

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093558.D
 Acq On : 11 Mar 2017 8:06
 Operator : SJ/MA
 Sample : I2195-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 14:16:19 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

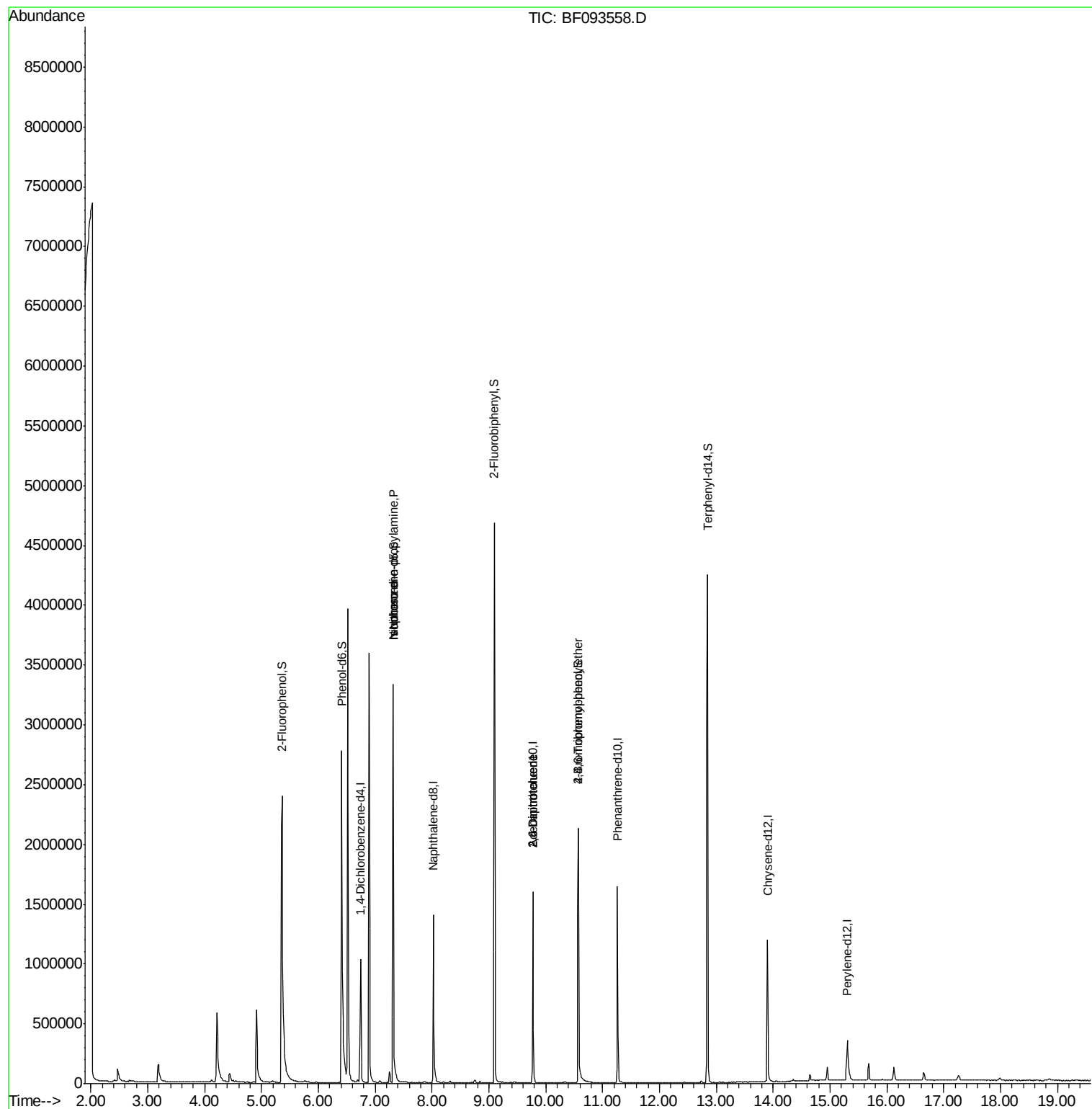
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	170257	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	707716	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	314641	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	615247	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	458400	20.00	ng	-0.02
86) Perylene-d12	15.31	264	155973	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1374782	134.39	ng	0.01
7) Phenol-d6	6.41	99	1650101	127.91	ng	0.00
23) Nitrobenzene-d5	7.32	82	1183437	92.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	317910	155.08	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1601959	94.70	ng	-0.03
78) Terphenyl-d14	12.85	244	1629523	92.42	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	2396	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	158119	17.83	ng	# 83
25) Isophorone	7.32	82	1184652	46.06	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	40991	8.96	ng	# 32
56) 2,4-Dinitrotoluene	9.77	165	40995	7.29	ng	# 21
66) 4-Bromophenyl-phenylether	10.57	248	23434	3.60	ng	# 1

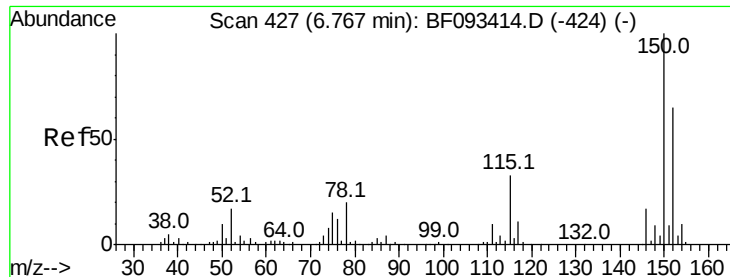
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093558.D

Acq: 11 Mar 2017 8:06

Instrument :

BNA_F

ClientSampleId :

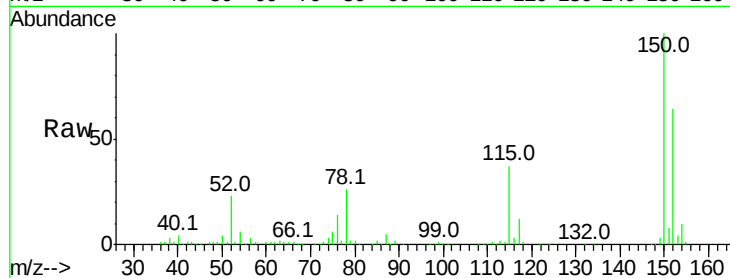
Tot Ion:152 Resp: 170257

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

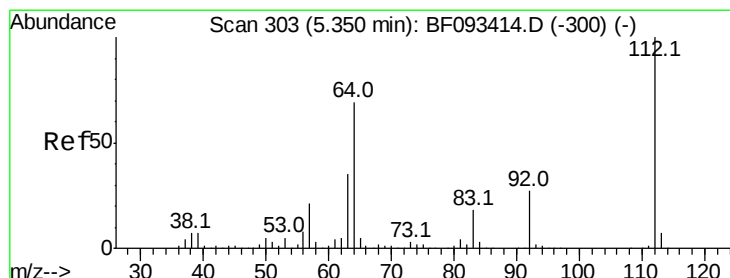
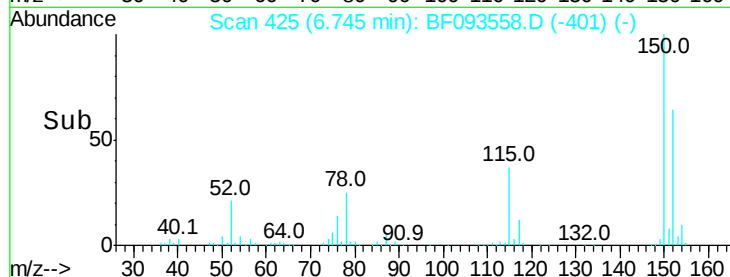
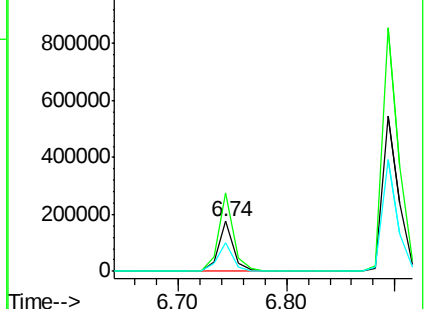
115 58.2 46.0 69.0



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: 134.39 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093558.D

Acq: 11 Mar 2017 8:06

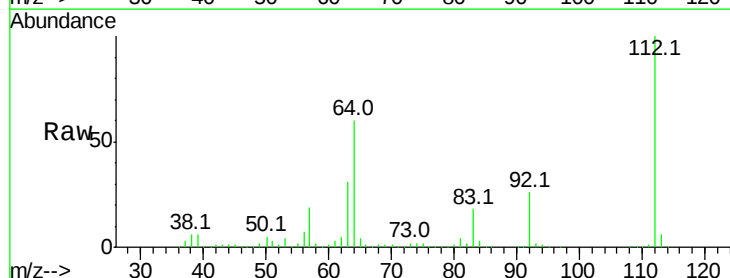
Tgt Ion:112 Resp: 1374782

Ion Ratio Lower Upper

112 100

64 60.3 46.1 69.1

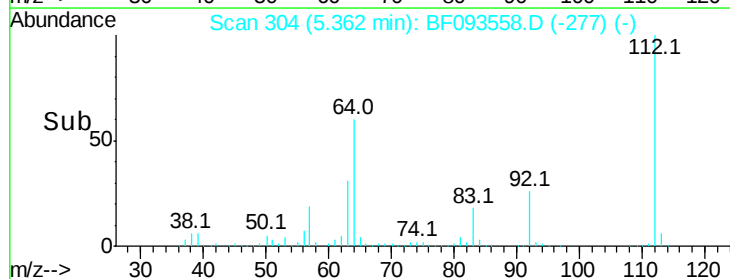
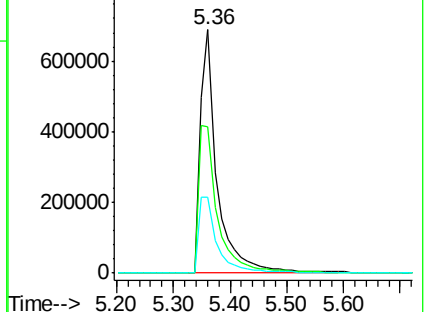
63 31.2 23.8 35.6

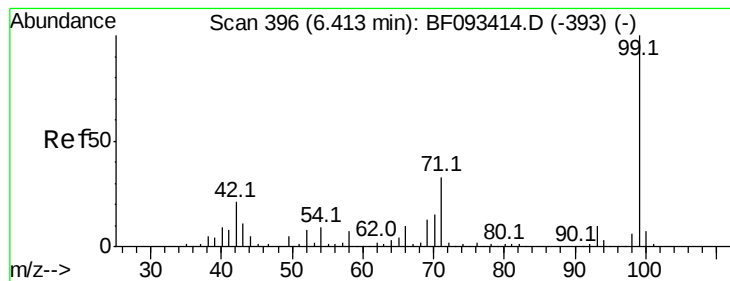


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.91 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093558.D

Acq: 11 Mar 2017 8:06

Instrument :

BNA_F

ClientSampled :

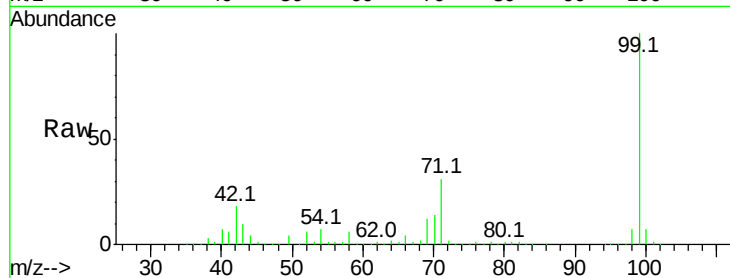
Tot Ion: 99 Resp: 1650101

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

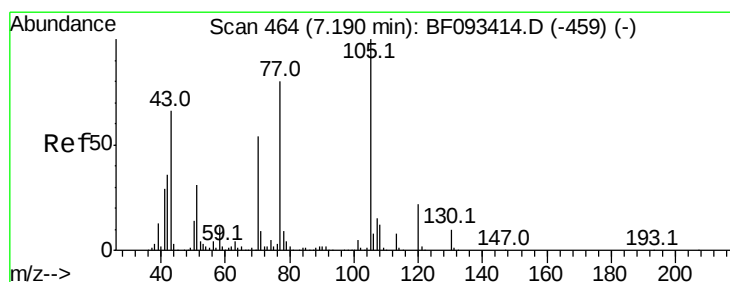
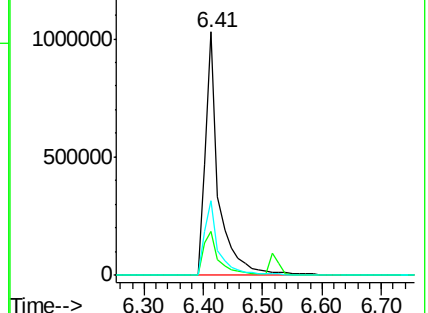
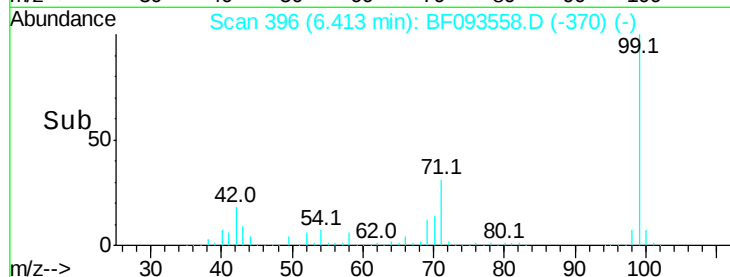
71 30.5 27.5 41.3



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: 17.83 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093558.D

Acq: 11 Mar 2017 8:06

Tgt Ion: 70 Resp: 158119

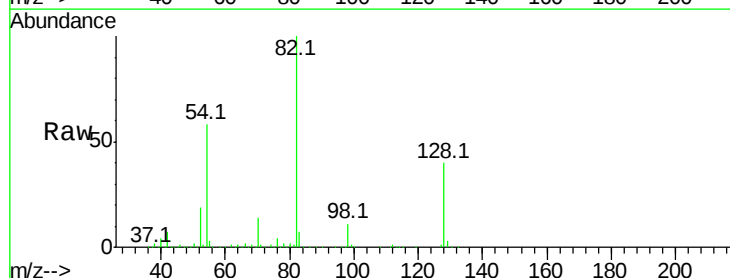
Ion Ratio Lower Upper

70 100

42 53.5 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

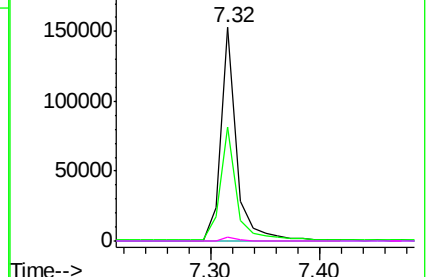
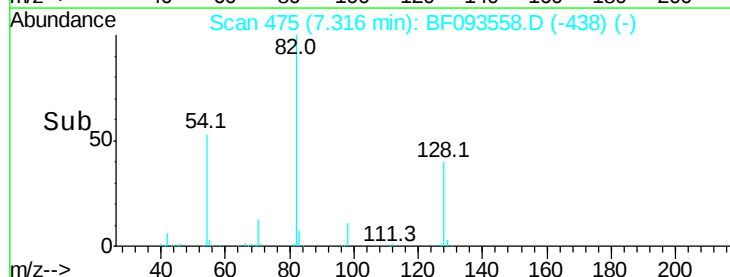


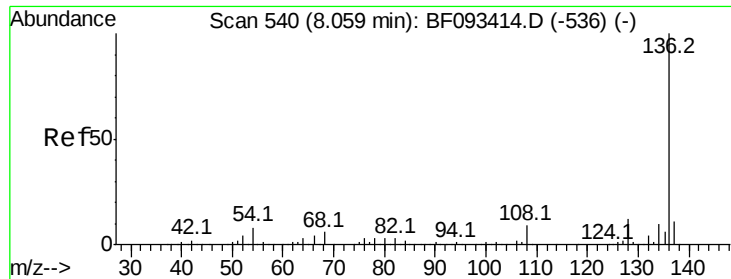
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

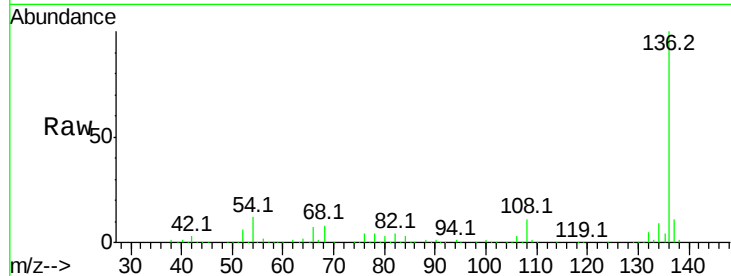




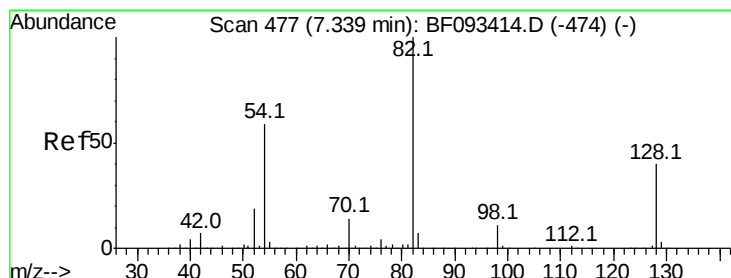
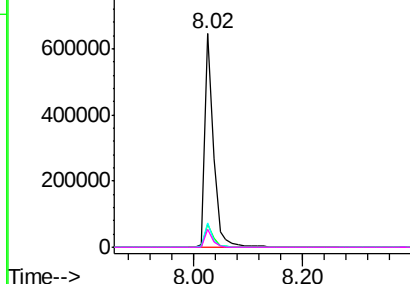
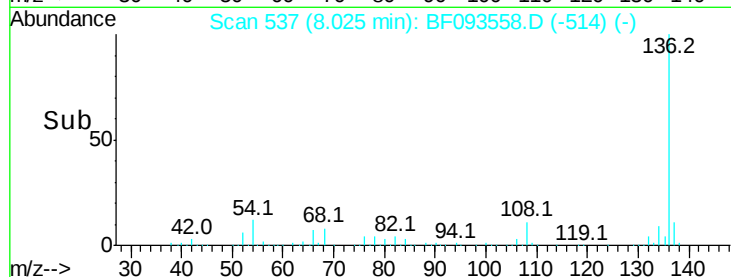
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093558.D
Acq: 11 Mar 2017 8:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	707716
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.4 12.6
54	11.5	4.5 6.7#
68	8.4	3.6 5.4#

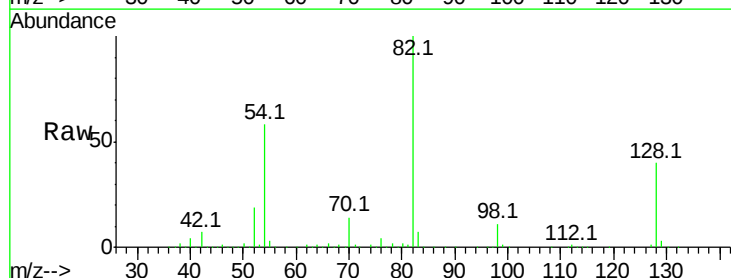


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

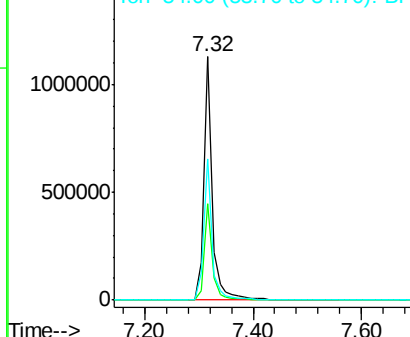
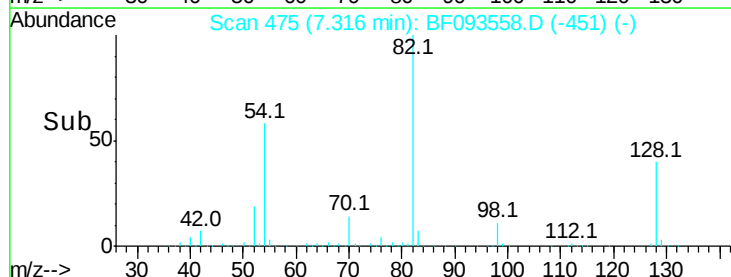


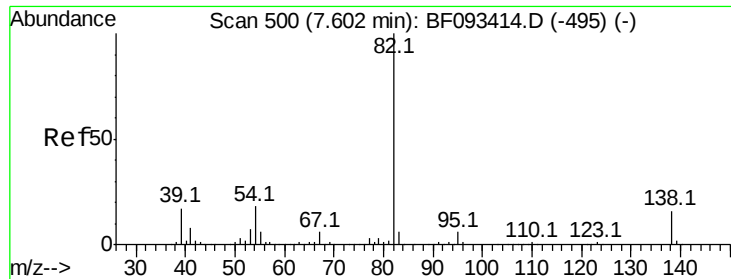
#23
Nitrobenzene-d5
Concen: 92.78 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093558.D
Acq: 11 Mar 2017 8:06

Tgt Ion: 82	Resp:	1183437
Ion Ratio	Lower	Upper
82	100	
128	39.6	34.6 52.0
54	57.9	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: 46.06 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093558.D

Acq: 11 Mar 2017 8:06

Instrument :

BNA_F

ClientSampled :

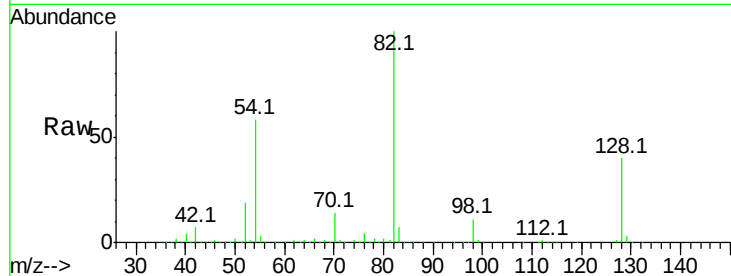
Tot Ion: 82 Resp: 1184652

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

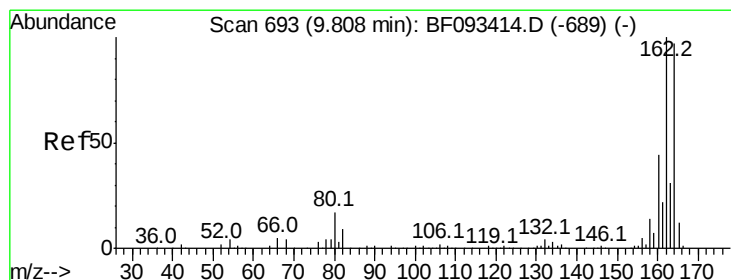
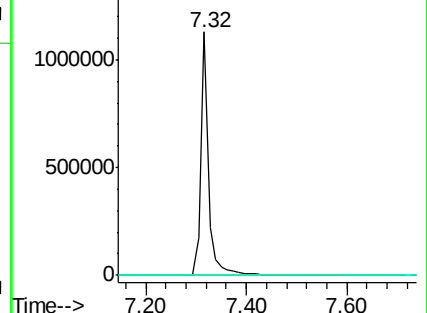
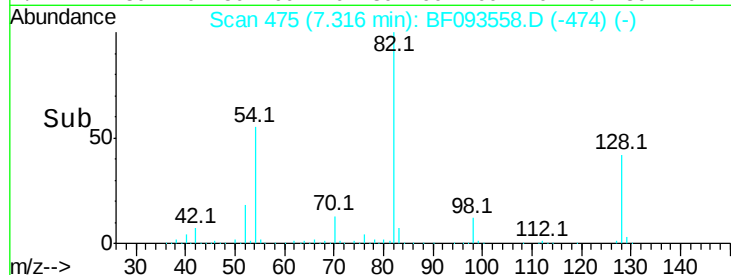
138 0.0 14.6 22.0#



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: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093558.D

Acq: 11 Mar 2017 8:06

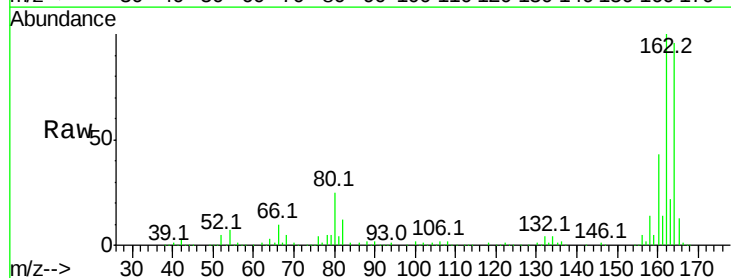
Tgt Ion:164 Resp: 314641

Ion Ratio Lower Upper

164 100

162 104.4 80.2 120.2

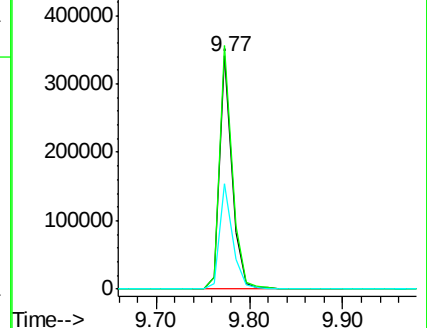
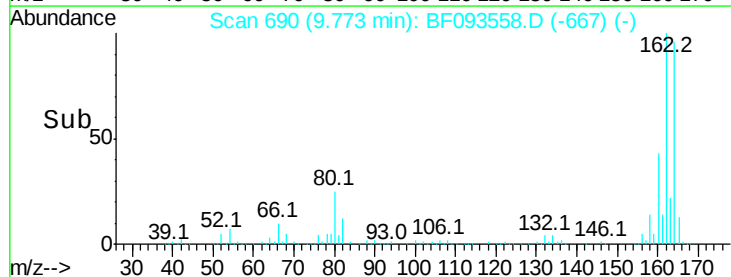
160 45.1 36.9 55.3

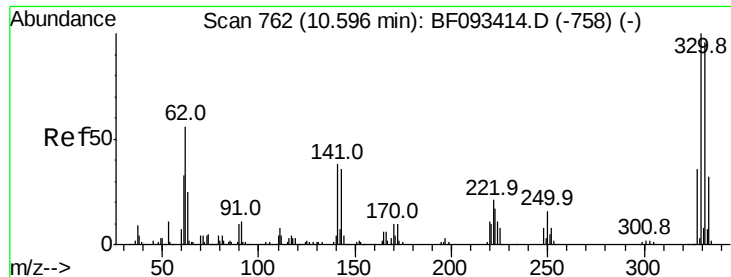


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

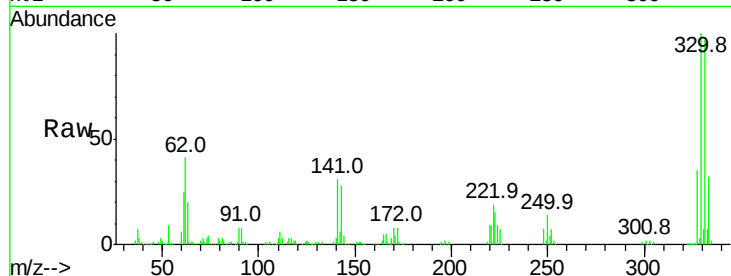




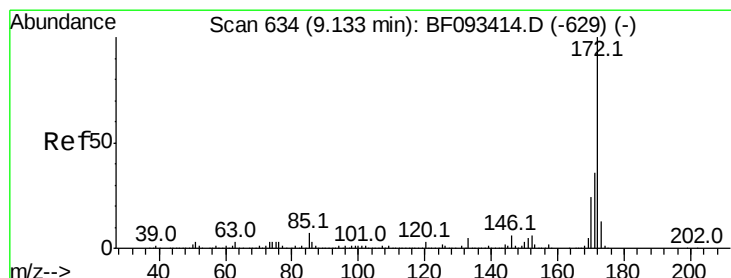
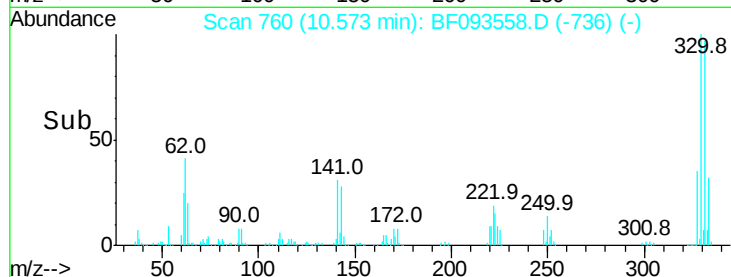
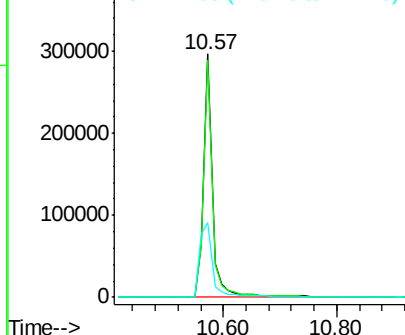
#41
 2,4,6-Tribromophenol
 Concen: 155.08 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093558.D
 Acq: 11 Mar 2017 8:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 317910
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 45.7 34.1 51.1

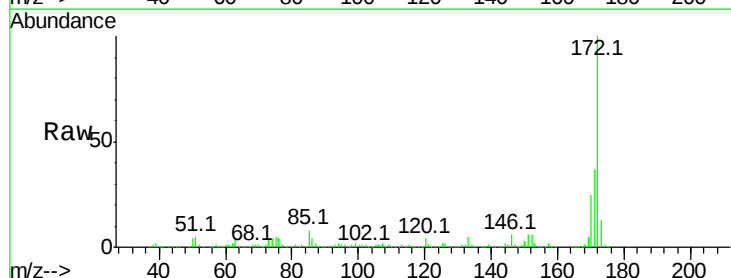


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

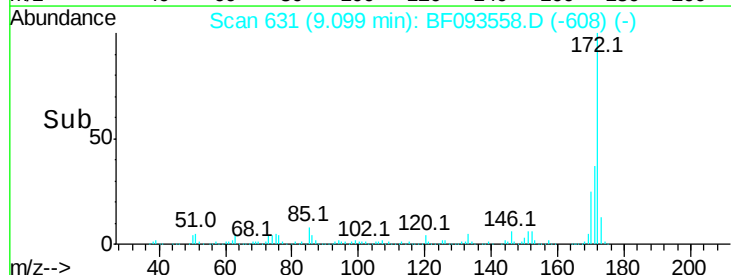
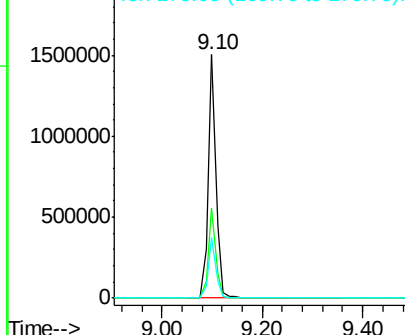


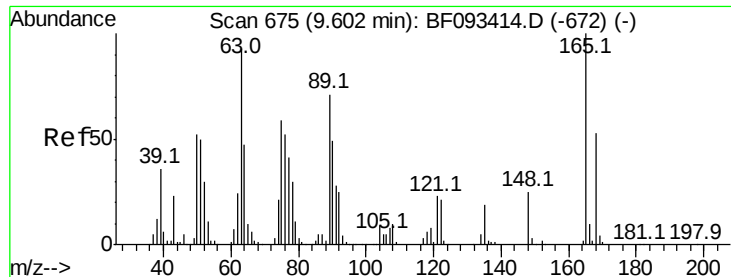
#44
 2-Fluorobiphenyl
 Concen: 94.70 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093558.D
 Acq: 11 Mar 2017 8:06

Tgt Ion:172 Resp: 1601959
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.8 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

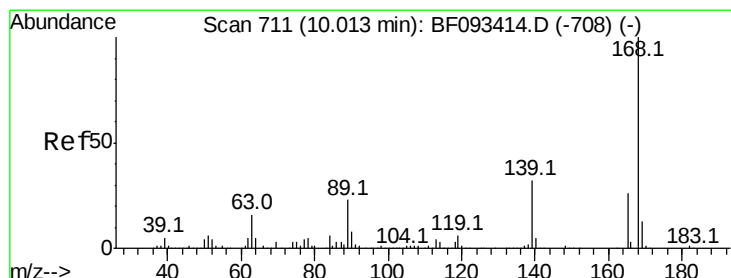
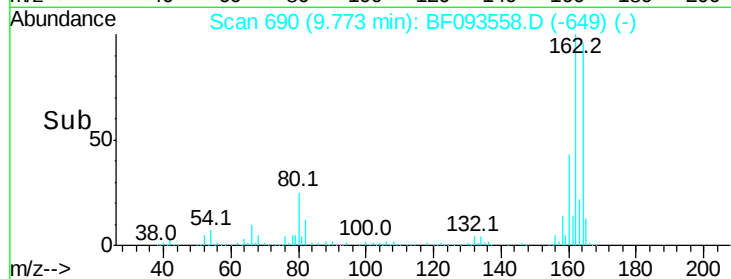
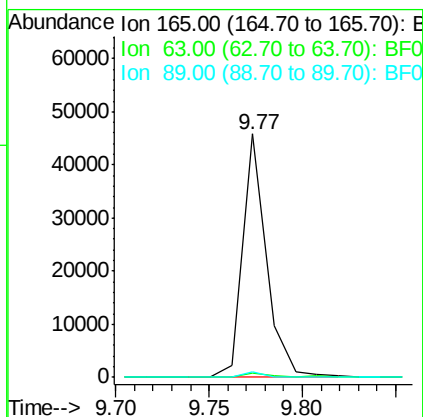
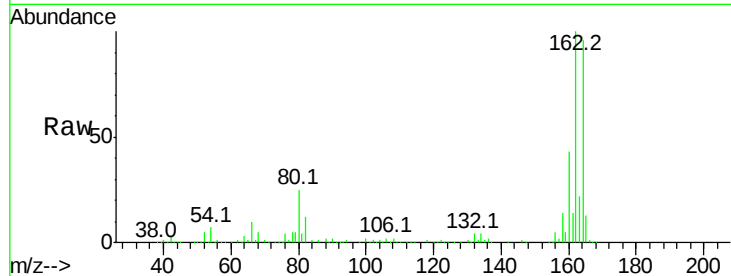




#50
 2,6-Dinitrotoluene
 Concen: 8.96 ng
 RT: 9.77 min Scan# 690
 Delta R.T. 0.17 min
 Lab File: BF093558.D
 Acq: 11 Mar 2017 8:06

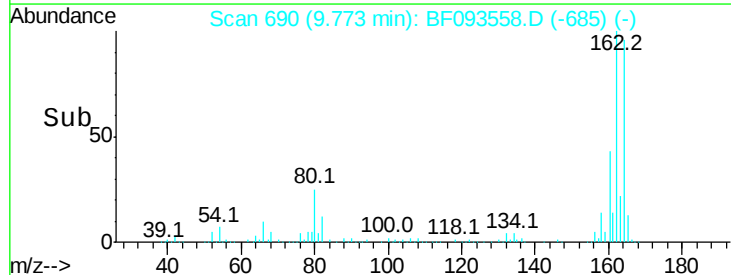
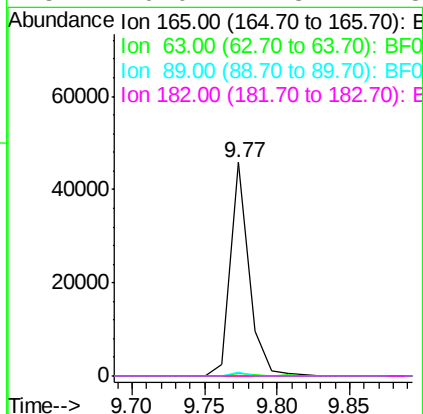
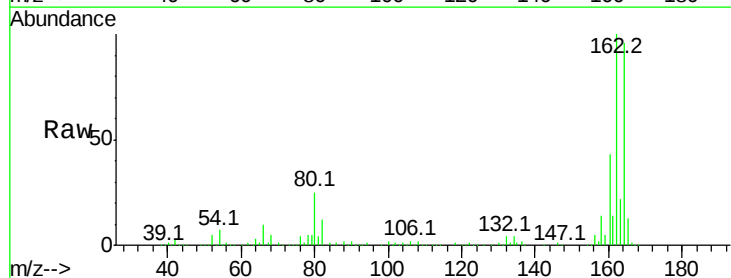
Instrument :
 BNA_F
 ClientSampleId :

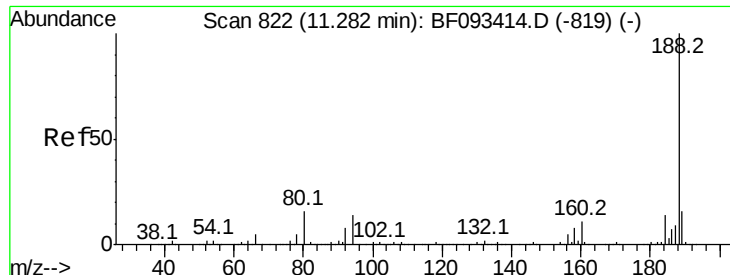
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.2	54.4#
89	2.1	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.24 min
 Lab File: BF093558.D
 Acq: 11 Mar 2017 8:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	2.1	62.5	93.7#
182	0.0	1.8	2.8#

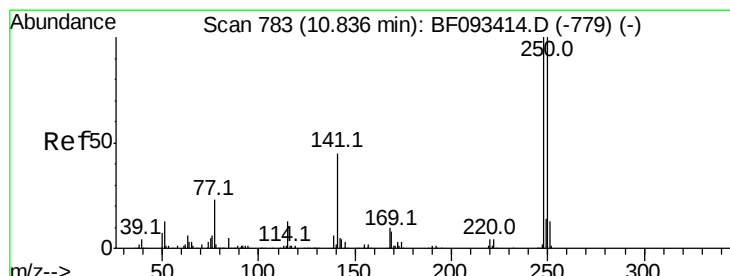
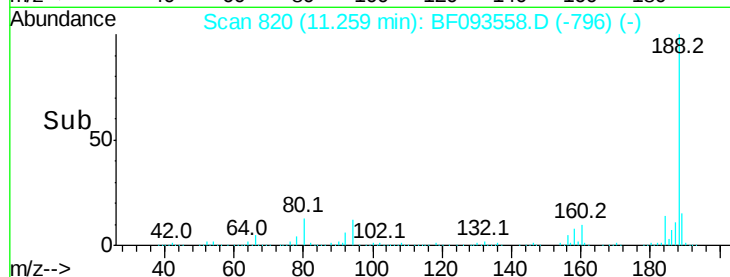
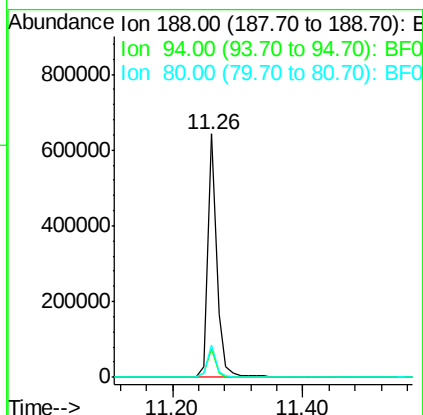
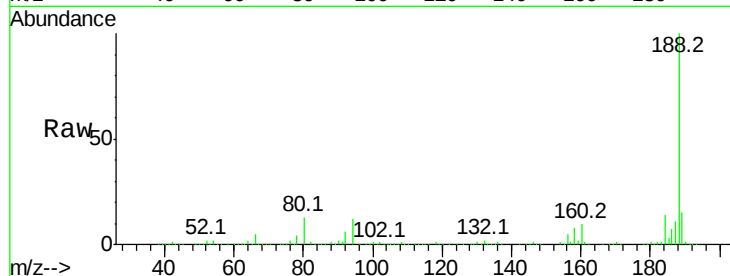




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093558.D
 Acq: 11 Mar 2017 8:06

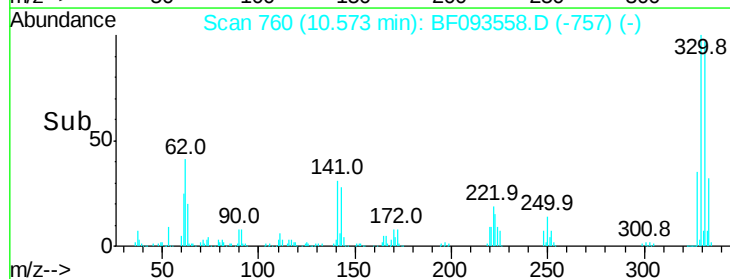
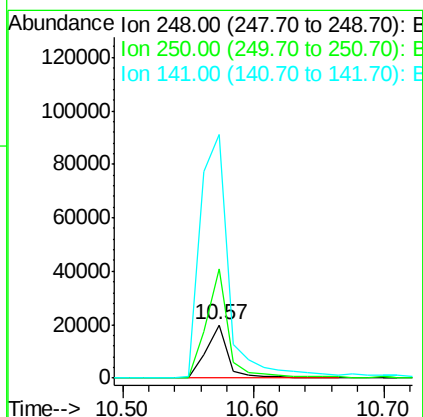
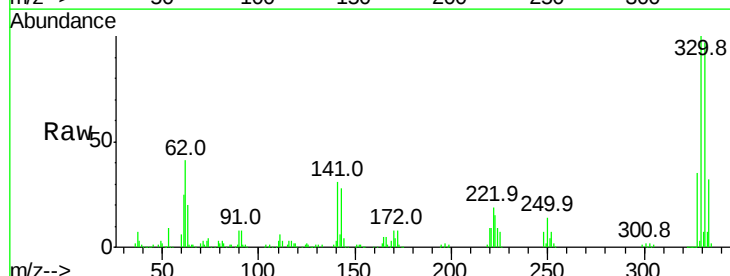
Instrument :
 BNA_F
 ClientSampleId :

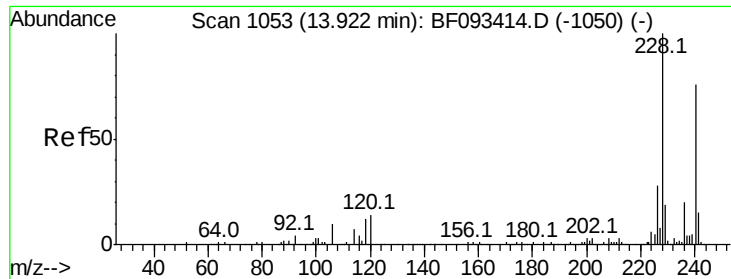
Tot Ion:188 Resp: 615247
 Ion Ratio Lower Upper
 188 100
 94 11.6 10.0 15.0
 80 13.2 11.2 16.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093558.D
 Acq: 11 Mar 2017 8:06

Tgt Ion:248 Resp: 23434
 Ion Ratio Lower Upper
 248 100
 250 205.9 76.9 115.3#
 141 457.1 68.2 102.4#

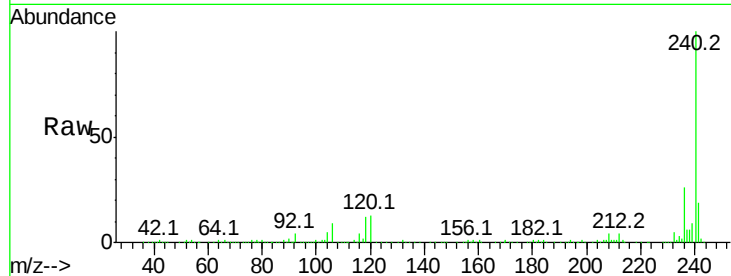




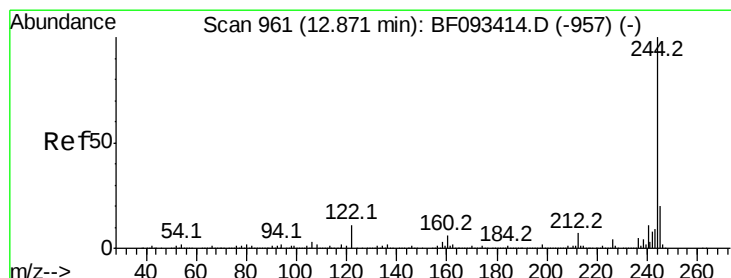
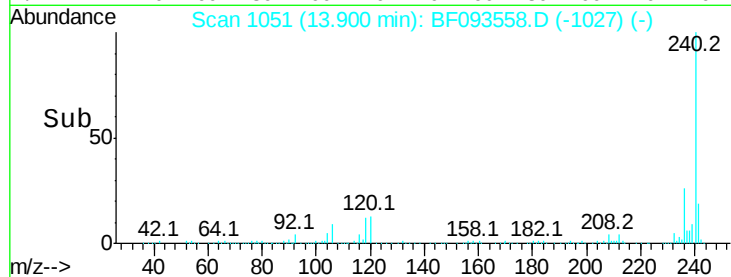
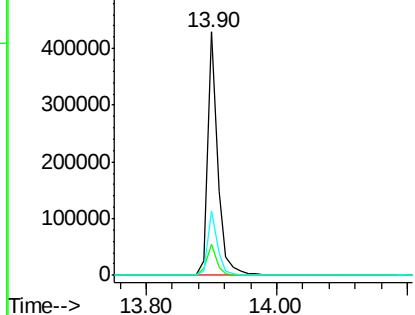
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BF093558.D
 Acq: 11 Mar 2017 8:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 458400
 Ion Ratio Lower Upper
 240 100
 120 13.0 12.9 19.3
 236 26.3 20.9 31.3

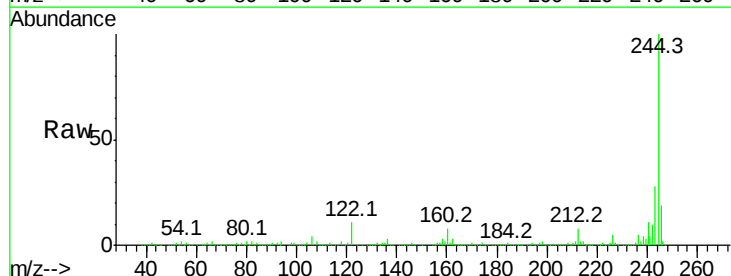


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

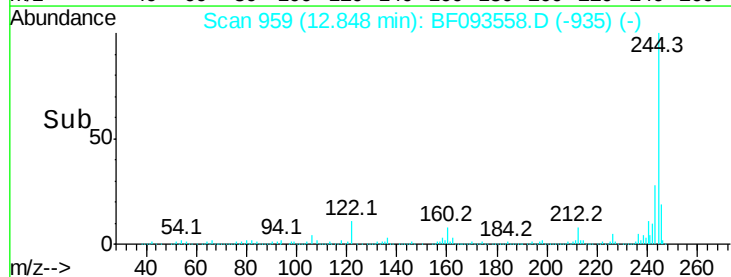
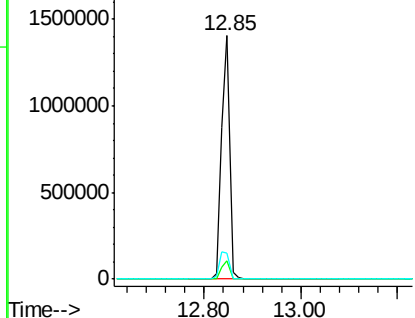


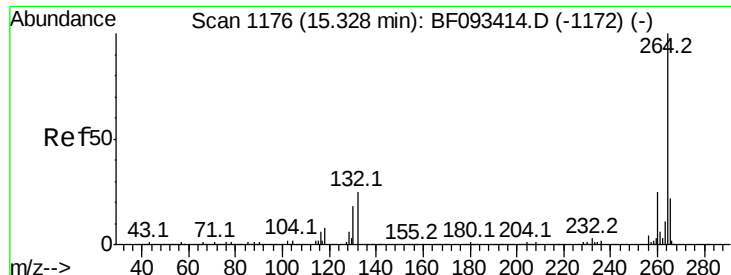
#78
 Terphenyl-d14
 Concen: 92.42 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093558.D
 Acq: 11 Mar 2017 8:06

Tgt Ion:244 Resp: 1629523
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.6 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

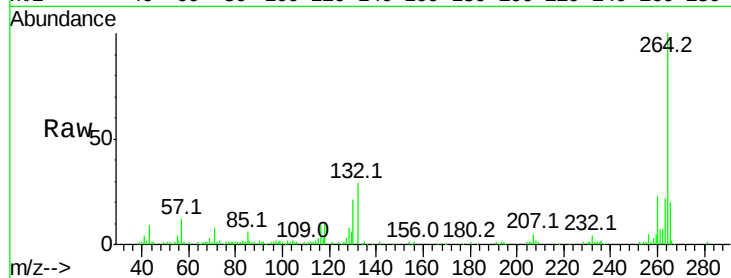




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093558.D
 Acq: 11 Mar 2017 8:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.3	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

