

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024661.D
 Acq On : 4 Nov 2016 00:19
 Operator : UM/SJ
 Sample : H5502-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-79-9.5-10.0

Quant Time: Nov 04 00:24:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

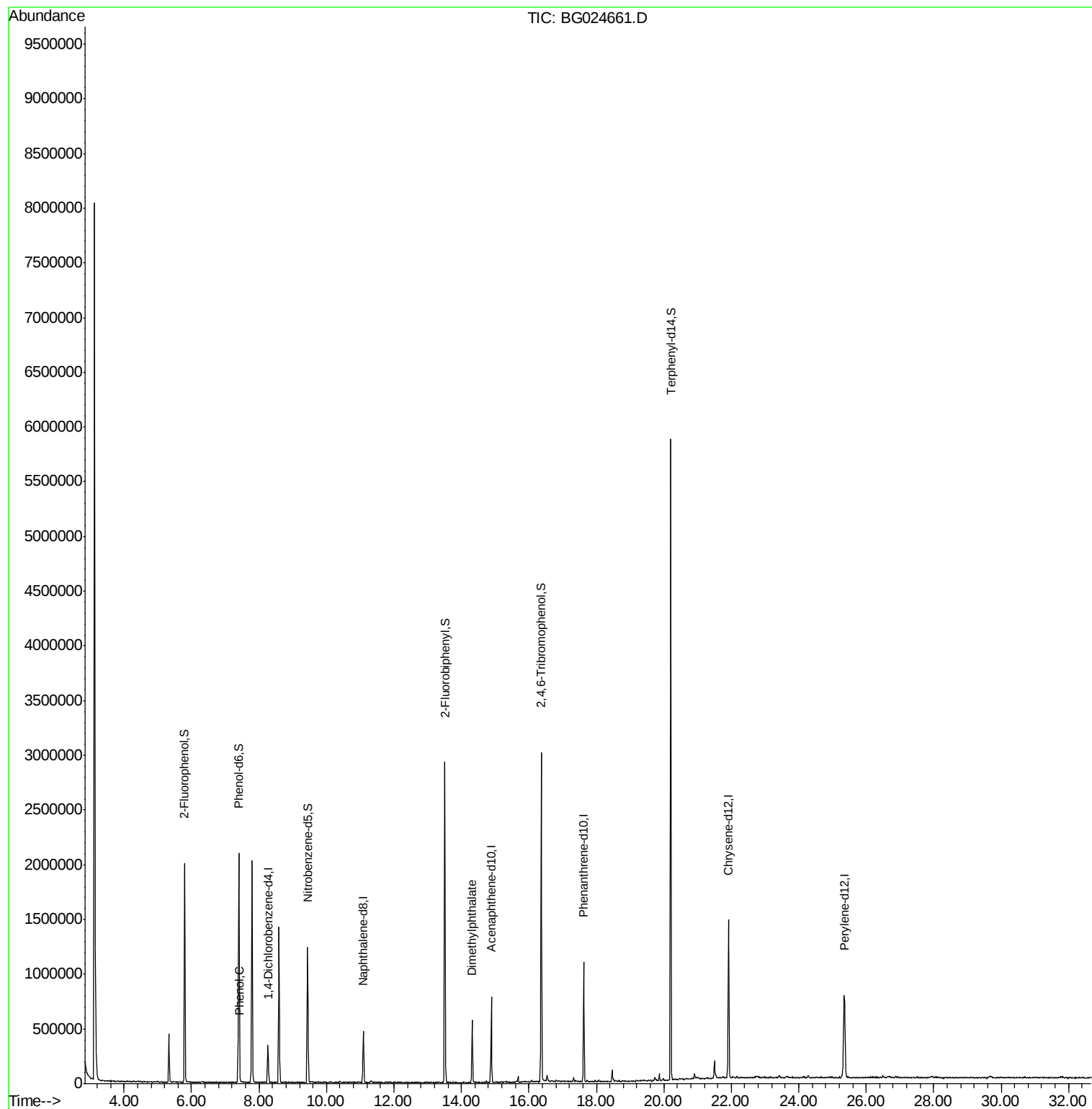
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	90702	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	368878	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	293278	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	687825	20.00	ng	0.00
75) Chrysene-d12	21.92	240	912826	20.00	ng	-0.01
86) Perylene-d12	25.35	264	955198	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	790085	142.77	ng	0.00
7) Phenol-d6	7.41	99	1129004	148.73	ng	0.00
23) Nitrobenzene-d5	9.44	82	785024	96.89	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	606412	138.41	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1512281	85.71	ng	0.00
78) Terphenyl-d14	20.21	244	2579959	84.45	ng	0.00
Target Compounds						
10) Phenol	7.43	94	18571	2.37	ng	94
49) Dimethylphthalate	14.32	163	344150	16.53	ng	99

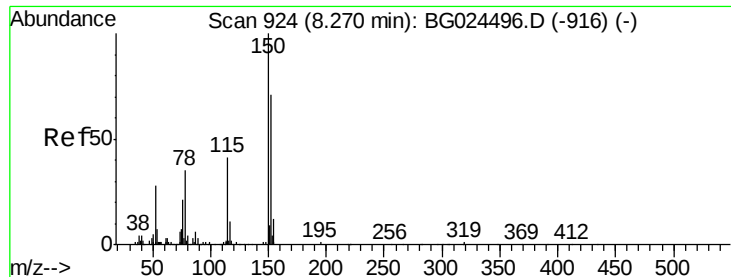
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024661.D

Acq: 4 Nov 2016 00:19

Instrument :

BNA_G

ClientSampleId :

SB-79-9.5-10.0

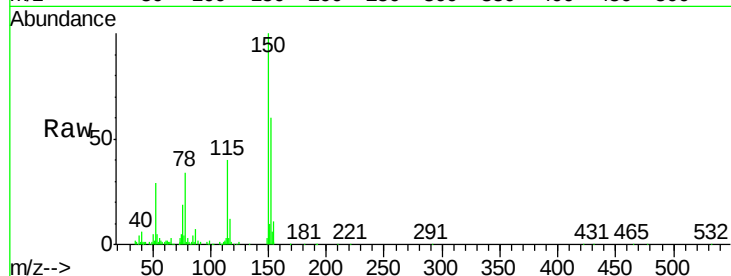
Tgt Ion:152 Resp: 90702

Ion Ratio Lower Upper

152 100

150 166.0 114.0 171.0

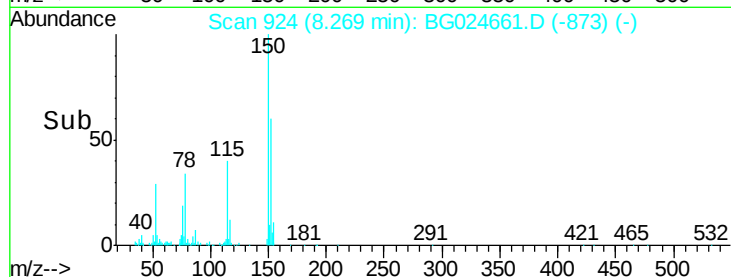
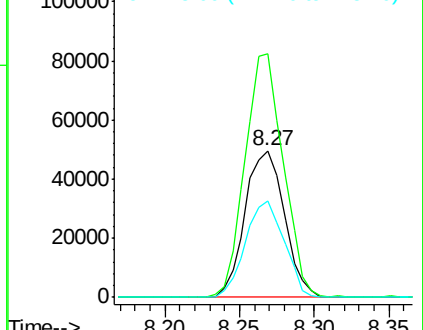
115 66.0 48.1 72.1



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: 142.77 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024661.D

Acq: 4 Nov 2016 00:19

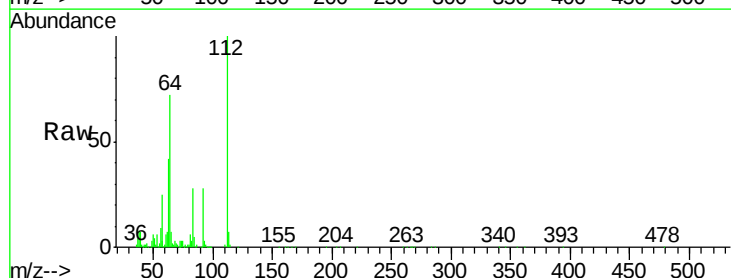
Tgt Ion:112 Resp: 790085

Ion Ratio Lower Upper

112 100

64 71.8 61.8 92.6

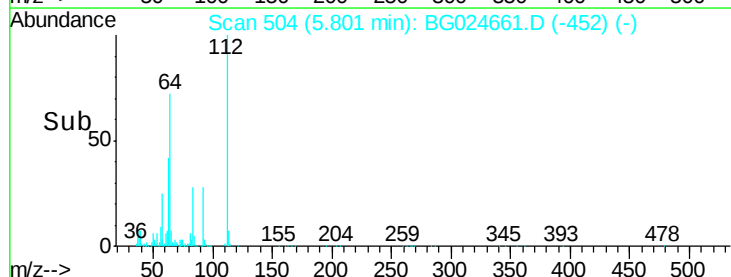
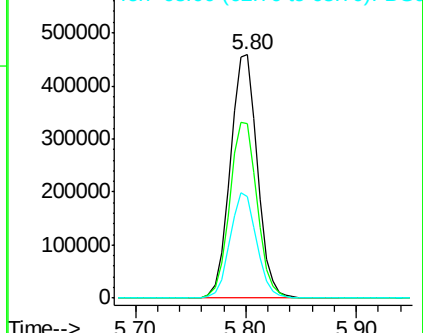
63 41.7 37.2 55.8

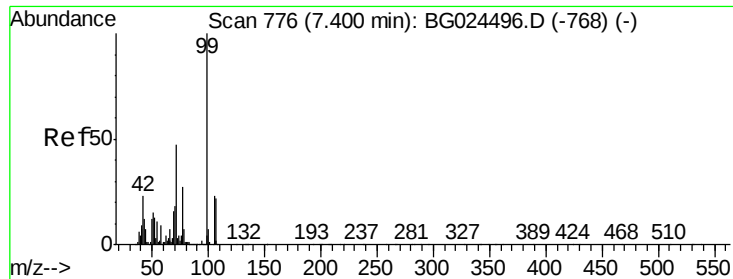


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 148.73 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024661.D

Acq: 4 Nov 2016 00:19

Instrument :

BNA_G

ClientSampleId :

SB-79-9.5-10.0

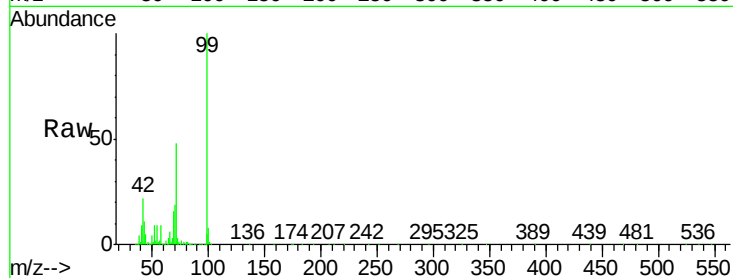
Tgt Ion: 99 Resp: 1129004

Ion Ratio Lower Upper

99 100

42 22.3 20.5 30.7

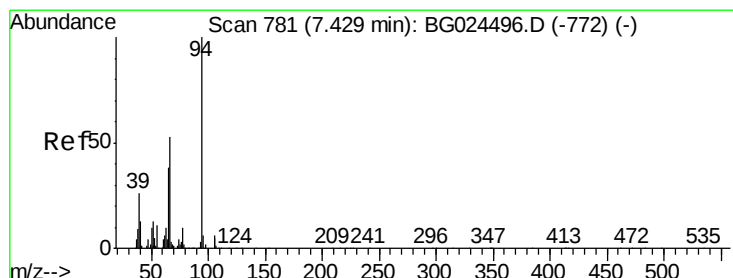
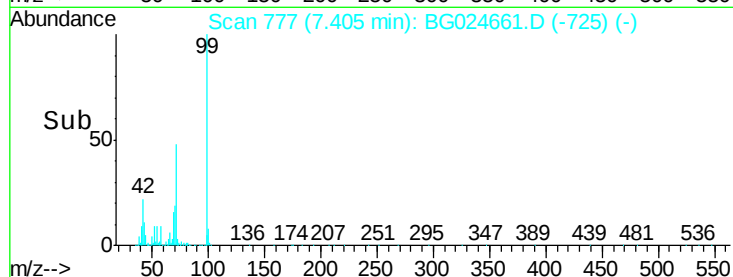
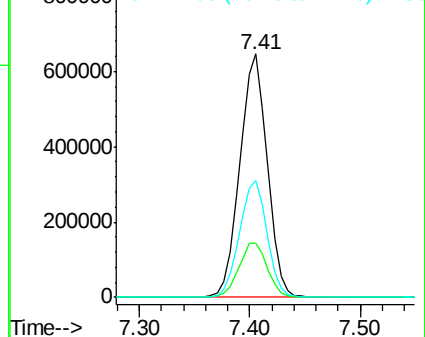
71 47.8 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.37 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG024661.D

Acq: 4 Nov 2016 00:19

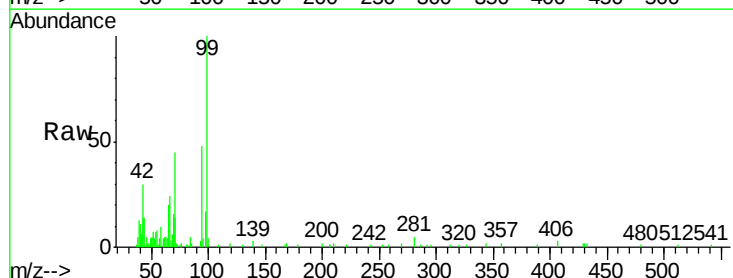
Tgt Ion: 94 Resp: 18571

Ion Ratio Lower Upper

94 100

65 40.3 20.6 60.6

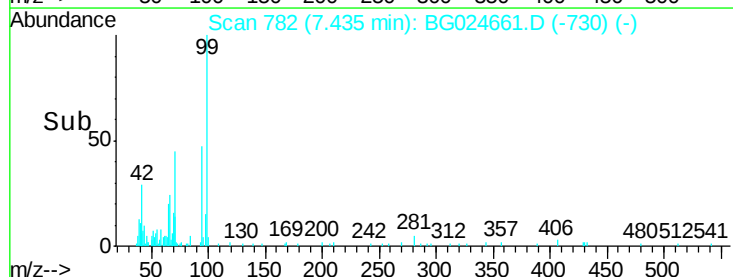
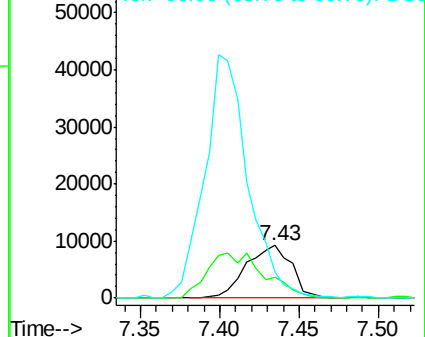
66 48.7 35.5 75.5

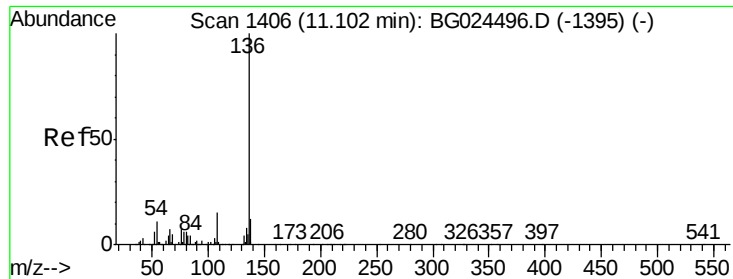


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

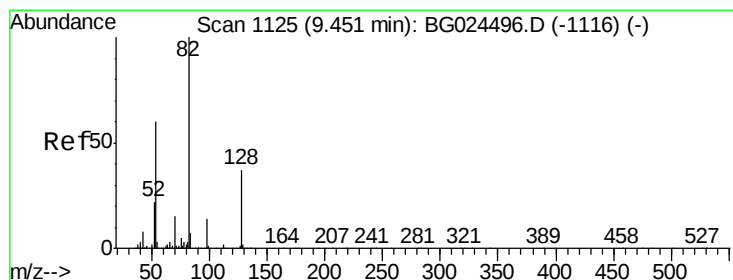
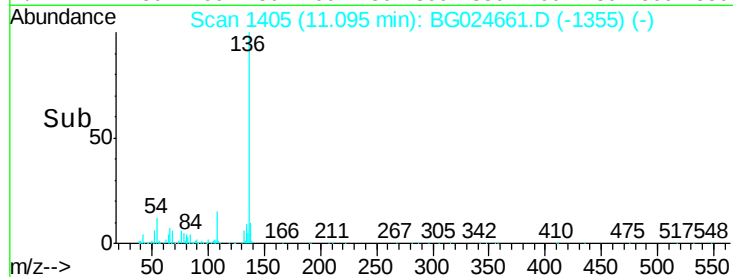
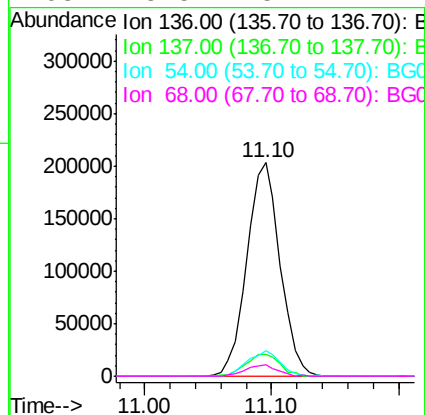
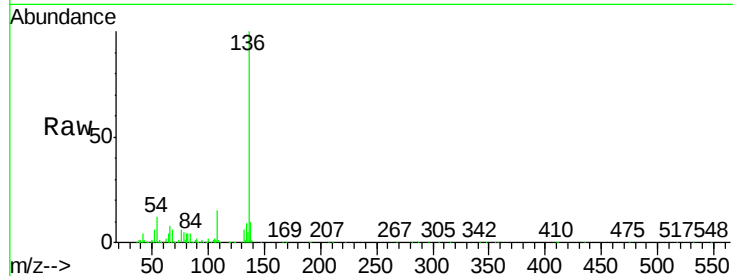




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

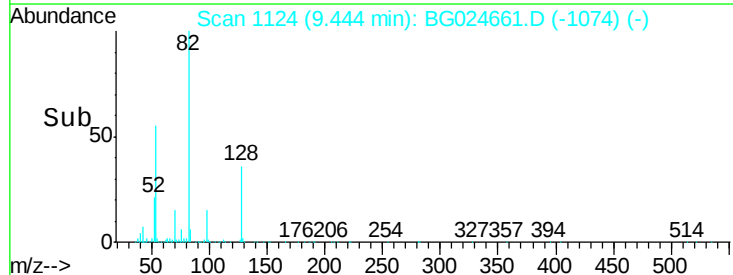
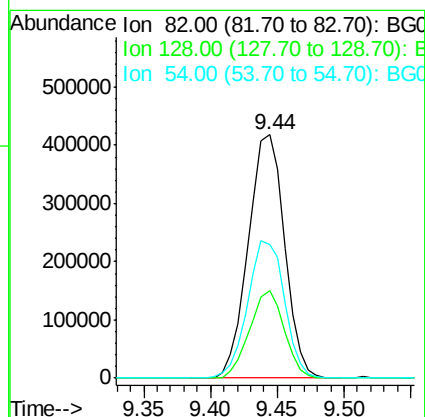
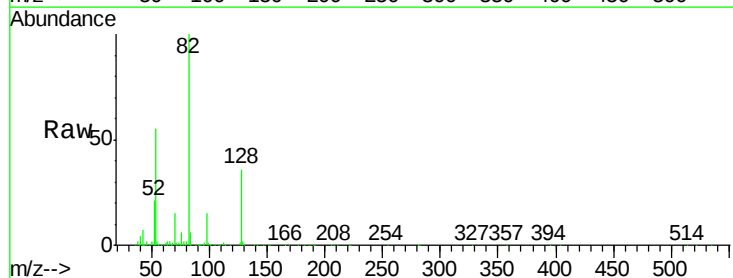
Instrument :
BNA_G
ClientSampleId :
SB-79-9.5-10.0

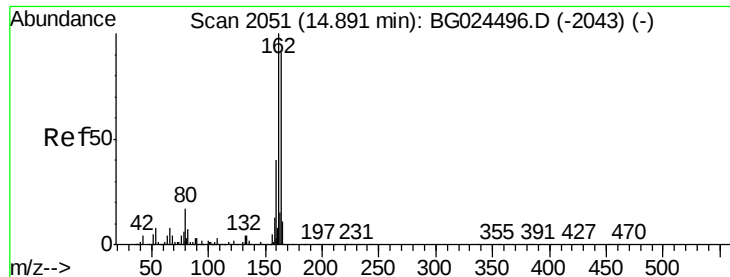
Tgt Ion:	136	Resp:	368878
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	11.9	9.3	13.9
68	5.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 96.89 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Tgt Ion:	82	Resp:	785024
Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.4	39.6
54	55.1	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024661.D

Acq: 4 Nov 2016 00:19

Instrument :

BNA_G

ClientSampleId :

SB-79-9.5-10.0

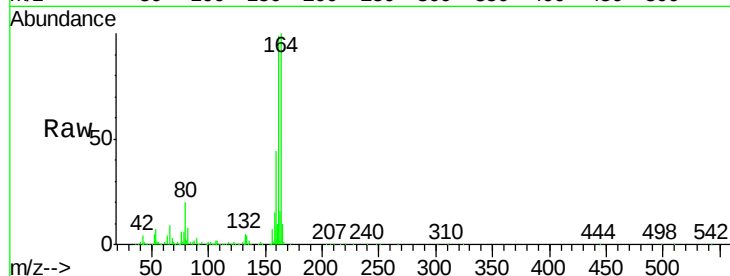
Tgt Ion:164 Resp: 293278

Ion Ratio Lower Upper

164 100

162 98.9 85.1 127.7

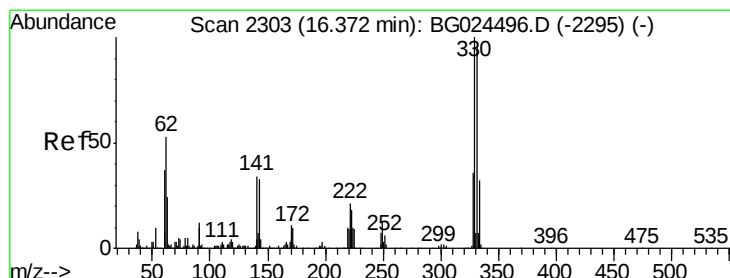
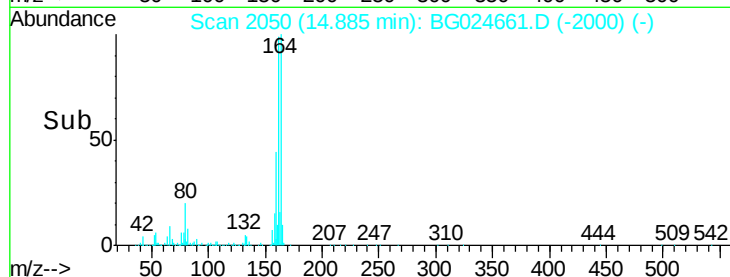
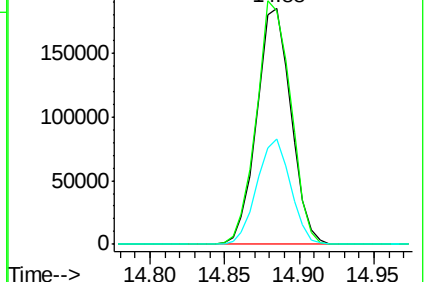
160 44.4 34.7 52.1



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: 138.41 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024661.D

Acq: 4 Nov 2016 00:19

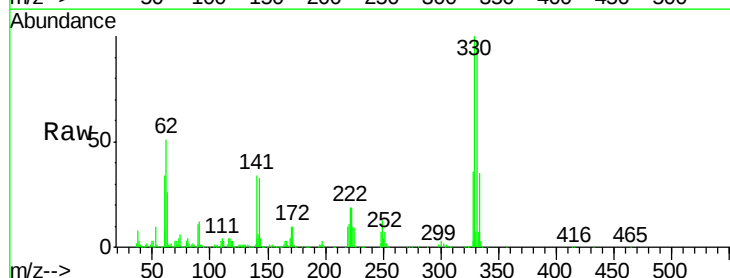
Tgt Ion:330 Resp: 606412

Ion Ratio Lower Upper

330 100

332 98.4 77.3 115.9

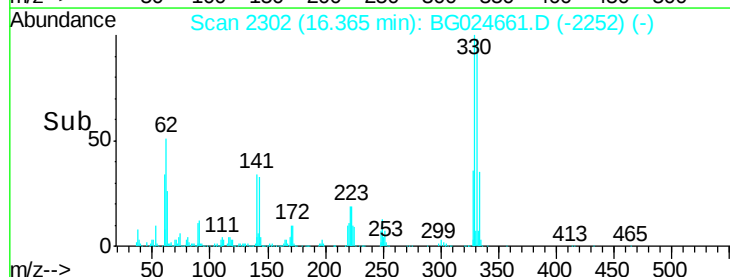
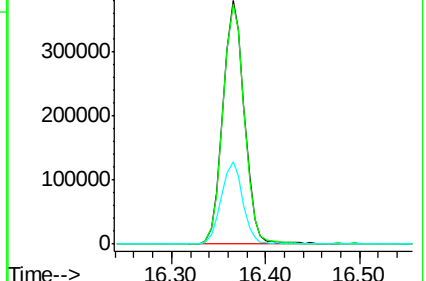
141 34.2 32.1 48.1



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

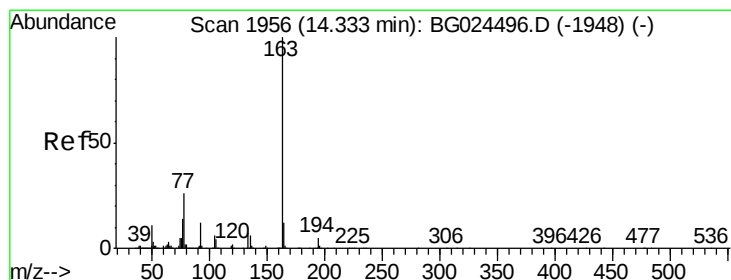
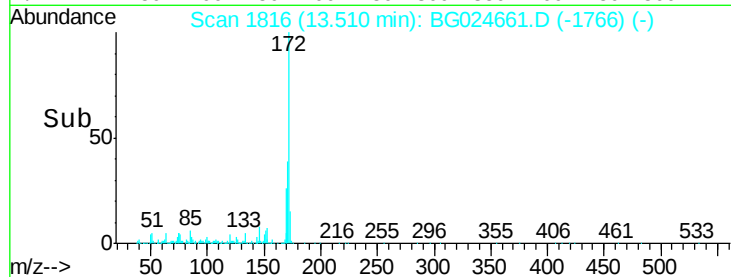
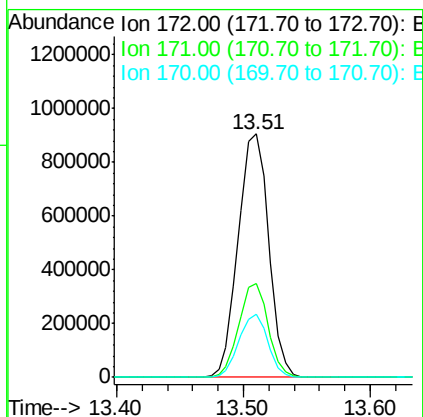
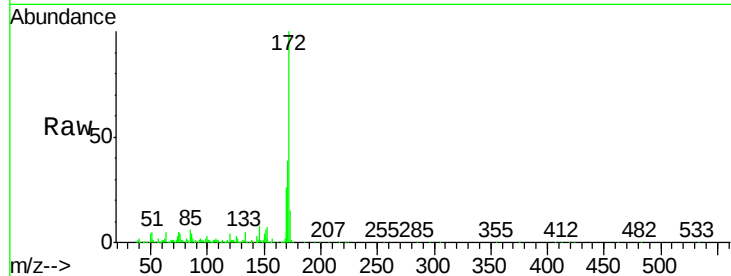




#44
2-Fluorobiphenyl
Concen: 85.71 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

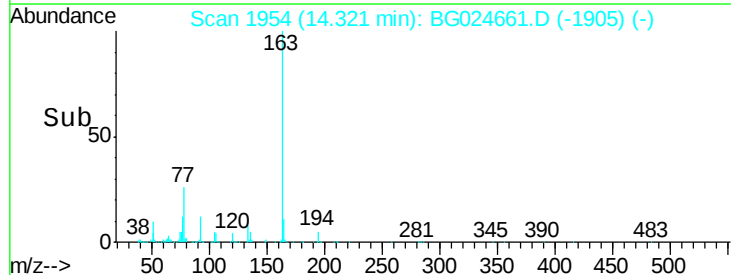
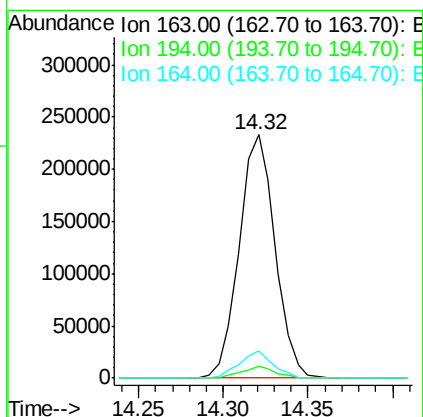
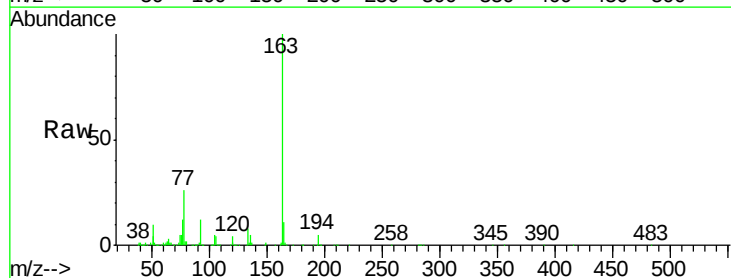
Instrument :
BNA_G
ClientSampleId :
SB-79-9.5-10.0

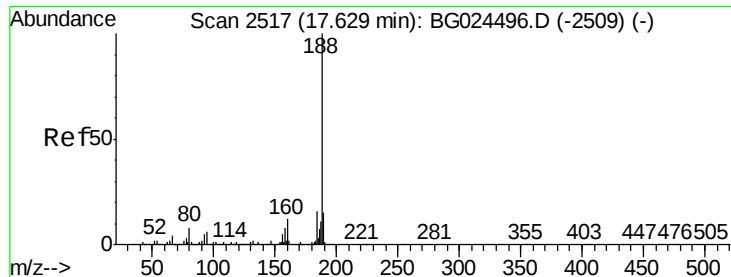
Tgt Ion:172 Resp: 1512281
Ion Ratio Lower Upper
172 100
171 38.7 32.2 48.2
170 25.9 21.8 32.6



#49
Dimethylphthalate
Concen: 16.53 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Tgt Ion:163 Resp: 344150
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 11.1 9.3 13.9

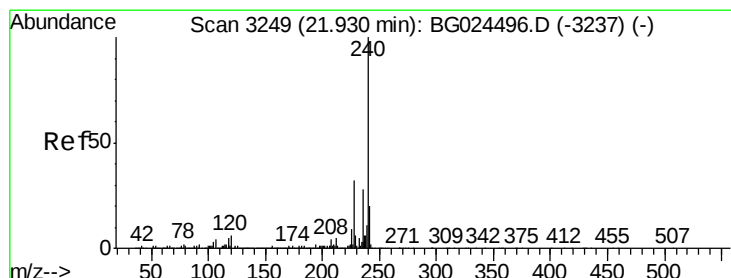
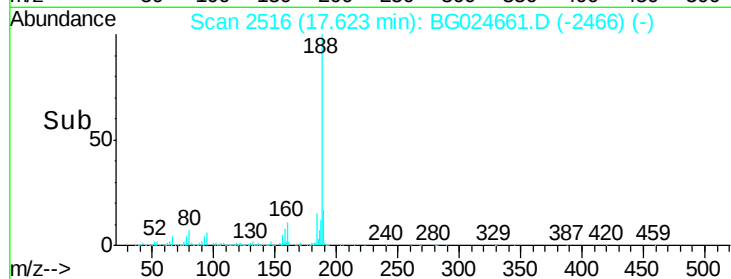
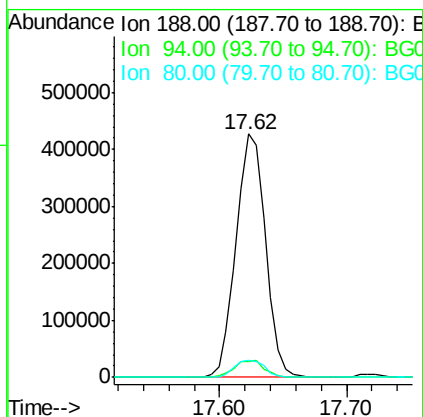
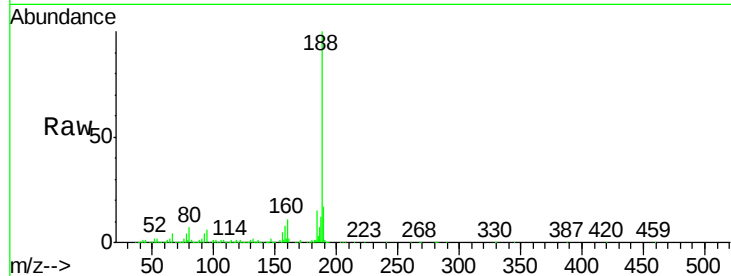




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

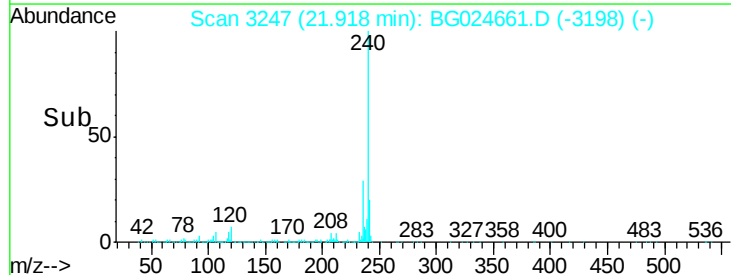
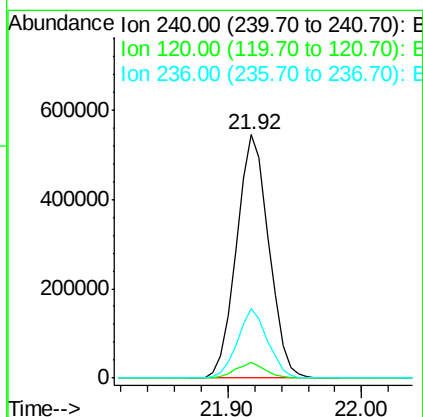
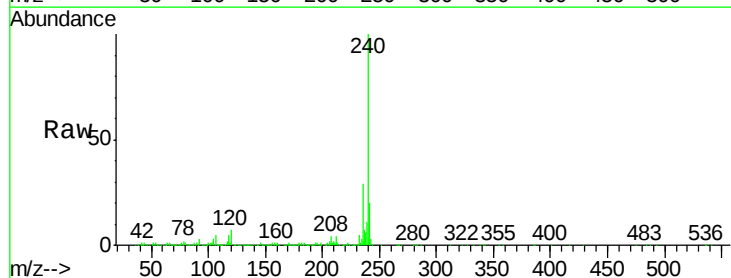
Instrument :
BNA_G
ClientSampleId :
SB-79-9.5-10.0

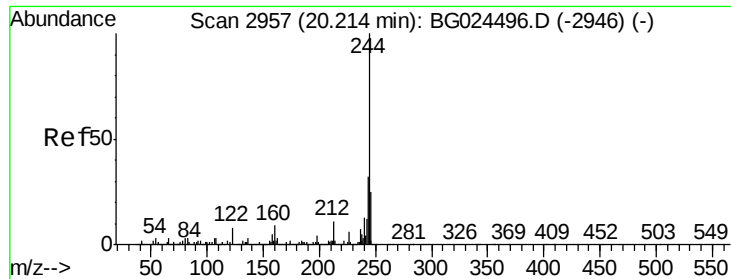
Tgt Ion:188 Resp: 687825
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 7.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Tgt Ion:240 Resp: 912826
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 28.8 22.2 33.4





#78

Terphenyl-d14

Concen: 84.45 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024661.D

Acq: 4 Nov 2016 00:19

Instrument :

BNA_G

ClientSampleId :

SB-79-9.5-10.0

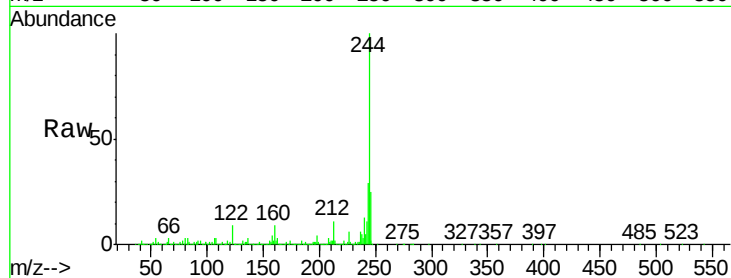
Tgt Ion:244 Resp: 2579959

Ion Ratio Lower Upper

244 100

212 10.6 10.0 15.0

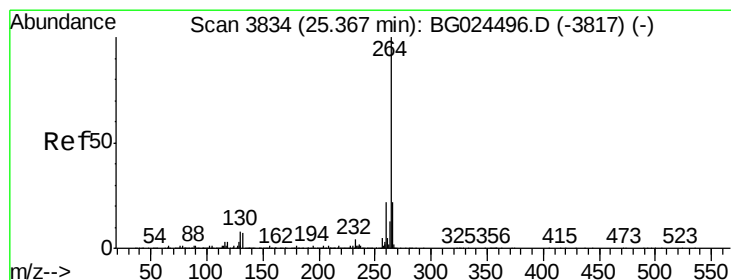
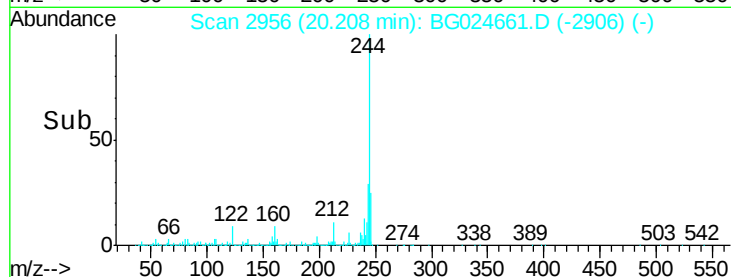
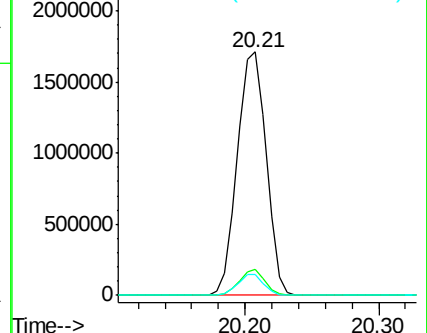
122 8.8 8.6 12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024661.D

Acq: 4 Nov 2016 00:19

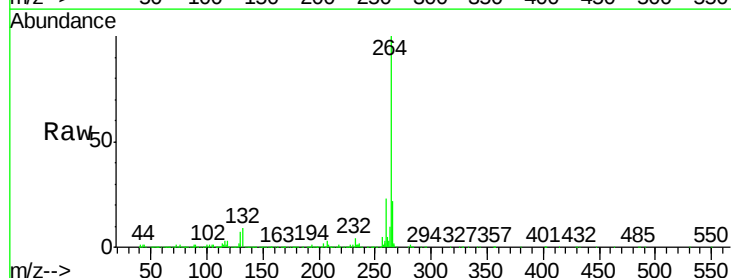
Tgt Ion:264 Resp: 955198

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 21.7 18.2 27.4



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

