

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093560.D
 Acq On : 11 Mar 2017 9:01
 Operator : SJ/MA
 Sample : I2211-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 14:19:34 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

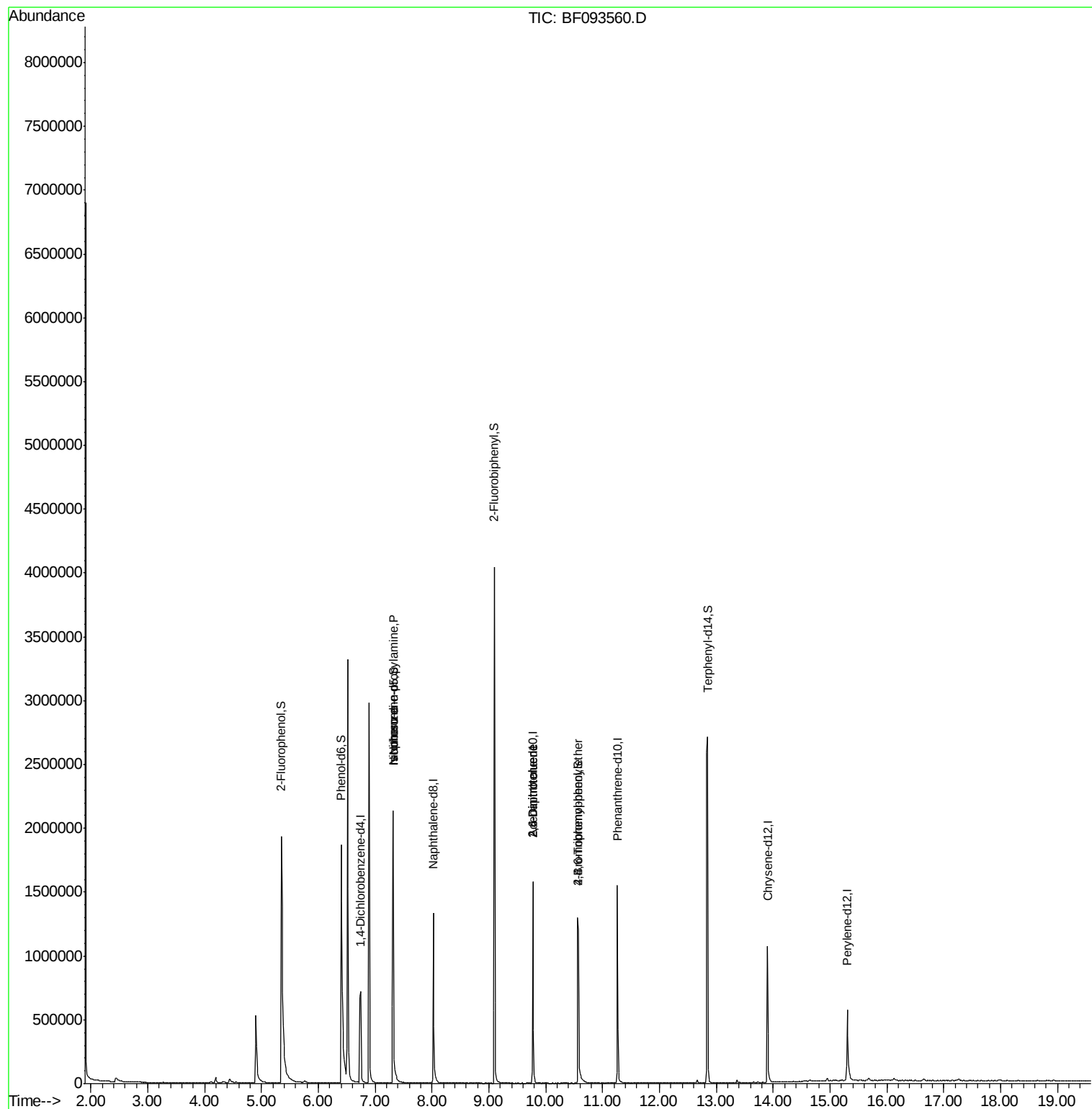
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	164929	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	674835	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	316832	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	596756	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	428355	20.00	ng	-0.02
86) Perylene-d12	15.31	264	294649	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1042577	105.21	ng	0.00
7) Phenol-d6	6.40	99	1288208	103.09	ng	-0.01
23) Nitrobenzene-d5	7.32	82	867996	71.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	222253	107.67	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1228133	72.10	ng	-0.03
78) Terphenyl-d14	12.85	244	1229911	74.65	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.40	77	2036	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	113661	13.23	ng	# 82
25) Isophorone	7.32	82	870107	35.48	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	40895	8.87	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	41258	7.29	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	16636	2.64	ng	# 1

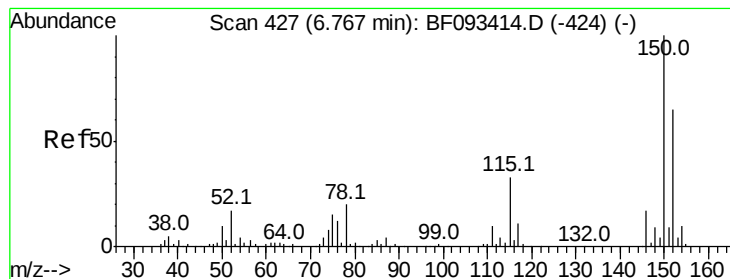
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093560.D

Acq: 11 Mar 2017 9:01

Instrument :

BNA_F

ClientSampled :

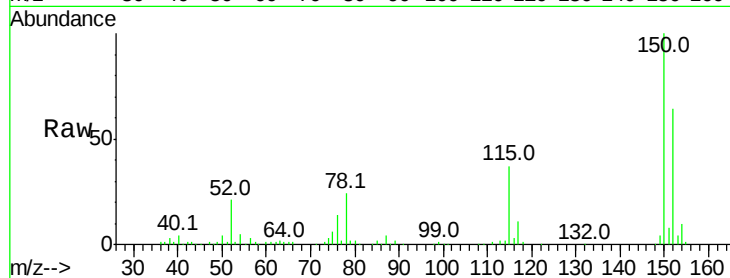
Tot Ion:152 Resp: 164929

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

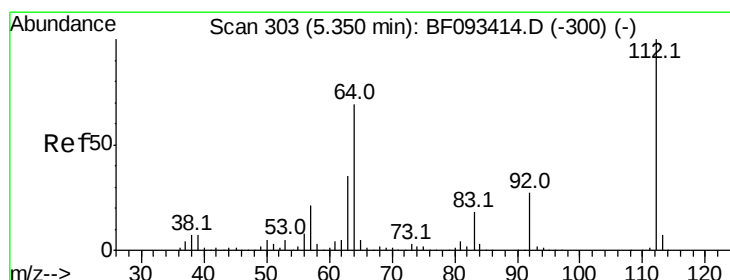
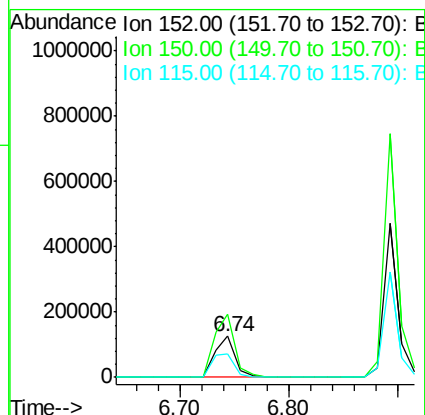
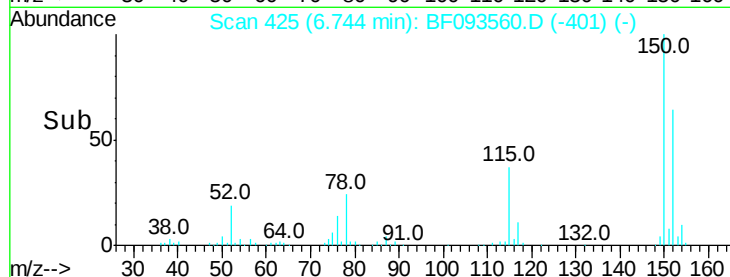
115 56.8 46.0 69.0



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: 105.21 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

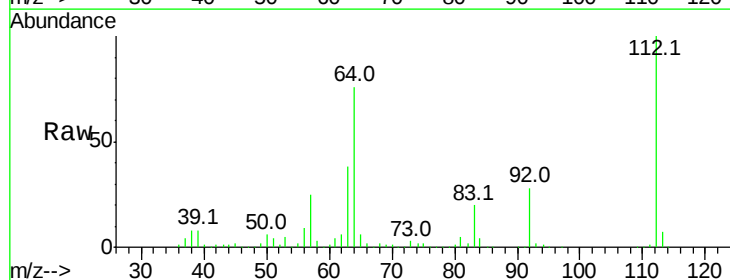
Tgt Ion:112 Resp: 1042577

Ion Ratio Lower Upper

112 100

64 75.9 46.1 69.1#

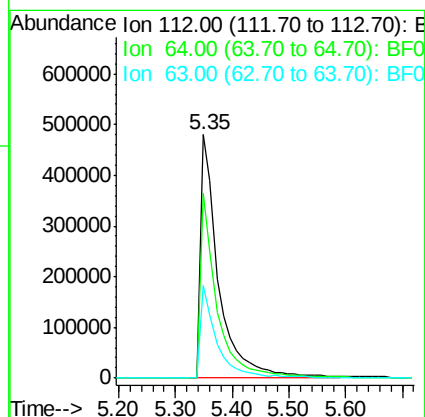
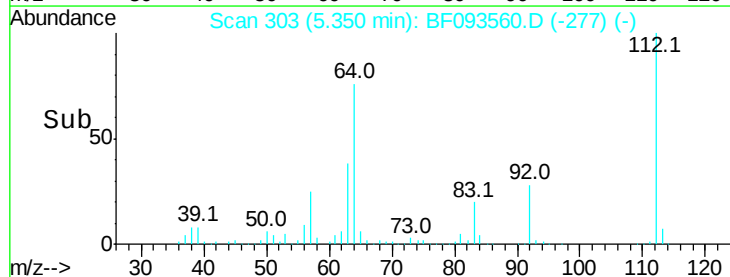
63 37.8 23.8 35.6#

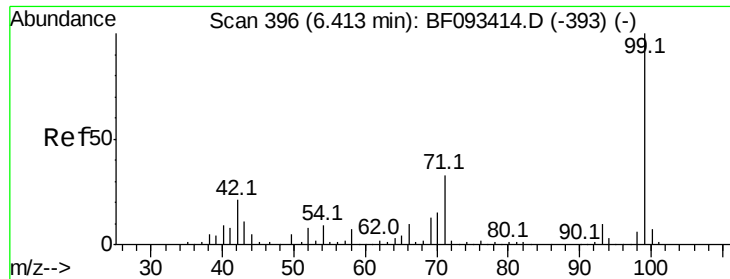


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.09 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

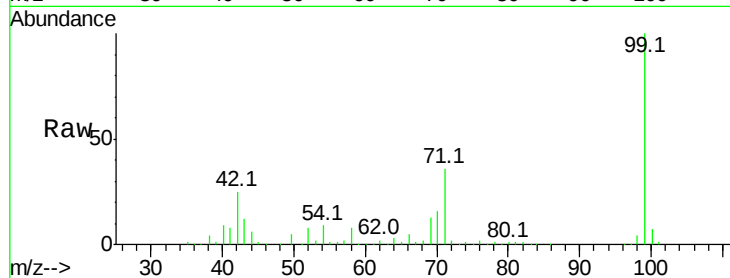
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1288208

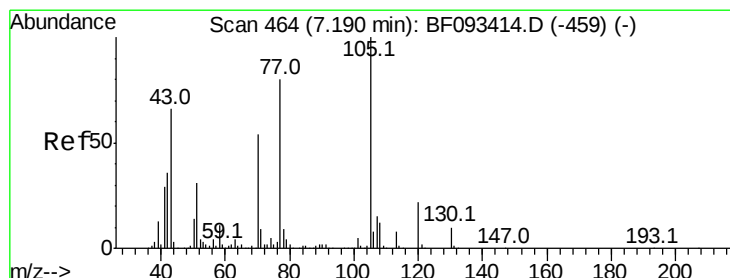
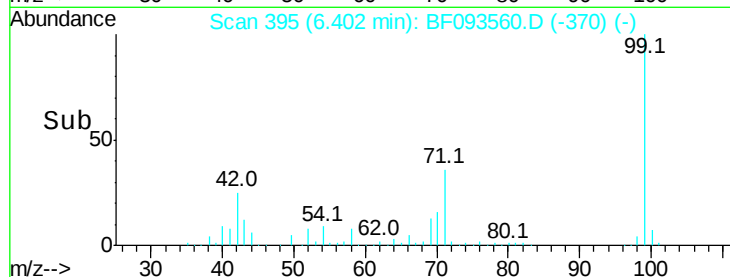
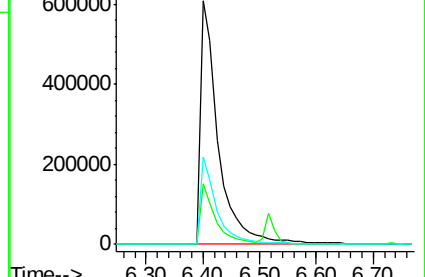
Ion	Ratio	Lower	Upper
99	100		
42	24.7	15.6	23.4#
71	36.1	27.5	41.3



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: 13.23 ng

RT: 7.32 min Scan# 475

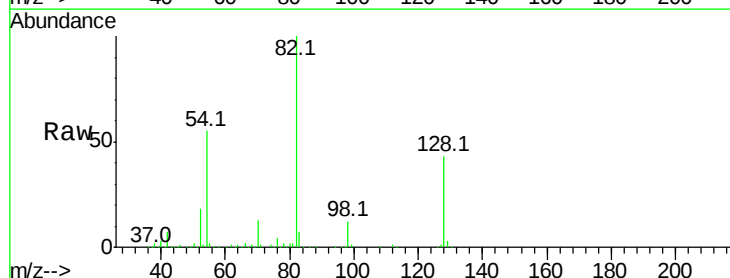
Delta R.T. 0.13 min

Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

Tgt Ion: 70 Resp: 113661

Ion	Ratio	Lower	Upper
70	100		
42	52.1	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

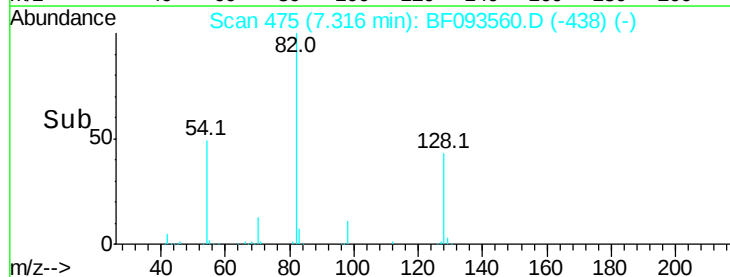
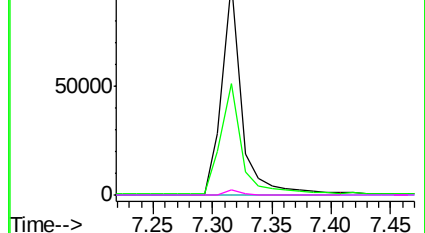


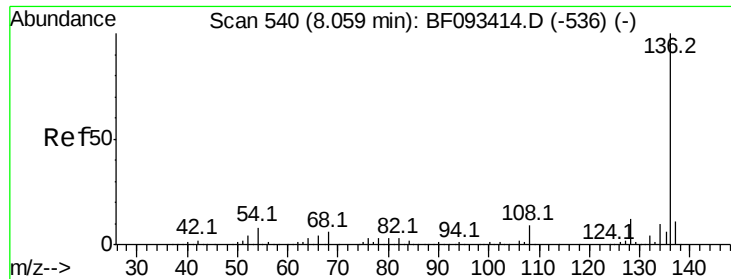
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

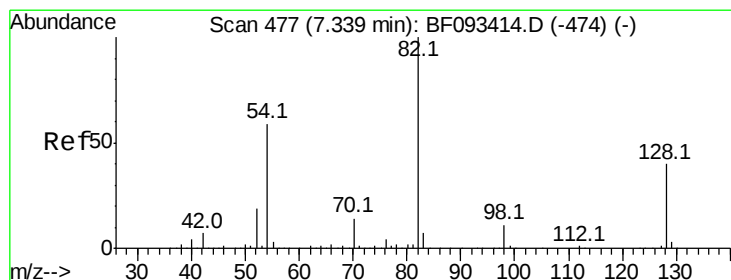
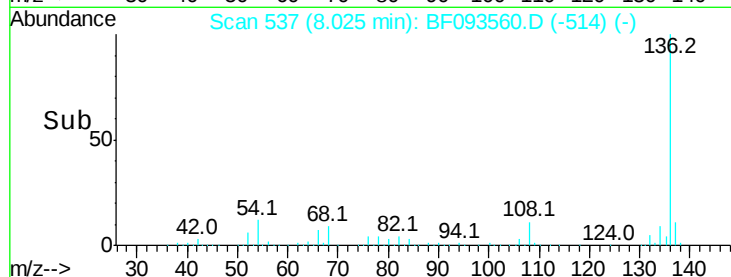
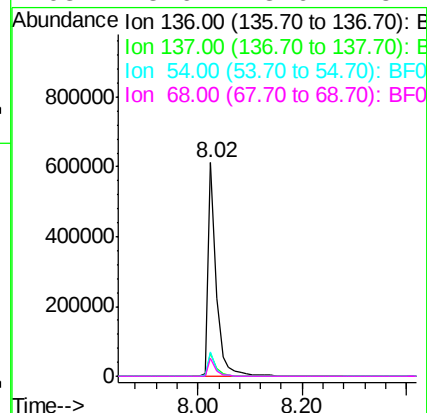
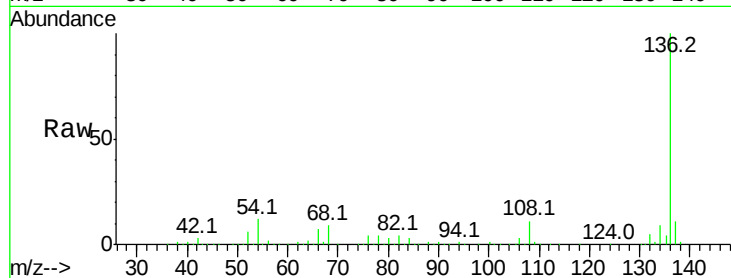




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093560.D
Acq: 11 Mar 2017 9:01

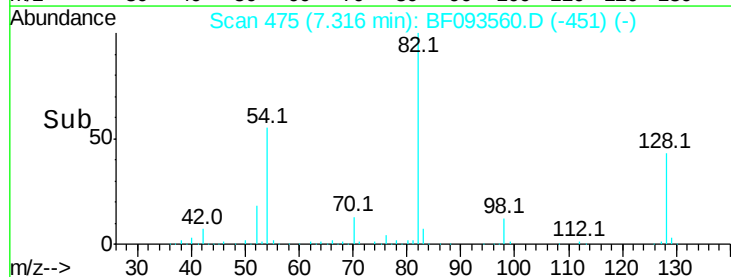
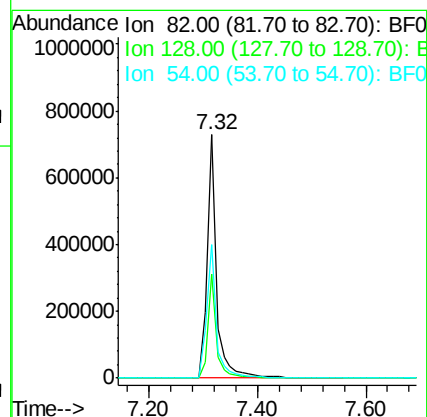
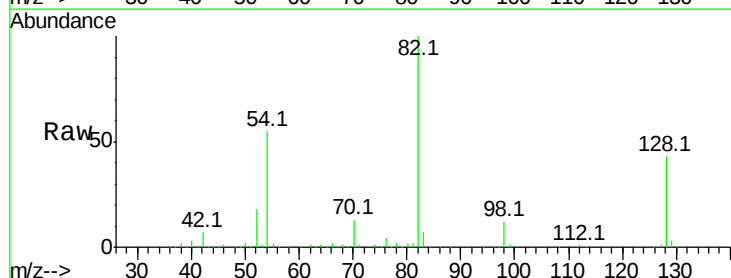
Instrument :
BNA_F
ClientSampled :

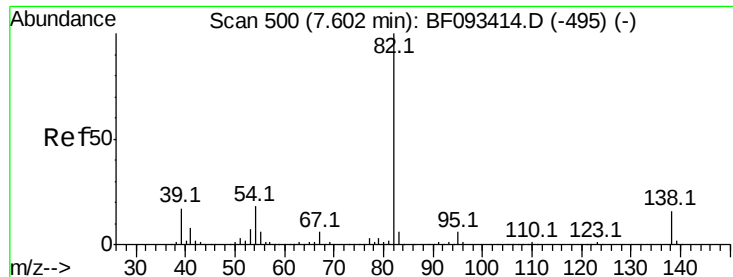
Tot Ion:	136	Resp:	674835
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.6	4.5	6.7#
68	8.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 71.37 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093560.D
Acq: 11 Mar 2017 9:01

Tgt Ion:	82	Resp:	867996
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	55.1	39.5	59.3





#25

Isophorone

Concen: 35.48 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

Instrument :

BNA_F

ClientSampled :

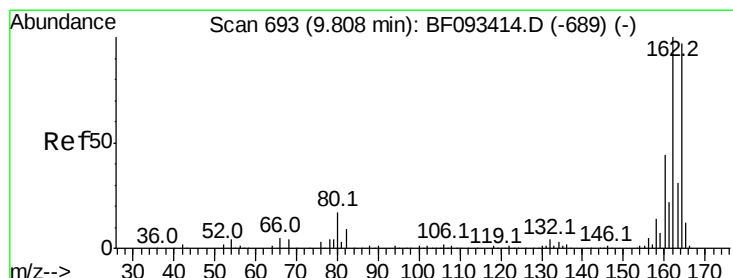
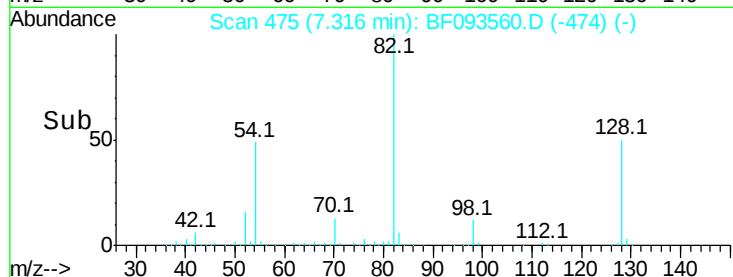
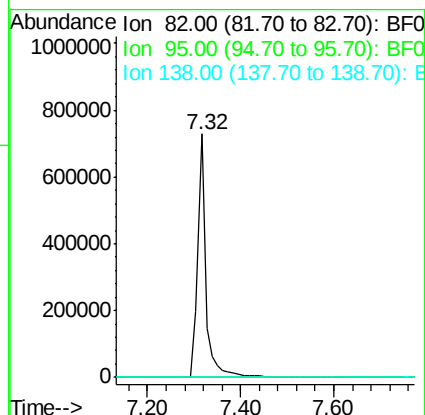
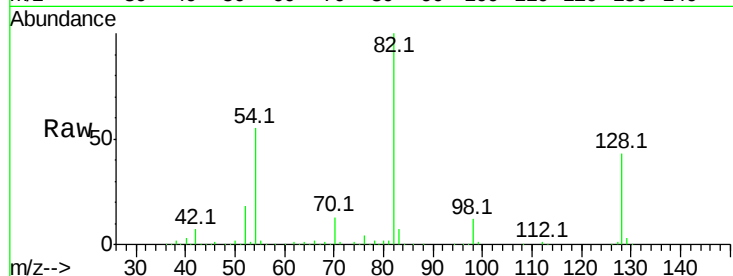
Tot Ion: 82 Resp: 870107

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: BF093560.D

Acq: 11 Mar 2017 9:01

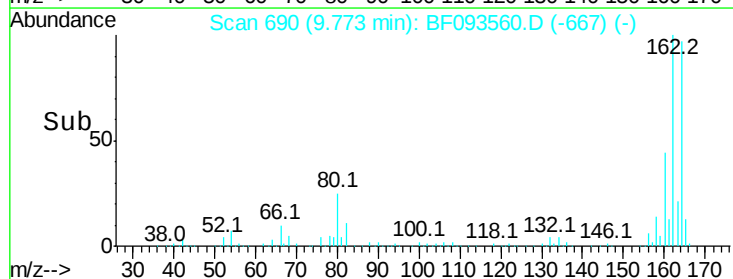
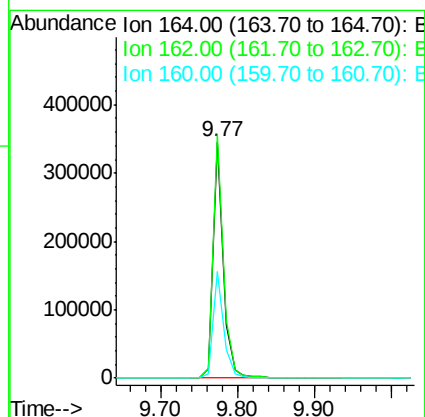
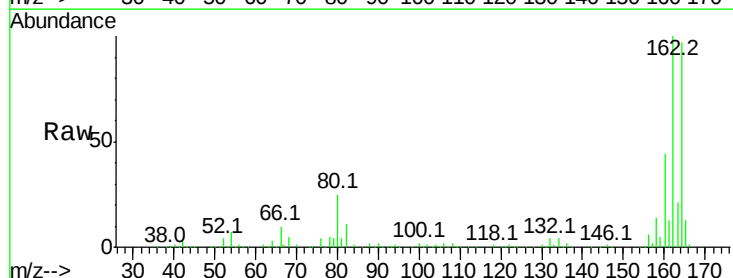
Tgt Ion: 164 Resp: 316832

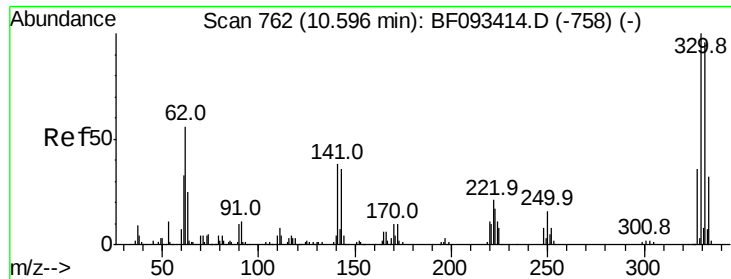
Ion Ratio Lower Upper

164 100

162 103.1 80.2 120.2

160 45.1 36.9 55.3

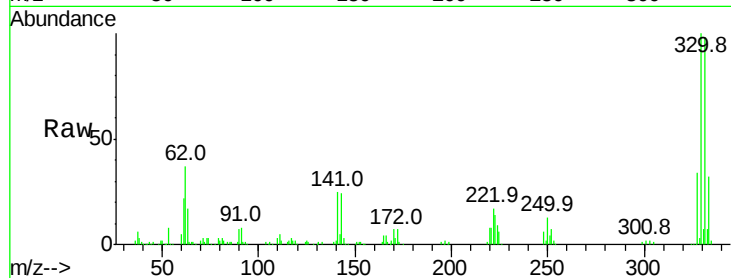




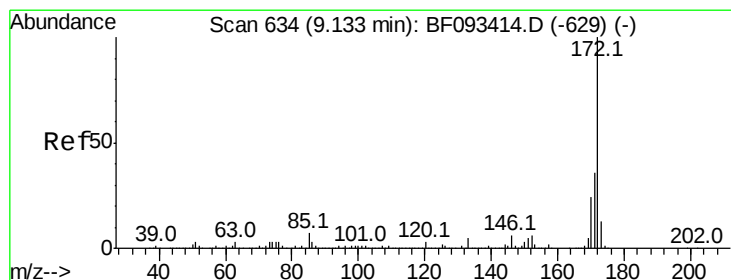
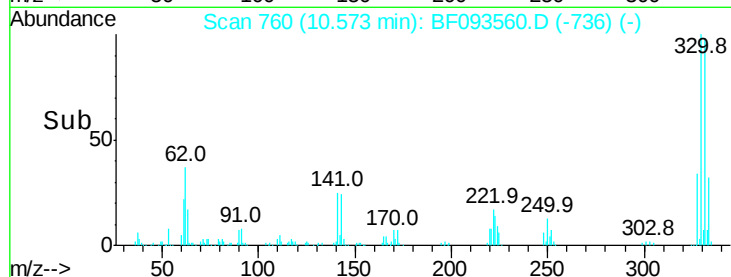
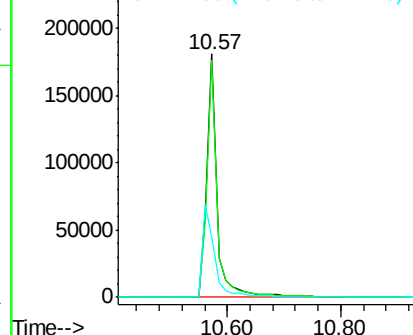
#41
 2,4,6-Tribromophenol
 Concen: 107.67 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093560.D
 Acq: 11 Mar 2017 9:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 222253
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 45.3 34.1 51.1

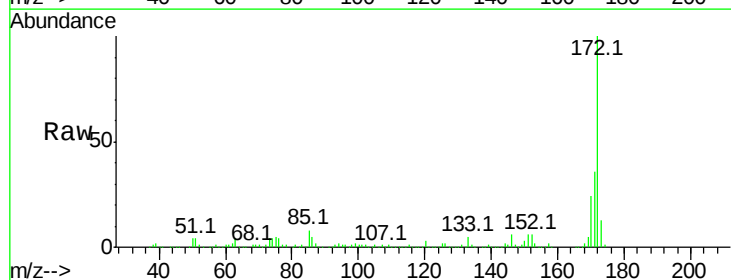


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

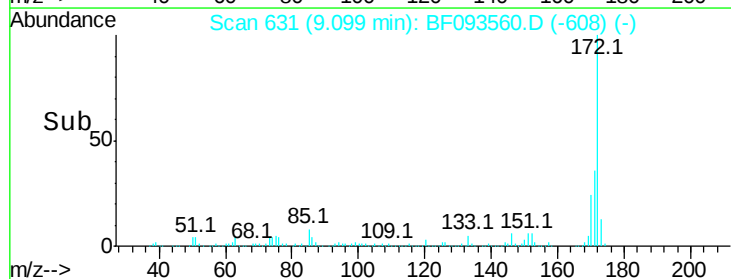
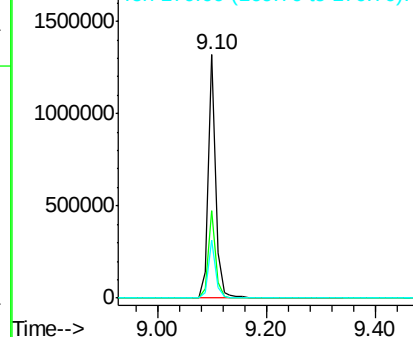


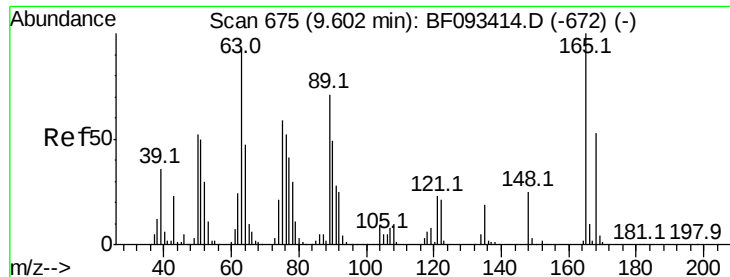
#44
 2-Fluorobiphenyl
 Concen: 72.10 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093560.D
 Acq: 11 Mar 2017 9:01

Tgt Ion:172 Resp: 1228133
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.1 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

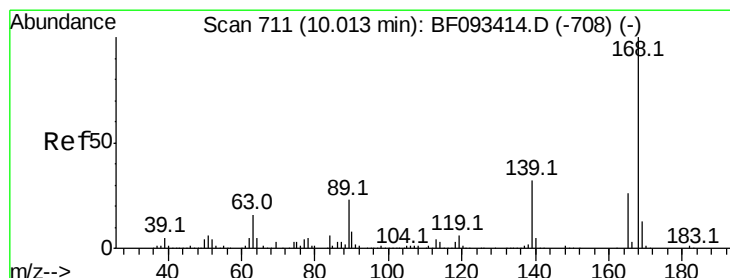
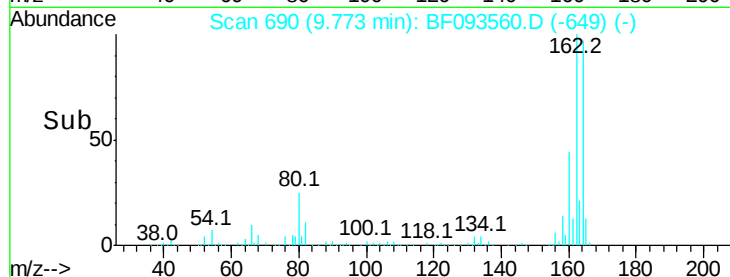
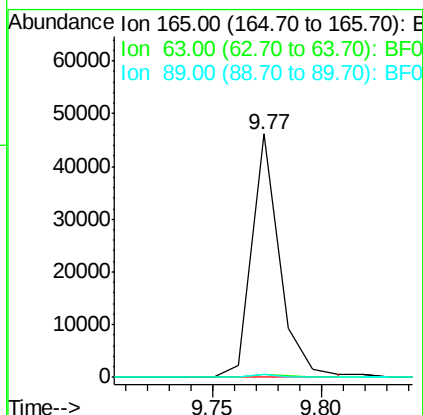
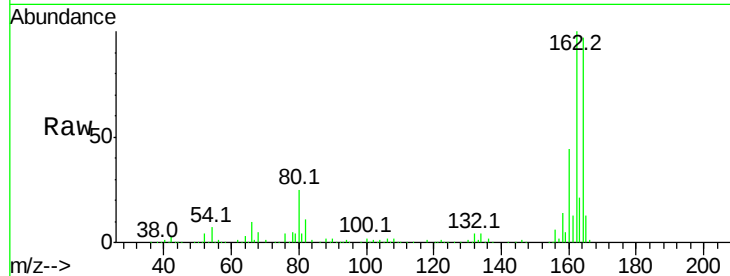




#50
2,6-Dinitrotoluene
Concen: 8.87 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093560.D
Acq: 11 Mar 2017 9:01

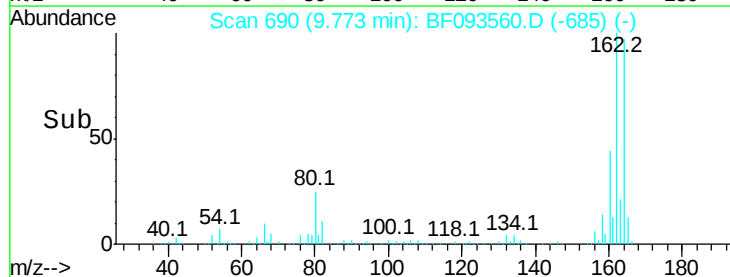
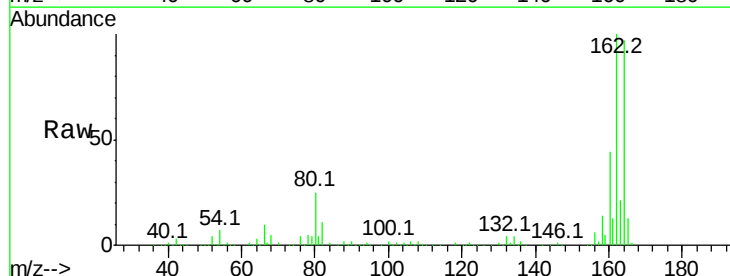
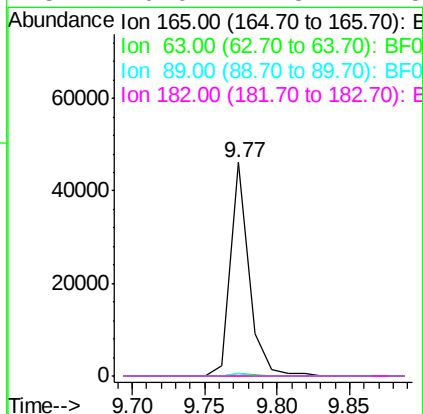
Instrument :
BNA_F
ClientSampleId :

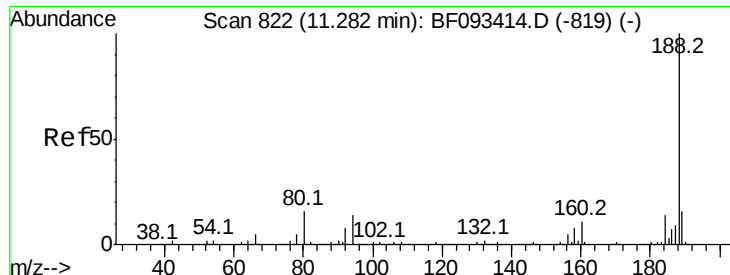
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.2	40.2	60.4#



#56
2,4-Dinitrotoluene
Concen: 7.29 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093560.D
Acq: 11 Mar 2017 9:01

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

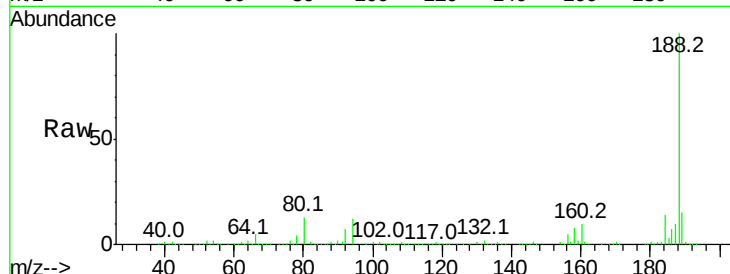




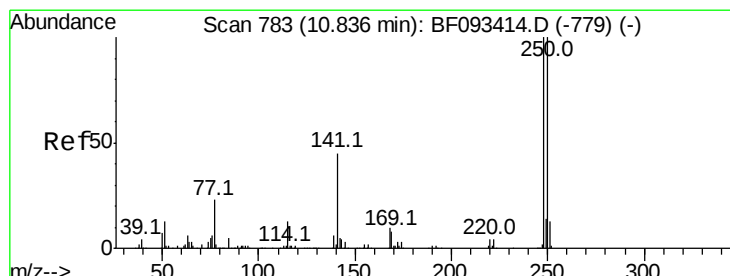
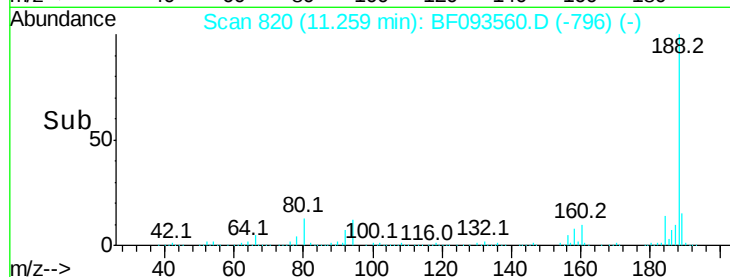
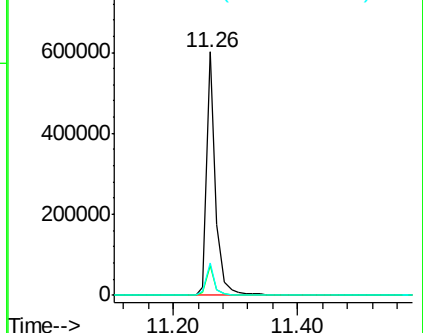
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093560.D
 Acq: 11 Mar 2017 9:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 596756
 Ion Ratio Lower Upper
 188 100
 94 12.2 10.0 15.0
 80 13.4 11.2 16.8

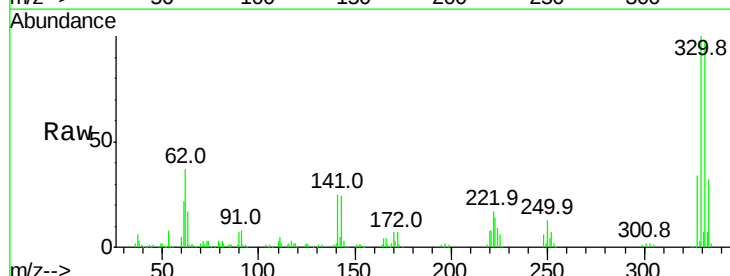


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

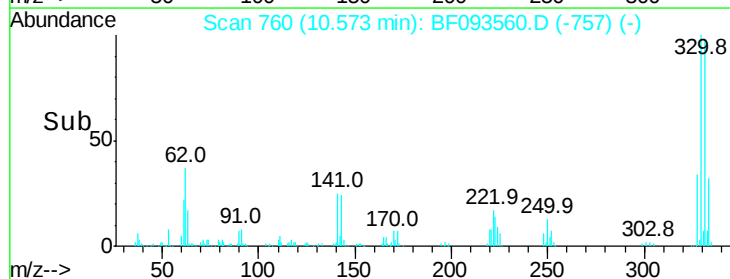
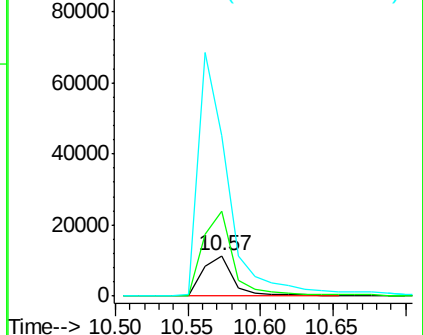


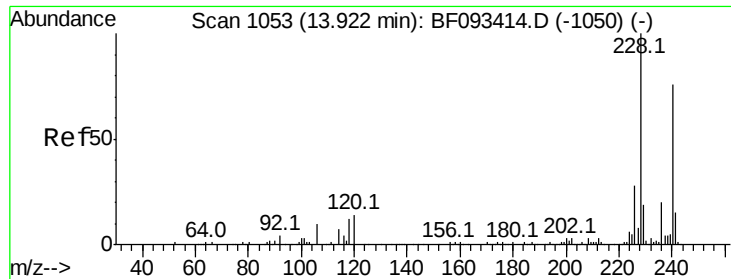
#66
 4-Bromophenyl-phenylether
 Concen: 2.64 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093560.D
 Acq: 11 Mar 2017 9:01

Tgt Ion:248 Resp: 16636
 Ion Ratio Lower Upper
 248 100
 250 210.8 76.9 115.3#
 141 396.0 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: BF093560.D

Acq: 11 Mar 2017 9:01

Instrument :

BNA_F

ClientSampled :

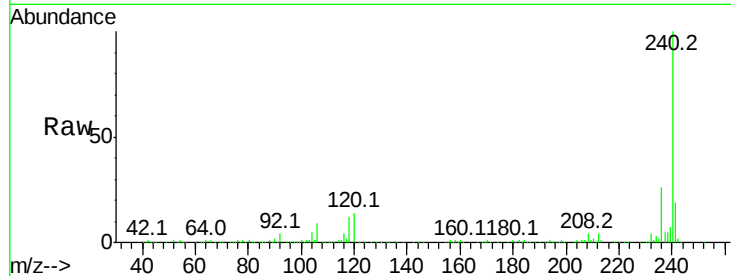
Tot Ion:240 Resp: 428355

Ion Ratio Lower Upper

240 100

120 13.7 12.9 19.3

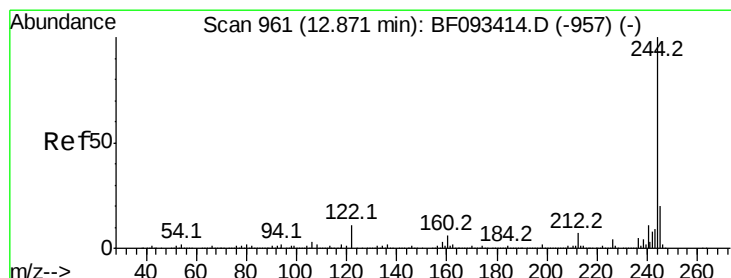
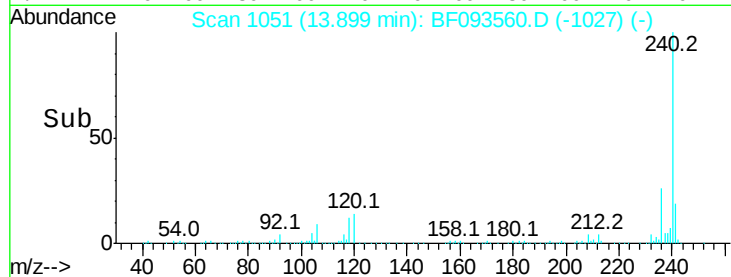
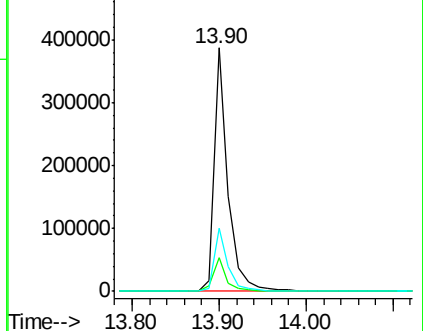
236 26.1 20.9 31.3



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: 74.65 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

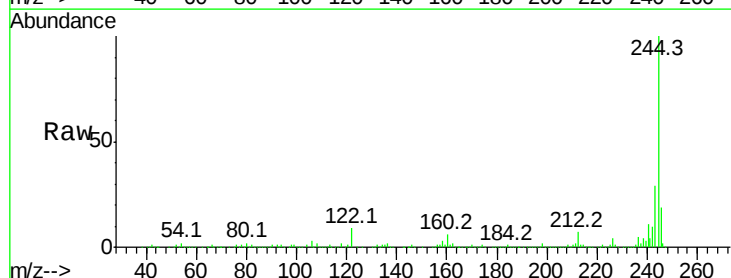
Tgt Ion:244 Resp: 1229911

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

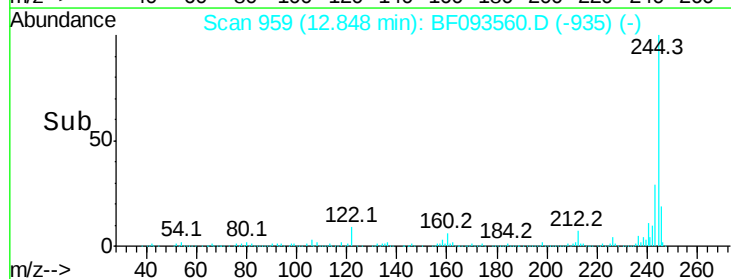
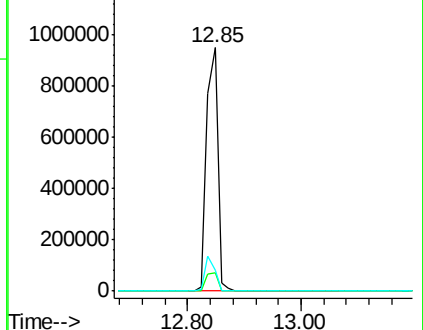
122 8.7 11.4 17.2#

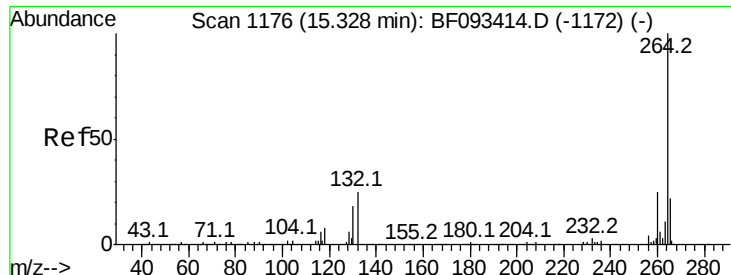


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

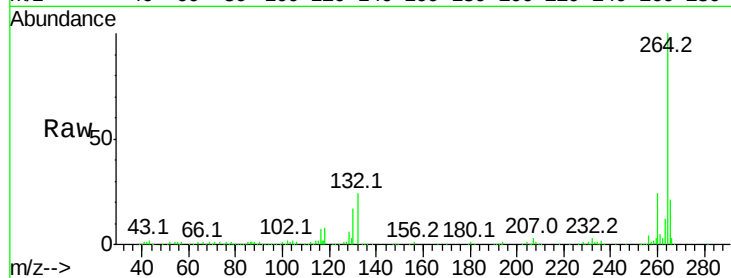




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093560.D
Acq: 11 Mar 2017 9:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	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

