

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093471.D
 Acq On : 9 Mar 2017 12:11
 Operator : SJ/MA
 Sample : I2129-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 12:53:43 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

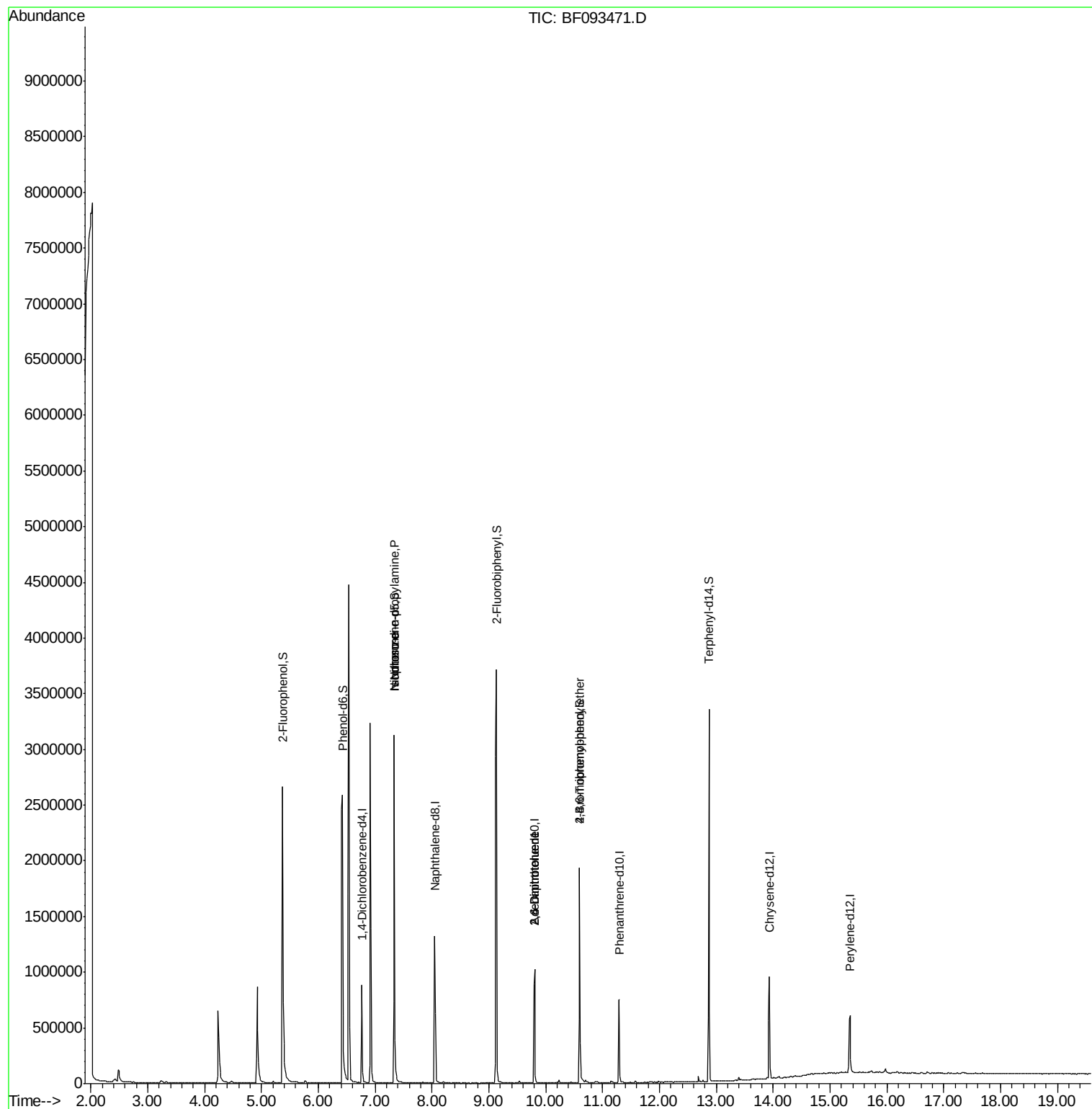
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	176199	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	692842	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	292444	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	438396	20.00	ng	0.01
75) Chrysene-d12	13.93	240	383331	20.00	ng	0.01
86) Perylene-d12	15.35	264	281465	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1295669	122.39	ng	0.02
7) Phenol-d6	6.42	99	1586941	118.87	ng	0.01
23) Nitrobenzene-d5	7.34	82	1044382	83.64	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	223928	117.53	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1658458	105.48	ng	0.00
78) Terphenyl-d14	12.87	244	995400	67.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	2895	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	140325	15.29	ng	82
25) Isophorone	7.34	82	1044358	41.47	ng	65
50) 2,6-Dinitrotoluene	9.81	165	36752	8.64	ng	32
56) 2,4-Dinitrotoluene	9.81	165	36753	7.03	ng	21
66) 4-Bromophenyl-phenylether	10.60	248	17136	3.70	ng	1

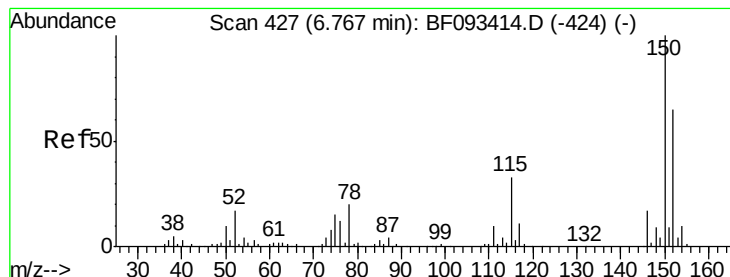
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093471.D
Acq On : 9 Mar 2017 12:11
Operator : SJ/MA
Sample : I2129-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 09 12:53:43 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: BF093471.D

Acq: 9 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

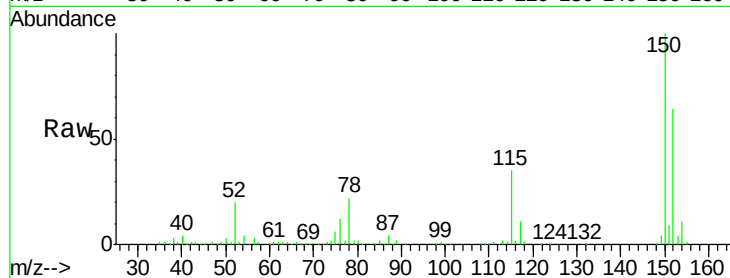
Tot Ion:152 Resp: 176199

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

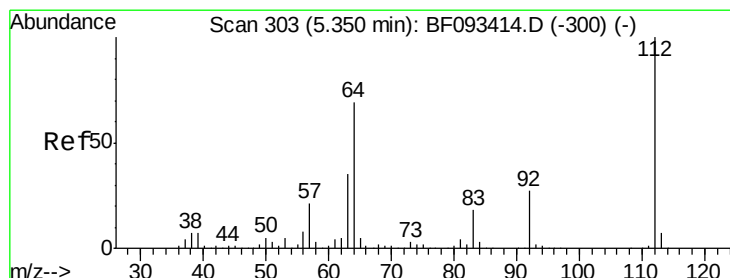
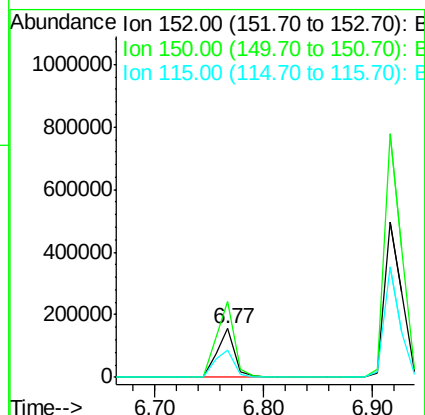
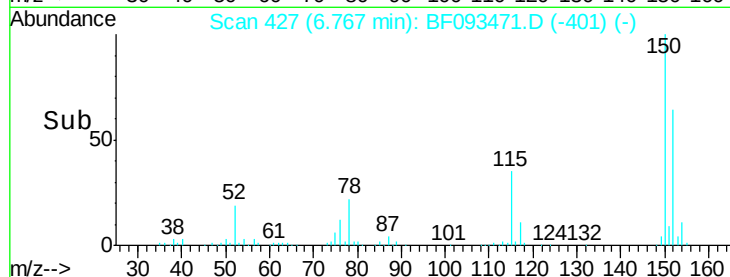
115 55.4 46.0 69.0



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: 122.39 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093471.D

Acq: 9 Mar 2017 12:11

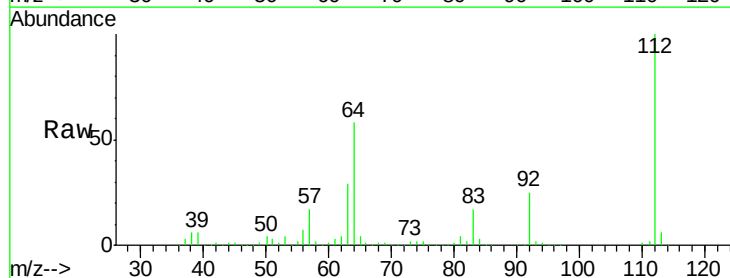
Tgt Ion:112 Resp: 1295669

Ion Ratio Lower Upper

112 100

64 58.1 46.1 69.1

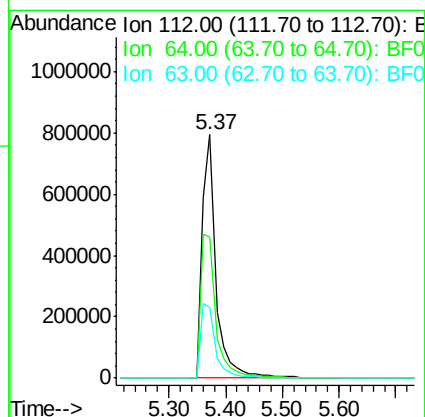
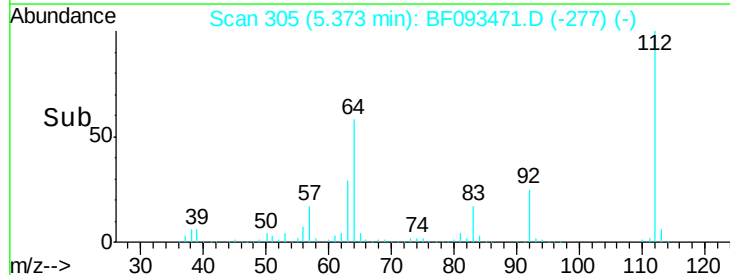
63 29.0 23.8 35.6

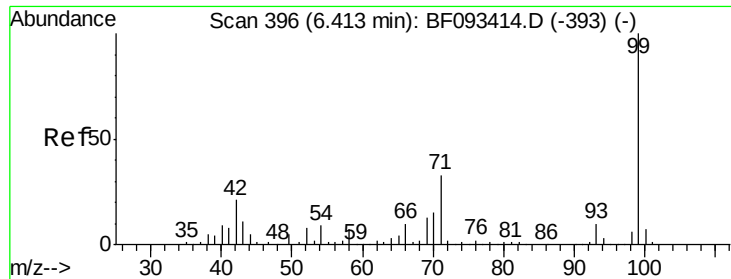


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.87 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093471.D

Acq: 9 Mar 2017 12:11

Instrument :

BNA_F

ClientSampled :

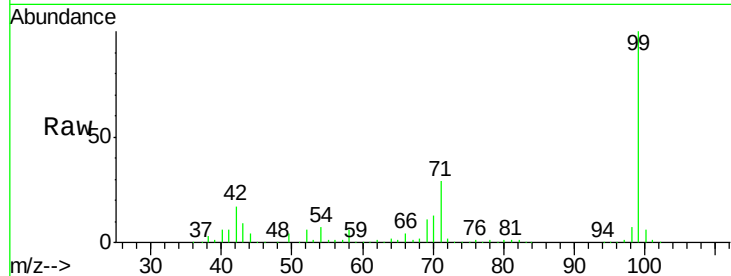
Tot Ion: 99 Resp: 1586941

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

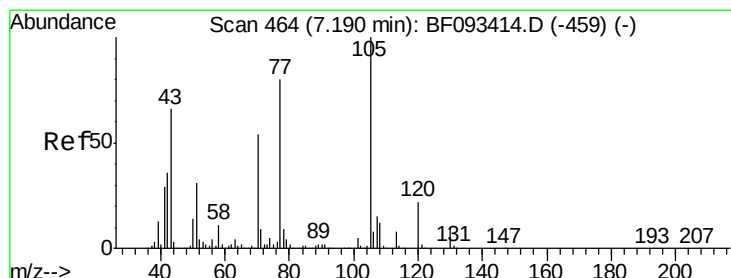
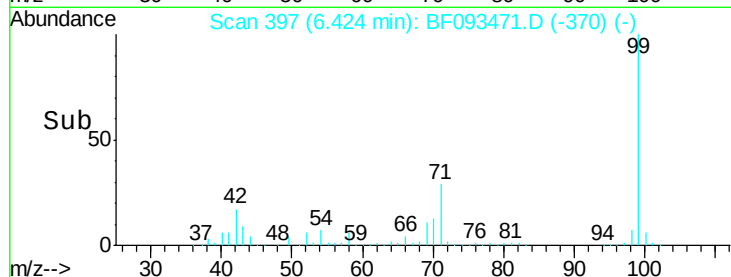
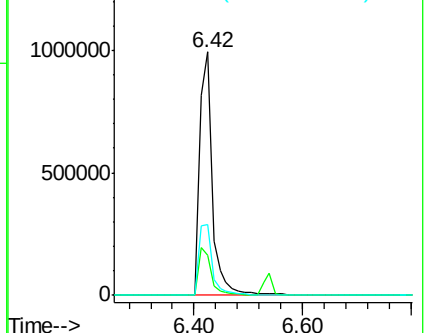
71 28.9 27.5 41.3



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: 15.29 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093471.D

Acq: 9 Mar 2017 12:11

Tgt Ion: 70 Resp: 140325

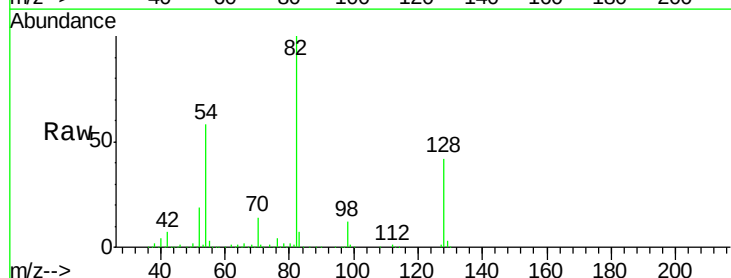
Ion Ratio Lower Upper

70 100

42 52.8 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

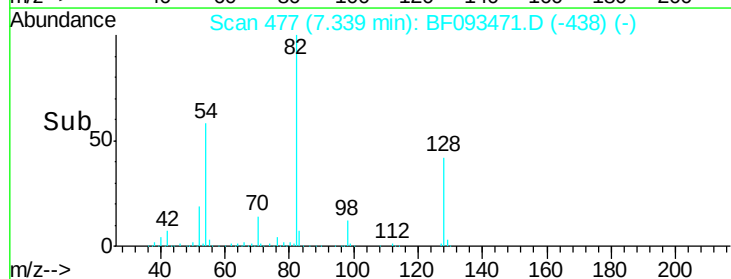
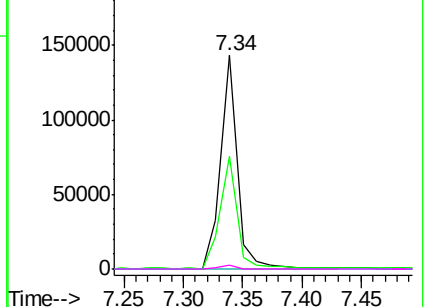


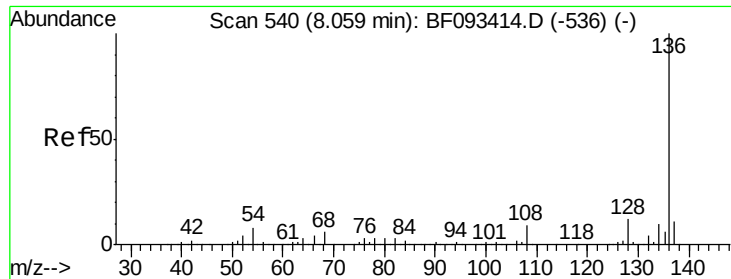
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

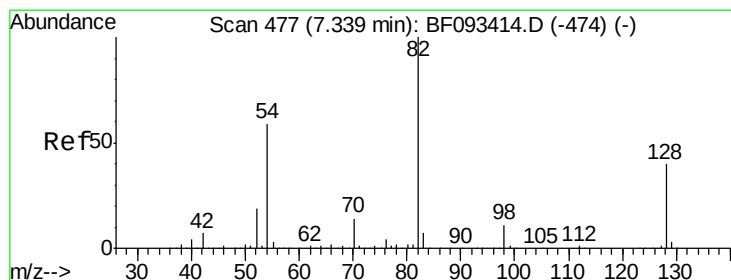
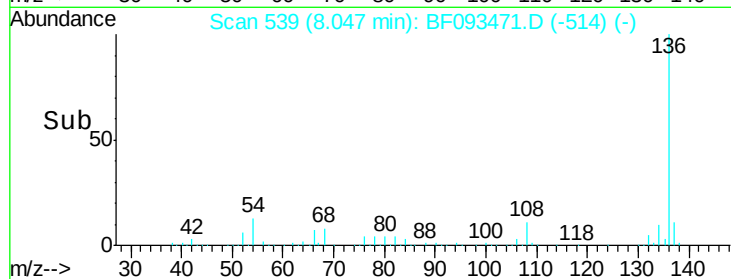
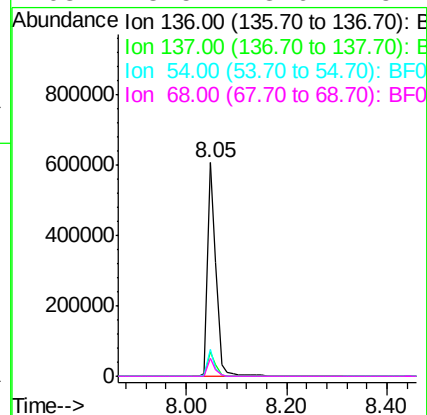
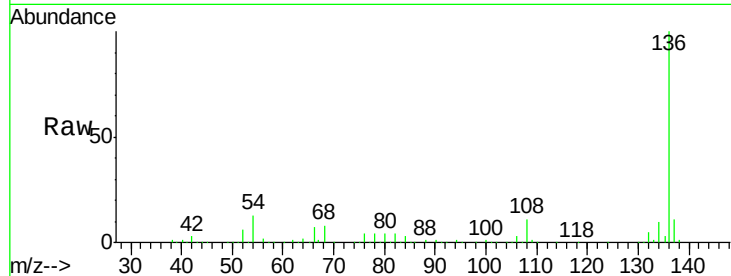




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093471.D
Acq: 9 Mar 2017 12:11

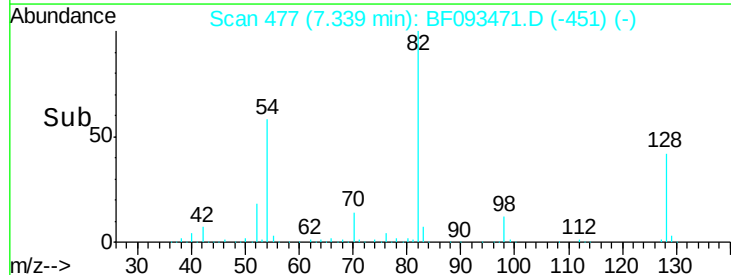
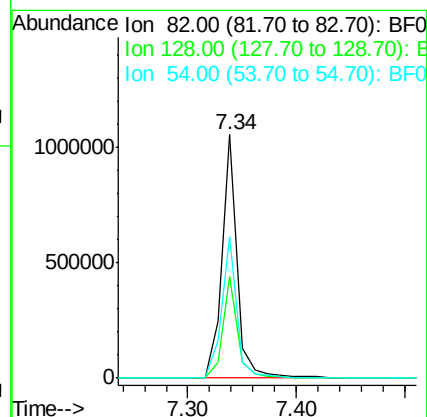
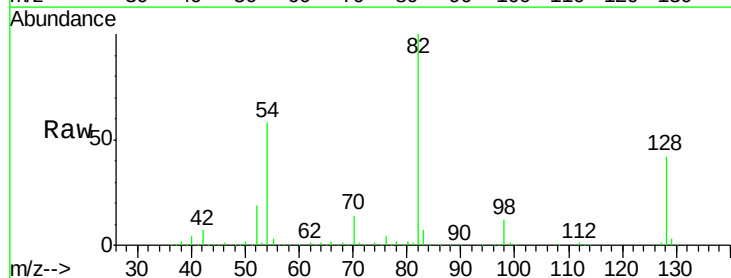
Instrument :
BNA_F
ClientSampled :

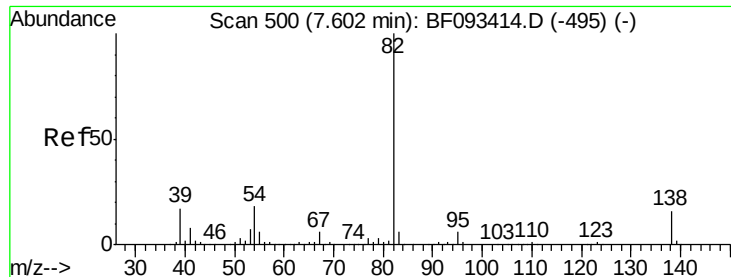
Tot Ion:	136	Resp:	692842
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	12.6	4.5	6.7#
68	8.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 83.64 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093471.D
Acq: 9 Mar 2017 12:11

Tgt Ion:	82	Resp:	1044382
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	58.0	39.5	59.3





#25

Isophorone

Concen: 41.47 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093471.D

Acq: 9 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

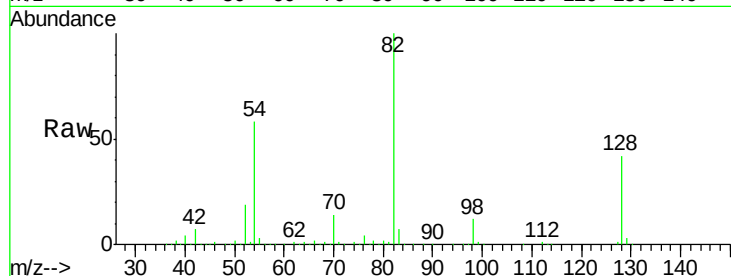
Tot Ion: 82 Resp: 1044358

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

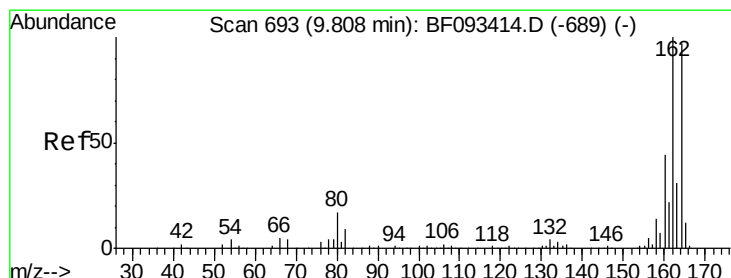
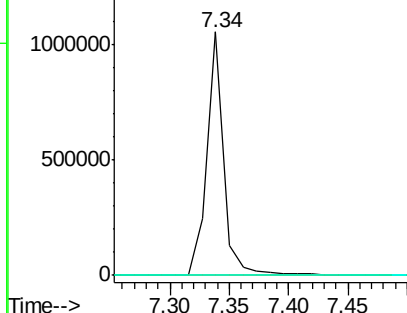
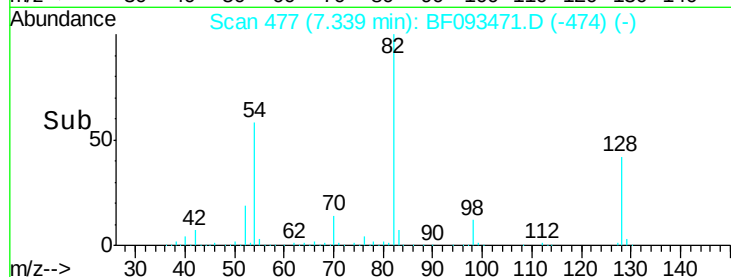
138 0.0 14.6 22.0#



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: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093471.D

Acq: 9 Mar 2017 12:11

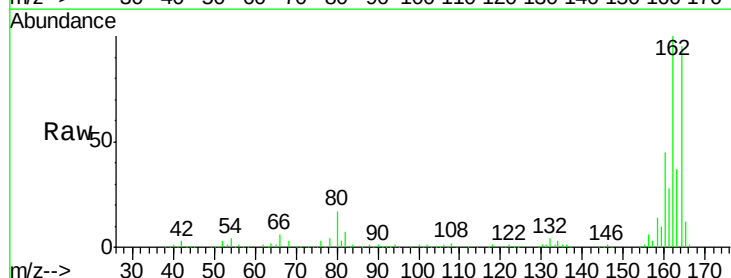
Tgt Ion:164 Resp: 292444

Ion Ratio Lower Upper

164 100

162 105.3 80.2 120.2

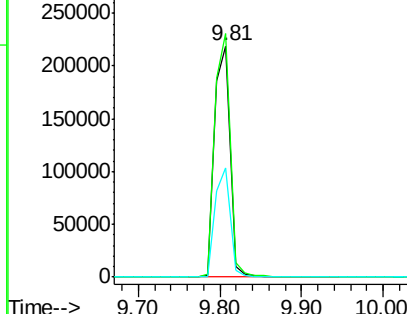
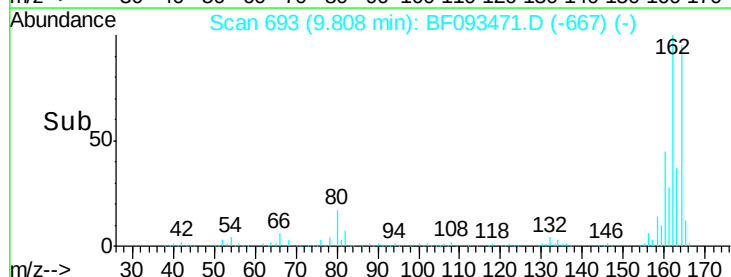
160 47.1 36.9 55.3

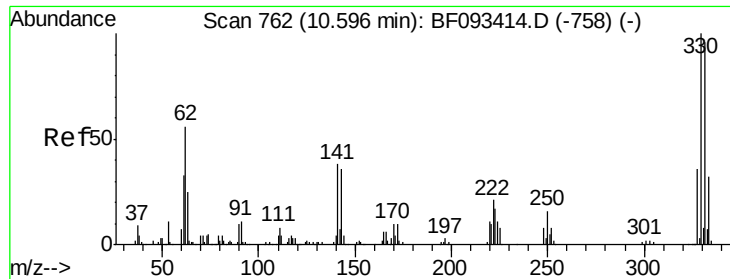


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

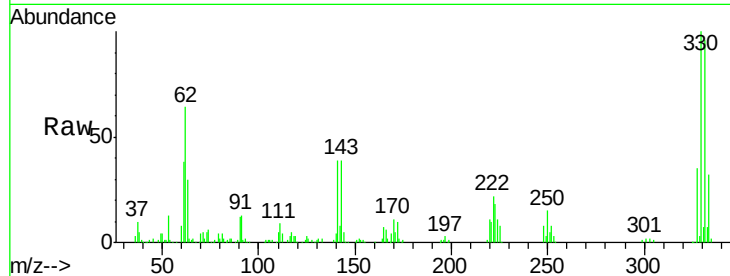




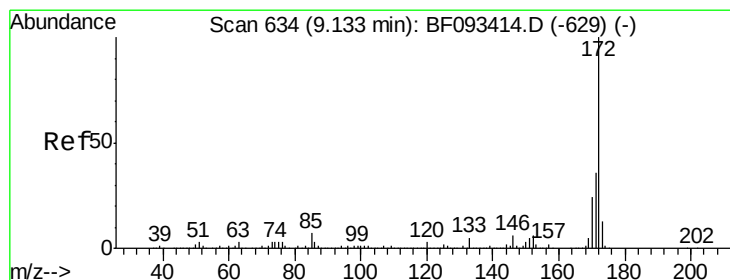
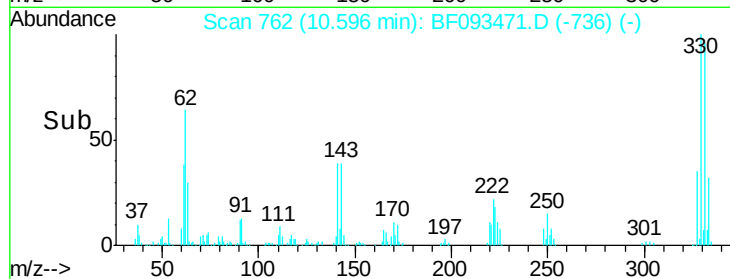
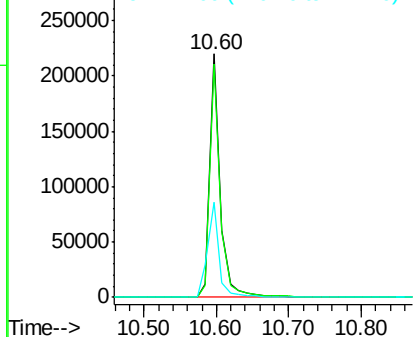
#41
 2,4,6-Tribromophenol
 Concen: 117.53 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093471.D
 Acq: 9 Mar 2017 12:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 223928
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 42.5 34.1 51.1

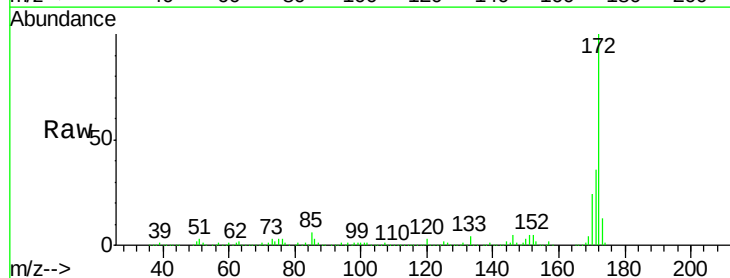


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

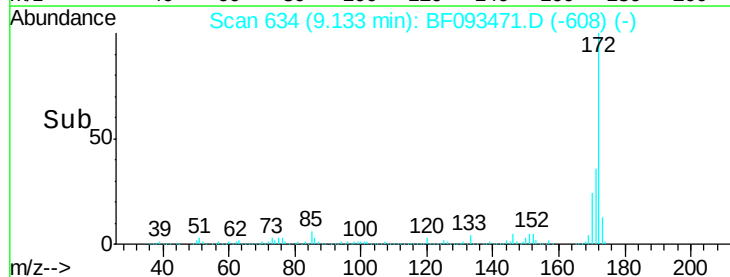
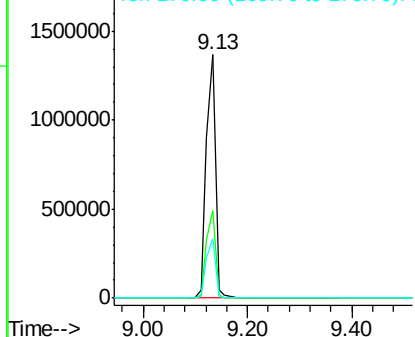


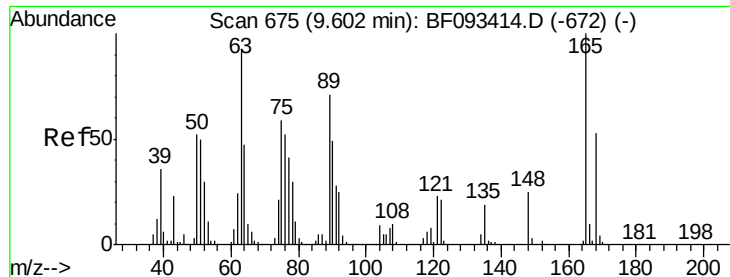
#44
 2-Fluorobiphenyl
 Concen: 105.48 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093471.D
 Acq: 9 Mar 2017 12:11

Tgt Ion:172 Resp: 1658458
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.5 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

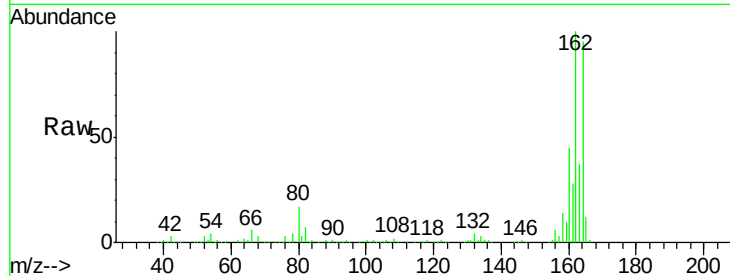




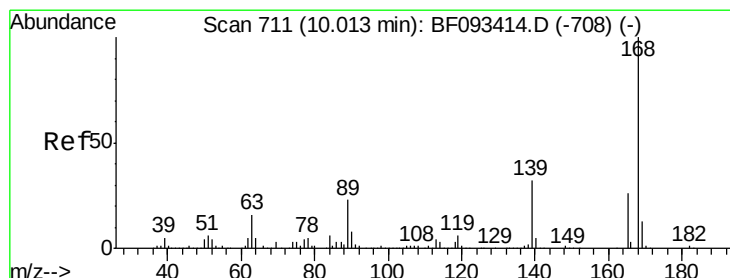
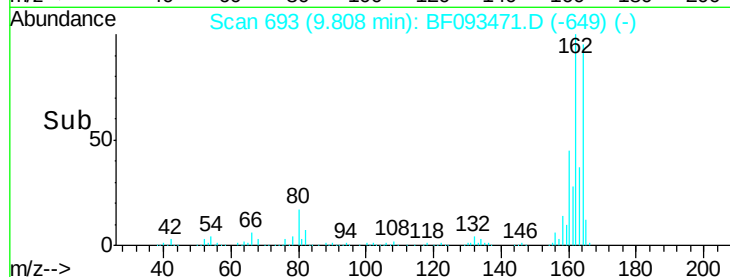
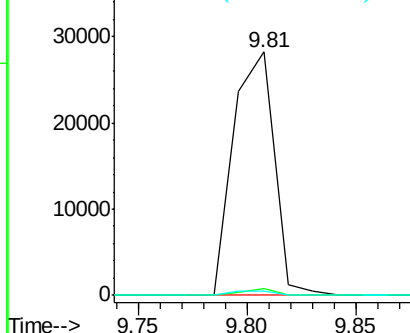
#50
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.21 min
Lab File: BF093471.D
Acq: 9 Mar 2017 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 36752
Ion Ratio Lower Upper
165 100
63 2.6 36.2 54.4#
89 1.9 40.2 60.4#

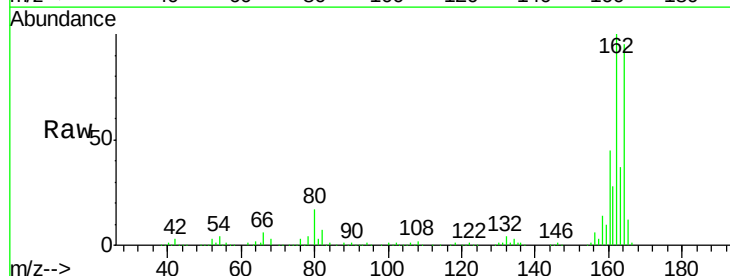


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

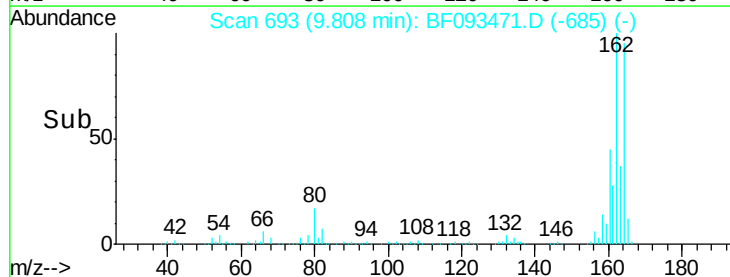
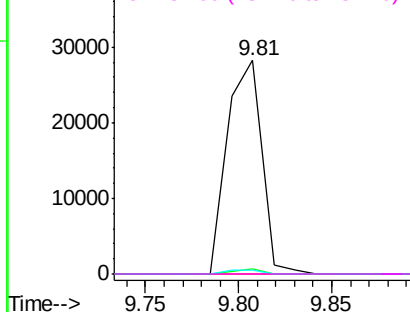


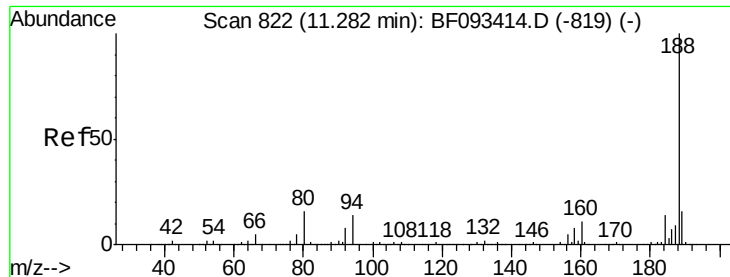
#56
2,4-Dinitrotoluene
Concen: 7.03 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.21 min
Lab File: BF093471.D
Acq: 9 Mar 2017 12:11

Tgt Ion:165 Resp: 36753
Ion Ratio Lower Upper
165 100
63 2.6 40.2 60.4#
89 1.9 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

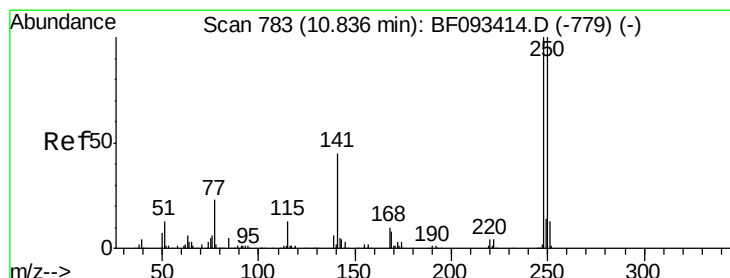
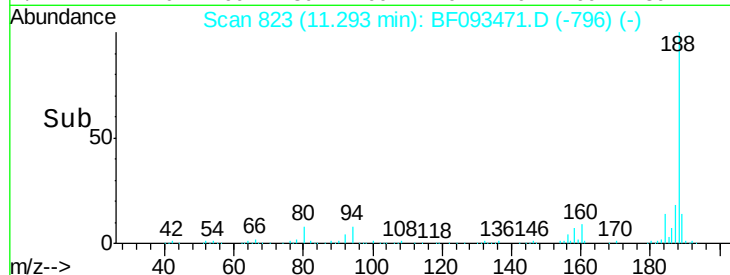
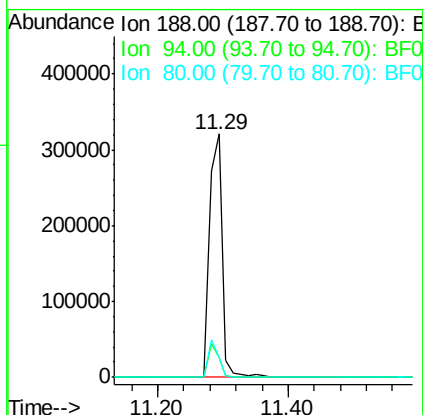
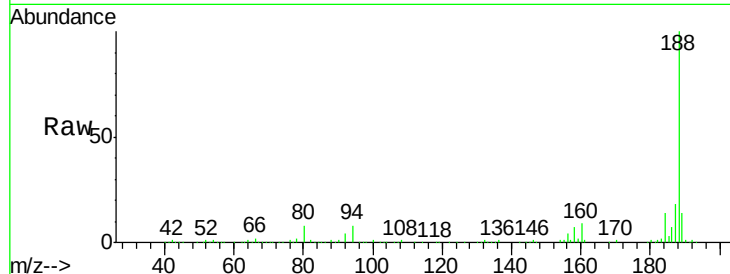




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093471.D
Acq: 9 Mar 2017 12:11

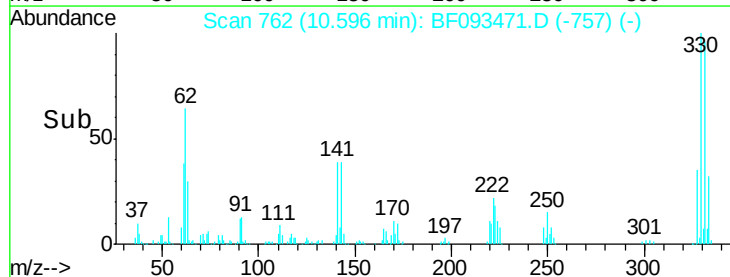
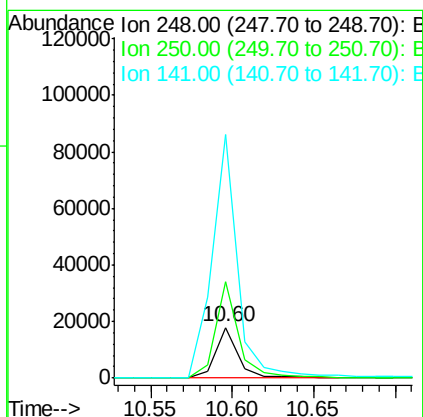
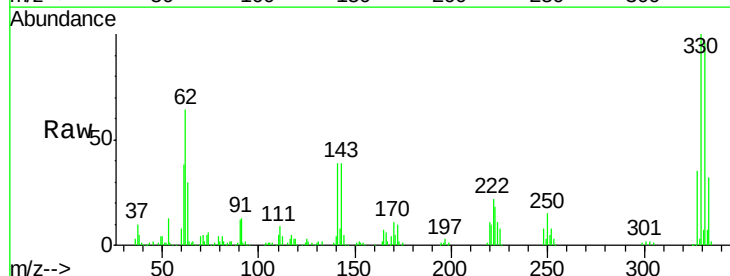
Instrument :
BNA_F
ClientSampleId :

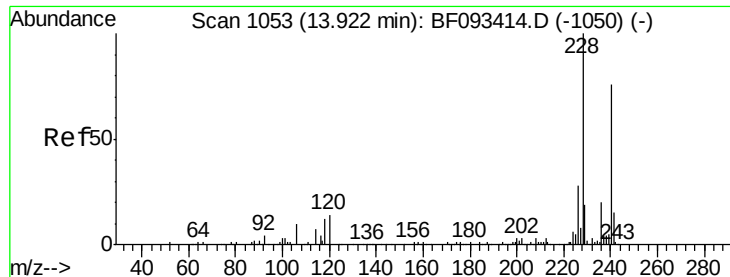
Tot Ion	188	94	80	Ratio	Lower	Upper
188	100					
94		7.9			10.0	15.0#
80			8.1		11.2	16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093471.D
Acq: 9 Mar 2017 12:11

Tgt Ion	248	250	141	Ratio	Lower	Upper
248	100					
250		190.8			76.9	115.3#
141			481.9		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: BF093471.D

Acq: 9 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

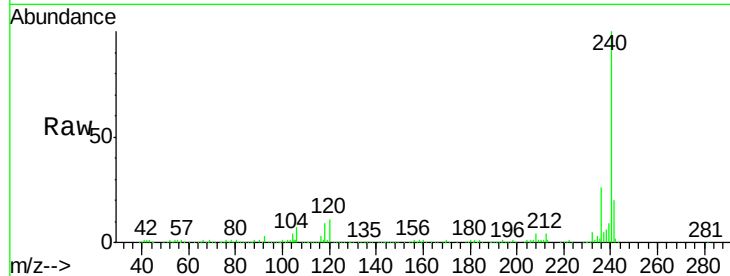
Tot Ion:240 Resp: 383331

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

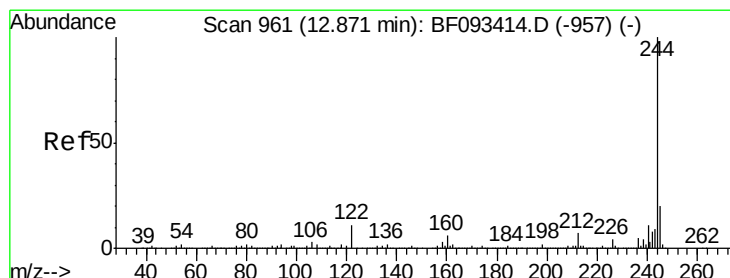
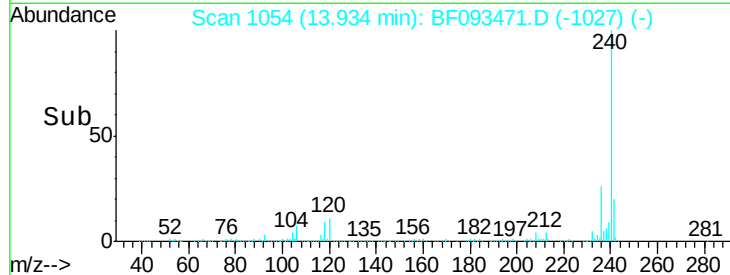
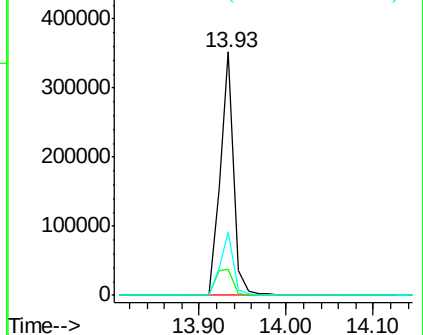
236 26.0 20.9 31.3



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: 67.51 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093471.D

Acq: 9 Mar 2017 12:11

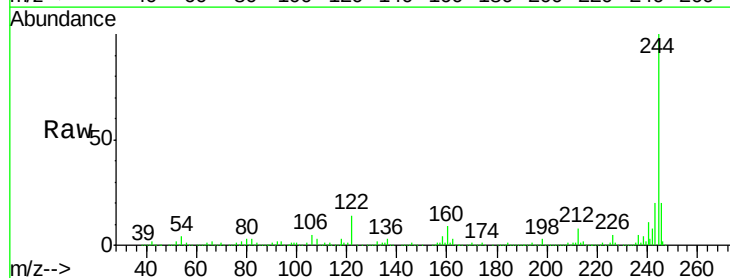
Tgt Ion:244 Resp: 995400

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

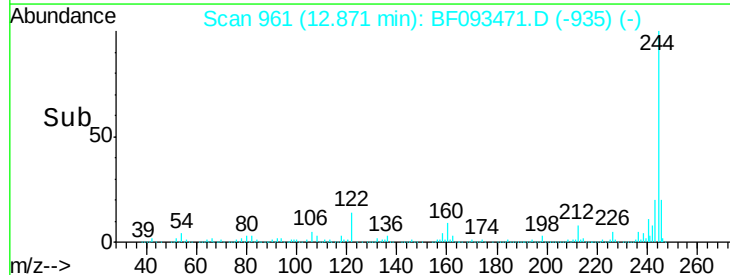
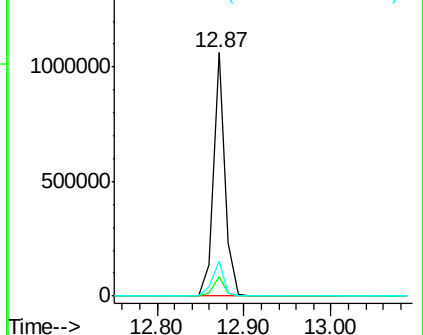
122 14.4 11.4 17.2

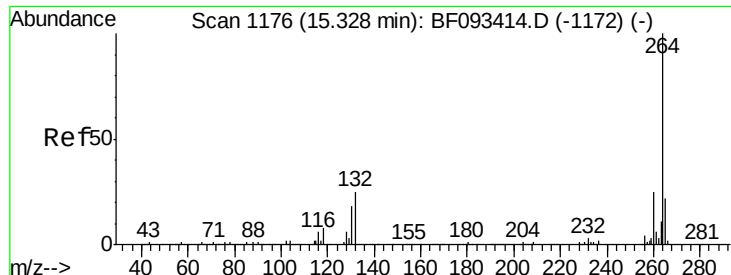


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

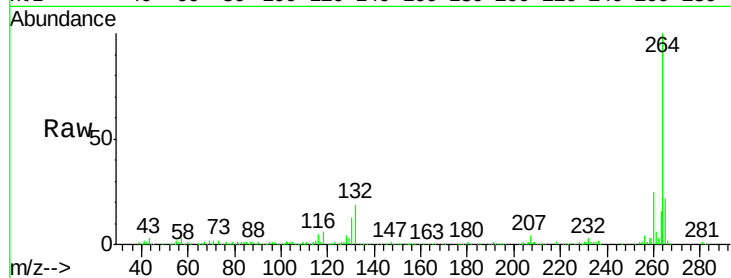




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093471.D
 Acq: 9 Mar 2017 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.9	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

