

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015921.D
 Acq On : 26 Jan 2015 20:54
 Operator : TP/IZ
 Sample : G1159-02
 Misc : S
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-73(28-30)

Quant Time: Jan 27 02:56:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

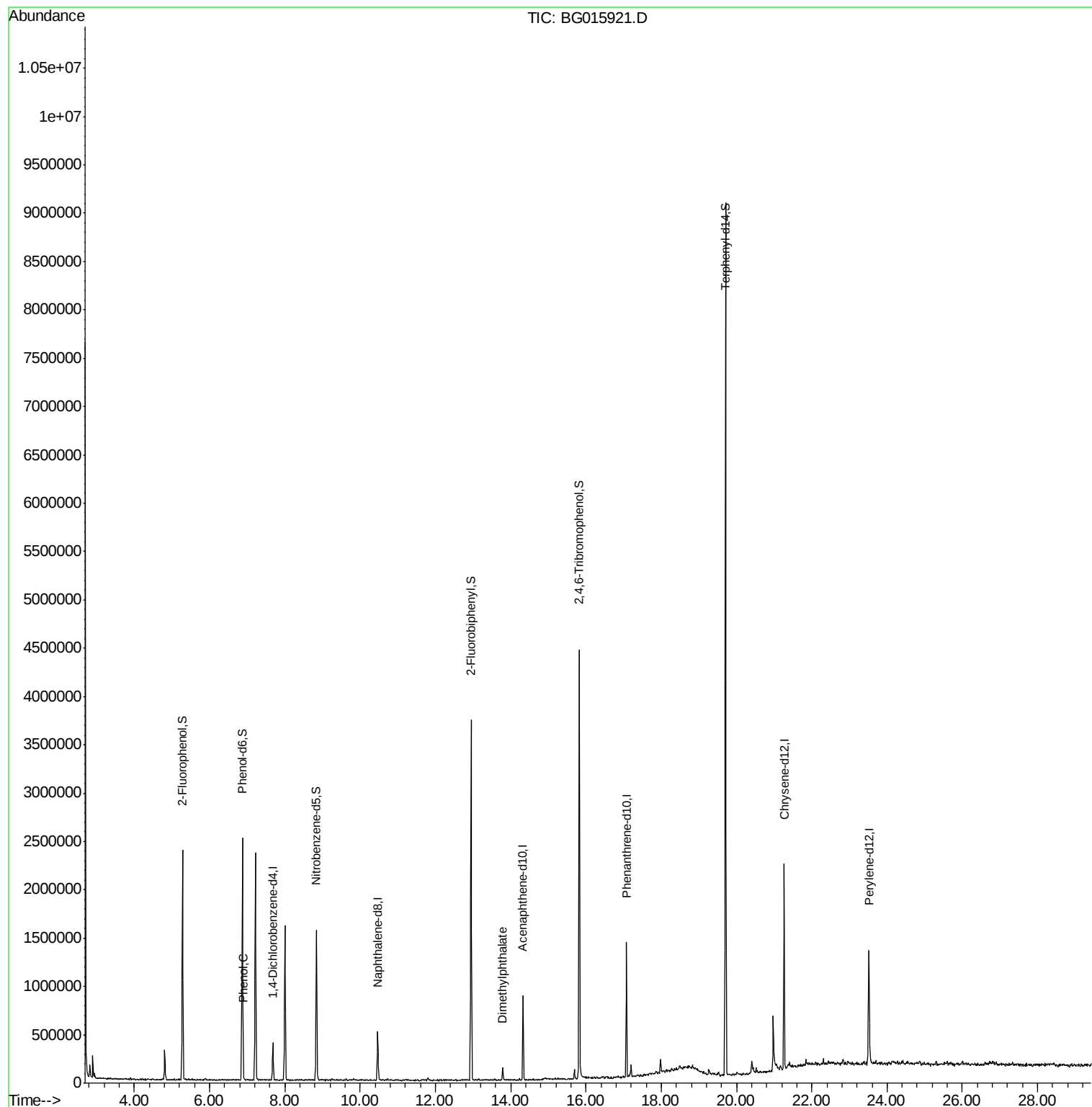
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	70137	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	296419	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	257550	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	717124	20.00	ng	0.00
75) Chrysene-d12	21.26	240	1018218	20.00	ng	0.00
86) Perylene-d12	23.52	264	955324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	721665	153.23	ng	0.00
7) Phenol-d6	6.87	99	1192199	157.08	ng	0.00
23) Nitrobenzene-d5	8.84	82	960650	93.42	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	707375	150.03	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1565421	95.37	ng	0.00
78) Terphenyl-d14	19.71	244	3257426	95.00	ng	0.00
Target Compounds						
10) Phenol	6.90	94	43226	5.00	ng	Qvalue 90
49) Dimethylphthalate	13.79	163	67438	3.64	ng	# 97

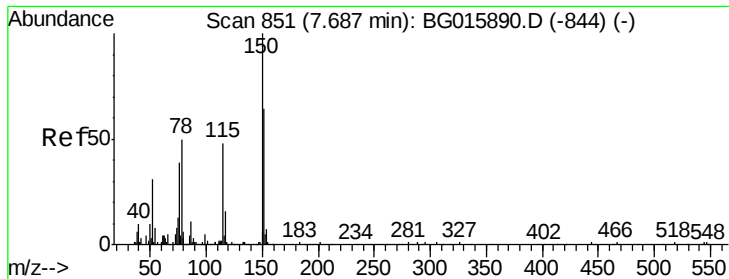
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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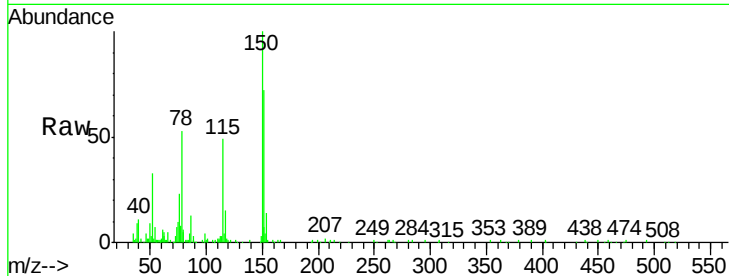


#1

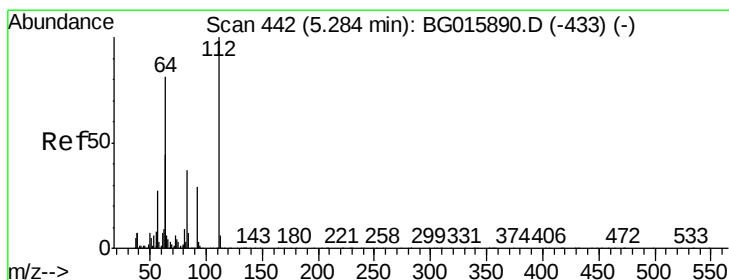
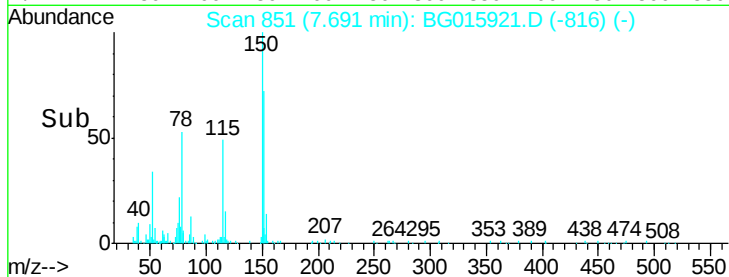
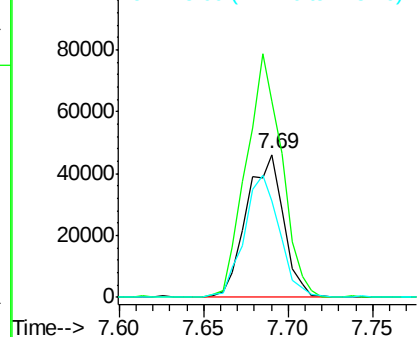
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

Instrument :
BNA_G
ClientSampleId :
SB-73(28-30)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	138.0	124.5	186.7
115	67.3	60.4	90.6



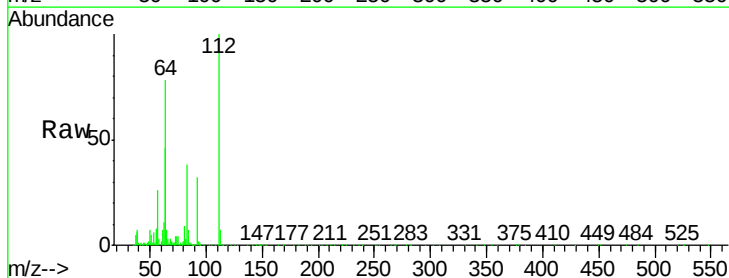
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



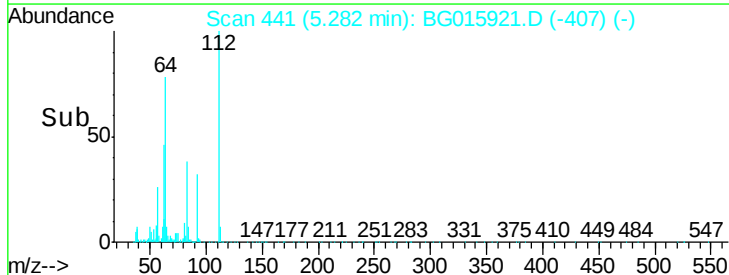
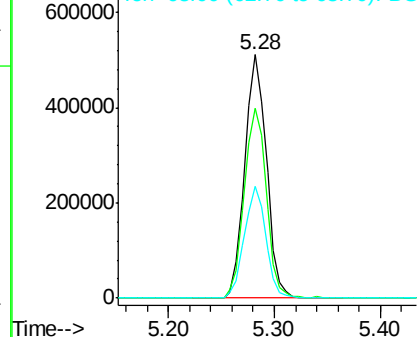
#5

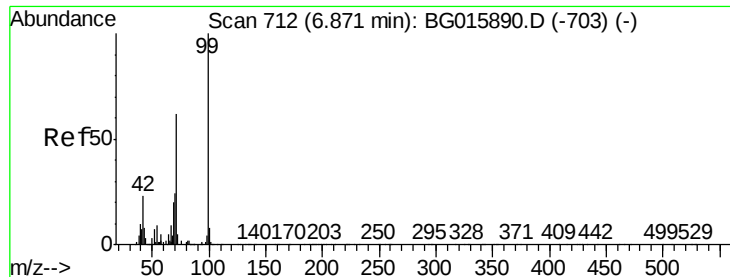
2-Fluorophenol
Concen: 153.23 ng
RT: 5.28 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.0	64.4	96.6
63	46.0	35.1	52.7



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: 157.08 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

Instrument :

BNA_G

ClientSampleId :

SB-73(28-30)

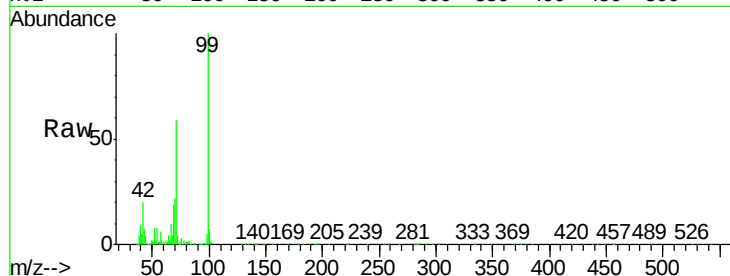
Tgt Ion: 99 Resp: 1192199

Ion Ratio Lower Upper

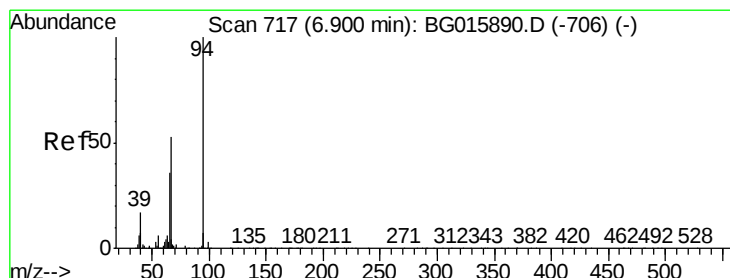
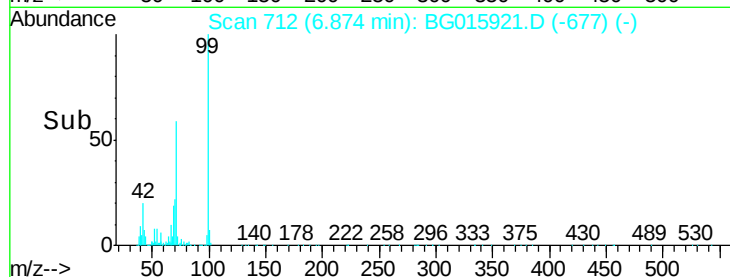
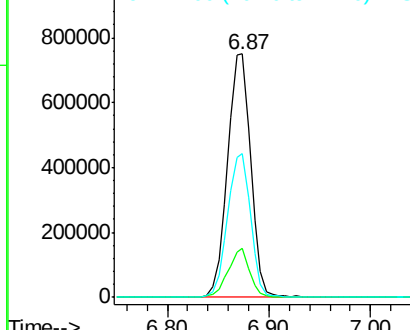
99 100

42 20.2 18.1 27.1

71 58.8 49.8 74.8



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: 5.00 ng

RT: 6.90 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

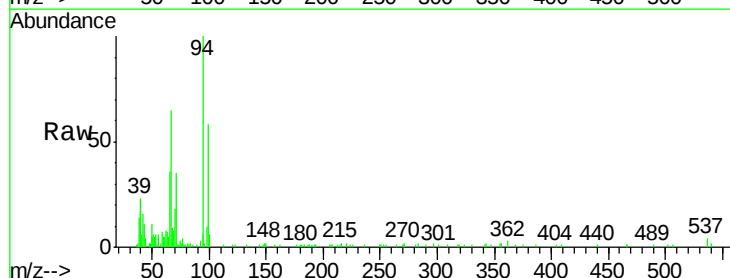
Tgt Ion: 94 Resp: 43226

Ion Ratio Lower Upper

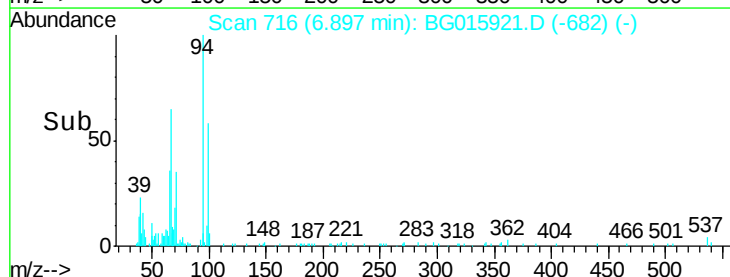
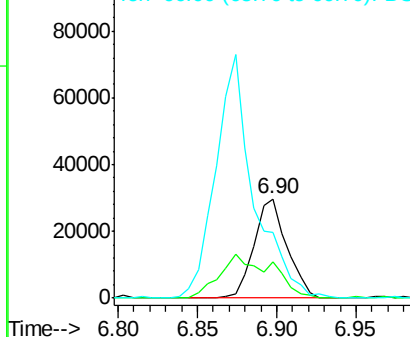
94 100

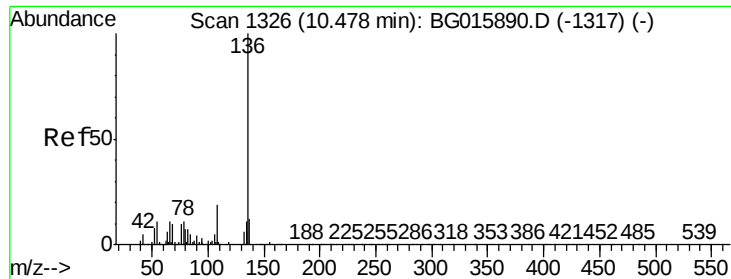
65 36.2 16.5 56.5

66 65.5 33.3 73.3



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

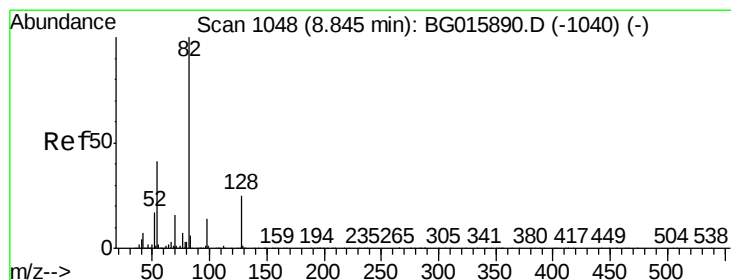
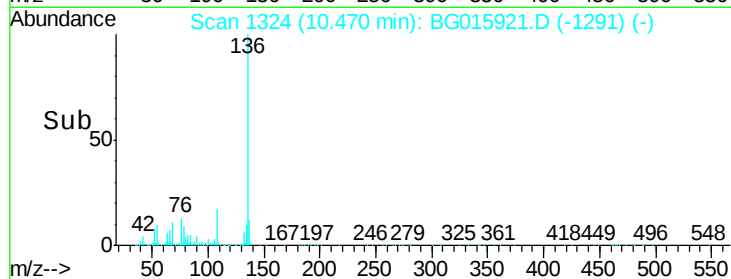
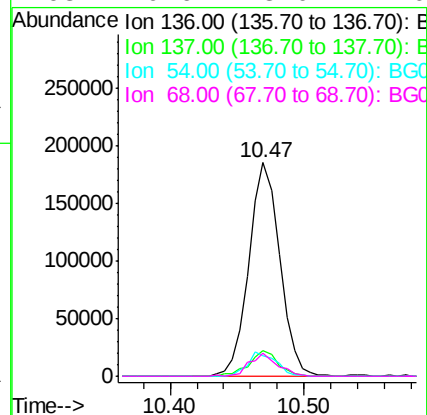
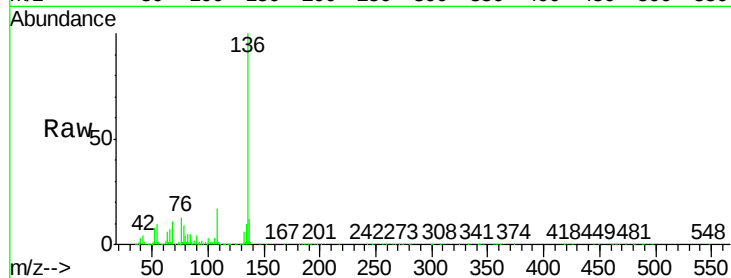




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

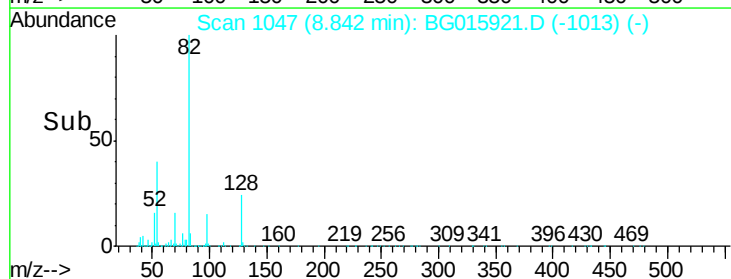
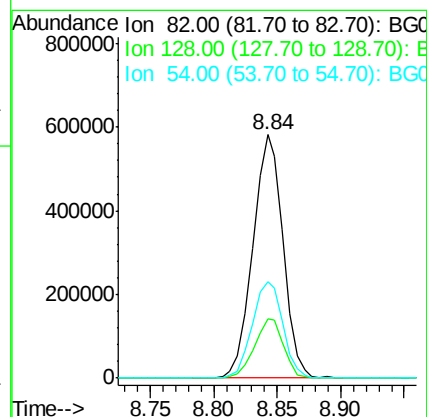
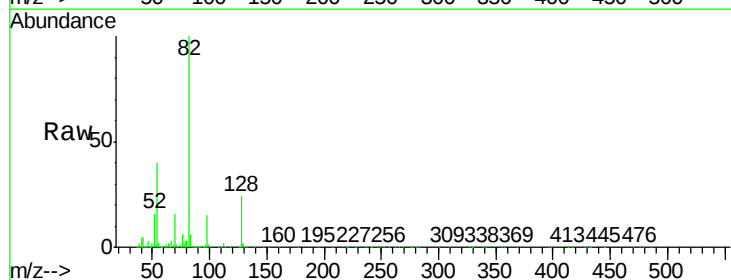
Instrument :
BNA_G
ClientSampleId :
SB-73(28-30)

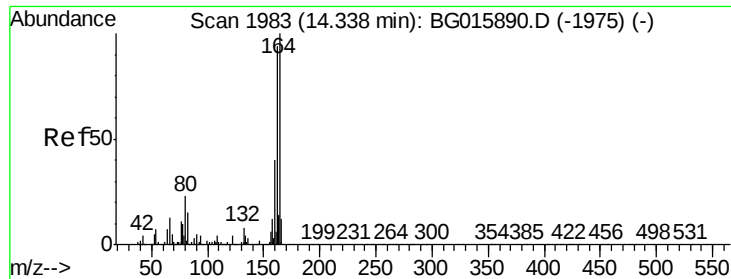
Tgt Ion:	136	Resp:	296419
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	9.7	8.5	12.7
68	10.6	8.0	12.0



#23
Nitrobenzene-d5
Concen: 93.42 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

Tgt Ion:	82	Resp:	960650
Ion	Ratio	Lower	Upper
82	100		
128	24.3	19.8	29.8
54	39.7	33.0	49.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

Instrument :

BNA_G

ClientSampleId :

SB-73(28-30)

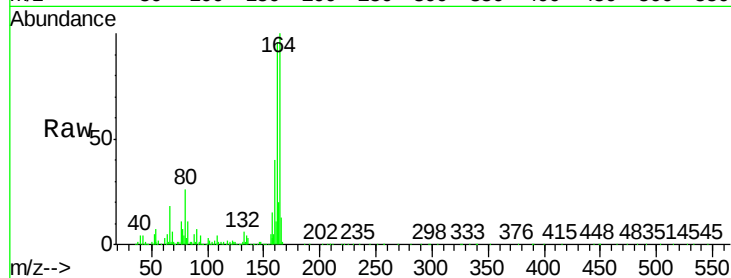
Tgt Ion:164 Resp: 257550

Ion Ratio Lower Upper

164 100

162 96.1 75.1 112.7

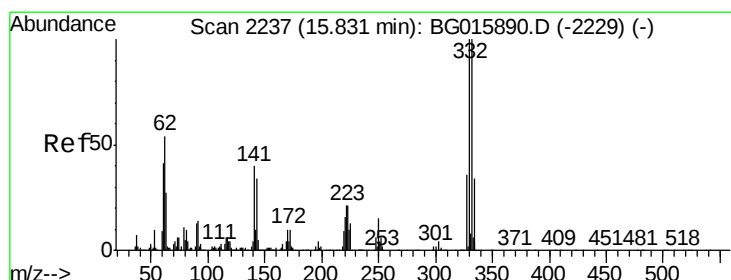
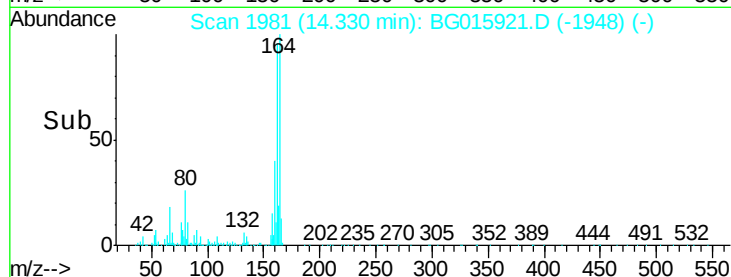
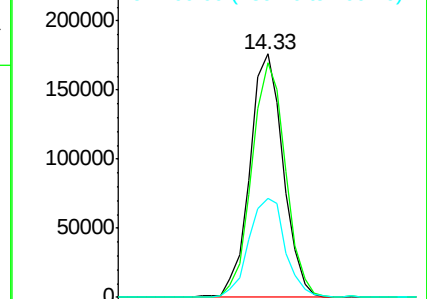
160 40.4 32.3 48.5



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: 150.03 ng

RT: 15.82 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

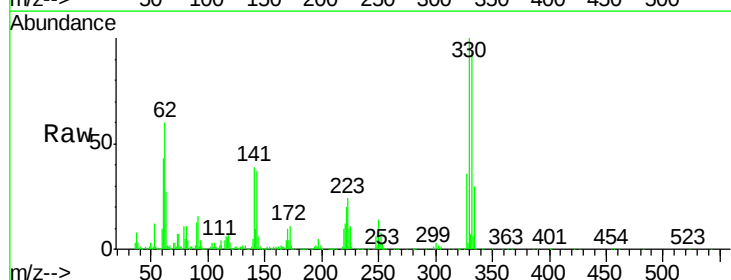
Tgt Ion:330 Resp: 707375

Ion Ratio Lower Upper

330 100

332 98.9 75.4 113.0

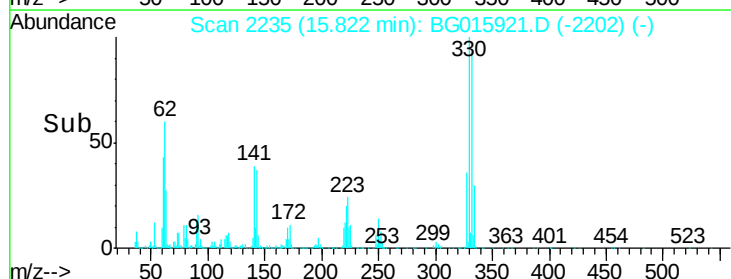
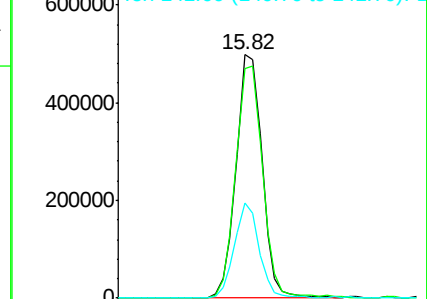
141 37.3 33.0 49.6

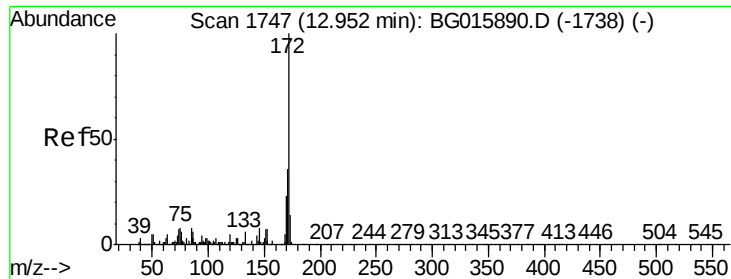


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 95.37 ng

RT: 12.95 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

Instrument :

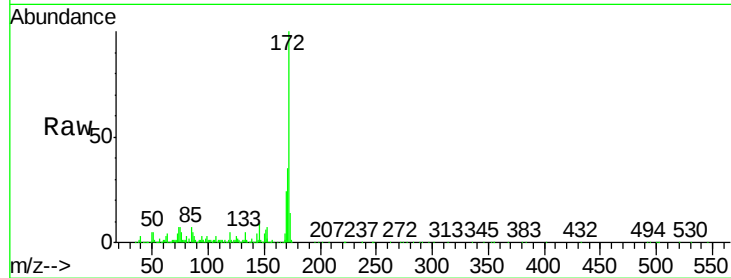
BNA_G

ClientSampleId :

SB-73(28-30)

Tgt Ion:172 Resp: 1565421

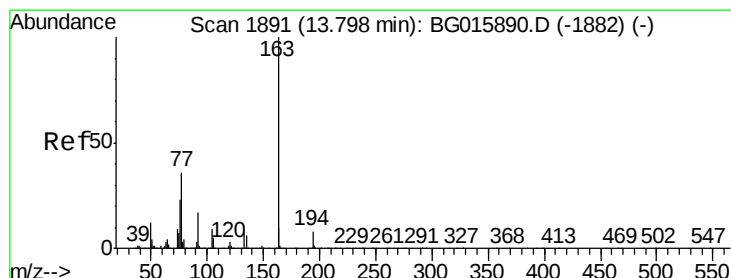
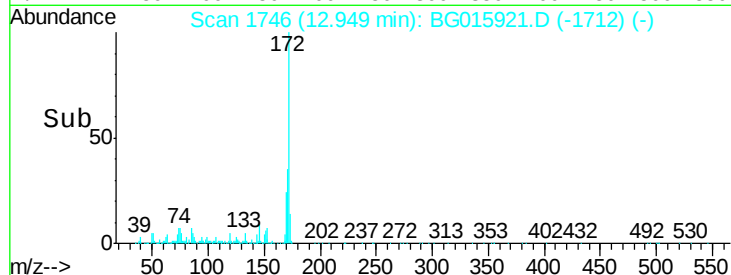
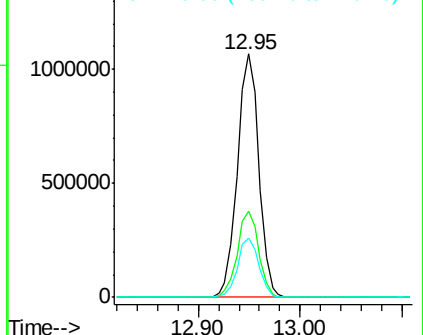
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.2	43.8
170	24.2	18.6	27.8



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: 3.64 ng

RT: 13.79 min Scan# 1889

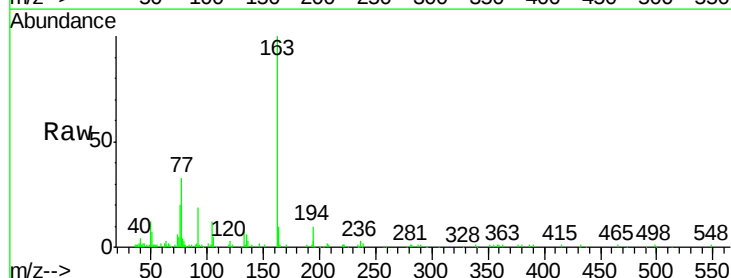
Delta R.T. -0.01 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

Tgt Ion:163 Resp: 67438

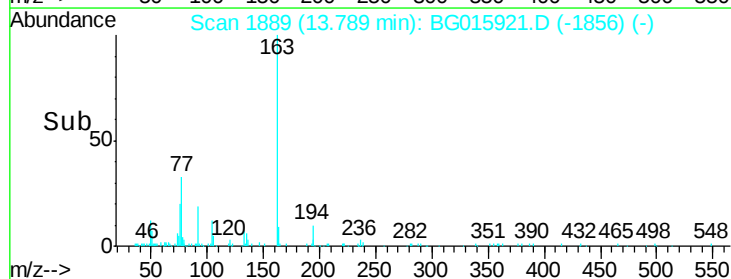
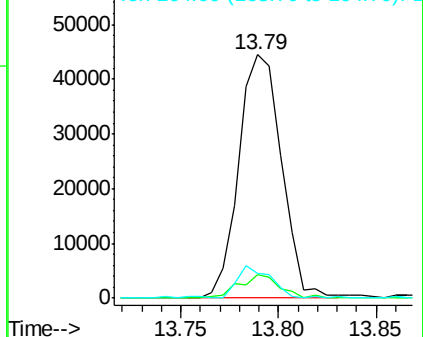
Ion	Ratio	Lower	Upper
163	100		
194	9.5	6.2	9.4#
164	10.3	8.0	12.0

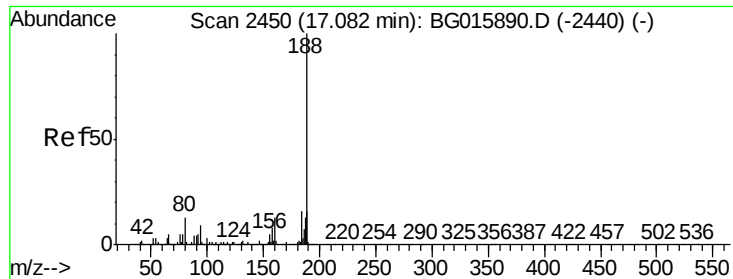


Abundance Ion 163.00 (162.70 to 163.70): E

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: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

Instrument :

BNA_G

ClientSampleId :

SB-73(28-30)

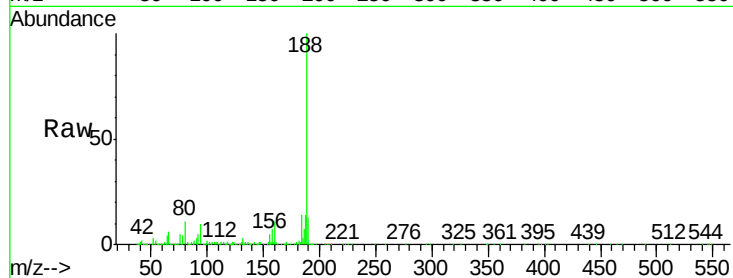
Tgt Ion:188 Resp: 717124

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.8

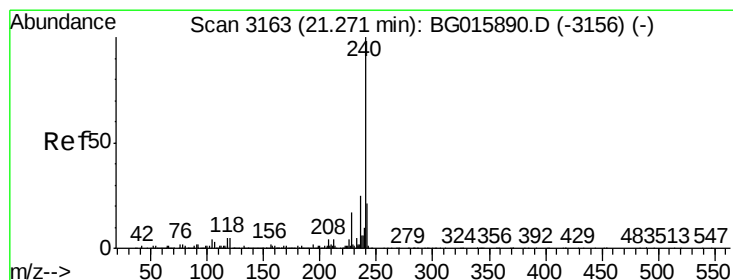
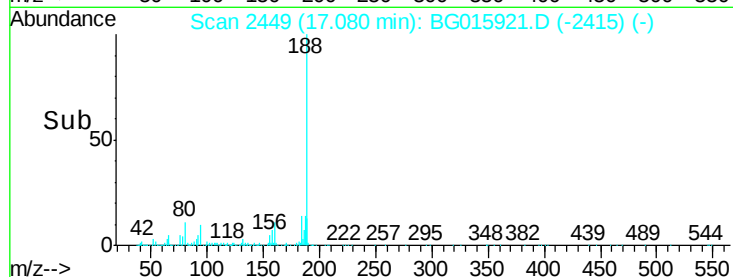
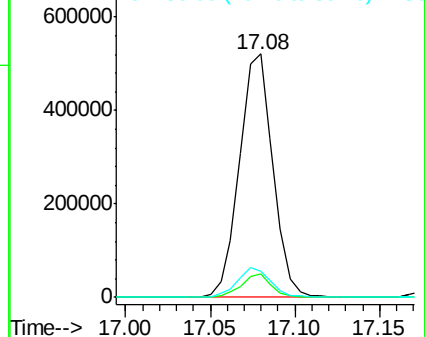
80 10.6 10.6 16.0#



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: 21.26 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

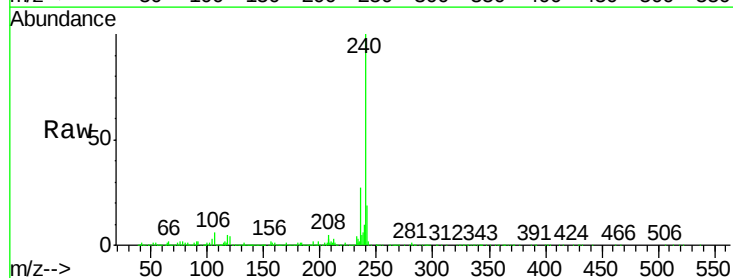
Tgt Ion:240 Resp: 1018218

Ion Ratio Lower Upper

240 100

120 3.9 3.9 5.9#

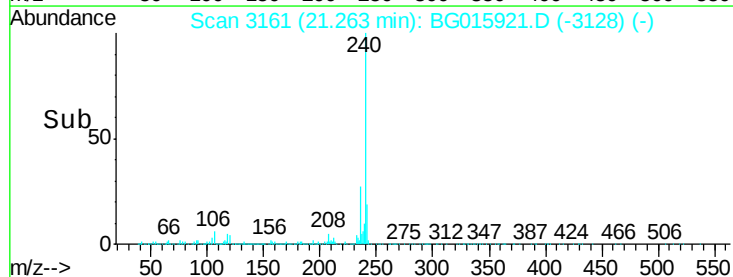
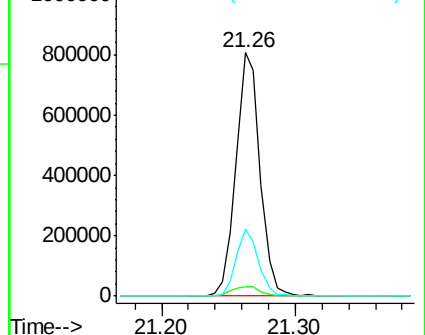
236 27.3 20.0 30.0

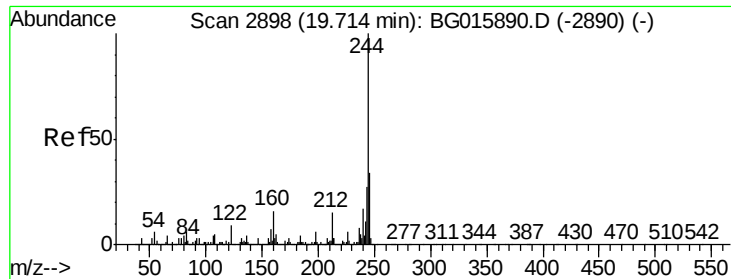


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.00 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

Instrument :

BNA_G

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SB-73(28-30)

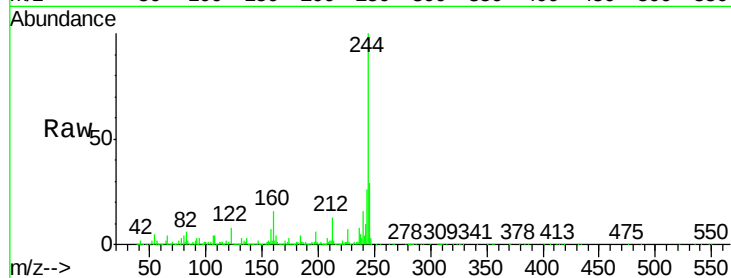
Tgt Ion:244 Resp: 3257426

Ion Ratio Lower Upper

244 100

212 12.8 11.6 17.4

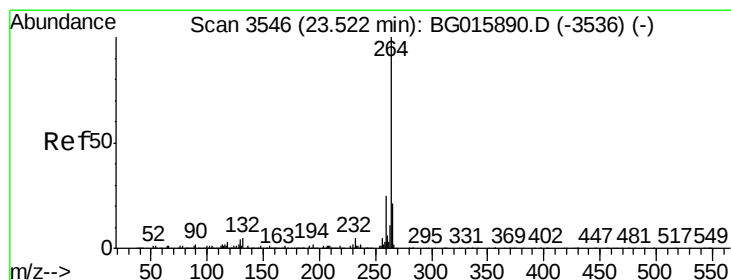
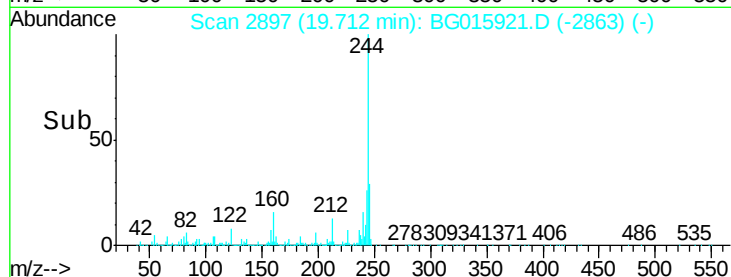
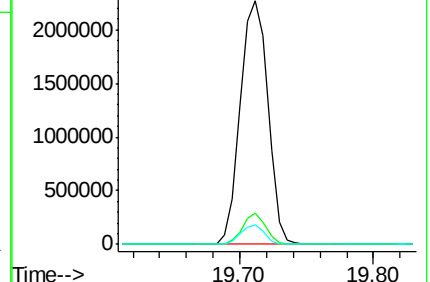
122 8.0 7.0 10.4



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: 23.52 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

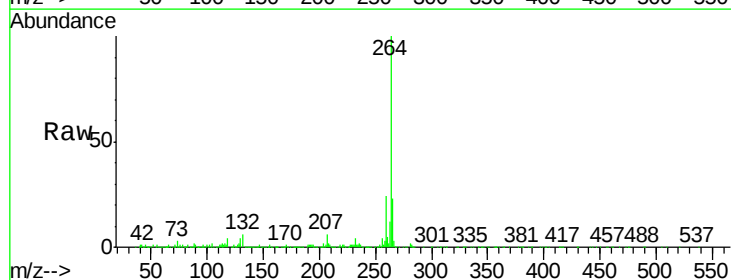
Tgt Ion:264 Resp: 955324

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 23.4 17.3 25.9



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

