

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
 Data File : BG024531.D
 Acq On : 27 Oct 2016 21:30
 Operator : UM/SJ
 Sample : H5432-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-1

Quant Time: Oct 28 02:15:08 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

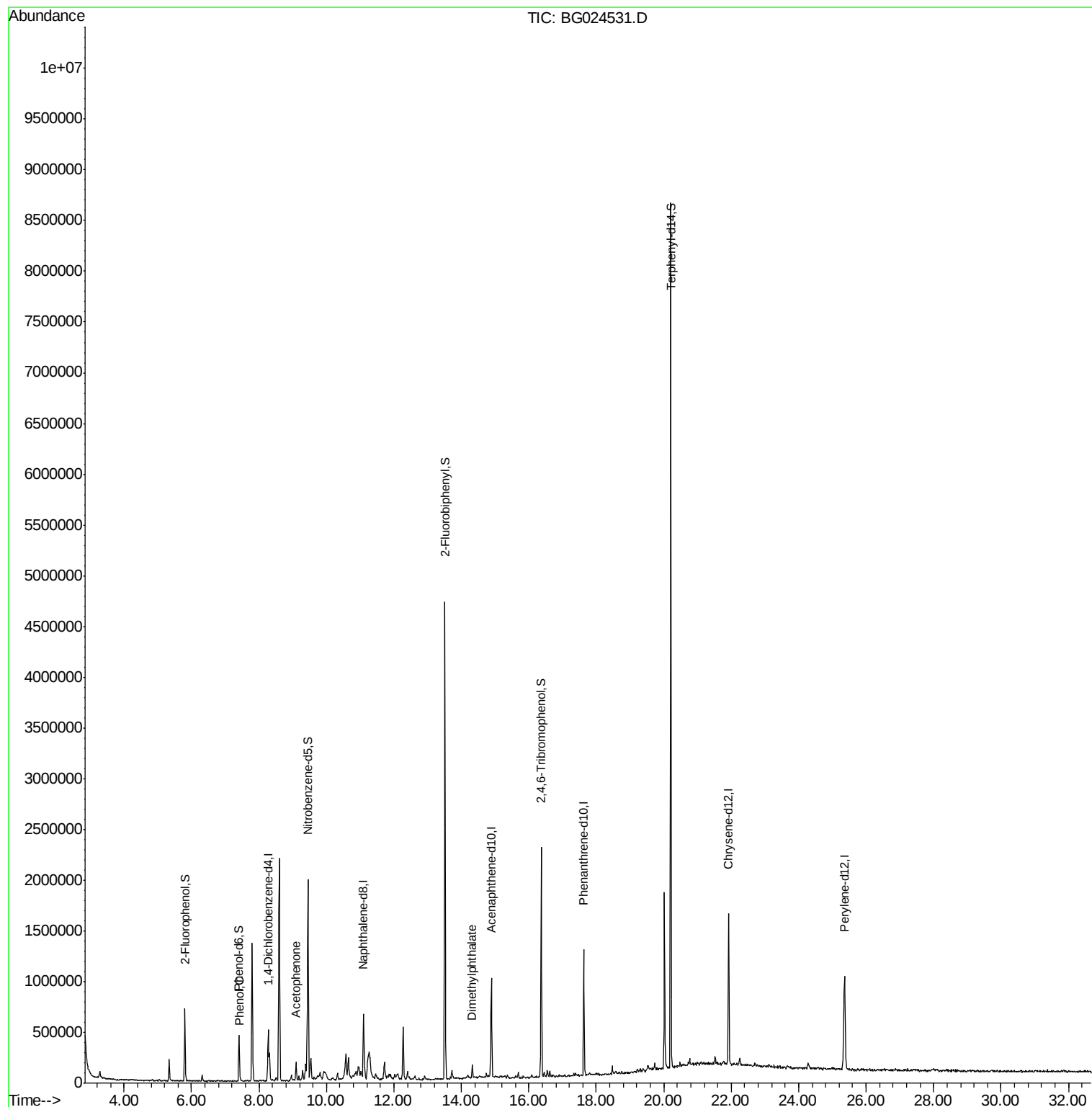
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	128371	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	497535	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	361146	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	785535	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1024188	20.00	ng	0.00
86) Perylene-d12	25.36	264	1114896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	289366	36.95	ng	0.00
7) Phenol-d6	7.41	99	247893	23.07	ng	0.00
23) Nitrobenzene-d5	9.45	82	1218297	111.49	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	454762	84.29	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2278350	104.86	ng	0.00
78) Terphenyl-d14	20.21	244	3195316	93.22	ng	0.00
Target Compounds						
10) Phenol	7.43	94	22210	2.01	ng	84
22) Acetophenone	9.10	105	90121	7.05	ng	92
49) Dimethylphthalate	14.32	163	74334	2.90	ng	# 93

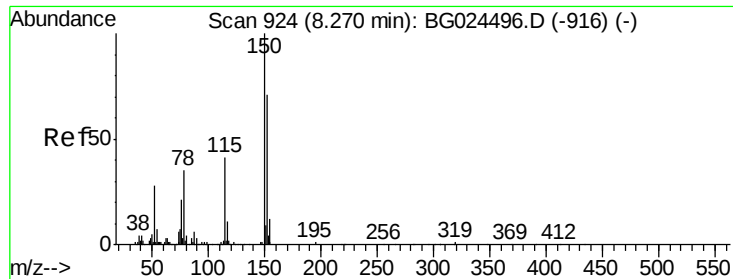
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

Instrument :

BNA_G

ClientSampleId :

GW-1

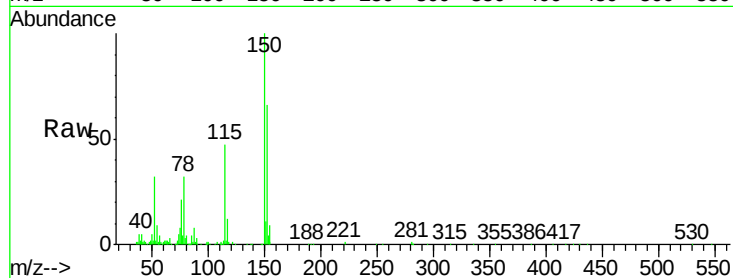
Tgt Ion:152 Resp: 128371

Ion Ratio Lower Upper

152 100

150 151.6 114.0 171.0

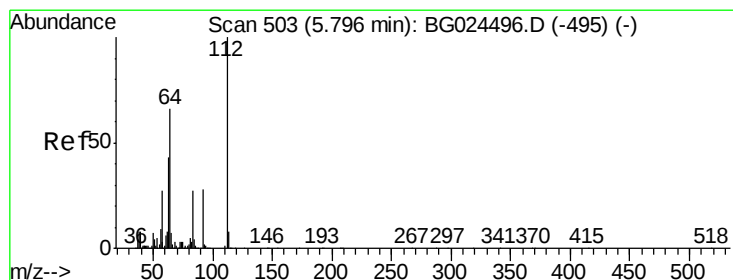
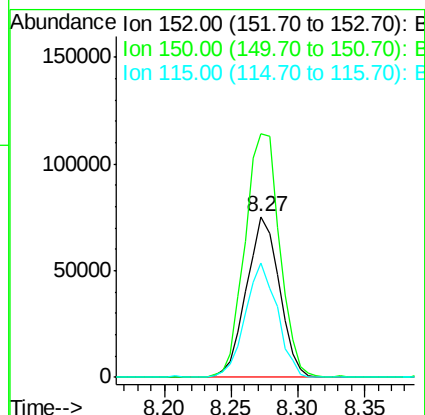
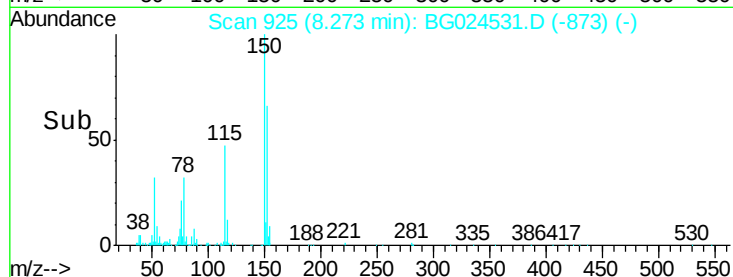
115 71.1 48.1 72.1



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: 36.95 ng

RT: 5.80 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

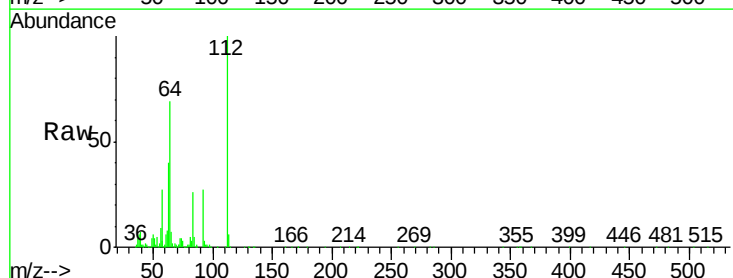
Tgt Ion:112 Resp: 289366

Ion Ratio Lower Upper

112 100

64 69.2 61.8 92.6

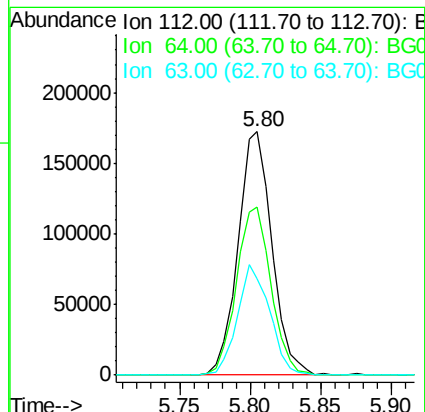
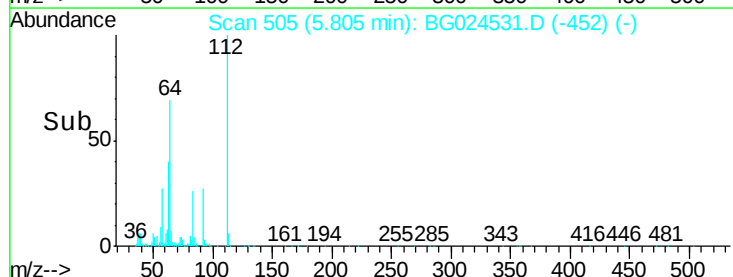
63 39.5 37.2 55.8

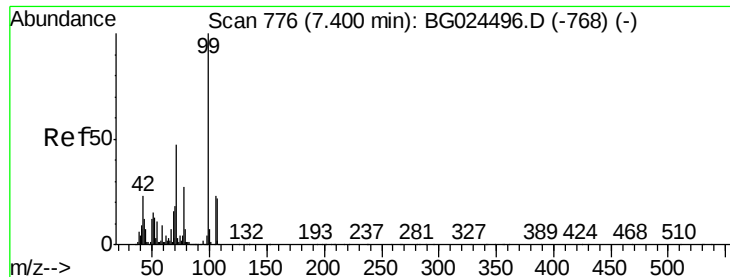


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.07 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

Instrument :

BNA_G

ClientSampleId :

GW-1

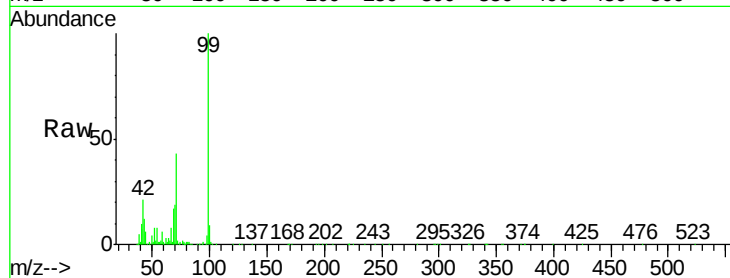
Tgt Ion: 99 Resp: 247893

Ion Ratio Lower Upper

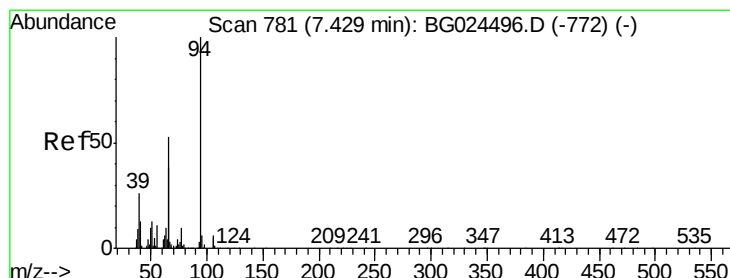
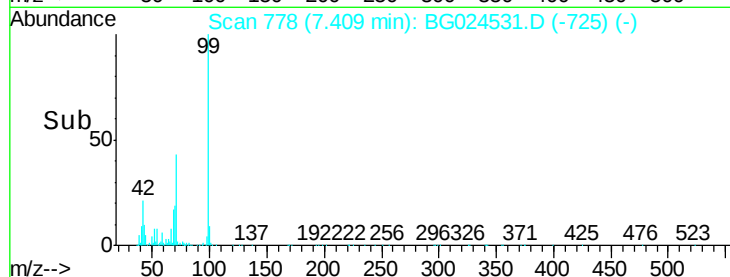
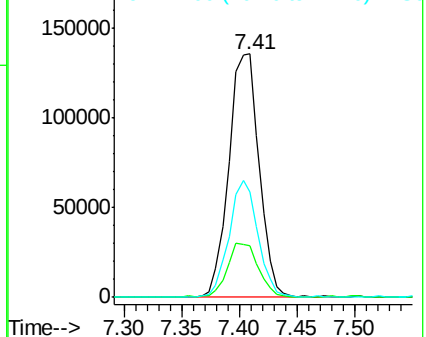
99 100

42 21.3 20.5 30.7

71 43.0 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: 2.01 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

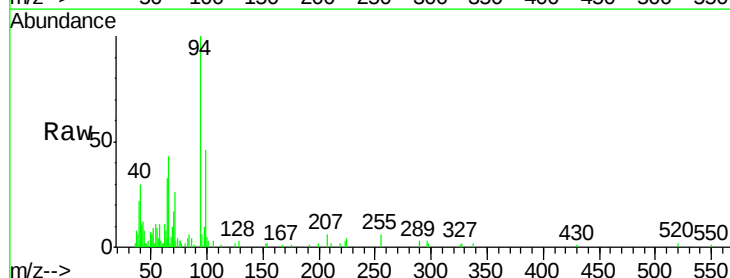
Tgt Ion: 94 Resp: 22210

Ion Ratio Lower Upper

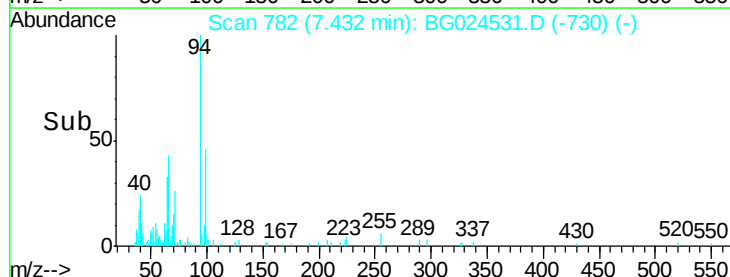
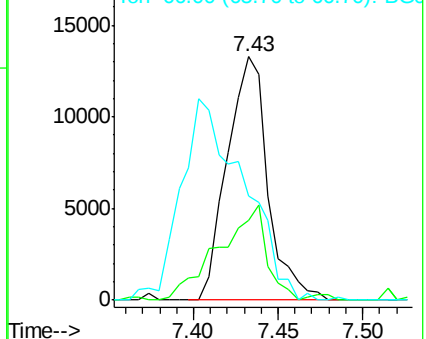
94 100

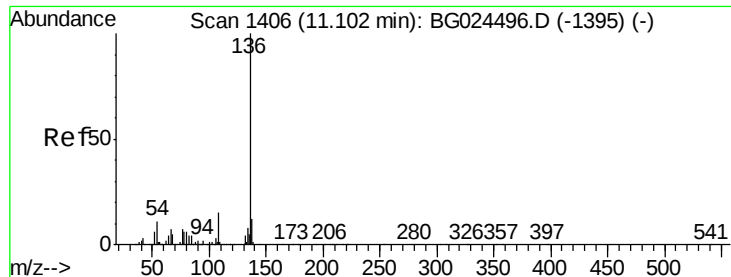
65 32.9 20.6 60.6

66 42.6 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# 1406

Delta R.T. -0.00 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

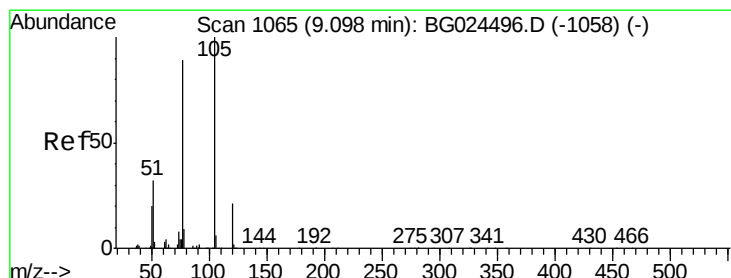
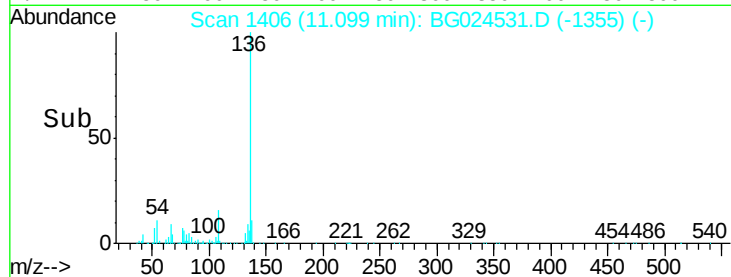
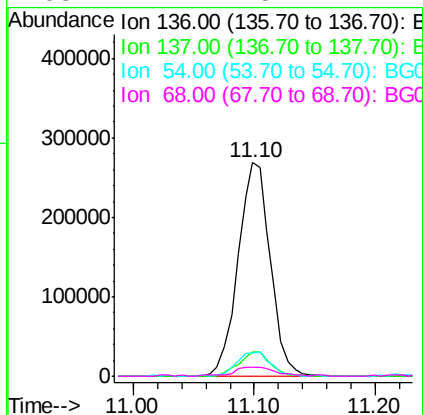
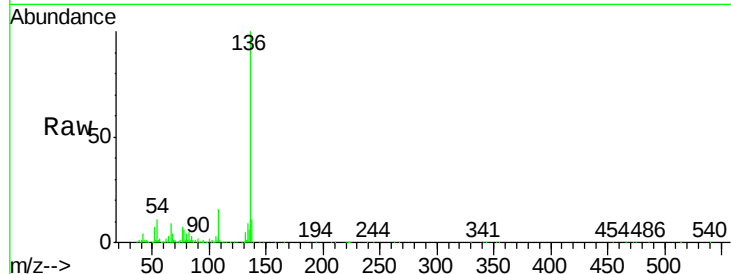
Instrument :

BNA_G

ClientSampleId :

GW-1

Tgt Ion:	136	Resp:	497535
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.1	9.3	13.9
68	4.1	5.1	7.7#



#22

Acetophenone

Concen: 7.05 ng

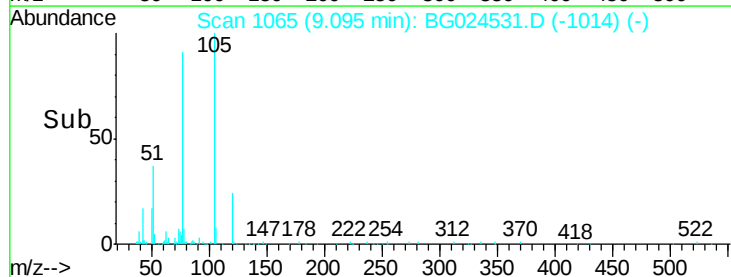
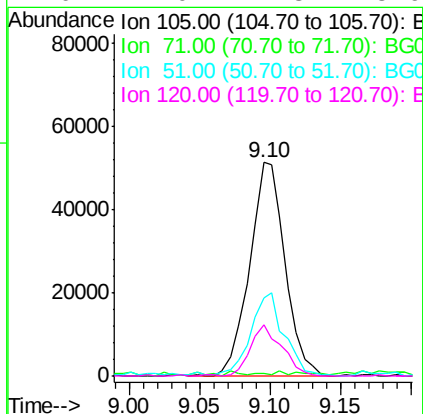
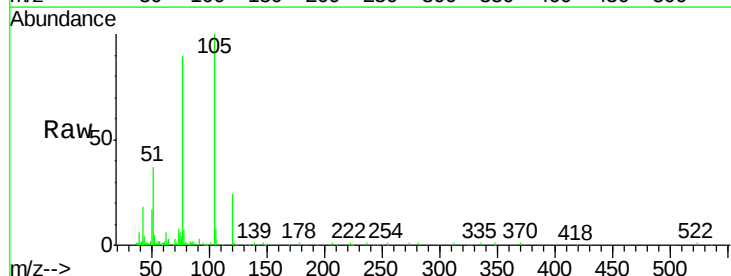
RT: 9.10 min Scan# 1065

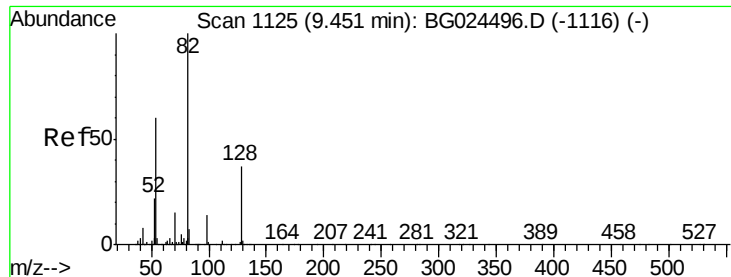
Delta R.T. -0.00 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

Tgt Ion:	105	Resp:	90121
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.9	1.3
51	36.8	34.0	51.0
120	24.0	17.3	25.9





#23

Nitrobenzene-d5

Concen: 111.49 ng

RT: 9.45 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

Instrument :

BNA_G

ClientSampleId :

GW-1

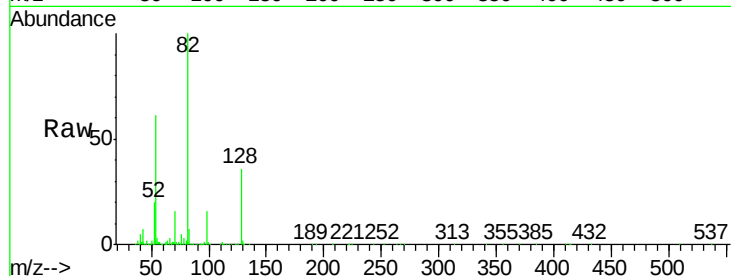
Tgt Ion: 82 Resp: 1218297

Ion Ratio Lower Upper

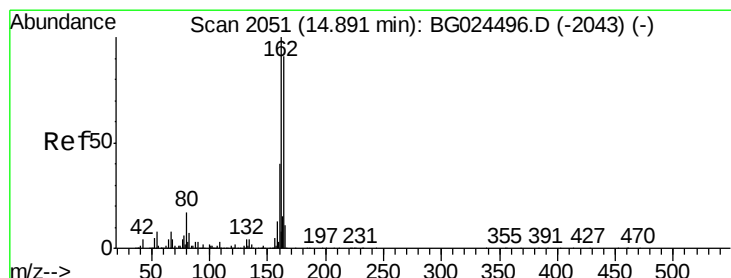
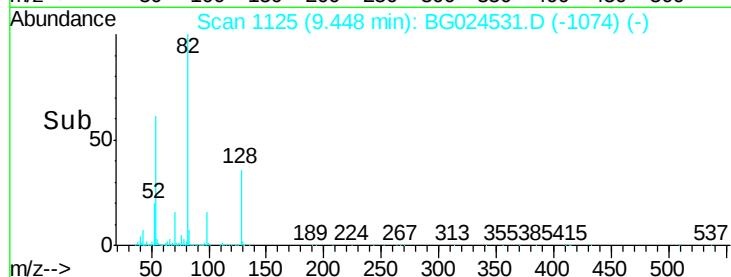
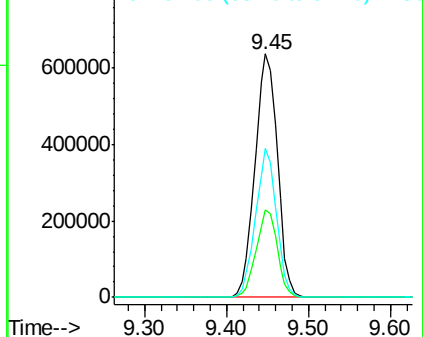
82 100

128 36.0 26.4 39.6

54 60.9 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

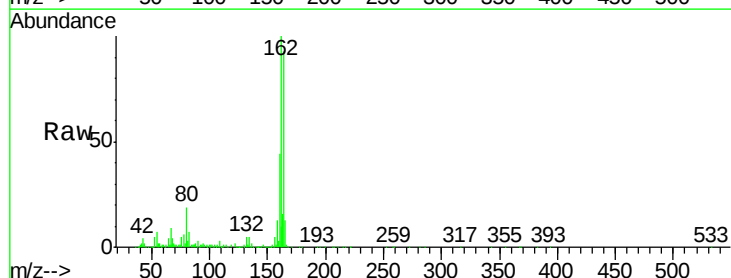
Tgt Ion: 164 Resp: 361146

Ion Ratio Lower Upper

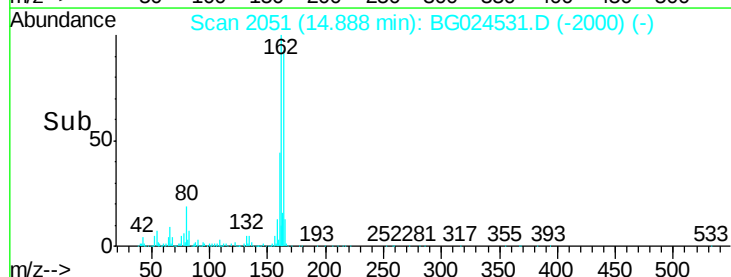
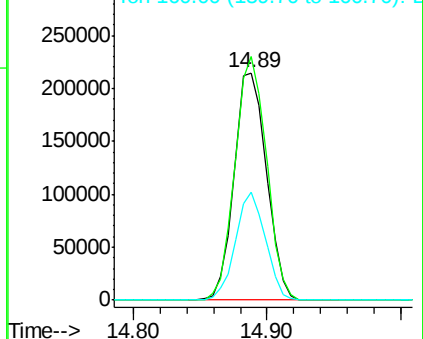
164 100

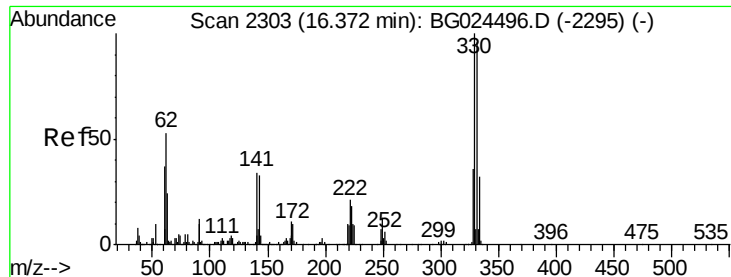
162 107.1 85.1 127.7

160 47.5 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 84.29 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

Instrument :

BNA_G

ClientSampleId :

GW-1

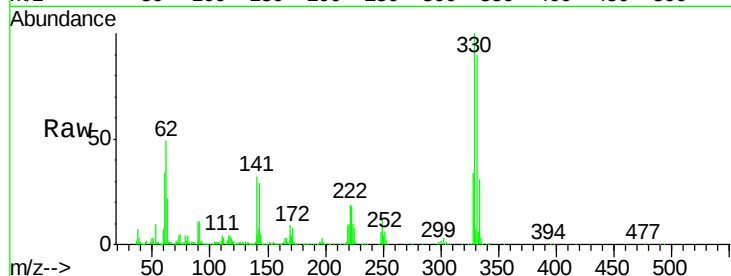
Tgt Ion:330 Resp: 454762

Ion Ratio Lower Upper

330 100

332 94.1 77.3 115.9

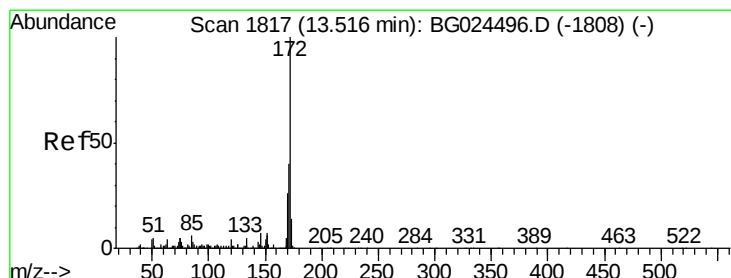
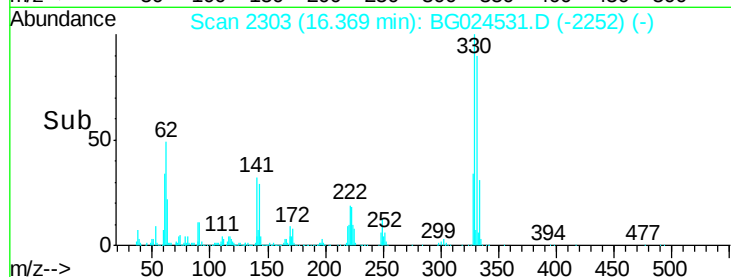
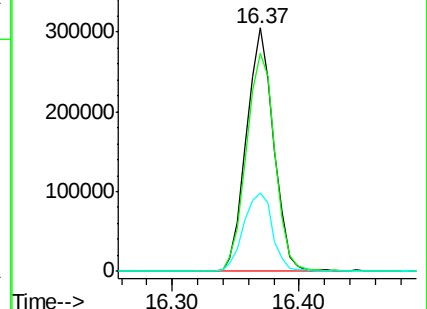
141 34.2 32.1 48.1



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: 104.86 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

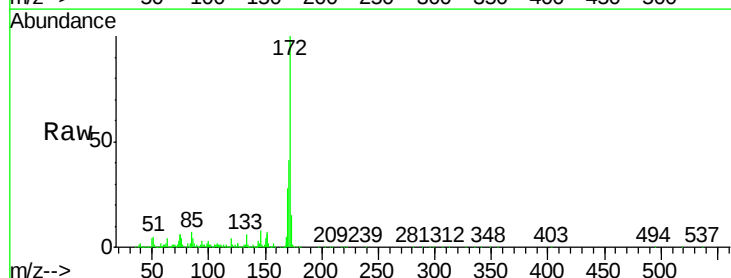
Tgt Ion:172 Resp: 2278350

Ion Ratio Lower Upper

172 100

171 41.3 32.2 48.2

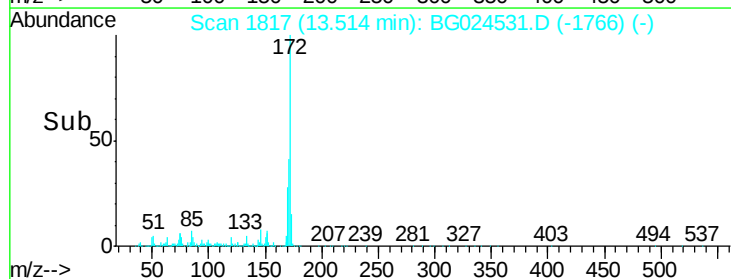
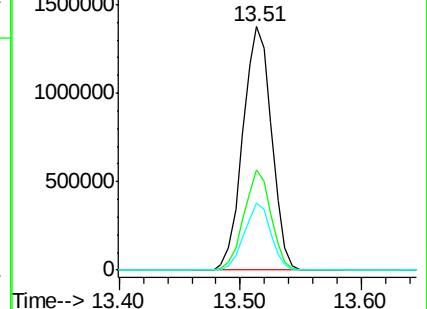
170 27.6 21.8 32.6

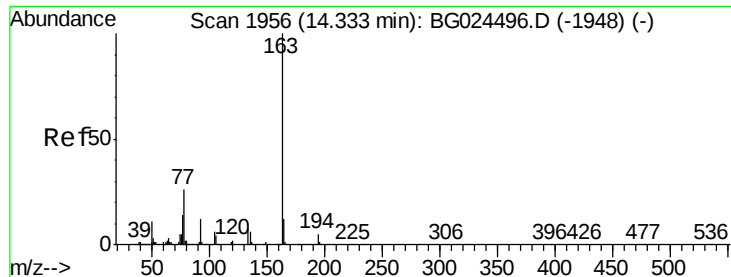


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.90 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

Instrument :

BNA_G

ClientSampleId :

GW-1

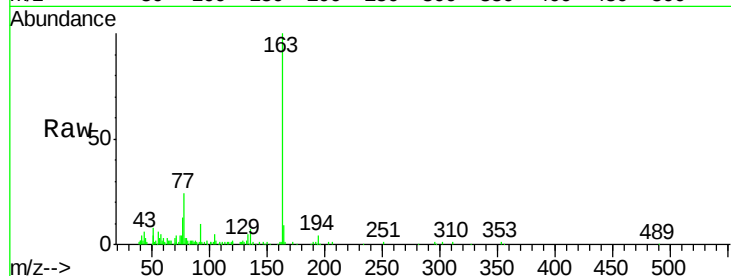
Tgt Ion:163 Resp: 74334

Ion Ratio Lower Upper

163 100

194 3.6 3.8 5.6#

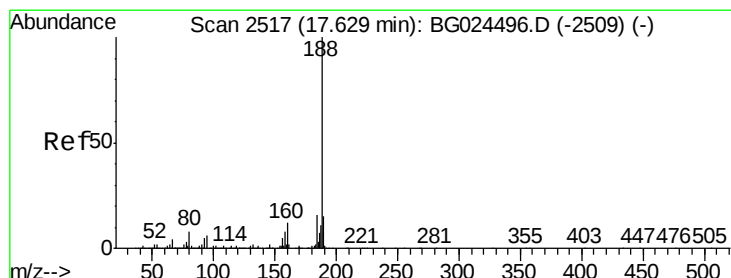
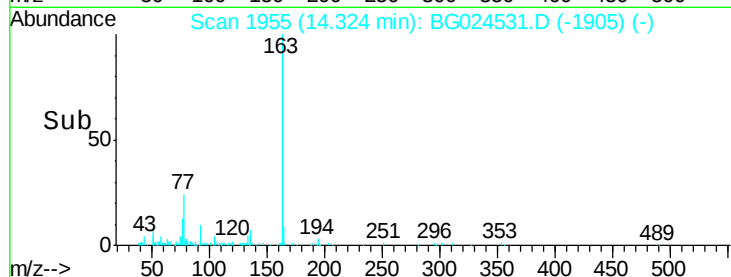
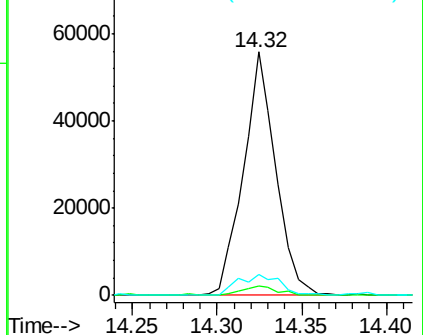
164 8.5 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024531.D

Acq: 27 Oct 2016 21:30

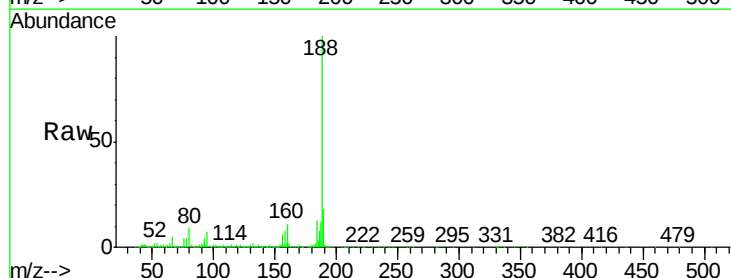
Tgt Ion:188 Resp: 785535

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

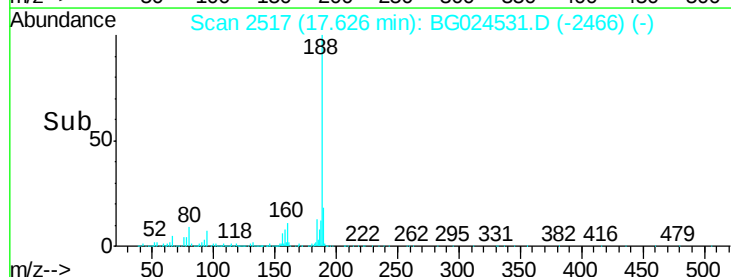
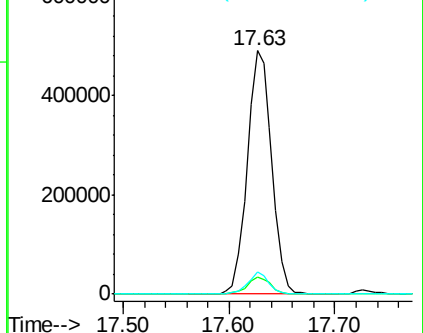
80 9.0 7.5 11.3

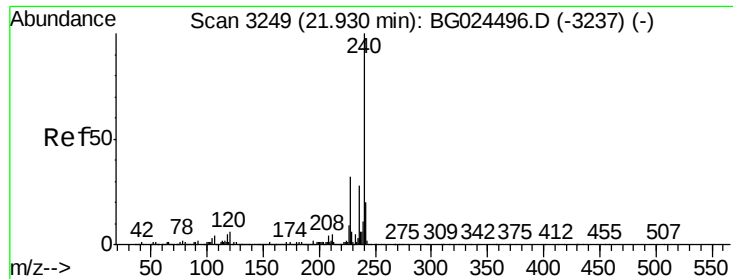


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

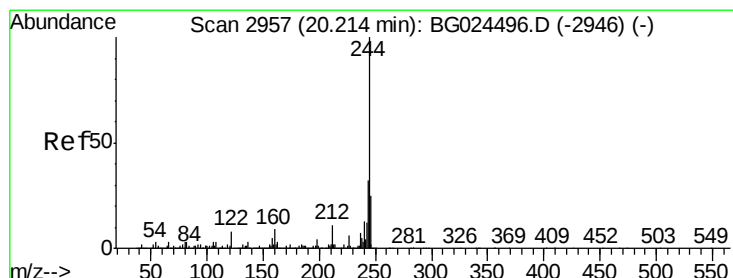
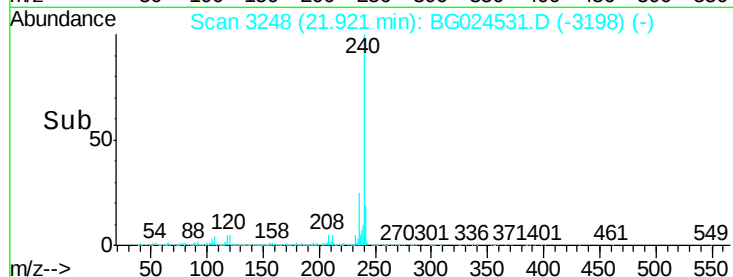
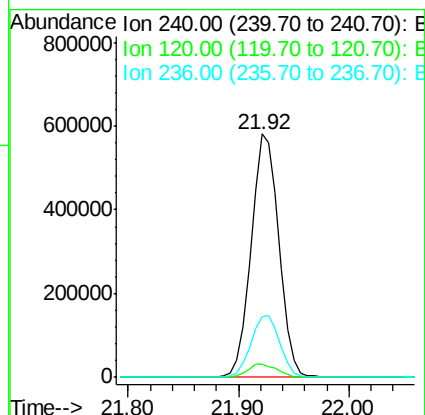
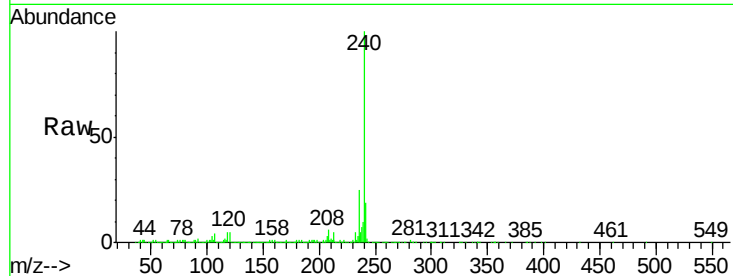




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

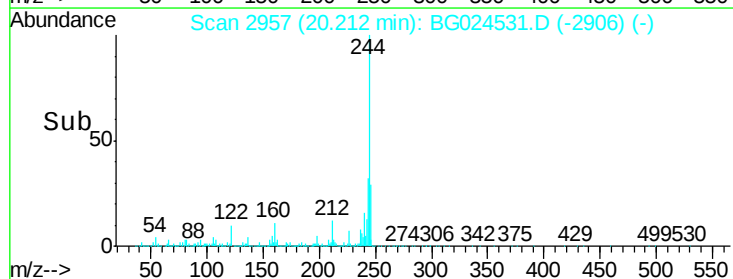
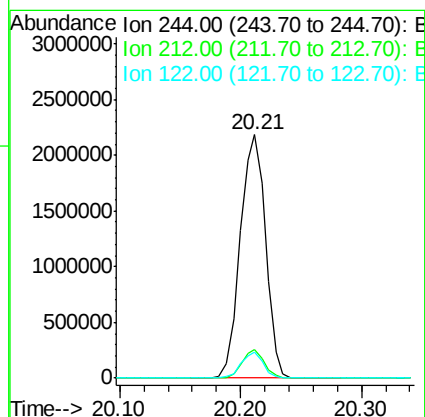
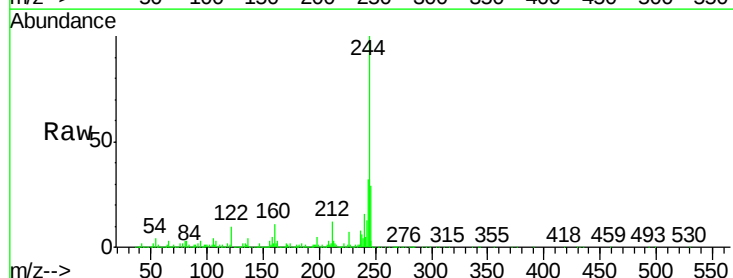
Instrument :
BNA_G
ClientSampleId :
GW-1

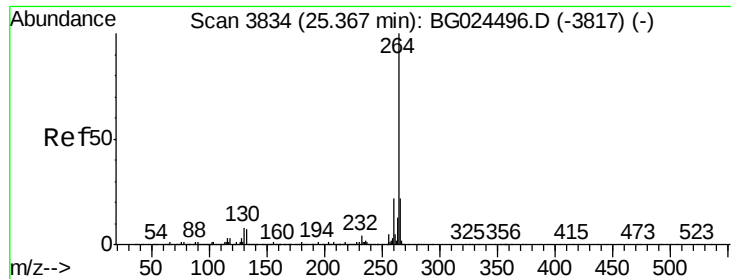
Tgt Ion:240 Resp: 1024188
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 24.8 22.2 33.4



#78
Terphenyl-d14
Concen: 93.22 ng
RT: 20.21 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Tgt Ion:244 Resp: 3195316
Ion Ratio Lower Upper
244 100
212 11.7 10.0 15.0
122 10.4 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion: 264 Resp: 1114896

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	22.1	18.2	27.4

