

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031544.D
 Acq On : 14 Dec 2017 1:22
 Operator : SJ/JU
 Sample : I6885-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 03:42:36 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

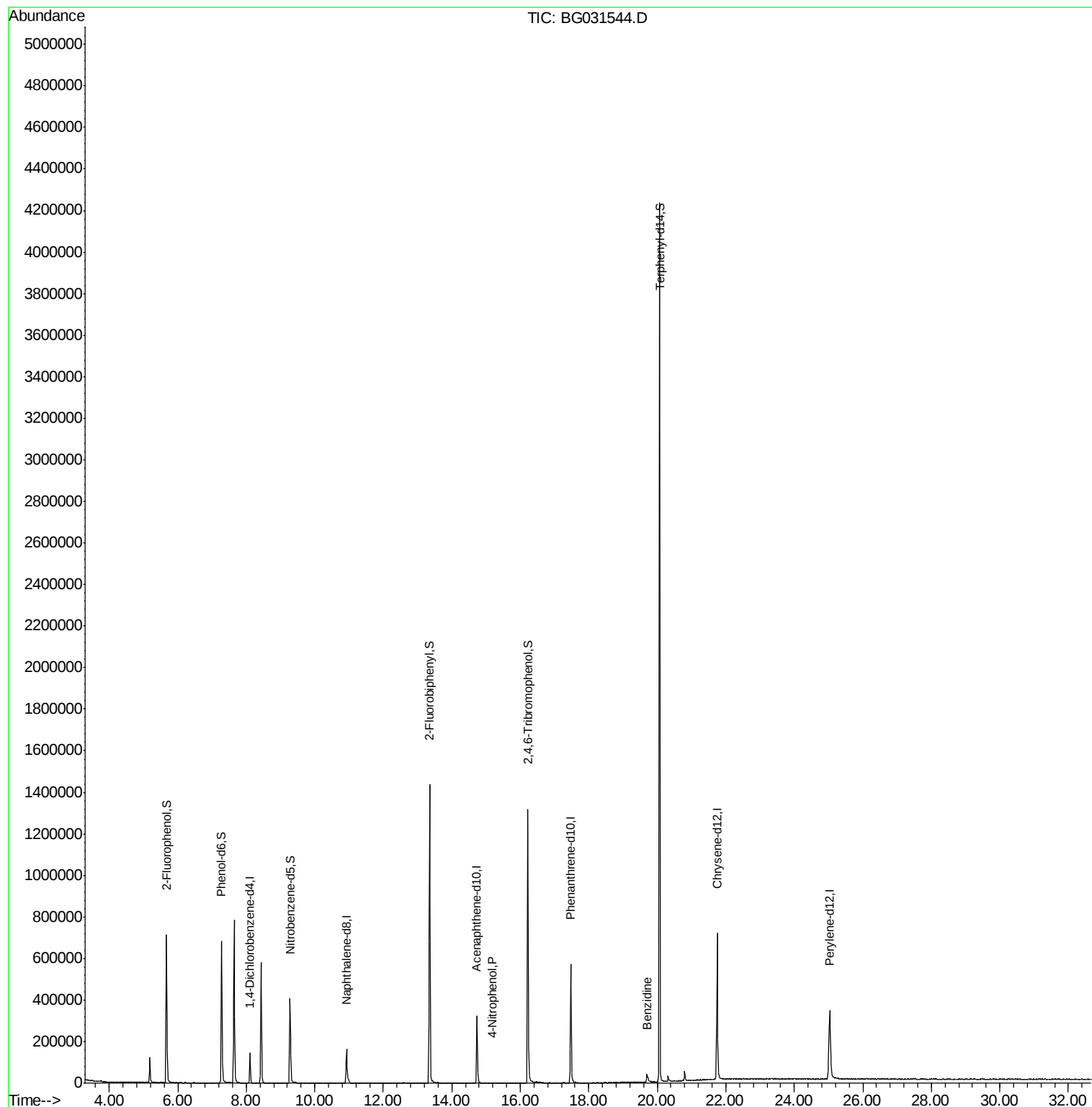
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	45334	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	195268	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	133501	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	415992	20.00	ng	0.00
75) Chrysene-d12	21.75	240	502191	20.00	ng	0.00
86) Perylene-d12	25.03	264	458602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	373853	146.17	ng	0.00
7) Phenol-d6	7.28	99	462893	130.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	291942	92.15	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	285373	182.46	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	879422	96.69	ng	0.00
78) Terphenyl-d14	20.07	244	2103647	95.31	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.17	139	71	3.584	ng	Qvalue # 1
76) Benzidine	19.70	184	28330	2.424	ng	96

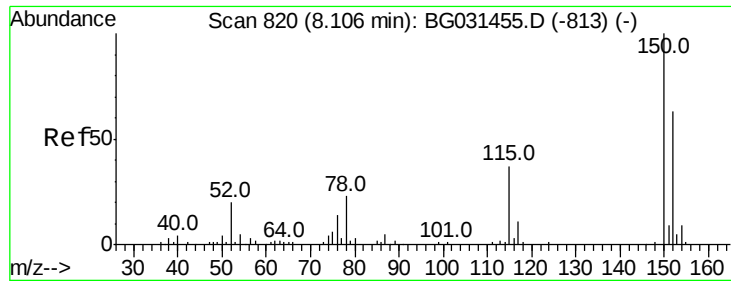
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031544.D
Acq On : 14 Dec 2017 1:22
Operator : SJ/JU
Sample : I6885-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 14 03:42:36 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



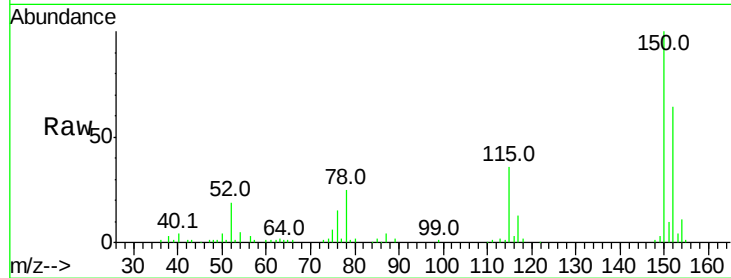


#1

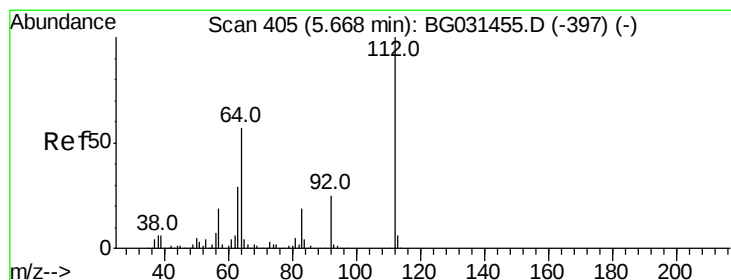
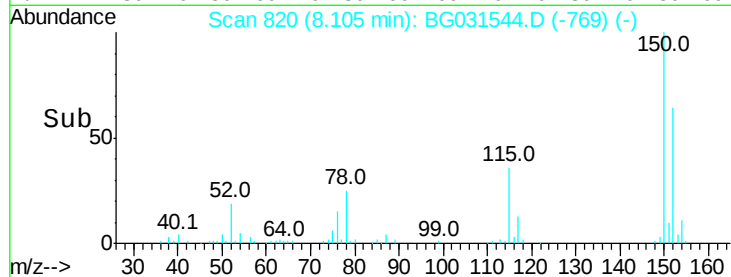
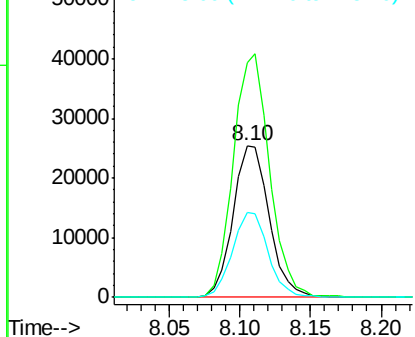
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45334
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 55.7 53.0 79.4



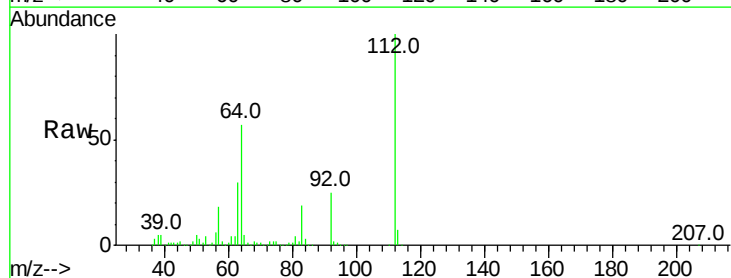
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



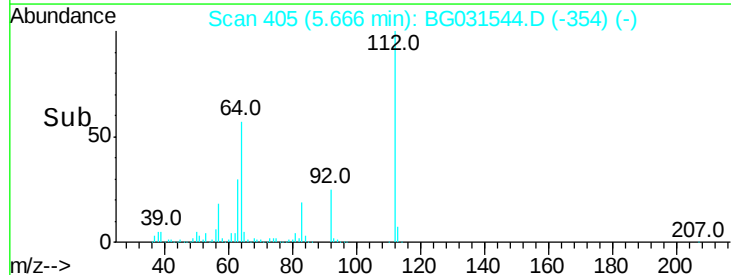
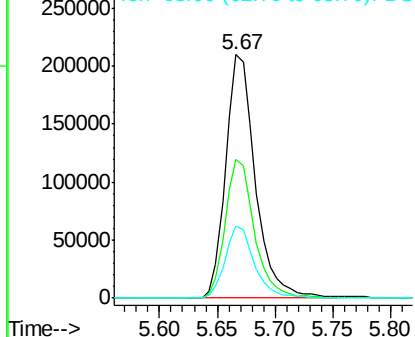
#5

2-Fluorophenol
Concen: 146.173 ng
RT: 5.67 min Scan# 405
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Tgt Ion:112 Resp: 373853
Ion Ratio Lower Upper
112 100
64 56.7 56.3 84.5
63 29.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 130.372 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG031544.D

Acq: 14 Dec 2017 1:22

Instrument :

BNA_G

ClientSampleId :

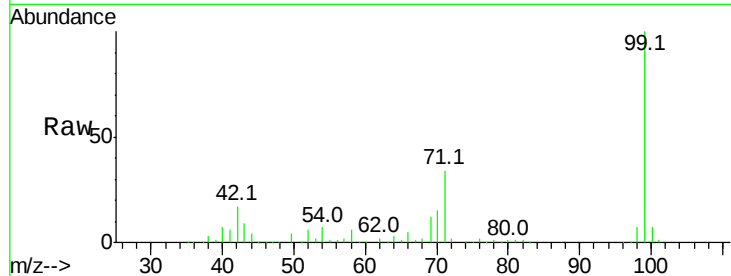
Tot Ion: 99 Resp: 462893

Ion Ratio Lower Upper

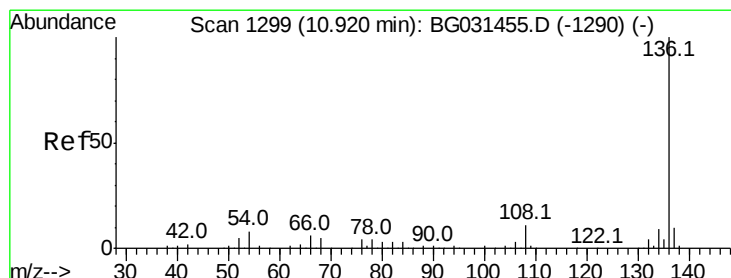
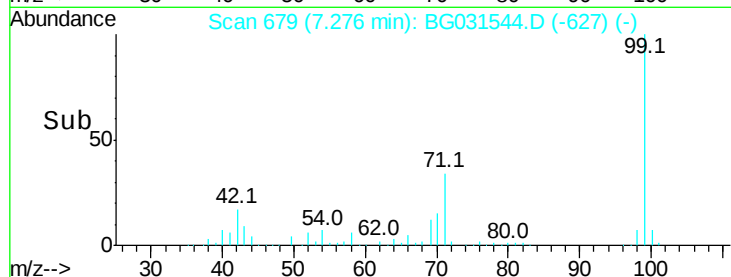
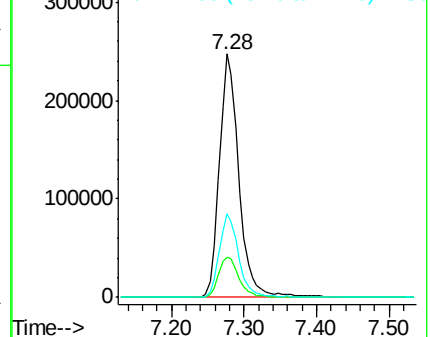
99 100

42 16.5 14.1 21.1

71 34.2 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. 0.00 min

Lab File: BG031544.D

Acq: 14 Dec 2017 1:22

Tgt Ion: 136 Resp: 195268

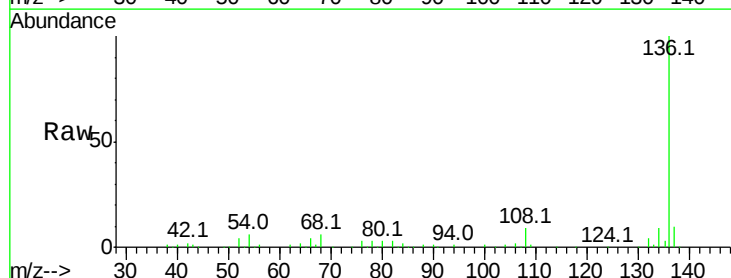
Ion Ratio Lower Upper

136 100

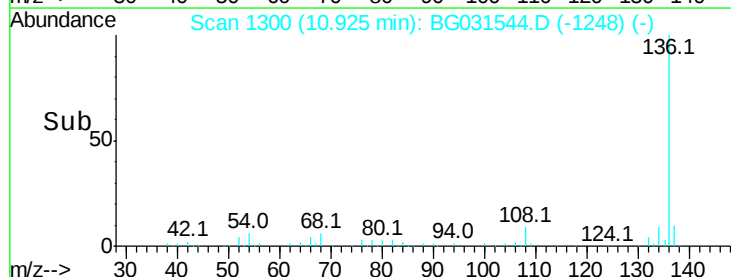
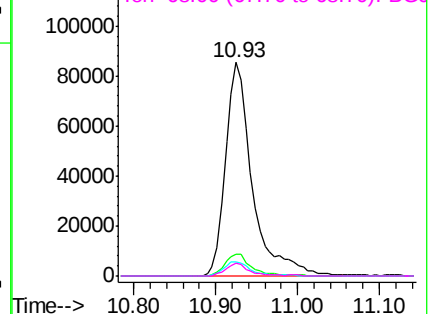
137 10.1 9.2 13.8

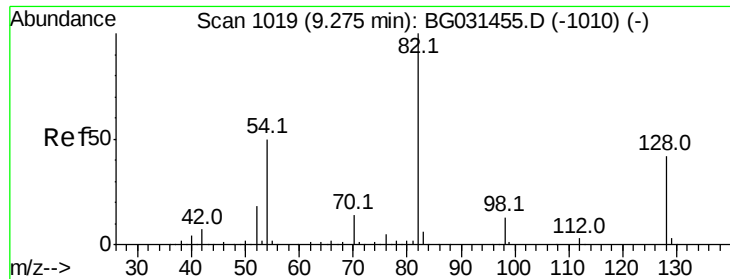
54 6.5 10.3 15.5#

68 5.8 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

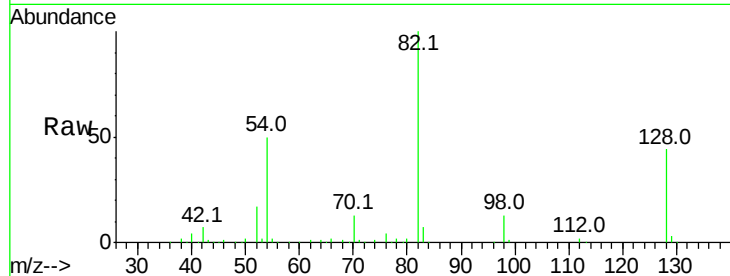




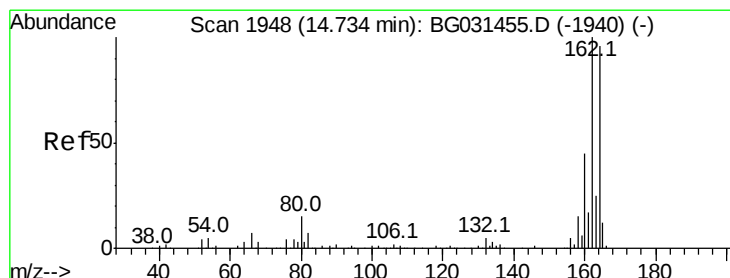
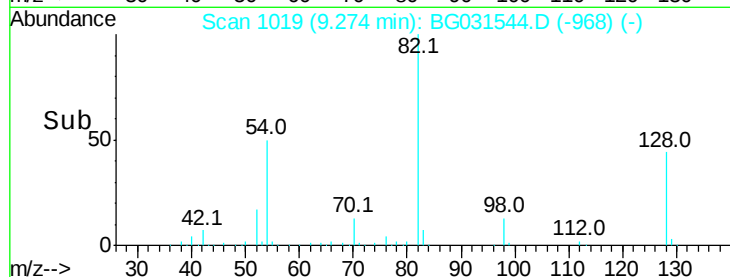
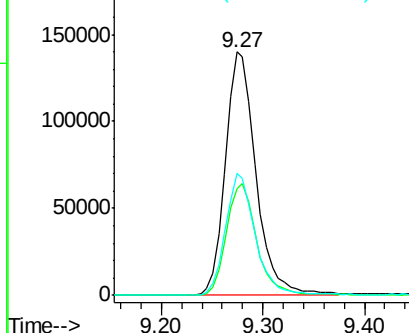
#23
Nitrobenzene-d5
Concen: 92.152 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	49.9	43.1	64.7

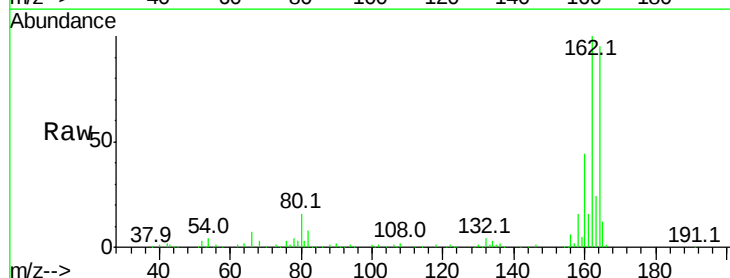


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

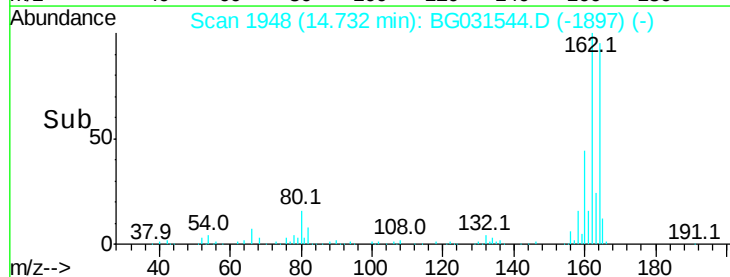
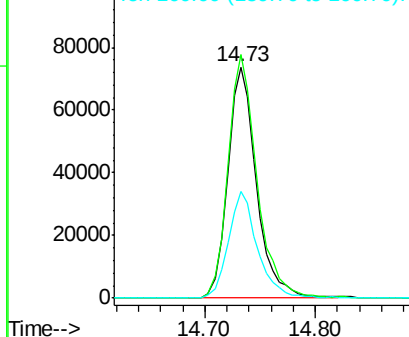


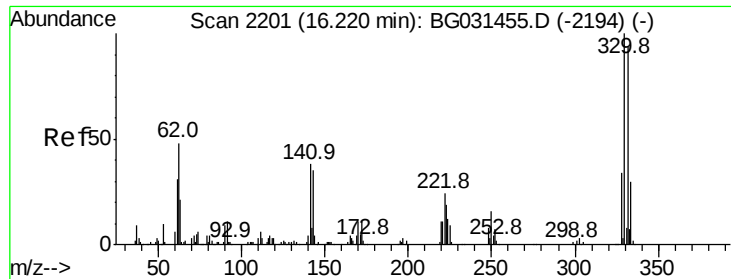
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	46.3	35.4	53.0



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

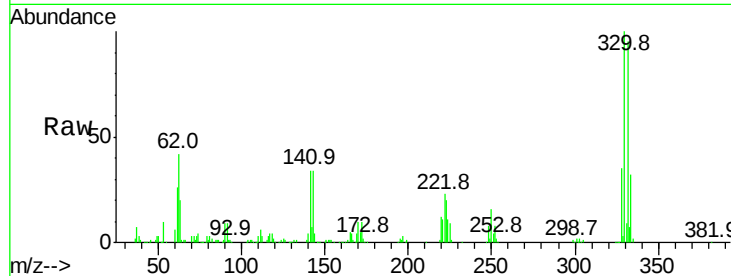




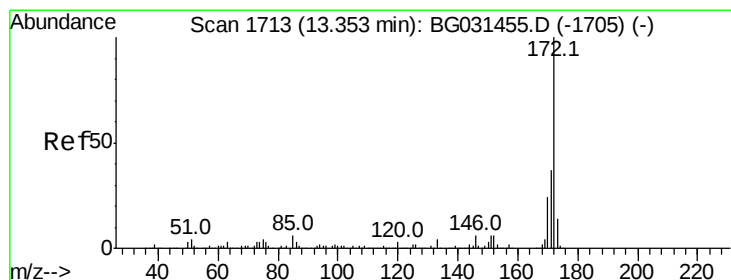
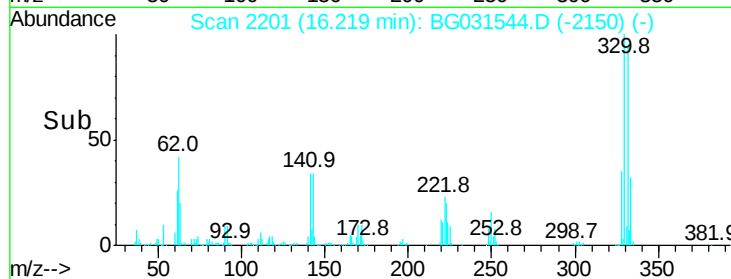
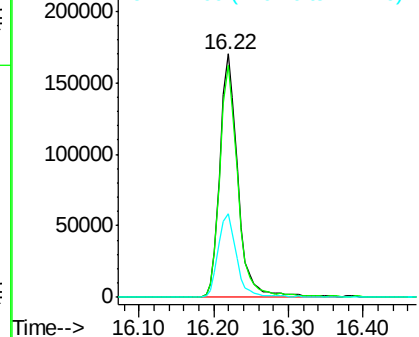
#41
 2,4,6-Tribromophenol
 Concen: 182.461 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031544.D
 Acq: 14 Dec 2017 1:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 285373
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 35.0 25.2 37.8

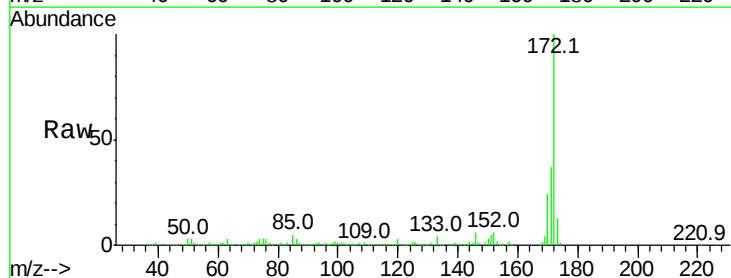


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

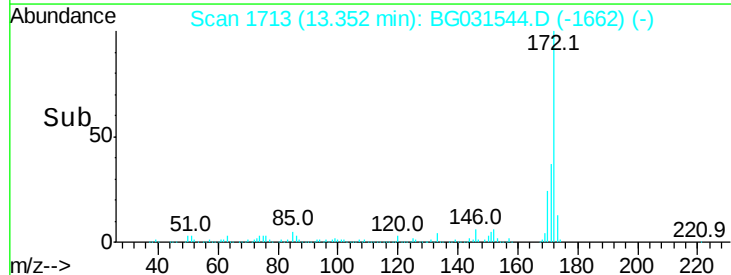
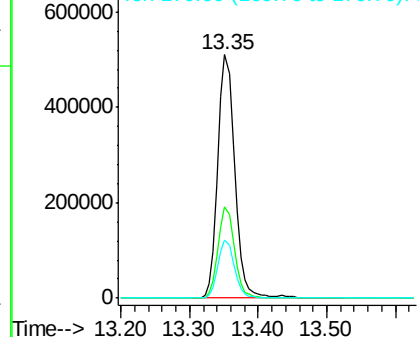


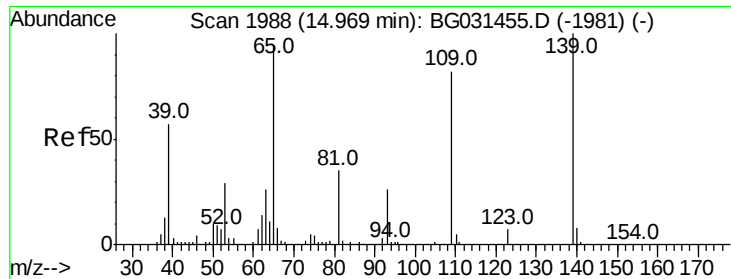
#44
 2-Fluorobiphenyl
 Concen: 96.694 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031544.D
 Acq: 14 Dec 2017 1:22

Tgt Ion:172 Resp: 879422
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.0 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

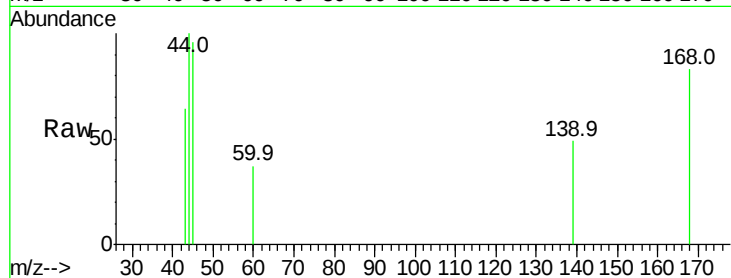




#55
4-Nitrophenol
Concen: 3.584 ng
RT: 15.17 min Scan# 2022
Delta R.T. 0.20 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

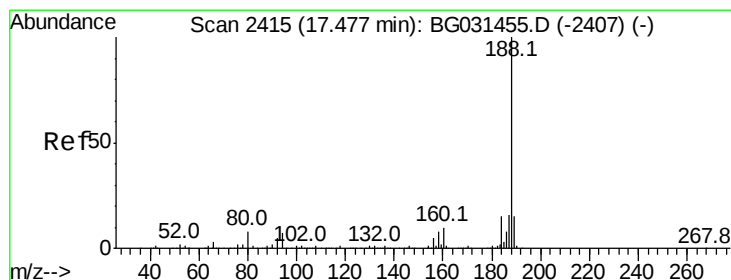
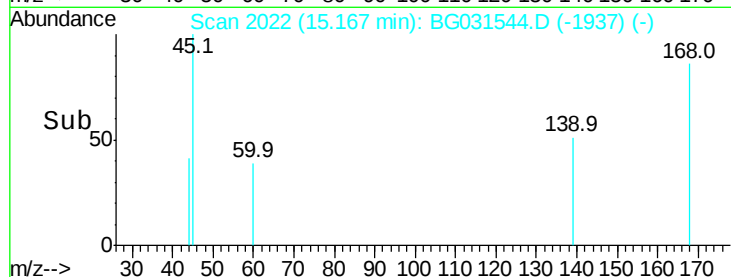
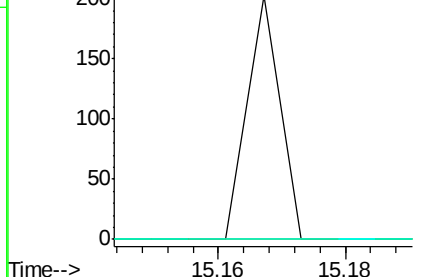
Instrument :
BNA_G
ClientSampled :

Tot Ion:139 Resp: 71
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



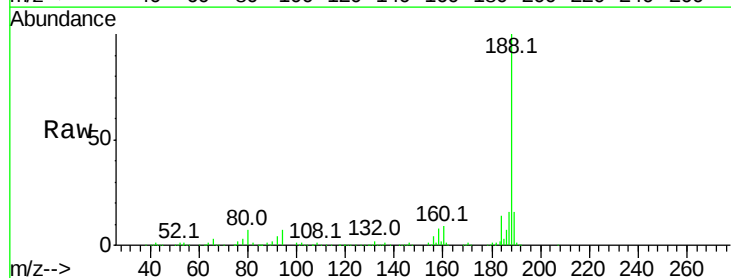
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

15.17



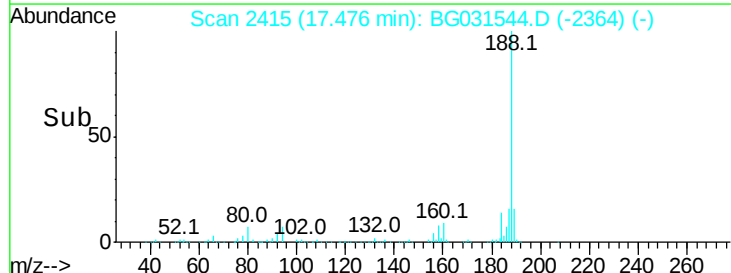
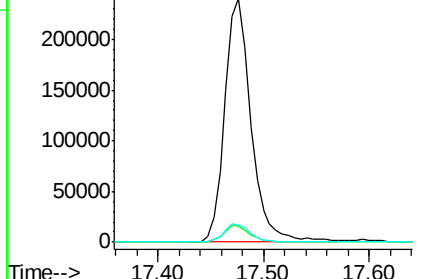
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

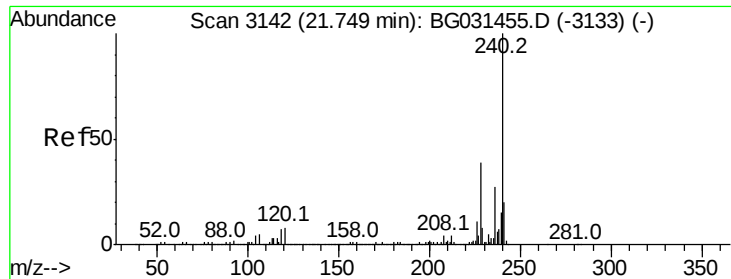
Tgt Ion:188 Resp: 415992
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.3 7.7 11.5#



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

17.48





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031544.D

Acq: 14 Dec 2017 1:22

Instrument :

BNA_G

ClientSampleId :

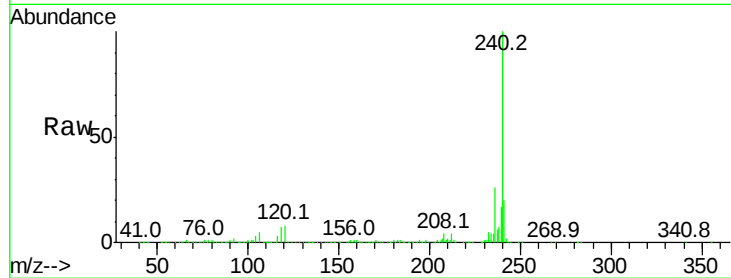
Tot Ion:240 Resp: 502191

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

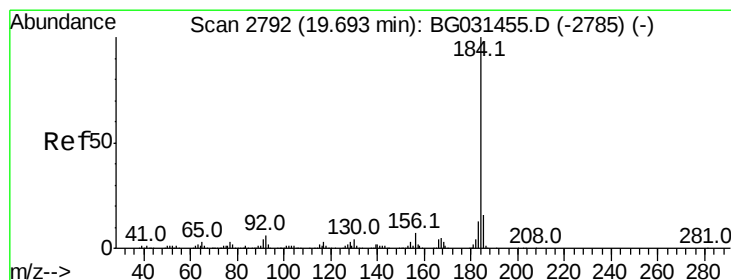
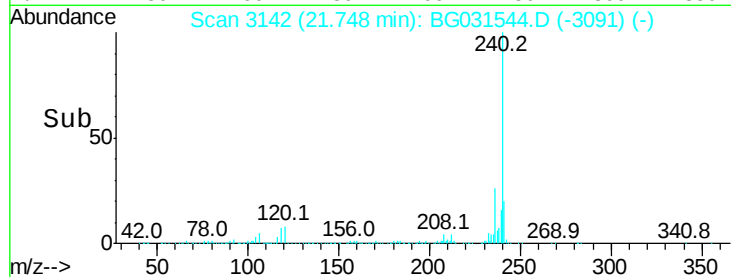
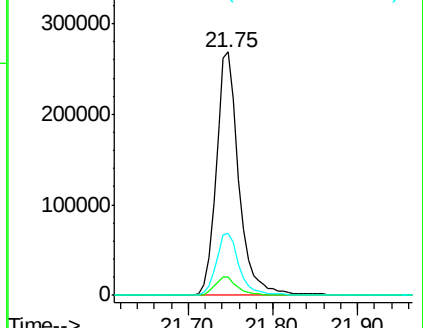
236 25.6 20.9 31.3



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



#76

Benzidine

Concen: 2.424 ng

RT: 19.70 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG031544.D

Acq: 14 Dec 2017 1:22

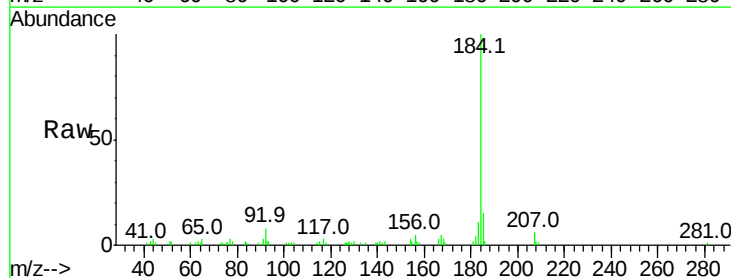
Tgt Ion:184 Resp: 28330

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

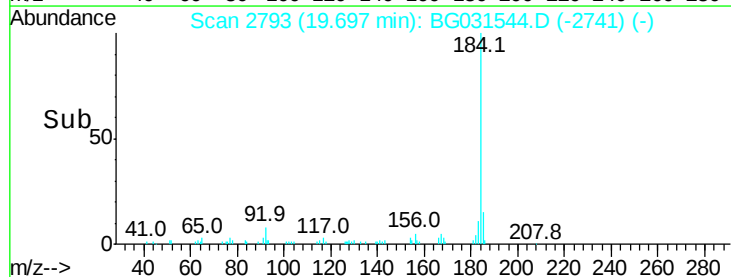
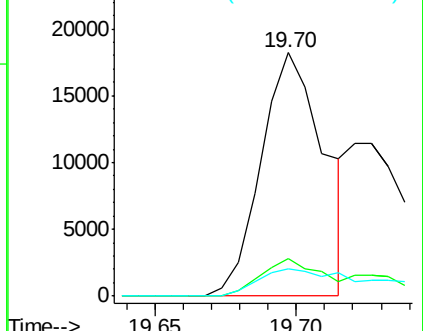
183 11.3 10.6 16.0

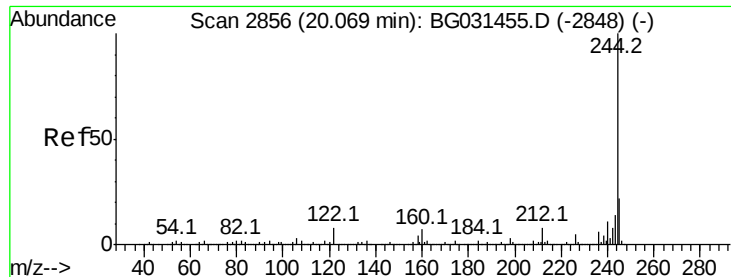


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 95.305 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031544.D

Acq: 14 Dec 2017 1:22

Instrument :

BNA_G

ClientSampleId :

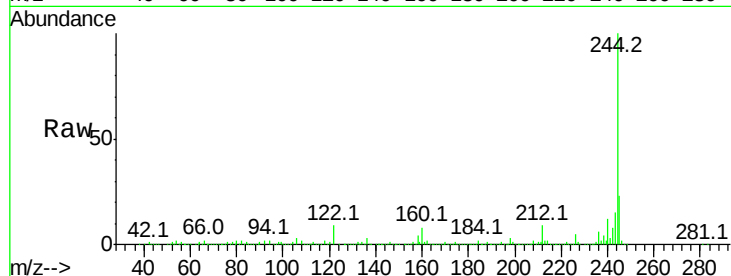
Tot Ion:244 Resp: 2103647

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	8.7	7.0	10.4

244 100

212 8.7 5.8 8.8

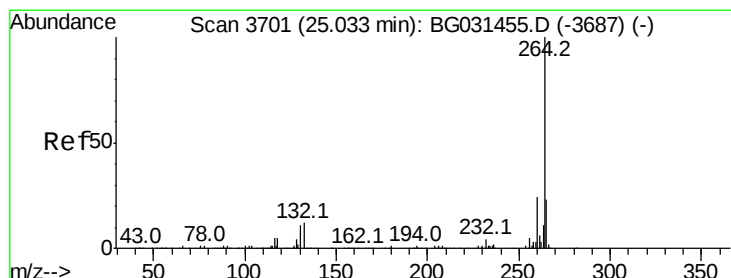
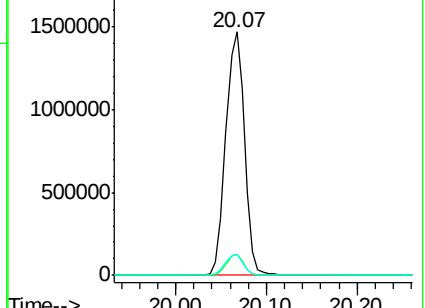
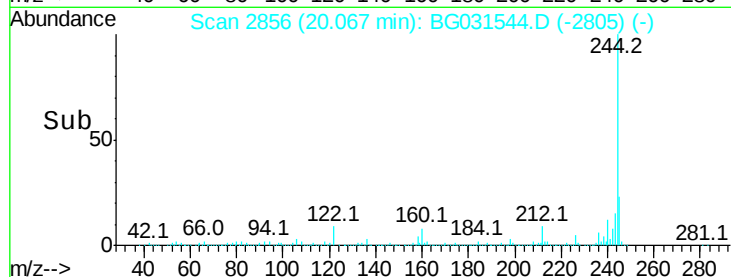
122 8.7 7.0 10.4



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: 20.000 ng

RT: 25.03 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BG031544.D

Acq: 14 Dec 2017 1:22

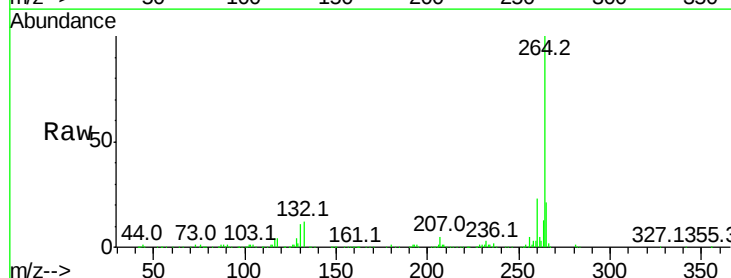
Tgt Ion:264 Resp: 458602

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.3	17.7	26.5

264 100

260 23.0 17.4 26.0

265 21.3 17.7 26.5



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

