

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
 Data File : BG024711.D
 Acq On : 5 Nov 2016 13:59
 Operator : UM/SJ
 Sample : H5526-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-107-25.5-26.0

Quant Time: Nov 06 23:48:32 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

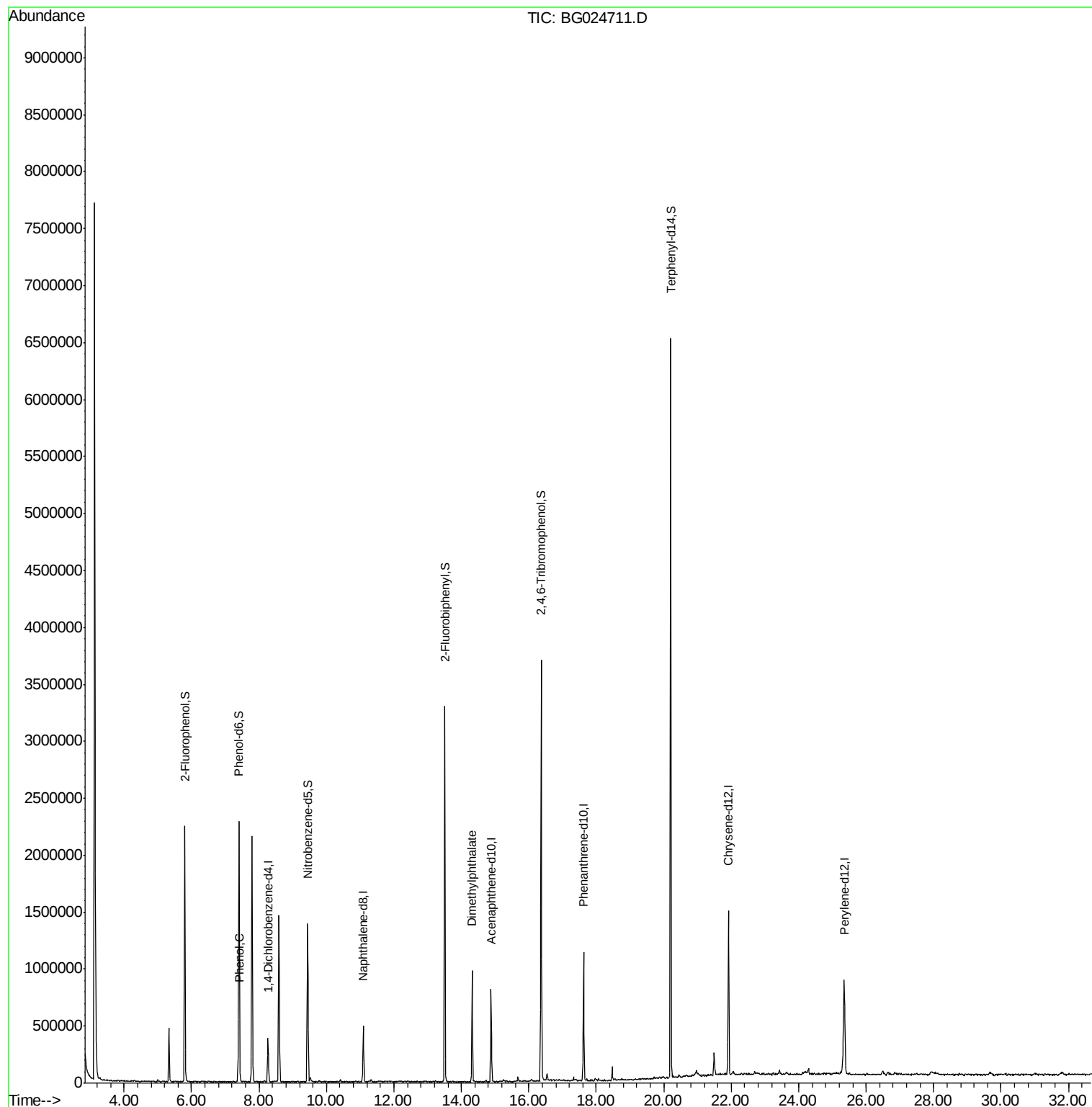
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	102225	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	392866	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	300293	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	721335	20.00	ng	0.00
75) Chrysene-d12	21.92	240	985579	20.00	ng	0.00
86) Perylene-d12	25.35	264	1005715	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	889008	142.54	ng	0.00
7) Phenol-d6	7.41	99	1265722	147.94	ng	0.00
23) Nitrobenzene-d5	9.44	82	877003	101.64	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	747794	166.69	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1650025	91.33	ng	0.00
78) Terphenyl-d14	20.20	244	2707834	82.10	ng	0.00
Target Compounds						
10) Phenol	7.43	94	17767	2.01	ng	Qvalue # 74
49) Dimethylphthalate	14.32	163	610379	28.63	ng	98

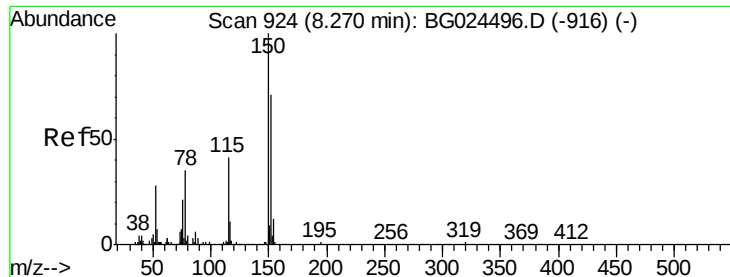
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024711.D

Acq: 5 Nov 2016 13:59

Instrument :

BNA_G

ClientSampleId :

SB-107-25.5-26.0

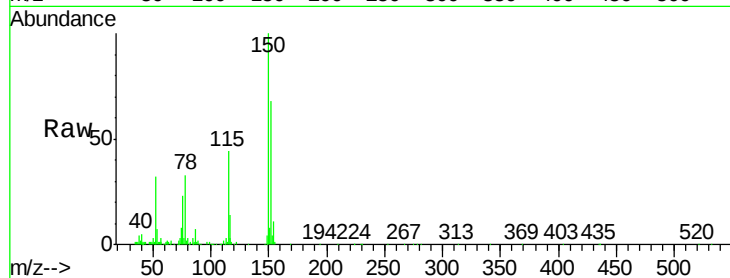
Tgt Ion:152 Resp: 102225

Ion Ratio Lower Upper

152 100

150 147.5 114.0 171.0

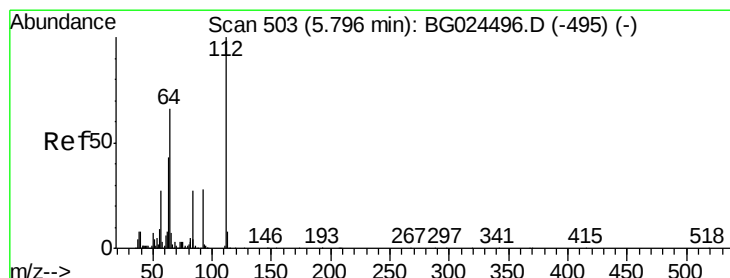
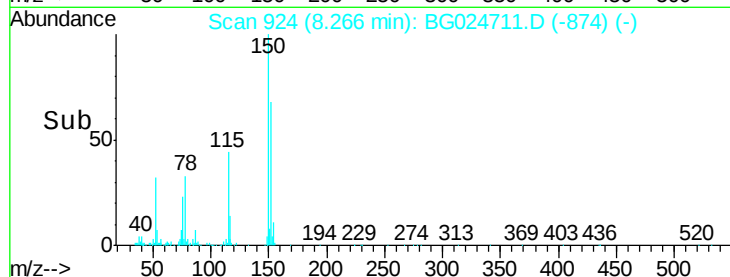
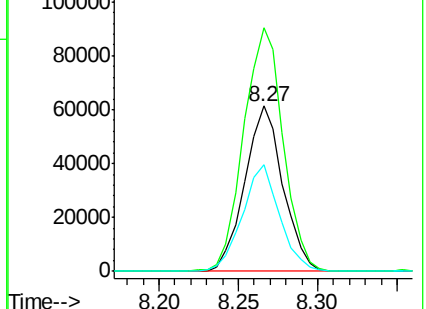
115 64.5 48.1 72.1



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: 142.54 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024711.D

Acq: 5 Nov 2016 13:59

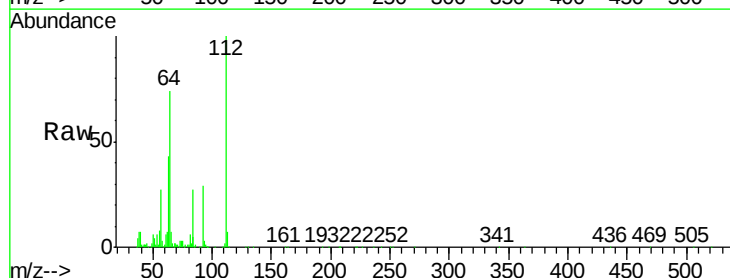
Tgt Ion:112 Resp: 889008

Ion Ratio Lower Upper

112 100

64 74.1 61.8 92.6

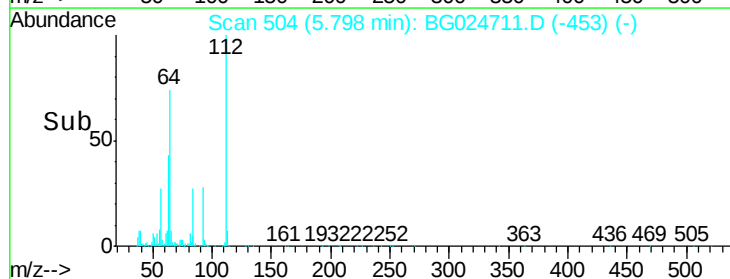
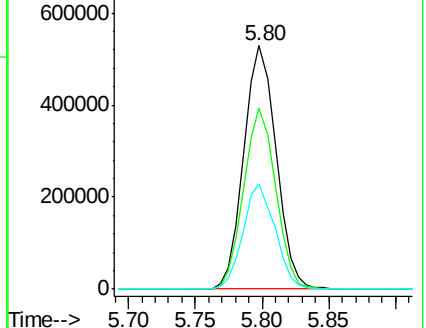
63 43.2 37.2 55.8

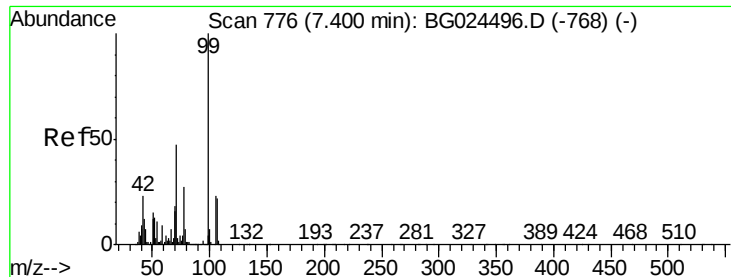


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 147.94 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024711.D

Acq: 5 Nov 2016 13:59

Instrument :

BNA_G

ClientSampleId :

SB-107-25.5-26.0

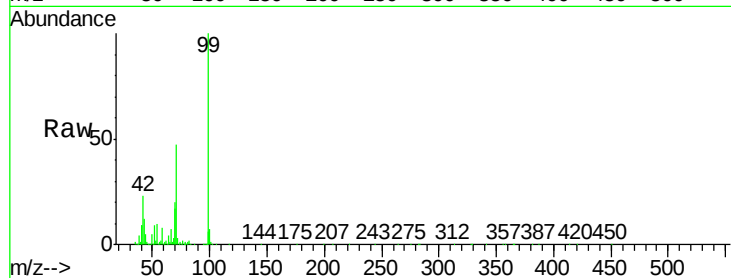
Tgt Ion: 99 Resp: 1265722

Ion Ratio Lower Upper

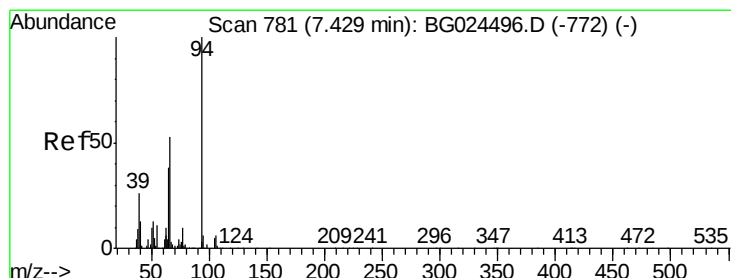
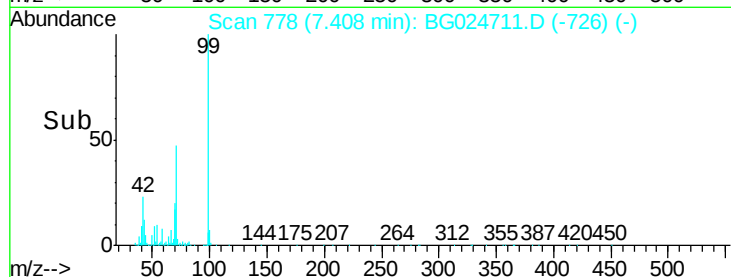
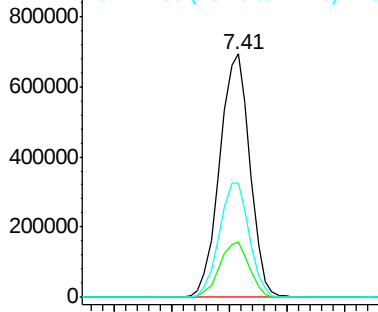
99 100

42 22.8 20.5 30.7

71 47.2 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: 2.01 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024711.D

Acq: 5 Nov 2016 13:59

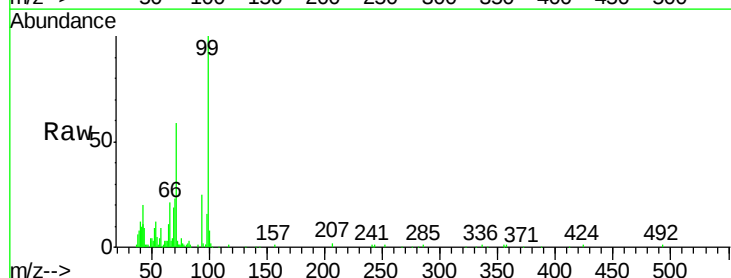
Tgt Ion: 94 Resp: 17767

Ion Ratio Lower Upper

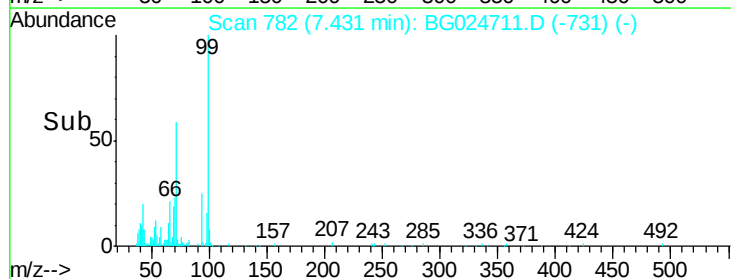
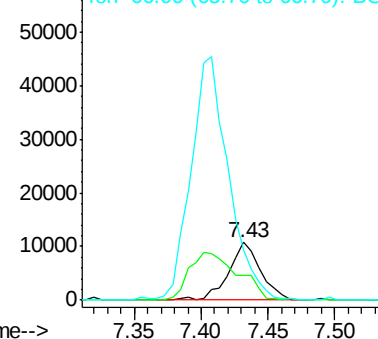
94 100

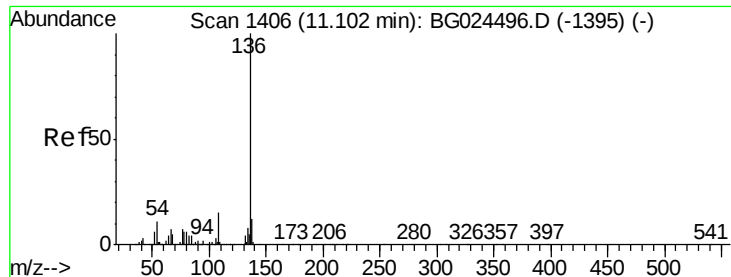
65 43.1 20.6 60.6

66 86.6 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

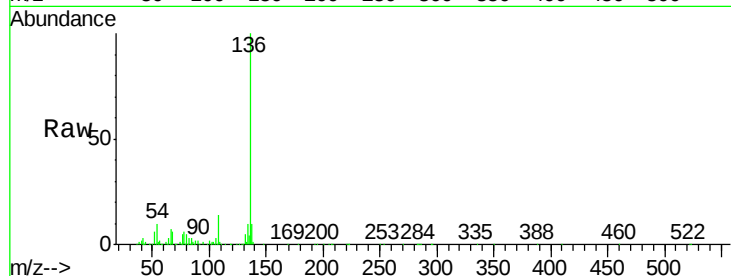




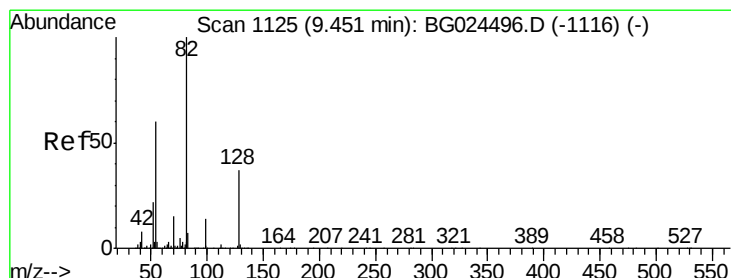
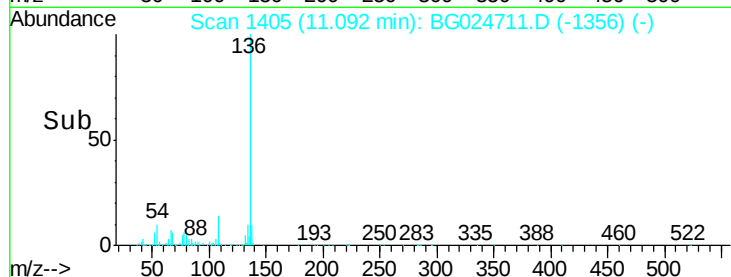
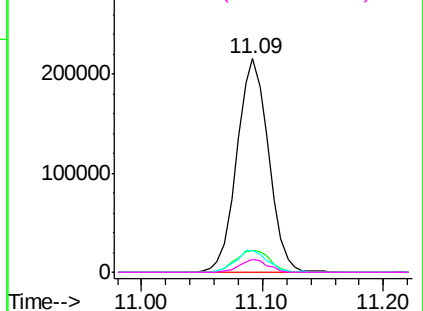
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SB-107-25.5-26.0

Tgt Ion:	136	Resp:	392866
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.5	9.3	13.9
68	5.9	5.1	7.7

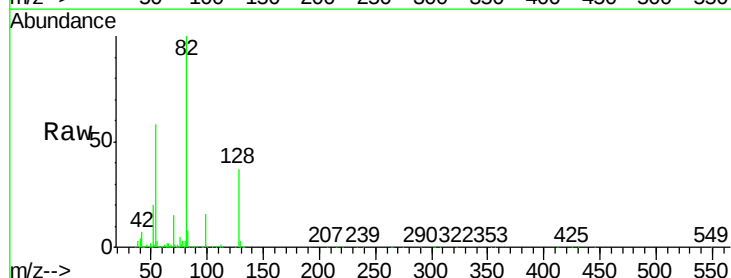


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

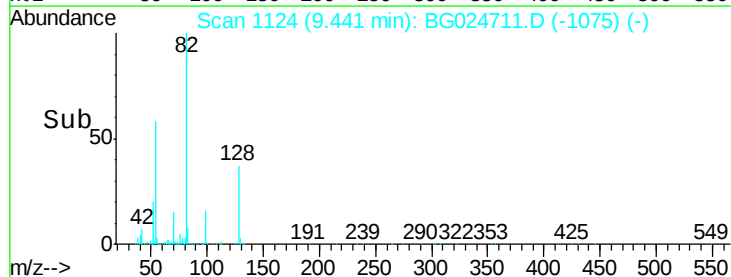
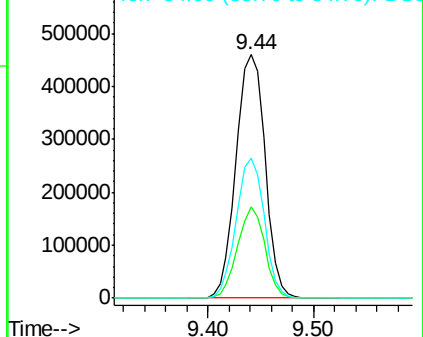


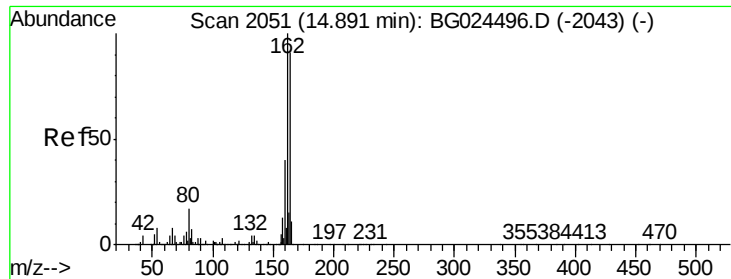
#23
Nitrobenzene-d5
Concen: 101.64 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

Tgt Ion:	82	Resp:	877003
Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.4	39.6
54	57.5	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: BG024711.D

Acq: 5 Nov 2016 13:59

Instrument :

BNA_G

ClientSampleId :

SB-107-25.5-26.0

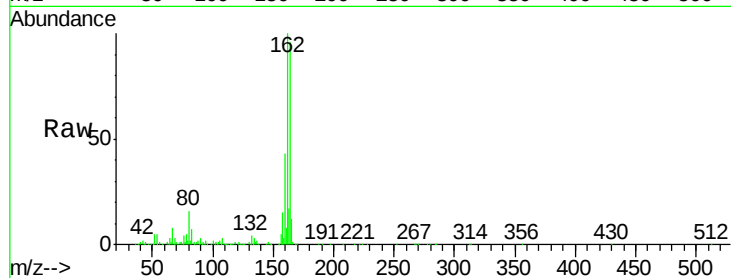
Tgt Ion:164 Resp: 300293

Ion Ratio Lower Upper

164 100

162 104.0 85.1 127.7

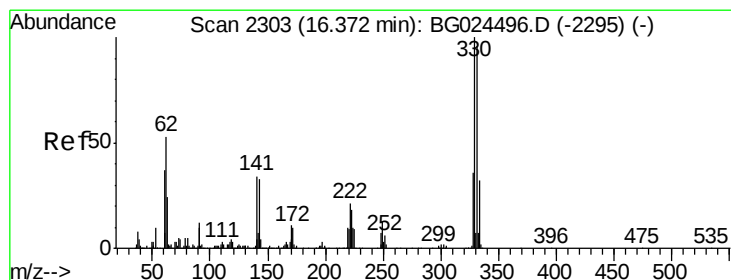
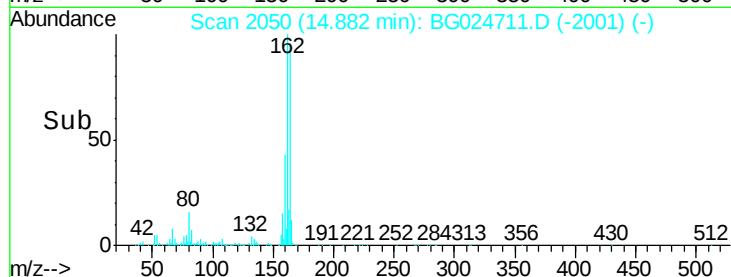
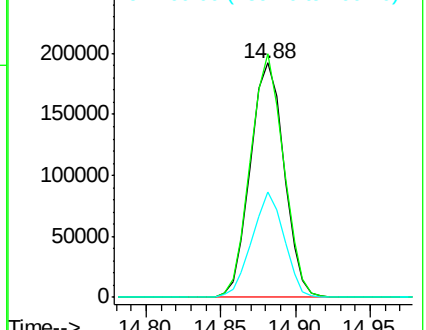
160 44.9 34.7 52.1



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: 166.69 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024711.D

Acq: 5 Nov 2016 13:59

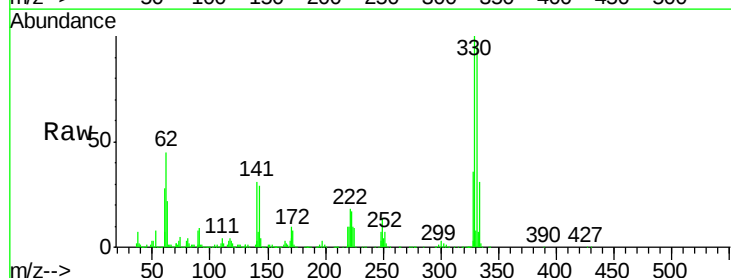
Tgt Ion:330 Resp: 747794

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

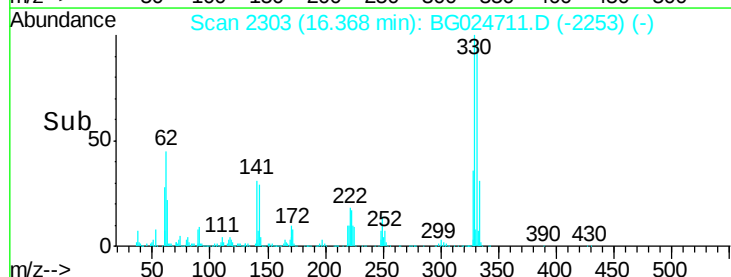
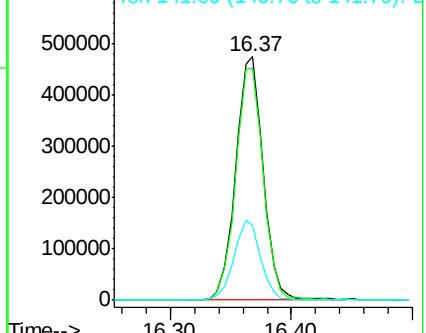
141 32.2 32.1 48.1

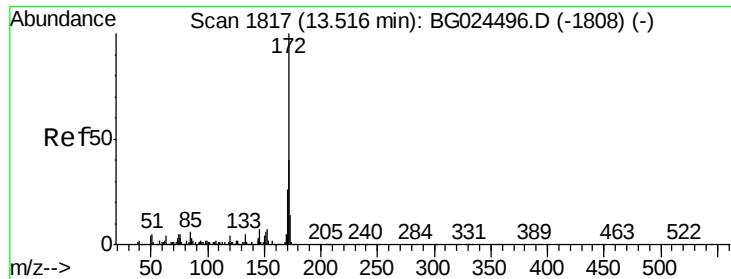


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 91.33 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024711.D

Acq: 5 Nov 2016 13:59

Instrument :

BNA_G

ClientSampleId :

SB-107-25.5-26.0

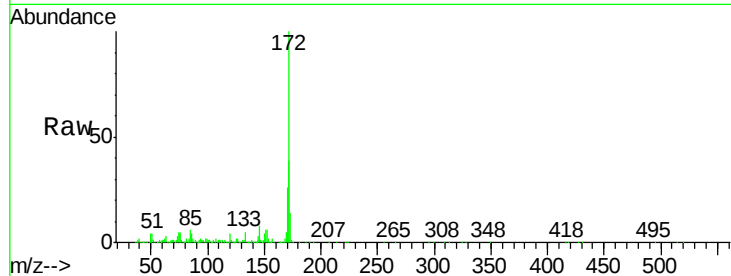
Tgt Ion:172 Resp: 1650025

Ion Ratio Lower Upper

172 100

171 38.7 32.2 48.2

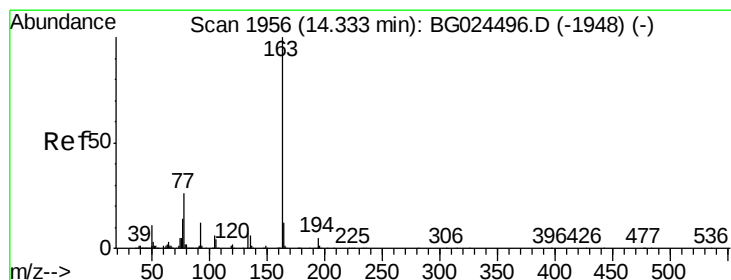
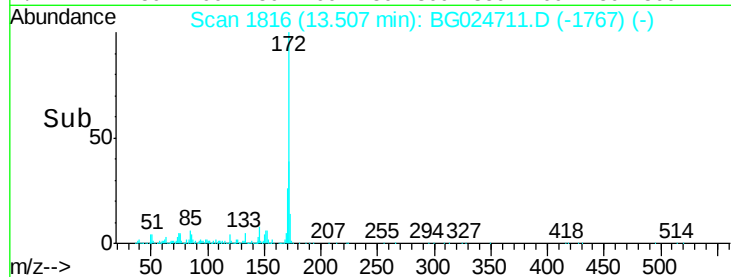
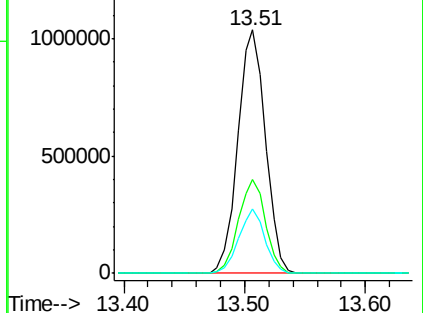
170 26.4 21.8 32.6



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: 28.63 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024711.D

Acq: 5 Nov 2016 13:59

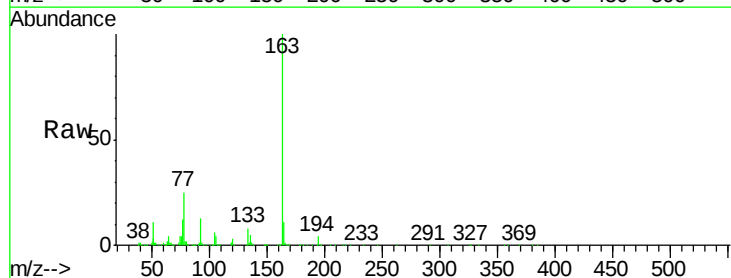
Tgt Ion:163 Resp: 610379

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

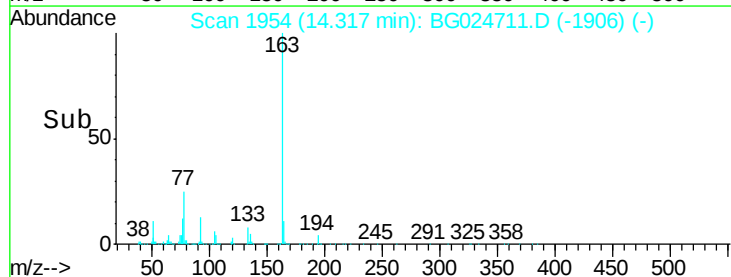
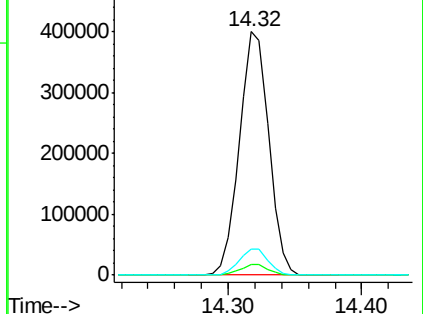
164 10.7 9.3 13.9

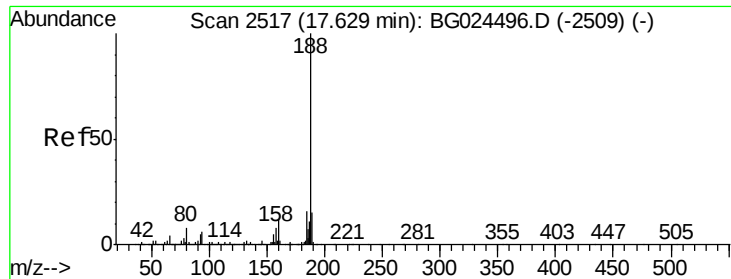


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

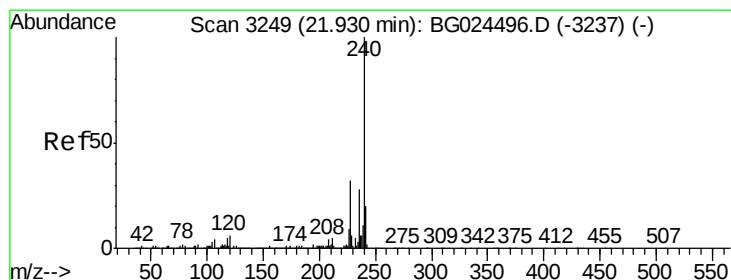
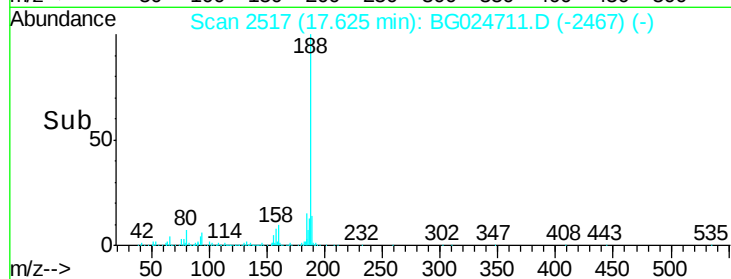
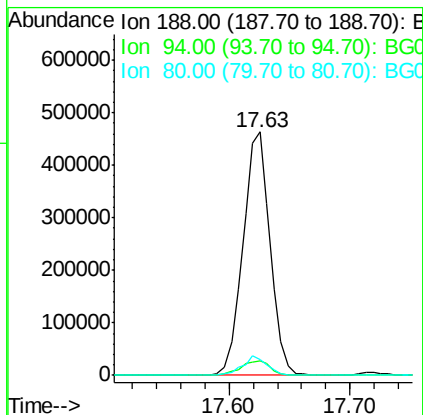
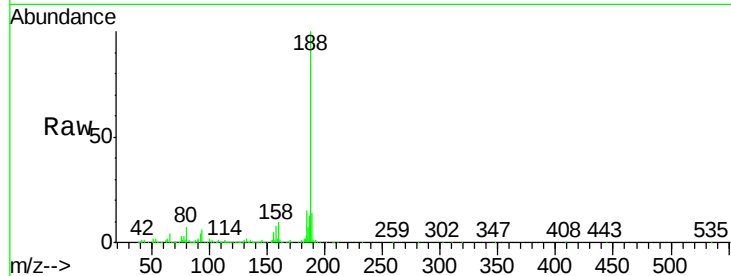




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

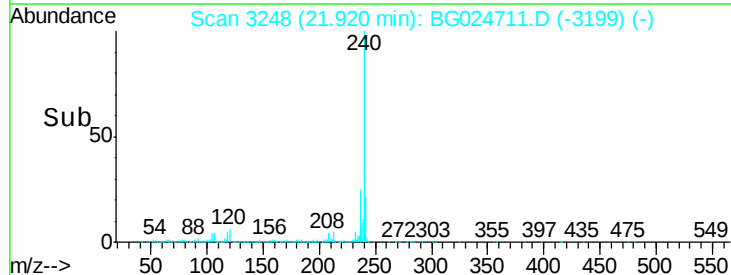
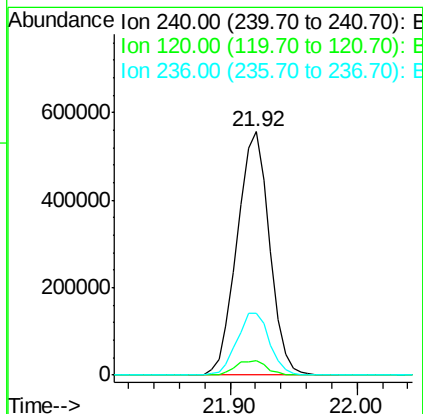
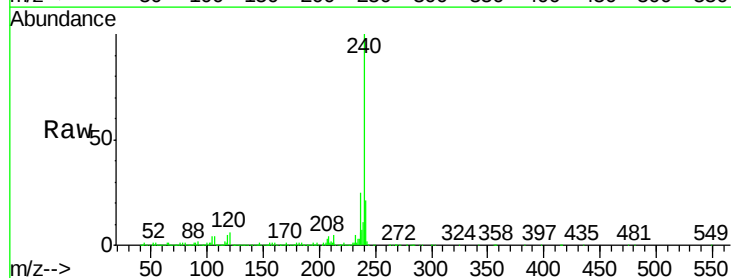
Instrument :
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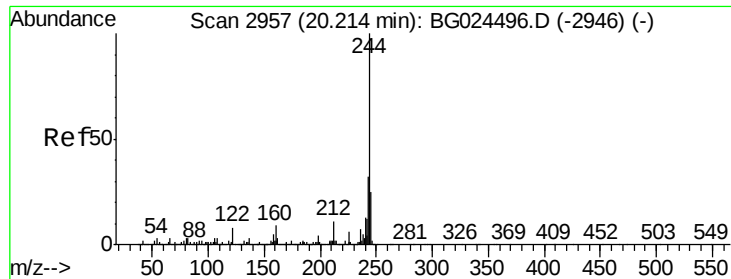
Tgt Ion:188 Resp: 721335
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 6.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

Tgt Ion:240 Resp: 985579
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5
236 25.3 22.2 33.4





#78

Terphenyl-d14

Concen: 82.10 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024711.D

Acq: 5 Nov 2016 13:59

Instrument :

BNA_G

ClientSampleId :

SB-107-25.5-26.0

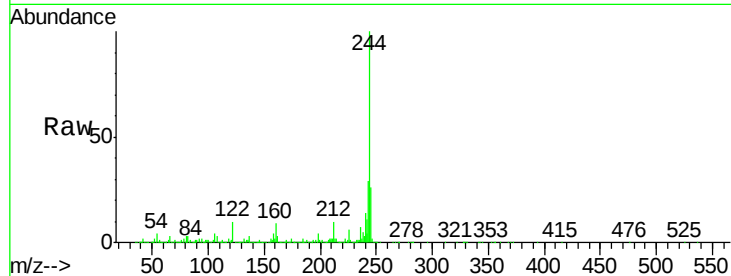
Tgt Ion:244 Resp: 2707834

Ion Ratio Lower Upper

244 100

212 10.5 10.0 15.0

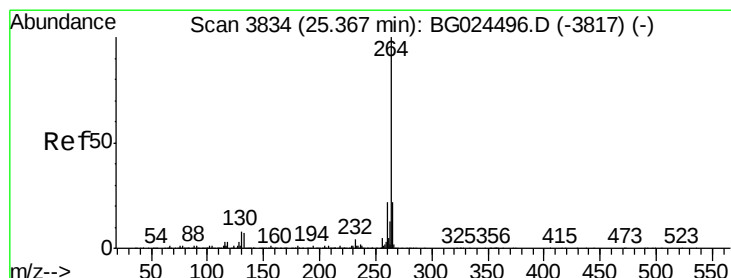
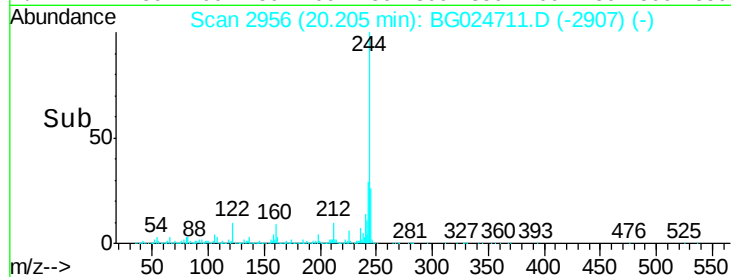
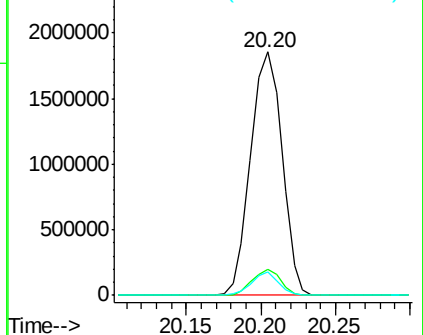
122 9.8 8.6 12.8



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: BG024711.D

Acq: 5 Nov 2016 13:59

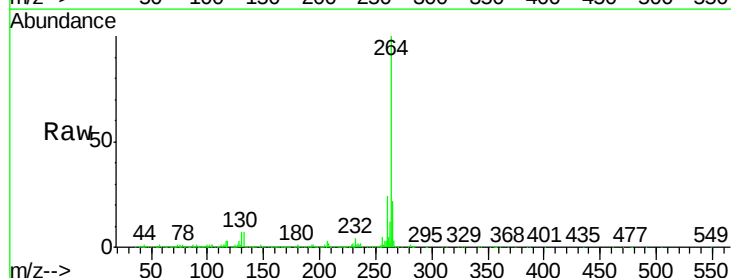
Tgt Ion:264 Resp: 1005715

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 21.9 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

