

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024714.D
 Acq On : 5 Nov 2016 15:55
 Operator : UM/SJ
 Sample : H5527-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-102-9.35-17.0

Quant Time: Nov 06 23:49:14 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

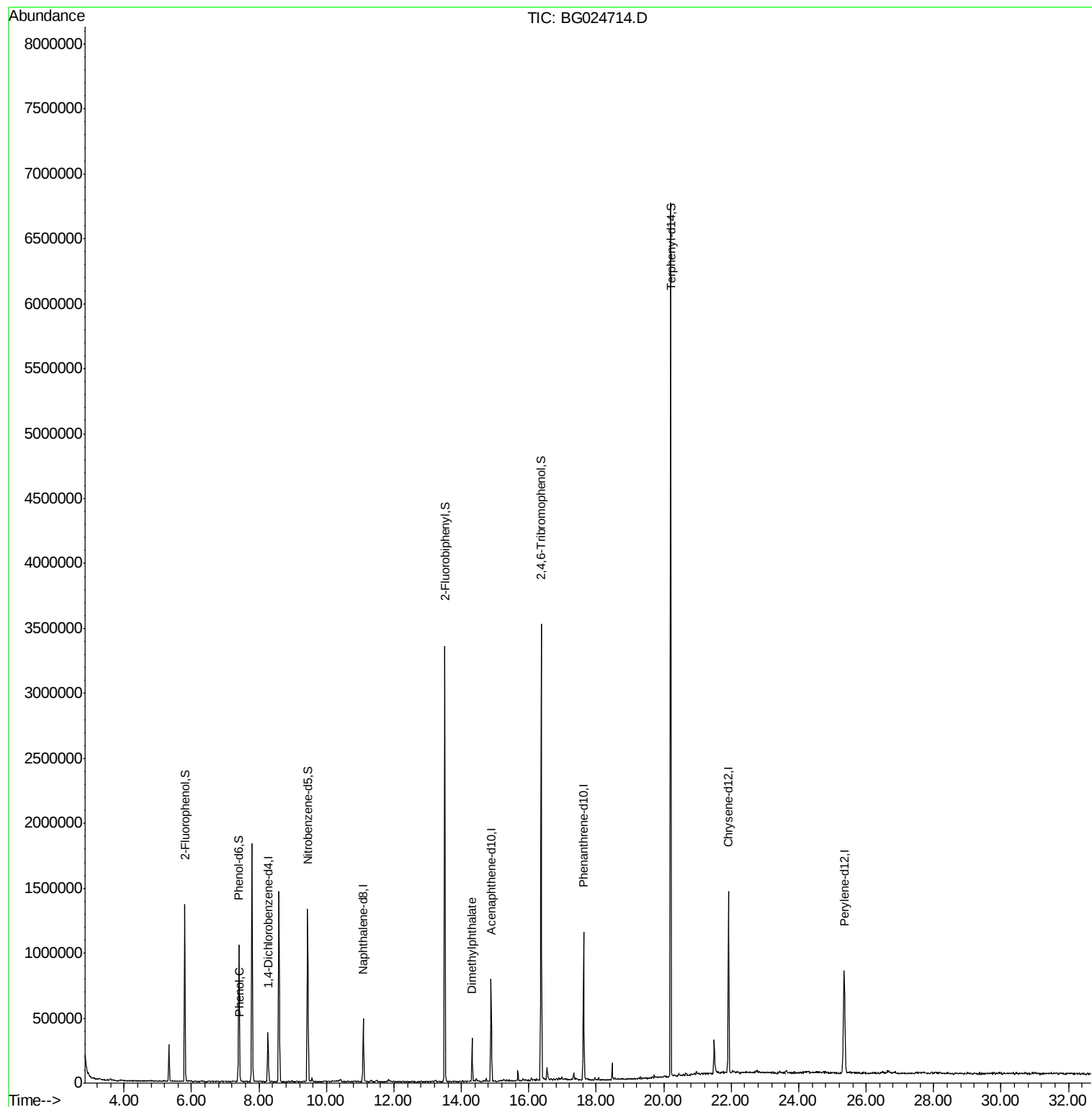
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	96469	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	389251	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	286645	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	698917	20.00	ng	0.00
75) Chrysene-d12	21.92	240	965887	20.00	ng	0.00
86) Perylene-d12	25.35	264	1007467	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	547956	93.10	ng	0.00
7) Phenol-d6	7.40	99	565559	70.05	ng	0.00
23) Nitrobenzene-d5	9.44	82	817747	95.65	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	688164	160.70	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1699050	98.52	ng	0.00
78) Terphenyl-d14	20.20	244	2802194	86.69	ng	0.00
Target Compounds						
10) Phenol	7.43	94	21169	2.54	ng	82
49) Dimethylphthalate	14.32	163	204801	10.06	ng	99

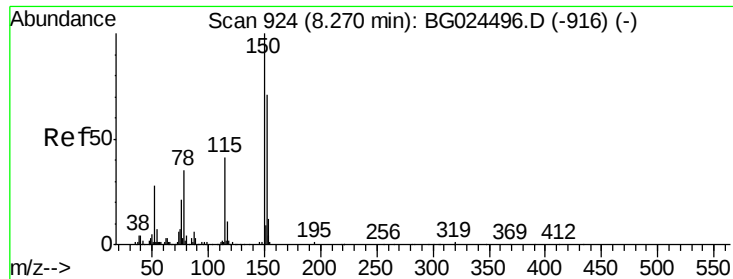
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024714.D

Acq: 5 Nov 2016 15:55

Instrument :

BNA_G

ClientSampleId :

GW-102-9.35-17.0

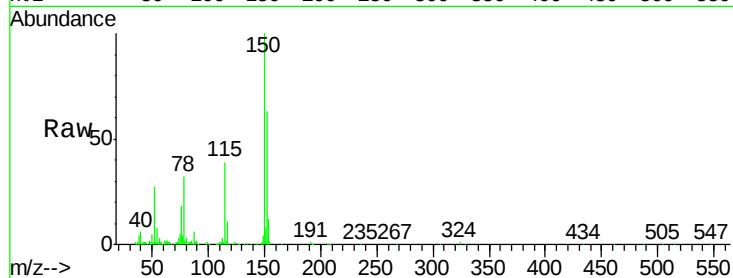
Tot Ion:152 Resp: 96469

Ion Ratio Lower Upper

152 100

150 157.6 114.0 171.0

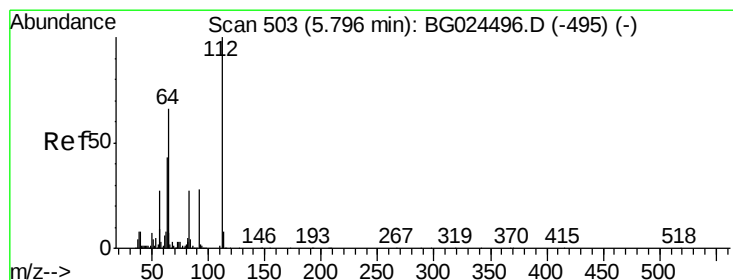
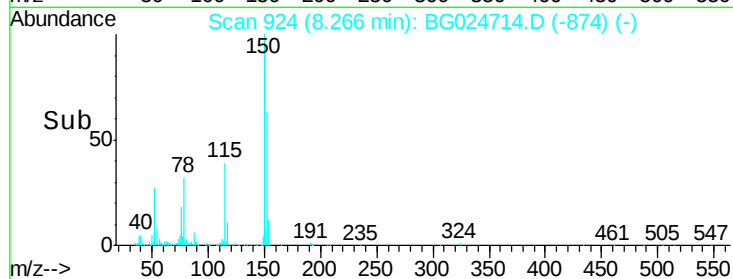
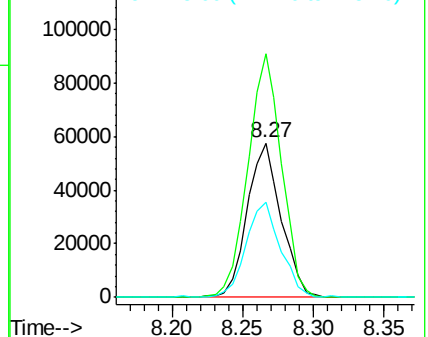
115 61.9 48.1 72.1



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: 93.10 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024714.D

Acq: 5 Nov 2016 15:55

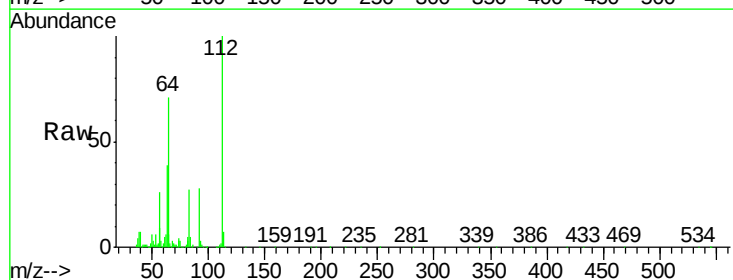
Tgt Ion:112 Resp: 547956

Ion Ratio Lower Upper

112 100

64 70.7 61.8 92.6

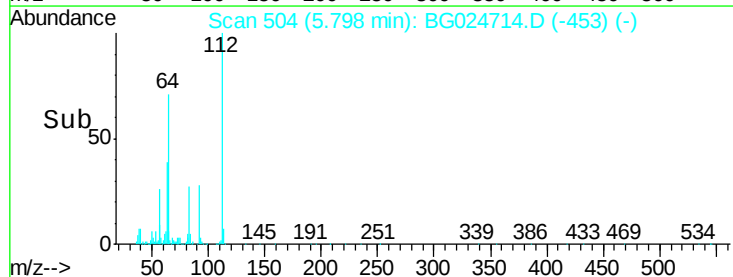
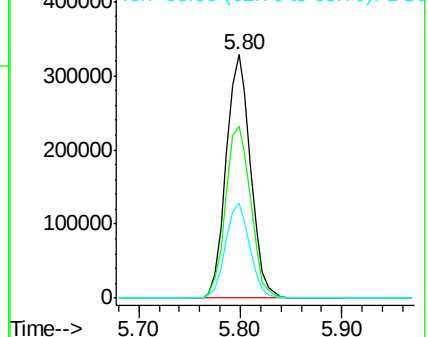
63 39.3 37.2 55.8

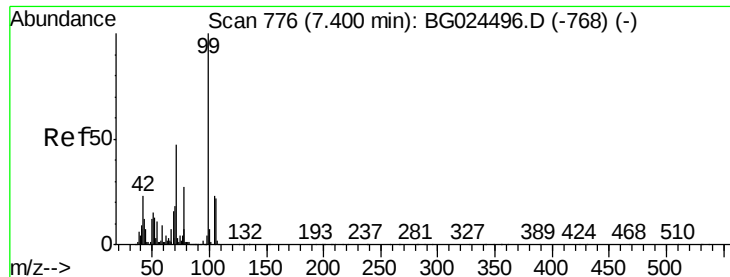


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 70.05 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024714.D

Acq: 5 Nov 2016 15:55

Instrument :

BNA_G

ClientSampleId :

GW-102-9.35-17.0

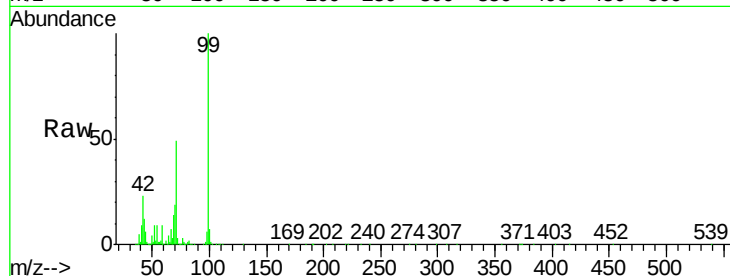
Tot Ion: 99 Resp: 565559

Ion Ratio Lower Upper

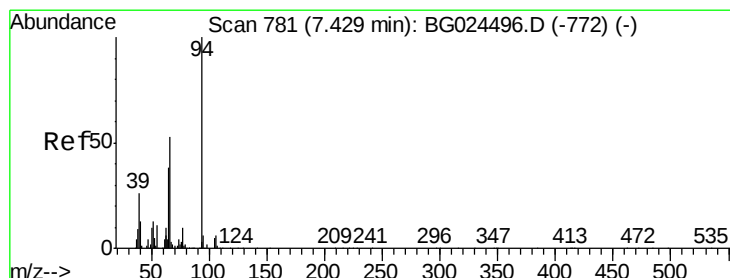
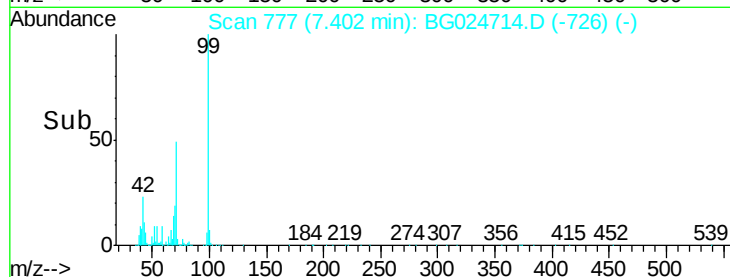
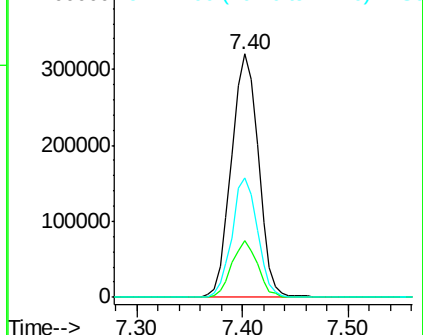
99 100

42 23.1 20.5 30.7

71 49.2 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: 2.54 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024714.D

Acq: 5 Nov 2016 15:55

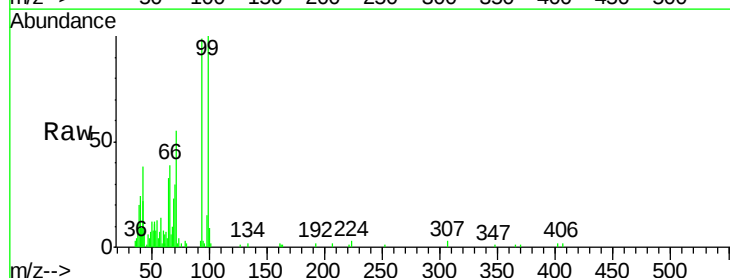
Tgt Ion: 94 Resp: 21169

Ion Ratio Lower Upper

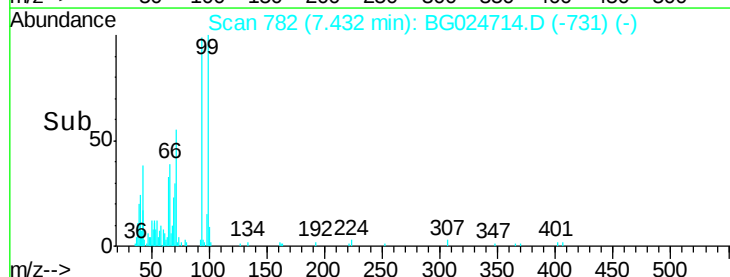
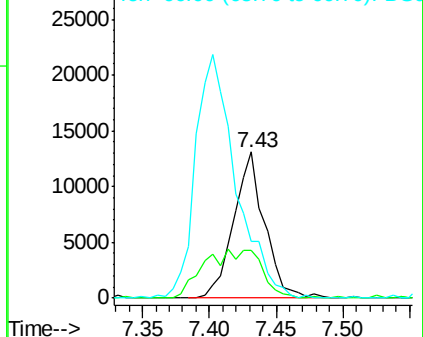
94 100

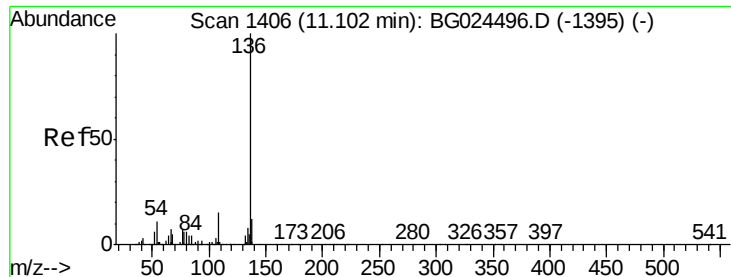
65 33.1 20.6 60.6

66 39.2 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

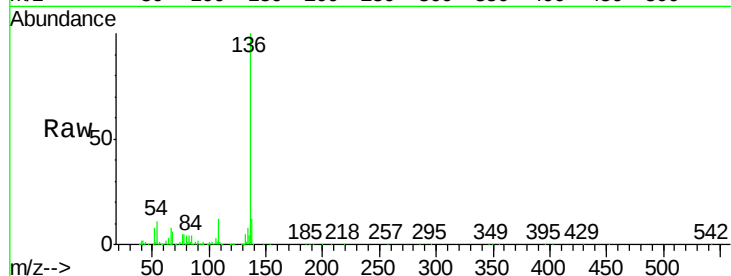




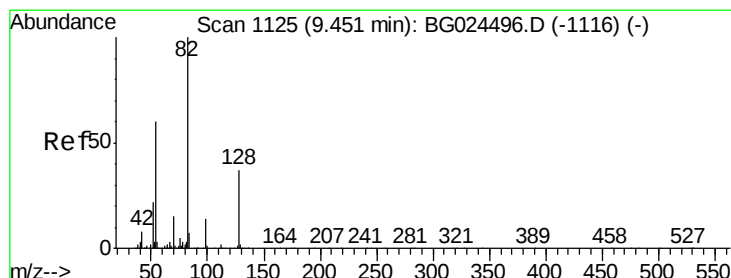
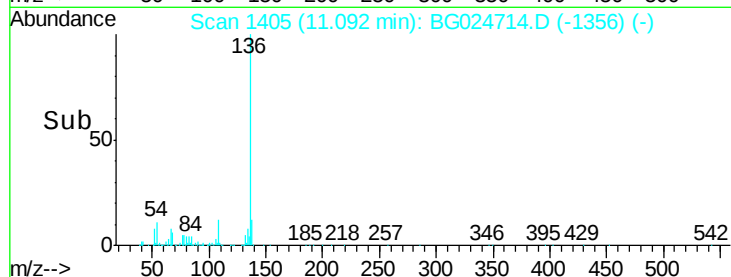
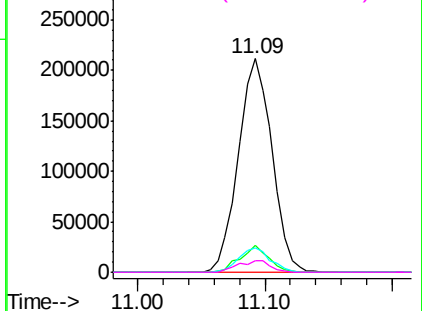
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024714.D
Acq: 5 Nov 2016 15:55

Instrument :
BNA_G
ClientSampleId :
GW-102-9.35-17.0

Tot Ion:136	Resp:	389251	
Ion Ratio	Lower	Upper	
136 100			
137 12.4	8.9	13.3	
54 11.2	9.3	13.9	
68 5.6	5.1	7.7	

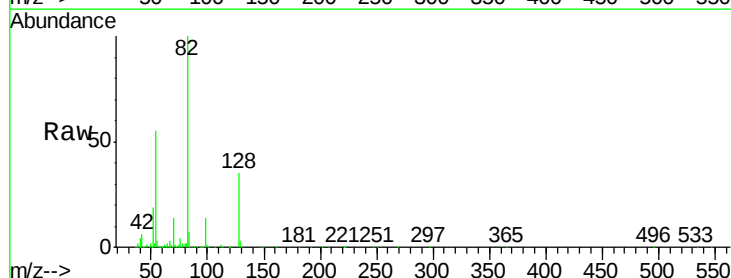


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

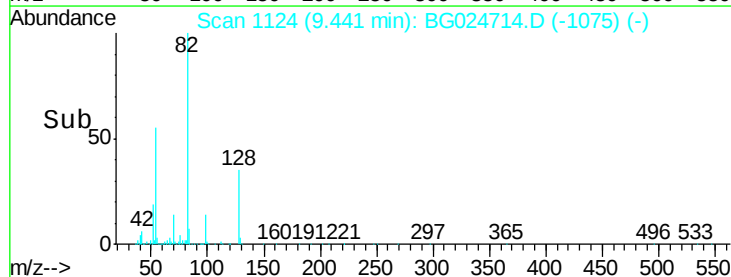
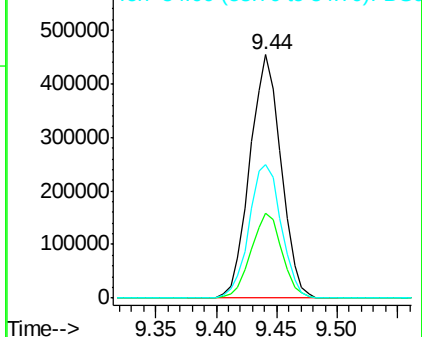


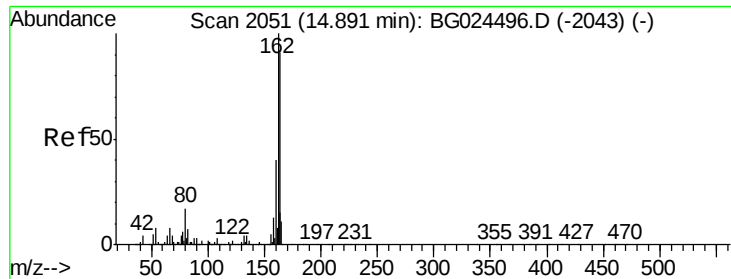
#23
Nitrobenzene-d5
Concen: 95.65 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024714.D
Acq: 5 Nov 2016 15:55

Tgt	Ion: 82	Resp:	817747
Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.4	39.6
54	54.8	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

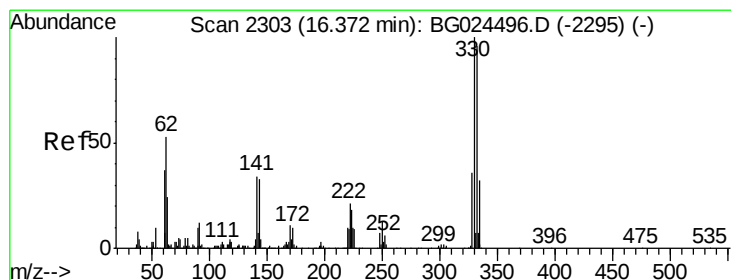
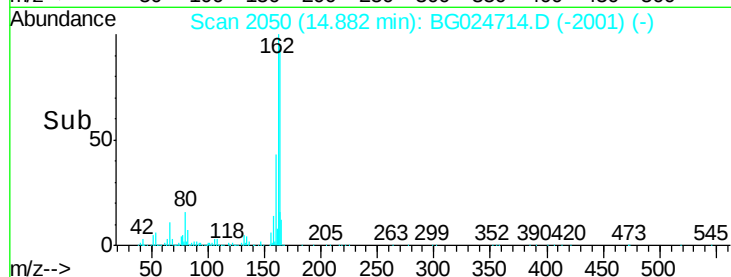
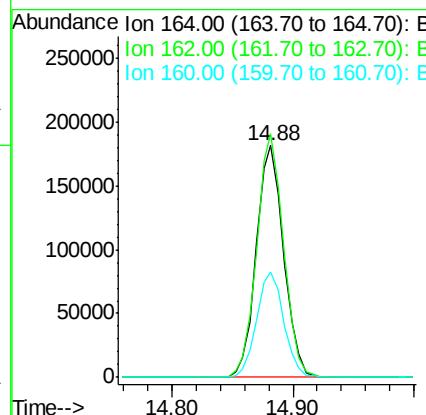
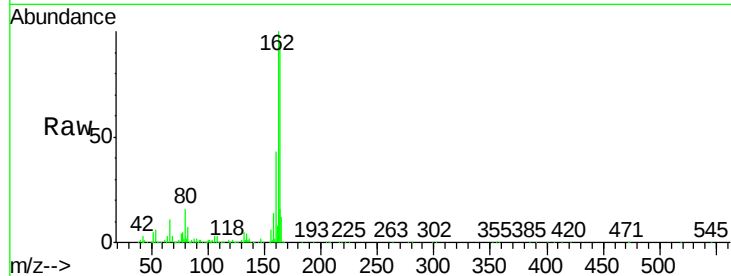




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024714.D
Acq: 5 Nov 2016 15:55

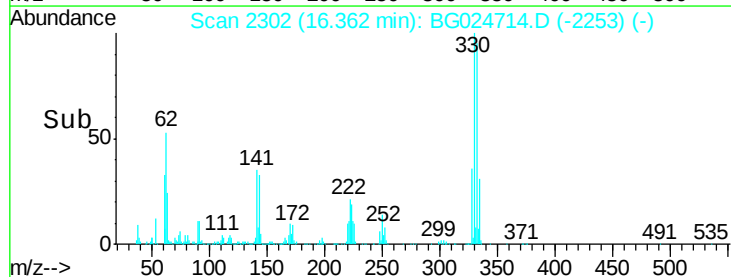
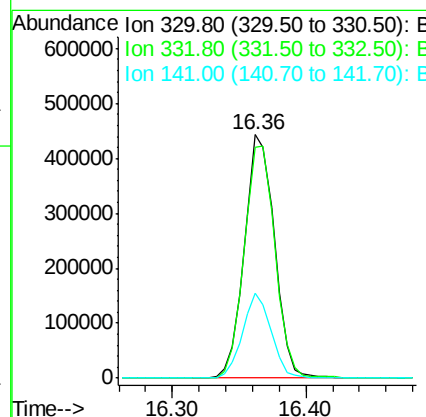
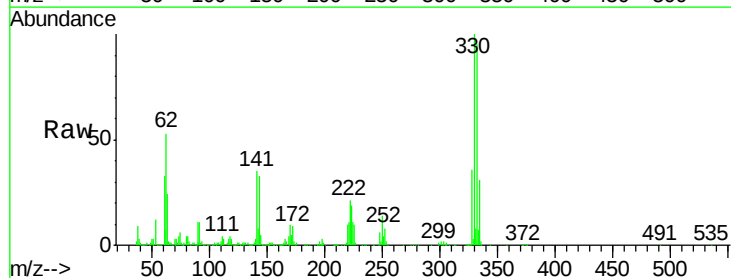
Instrument :
BNA_G
ClientSampleId :
GW-102-9.35-17.0

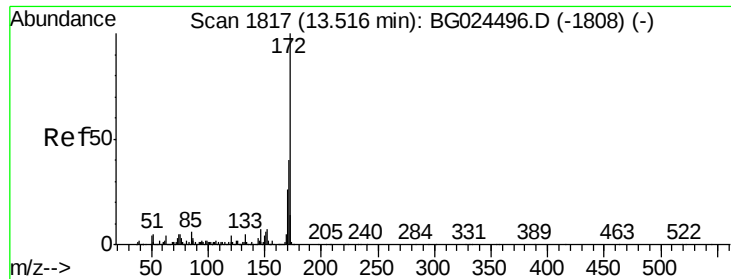
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.1	127.7
160	45.6	34.7	52.1



#41
2,4,6-Tribromophenol
Concen: 160.70 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024714.D
Acq: 5 Nov 2016 15:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.3	115.9
141	33.4	32.1	48.1

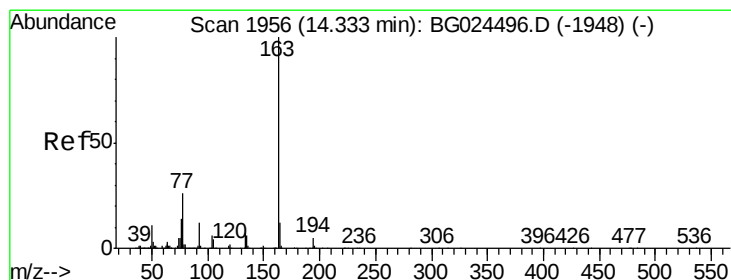
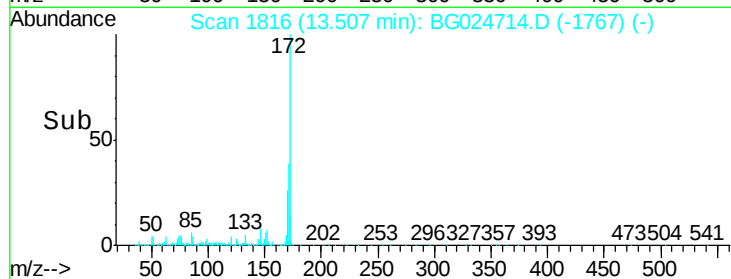
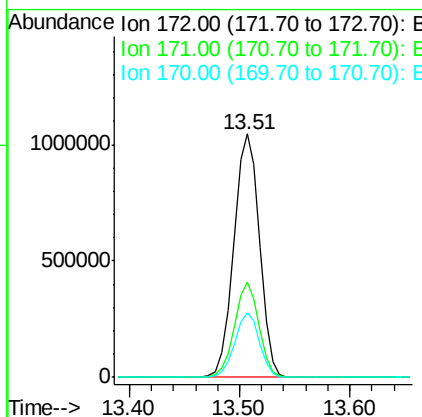
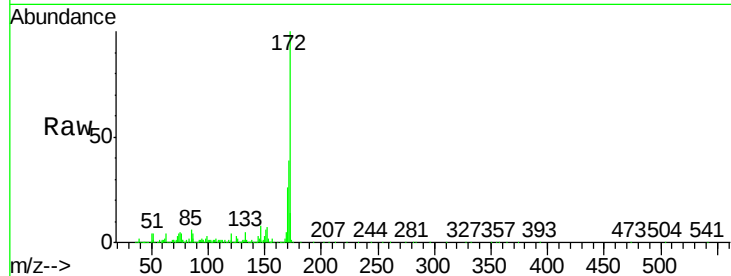




#44
2-Fluorobiphenyl
Concen: 98.52 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024714.D
Acq: 5 Nov 2016 15:55

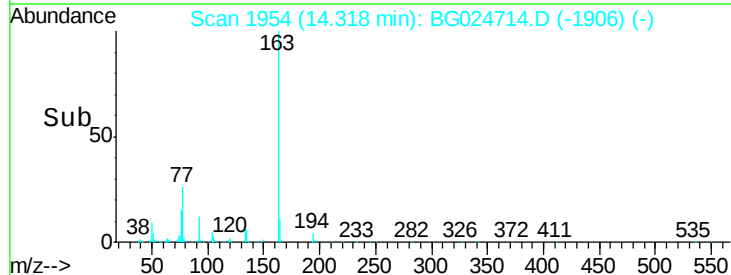
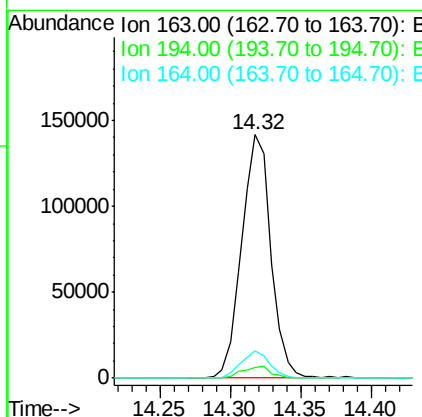
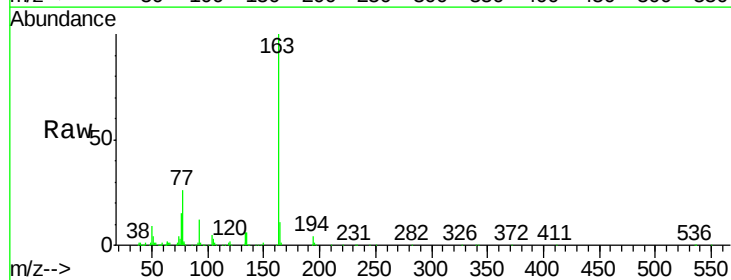
Instrument :
BNA_G
ClientSampleId :
GW-102-9.35-17.0

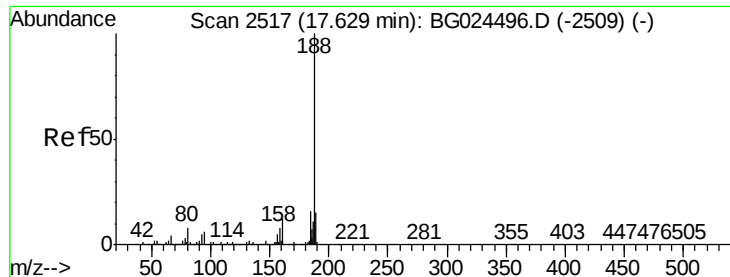
Tot Ion:172 Resp: 1699050
Ion Ratio Lower Upper
172 100
171 38.9 32.2 48.2
170 26.3 21.8 32.6



#49
Dimethylphthalate
Concen: 10.06 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG024714.D
Acq: 5 Nov 2016 15:55

Tgt Ion:163 Resp: 204801
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 11.0 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: BG024714.D

Acq: 5 Nov 2016 15:55

Instrument :

BNA_G

ClientSampleId :

GW-102-9.35-17.0

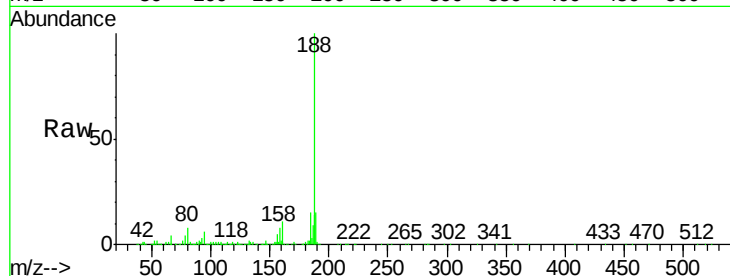
Tot Ion:188 Resp: 698917

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

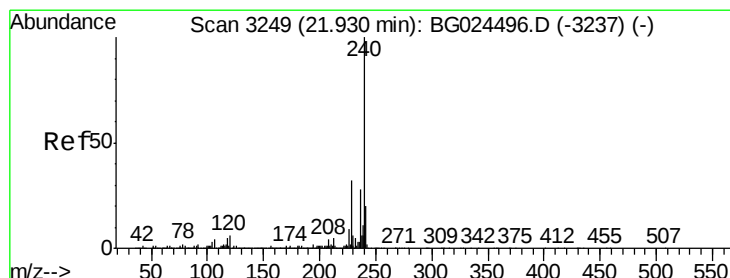
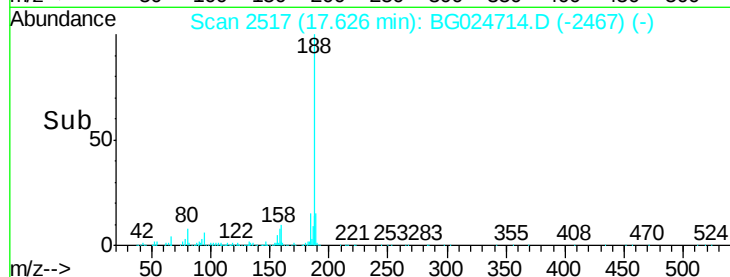
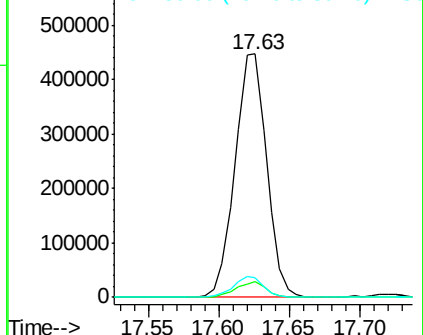
80 8.0 7.5 11.3



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: BG024714.D

Acq: 5 Nov 2016 15:55

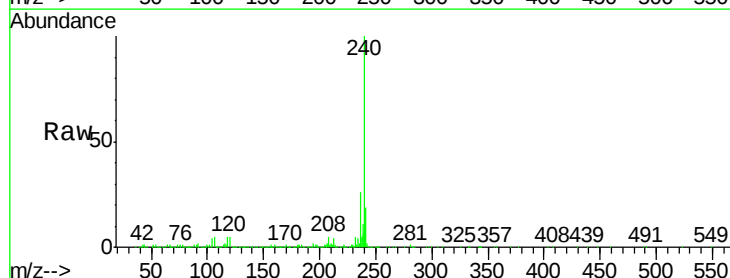
Tgt Ion:240 Resp: 965887

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

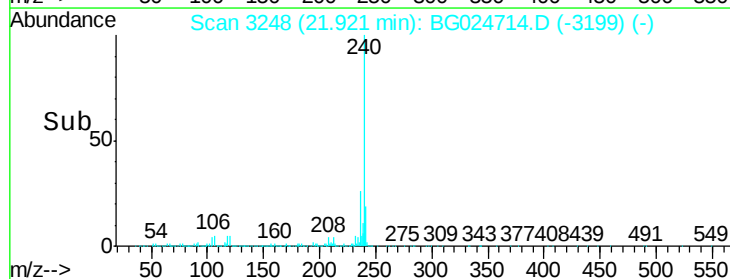
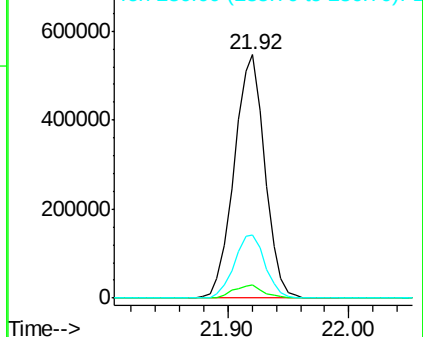
236 26.1 22.2 33.4

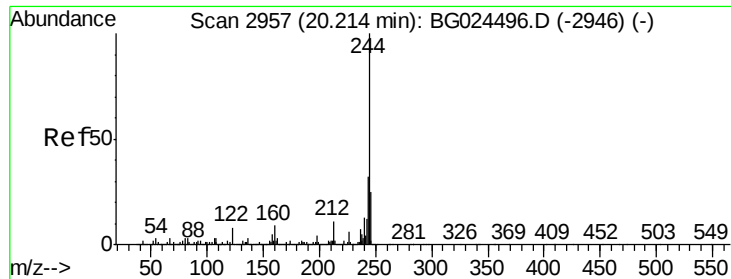


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.69 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024714.D

Acq: 5 Nov 2016 15:55

Instrument :

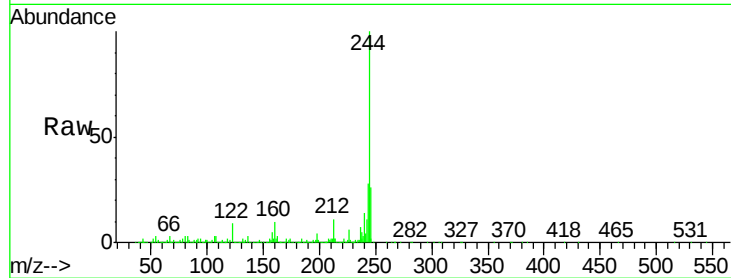
BNA_G

ClientSampleId :

GW-102-9.35-17.0

Tot Ion:244 Resp: 2802194

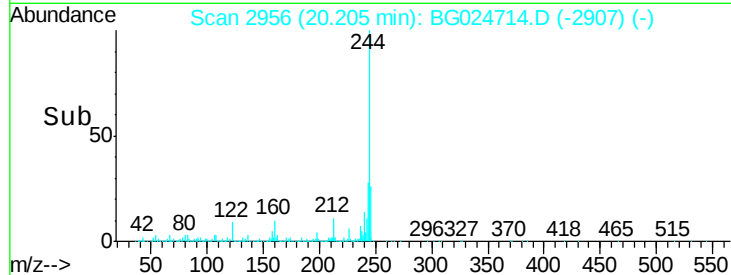
Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.0	15.0
122	8.6	8.6	12.8



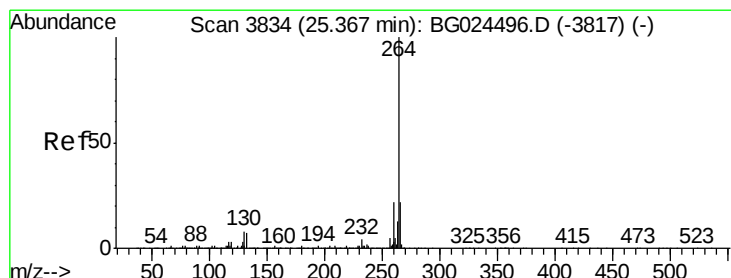
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3832

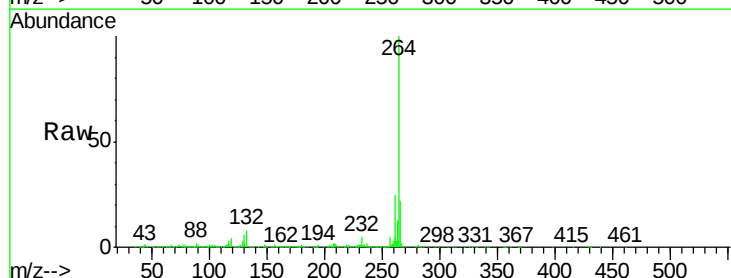
Delta R.T. -0.02 min

Lab File: BG024714.D

Acq: 5 Nov 2016 15:55

Tgt Ion:264 Resp: 1007467

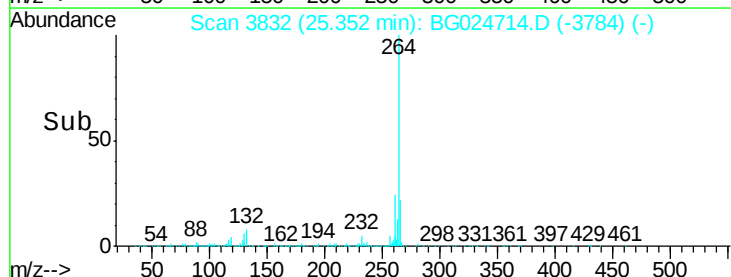
Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	22.1	18.2	27.4



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



Time-->