

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093465.D
 Acq On : 9 Mar 2017 9:27
 Operator : SJ/MA
 Sample : I2127-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 10:08:22 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

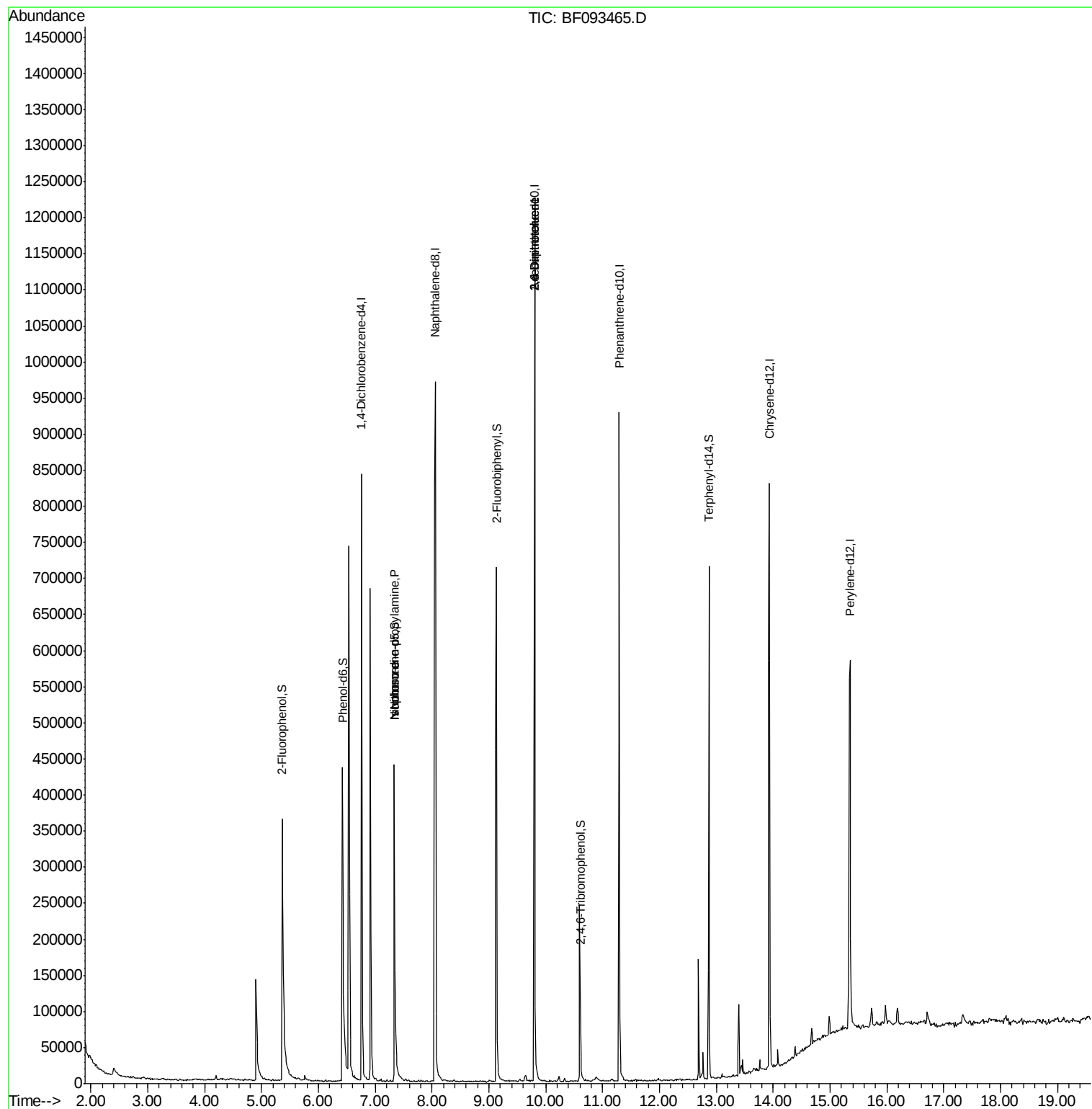
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	171754	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	652505	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	277685	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	416926	20.00	ng	0.01
75) Chrysene-d12	13.93	240	371816	20.00	ng	0.01
86) Perylene-d12	15.35	264	279477	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	214194	20.76	ng	0.01
7) Phenol-d6	6.42	99	263582	20.25	ng	0.01
23) Nitrobenzene-d5	7.34	82	186845	15.89	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	29940	16.55	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	308157	20.64	ng	0.00
78) Terphenyl-d14	12.87	244	208773	14.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	213	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	24043	2.69 ng	#	77
25) Isophorone	7.34	82	179838	7.58 ng	#	65
50) 2,6-Dinitrotoluene	9.81	165	35068	8.68 ng	#	31
56) 2,4-Dinitrotoluene	9.81	165	35324	7.12 ng	#	20

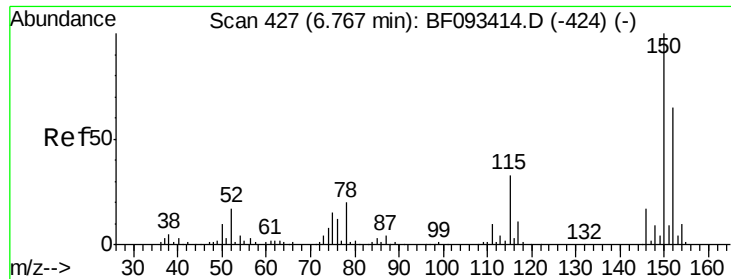
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093465.D

Acq: 9 Mar 2017 9:27

Instrument :

BNA_F

ClientSampled :

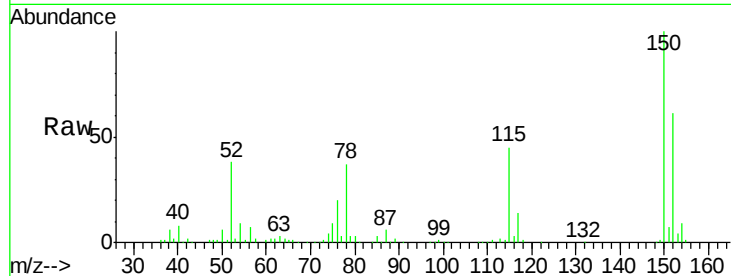
Tot Ion:152 Resp: 171754

Ion Ratio Lower Upper

152 100

150 162.7 124.9 187.3

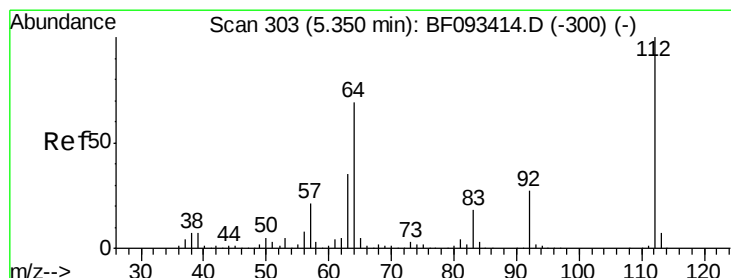
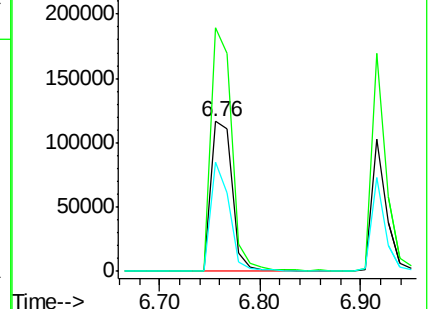
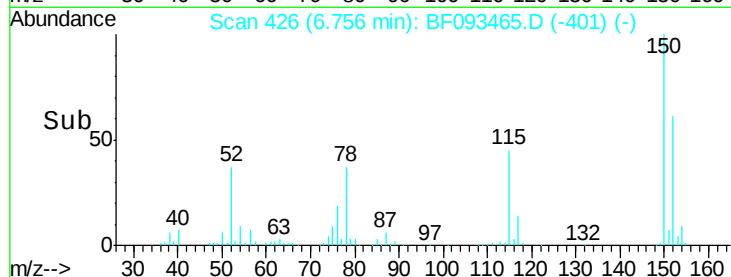
115 72.6 46.0 69.0#



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: 20.76 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093465.D

Acq: 9 Mar 2017 9:27

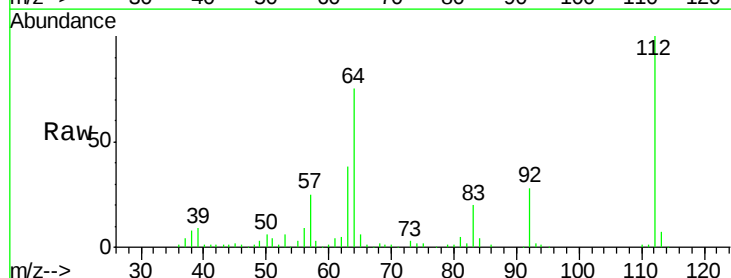
Tgt Ion:112 Resp: 214194

Ion Ratio Lower Upper

112 100

64 75.0 46.1 69.1#

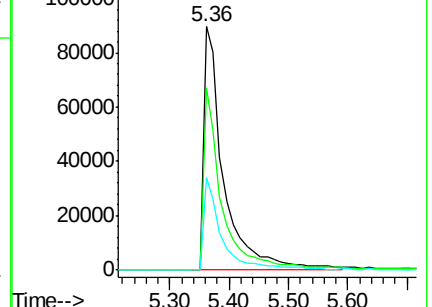
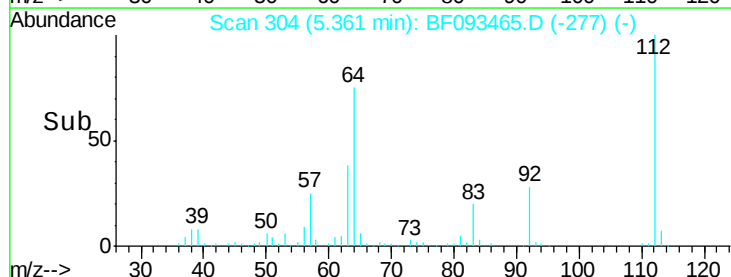
63 38.3 23.8 35.6#

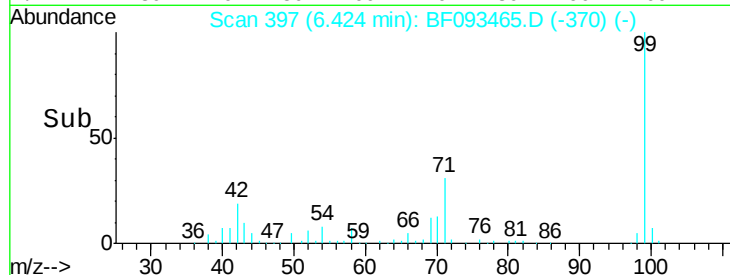
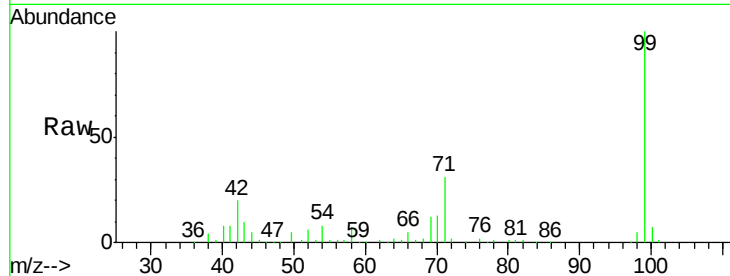
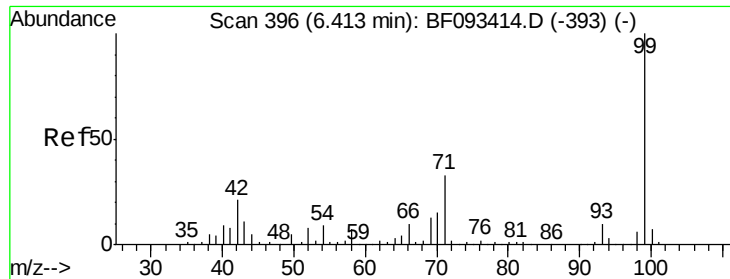


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.25 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093465.D

Acq: 9 Mar 2017 9:27

Instrument :

BNA_F

ClientSampleId :

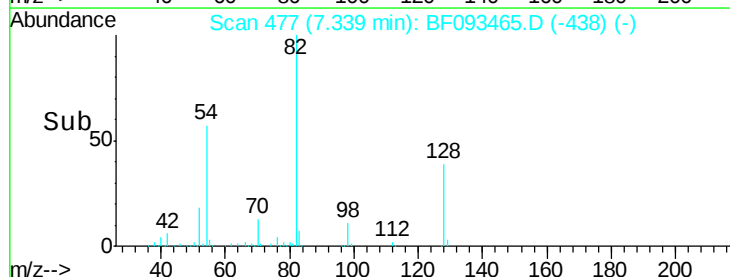
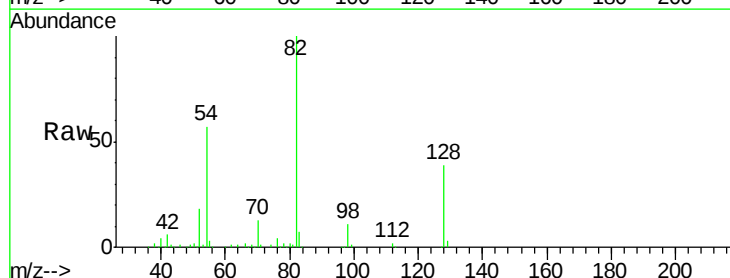
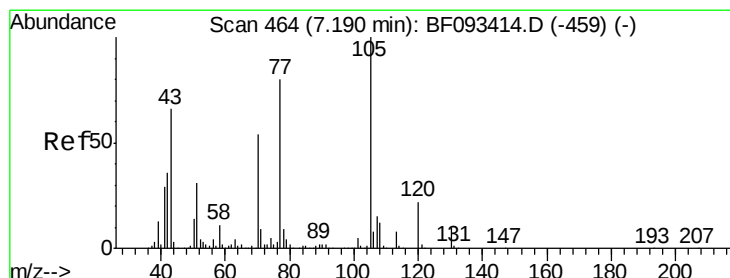
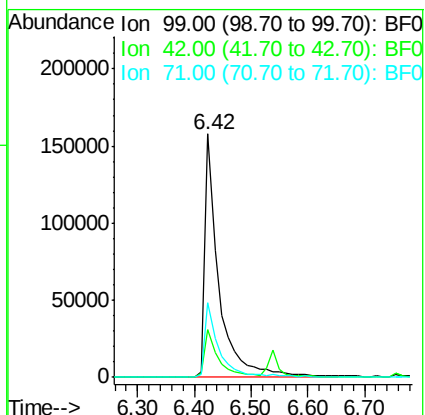
Tot Ion: 99 Resp: 263582

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 30.7 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.69 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093465.D

Acq: 9 Mar 2017 9:27

Tgt Ion: 70 Resp: 24043

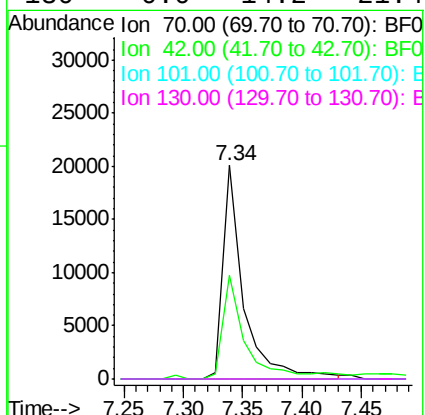
Ion Ratio Lower Upper

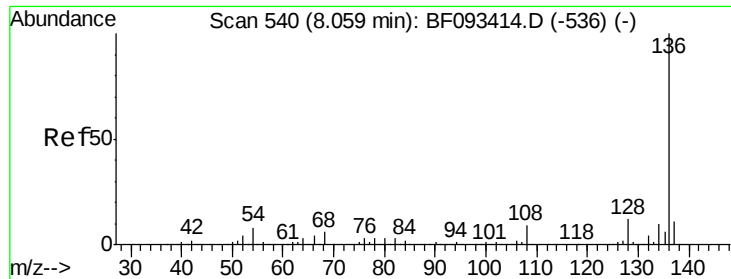
70 100

42 48.3 49.4 74.0#

101 0.0 7.4 11.2#

130 0.0 14.2 21.4#

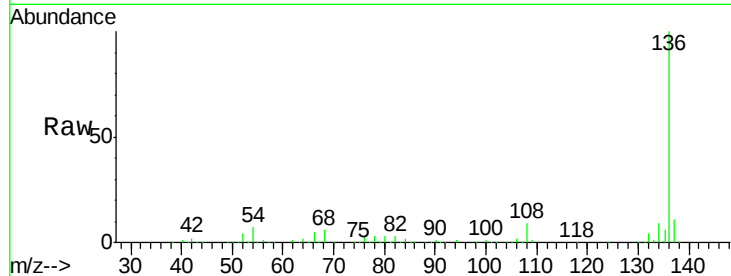




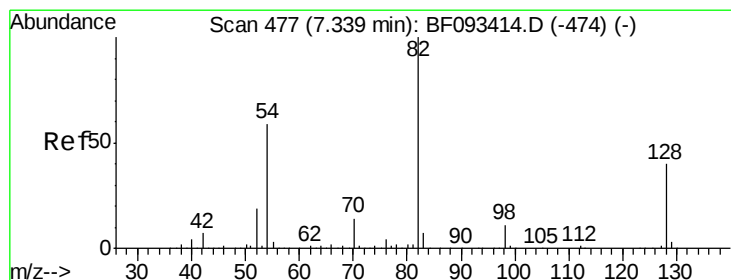
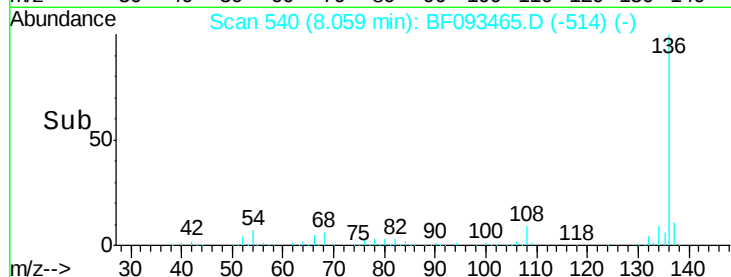
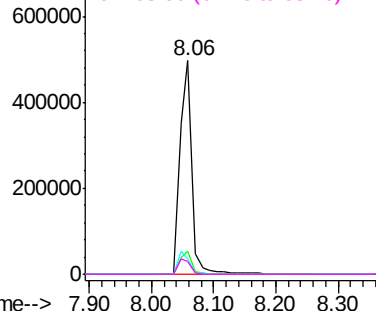
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093465.D
Acq: 9 Mar 2017 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	652505
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.4 12.6
54	7.5	4.5 6.7#
68	5.8	3.6 5.4#

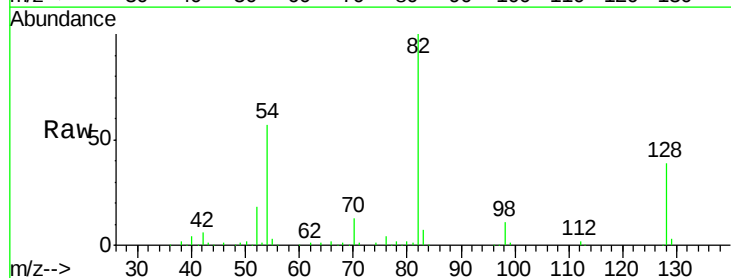


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

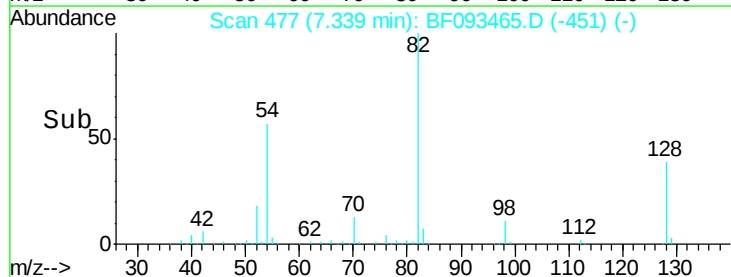
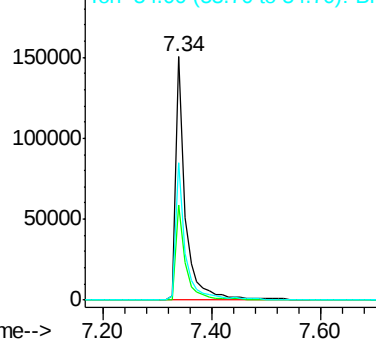


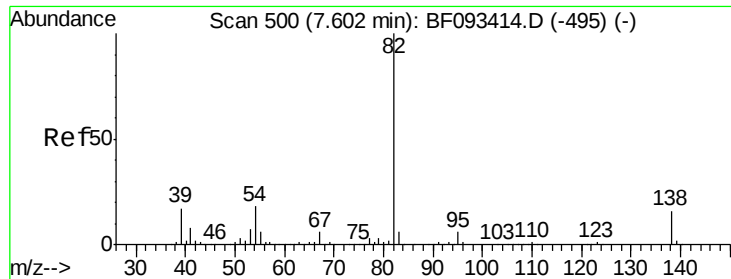
#23
Nitrobenzene-d5
Concen: 15.89 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093465.D
Acq: 9 Mar 2017 9:27

Tgt Ion: 82	Resp:	186845
Ion Ratio	Lower	Upper
82	100	
128	38.9	34.6 52.0
54	56.7	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: 7.58 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093465.D

Acq: 9 Mar 2017 9:27

Instrument :

BNA_F

ClientSampled :

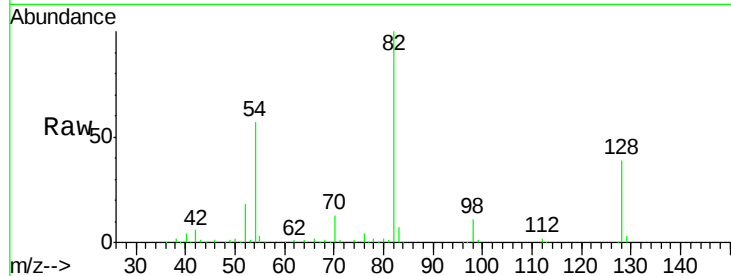
Tot Ion: 82 Resp: 179838

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

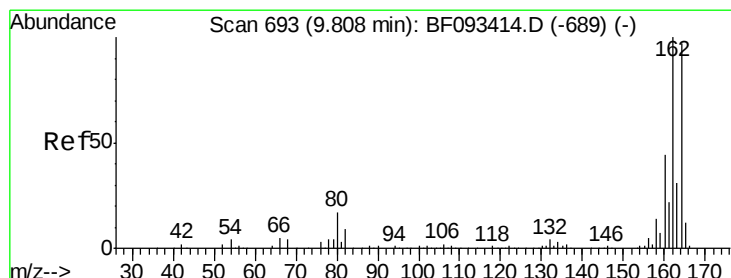
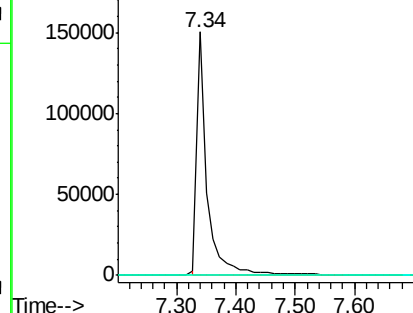
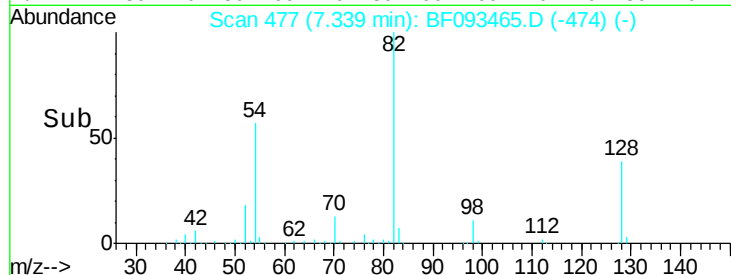
138 0.0 14.6 22.0#



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: BF093465.D

Acq: 9 Mar 2017 9:27

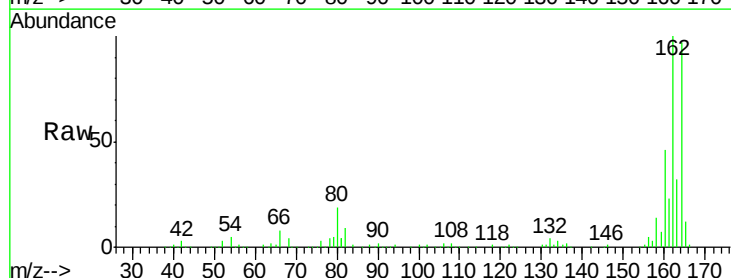
Tgt Ion: 164 Resp: 277685

Ion Ratio Lower Upper

164 100

162 103.4 80.2 120.2

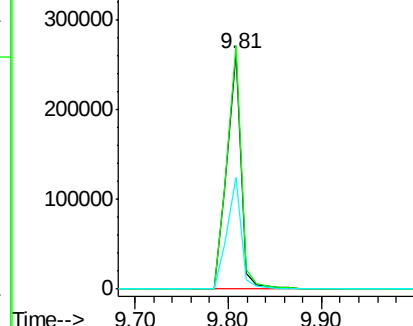
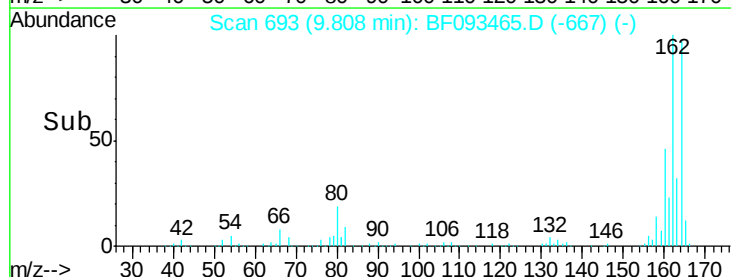
160 47.4 36.9 55.3

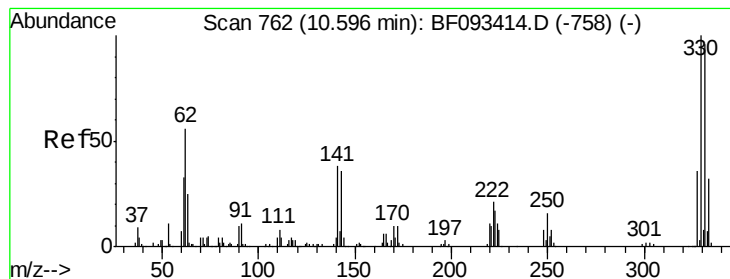


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 16.55 ng

RT: 10.61 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF093465.D

Acq: 9 Mar 2017 9:27

Instrument :

BNA_F

ClientSampled :

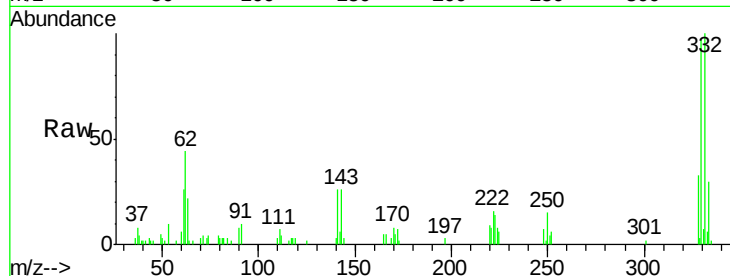
Tot Ion:330 Resp: 29940

Ion Ratio Lower Upper

330 100

332 99.3 77.4 116.2

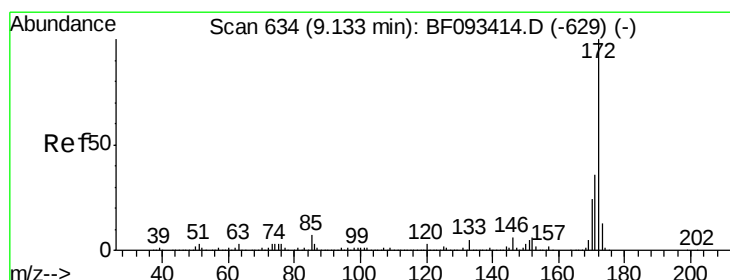
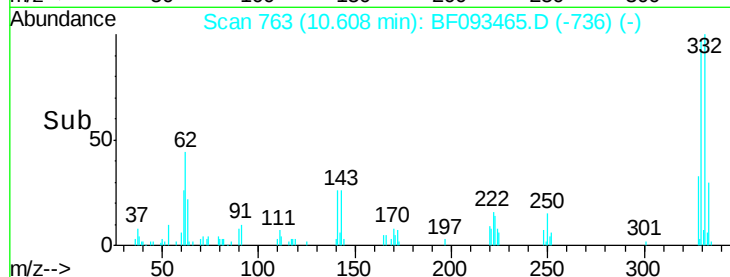
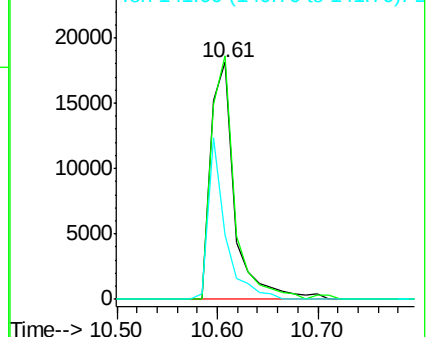
141 49.3 34.1 51.1



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: 20.64 ng

RT: 9.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF093465.D

Acq: 9 Mar 2017 9:27

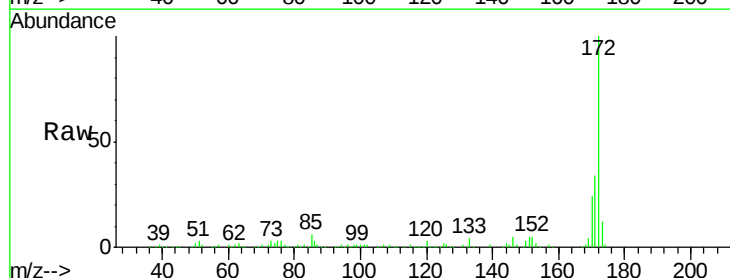
Tgt Ion:172 Resp: 308157

Ion Ratio Lower Upper

172 100

171 34.1 29.4 44.0

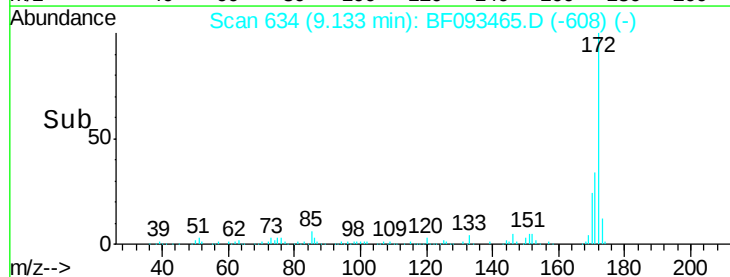
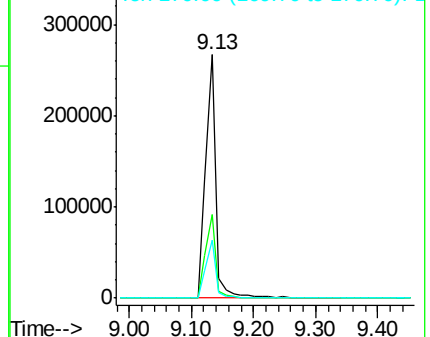
170 24.1 20.2 30.4

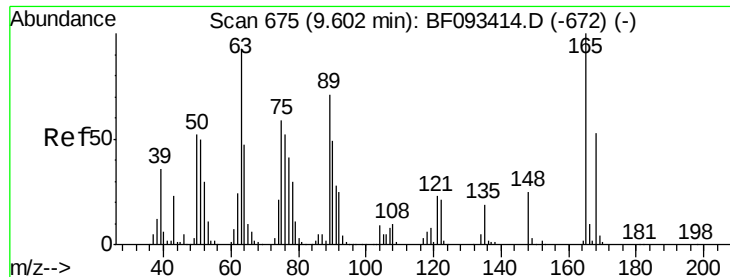


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

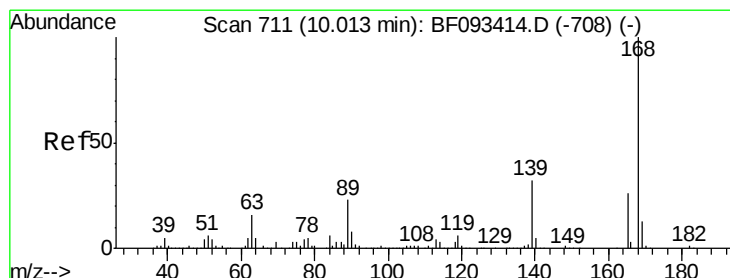
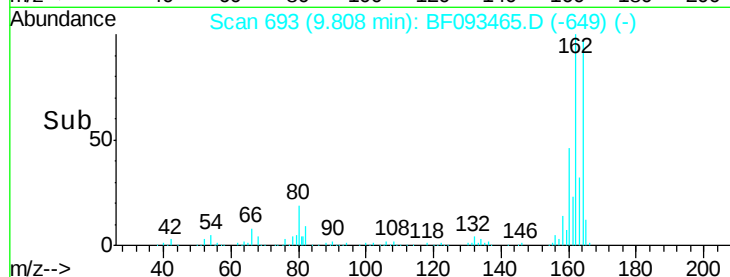
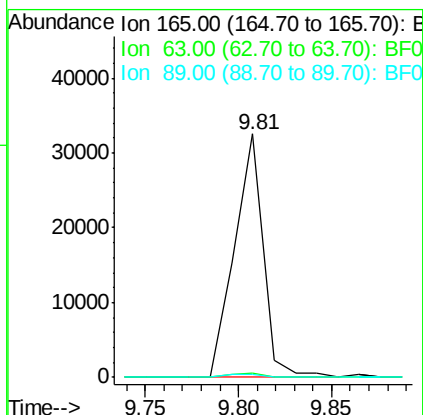
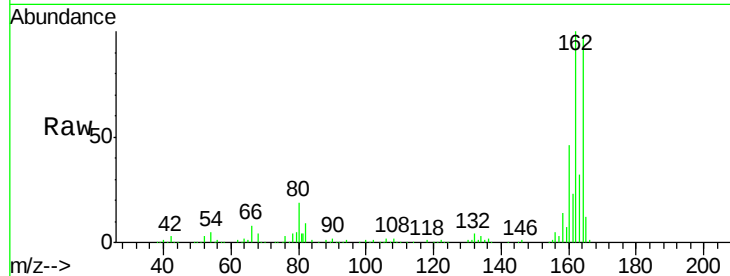




#50
 2,6-Dinitrotoluene
 Concen: 8.68 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.21 min
 Lab File: BF093465.D
 Acq: 9 Mar 2017 9:27

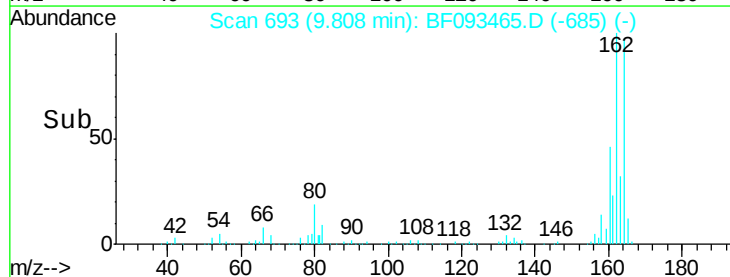
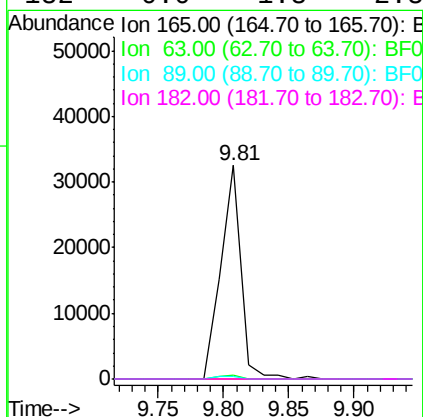
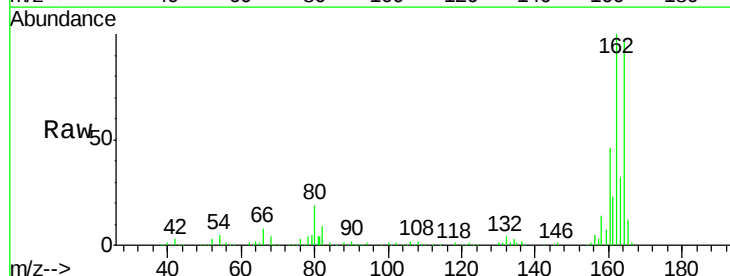
Instrument :
 BNA_F
 ClientSampleId :

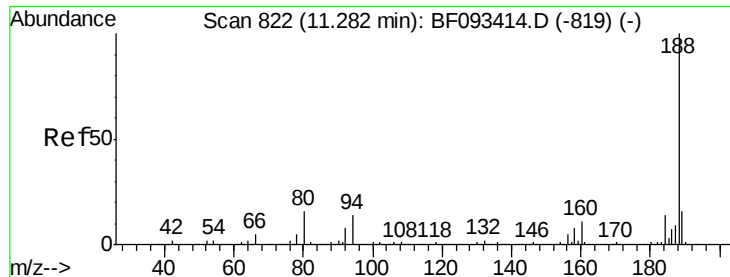
Tot Ion:165 Resp: 35068
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.2 54.4#
 89 1.3 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.21 min
 Lab File: BF093465.D
 Acq: 9 Mar 2017 9:27

Tgt Ion:165 Resp: 35324
 Ion Ratio Lower Upper
 165 100
 63 1.7 40.2 60.4#
 89 1.3 62.5 93.7#
 182 0.0 1.8 2.8#

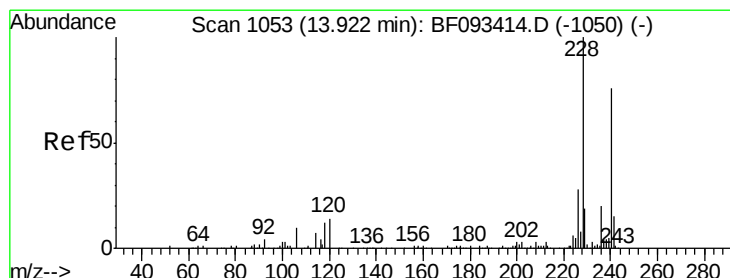
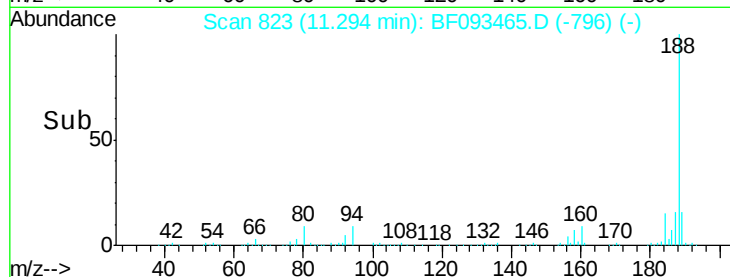
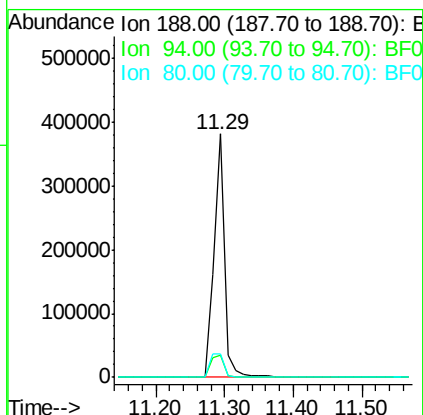
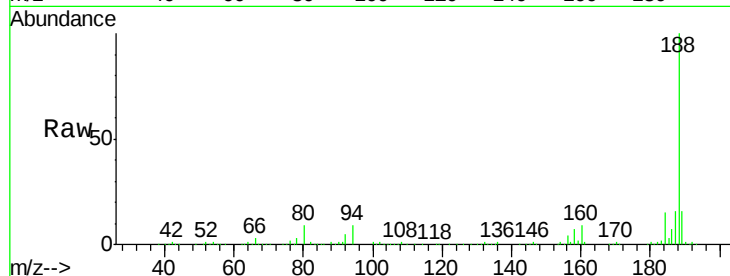




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093465.D
Acq: 9 Mar 2017 9:27

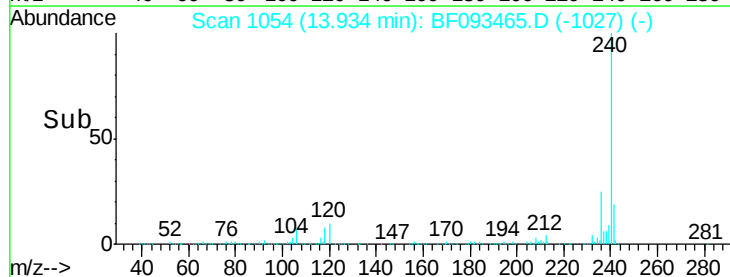
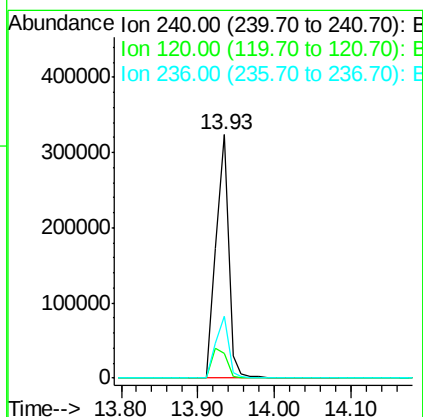
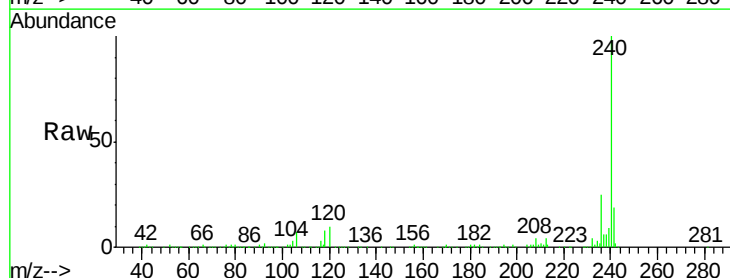
Instrument :
BNA_F
ClientSampled :

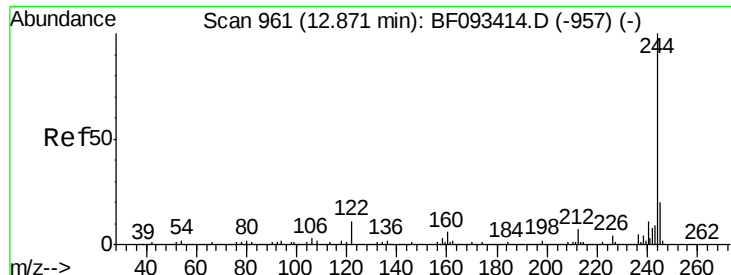
Tot Ion:188 Resp: 416926
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.4 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093465.D
Acq: 9 Mar 2017 9:27

Tgt Ion:240 Resp: 371816
Ion Ratio Lower Upper
240 100
120 10.0 12.9 19.3#
236 25.4 20.9 31.3

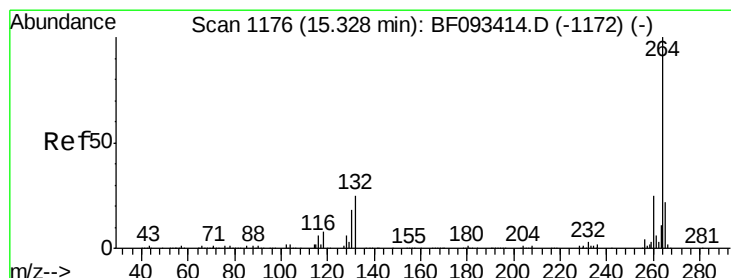
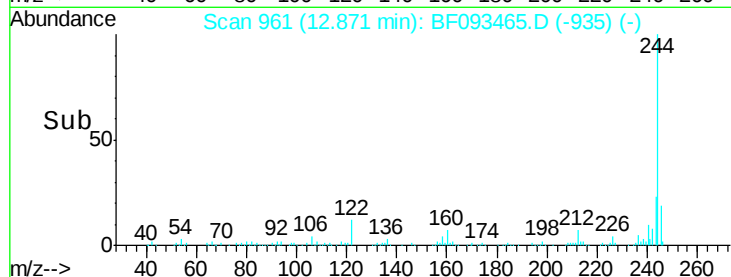
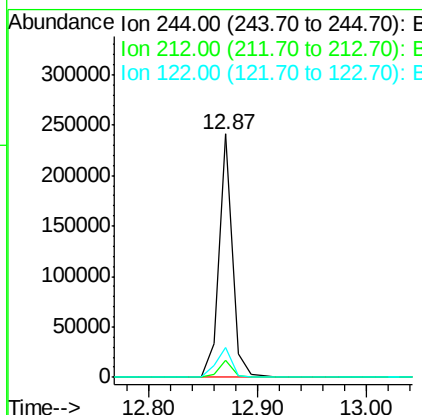
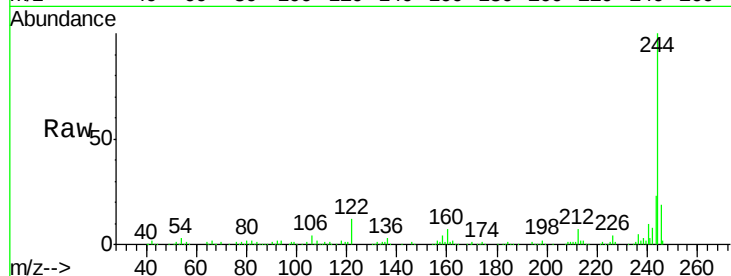




#78
 Terphenyl-d14
 Concen: 14.60 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093465.D
 Acq: 9 Mar 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 208773
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 12.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093465.D
 Acq: 9 Mar 2017 9:27

Tgt Ion:264 Resp: 279477
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 20.6 17.4 26.0

