

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093661.D
 Acq On : 14 Mar 2017 16:21
 Operator : SJ/MA
 Sample : I2174-23RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 15 02:34:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

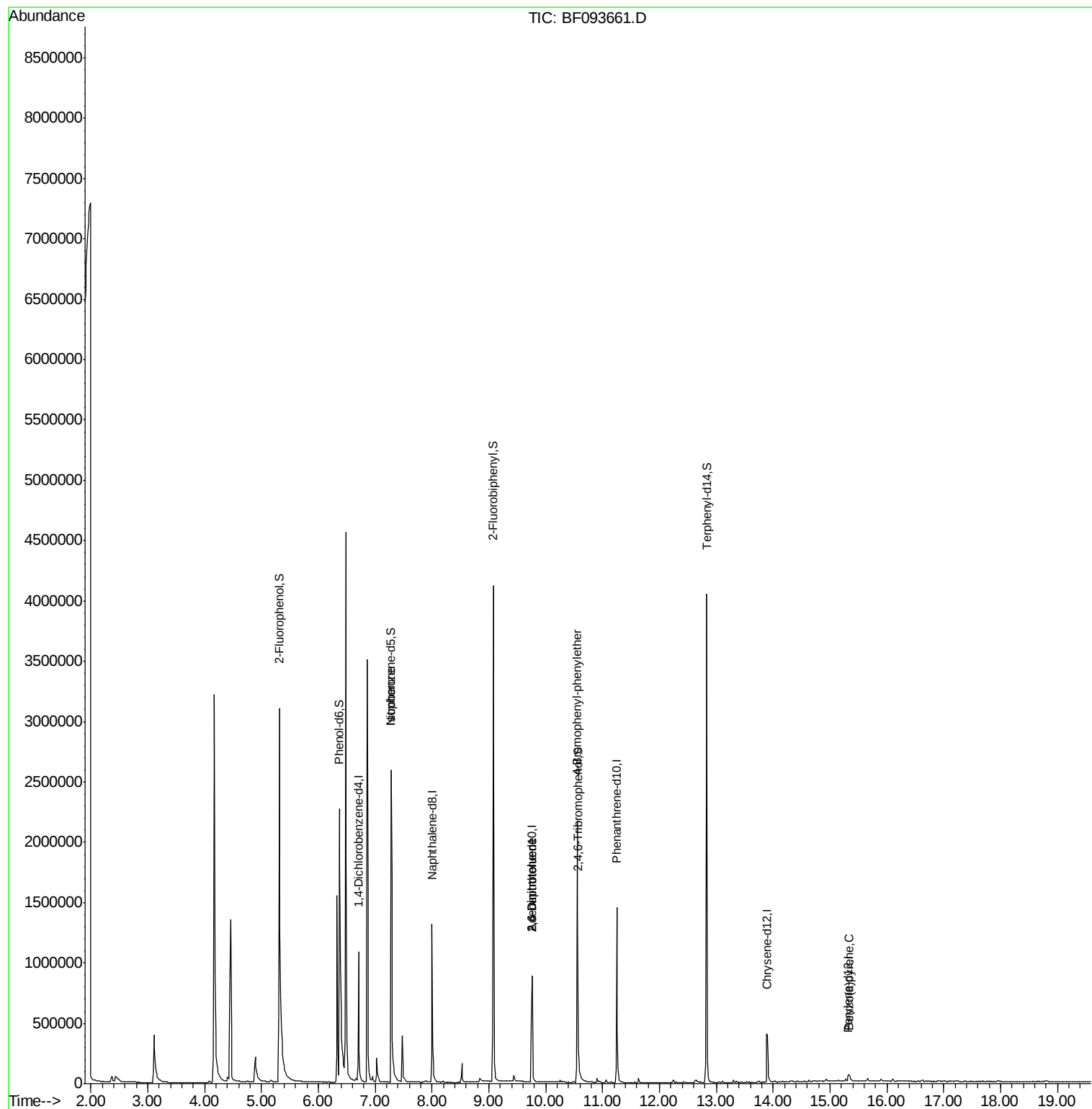
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	172195	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	665801	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	195528	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	535185	20.00	ng	0.00
75) Chrysene-d12	13.89	240	165925	20.00	ng	0.00
86) Perylene-d12	15.32	264	5657	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1406877	135.98	ng	0.00
7) Phenol-d6	6.37	99	1461202	112.00	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1206047	100.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	336364	264.04	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1759285	167.36	ng	-0.01
78) Terphenyl-d14	12.84	244	1419907	222.49	ng	0.01
Target Compounds						
9) Benzaldehyde	6.38	77	3545	Below Cal	#	53
25) Isophorone	7.28	82	1196669	49.45	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	24952	8.77	ng	# 35
56) 2,4-Dinitrotoluene	9.76	165	24954	7.14	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	24560	4.34	ng	# 1
89) Benzo(a)pyrene	15.34	252	949	3.01	ng	# 1

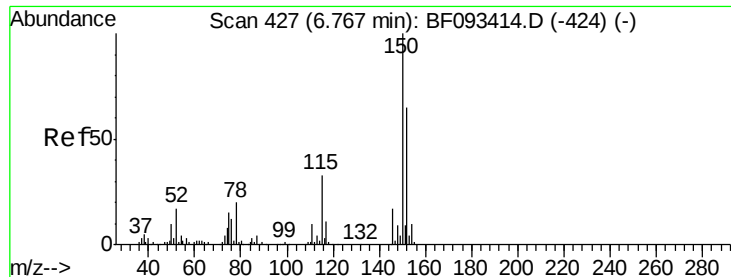
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093661.D

Acq: 14 Mar 2017 16:21

Instrument :

BNA_M

ClientSampleId :

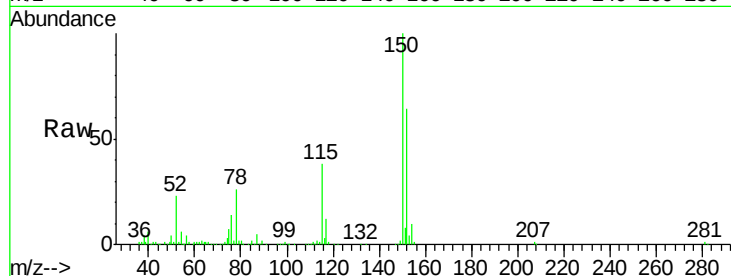
Tot Ion:152 Resp: 172195

Ion Ratio Lower Upper

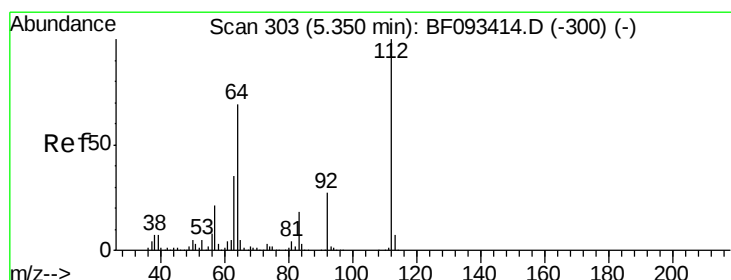
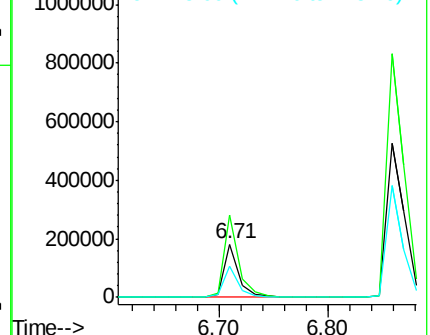
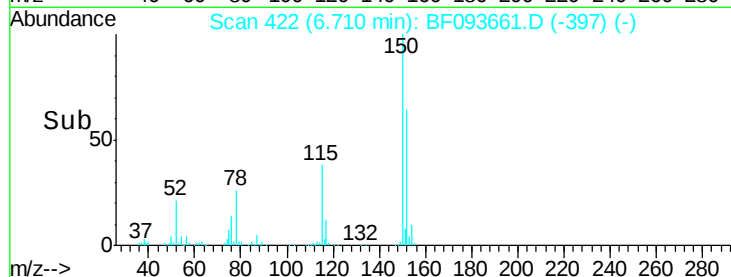
152 100

150 156.1 124.9 187.3

115 59.3 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: 135.98 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093661.D

Acq: 14 Mar 2017 16:21

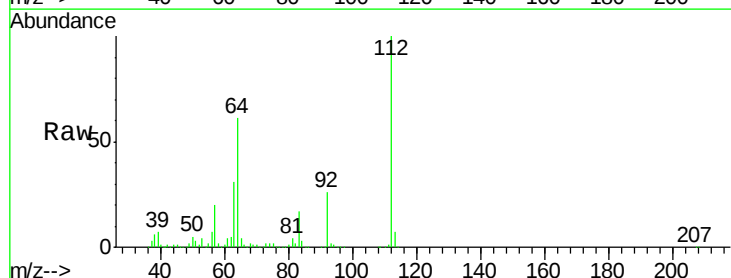
Tgt Ion:112 Resp: 1406877

Ion Ratio Lower Upper

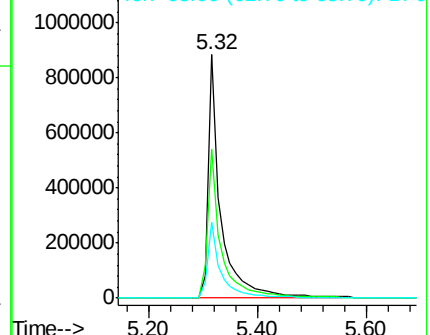
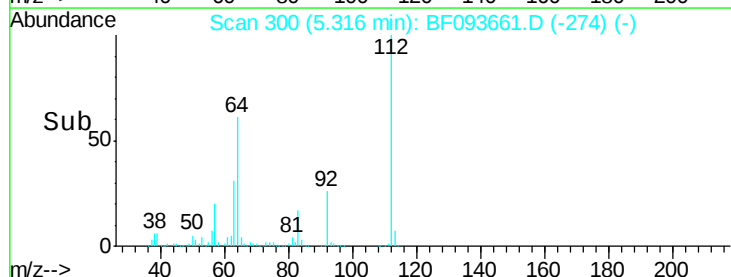
112 100

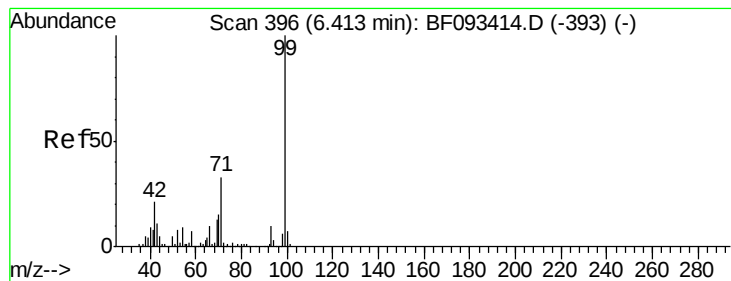
64 61.0 46.1 69.1

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: 112.00 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093661.D

Acq: 14 Mar 2017 16:21

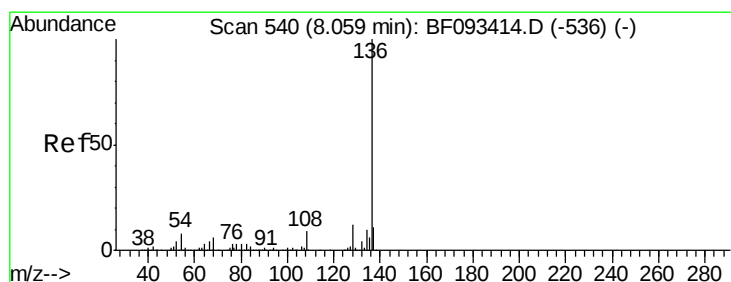
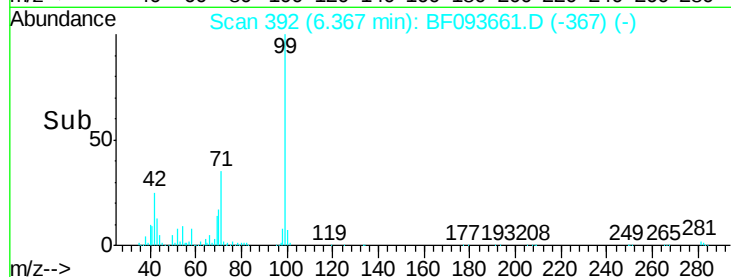
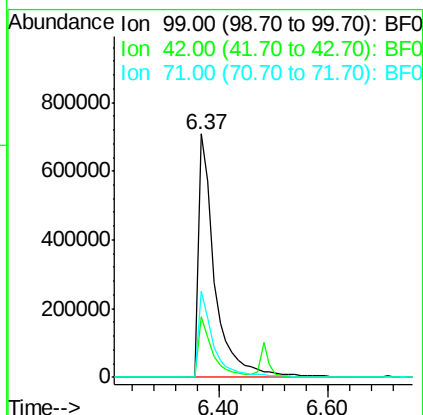
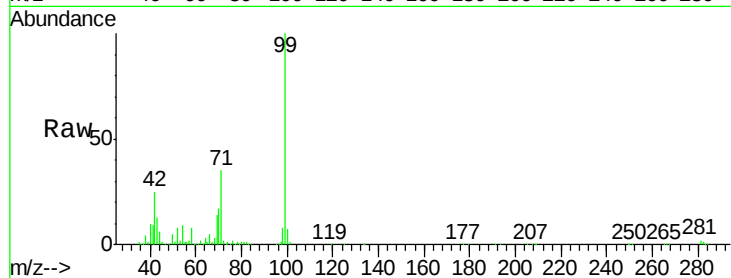
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1461202

Ion	Ratio	Lower	Upper
99	100		
42	24.8	15.6	23.4#
71	35.2	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

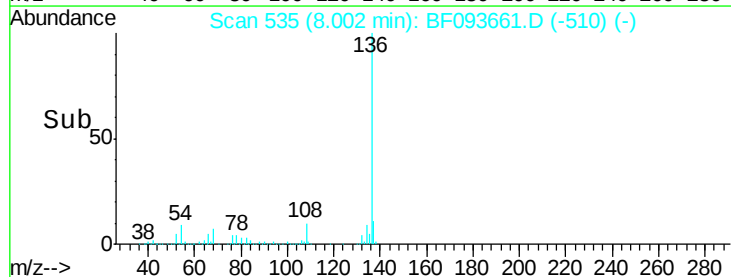
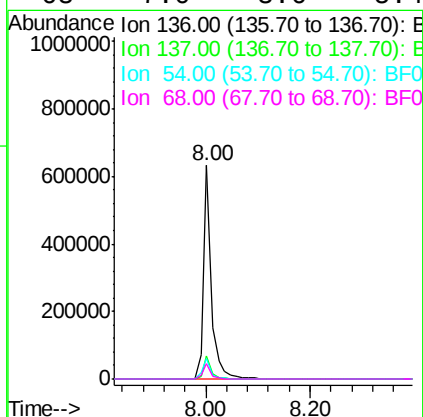
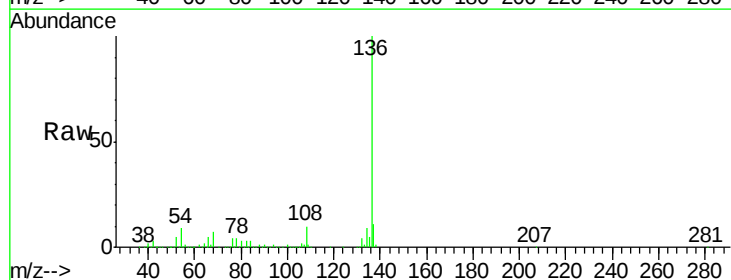
Delta R.T. -0.01 min

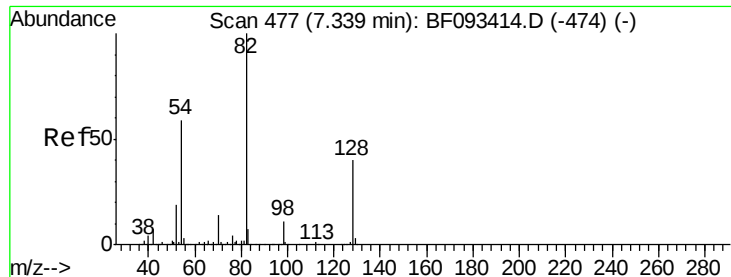
Lab File: BF093661.D

Acq: 14 Mar 2017 16:21

Tgt Ion: 136 Resp: 665801

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.5	4.5	6.7#
68	7.0	3.6	5.4#

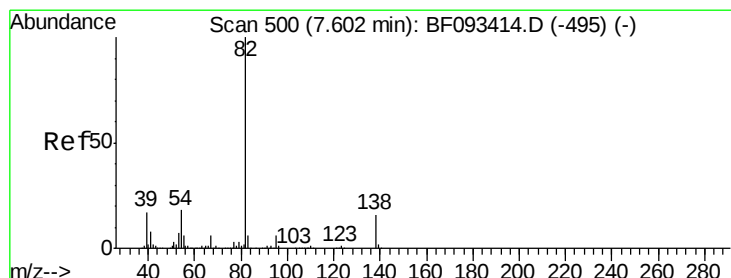
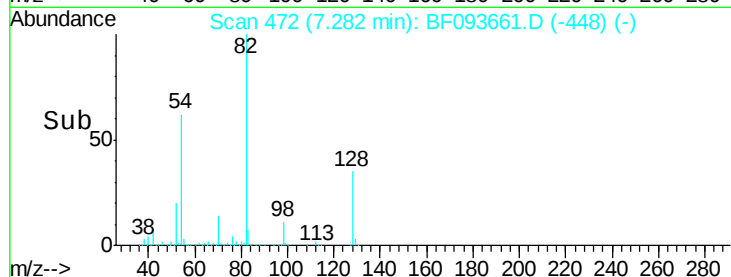
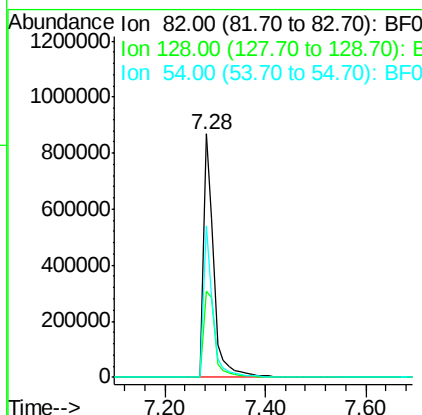
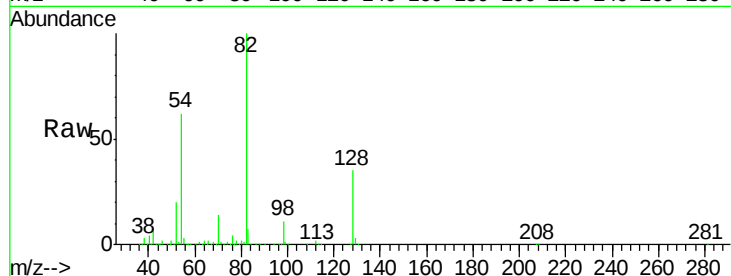




#23
 Nitrobenzene-d5
 Concen: 100.51 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093661.D
 Acq: 14 Mar 2017 16:21

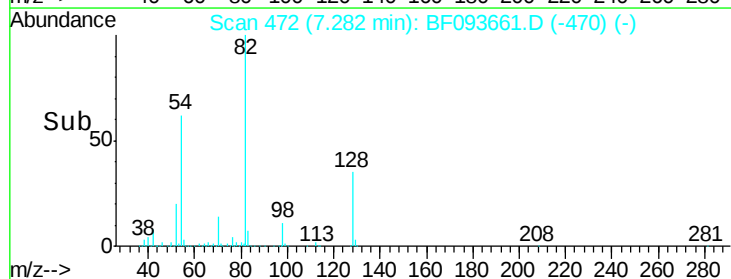
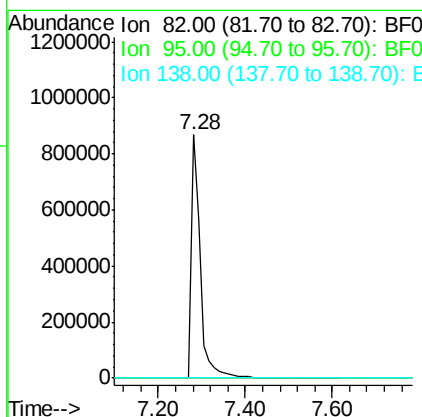
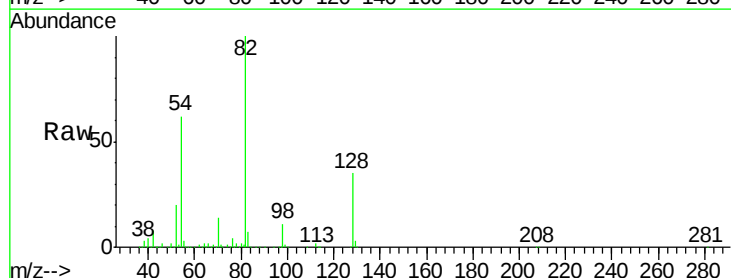
Instrument :
 BNA_M
 ClientSampled :

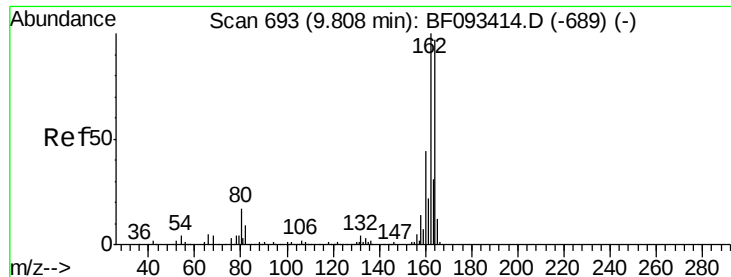
Tot Ion: 82 Resp: 1206047
 Ion Ratio Lower Upper
 82 100
 128 35.3 34.6 52.0
 54 62.2 39.5 59.3#



#25
 Isophorone
 Concen: 49.45 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093661.D
 Acq: 14 Mar 2017 16:21

Tgt Ion: 82 Resp: 1196669
 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: 9.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF093661.D

Acq: 14 Mar 2017 16:21

Instrument :

BNA_M

ClientSampleId :

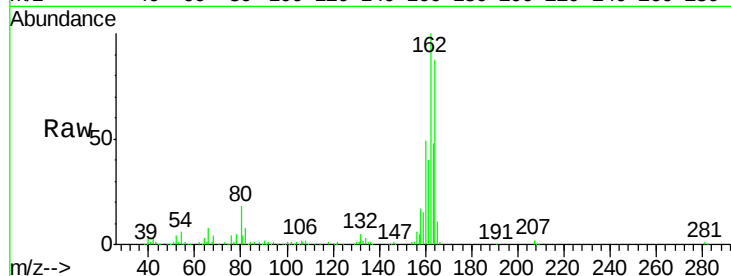
Tot Ion:164 Resp: 195528

Ion Ratio Lower Upper

164 100

162 114.3 80.2 120.2

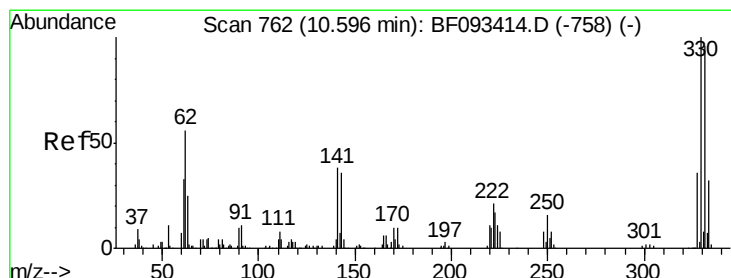
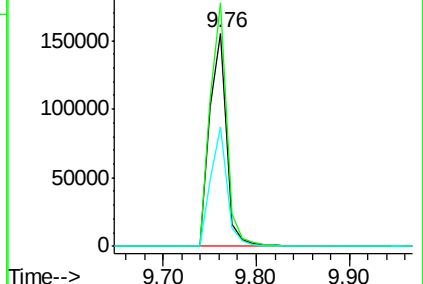
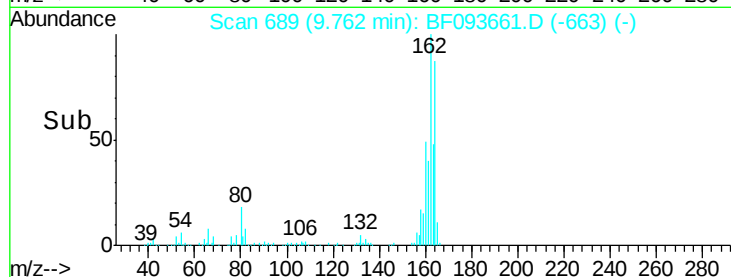
160 55.9 36.9 55.3#



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: 264.04 ng

RT: 10.56 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF093661.D

Acq: 14 Mar 2017 16:21

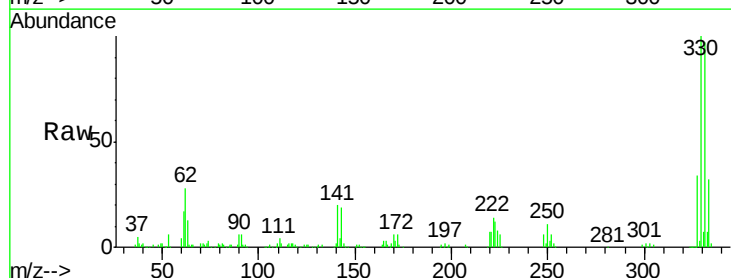
Tgt Ion:330 Resp: 336364

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

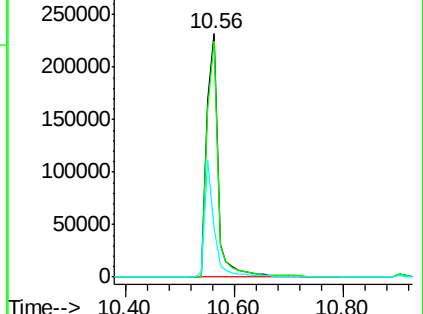
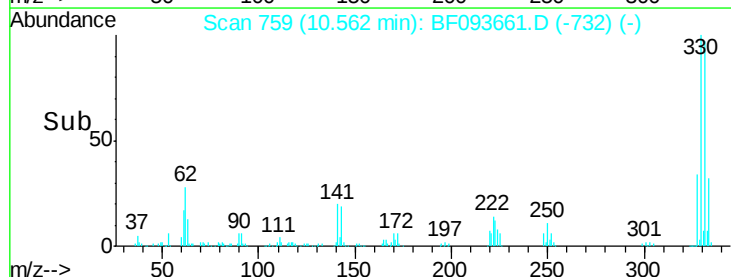
141 40.8 34.1 51.1

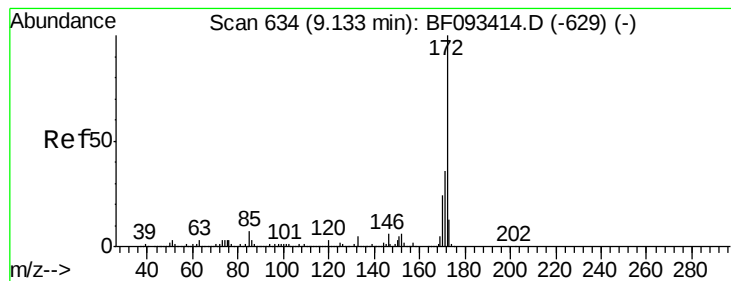


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

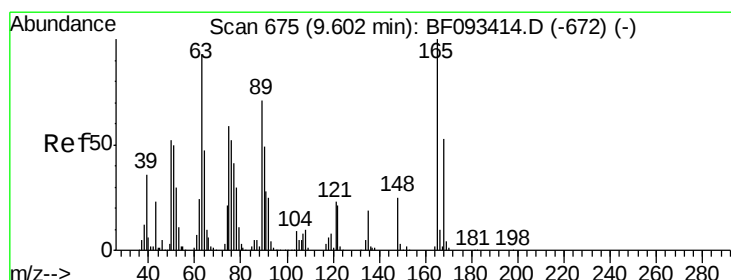
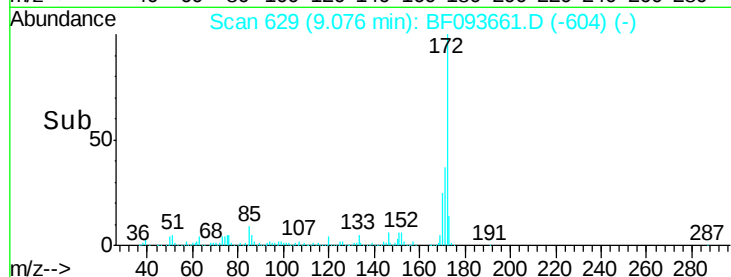
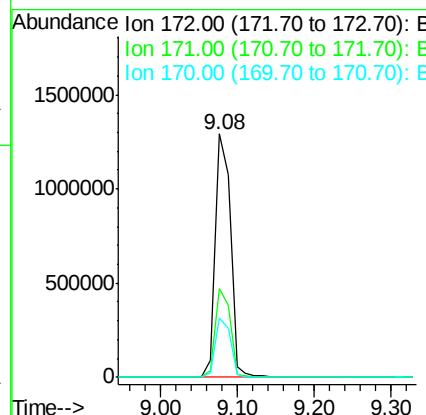
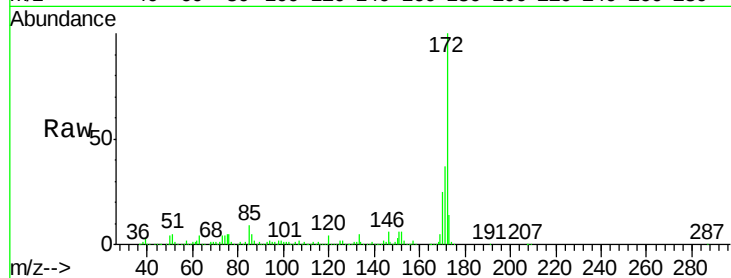




#44
 2-Fluorobiphenyl
 Concen: 167.36 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093661.D
 Acq: 14 Mar 2017 16:21

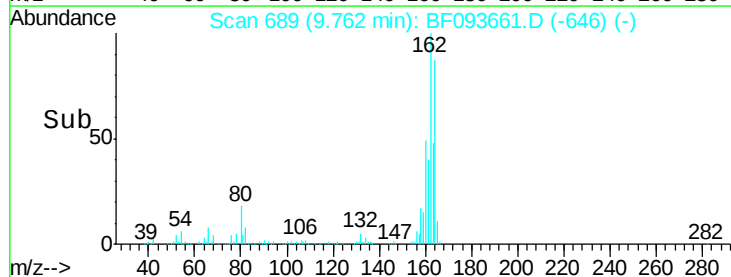
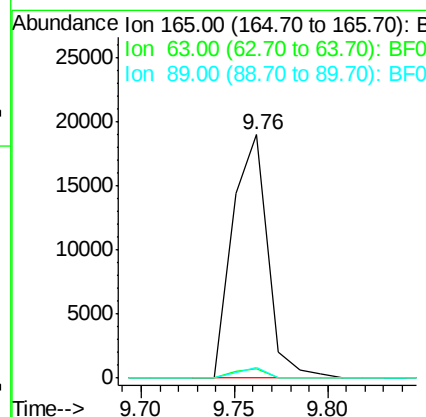
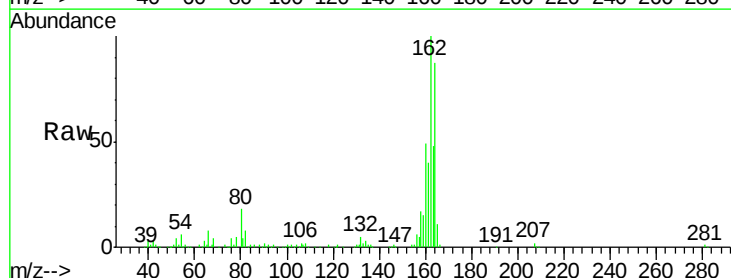
Instrument :
 BNA_M
 ClientSampleId :

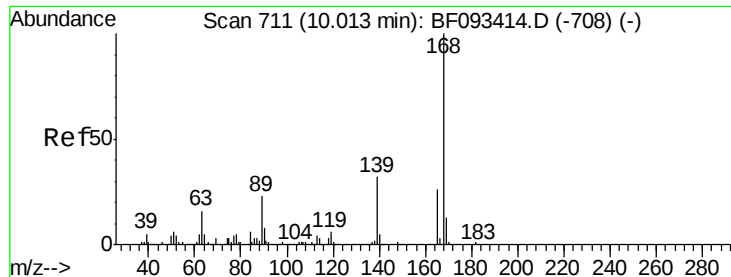
Tot Ion:172 Resp: 1759285
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.6 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 8.77 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093661.D
 Acq: 14 Mar 2017 16:21

Tgt Ion:165 Resp: 24952
 Ion Ratio Lower Upper
 165 100
 63 3.6 36.2 54.4#
 89 4.1 40.2 60.4#

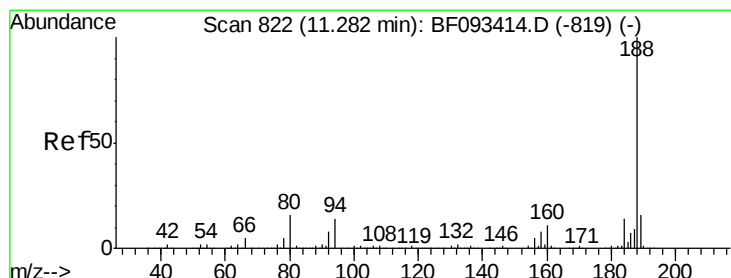
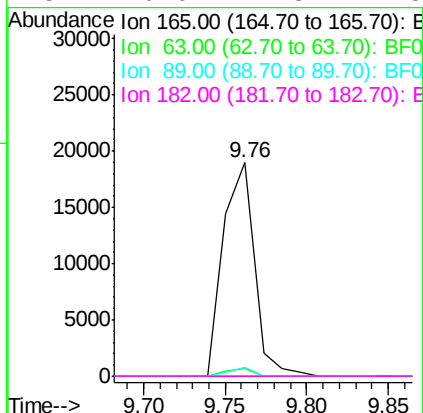
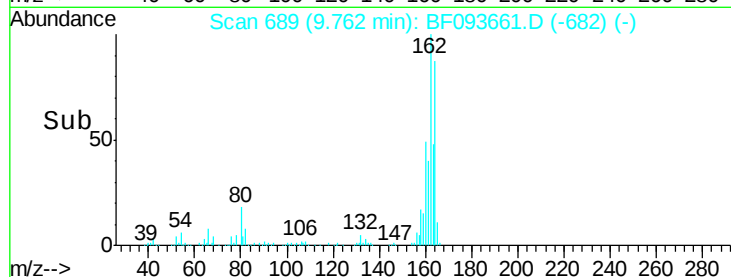
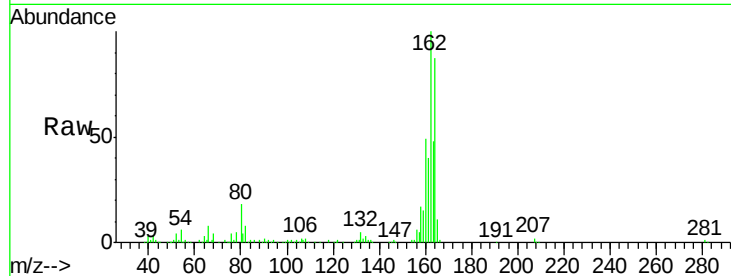




#56
 2,4-Dinitrotoluene
 Concen: 7.14 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093661.D
 Acq: 14 Mar 2017 16:21

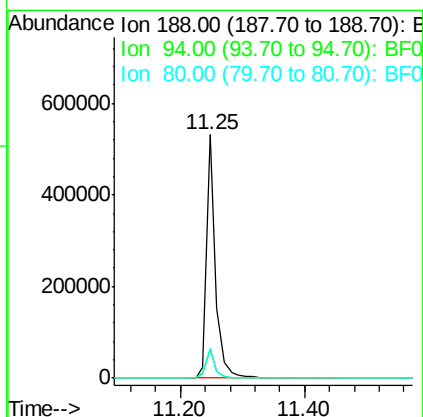
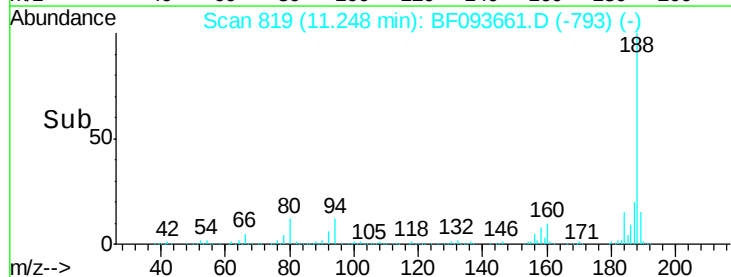
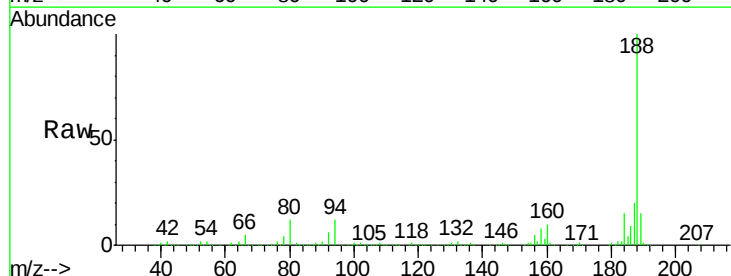
Instrument :
 BNA_M
 ClientSampleId :

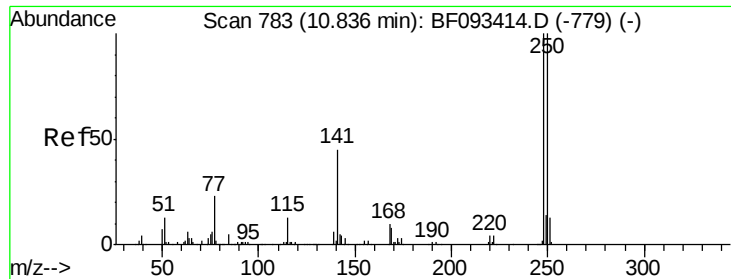
Tot Ion:165 Resp: 24954
 Ion Ratio Lower Upper
 165 100
 63 3.6 40.2 60.4#
 89 4.1 62.5 93.7#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF093661.D
 Acq: 14 Mar 2017 16:21

Tgt Ion:188 Resp: 535185
 Ion Ratio Lower Upper
 188 100
 94 11.8 10.0 15.0
 80 12.5 11.2 16.8

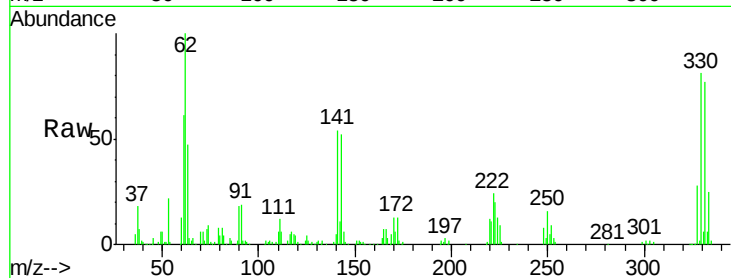




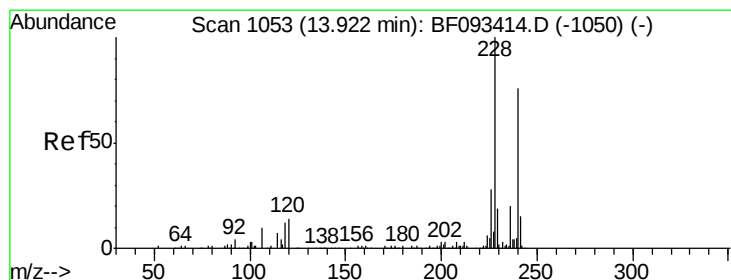
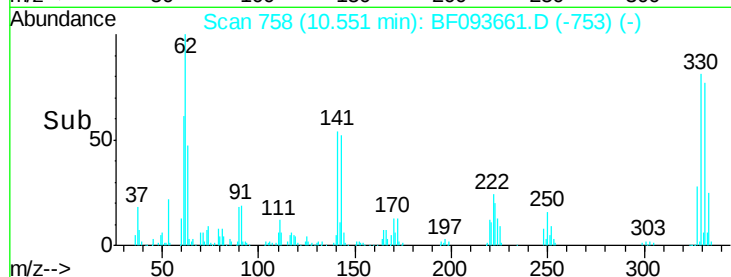
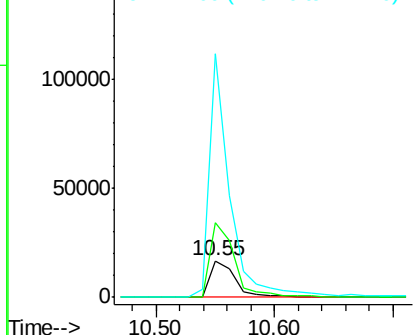
#66
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093661.D
Acq: 14 Mar 2017 16:21

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 24560
Ion Ratio Lower Upper
248 100
250 204.4 76.9 115.3#
141 671.5 68.2 102.4#

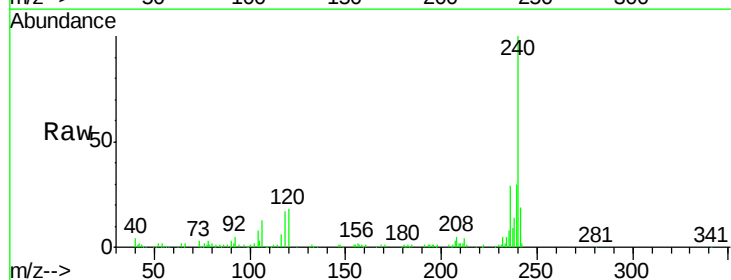


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

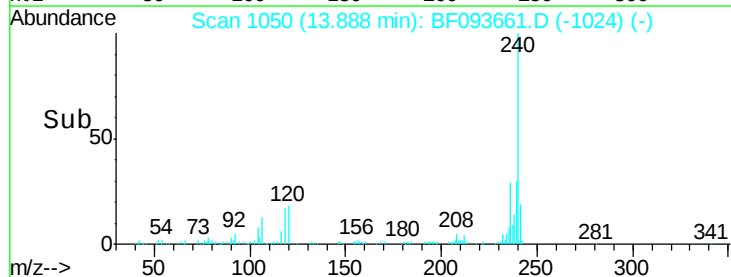
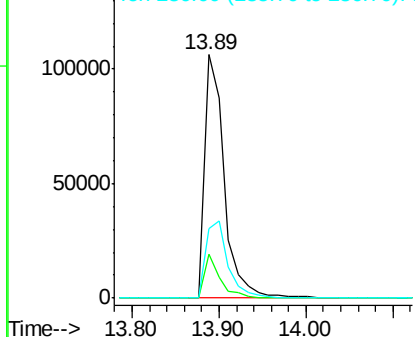


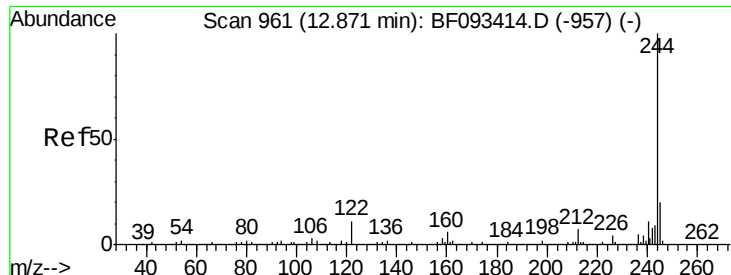
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF093661.D
Acq: 14 Mar 2017 16:21

Tgt Ion:240 Resp: 165925
Ion Ratio Lower Upper
240 100
120 18.2 12.9 19.3
236 28.6 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

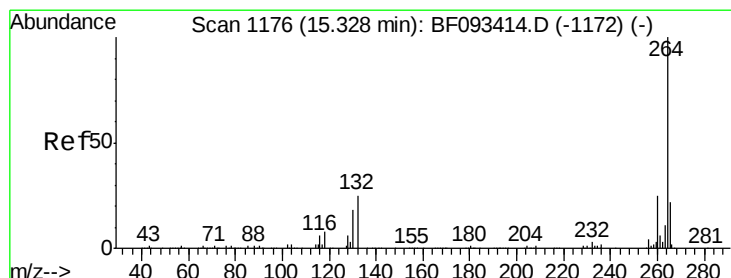
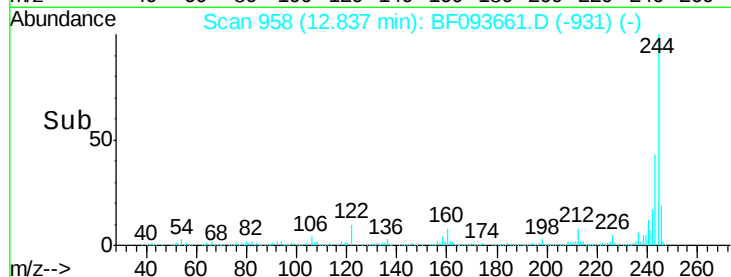
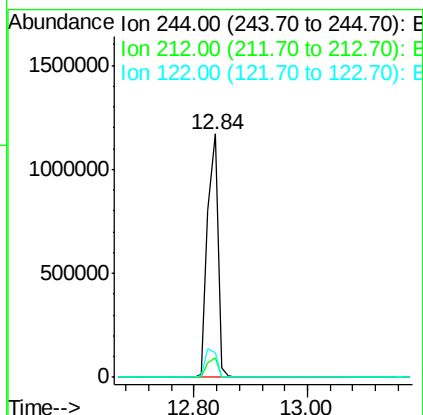
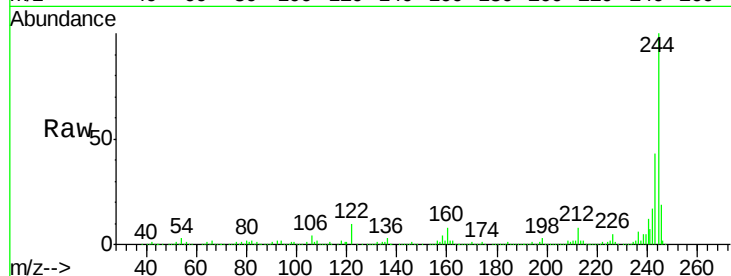




#78
 Terphenyl-d14
 Concen: 222.49 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093661.D
 Acq: 14 Mar 2017 16:21

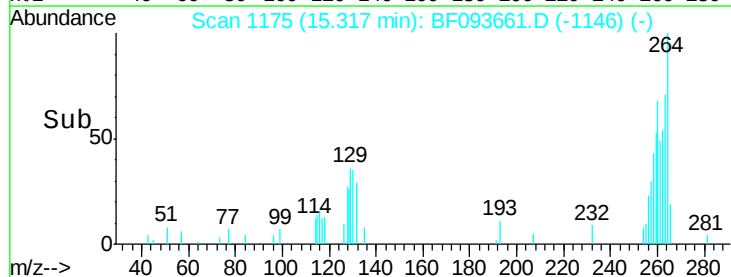
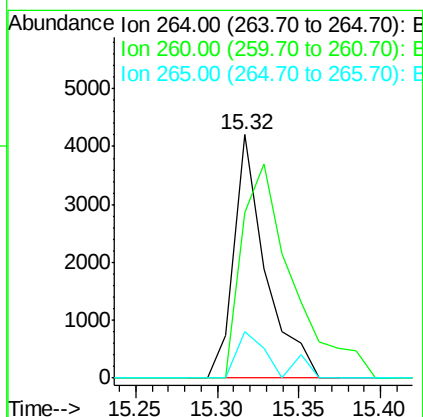
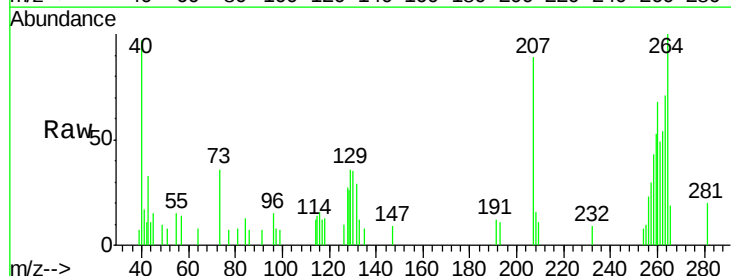
Instrument :
 BNA_M
 ClientSampleId :

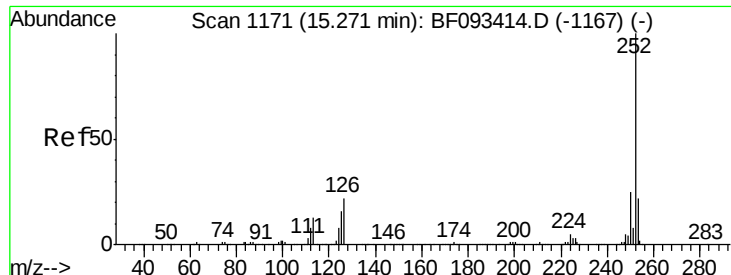
Tot Ion:244 Resp: 1419907
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 10.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. 0.03 min
 Lab File: BF093661.D
 Acq: 14 Mar 2017 16:21

Tgt Ion:264 Resp: 5657
 Ion Ratio Lower Upper
 264 100
 260 68.1 19.2 28.8#
 265 18.9 17.4 26.0

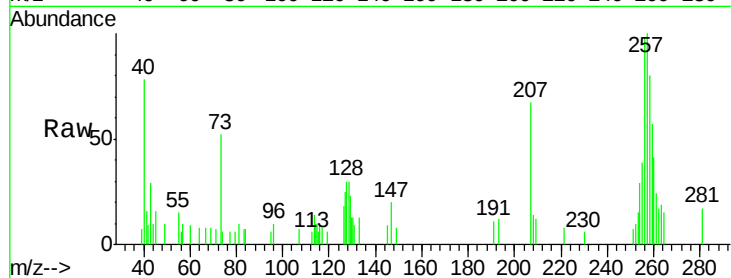




#89
 Benzo(a)pyrene
 Concen: 3.01 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.11 min
 Lab File: BF093661.D
 Acq: 14 Mar 2017 16:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	142.6	18.2	27.2#
125	0.0	10.0	15.0#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

