

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031552.D
 Acq On : 14 Dec 2017 6:22
 Operator : SJ/JU
 Sample : I6684-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 07:17:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

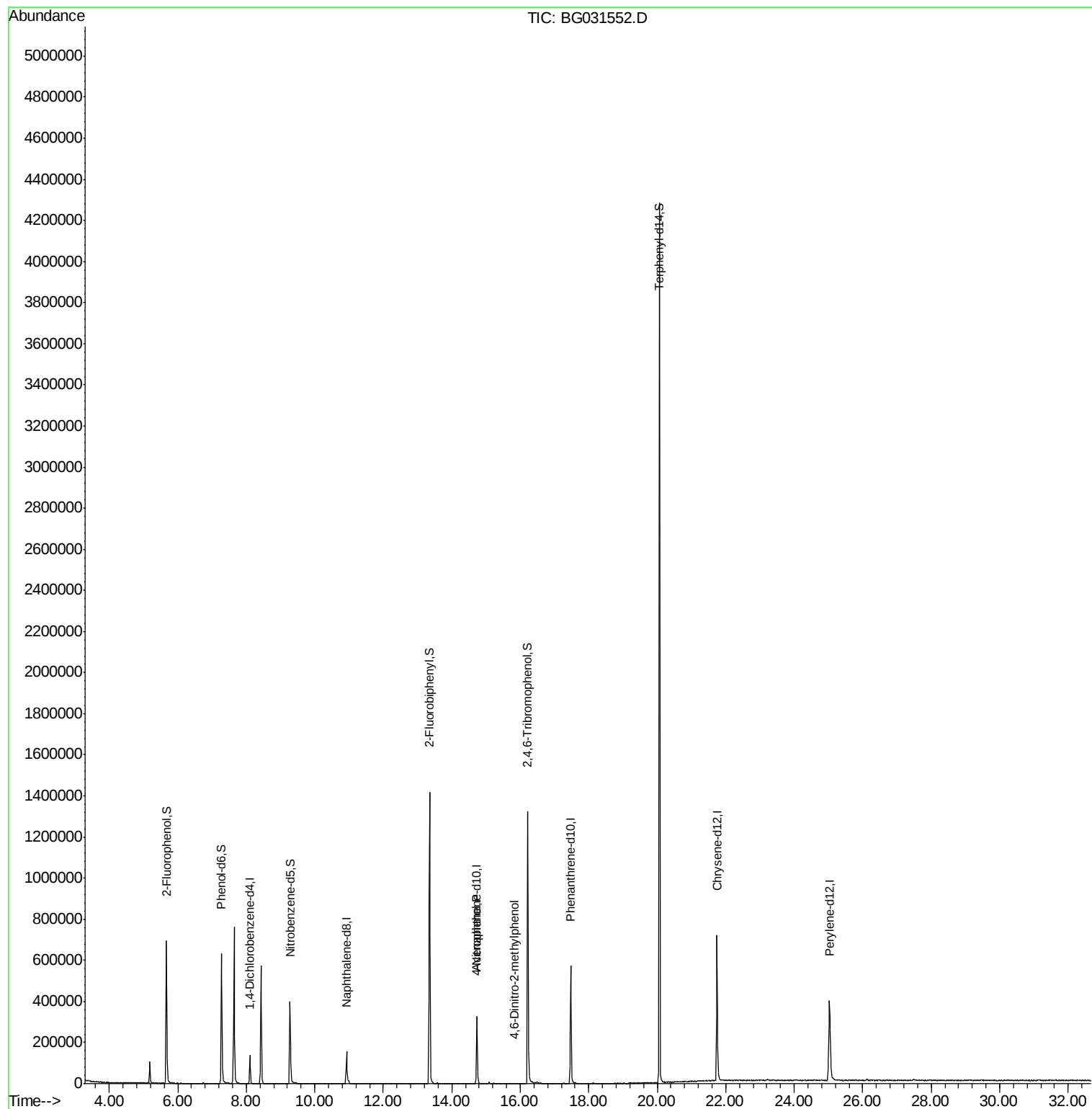
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43561	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	187395	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	132165	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	421923	20.00	ng	0.00
75) Chrysene-d12	21.74	240	501345	20.00	ng	0.00
86) Perylene-d12	25.03	264	493861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	354741	144.35	ng	0.00
7) Phenol-d6	7.28	99	433266	126.99	ng	0.00
23) Nitrobenzene-d5	9.28	82	284449	93.56	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	298856	193.01	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	865855	96.16	ng	0.00
78) Terphenyl-d14	20.06	244	2128219	96.58	ng	0.00
Target Compounds						
55) 4-Nitrophenol	14.72	139	64	3.580	ng	# 41
64) 4,6-Dinitro-2-methylphenol	15.83	198	54	4.928	ng	# 29

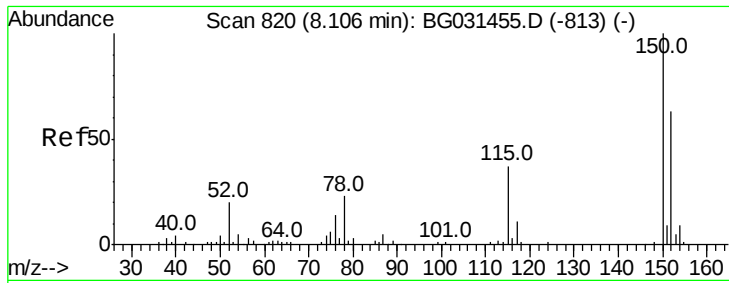
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 14 07:17:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration



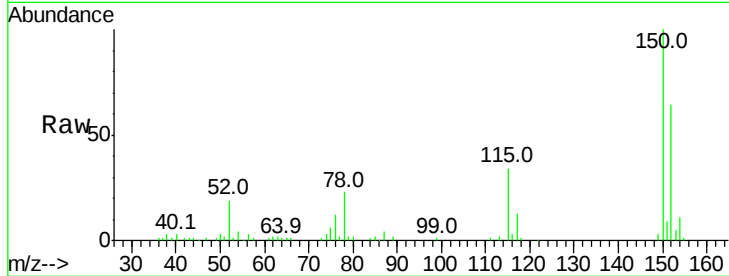


#1

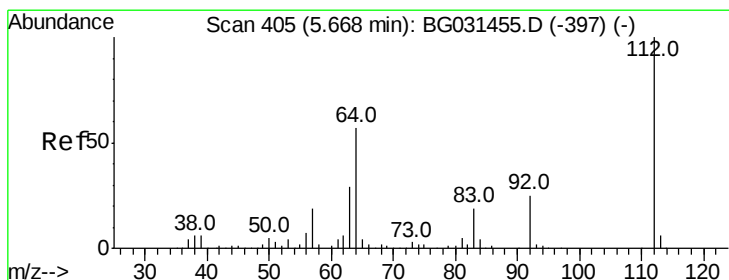
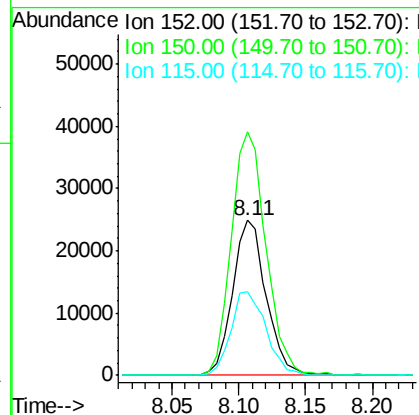
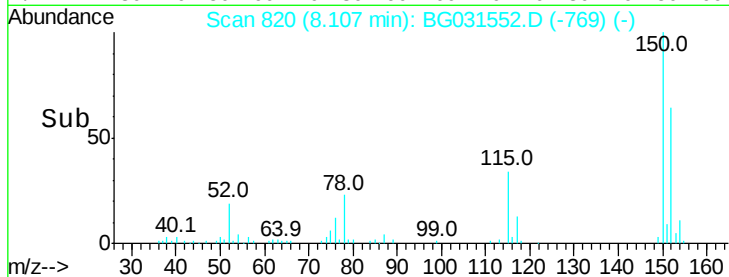
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031552.D
Acq: 14 Dec 2017 6:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43561
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 53.9 53.0 79.4



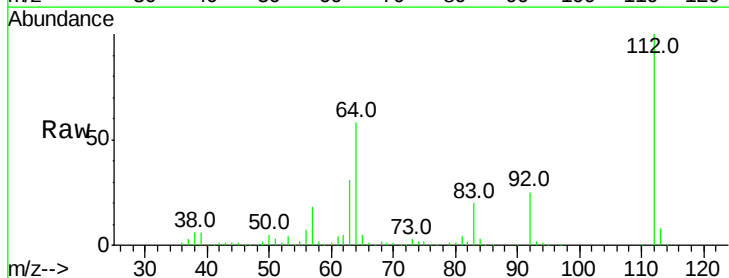
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



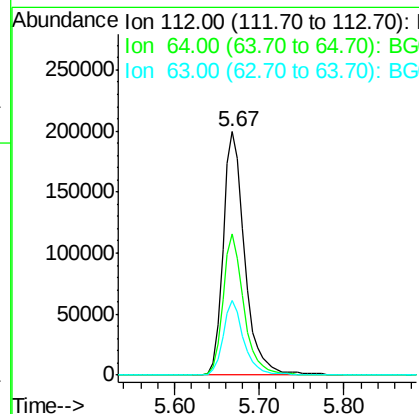
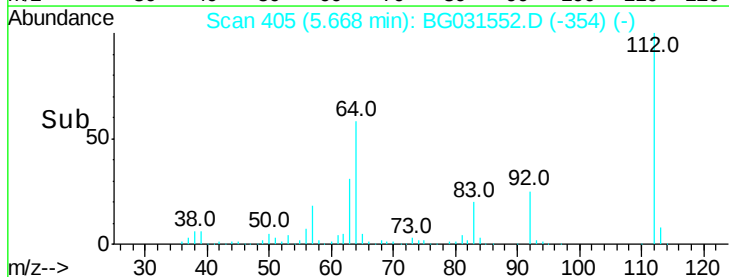
#5

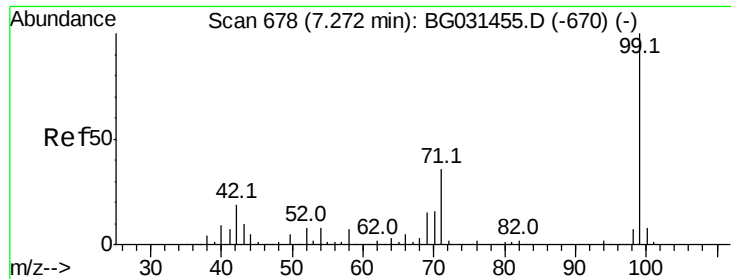
2-Fluorophenol
Concen: 144.346 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031552.D
Acq: 14 Dec 2017 6:22

Tgt Ion:112 Resp: 354741
Ion Ratio Lower Upper
112 100
64 58.1 56.3 84.5
63 30.6 30.1 45.1



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: 126.994 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031552.D

Acq: 14 Dec 2017 6:22

Instrument :

BNA_G

ClientSampleId :

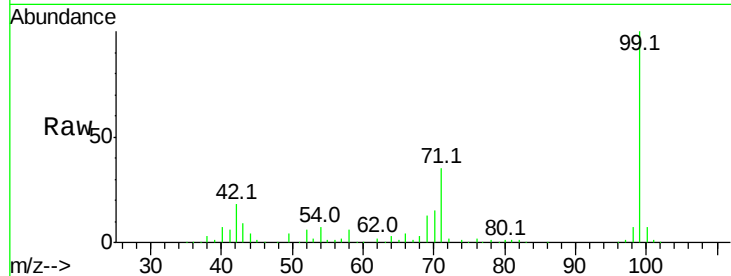
Tot Ion: 99 Resp: 433266

Ion Ratio Lower Upper

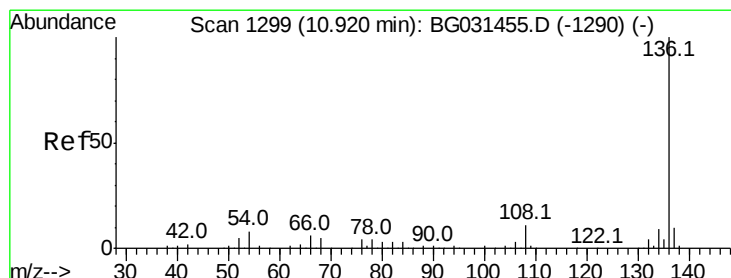
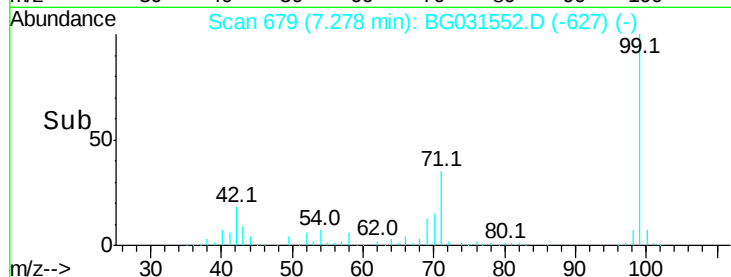
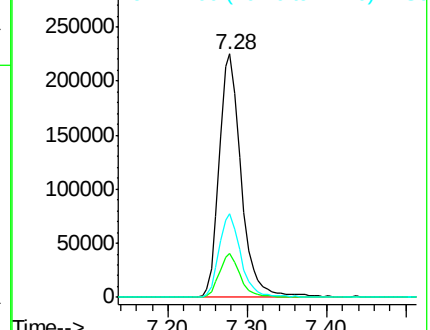
99 100

42 17.9 14.1 21.1

71 34.5 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031552.D

Acq: 14 Dec 2017 6:22

Tgt Ion: 136 Resp: 187395

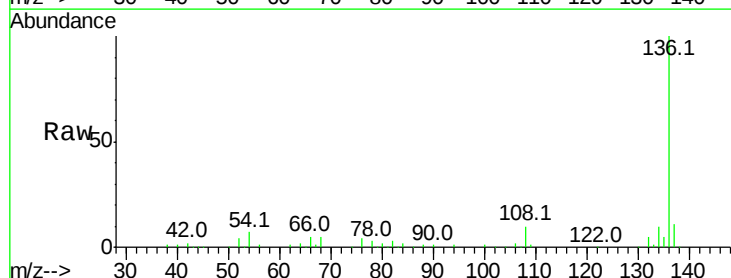
Ion Ratio Lower Upper

136 100

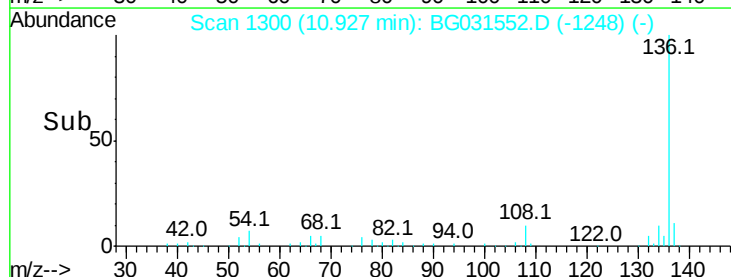
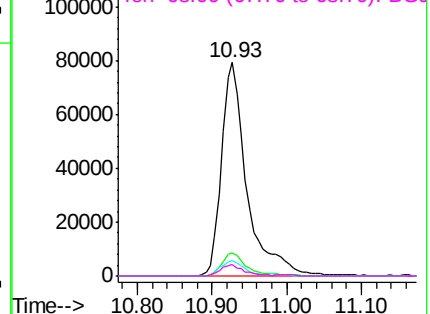
137 10.8 9.2 13.8

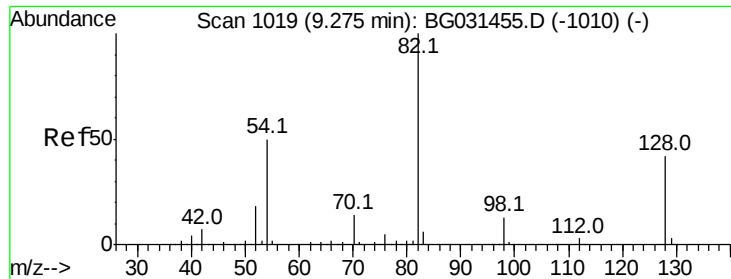
54 7.3 10.3 15.5#

68 5.4 4.5 6.7



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

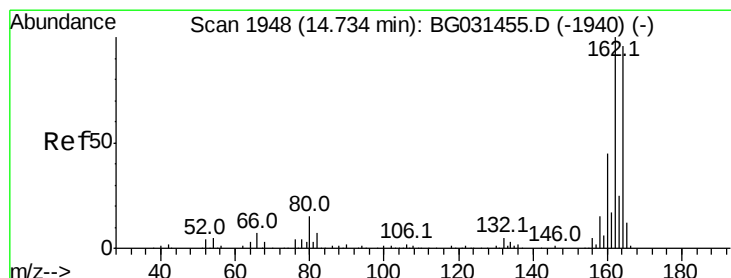
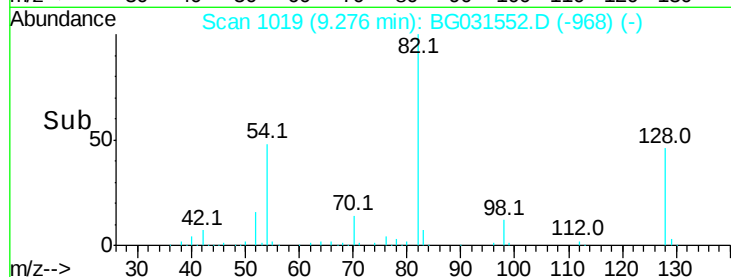
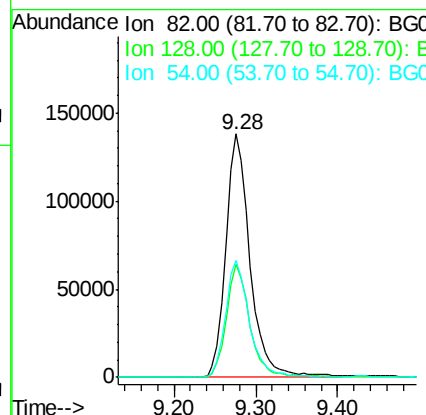
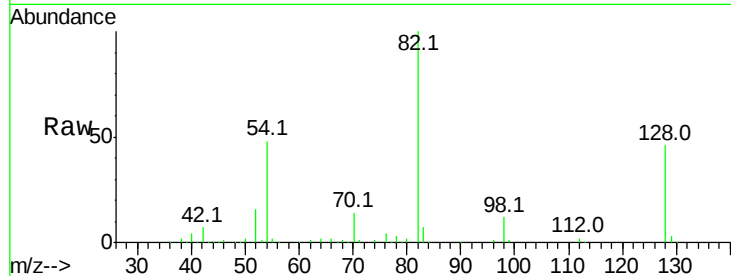




#23
 Nitrobenzene-d5
 Concen: 93.559 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031552.D
 Acq: 14 Dec 2017 6:22

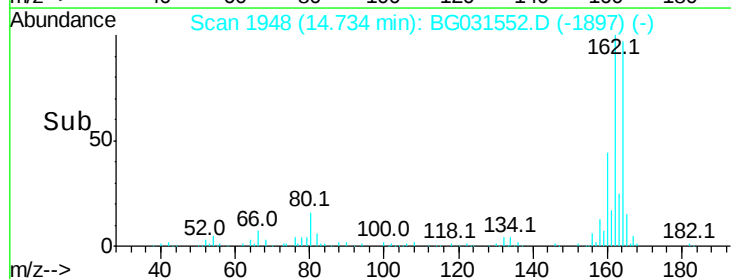
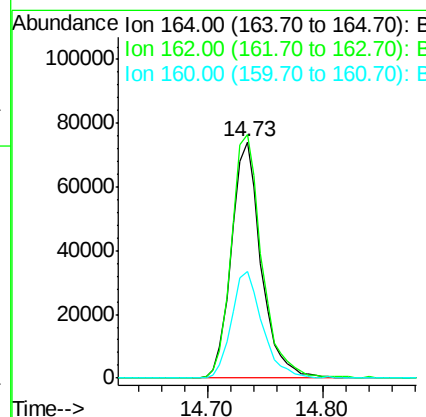
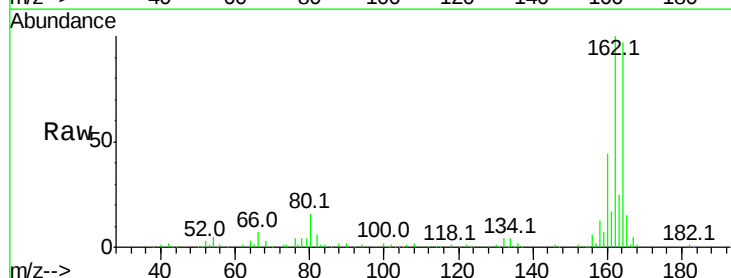
Instrument :
 BNA_G
 ClientSampleId :

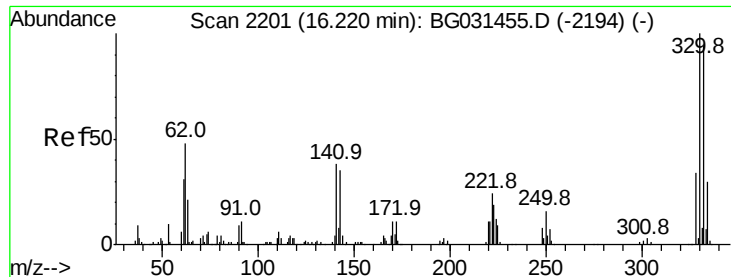
Tot Ion	82	Resp	284449
Ion Ratio	Lower	Upper	
82	100		
128	46.2	29.7	44.5#
54	47.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BG031552.D
 Acq: 14 Dec 2017 6:22

Tgt Ion	164	Resp	132165
Ion Ratio	Lower	Upper	
164	100		
162	103.1	78.8	118.2
160	45.2	35.4	53.0

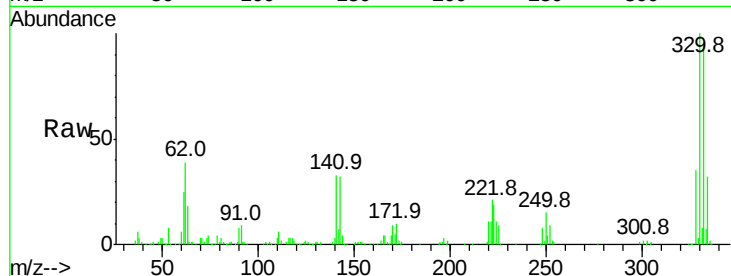




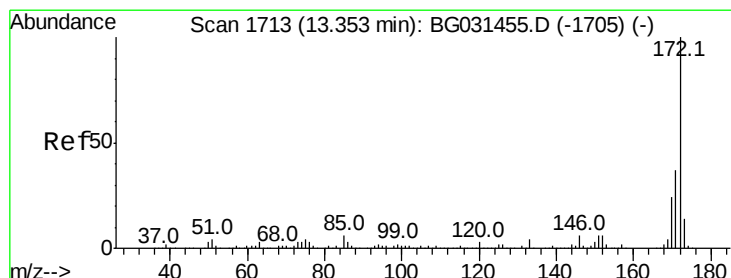
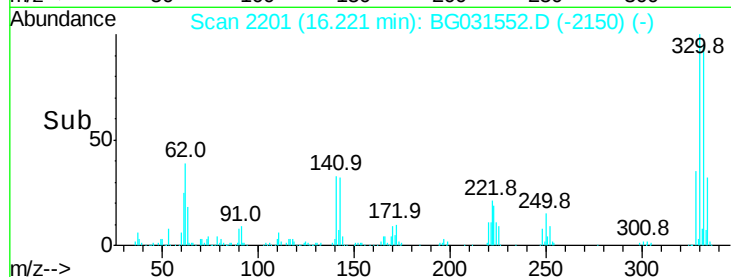
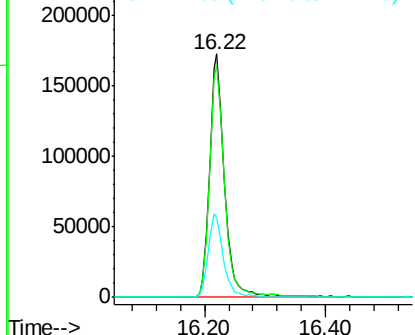
#41
 2,4,6-Tribromophenol
 Concen: 193.013 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031552.D
 Acq: 14 Dec 2017 6:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.7	25.2	37.8

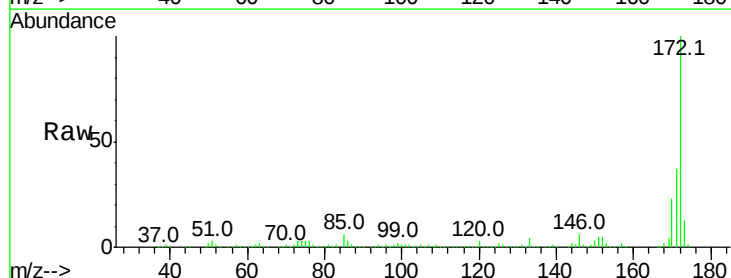


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

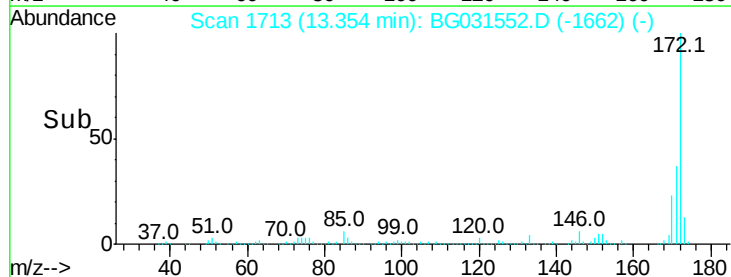
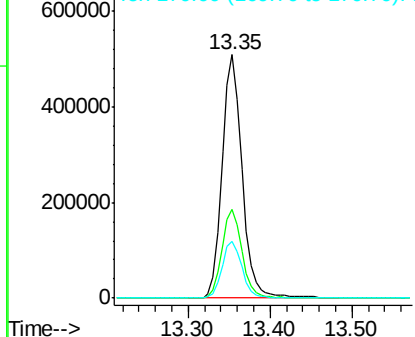


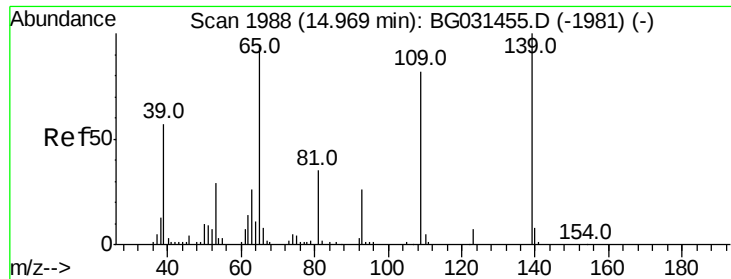
#44
 2-Fluorobiphenyl
 Concen: 96.165 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031552.D
 Acq: 14 Dec 2017 6:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	23.4	19.5	29.3



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

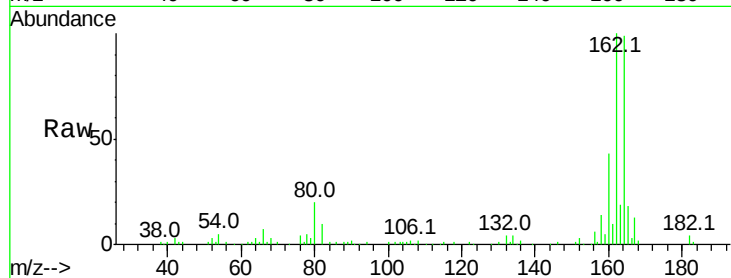




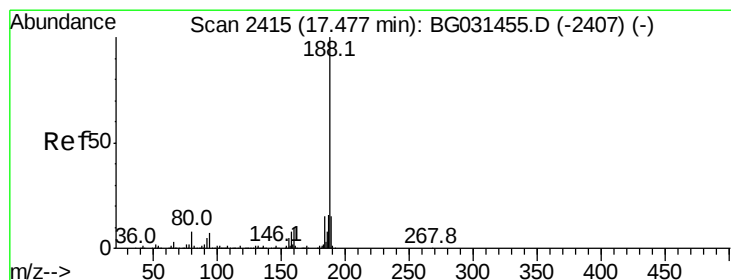
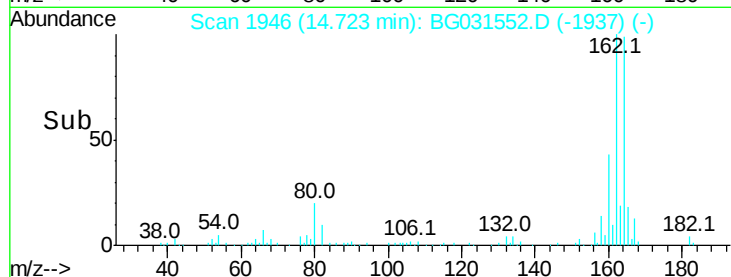
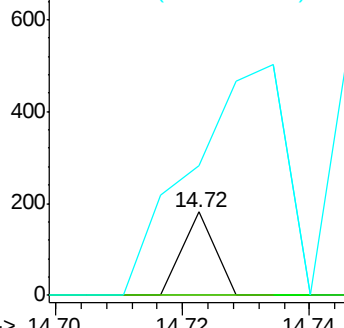
#55
4-Nitrophenol
Concen: 3.580 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.25 min
Lab File: BG031552.D
Acq: 14 Dec 2017 6:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 156.4 97.2 137.2#

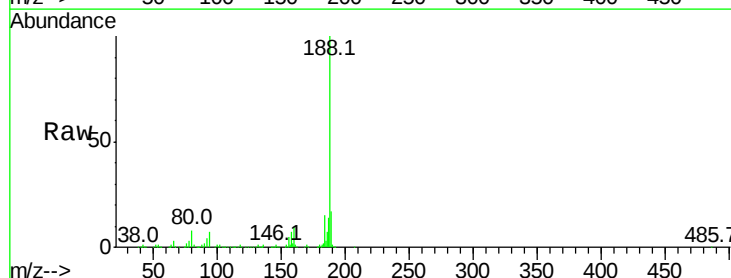


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

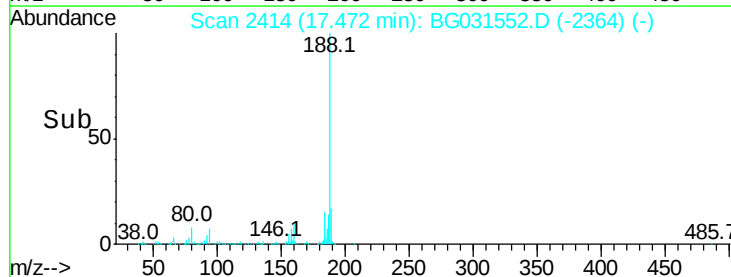
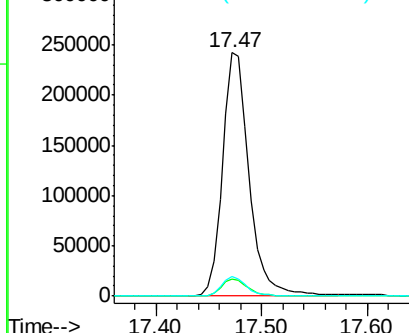


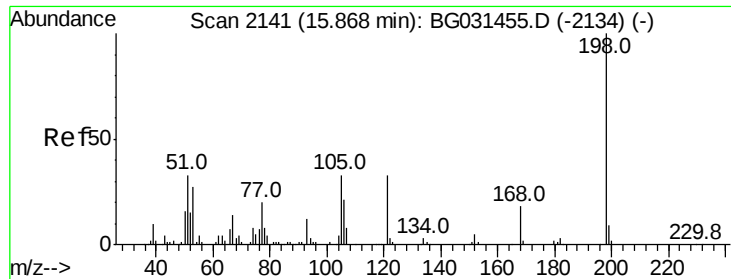
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031552.D
Acq: 14 Dec 2017 6:22

Tgt Ion:188 Resp: 421923
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.9 7.7 11.5



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

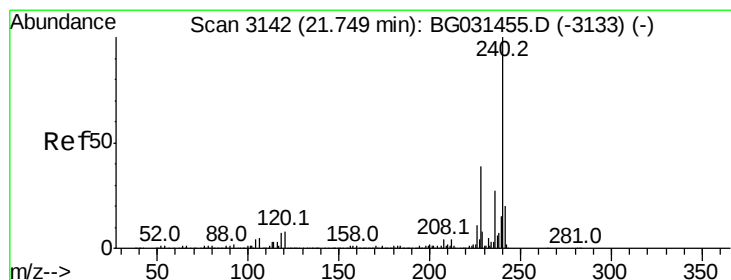
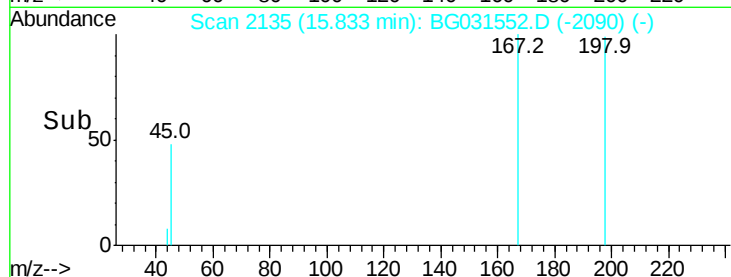
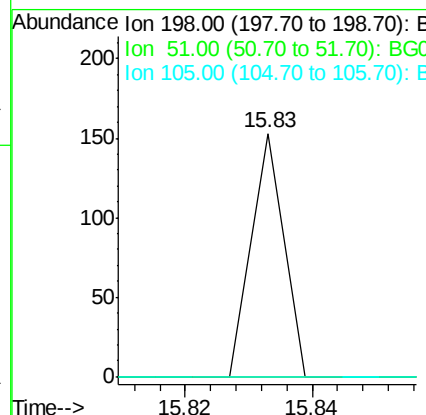
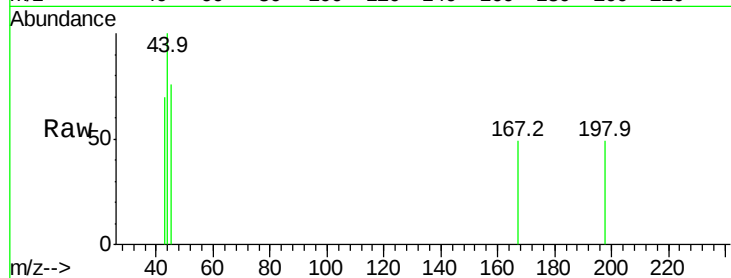




#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.928 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.03 min
 Lab File: BG031552.D
 Acq: 14 Dec 2017 6:22

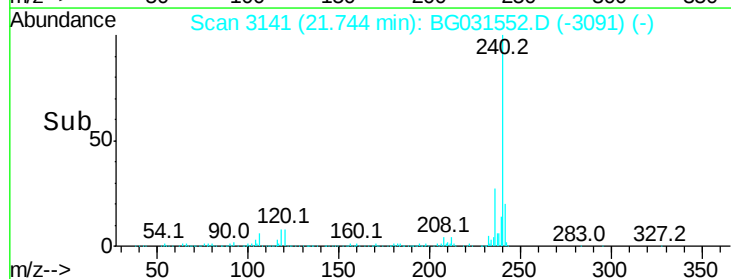
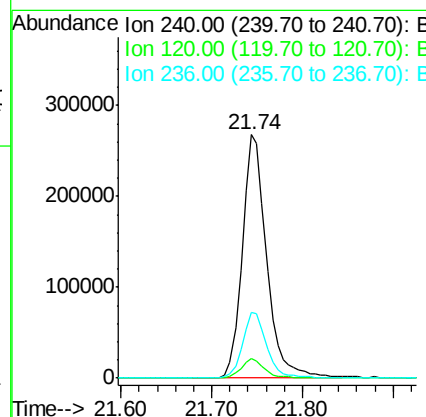
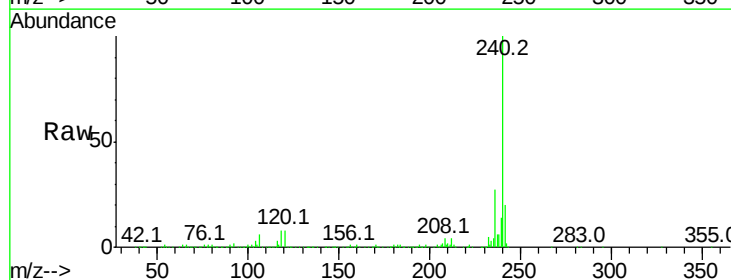
Instrument :
 BNA_G
 ClientSampleId :

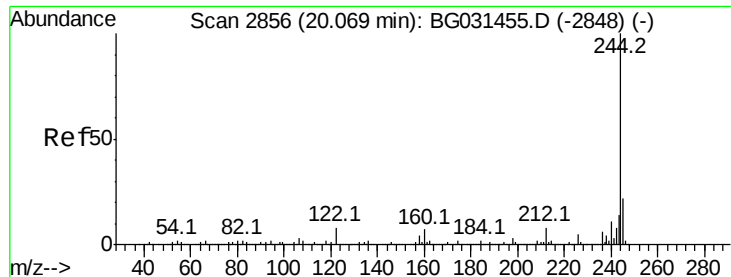
Tot Ion:198 Resp: 54
 Ion Ratio Lower Upper
 198 100
 51 0.0 30.6 70.6#
 105 0.0 23.8 63.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG031552.D
 Acq: 14 Dec 2017 6:22

Tgt Ion:240 Resp: 501345
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.8 10.2
 236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 96.581 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031552.D

Acq: 14 Dec 2017 6:22

Instrument :

BNA_G

ClientSampleId :

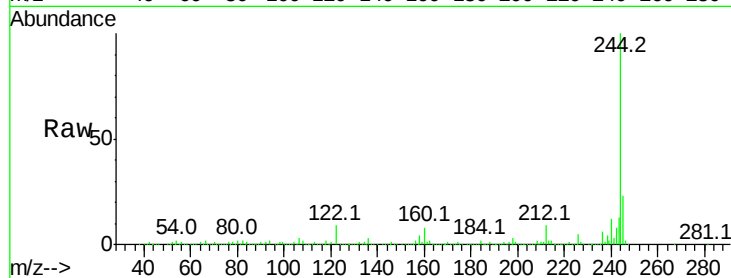
Tot Ion:244 Resp: 2128219

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.3	7.0	10.4

244 100

212 8.5 5.8 8.8

122 9.3 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

1500000

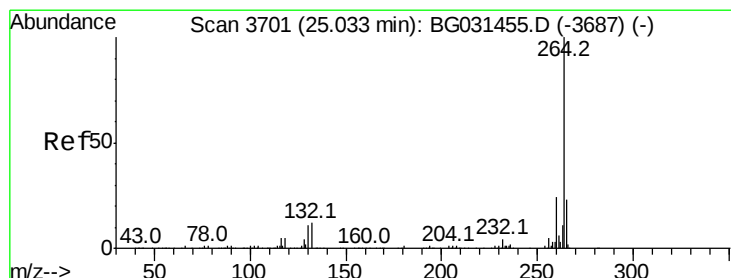
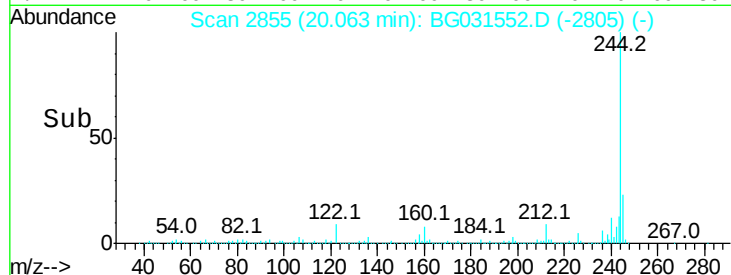
1000000

500000

0

20.06

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BG031552.D

Acq: 14 Dec 2017 6:22

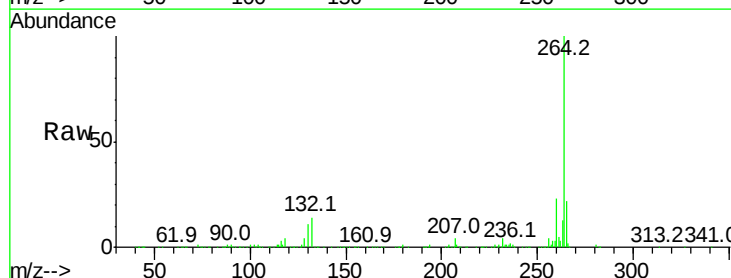
Tgt Ion:264 Resp: 493861

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	22.3	17.7	26.5

264 100

260 22.5 17.4 26.0

265 22.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

150000

100000

50000

0

25.03

Time-->

