

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093559.D
 Acq On : 11 Mar 2017 8:34
 Operator : SJ/MA
 Sample : I2195-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 14:17:50 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

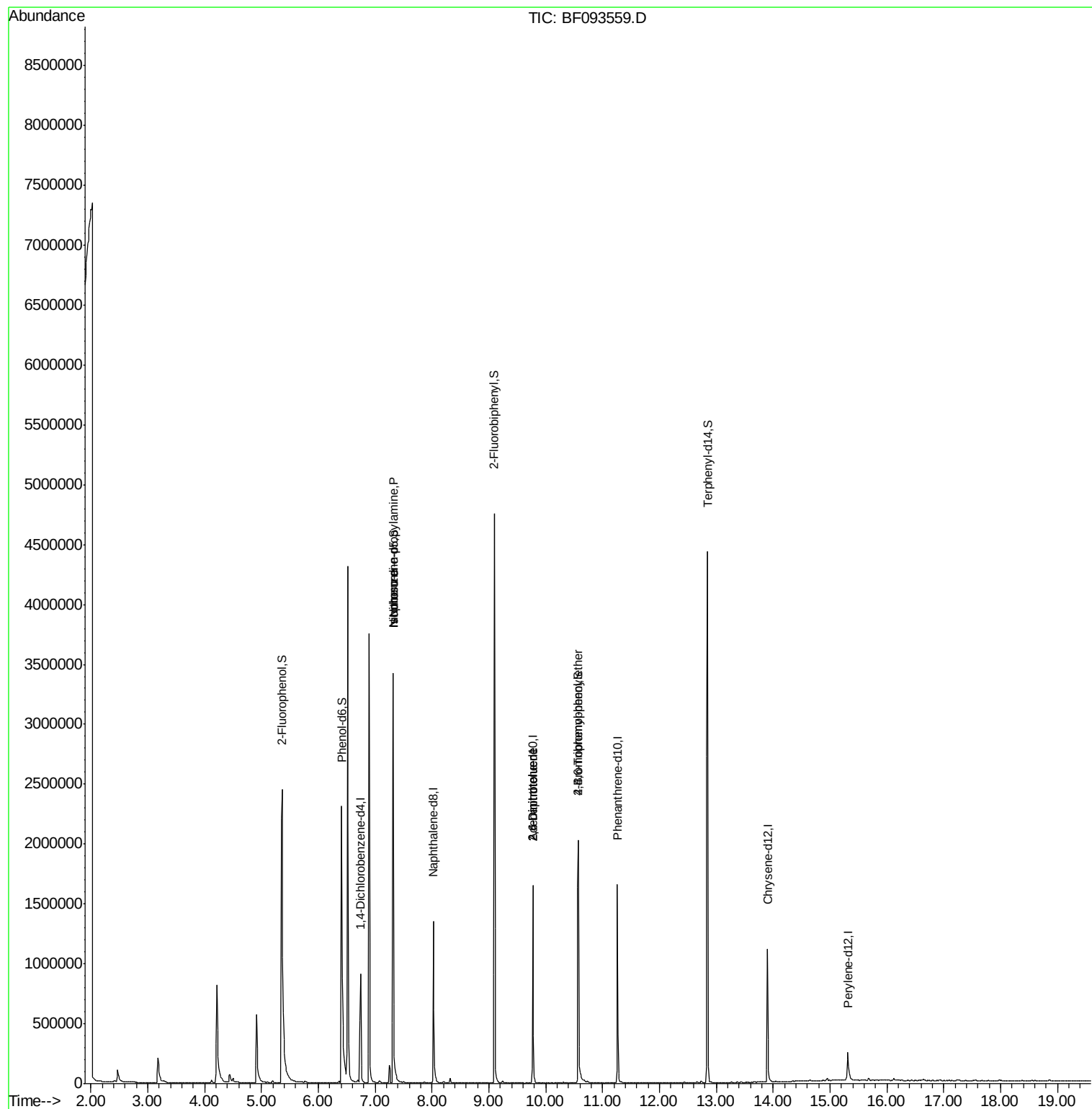
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173993	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	725407	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	318485	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	615372	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	420335	20.00	ng	-0.02
86) Perylene-d12	15.32	264	97819	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1412187	135.08	ng	0.01
7) Phenol-d6	6.41	99	1664224	126.24	ng	0.00
23) Nitrobenzene-d5	7.32	82	1205668	92.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	332137	160.07	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1629470	95.17	ng	-0.03
78) Terphenyl-d14	12.85	244	1616284	99.97	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	2438	Below Cal	#	12
19) n-Nitroso-di-n-propylamine	7.32	70	160911	17.75	ng	# 82
25) Isophorone	7.32	82	1208434	45.84	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	40325	8.70	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	40329	7.09	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	24791	3.81	ng	# 1

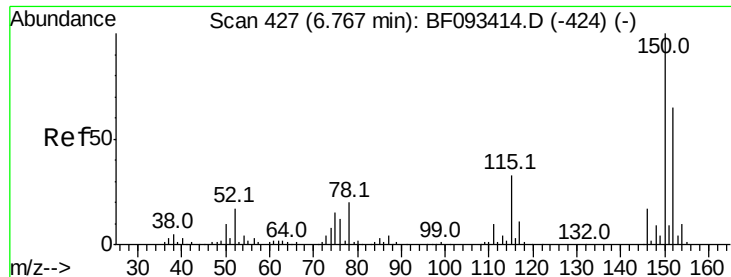
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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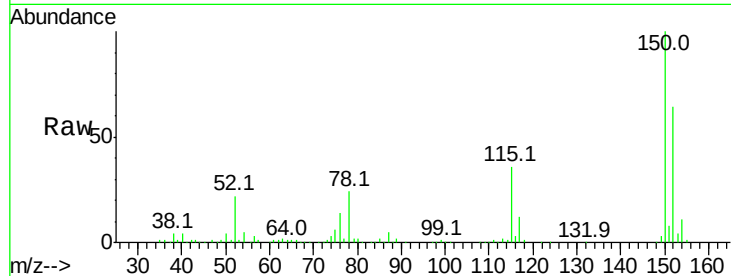


#1

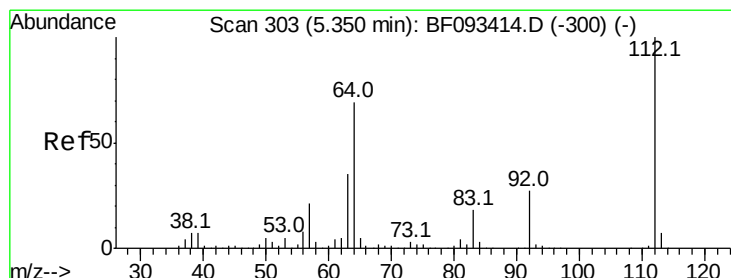
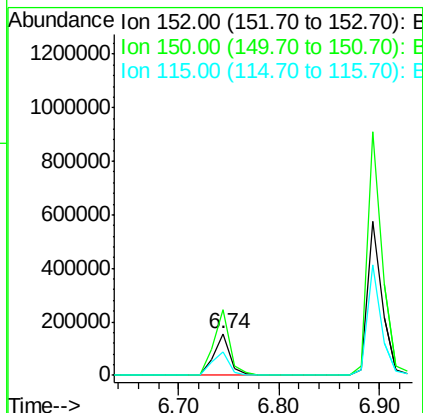
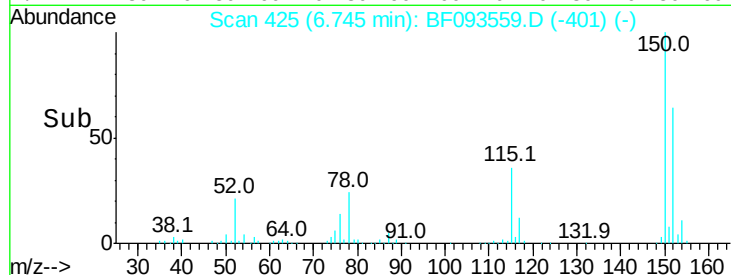
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093559.D
Acq: 11 Mar 2017 8:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.9	187.3
115	56.3	46.0	69.0



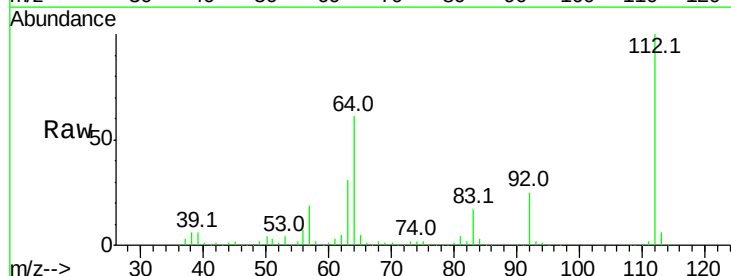
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



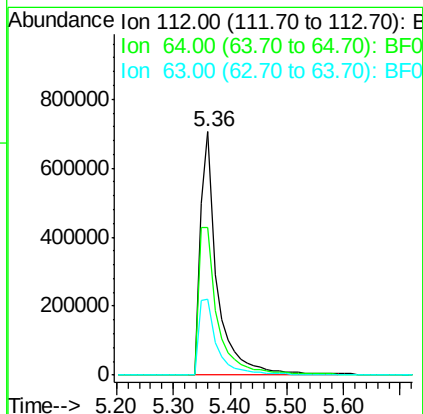
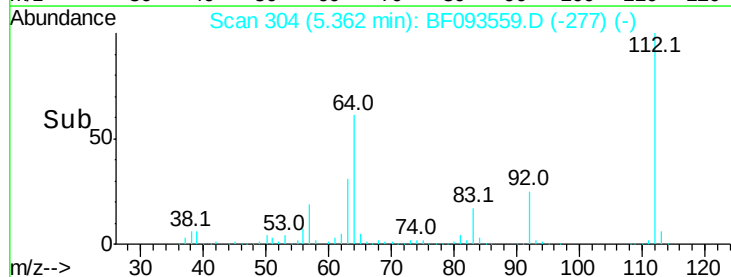
#5

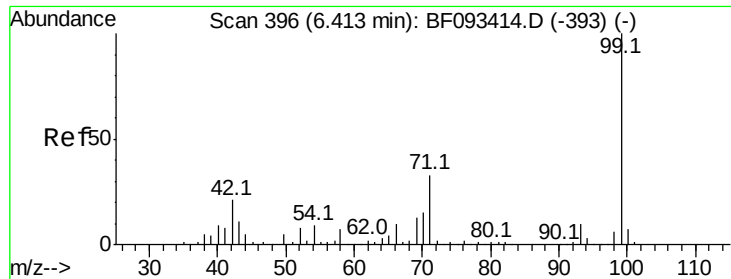
2-Fluorophenol
Concen: 135.08 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093559.D
Acq: 11 Mar 2017 8:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.1	69.1
63	31.0	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: 126.24 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093559.D

Acq: 11 Mar 2017 8:34

Instrument :

BNA_F

ClientSampled :

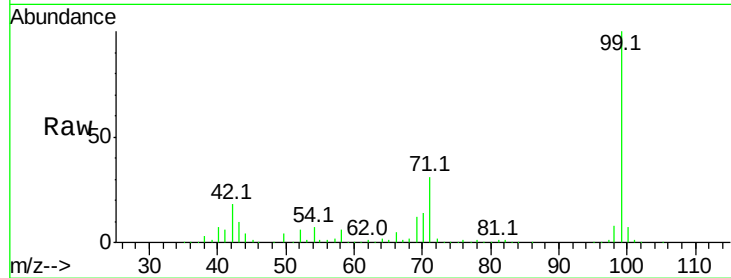
Tot Ion: 99 Resp: 1664224

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

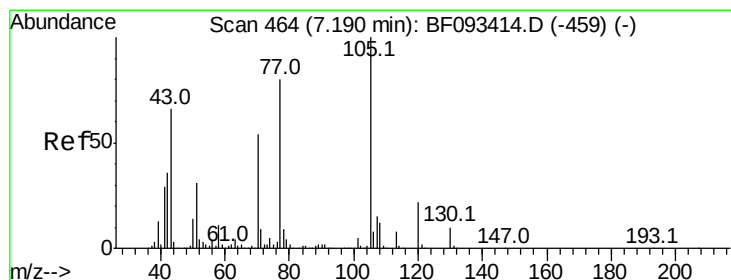
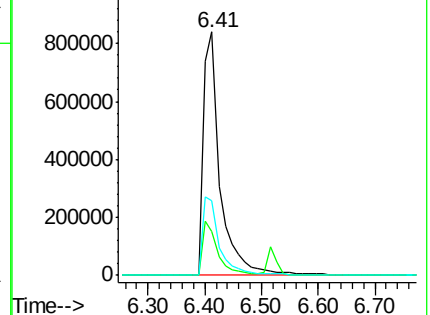
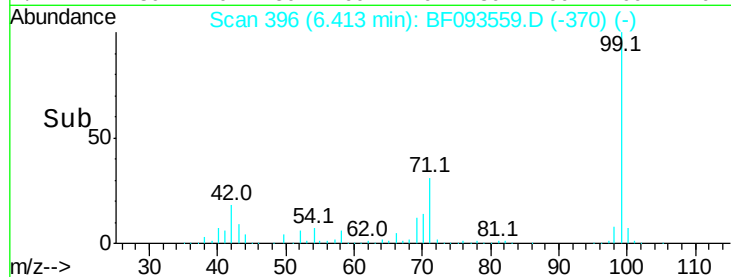
71 30.6 27.5 41.3



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: 17.75 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093559.D

Acq: 11 Mar 2017 8:34

Tgt Ion: 70 Resp: 160911

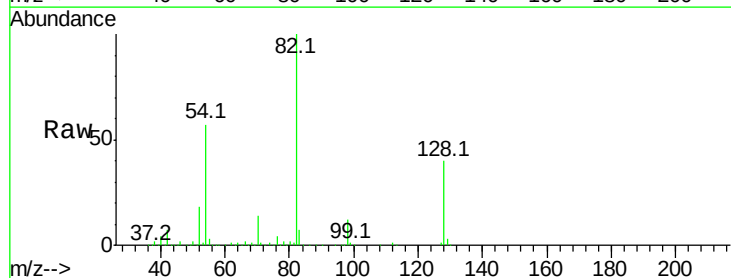
Ion Ratio Lower Upper

70 100

42 52.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

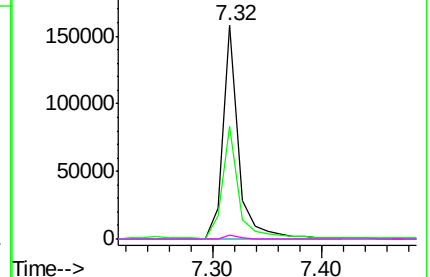
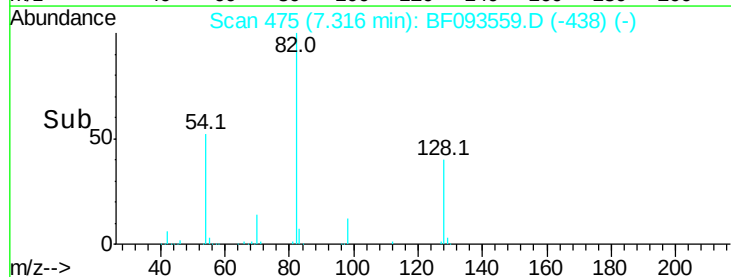


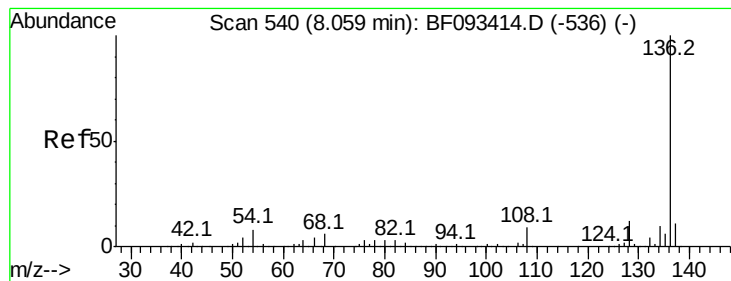
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093559.D

Acq: 11 Mar 2017 8:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 725407

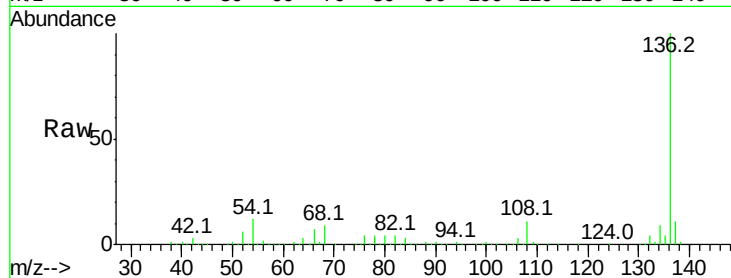
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 12.4 4.5 6.7#

68 8.8 3.6 5.4#

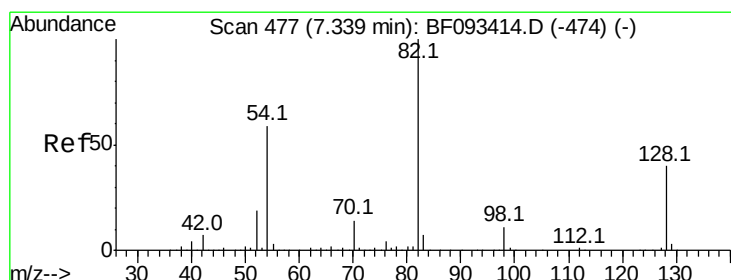
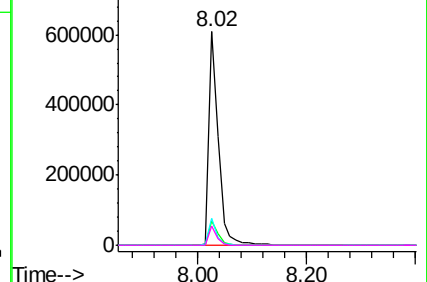
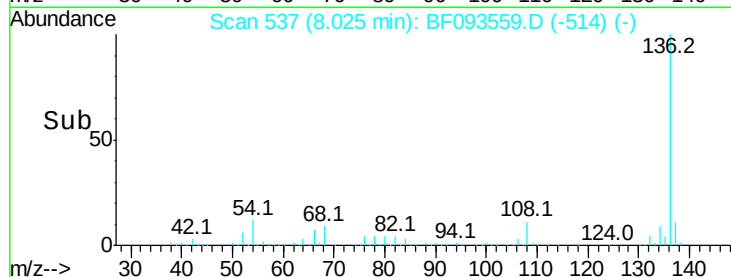


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.22 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF093559.D

Acq: 11 Mar 2017 8:34

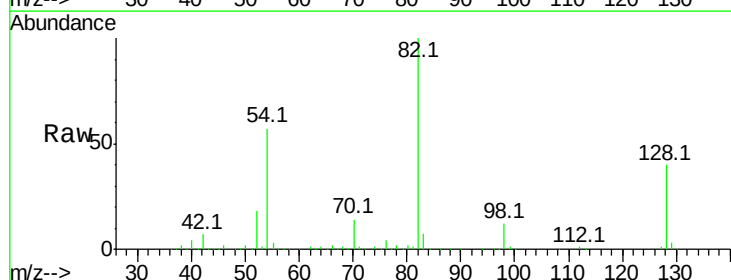
Tgt Ion: 82 Resp: 1205668

Ion Ratio Lower Upper

82 100

128 40.2 34.6 52.0

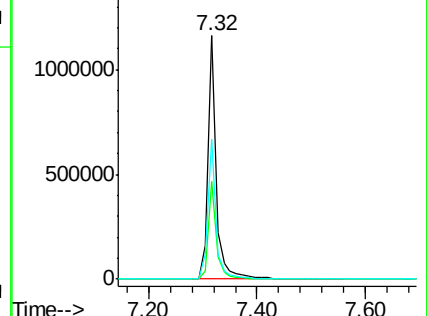
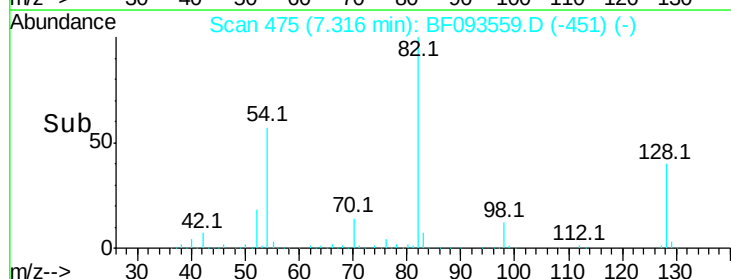
54 57.4 39.5 59.3

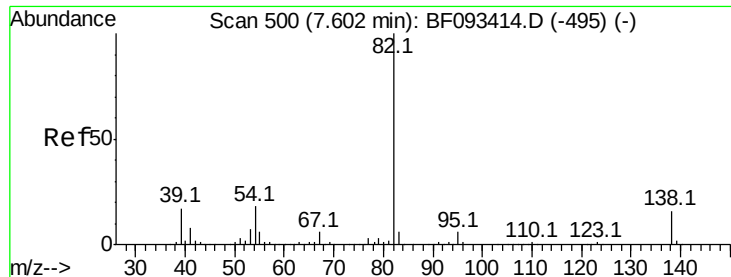


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 45.84 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093559.D

Acq: 11 Mar 2017 8:34

Instrument :

BNA_F

ClientSampleId :

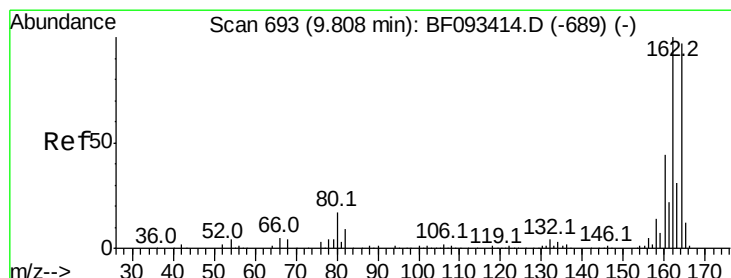
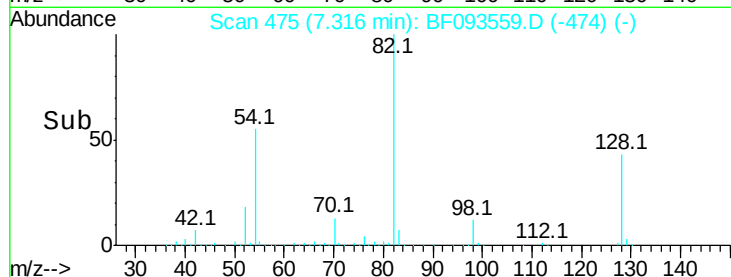
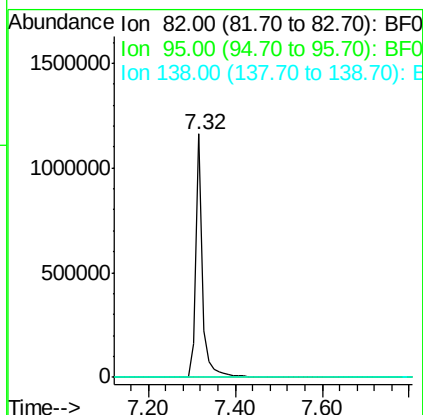
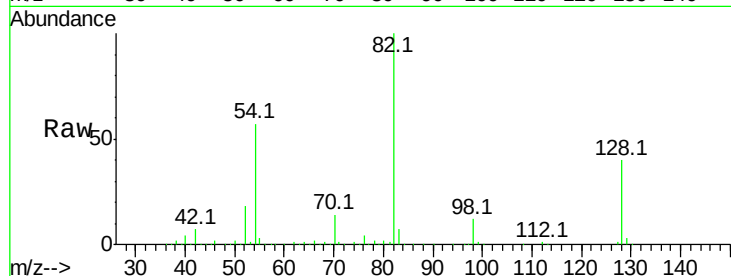
Tot Ion: 82 Resp: 1208434

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093559.D

Acq: 11 Mar 2017 8:34

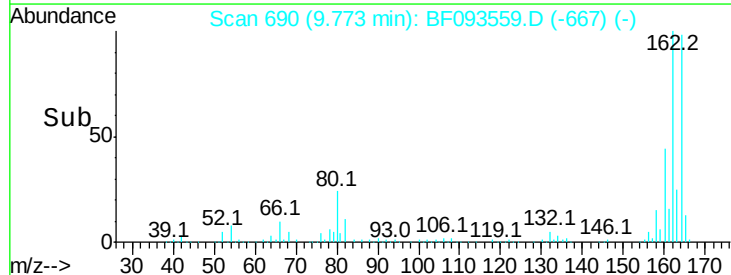
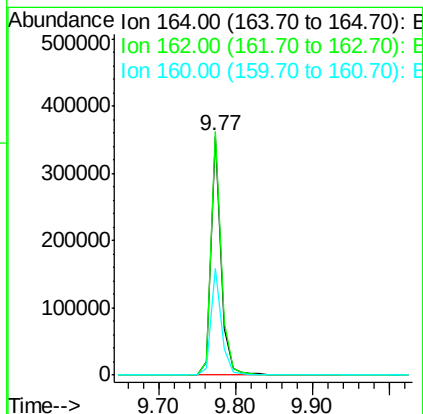
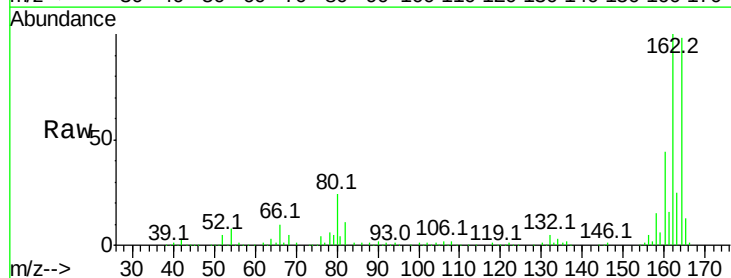
Tgt Ion:164 Resp: 318485

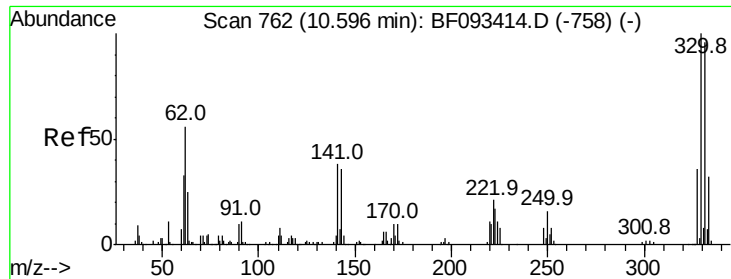
Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

160 44.8 36.9 55.3

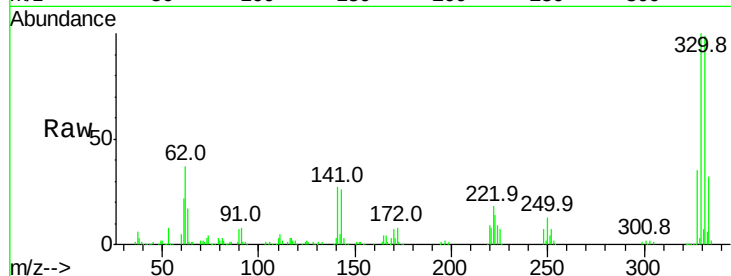




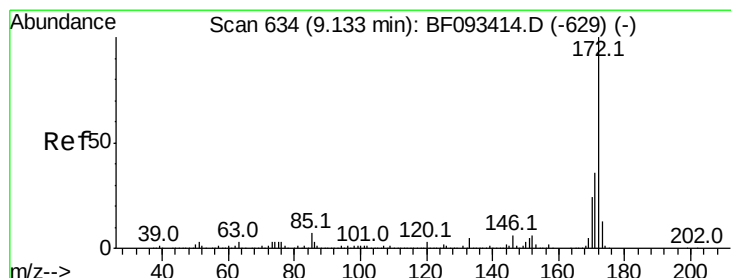
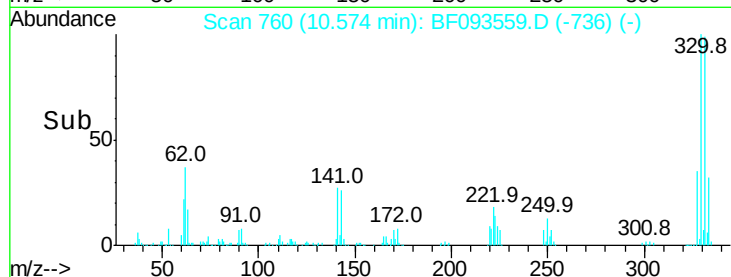
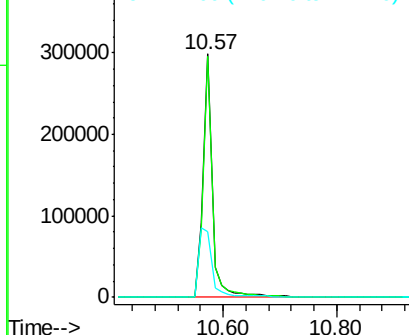
#41
2,4,6-Tribromophenol
Concen: 160.07 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF093559.D
Acq: 11 Mar 2017 8:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 332137
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.2
141 42.5 34.1 51.1

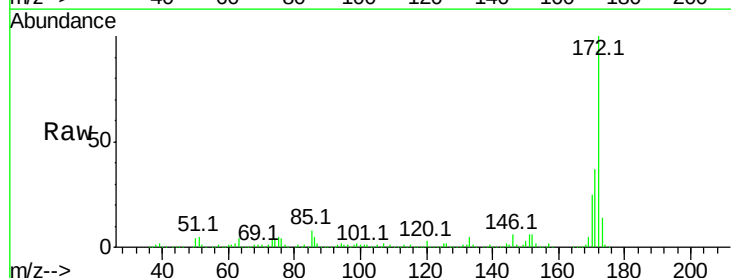


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

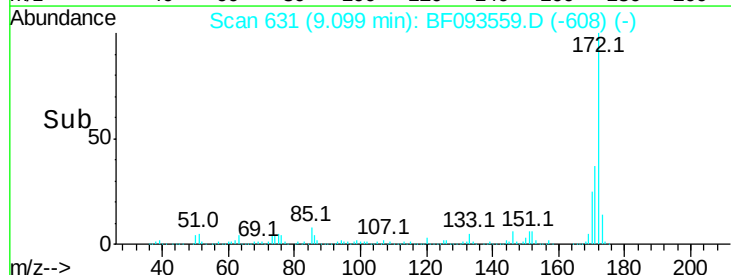
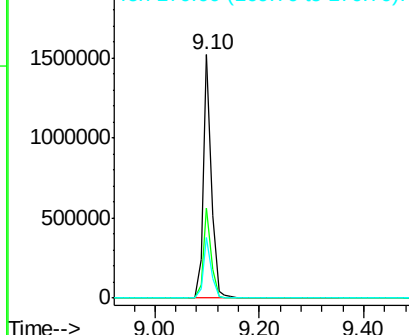


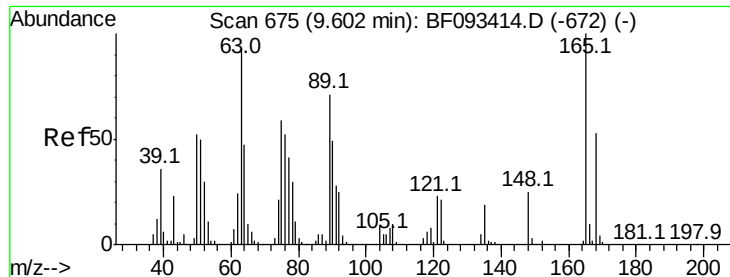
#44
2-Fluorobiphenyl
Concen: 95.17 ng
RT: 9.10 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF093559.D
Acq: 11 Mar 2017 8:34

Tgt Ion:172 Resp: 1629470
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 25.0 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

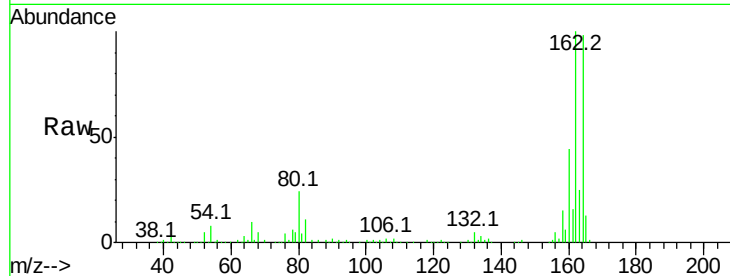




#50
 2,6-Dinitrotoluene
 Concen: 8.70 ng
 RT: 9.77 min Scan# 690
 Delta R.T. 0.17 min
 Lab File: BF093559.D
 Acq: 11 Mar 2017 8:34

Instrument :
 BNA_F
 ClientSampleId :

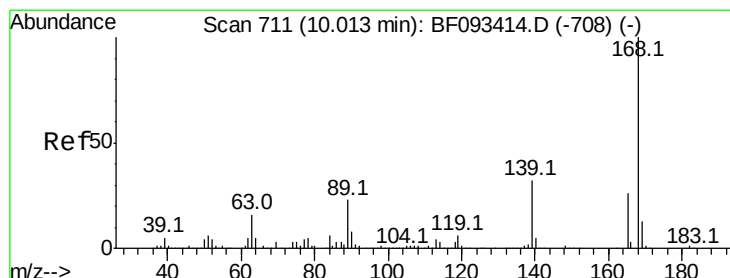
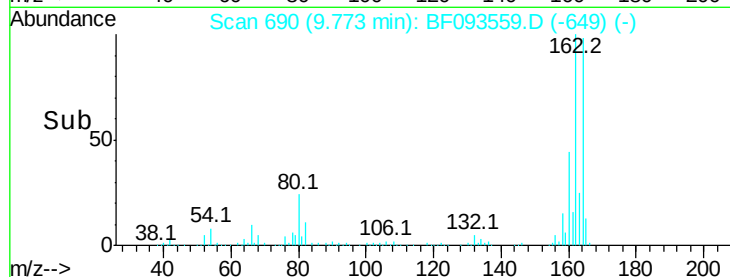
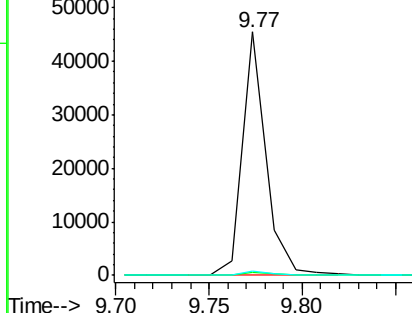
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.6	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

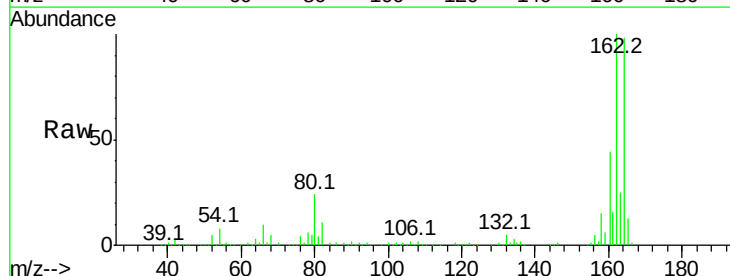
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.09 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.24 min
 Lab File: BF093559.D
 Acq: 11 Mar 2017 8:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#

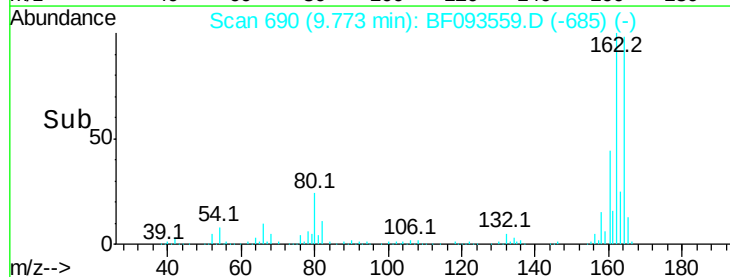
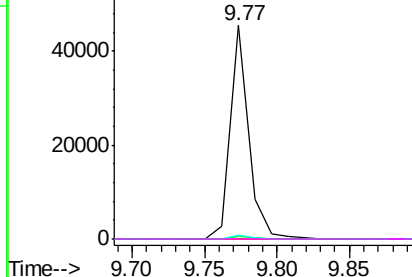


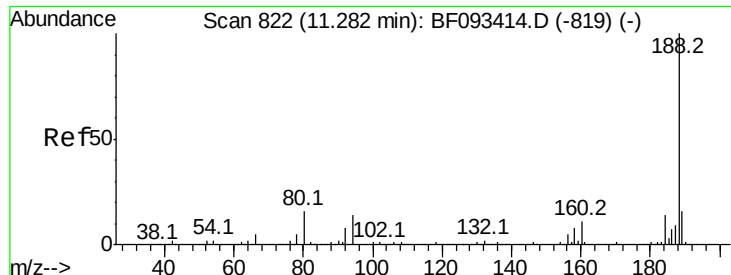
Abundance Ion 165.00 (164.70 to 165.70): E

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

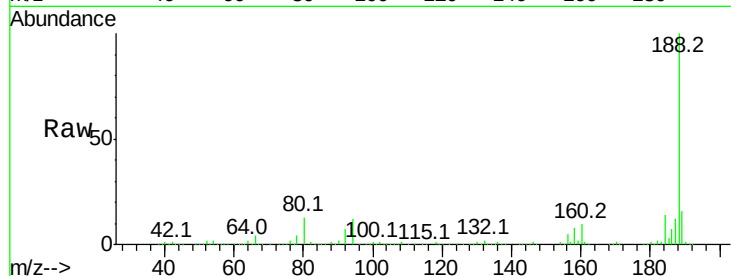




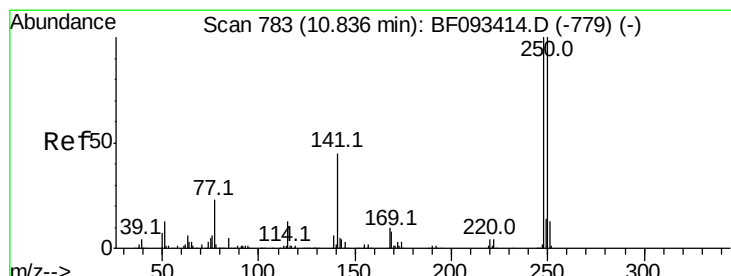
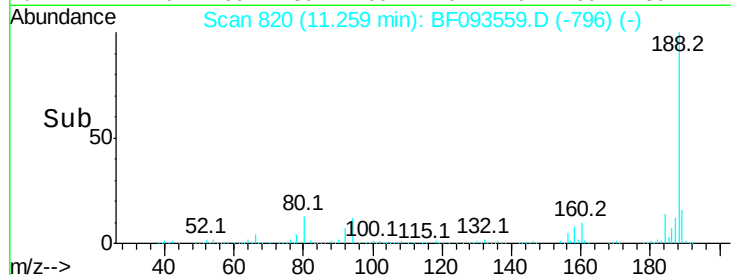
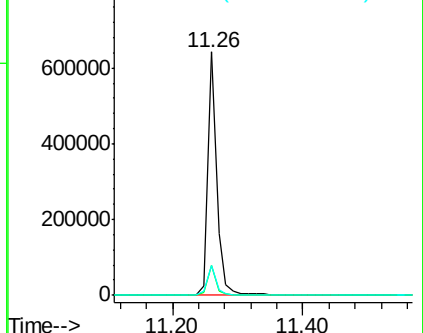
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093559.D
Acq: 11 Mar 2017 8:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 615372
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 12.5 11.2 16.8

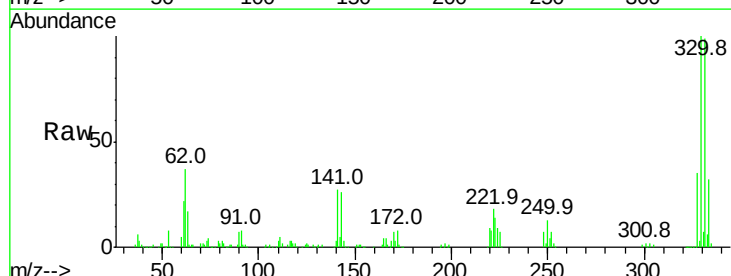


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

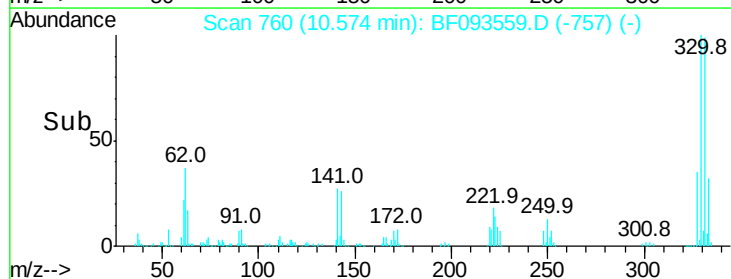
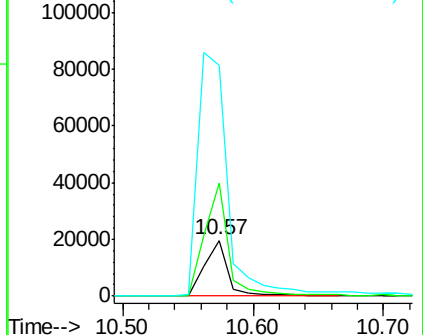


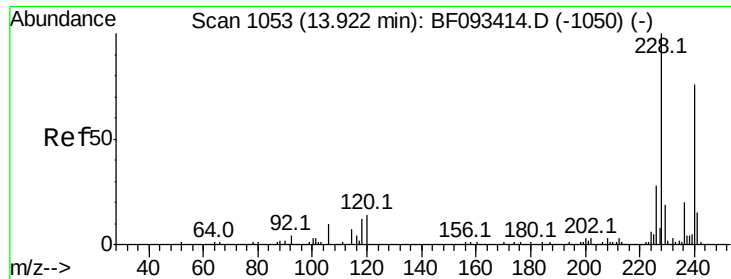
#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093559.D
Acq: 11 Mar 2017 8:34

Tgt Ion:248 Resp: 24791
Ion Ratio Lower Upper
248 100
250 202.1 76.9 115.3#
141 411.6 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

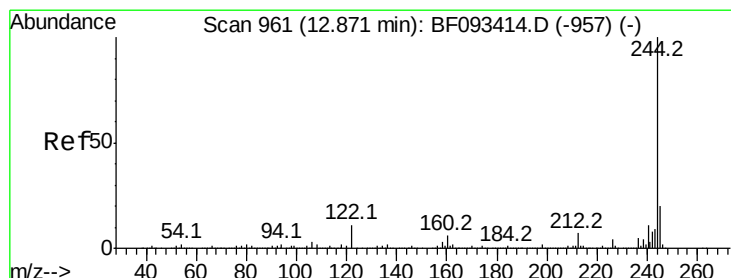
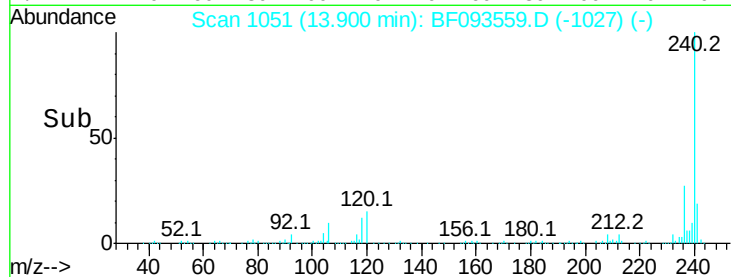
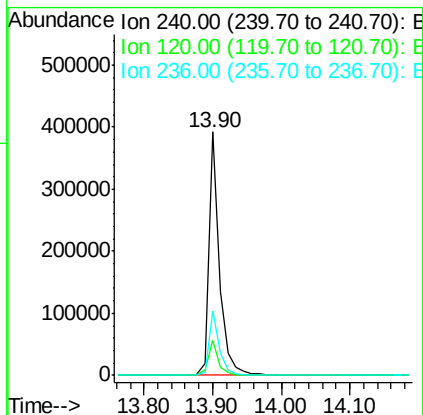
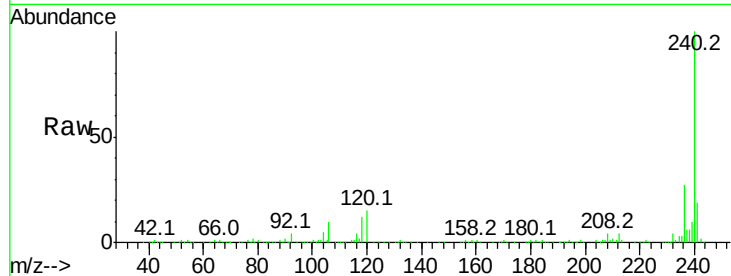




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BF093559.D
 Acq: 11 Mar 2017 8:34

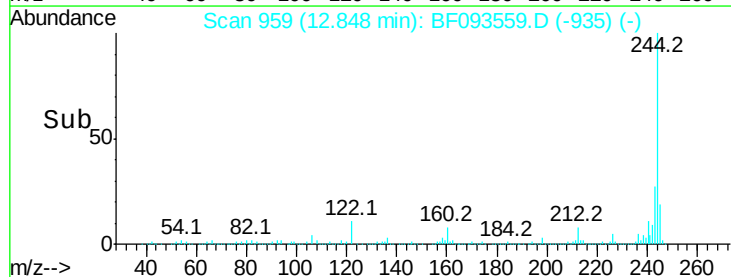
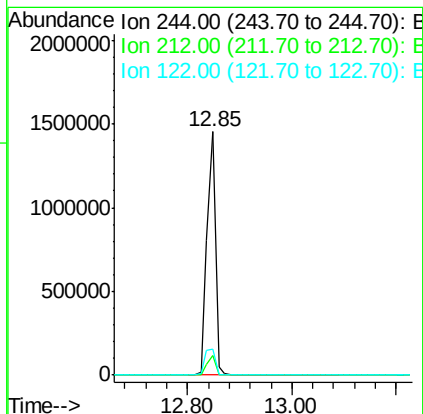
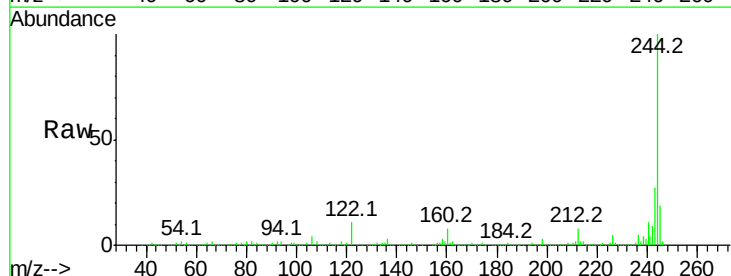
Instrument :
 BNA_F
 ClientSampled :

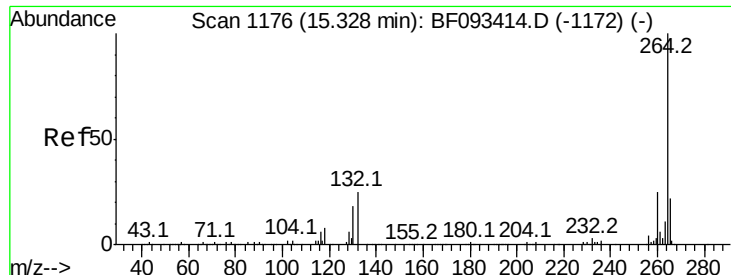
Tot Ion:240 Resp: 420335
 Ion Ratio Lower Upper
 240 100
 120 14.6 12.9 19.3
 236 26.5 20.9 31.3



#78
 Terphenyl-d14
 Concen: 99.97 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093559.D
 Acq: 11 Mar 2017 8:34

Tgt Ion:244 Resp: 1616284
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 10.9 11.4 17.2#

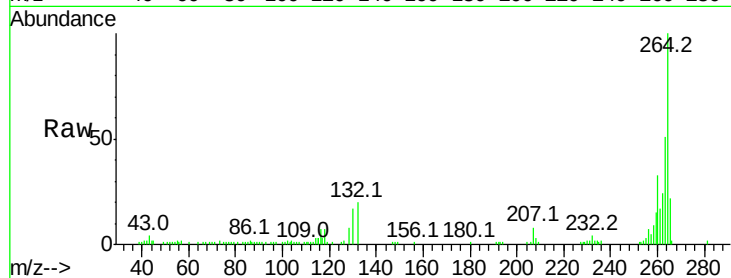




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093559.D
 Acq: 11 Mar 2017 8:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 97819
 Ion Ratio Lower Upper
 264 100
 260 33.1 19.2 28.8#
 265 21.8 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

