

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093467.D
 Acq On : 9 Mar 2017 10:22
 Operator : SJ/MA
 Sample : I2127-28
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 10:48:55 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

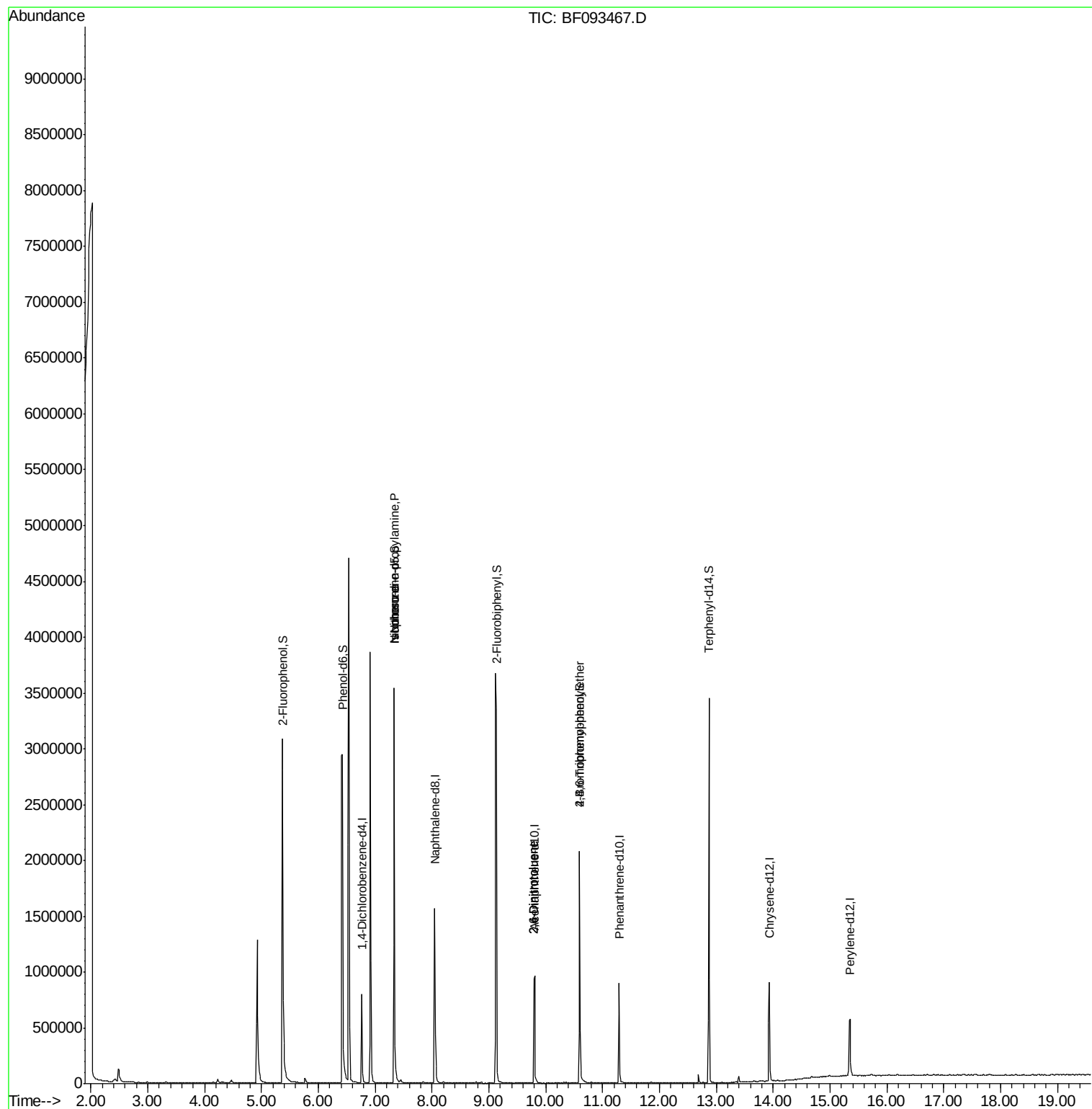
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	179648	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	711529	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	290946	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	439625	20.00	ng	0.01
75) Chrysene-d12	13.93	240	386683	20.00	ng	0.01
86) Perylene-d12	15.35	264	293035	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1436468	133.08	ng	0.02
7) Phenol-d6	6.42	99	1799246	132.18	ng	0.01
23) Nitrobenzene-d5	7.34	82	1249428	97.43	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	235097	124.02	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1793372	114.65	ng	0.00
78) Terphenyl-d14	12.87	244	1079149	72.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	2519	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	168708	18.03	ng	82
25) Isophorone	7.34	82	1246561	48.20	ng	65
50) 2,6-Dinitrotoluene	9.80	165	36003	8.51	ng	32
56) 2,4-Dinitrotoluene	9.80	165	36004	6.92	ng	20
66) 4-Bromophenyl-phenylether	10.60	248	17688	3.80	ng	1

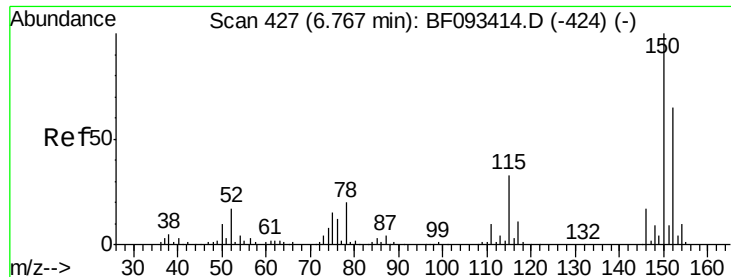
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093467.D
Acq On : 9 Mar 2017 10:22
Operator : SJ/MA
Sample : I2127-28
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 09 10:48:55 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



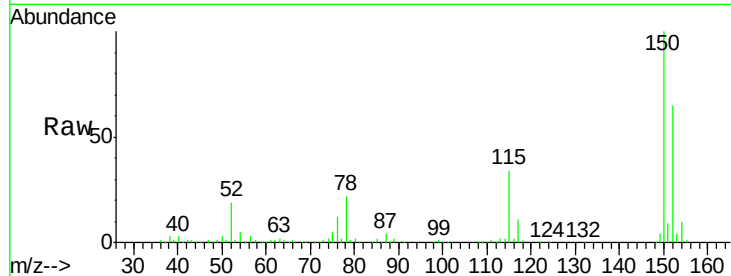


#1

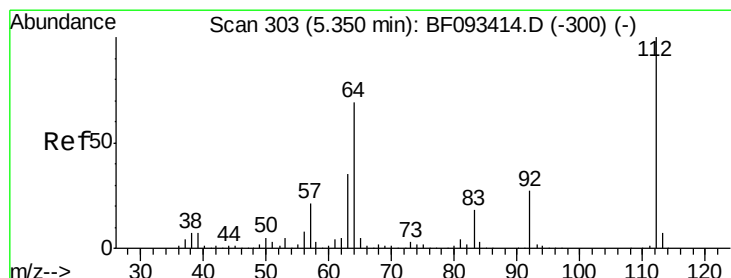
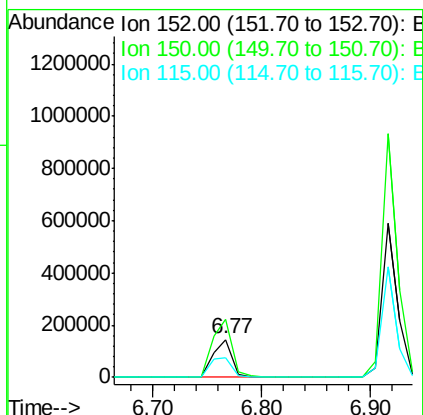
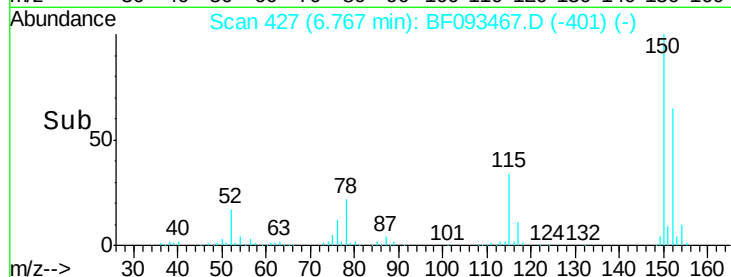
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093467.D
Acq: 9 Mar 2017 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179648
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 52.8 46.0 69.0



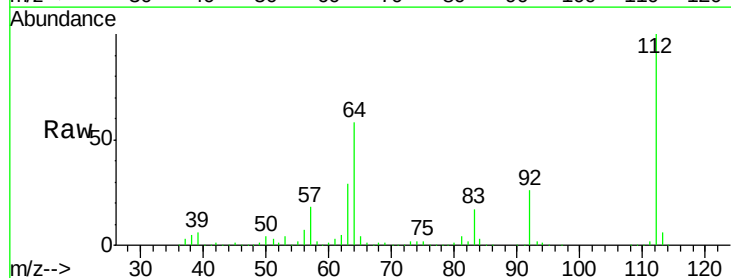
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



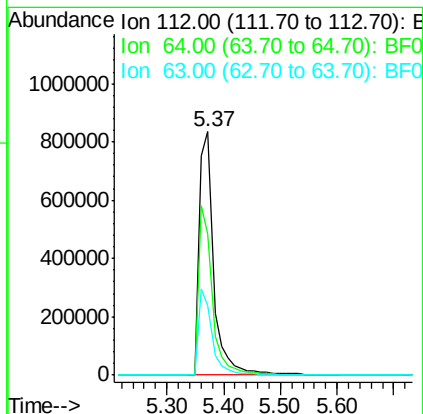
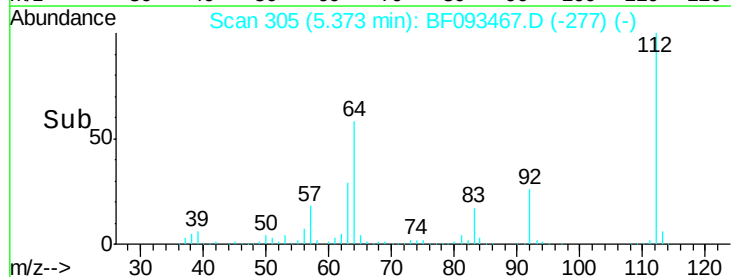
#5

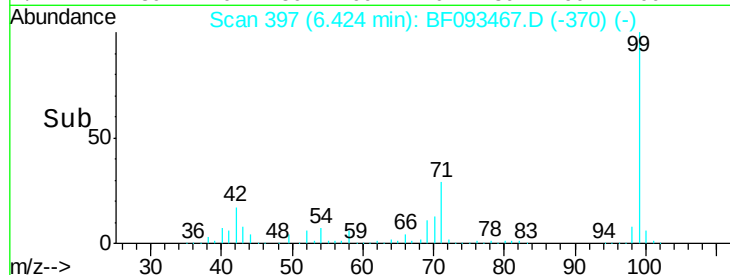
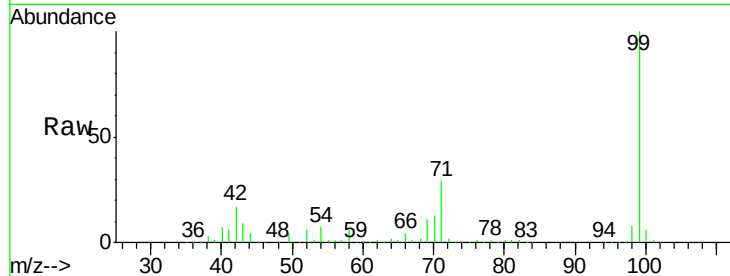
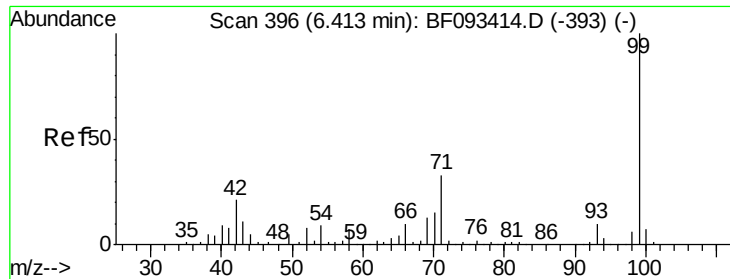
2-Fluorophenol
Concen: 133.08 ng
RT: 5.37 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF093467.D
Acq: 9 Mar 2017 10:22

Tgt Ion:112 Resp: 1436468
Ion Ratio Lower Upper
112 100
64 57.8 46.1 69.1
63 28.8 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: 132.18 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

Instrument :

BNA_F

ClientSampled :

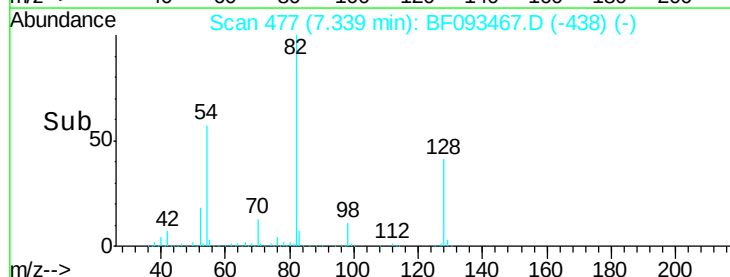
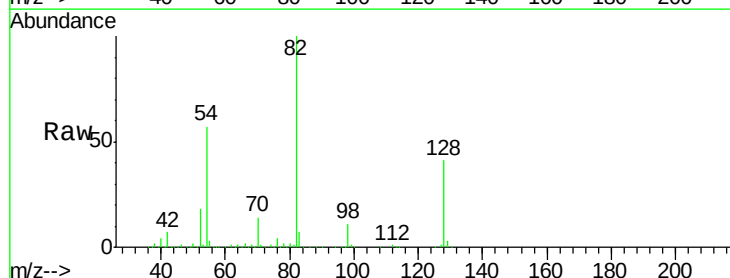
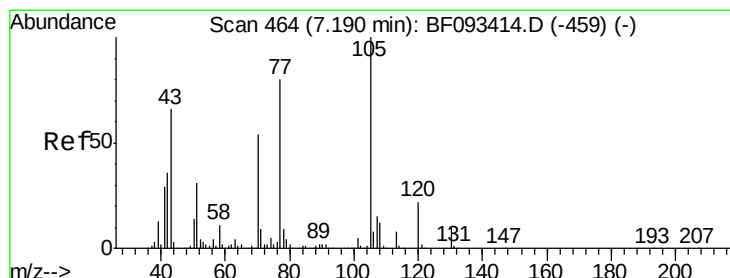
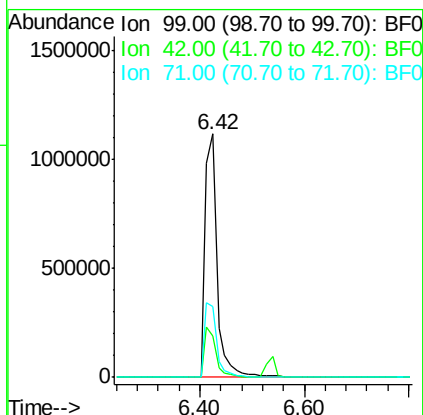
Tot Ion: 99 Resp: 1799246

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

71 29.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.03 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

Tgt Ion: 70 Resp: 168708

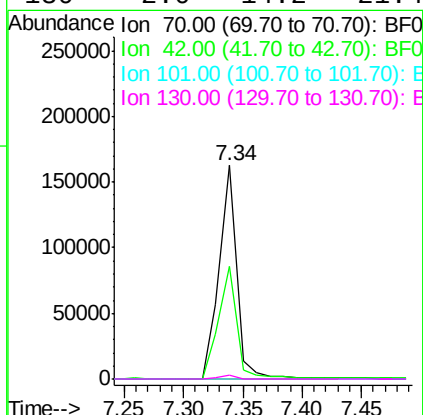
Ion Ratio Lower Upper

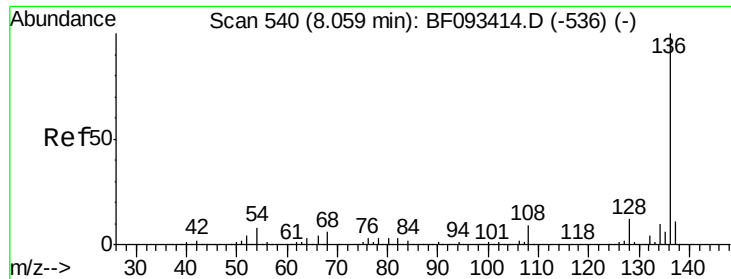
70 100

42 52.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

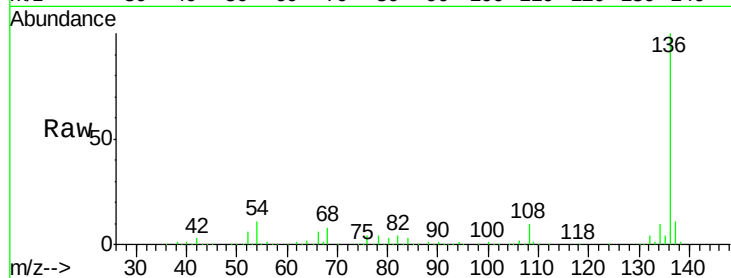




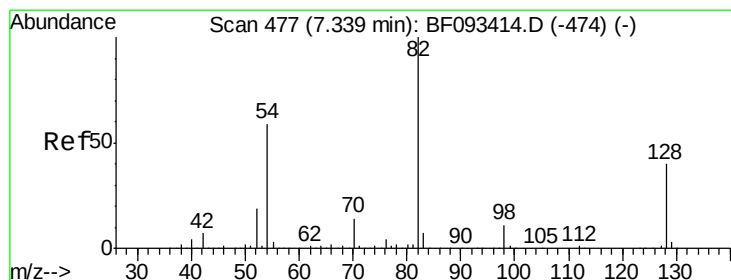
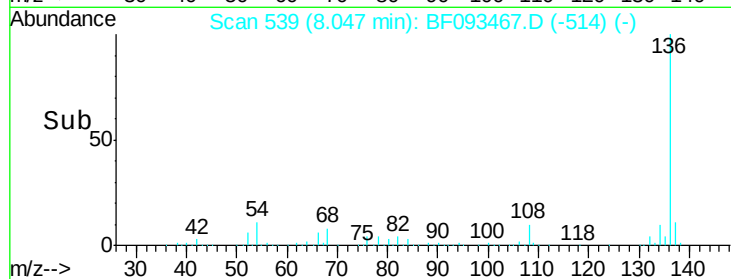
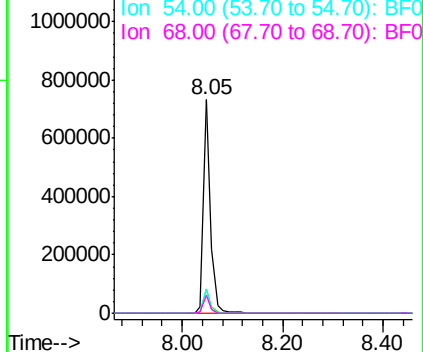
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093467.D
Acq: 9 Mar 2017 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	711529
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	11.3	4.5 6.7#
68	8.2	3.6 5.4#

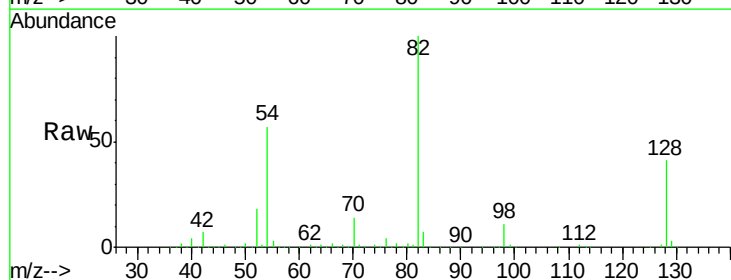


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

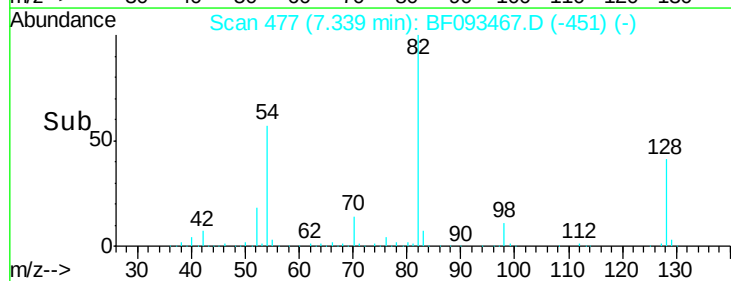
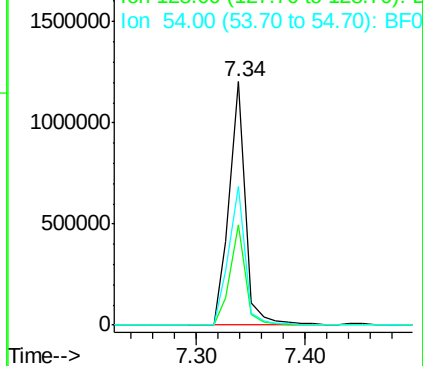


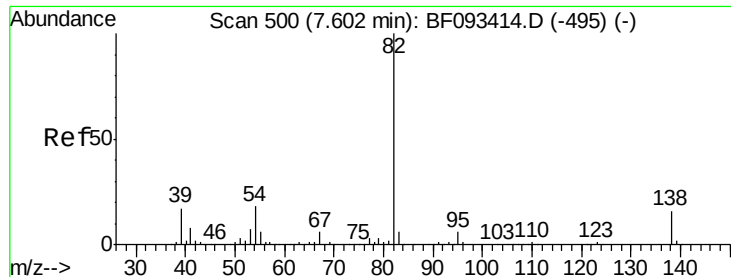
#23
Nitrobenzene-d5
Concen: 97.43 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093467.D
Acq: 9 Mar 2017 10:22

Tgt Ion: 82	Resp:	1249428
Ion Ratio	Lower	Upper
82	100	
128	41.3	34.6 52.0
54	57.1	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: 48.20 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

Instrument :

BNA_F

ClientSampleId :

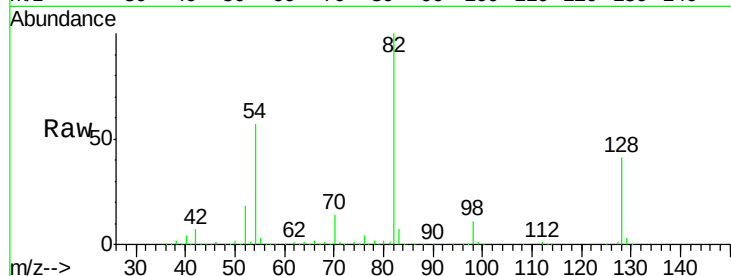
Tot Ion: 82 Resp: 1246561

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

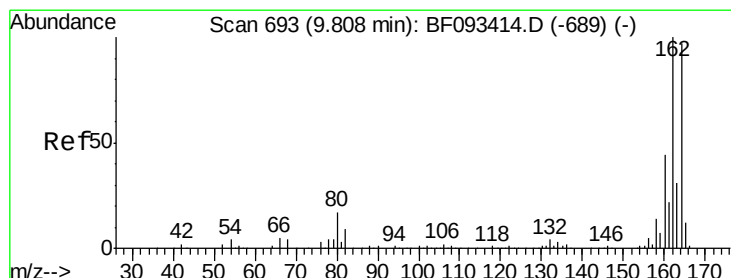
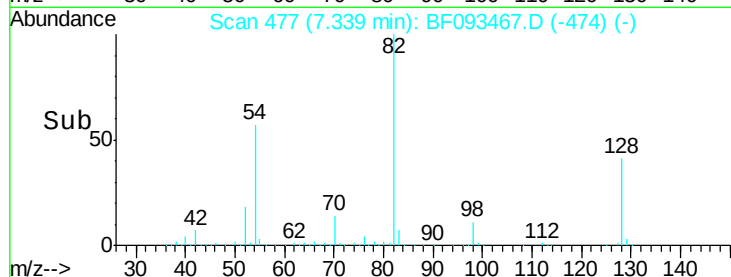
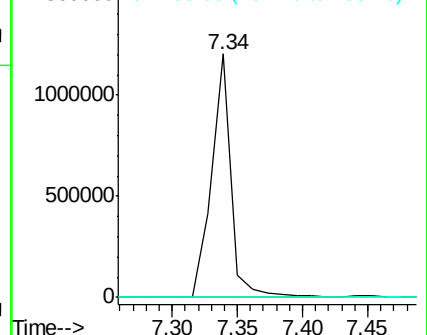
138 0.0 14.6 22.0#



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: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

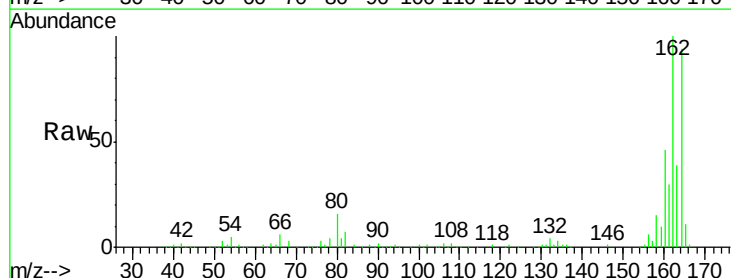
Tgt Ion:164 Resp: 290946

Ion Ratio Lower Upper

164 100

162 105.9 80.2 120.2

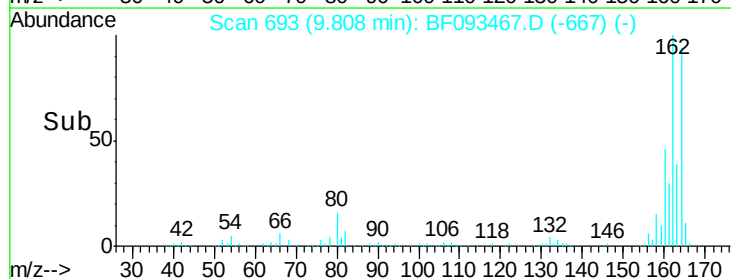
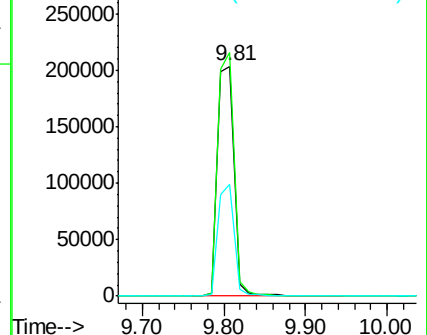
160 48.4 36.9 55.3

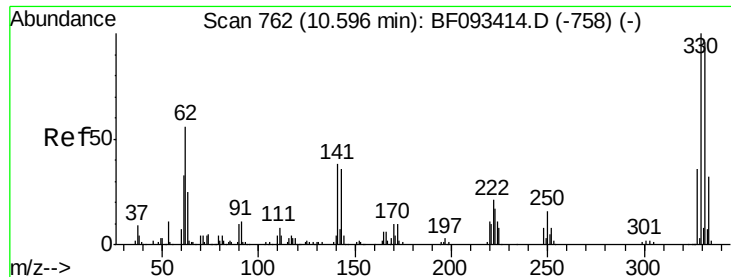


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

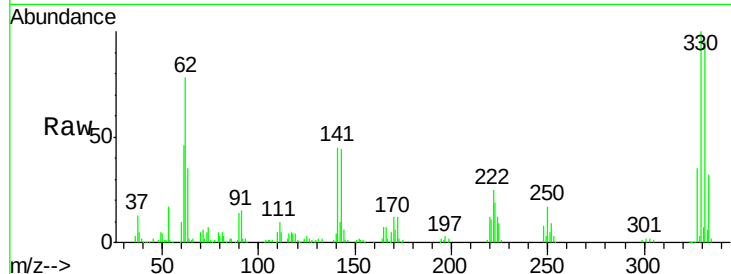




#41
 2,4,6-Tribromophenol
 Concen: 124.02 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093467.D
 Acq: 9 Mar 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	43.7	34.1	51.1

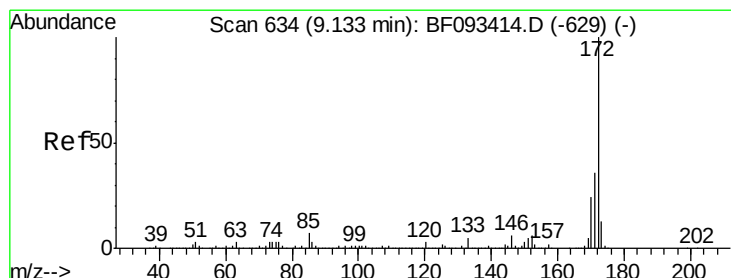
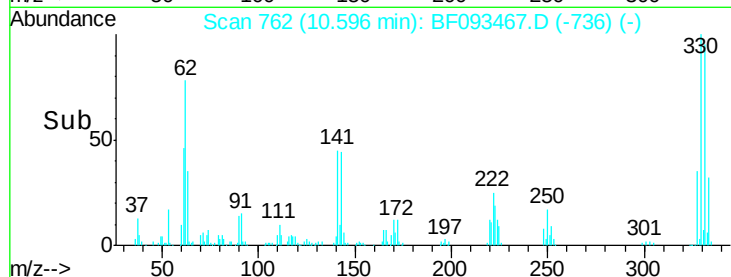
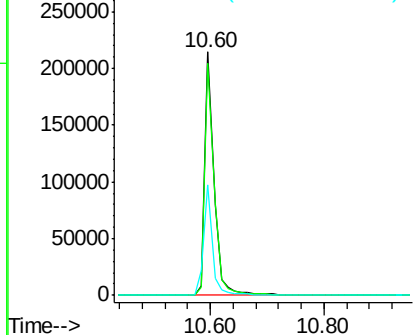


Abundance

Ion 329.80 (329.50 to 330.50): E

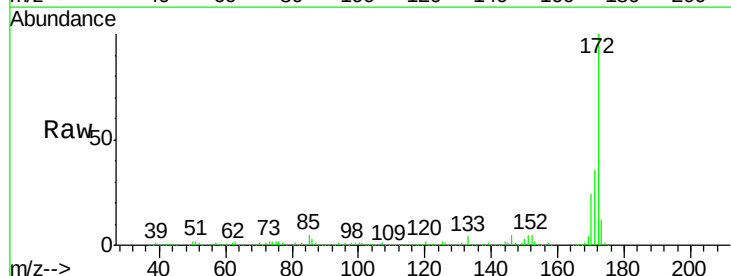
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 114.65 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093467.D
 Acq: 9 Mar 2017 10:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	20.2	30.4

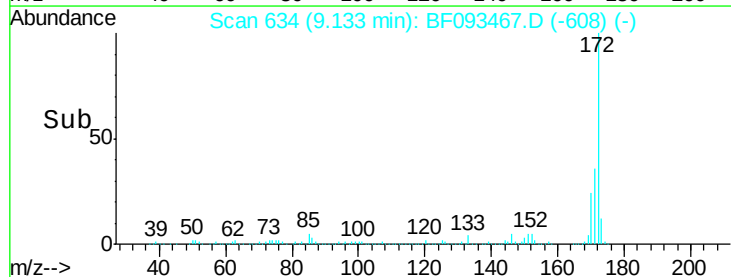
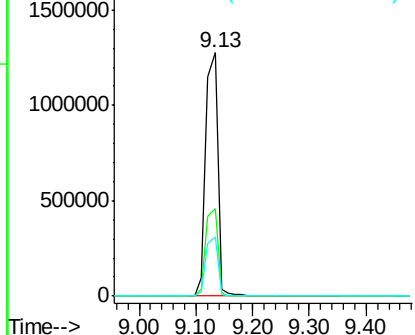


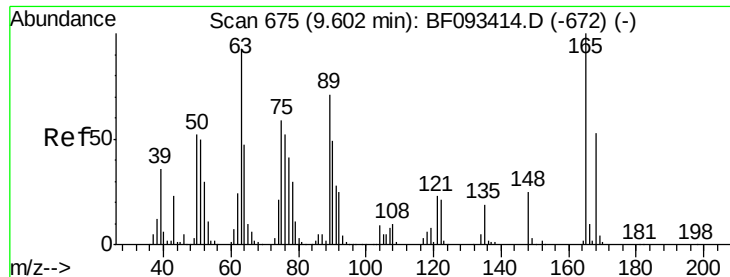
Abundance

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: 8.51 ng

RT: 9.80 min Scan# 692

Delta R.T. 0.19 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

Instrument :

BNA_F

ClientSampleId :

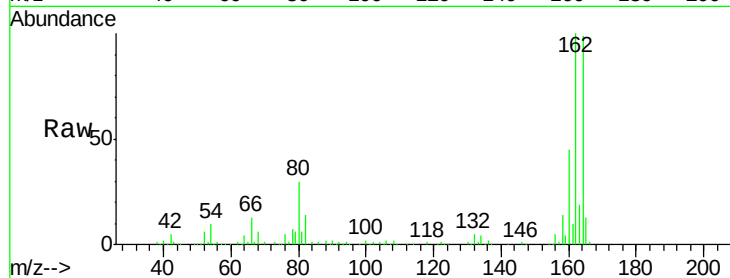
Tot Ion:165 Resp: 36003

Ion Ratio Lower Upper

165 100

63 1.9 36.2 54.4#

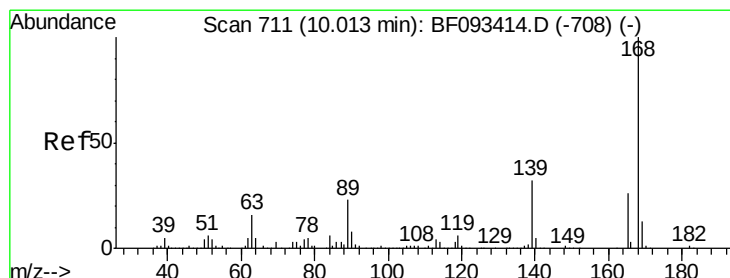
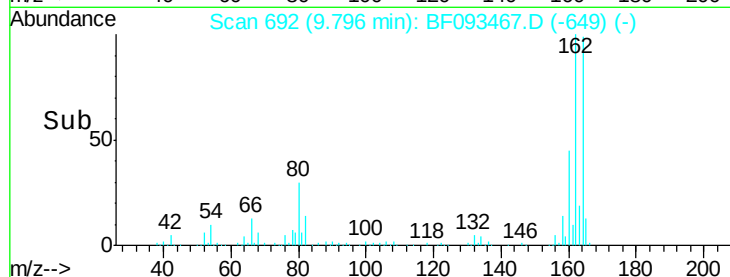
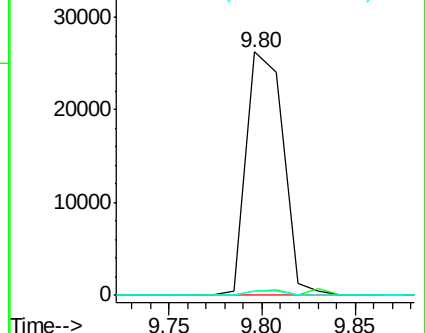
89 1.6 40.2 60.4#



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: 6.92 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.22 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

Tgt Ion:165 Resp: 36004

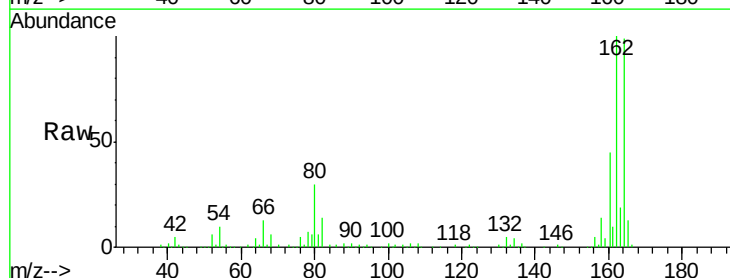
Ion Ratio Lower Upper

165 100

63 1.9 40.2 60.4#

89 1.6 62.5 93.7#

182 0.0 1.8 2.8#

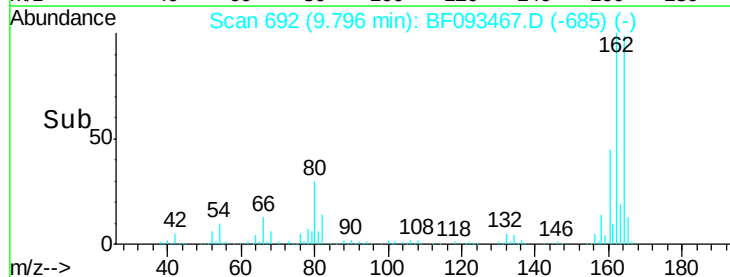
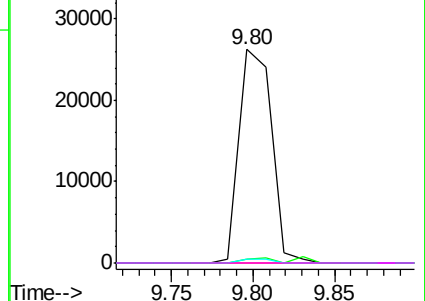


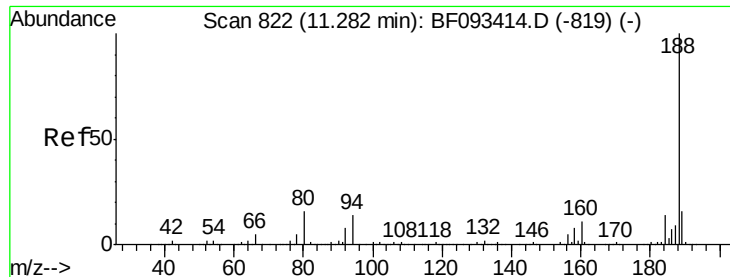
Abundance Ion 165.00 (164.70 to 165.70): E

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

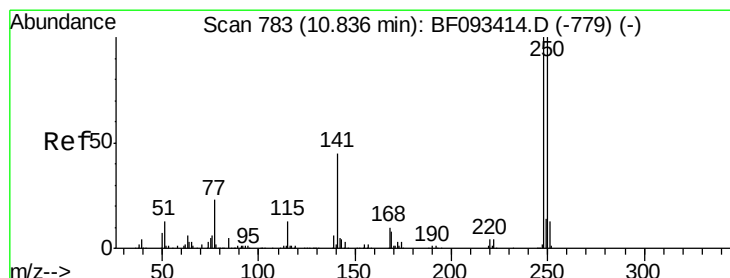
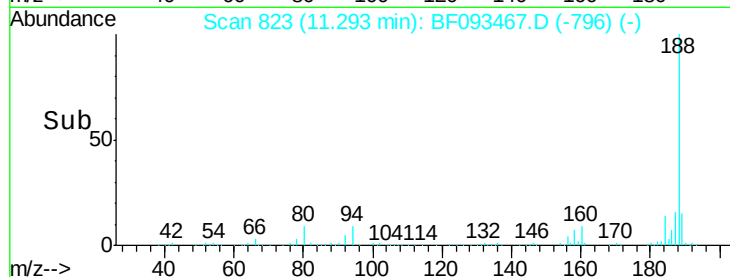
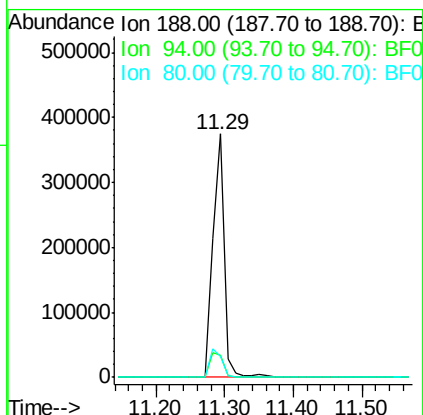
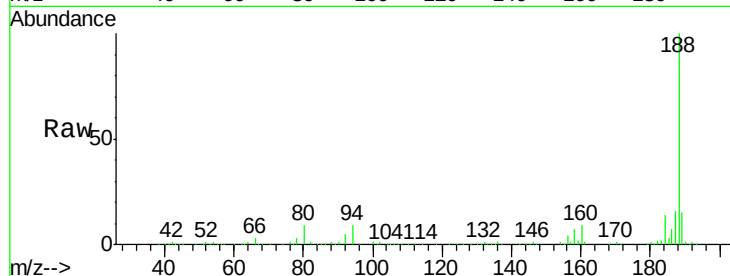




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF093467.D
 Acq: 9 Mar 2017 10:22

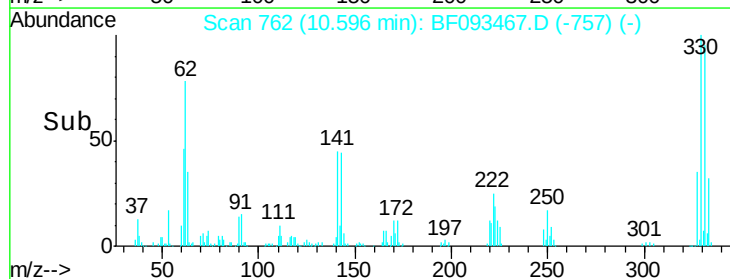
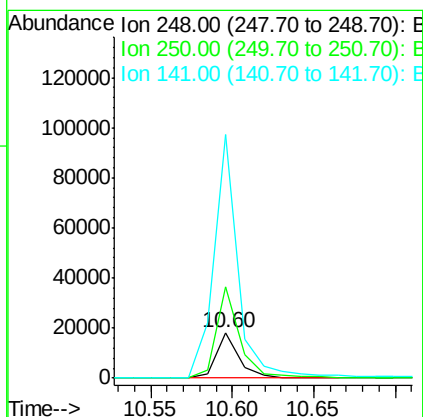
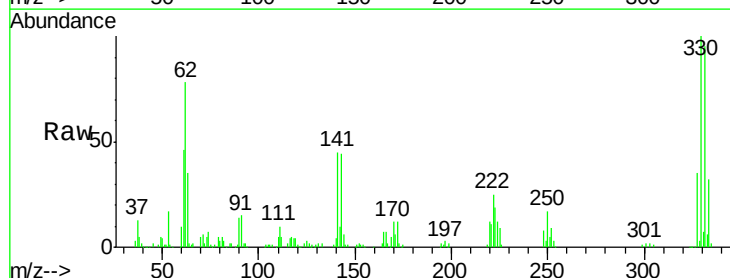
Instrument :
 BNA_F
 ClientSampled :

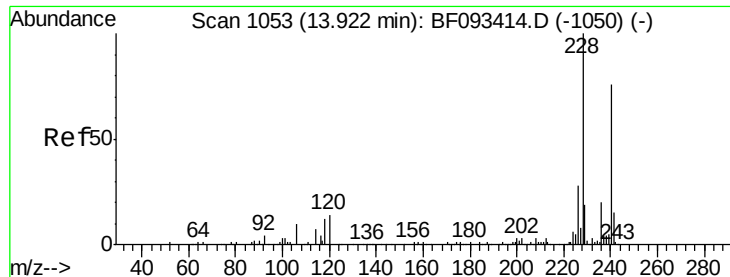
Tot Ion:188 Resp: 439625
 Ion Ratio Lower Upper
 188 100
 94 9.1 10.0 15.0#
 80 8.8 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.80 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF093467.D
 Acq: 9 Mar 2017 10:22

Tgt Ion:248 Resp: 17688
 Ion Ratio Lower Upper
 248 100
 250 200.6 76.9 115.3#
 141 538.3 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

Instrument :

BNA_F

ClientSampled :

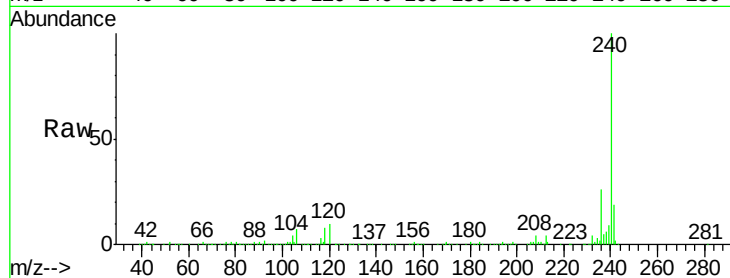
Tot Ion:240 Resp: 386683

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

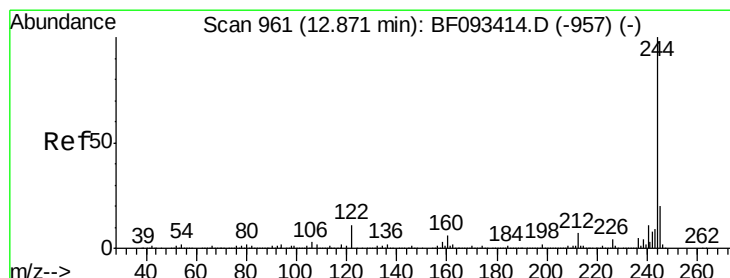
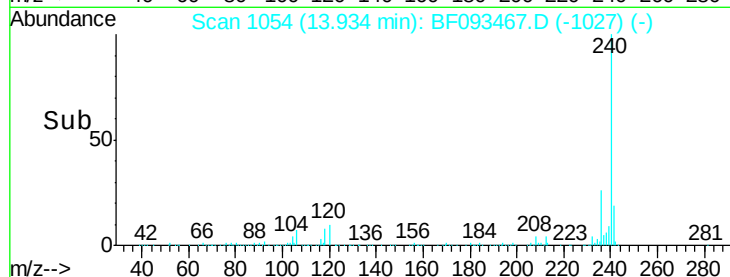
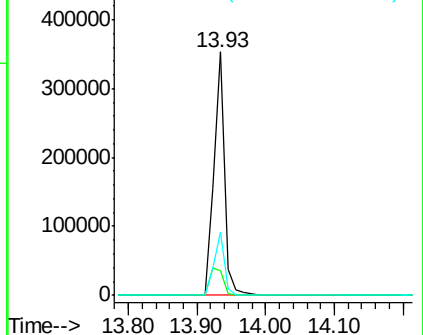
236 26.1 20.9 31.3



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: 72.56 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

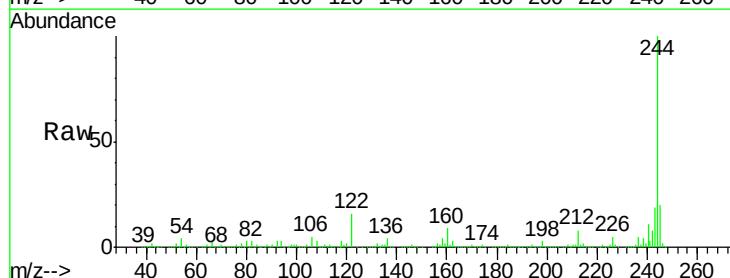
Tgt Ion:244 Resp: 1079149

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

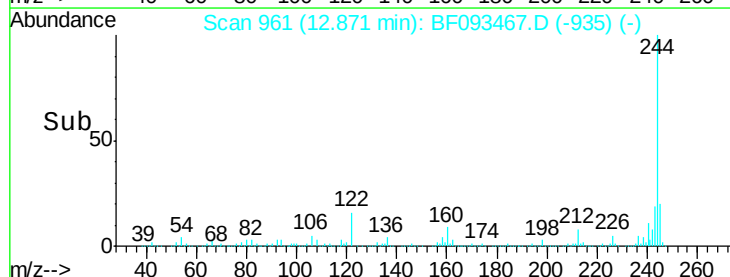
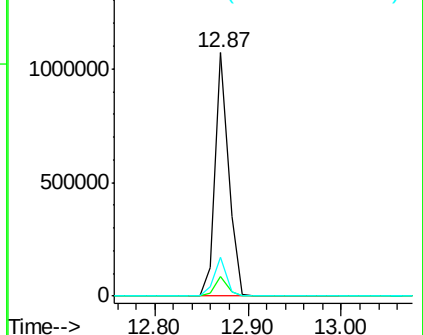
122 15.7 11.4 17.2

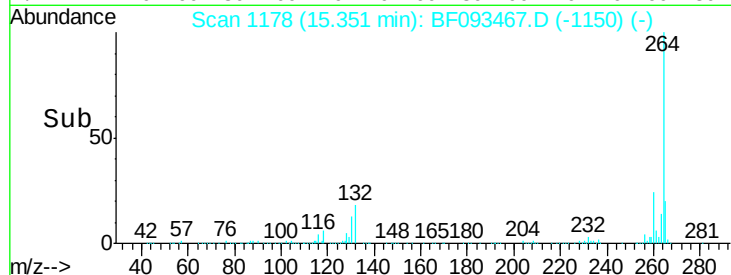
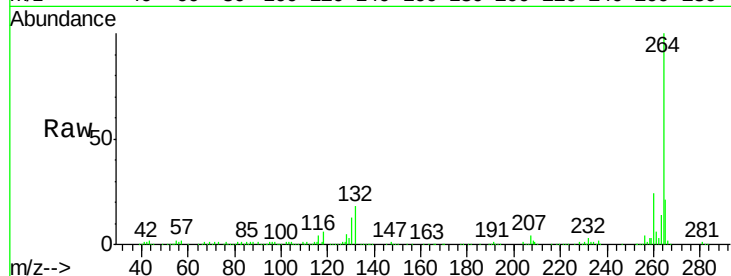
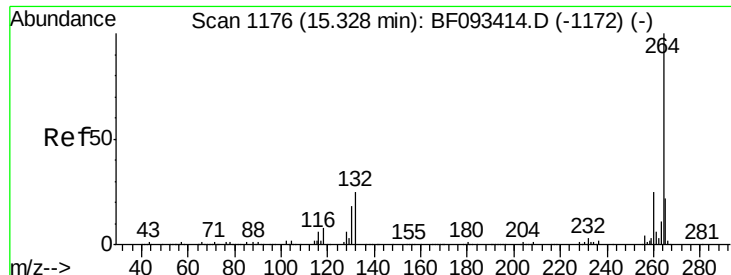


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093467.D
Acq: 9 Mar 2017 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	293035
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.6	17.4	26.0

