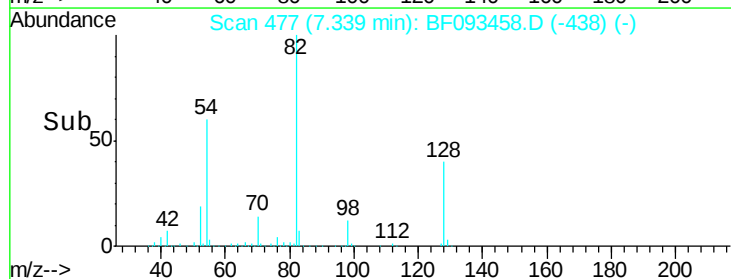
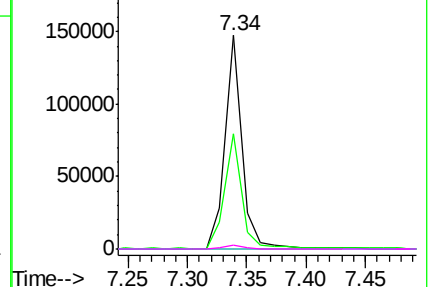


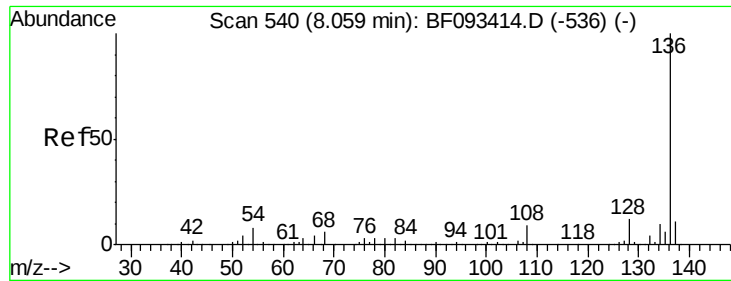
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

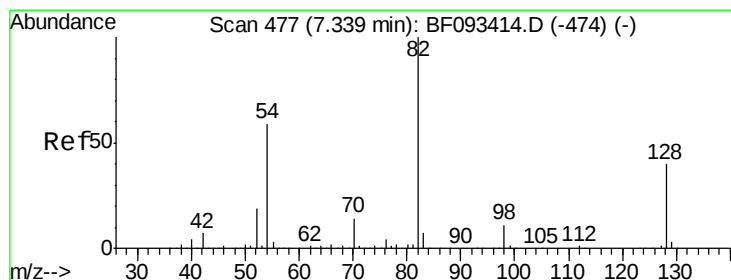
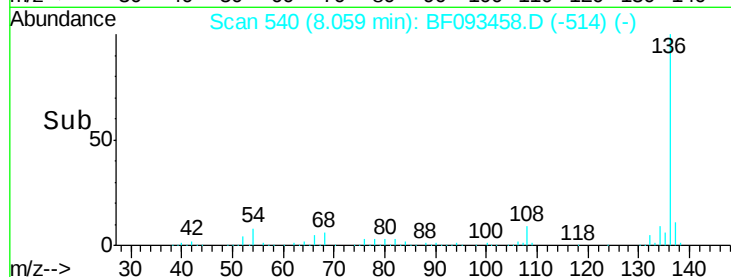
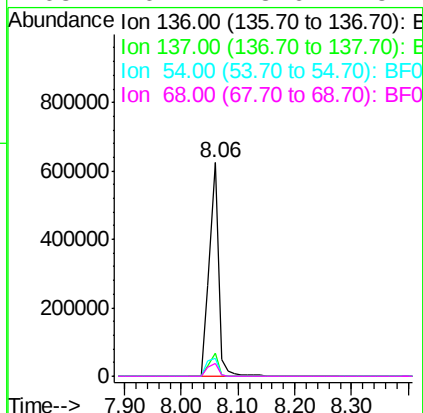
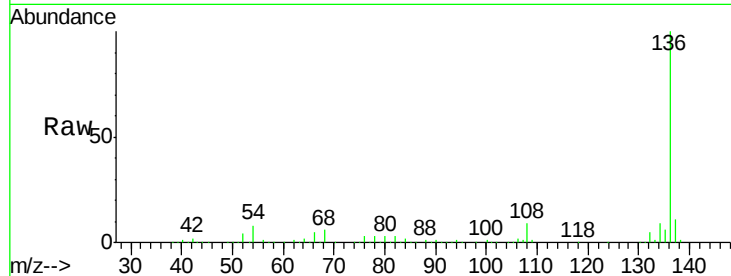




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

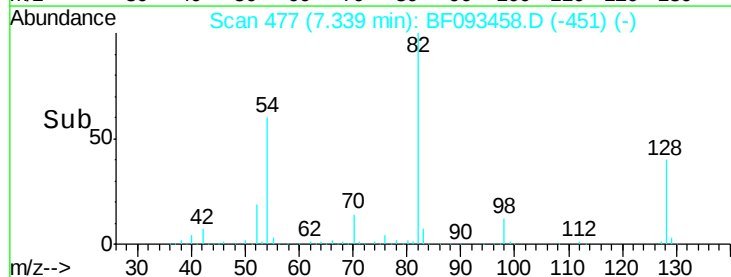
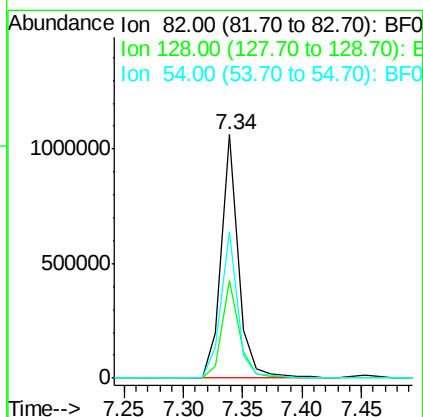
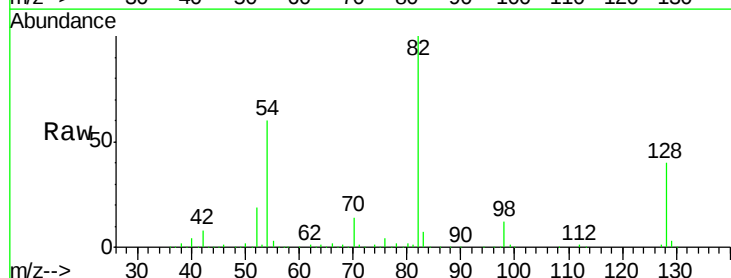
Instrument :
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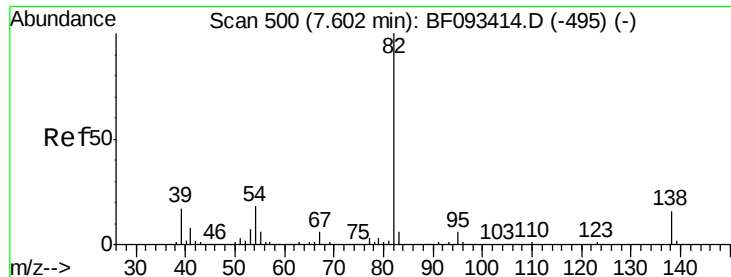
Tgt Ion:	136	Resp:	673974
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.4	4.5	6.7#
68	6.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 87.93 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

Tgt Ion:	82	Resp:	1068147
Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.6	52.0
54	60.2	39.5	59.3#

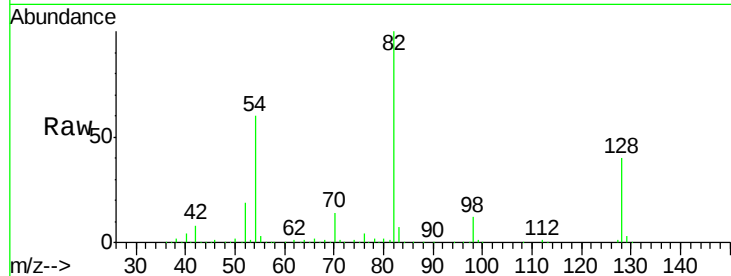




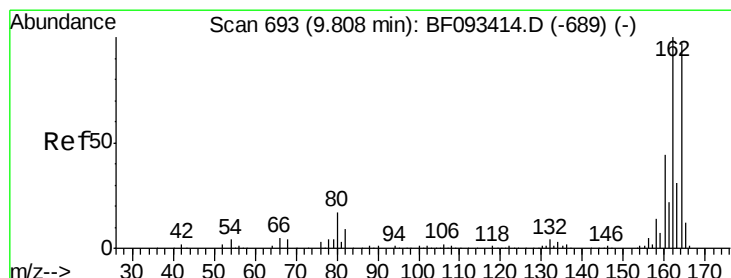
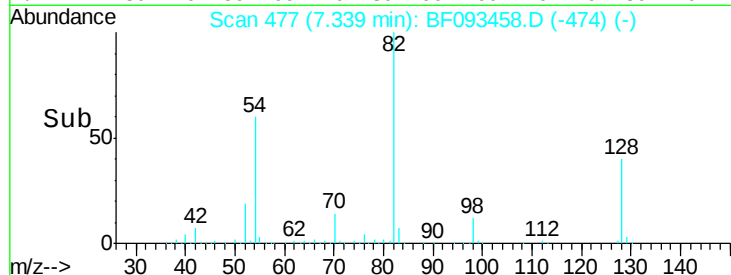
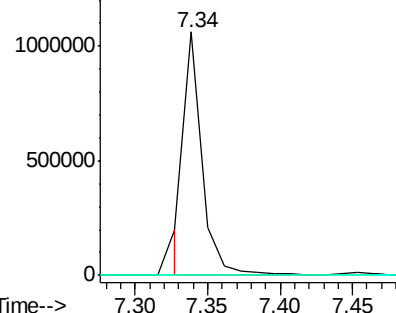
#25
Isophorone
Concen: 37.28 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001

Tgt Ion: 82 Resp: 913228
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#

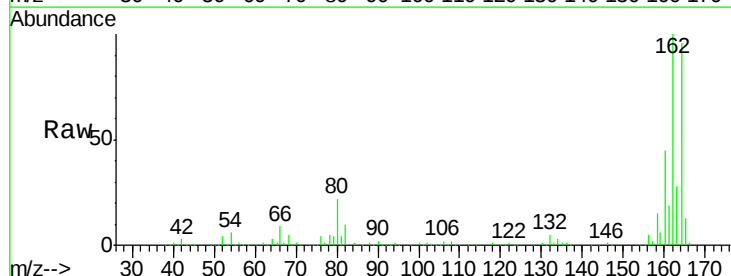


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

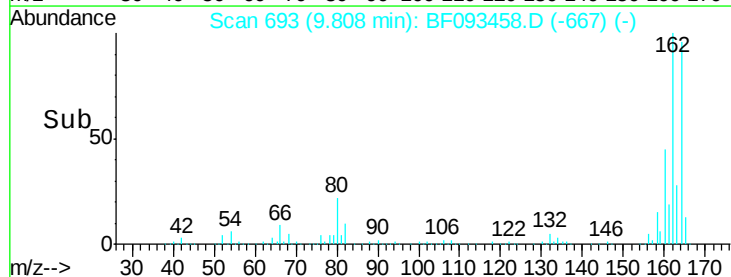
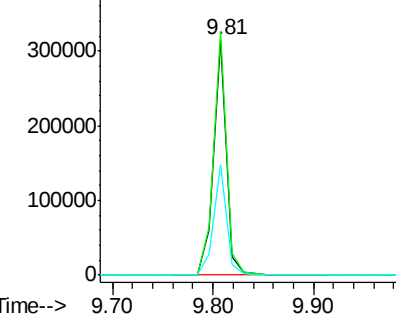


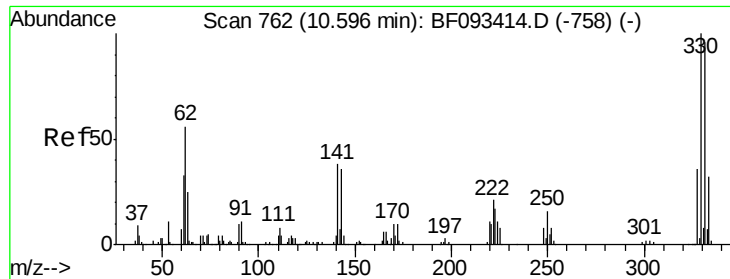
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

Tgt Ion: 164 Resp: 280158
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 47.0 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

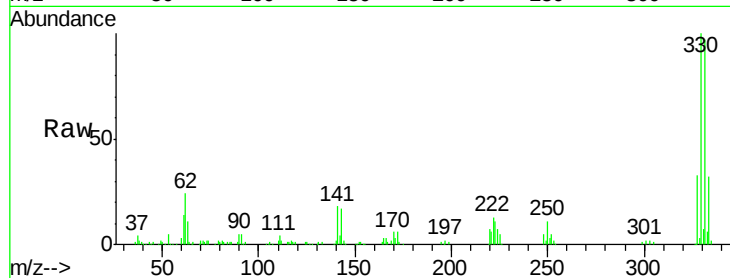




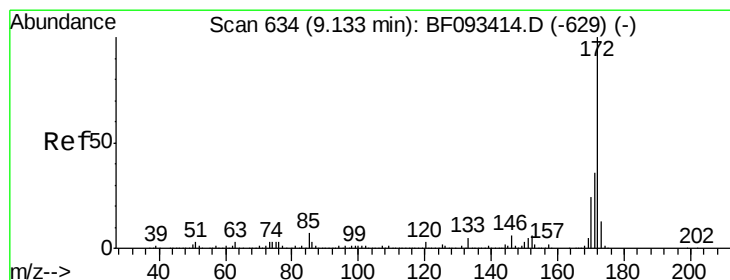
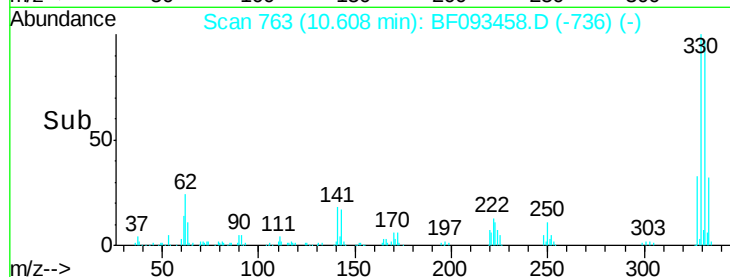
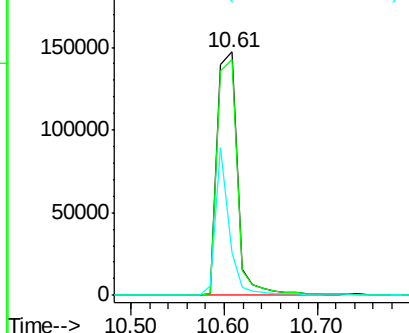
#41
 2,4,6-Tribromophenol
 Concen: 121.97 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Instrument :
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Tgt Ion:330 Resp: 222627
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 42.0 34.1 51.1

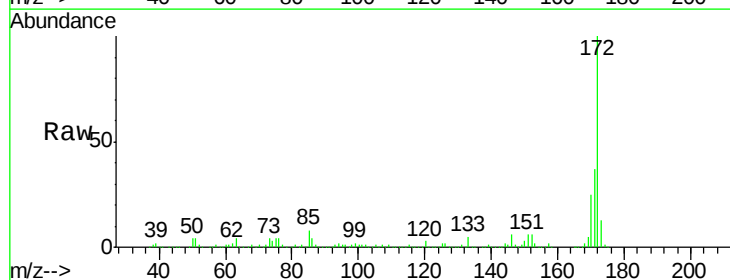


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

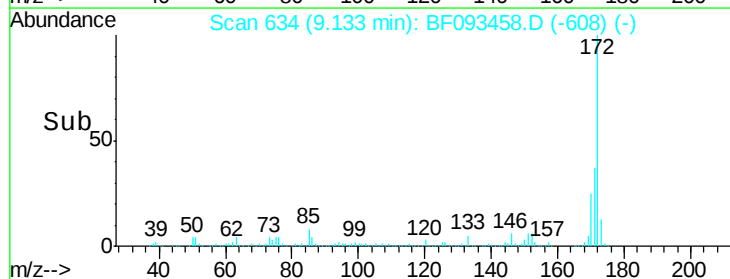
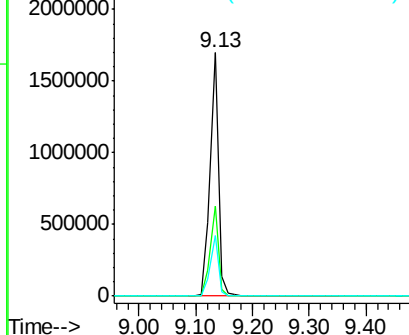


#44
 2-Fluorobiphenyl
 Concen: 110.03 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Tgt Ion:172 Resp: 1657333
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.1 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

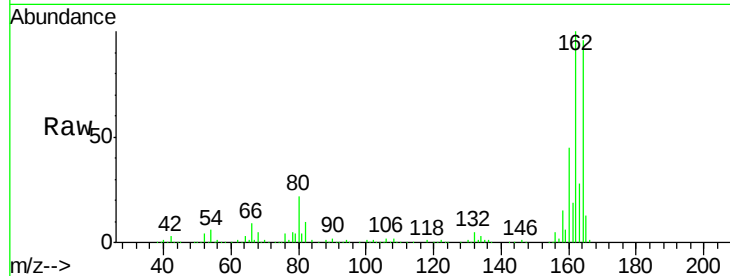




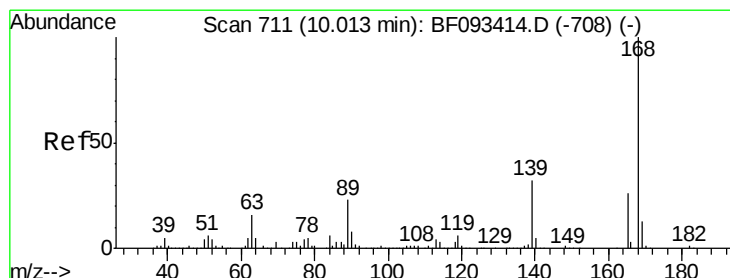
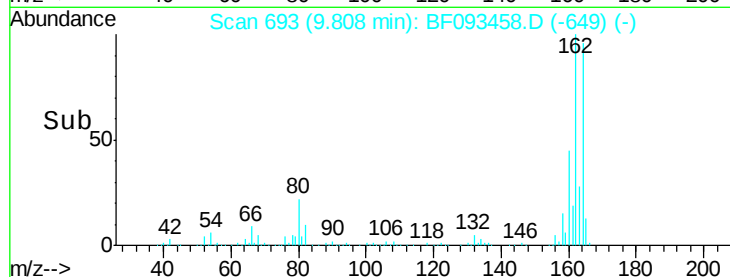
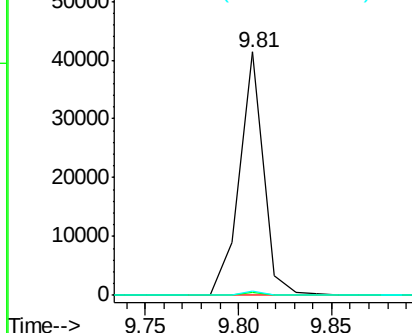
#50
 2,6-Dinitrotoluene
 Concen: 9.21 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.21 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001

Tgt Ion:165 Resp: 37534
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.2 54.4#
 89 1.6 40.2 60.4#

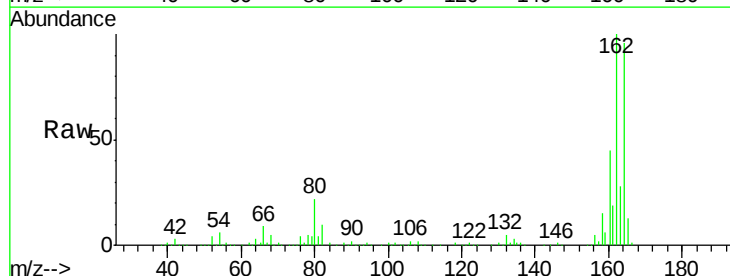


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

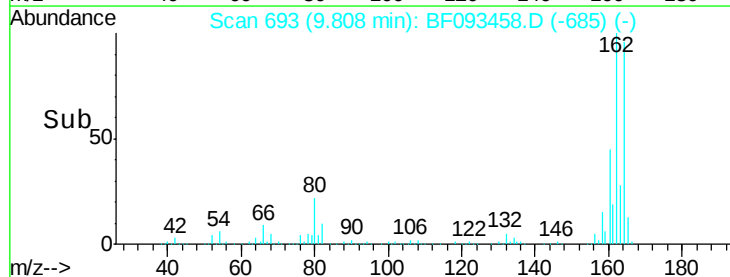
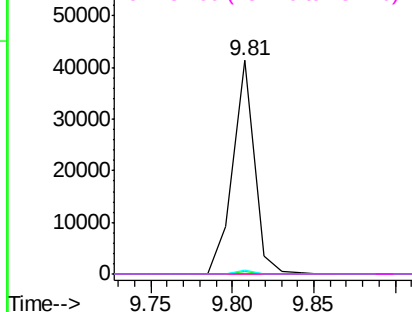


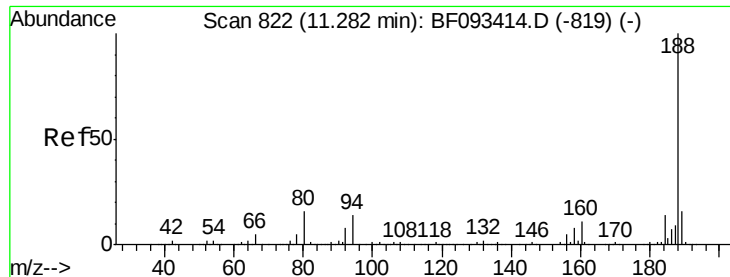
#56
 2,4-Dinitrotoluene
 Concen: 7.50 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.21 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Tgt Ion:165 Resp: 37528
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 1.6 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

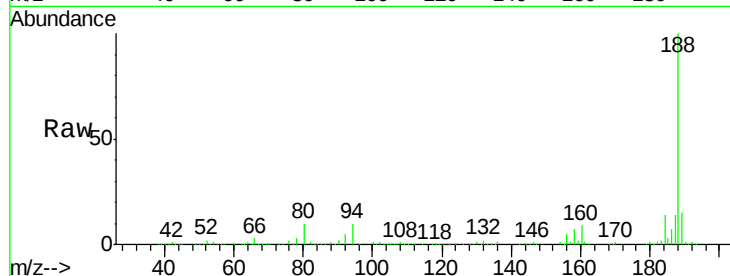




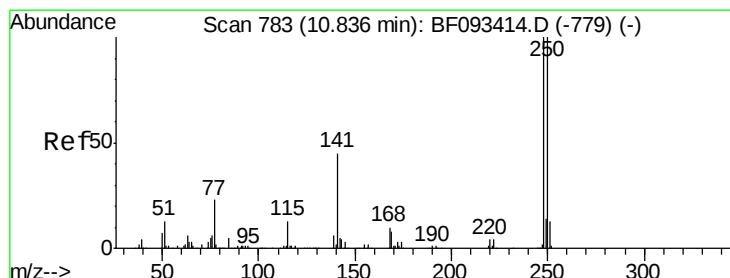
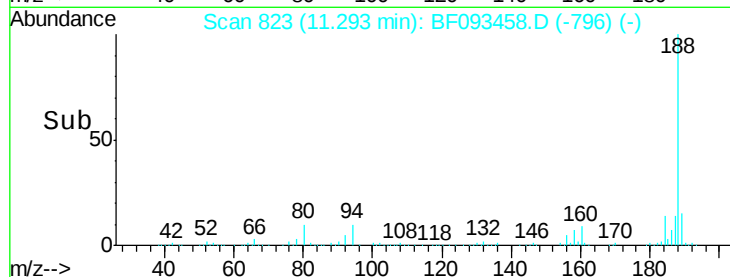
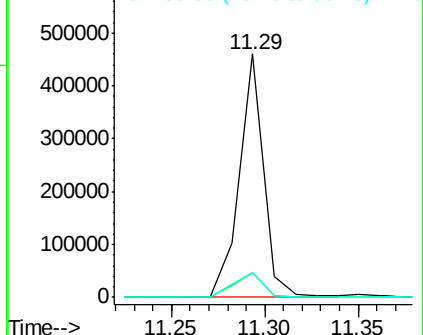
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001

Tgt Ion:188 Resp: 421318
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 10.4 11.2 16.8#

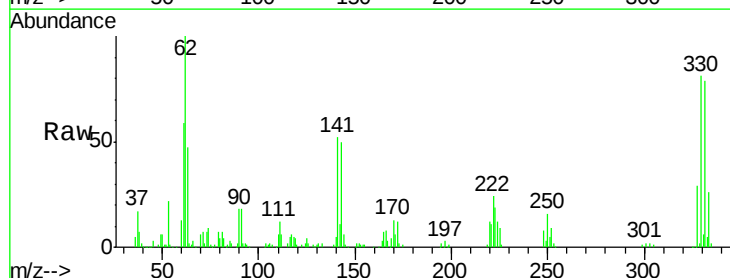


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

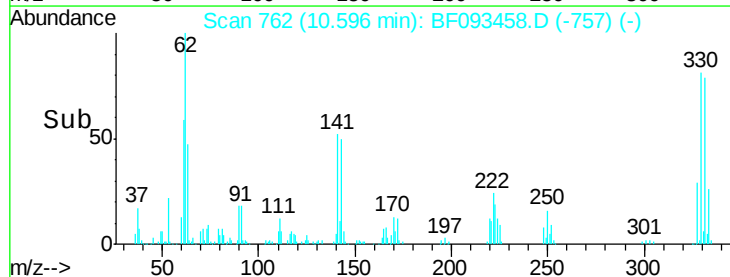
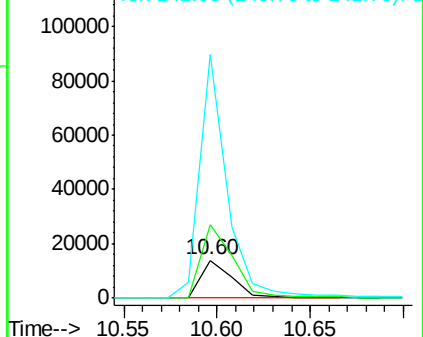


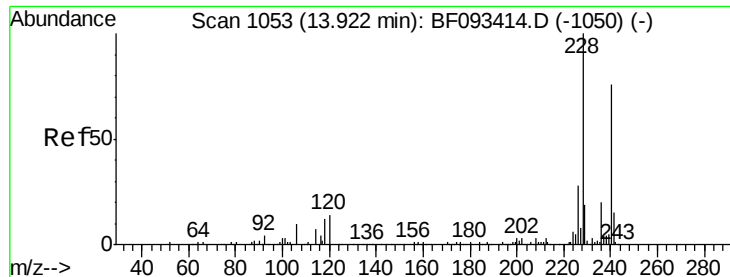
#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

Tgt Ion:248 Resp: 16435
Ion Ratio Lower Upper
248 100
250 192.9 76.9 115.3#
141 638.9 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: BF093458.D

Acq: 9 Mar 2017 6:16

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001

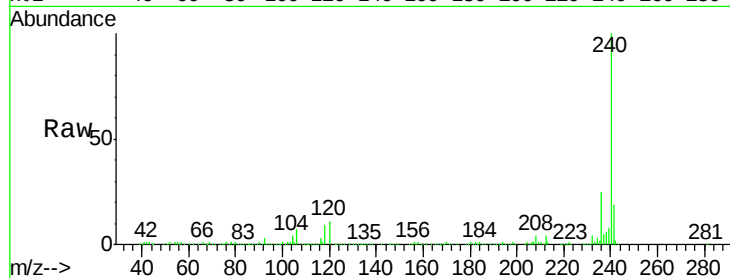
Tgt Ion:240 Resp: 374880

Ion Ratio Lower Upper

240 100

120 10.7 12.9 19.3#

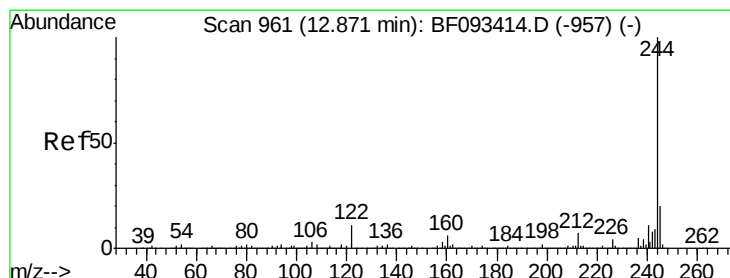
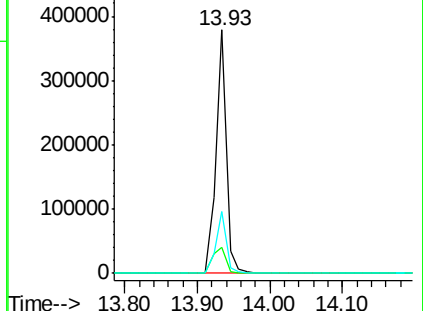
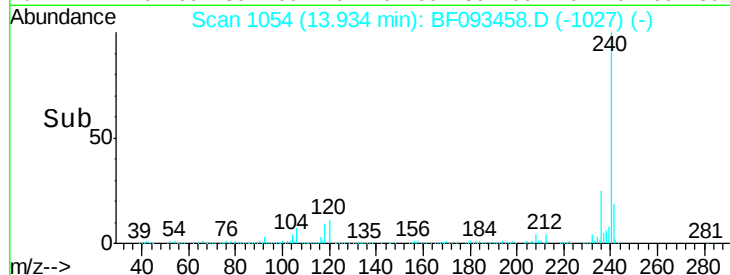
236 25.4 20.9 31.3



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: 74.70 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093458.D

Acq: 9 Mar 2017 6:16

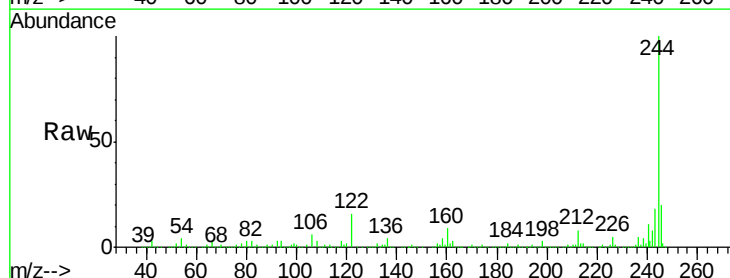
Tgt Ion:244 Resp: 1077104

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

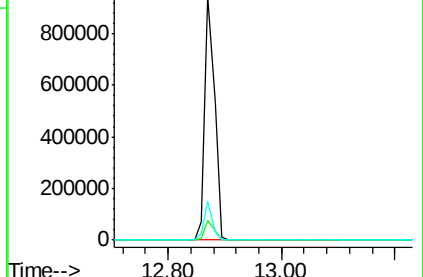
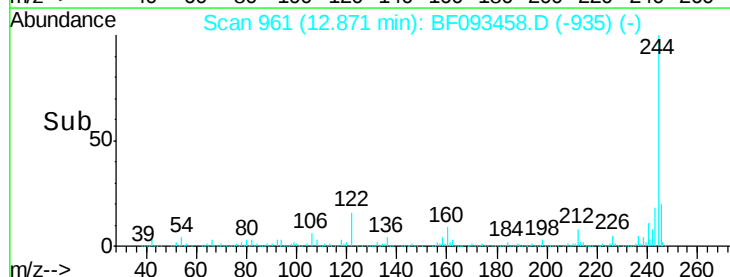
122 16.0 11.4 17.2

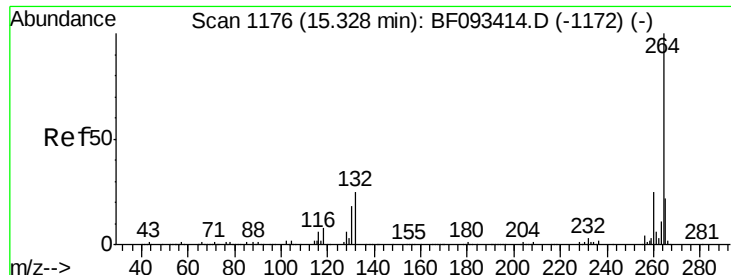


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

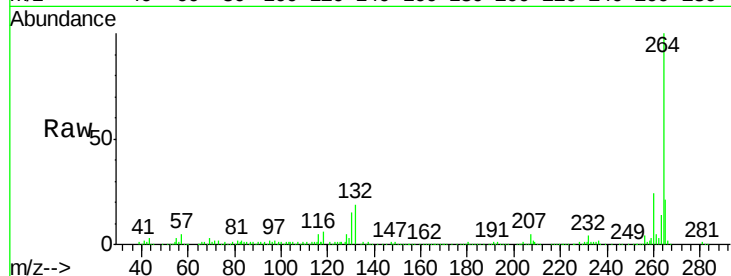




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	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

