

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093522.D
 Acq On : 10 Mar 2017 15:19
 Operator : SJ/MA
 Sample : I2160-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B37-B40-001

Quant Time: Mar 10 18:53:41 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

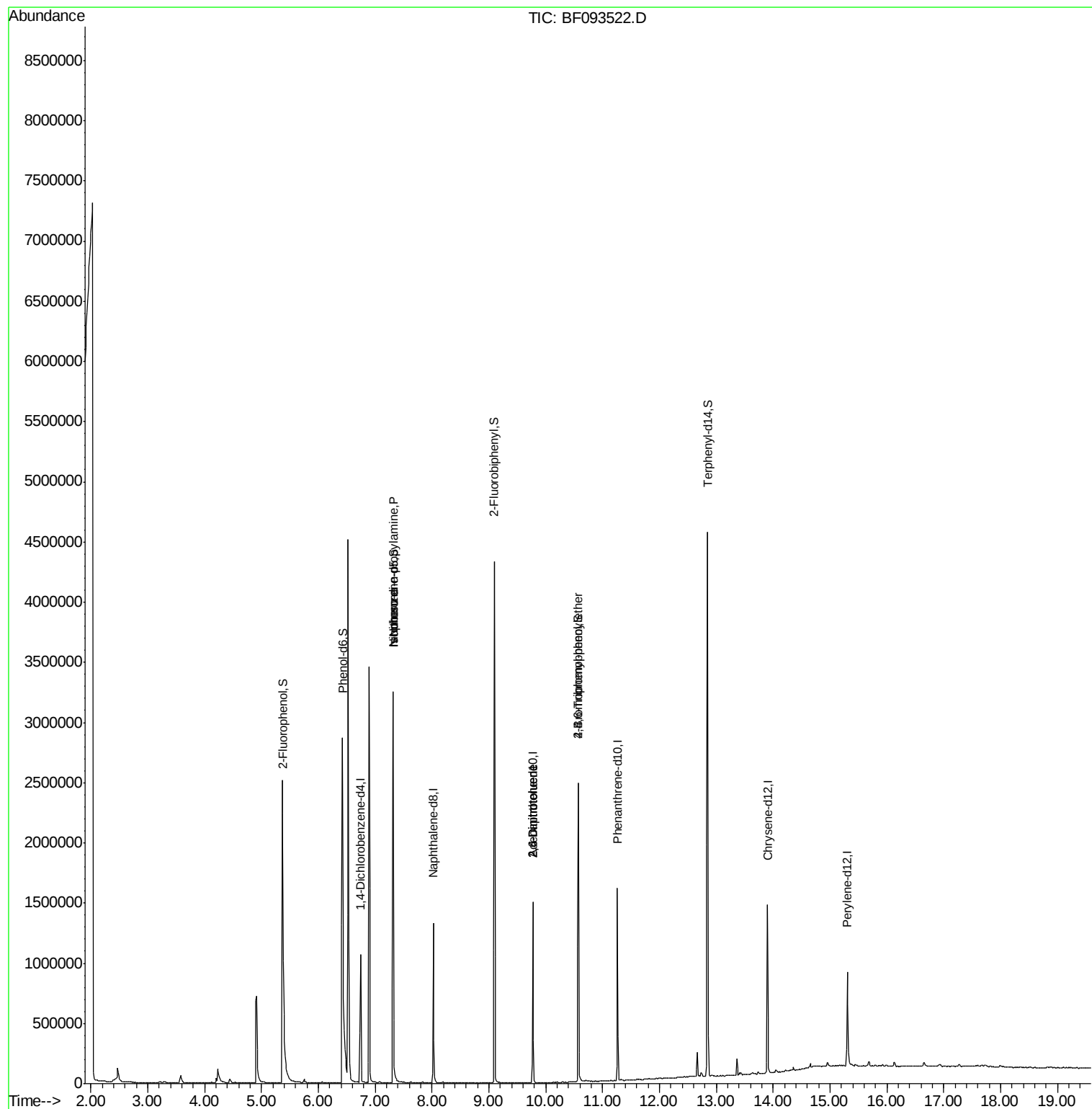
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	181233	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	630377	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	299049	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	579790	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	513303	20.00	ng	-0.02
86) Perylene-d12	15.31	264	375822	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1435408	131.82	ng	0.02
7) Phenol-d6	6.42	99	1847994	134.58	ng	0.01
23) Nitrobenzene-d5	7.32	82	1128598	99.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	313051	160.67	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1551527	96.50	ng	-0.03
78) Terphenyl-d14	12.85	244	1538303	77.92	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.42	77	2716	Below Cal	#	26
19) n-Nitroso-di-n-propylamine	7.32	70	150217	15.91	ng	# 83
25) Isophorone	7.32	82	1128663	49.26	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	38547	8.86	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	38541	7.21	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	24268	3.96	ng	# 1

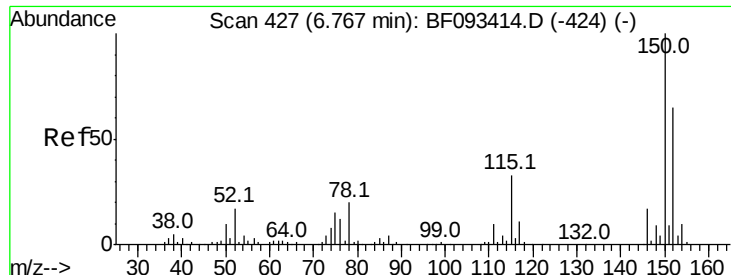
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093522.D
Acq On : 10 Mar 2017 15:19
Operator : SJ/MA
Sample : I2160-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B37-B40-001

Quant Time: Mar 10 18:53:41 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



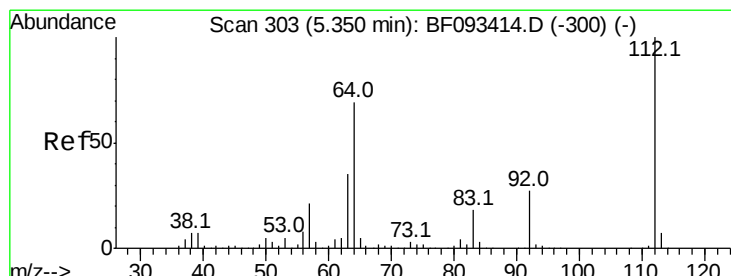
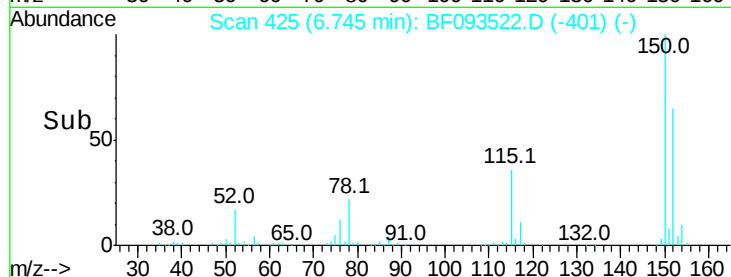
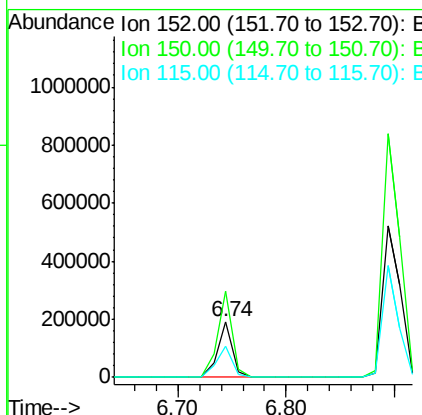
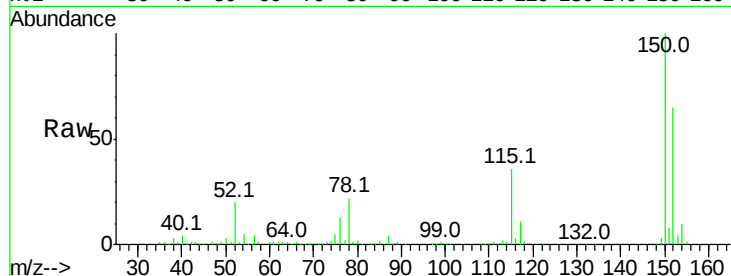


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093522.D
Acq: 10 Mar 2017 15:19

Instrument :
BNA_F
ClientSampleId :
WC-B37-B40-001

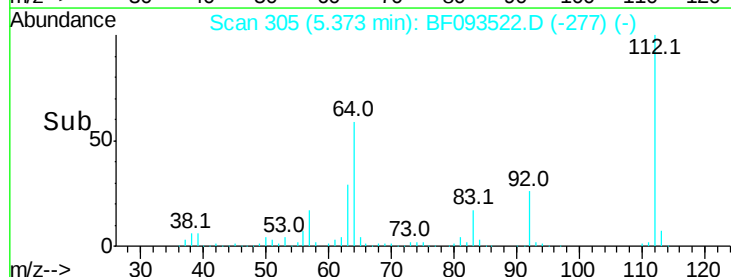
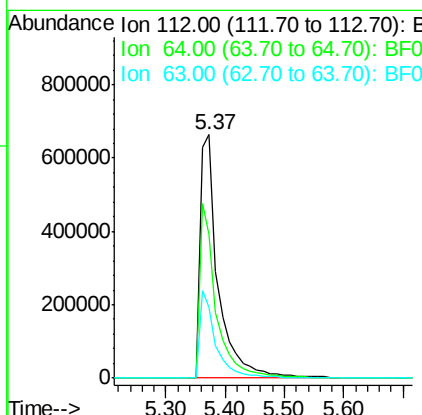
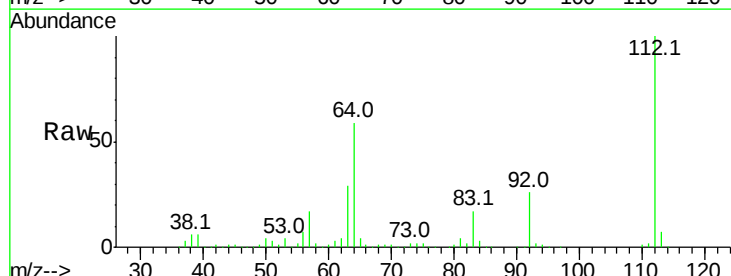
Tot Ion:152 Resp: 181233
Ion Ratio Lower Upper
152 100
150 153.0 124.9 187.3
115 55.2 46.0 69.0

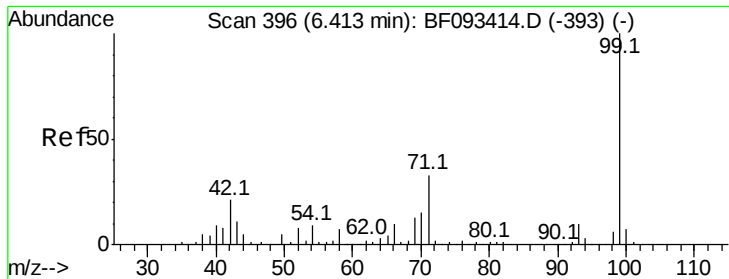


#5

2-Fluorophenol
Concen: 131.82 ng
RT: 5.37 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF093522.D
Acq: 10 Mar 2017 15:19

Tgt Ion:112 Resp: 1435408
Ion Ratio Lower Upper
112 100
64 58.9 46.1 69.1
63 28.9 23.8 35.6





#7

Phenol-d6

Concen: 134.58 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093522.D

Acq: 10 Mar 2017 15:19

Instrument :

BNA_F

ClientSampleId :

WC-B37-B40-001

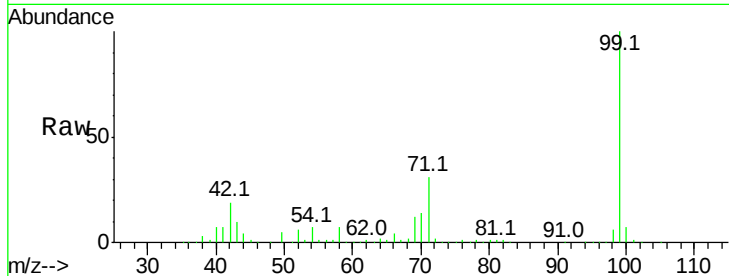
Tot Ion: 99 Resp: 1847994

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

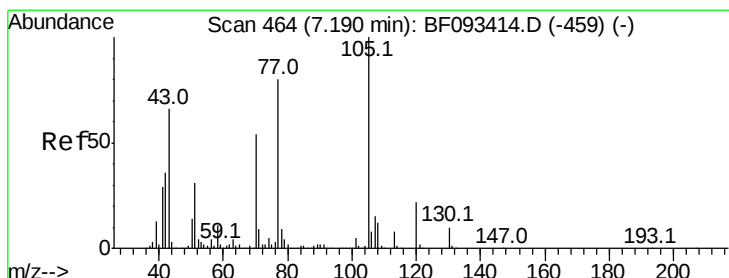
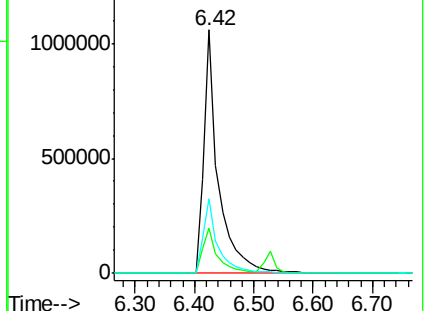
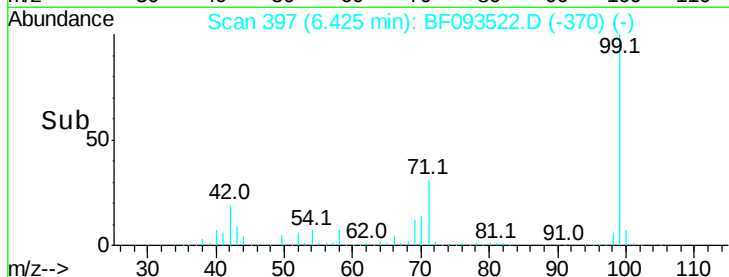
71 30.7 27.5 41.3



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: 15.91 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093522.D

Acq: 10 Mar 2017 15:19

Tgt Ion: 70 Resp: 150217

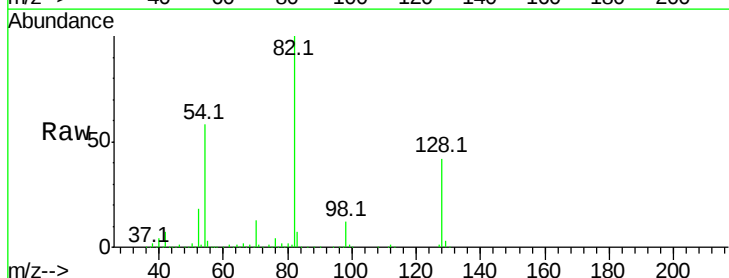
Ion Ratio Lower Upper

70 100

42 54.3 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

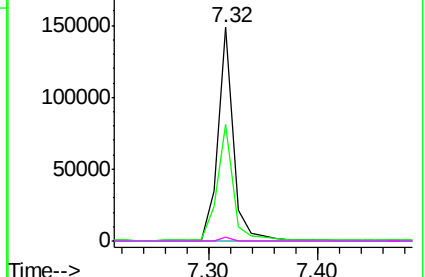
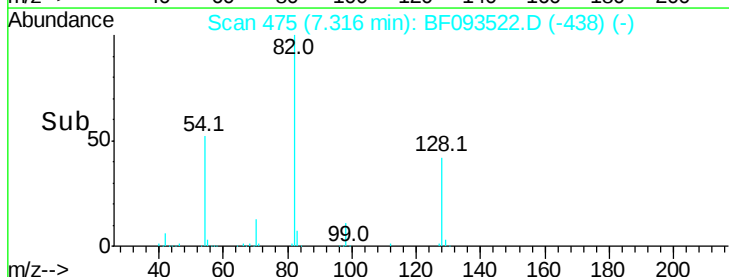


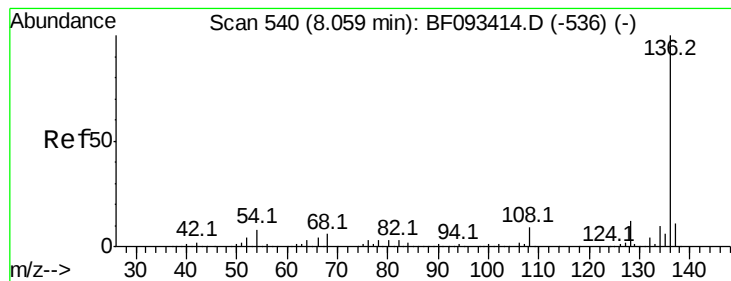
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093522.D

Acq: 10 Mar 2017 15:19

Instrument :

BNA_F

ClientSampleId :

WC-B37-B40-001

Tot Ion:136 Resp: 630377

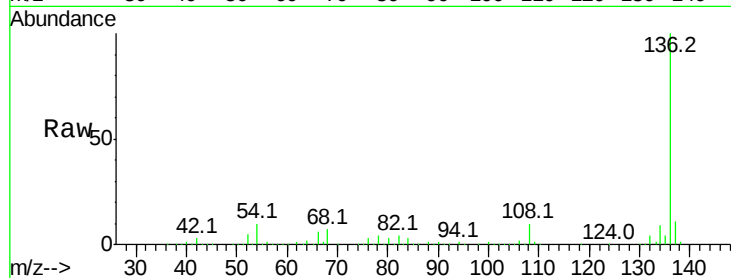
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.4 4.5 6.7#

68 7.0 3.6 5.4#

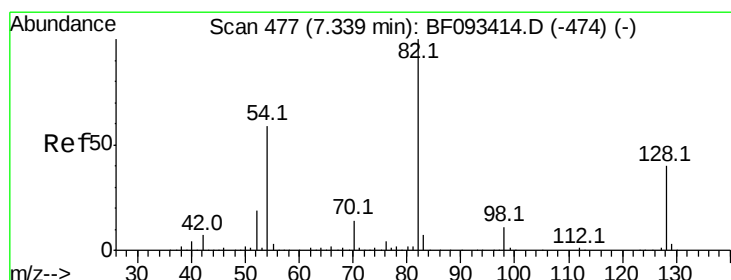
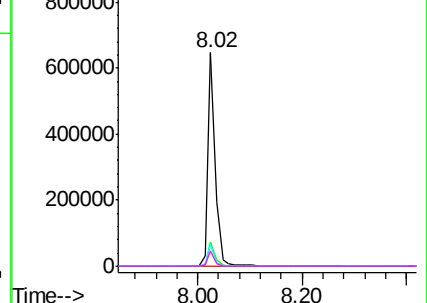
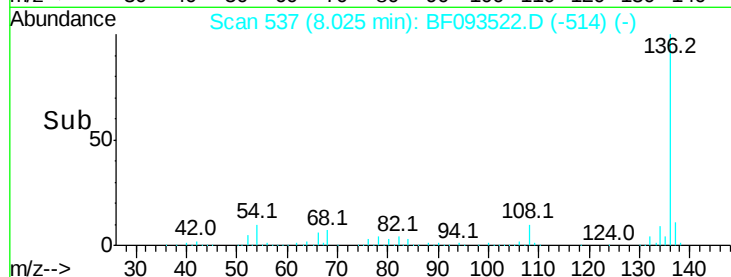


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.34 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF093522.D

Acq: 10 Mar 2017 15:19

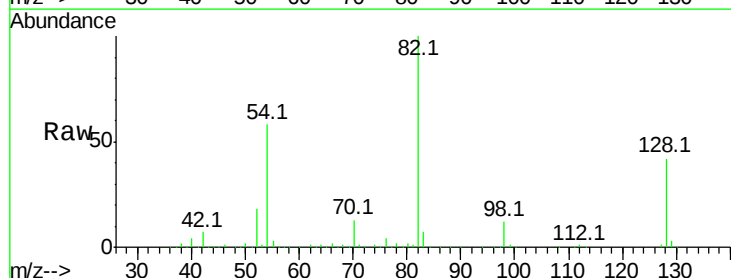
Tgt Ion: 82 Resp: 1128598

Ion Ratio Lower Upper

82 100

128 41.6 34.6 52.0

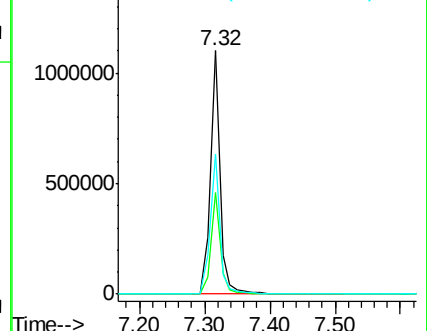
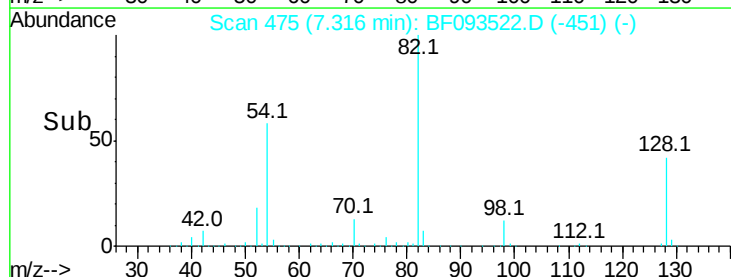
54 57.5 39.5 59.3

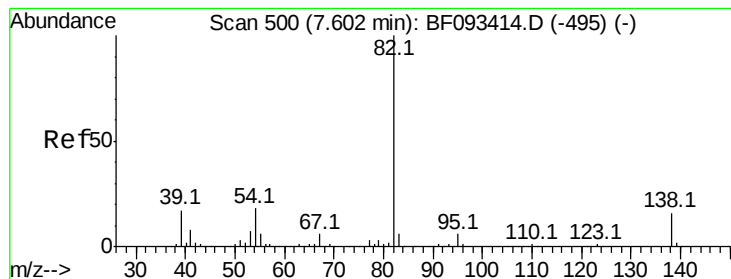


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.26 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093522.D

Acq: 10 Mar 2017 15:19

Instrument :

BNA_F

ClientSampleId :

WC-B37-B40-001

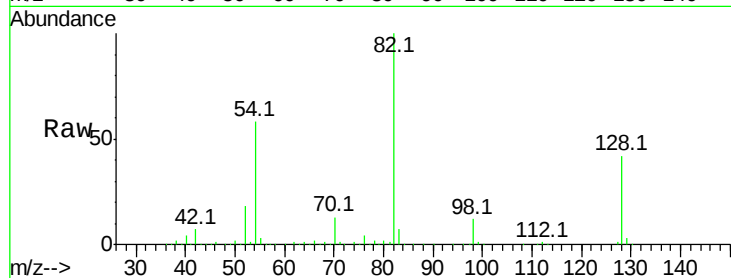
Tot Ion: 82 Resp: 1128663

Ion Ratio Lower Upper

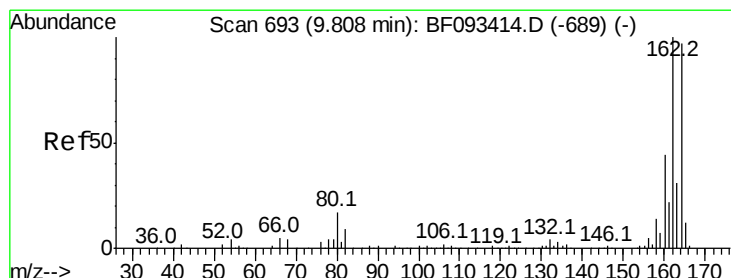
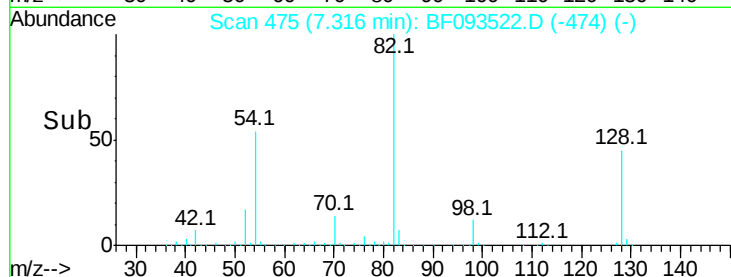
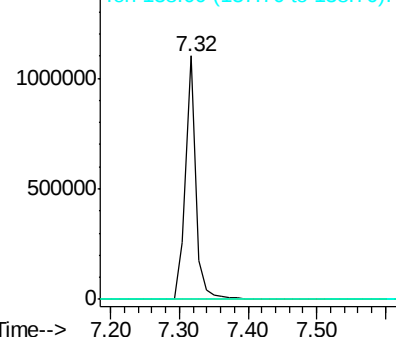
82 100

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: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093522.D

Acq: 10 Mar 2017 15:19

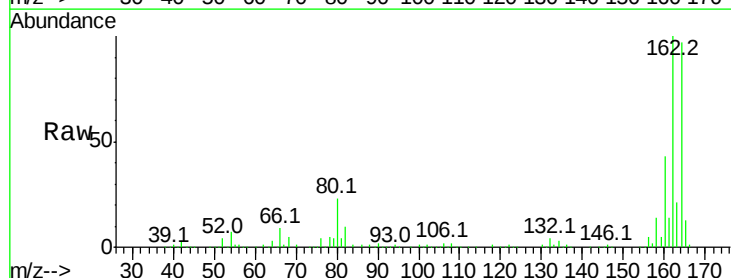
Tgt Ion:164 Resp: 299049

Ion Ratio Lower Upper

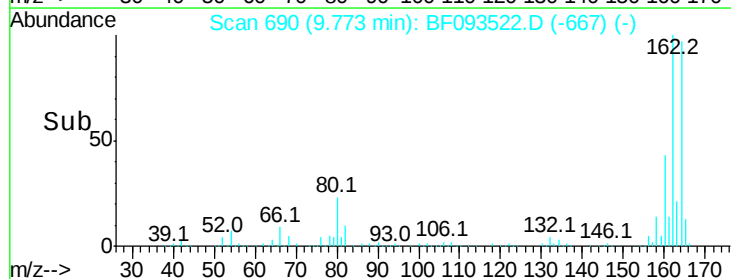
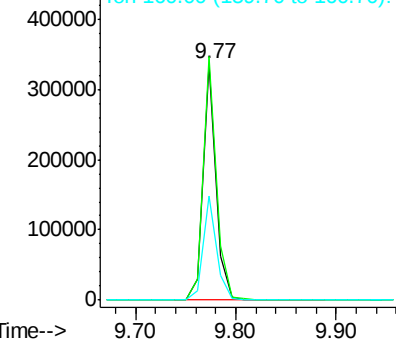
164 100

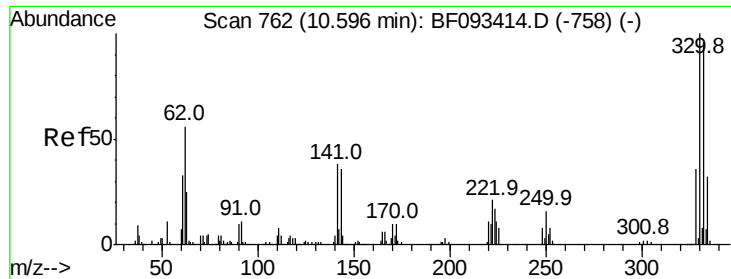
162 103.2 80.2 120.2

160 43.9 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

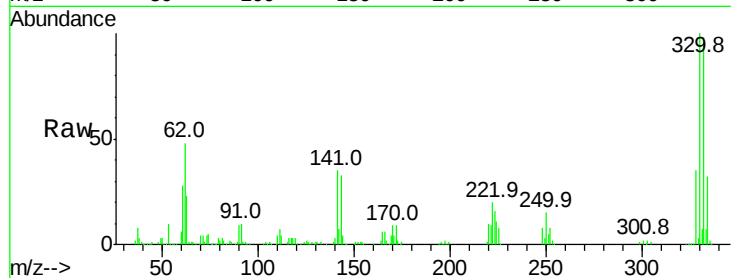




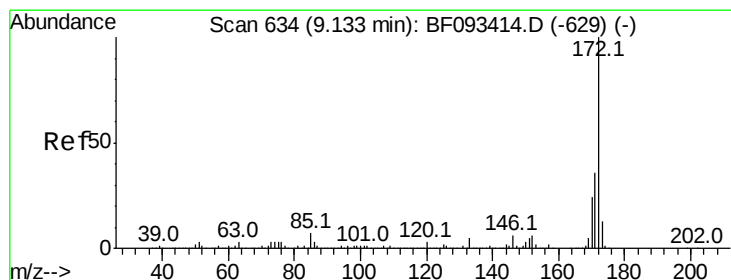
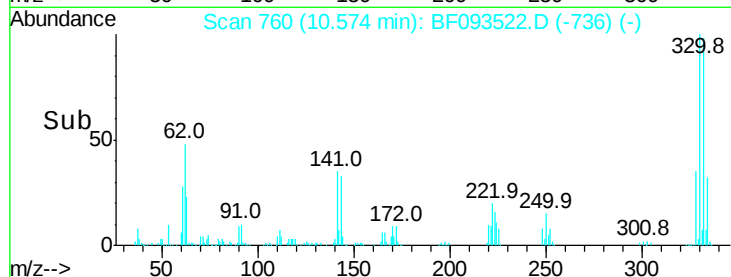
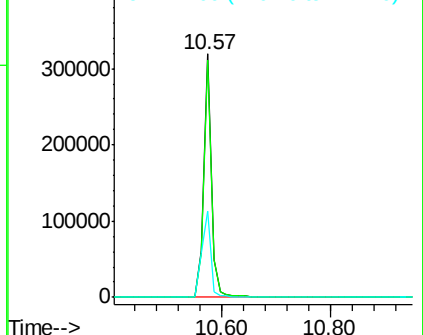
#41
 2,4,6-Tribromophenol
 Concen: 160.67 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093522.D
 Acq: 10 Mar 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-B37-B40-001

Tot Ion:330 Resp: 313051
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 40.6 34.1 51.1

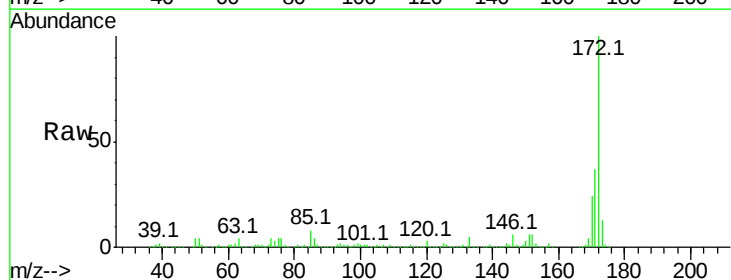


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

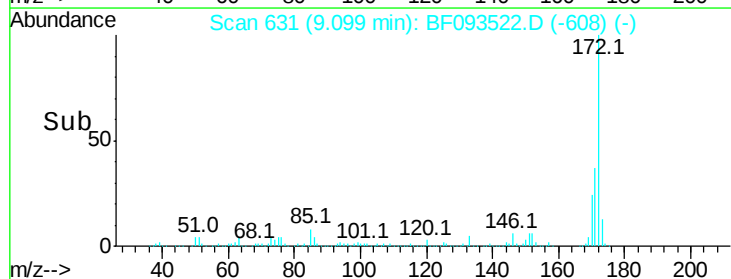
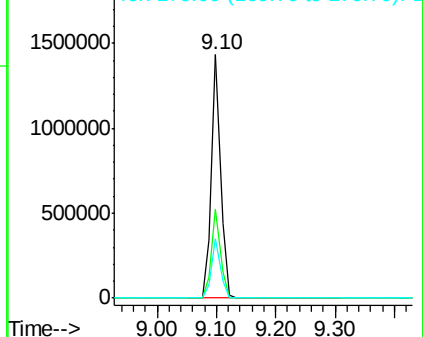


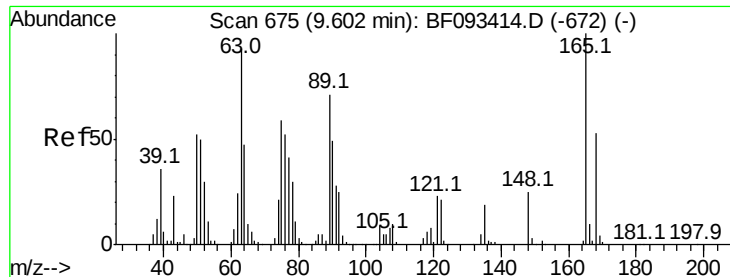
#44
 2-Fluorobiphenyl
 Concen: 96.50 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093522.D
 Acq: 10 Mar 2017 15:19

Tgt Ion:172 Resp: 1551527
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 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

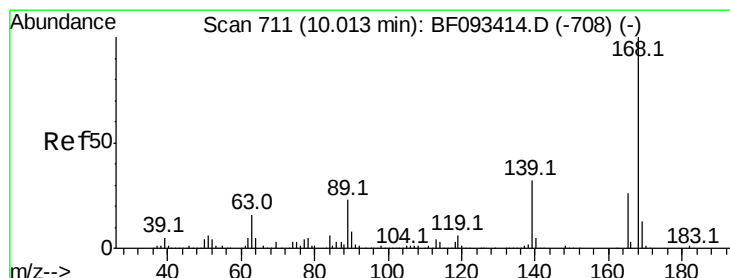
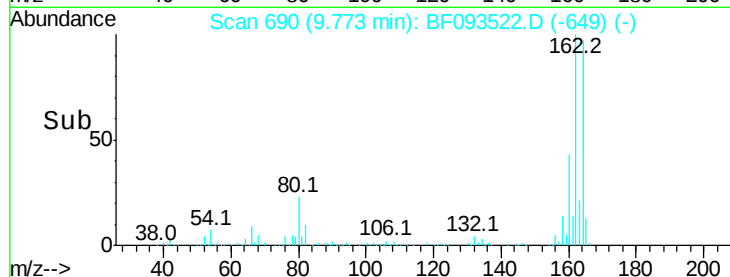
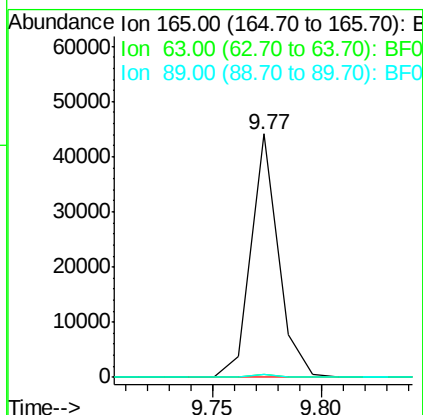
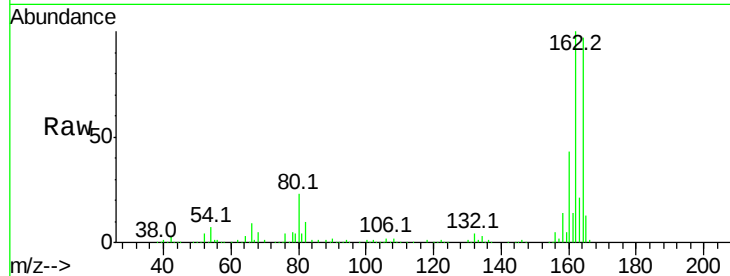




#50
2,6-Dinitrotoluene
Concen: 8.86 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093522.D
Acq: 10 Mar 2017 15:19

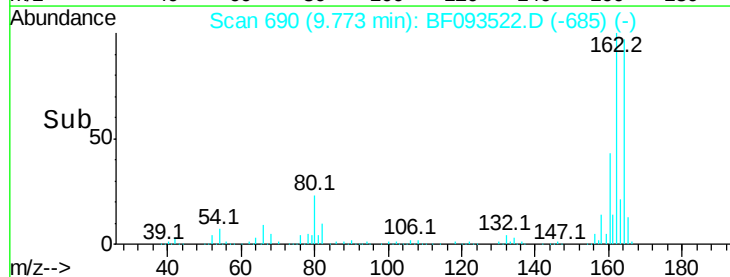
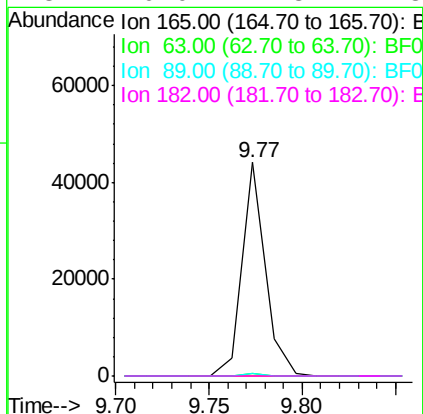
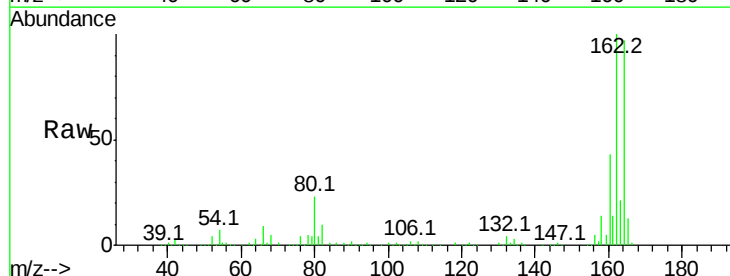
Instrument :
BNA_F
ClientSampleId :
WC-B37-B40-001

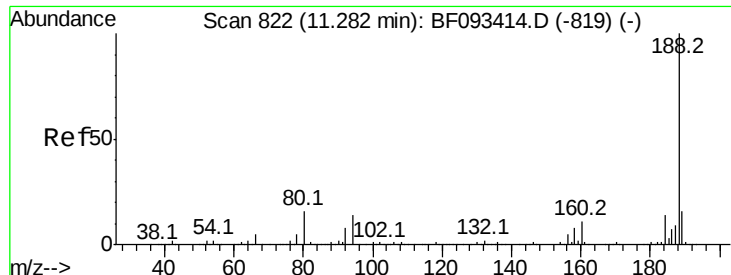
Tot Ion:165 Resp: 38547
Ion Ratio Lower Upper
165 100
63 1.2 36.2 54.4#
89 1.1 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 7.21 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093522.D
Acq: 10 Mar 2017 15:19

Tgt Ion:165 Resp: 38541
Ion Ratio Lower Upper
165 100
63 1.2 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#

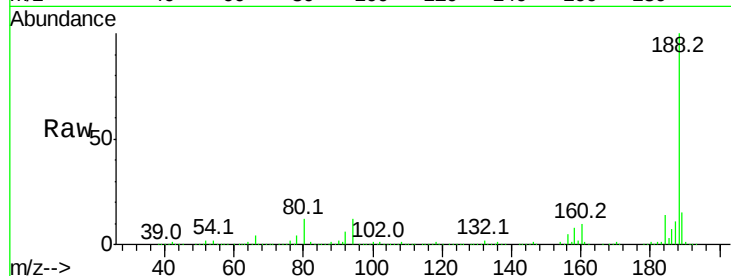




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093522.D
 Acq: 10 Mar 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-B37-B40-001

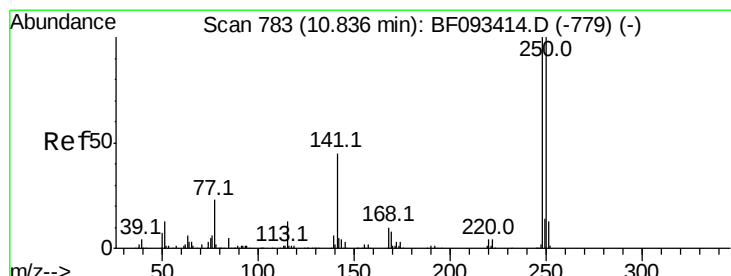
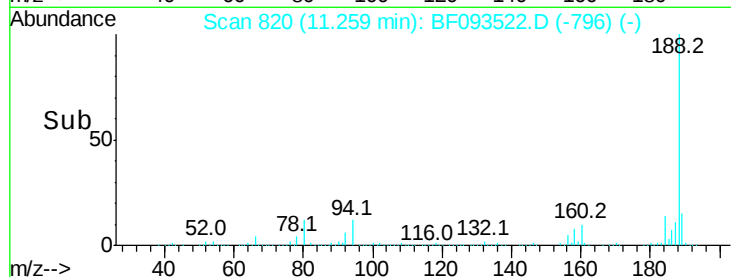
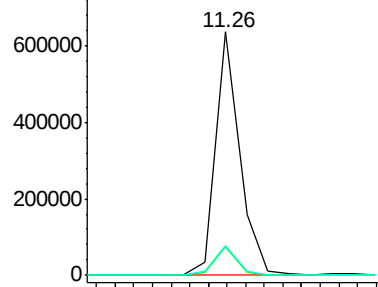
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.0	15.0
80	12.4	11.2	16.8



Abundance Ion 188.00 (187.70 to 188.70): E

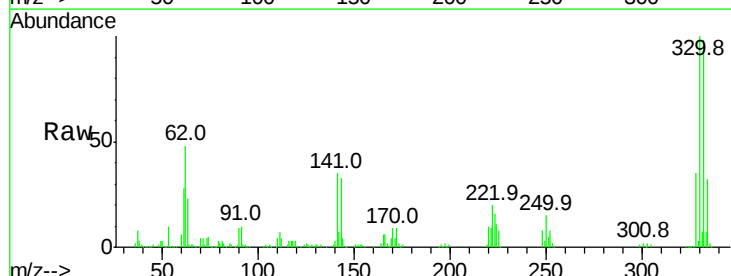
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66
 4-Bromophenyl-phenylether
 Concen: 3.96 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093522.D
 Acq: 10 Mar 2017 15:19

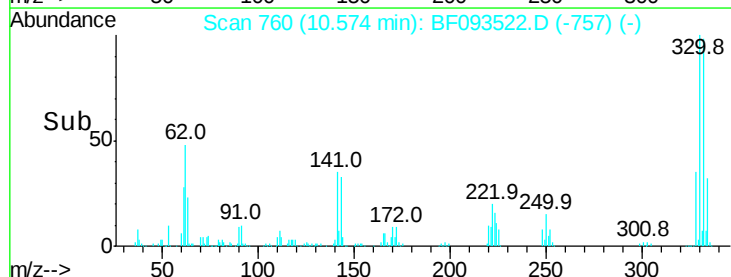
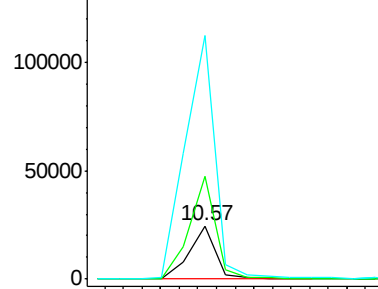
Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.5	76.9	115.3#
141	455.6	68.2	102.4#

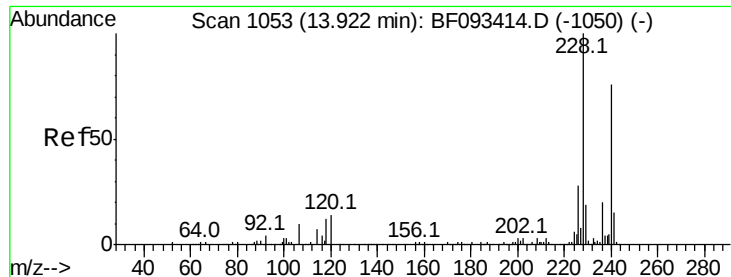


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.02 min

Lab File: BF093522.D

Acq: 10 Mar 2017 15:19

Instrument :

BNA_F

ClientSampleId :

WC-B37-B40-001

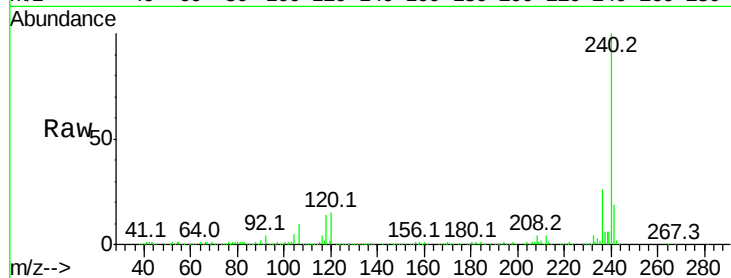
Tot Ion:240 Resp: 513303

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

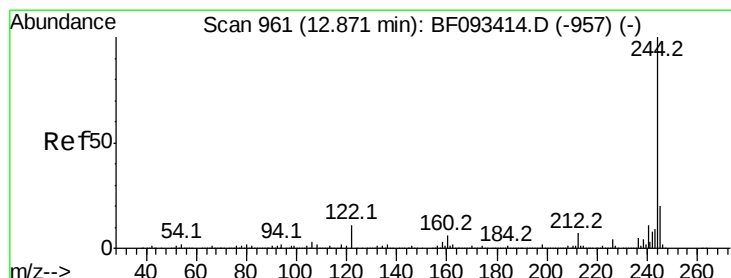
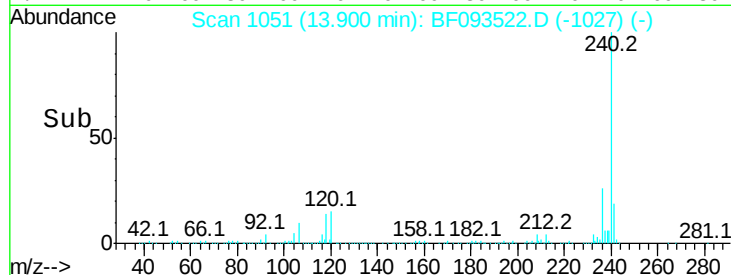
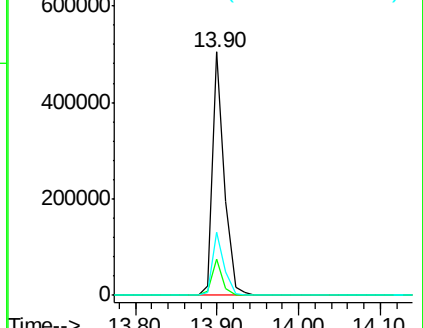
236 26.0 20.9 31.3



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: 77.92 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093522.D

Acq: 10 Mar 2017 15:19

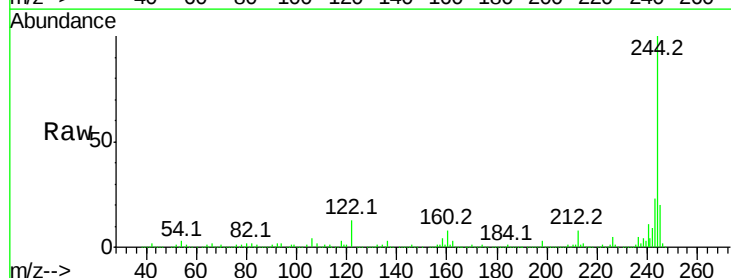
Tgt Ion:244 Resp: 1538303

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

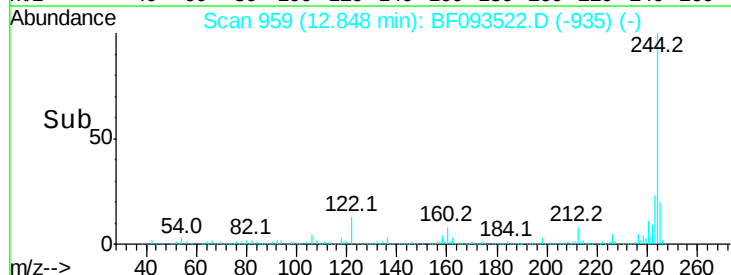
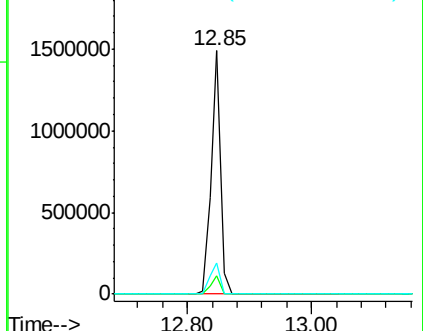
122 12.8 11.4 17.2

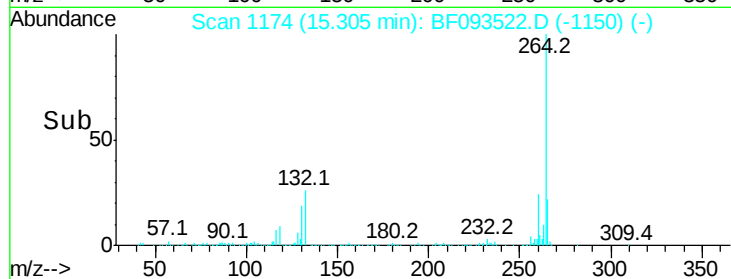
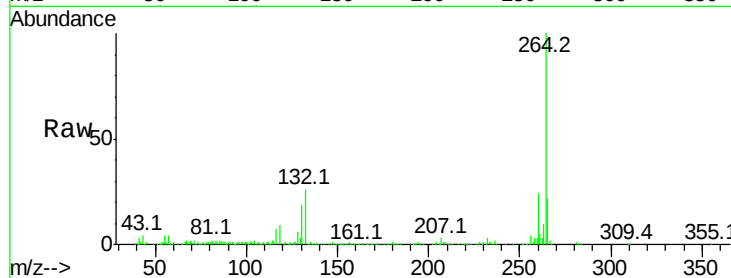
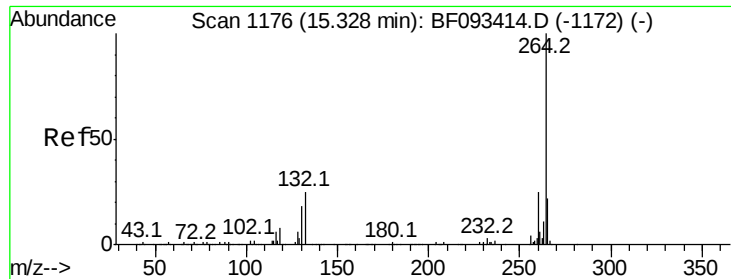


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093522.D
Acq: 10 Mar 2017 15:19

Instrument :
BNA_F
ClientSampleId :
WC-B37-B40-001

Tot Ion:	264	Resp:	375822
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.8	17.4	26.0

