

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
 Data File : BG024522.D
 Acq On : 27 Oct 2016 10:00
 Operator : UM/SJ
 Sample : H5408-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2RE

Quant Time: Oct 28 02:10:13 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

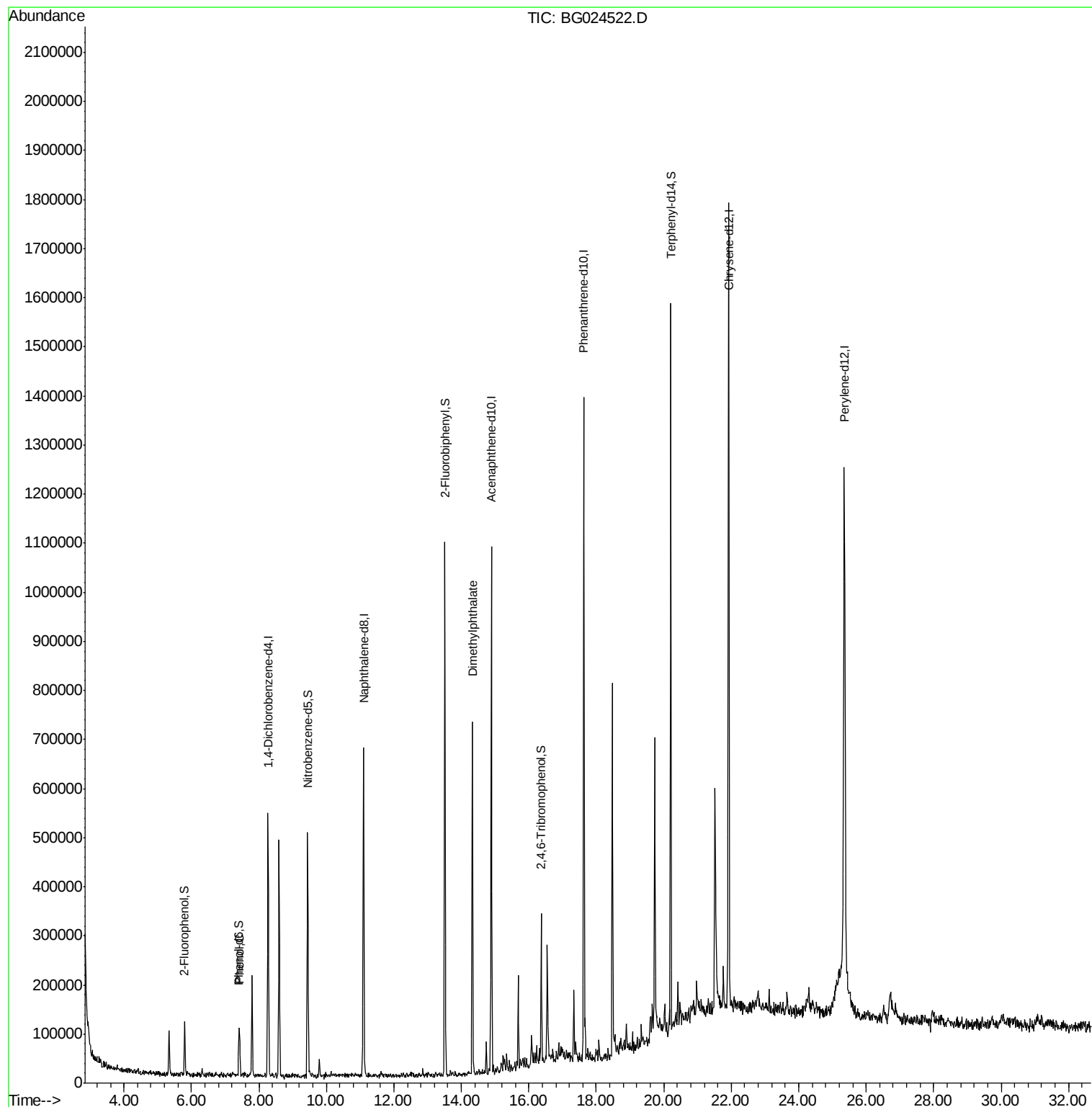
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	143055	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	529207	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	386005	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	839841	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1128027	20.00	ng	0.00
86) Perylene-d12	25.35	264	1208567	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	45454	5.21	ng	0.00
7) Phenol-d6	7.40	99	42285	3.53	ng	0.00
23) Nitrobenzene-d5	9.44	82	306700	26.39	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	63137	10.95	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	542771	23.37	ng	0.00
78) Terphenyl-d14	20.21	244	667045	17.67	ng	0.00
Target Compounds						
10) Phenol	7.43	94	44904	3.64	ng	87
49) Dimethylphthalate	14.33	163	437320	15.96	ng	96

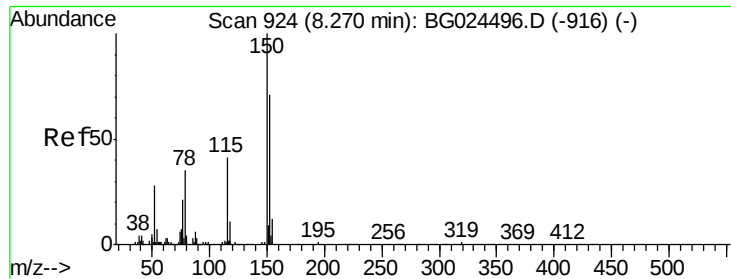
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024522.D

Acq: 27 Oct 2016 10:00

Instrument :

BNA_G

ClientSampleId :

MW-2RE

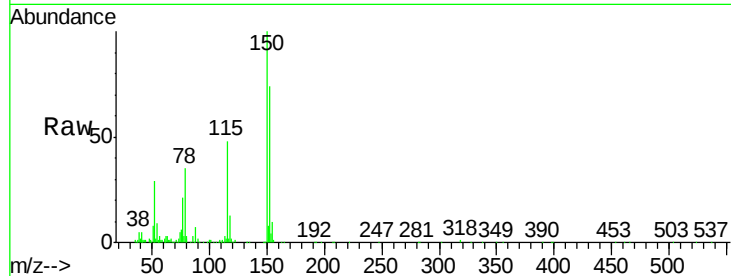
Tgt Ion:152 Resp: 143055

Ion Ratio Lower Upper

152 100

150 135.9 114.0 171.0

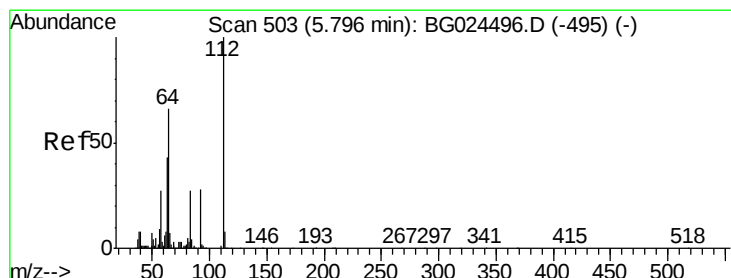
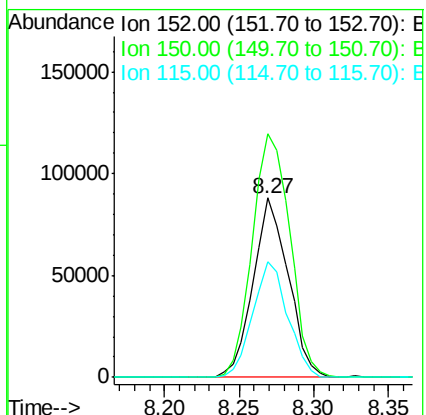
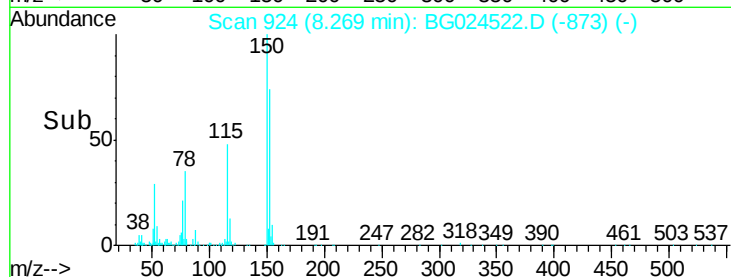
115 64.6 48.1 72.1



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: 5.21 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024522.D

Acq: 27 Oct 2016 10:00

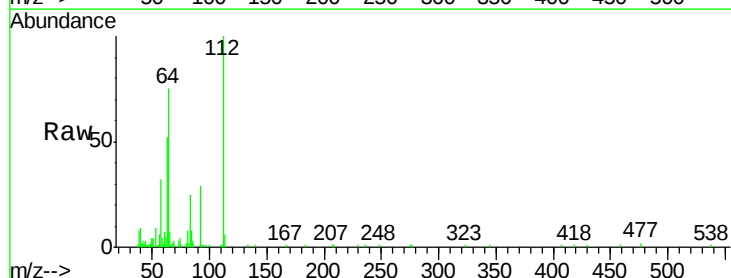
Tgt Ion:112 Resp: 45454

Ion Ratio Lower Upper

112 100

64 75.4 61.8 92.6

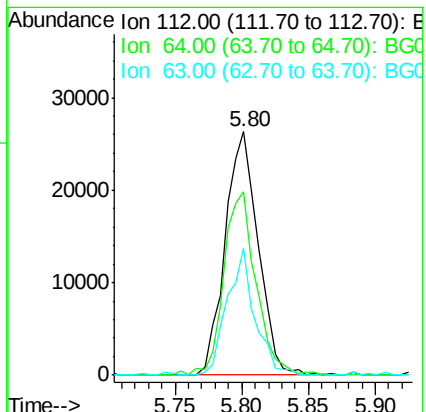
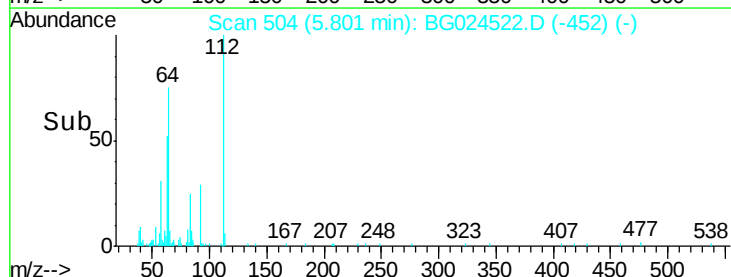
63 52.0 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 3.53 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024522.D

Acq: 27 Oct 2016 10:00

Instrument :

BNA_G

ClientSampleId :

MW-2RE

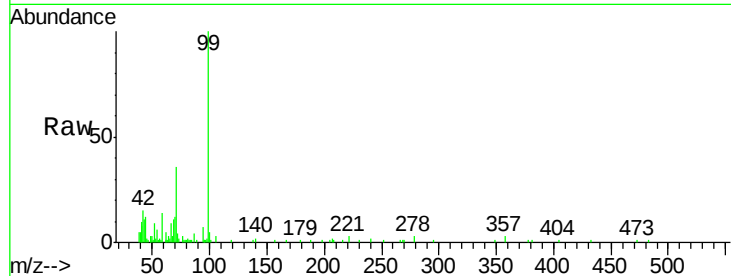
Tgt Ion: 99 Resp: 42285

Ion Ratio Lower Upper

99 100

42 14.6 20.5 30.7#

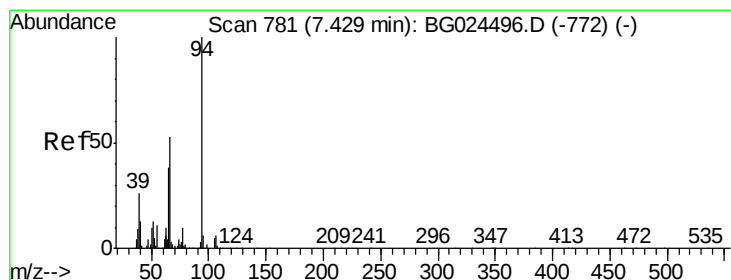
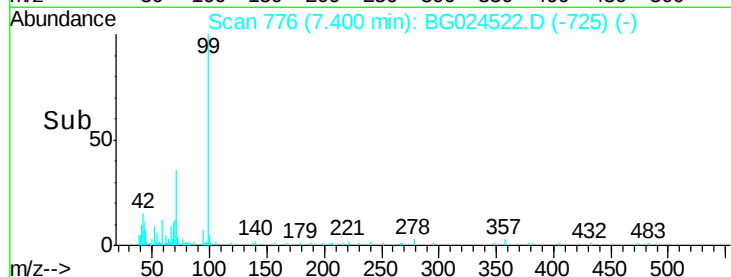
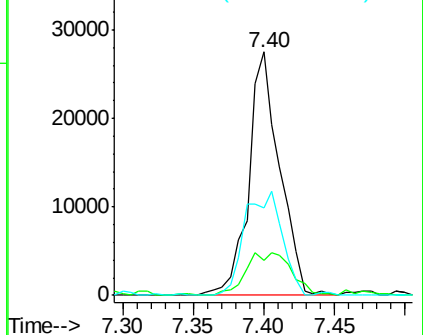
71 35.8 37.6 56.4#



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: 3.64 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024522.D

Acq: 27 Oct 2016 10:00

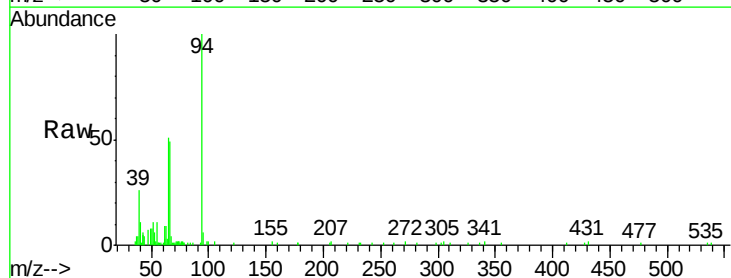
Tgt Ion: 94 Resp: 44904

Ion Ratio Lower Upper

94 100

65 51.2 20.6 60.6

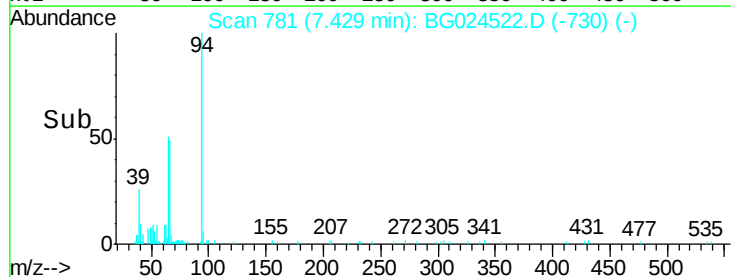
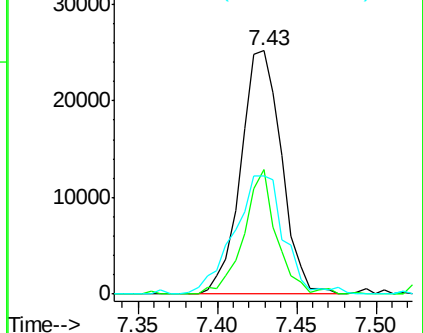
66 48.7 35.5 75.5



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

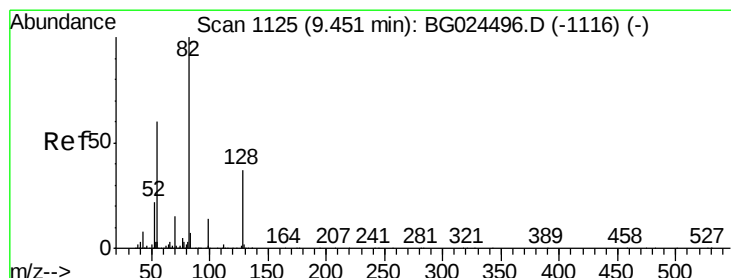
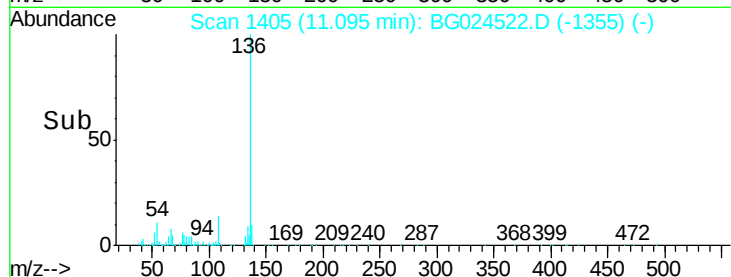
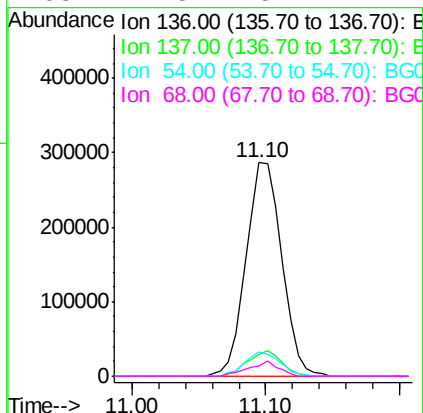
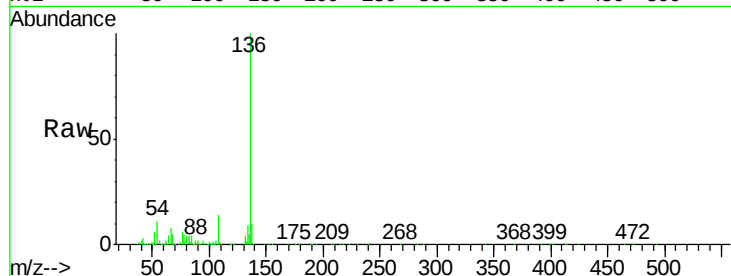




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

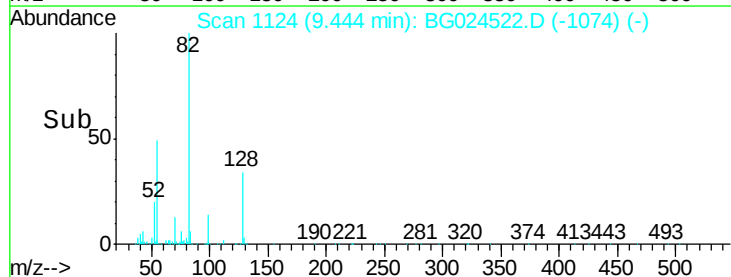
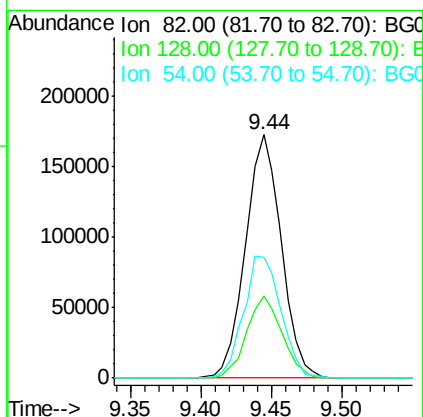
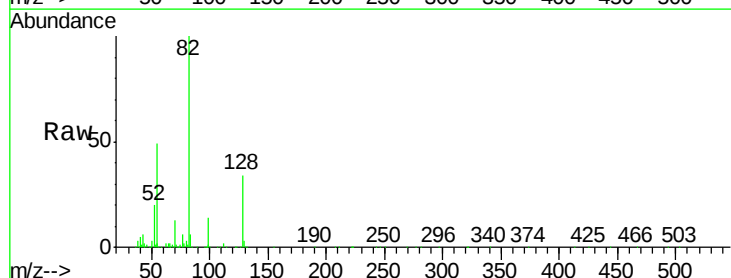
Instrument :
BNA_G
ClientSampleId :
MW-2RE

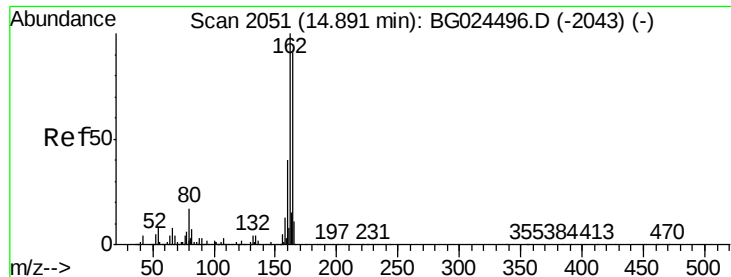
Tgt Ion:	136	Resp:	529207
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.2	9.3	13.9
68	4.8	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 26.39 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Tgt Ion:	82	Resp:	306700
Ion	Ratio	Lower	Upper
82	100		
128	33.9	26.4	39.6
54	49.4	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG024522.D

Acq: 27 Oct 2016 10:00

Instrument :

BNA_G

ClientSampleId :

MW-2RE

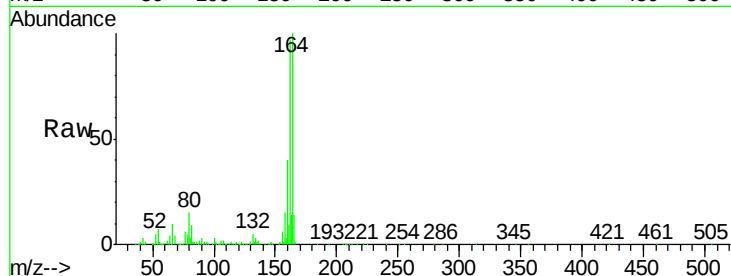
Tgt Ion:164 Resp: 386005

Ion Ratio Lower Upper

164 100

162 97.4 85.1 127.7

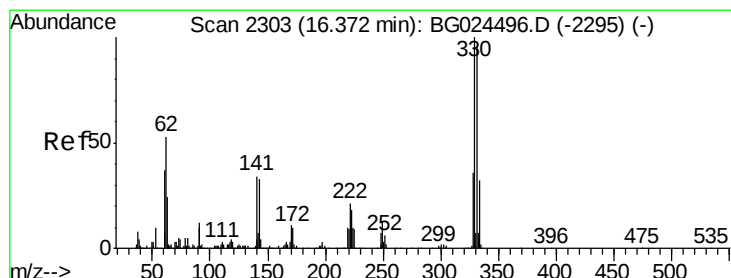
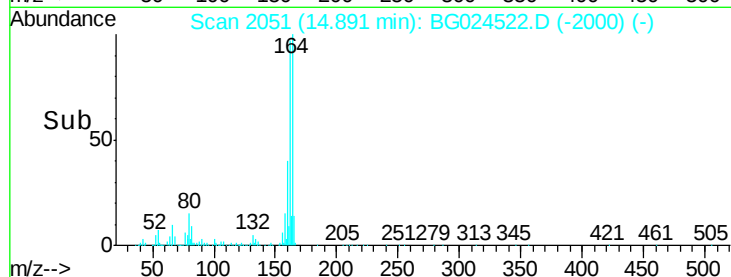
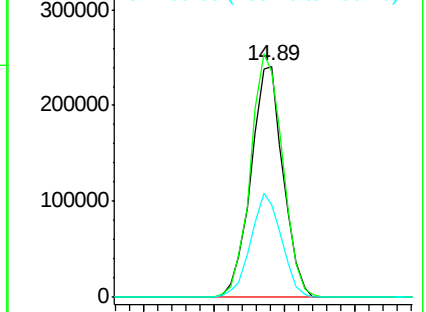
160 40.3 34.7 52.1



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: 10.95 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024522.D

Acq: 27 Oct 2016 10:00

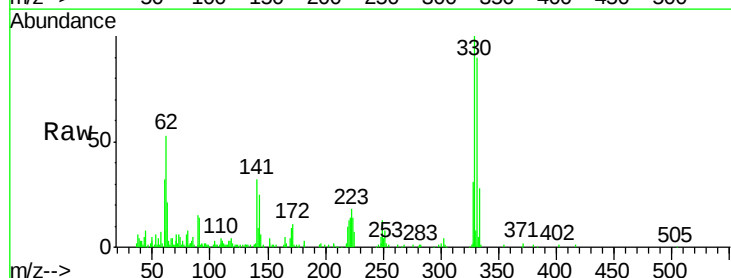
Tgt Ion:330 Resp: 63137

Ion Ratio Lower Upper

330 100

332 84.2 77.3 115.9

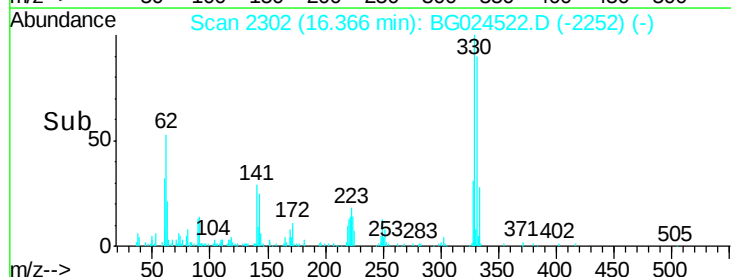
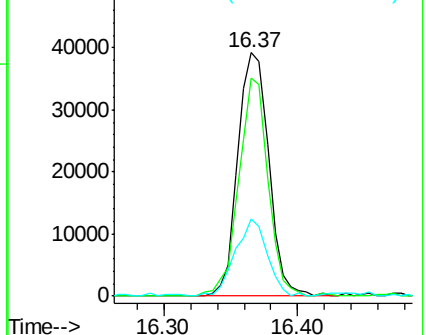
141 32.5 32.1 48.1

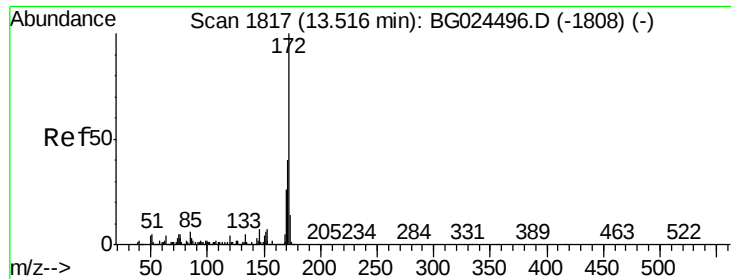


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

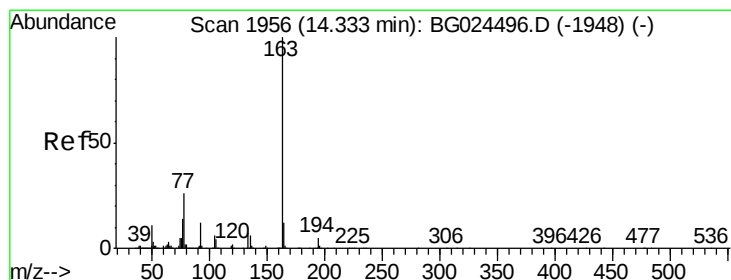
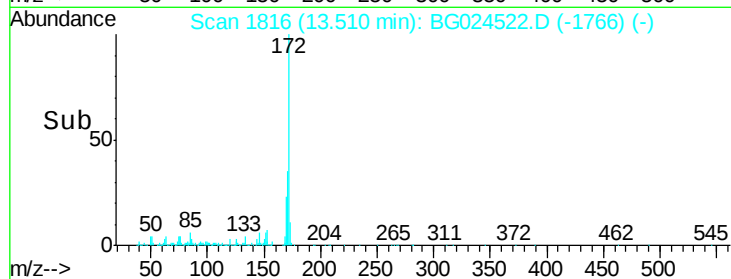
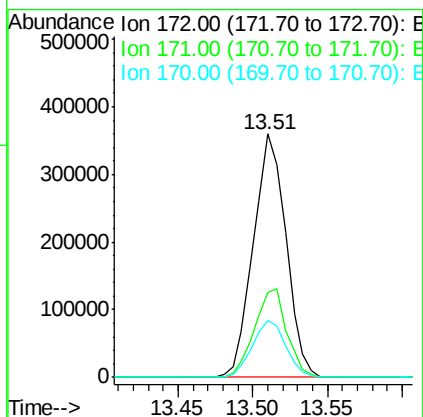
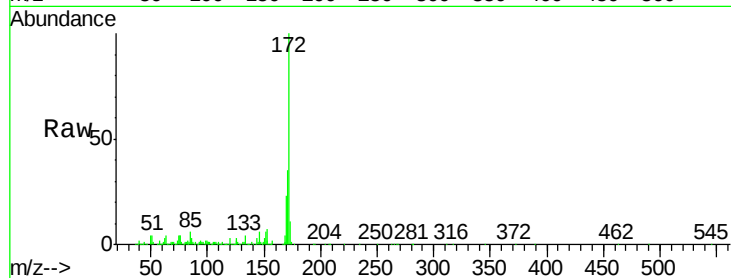




#44
2-Fluorobiphenyl
Concen: 23.37 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

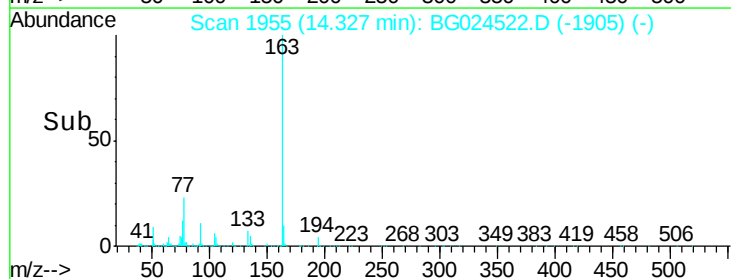
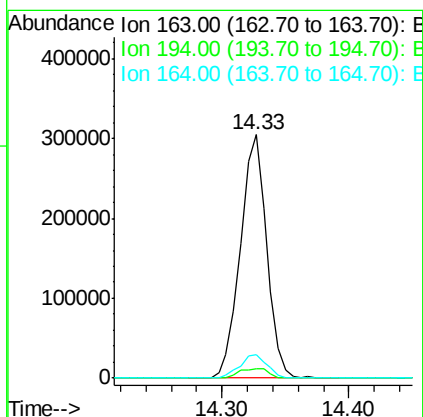
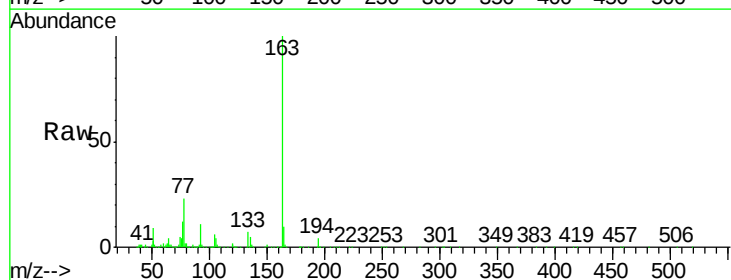
Instrument :
BNA_G
ClientSampleId :
MW-2RE

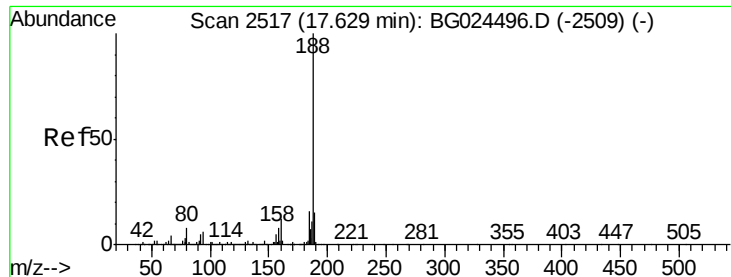
Tgt Ion:172 Resp: 542771
Ion Ratio Lower Upper
172 100
171 34.9 32.2 48.2
170 23.2 21.8 32.6



#49
Dimethylphthalate
Concen: 15.96 ng
RT: 14.33 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Tgt Ion:163 Resp: 437320
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.6
164 9.6 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024522.D

Acq: 27 Oct 2016 10:00

Instrument :

BNA_G

ClientSampleId :

MW-2RE

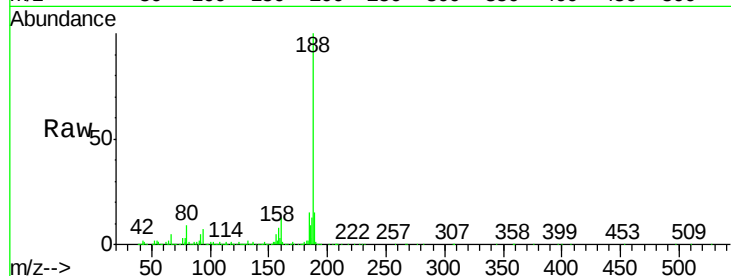
Tgt Ion:188 Resp: 839841

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

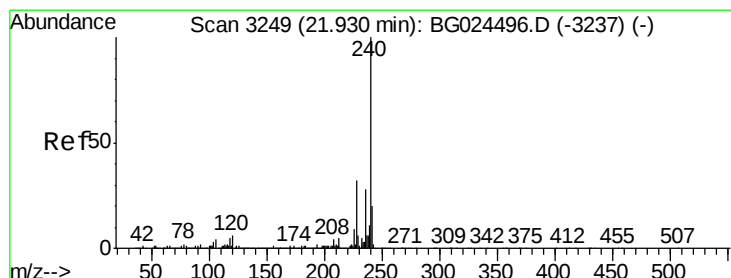
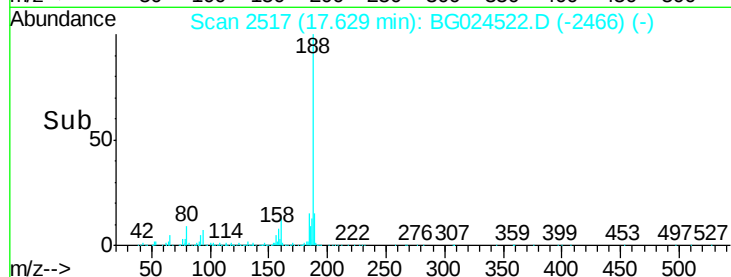
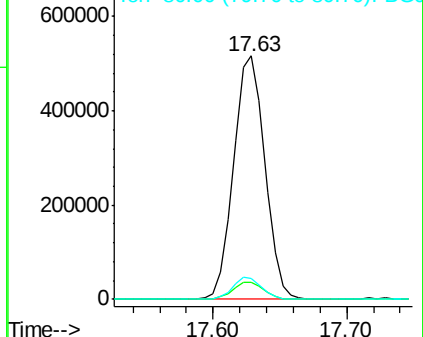
80 8.7 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024522.D

Acq: 27 Oct 2016 10:00

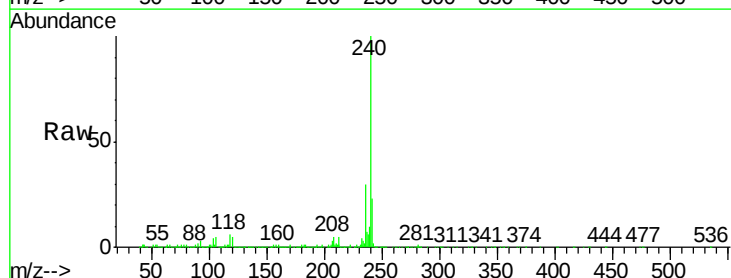
Tgt Ion:240 Resp: 1128027

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

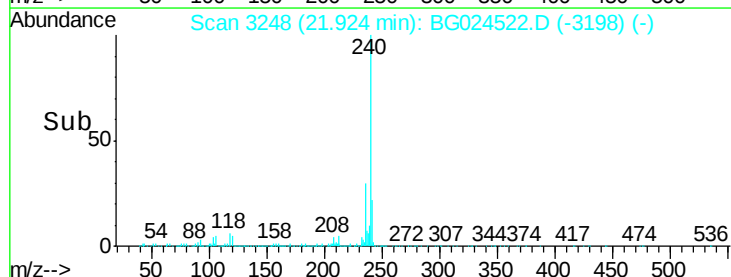
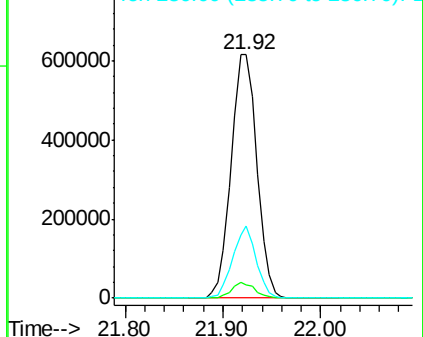
236 29.5 22.2 33.4

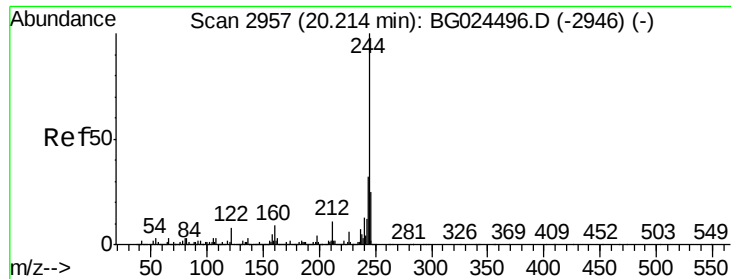


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

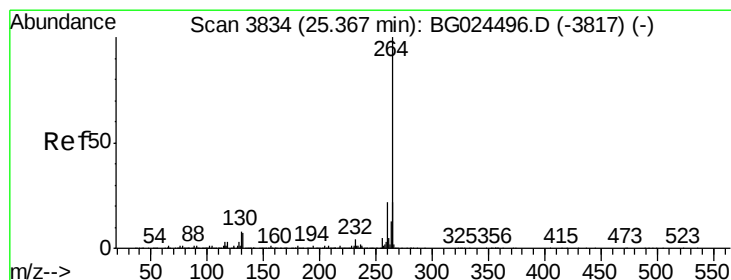
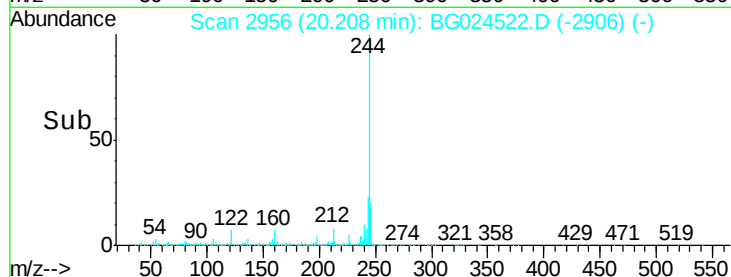
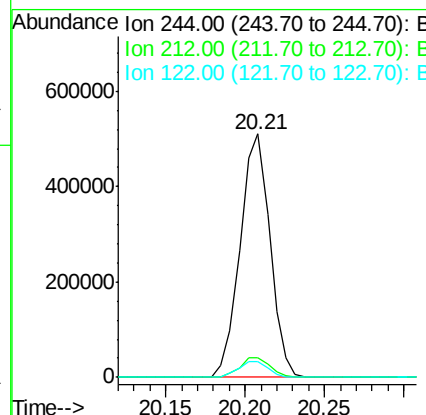
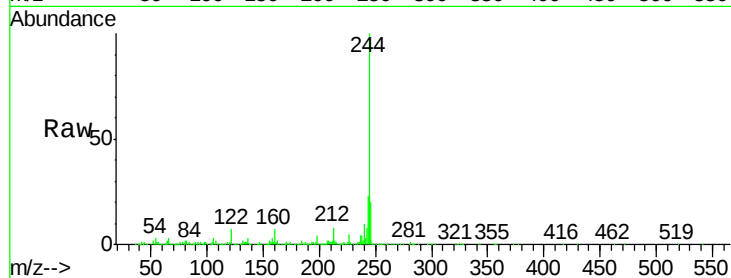




#78
 Terphenyl-d14
 Concen: 17.67 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024522.D
 Acq: 27 Oct 2016 10:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-2RE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	6.7	8.6	12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3831
 Delta R.T. -0.02 min
 Lab File: BG024522.D
 Acq: 27 Oct 2016 10:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	20.6	18.2	27.4

