

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094402.D
 Acq On : 13 Apr 2017 20:39
 Operator : SJ/MA
 Sample : I2666-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:49:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

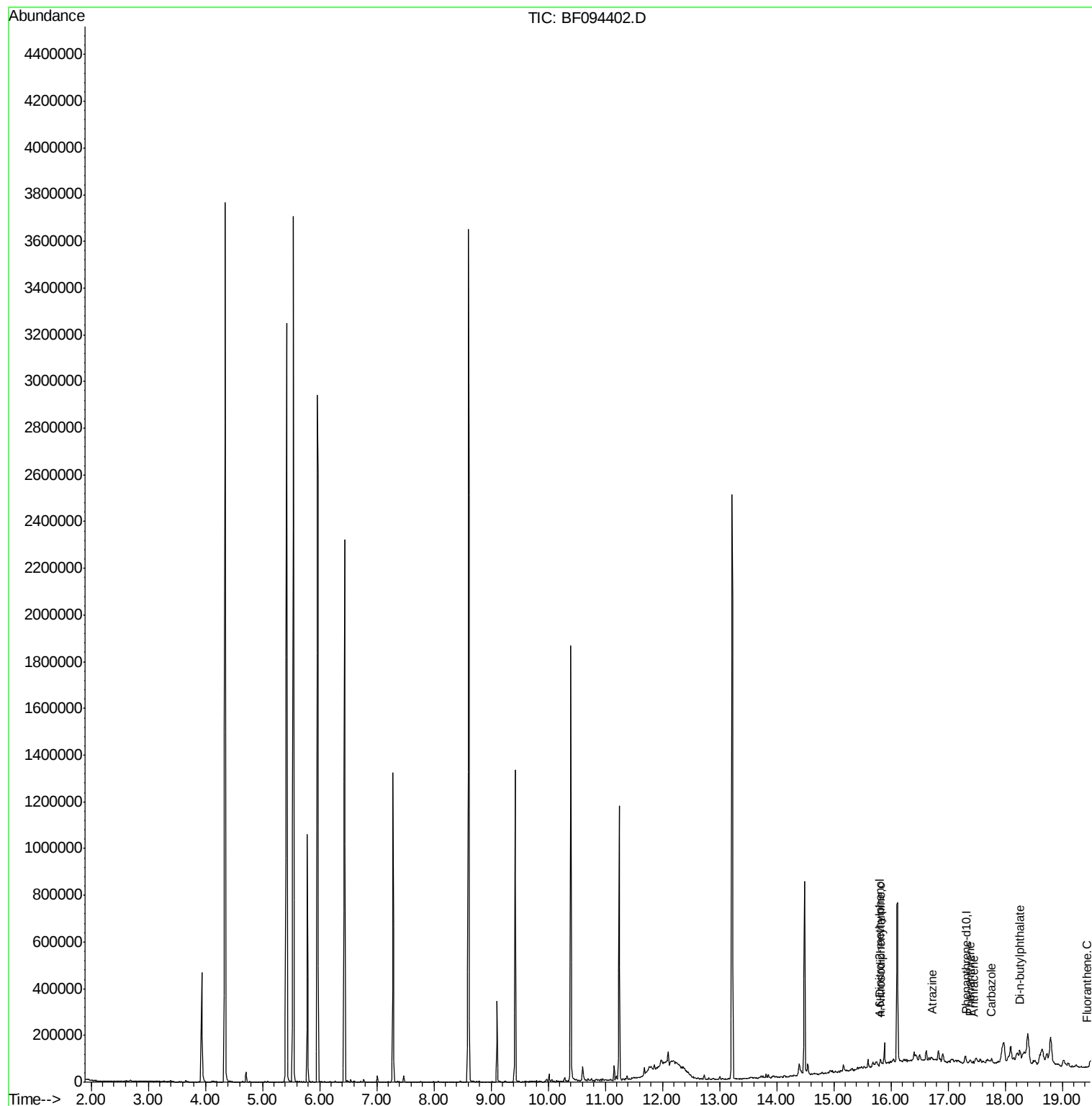
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.05
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.85
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.66
63) Phenanthrene-d10	17.32	188	123	20.00	ng	-0.07
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.64
86) Perylene-d12	0.00	264	0	0.00	ng	-24.82
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	251	0.00	ng	0.17
7) Phenol-d6	7.47	99	239	0.00	ng	0.26
23) Nitrobenzene-d5	9.42	82	26584	0.00	ng	0.22
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.22	172	2994	0.00	ng	-0.06
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	15.80	198	123	158.61	ng	# 1
65) n-Nitrosodiphenylamine	15.83	169	376	104.16	ng	# 1
68) Atrazine	16.73	200	113	82.69	ng	# 1
70) Phenanthrene	17.38	178	610	92.35	ng	# 1
71) Anthracene	17.44	178	305	45.26	ng	# 1
72) Carbazole	17.74	167	909	131.00	ng	# 11
73) Di-n-butylphthalate	18.26	149	1178	165.25	ng	# 61
74) Fluoranthene	19.43	202	150	19.31	ng	# 1

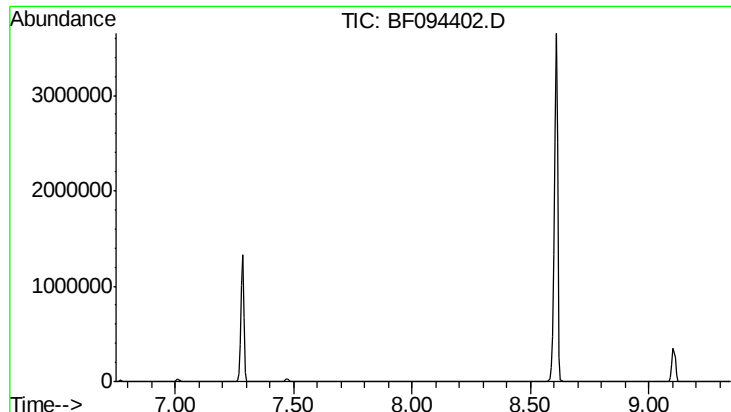
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 8.05 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

Instrument :

BNA_F

ClientSampleId :

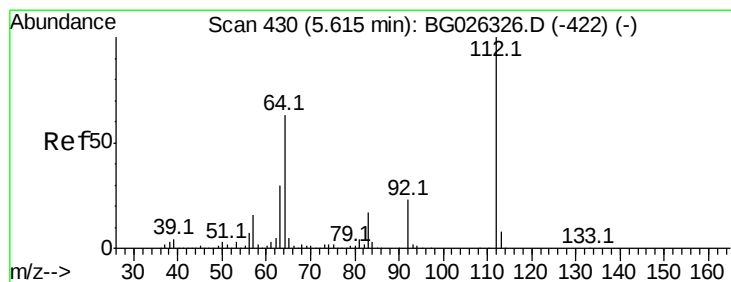
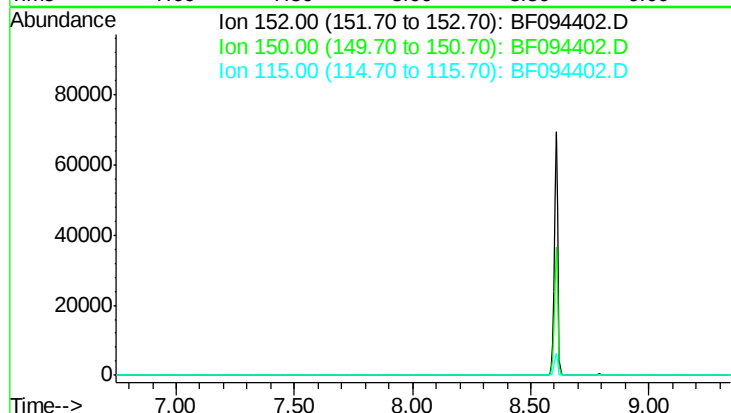
Tot Ion: 152

Sig Exp Ratio

152 100

150 142.5

115 60.1



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.79 min Scan# 663

Delta R.T. 0.17 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

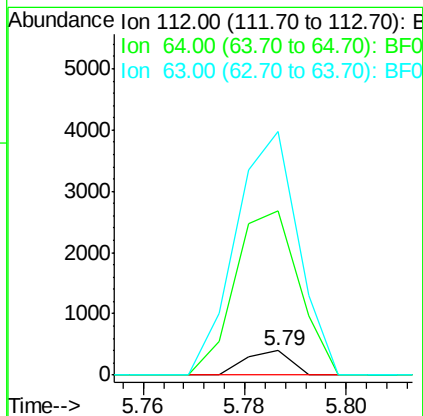
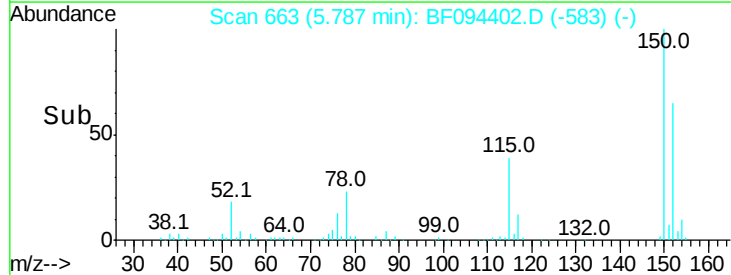
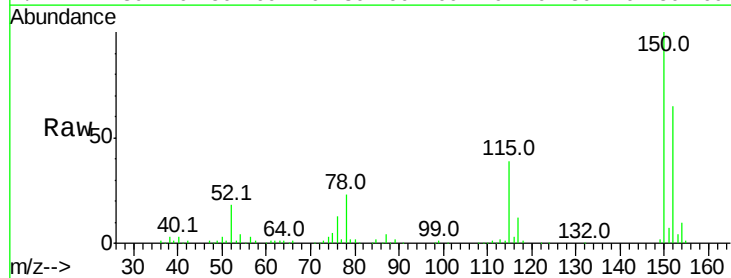
Tgt Ion:112 Resp: 251

Ion Ratio Lower Upper

112 100

64 667.7 61.8 92.6#

63 988.3 37.2 55.8#





#7

Phenol-d6

Concen: 0.00 ng

RT: 7.47 min Scan# 949

Delta R.T. 0.26 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

Instrument :

BNA_F

ClientSampleId :

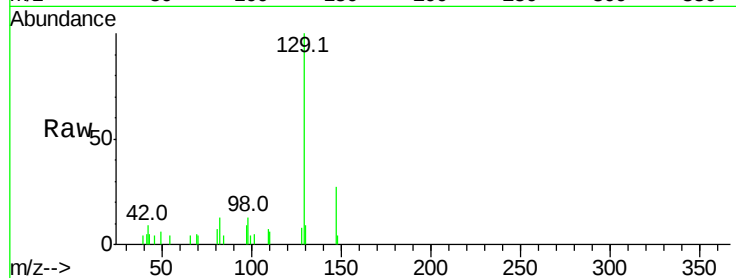
Tot Ion: 99 Resp: 239

Ion Ratio Lower Upper

99 100

42 235.4 20.5 30.7#

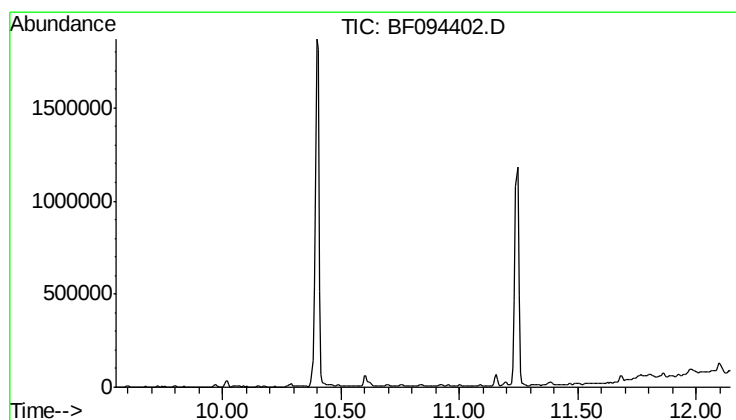
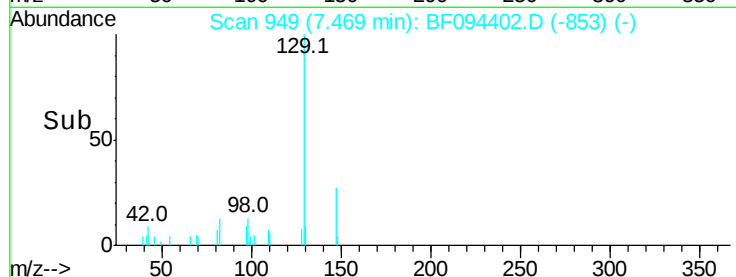
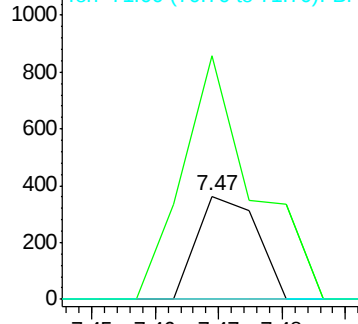
71 0.0 37.6 56.4#



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



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 10.85 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

Tgt Ion: 136

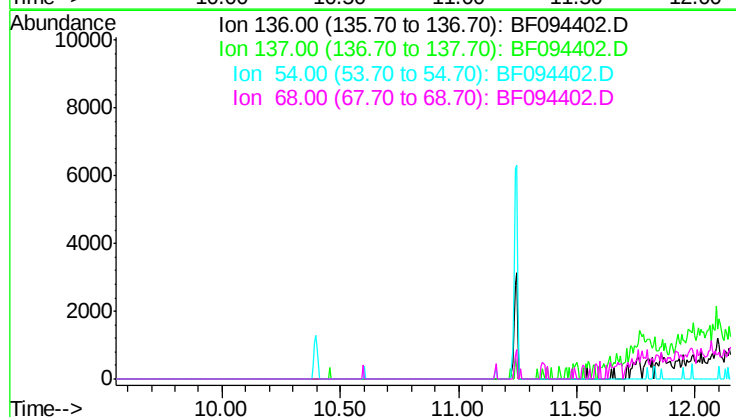
Sig Exp Ratio

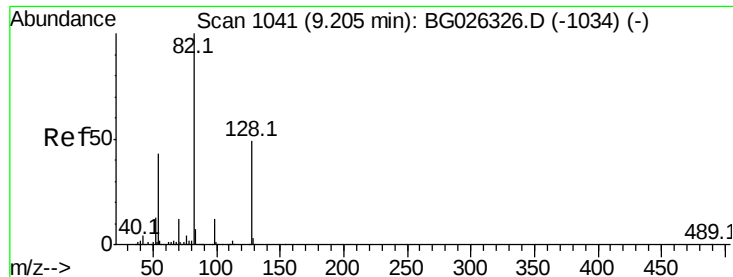
136 100

137 11.1

54 11.6

68 6.4

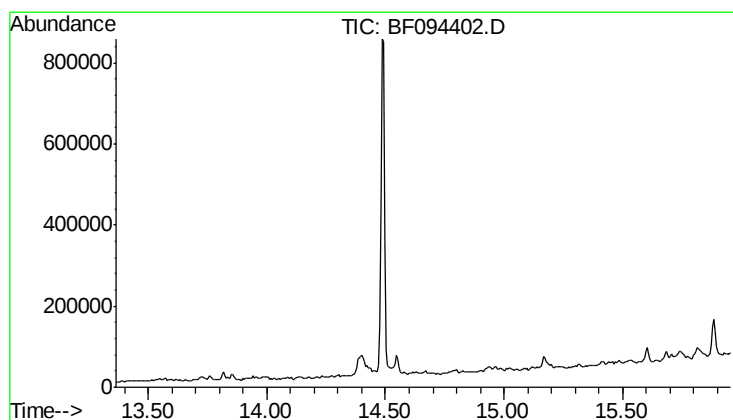
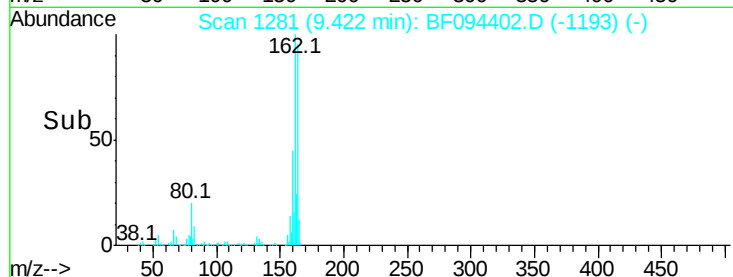
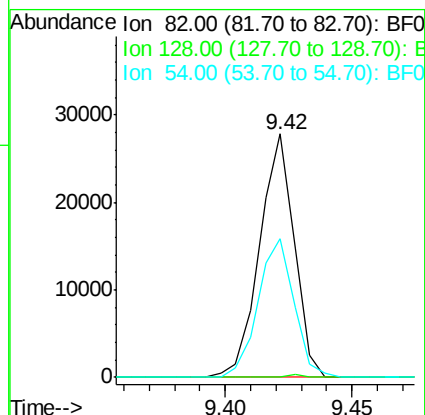
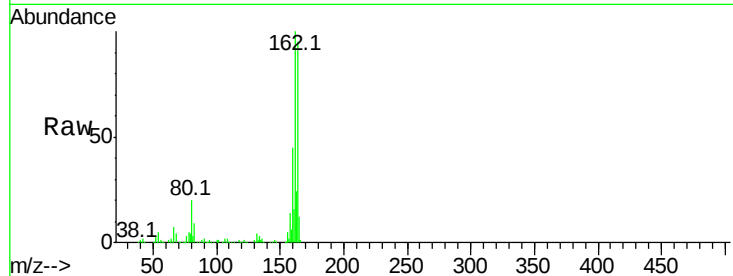




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.22 min
 Lab File: BF094402.D
 Acq: 13 Apr 2017 20:39

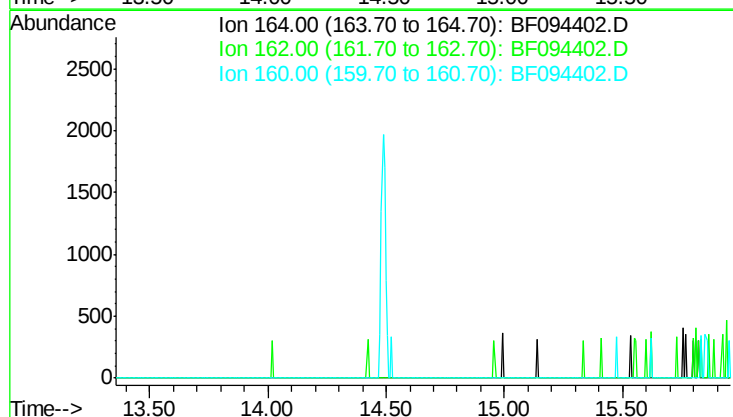
Instrument :
 BNA_F
 ClientSampleId :

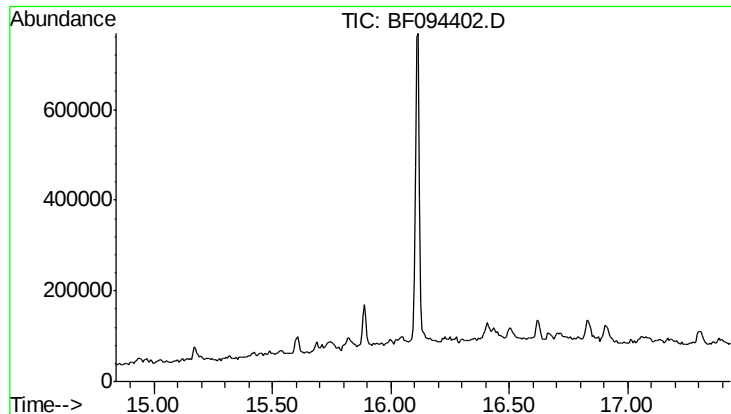
Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	0.0	26.4	39.6	
54	57.1	49.4	74.2	



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 14.66 min
 Lab File: BF094402.D
 Acq: 13 Apr 2017 20:39

Tgt Ion	Sig	Exp Ratio
164	100	
162	106.4	
160	43.4	

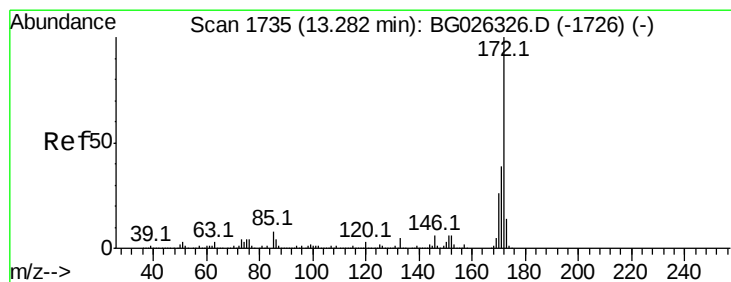
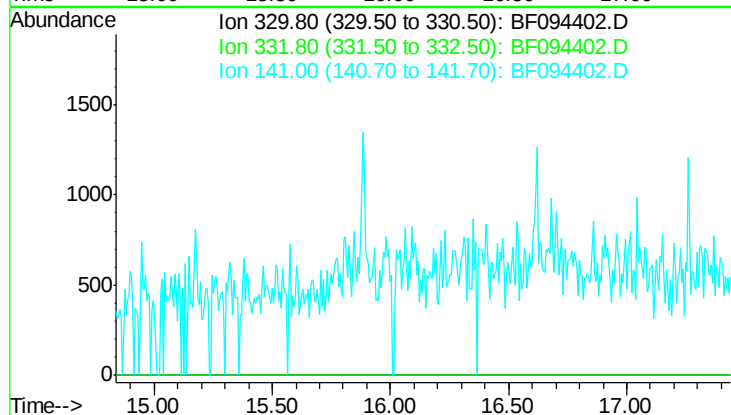




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.14 min
 Lab File: BF094402.D
 Acq: 13 Apr 2017 20:39

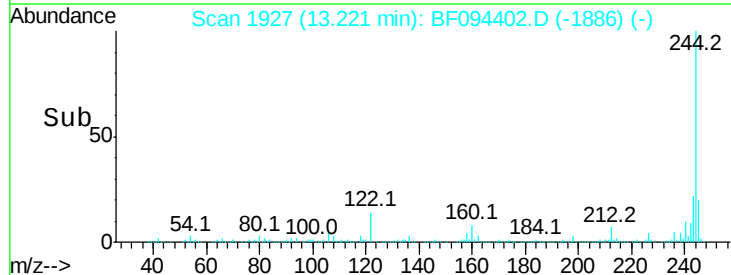
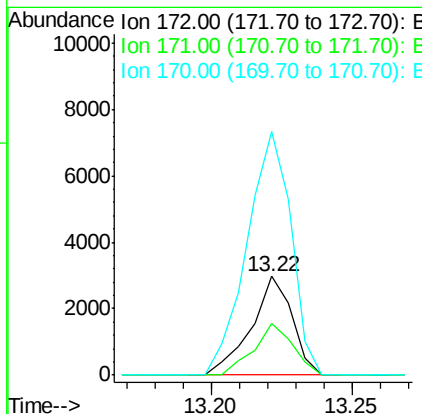
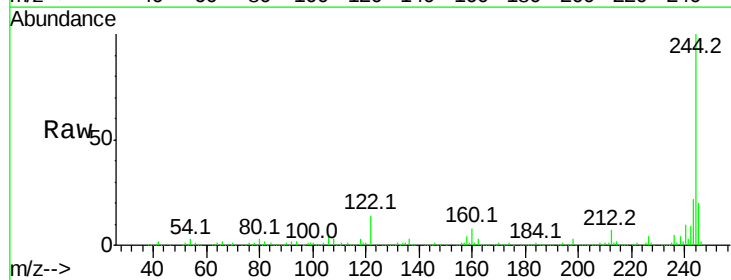
Instrument :
 BNA_F
 ClientSampleId :

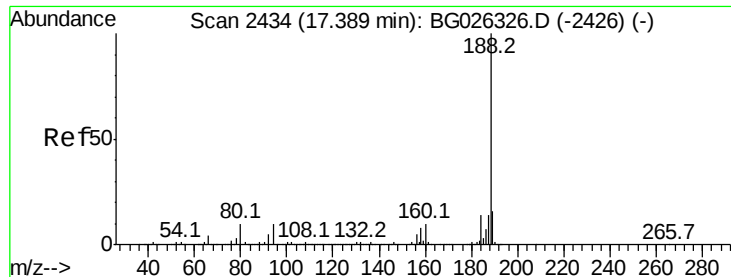
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 40.1



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 13.22 min Scan# 1927
 Delta R.T. -0.06 min
 Lab File: BF094402.D
 Acq: 13 Apr 2017 20:39

Tgt Ion:172 Resp: 2994
 Ion Ratio Lower Upper
 172 100
 171 51.8 32.2 48.2#
 170 246.6 21.8 32.6#

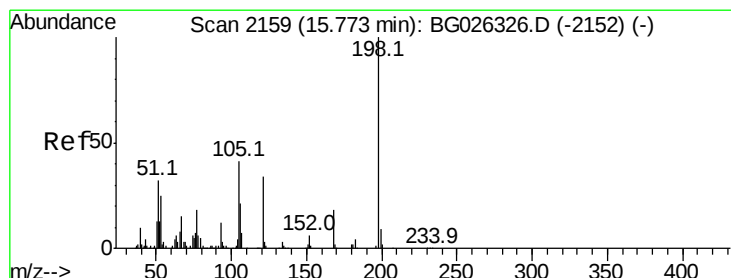
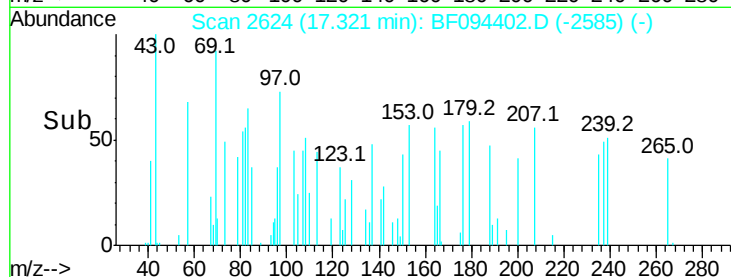
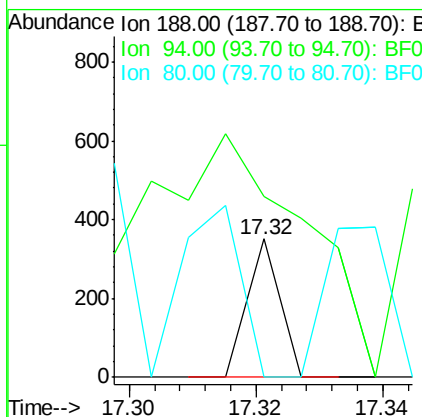
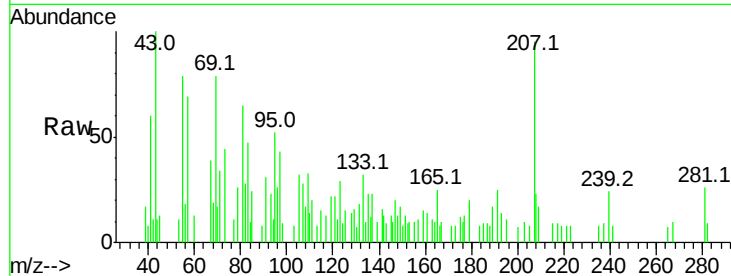




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2624
Delta R.T. -0.07 min
Lab File: BF094402.D
Acq: 13 Apr 2017 20:39

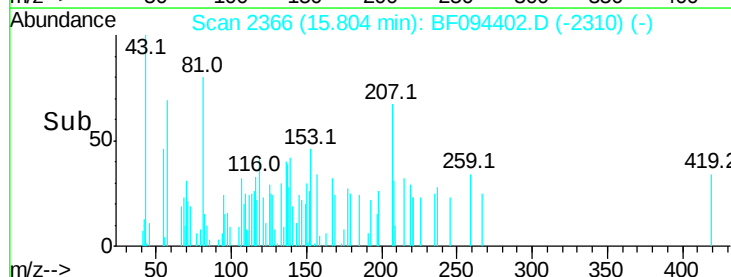
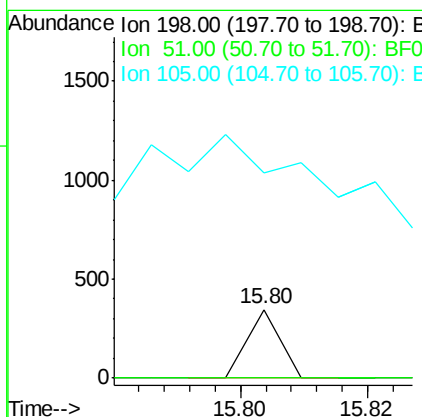
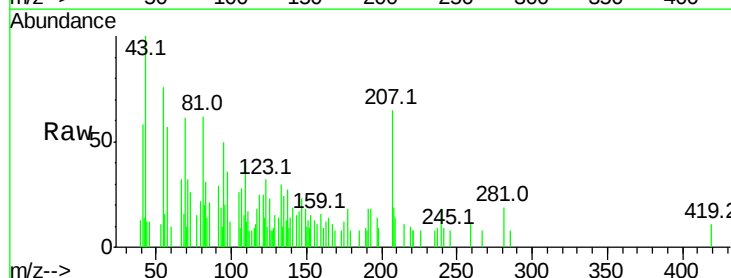
Instrument :
BNA_F
ClientSampled :

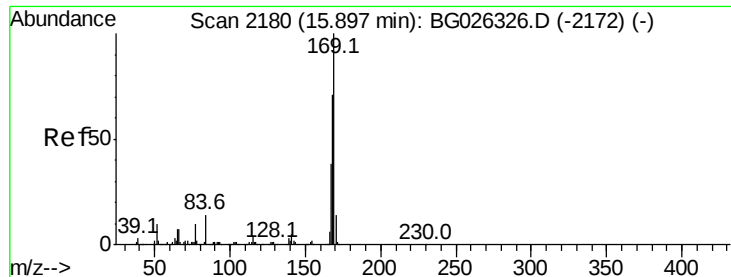
Tot Ion:188 Resp: 123
Ion Ratio Lower Upper
188 100
94 130.9 5.8 8.8#
80 0.0 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 158.61 ng
RT: 15.80 min Scan# 2366
Delta R.T. 0.03 min
Lab File: BF094402.D
Acq: 13 Apr 2017 20:39

Tgt Ion:198 Resp: 123
Ion Ratio Lower Upper
198 100
51 0.0 22.6 62.6#
105 298.9 14.4 54.4#

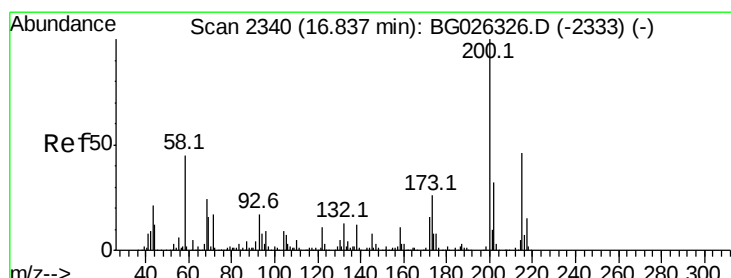
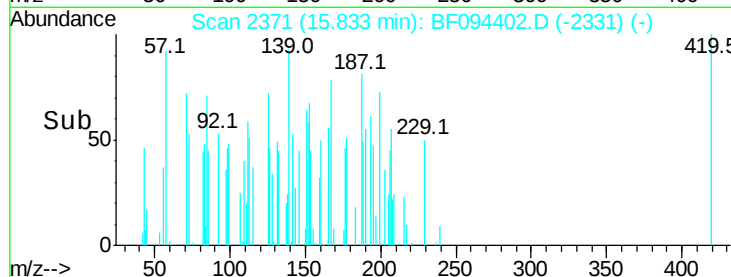
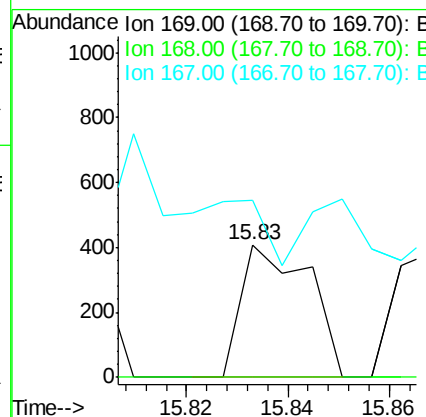
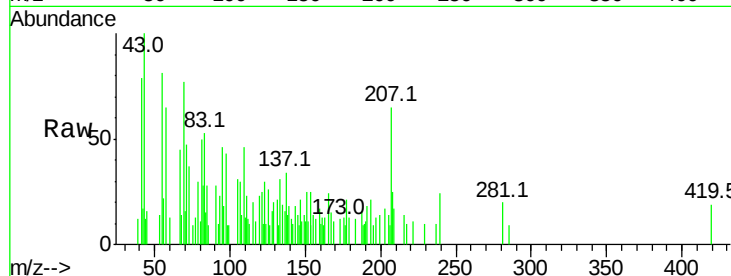




#65
 n-Nitrosodiphenylamine
 Concen: 104.16 ng
 RT: 15.83 min Scan# 2371
 Delta R.T. -0.06 min
 Lab File: BF094402.D
 Acq: 13 Apr 2017 20:39

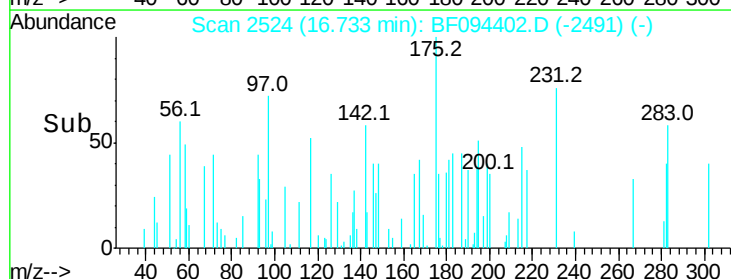
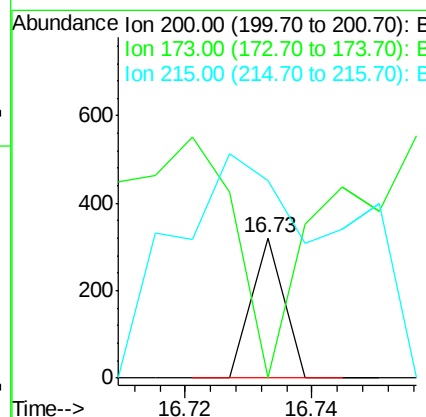
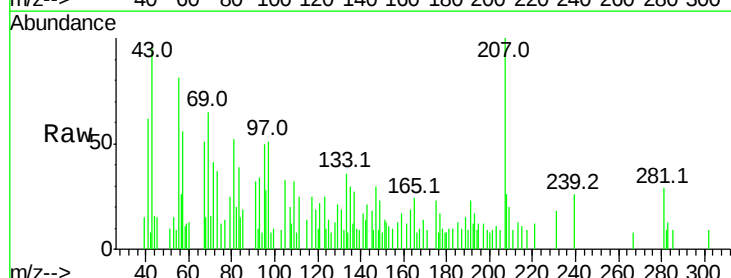
Instrument :
 BNA_F
 ClientSampleId :

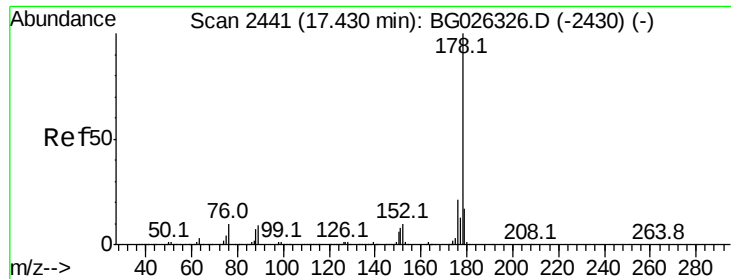
Tot Ion:169 Resp: 376
 Ion Ratio Lower Upper
 169 100
 168 0.0 55.7 83.5#
 167 134.2 29.8 44.6#



#68
 Atrazine
 Concen: 82.69 ng
 RT: 16.73 min Scan# 2524
 Delta R.T. -0.10 min
 Lab File: BF094402.D
 Acq: 13 Apr 2017 20:39

Tgt Ion:200 Resp: 113
 Ion Ratio Lower Upper
 200 100
 173 0.0 3.0 43.0#
 215 140.5 28.4 68.4#





#70

Phenanthrene

Concen: 92.35 ng

RT: 17.38 min Scan# 2634

Delta R.T. -0.05 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

Instrument :

BNA_F

ClientSampled :

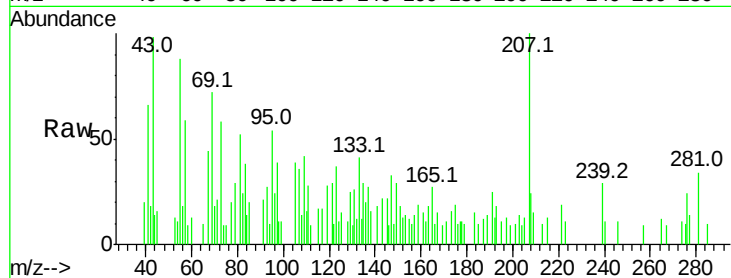
Tot Ion:178 Resp: 610

Ion Ratio Lower Upper

178 100

176 87.7 17.7 26.5#

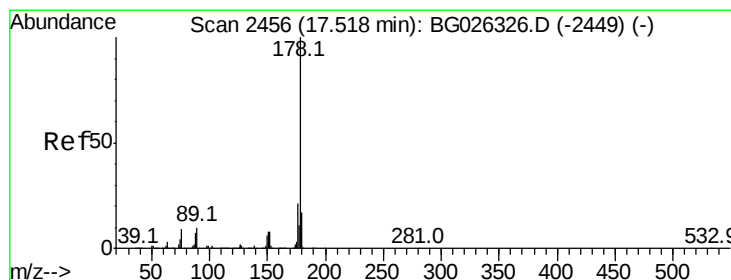
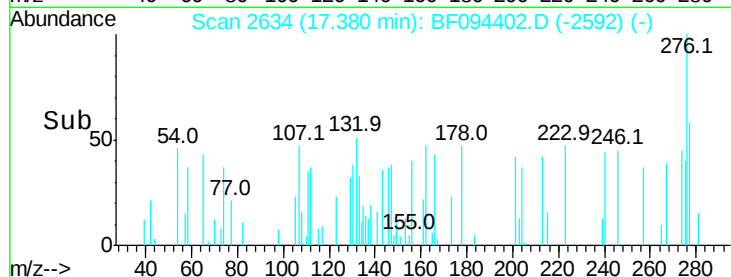
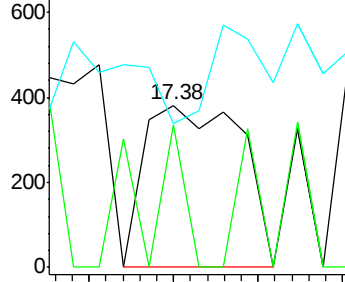
179 88.2 15.0 22.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 45.26 ng

RT: 17.44 min Scan# 2645

Delta R.T. -0.07 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

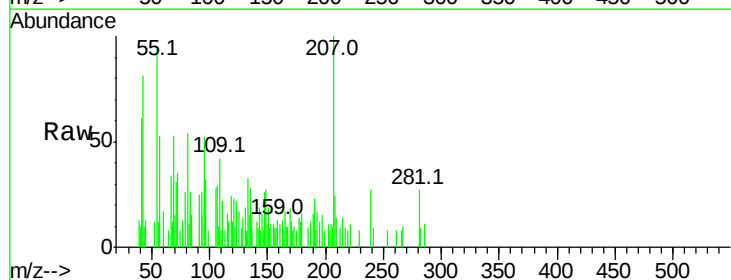
Tgt Ion:178 Resp: 305

Ion Ratio Lower Upper

178 100

176 0.0 16.4 24.6#

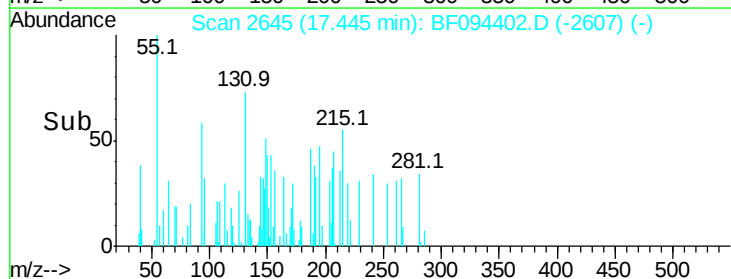
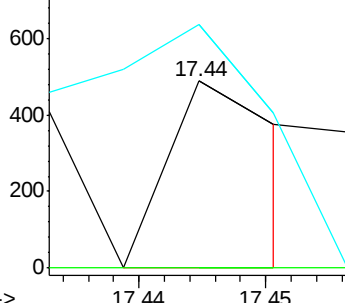
179 130.3 13.8 20.8#

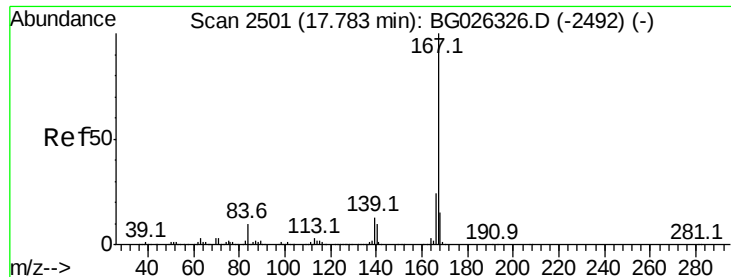


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 131.00 ng

RT: 17.74 min Scan# 2696

Delta R.T. -0.04 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

Instrument :

BNA_F

ClientSampled :

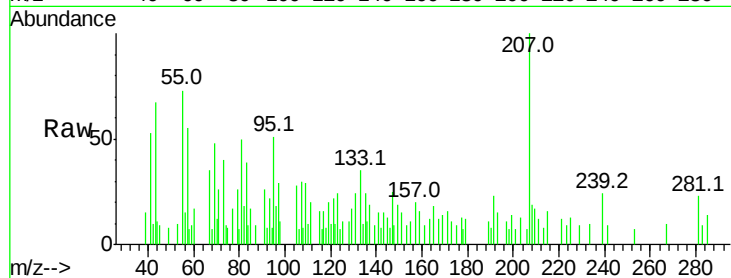
Tot Ion:167 Resp: 909

Ion Ratio Lower Upper

167 100

166 0.0 20.2 30.2#

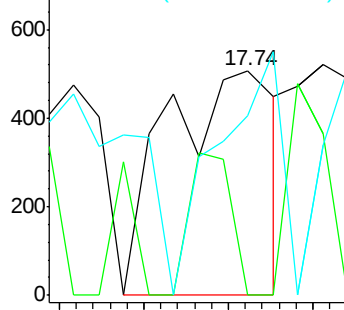
139 80.1 12.8 19.2#



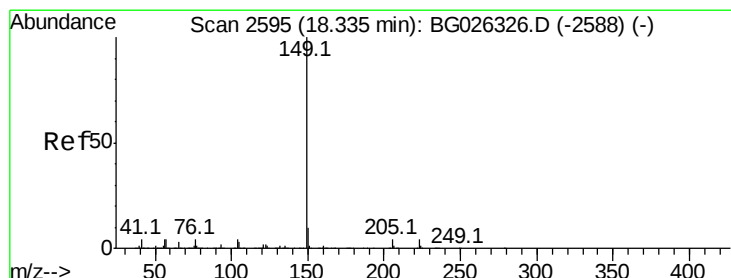
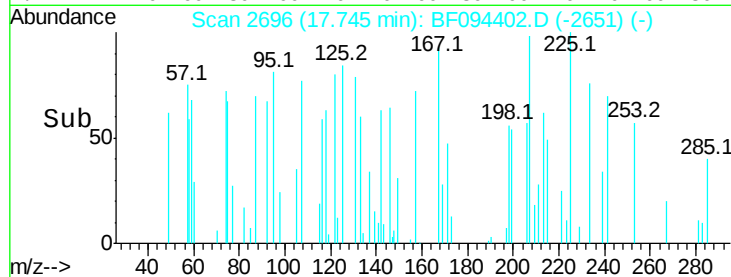
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 165.25 ng

RT: 18.26 min Scan# 2783

Delta R.T. -0.08 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

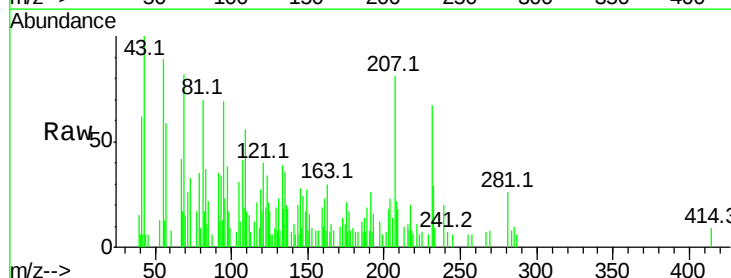
Tgt Ion:149 Resp: 1178

Ion Ratio Lower Upper

149 100

150 30.8 9.1 13.7#

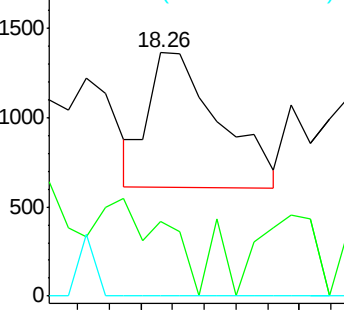
104 0.0 6.7 10.1#



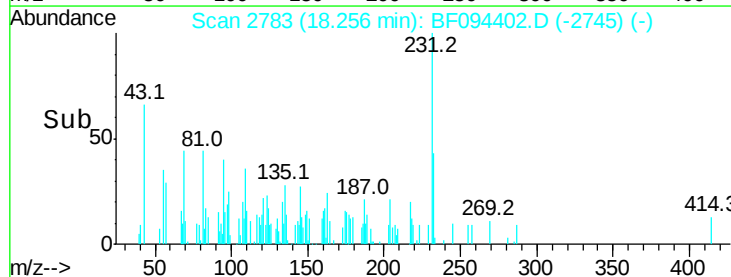
Abundance Ion 149.00 (148.70 to 149.70): E

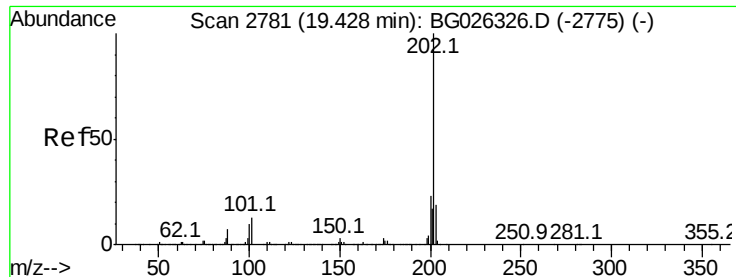
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

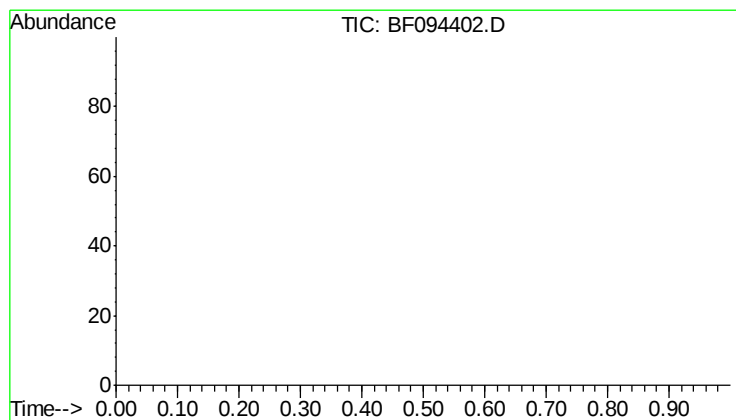
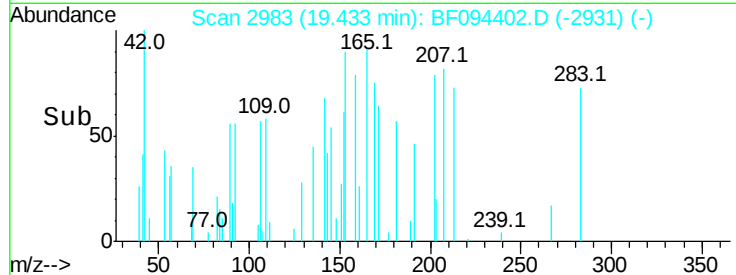
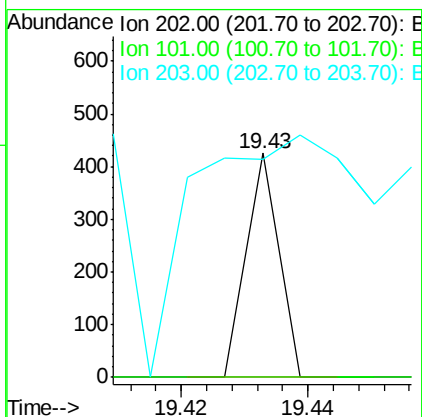
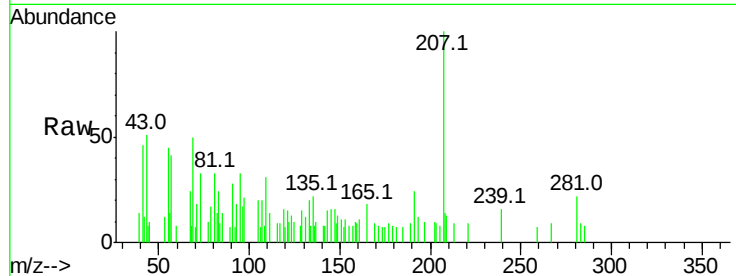




#74
 Fluoranthene
 Concen: 19.31 ng
 RT: 19.43 min Scan# 2983
 Delta R.T. 0.00 min
 Lab File: BF094402.D
 Acq: 13 Apr 2017 20:39

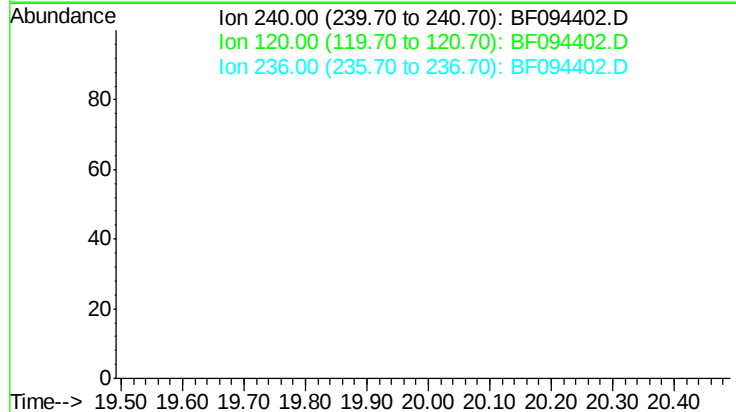
Instrument :
 BNA_F
 ClientSampleId :

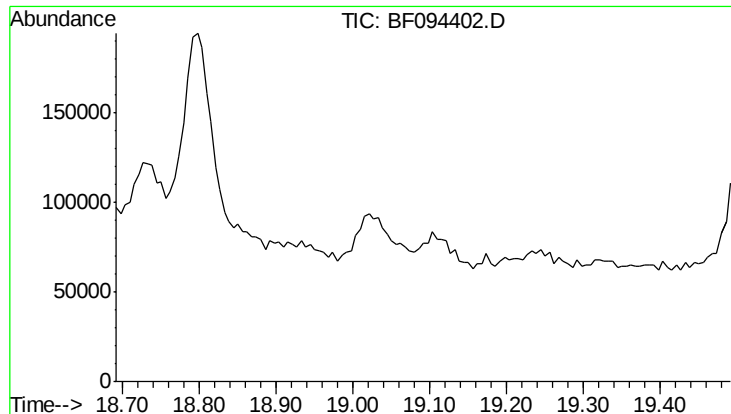
Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.1
203	97.2	1.3	41.3#



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 21.64 min
 Lab File: BF094402.D
 Acq: 13 Apr 2017 20:39

Tgt Ion	Exp Ratio
240	100
120	7.1
236	27.8





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 19.99 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

Tot Ion: 244

Sig Exp Ratio

244 100

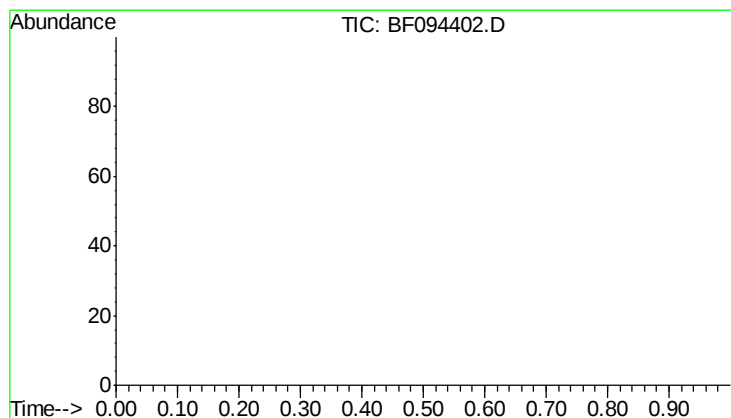
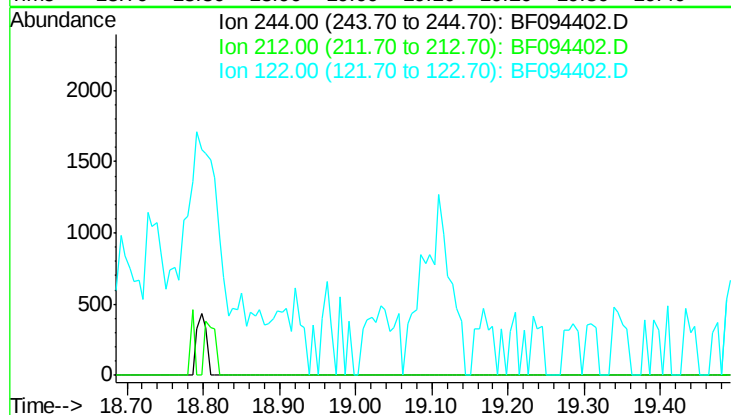
212 12.5

122 10.7

Instrument :

BNA_F

ClientSampleId :



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 24.82 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

Tgt Ion: 264

Sig Exp Ratio

264 100

260 27.3

265 22.8

