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 Data File : BG031477.D
 Acq On : 12 Dec 2017 5:42
 Operator : SJ/JU
 Sample : I6766-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WQ-1

Quant Time: Dec 12 11:23:18 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

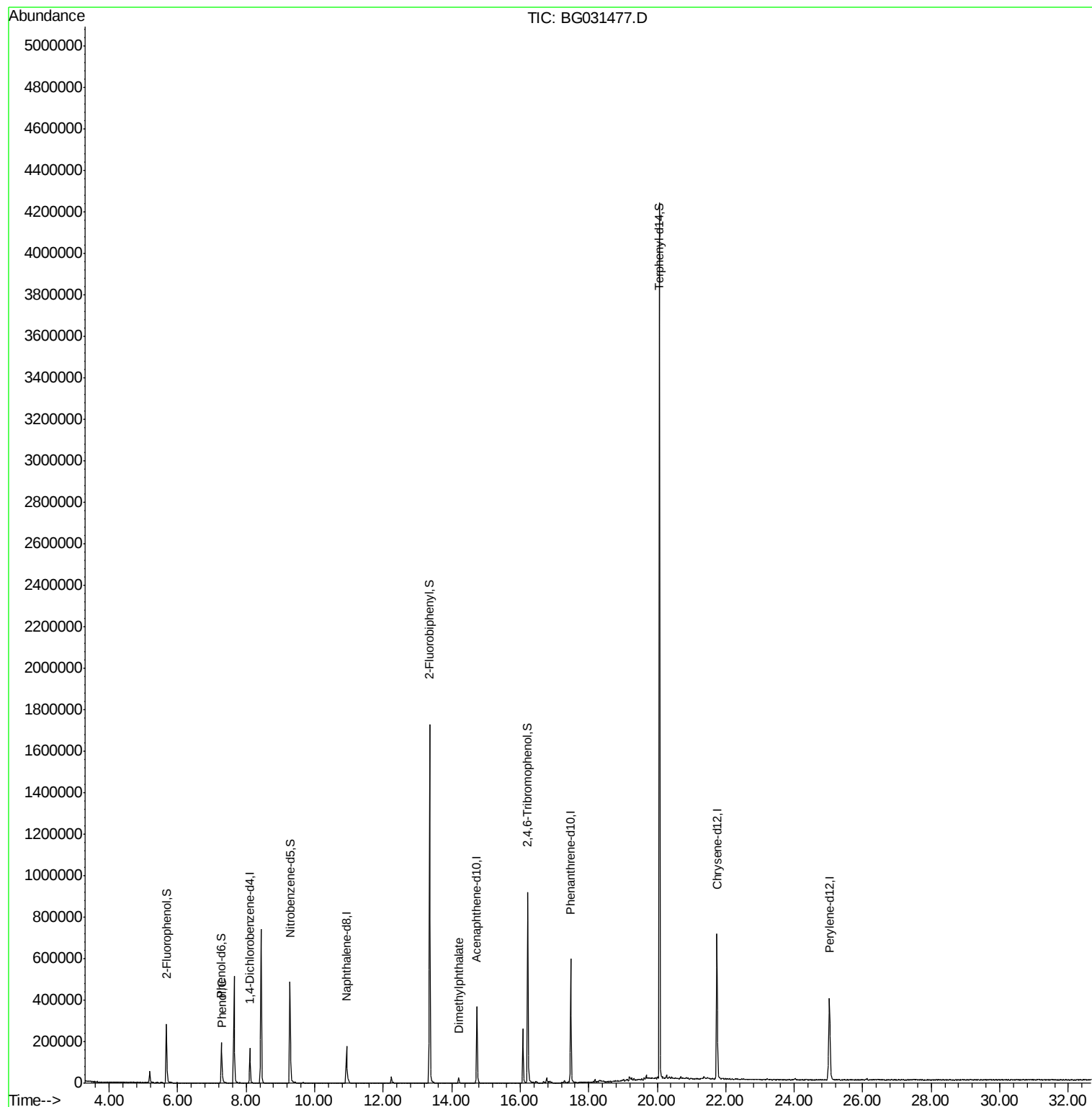
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52130	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	217542	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	147343	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	411269	20.00	ng	0.00
75) Chrysene-d12	21.74	240	491255	20.00	ng	0.00
86) Perylene-d12	25.02	264	462833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	156810	53.32	ng	0.00
7) Phenol-d6	7.27	99	140366	34.38	ng	0.00
23) Nitrobenzene-d5	9.28	82	343855	97.43	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	191376	110.87	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1012276	100.85	ng	0.00
78) Terphenyl-d14	20.07	244	1858288	86.06	ng	0.00
Target Compounds						
10) Phenol	7.31	94	9293	2.216	ng	91
49) Dimethylphthalate	14.20	163	26183	2.146	ng	99

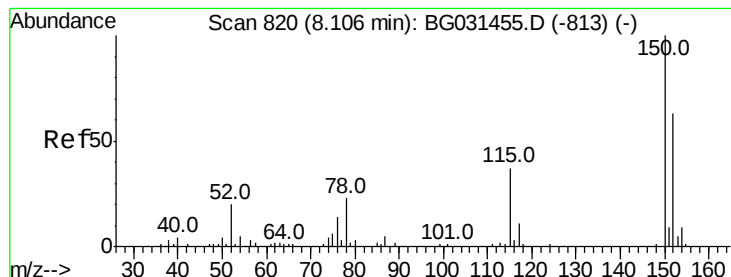
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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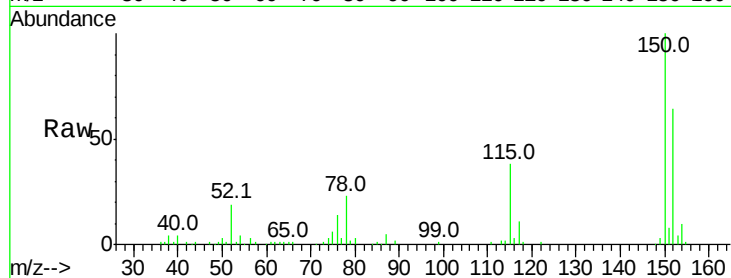


#1

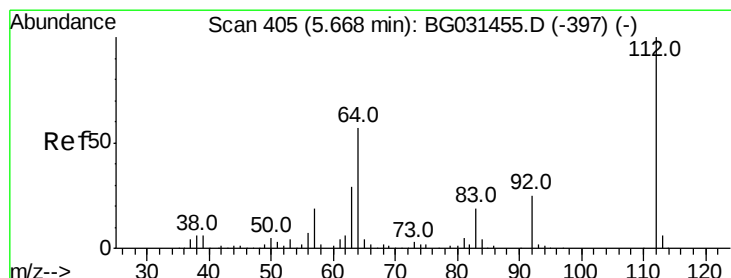
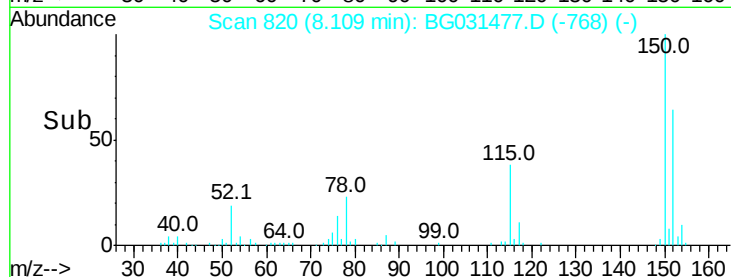
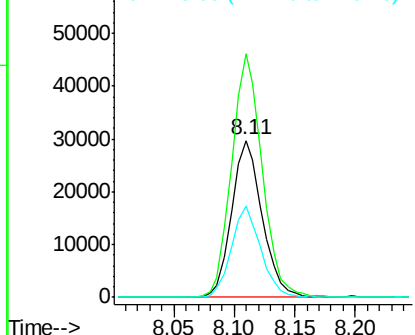
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG031477.D
 Acq: 12 Dec 2017 5:42

Instrument :
 BNA_G
 ClientSampleId :
 WQ-1

Tot Ion:152 Resp: 52130
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.6 189.8
 115 58.4 53.0 79.4



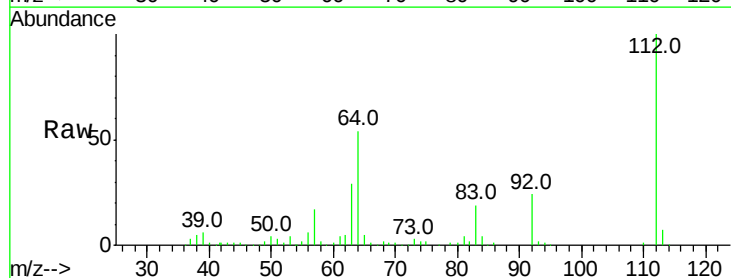
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



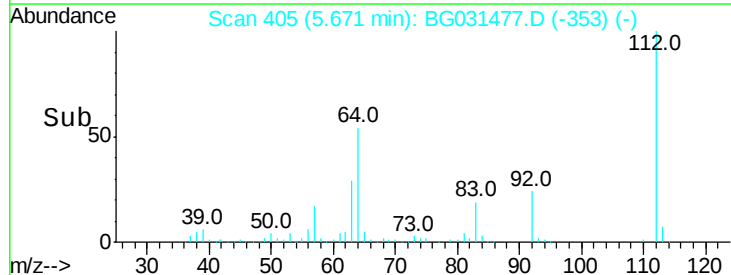
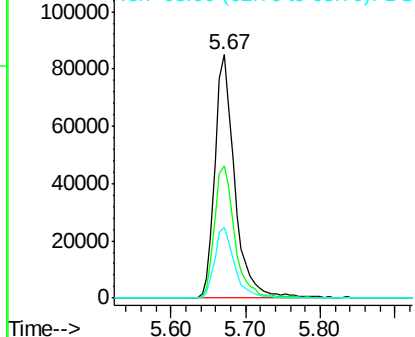
#5

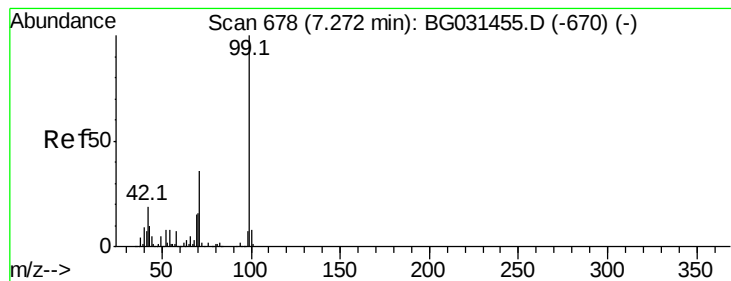
2-Fluorophenol
 Concen: 53.318 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031477.D
 Acq: 12 Dec 2017 5:42

Tgt Ion:112 Resp: 156810
 Ion Ratio Lower Upper
 112 100
 64 54.4 56.3 84.5#
 63 29.2 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: 34.380 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG031477.D

Acq: 12 Dec 2017 5:42

Instrument :

BNA_G

ClientSampleId :

WQ-1

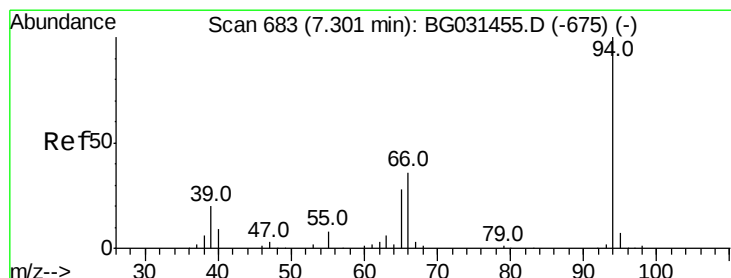
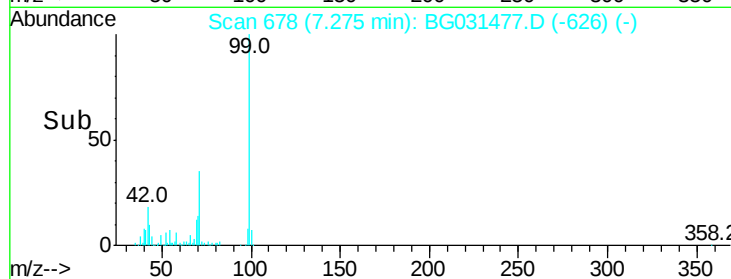
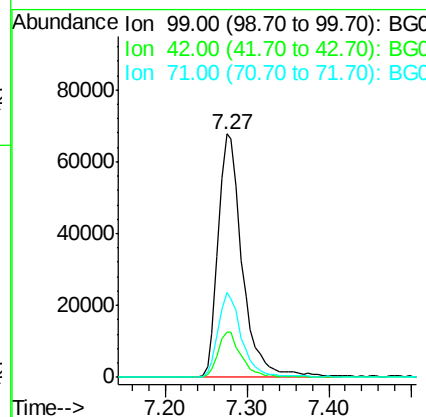
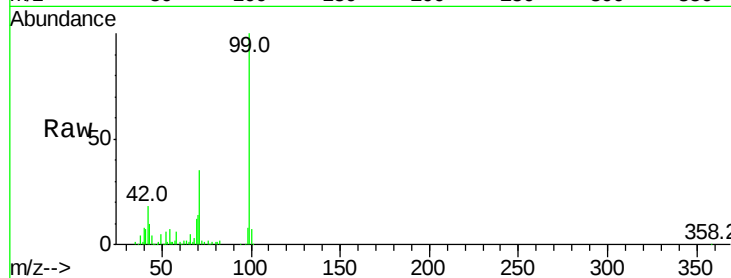
Tot Ion: 99 Resp: 140366

Ion Ratio Lower Upper

99 100

42 18.4 14.1 21.1

71 35.1 26.1 39.1



#10

Phenol

Concen: 2.216 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031477.D

Acq: 12 Dec 2017 5:42

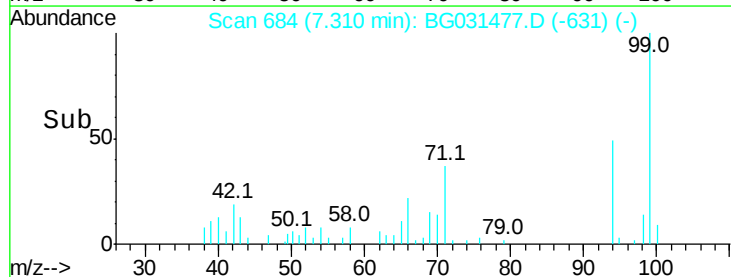
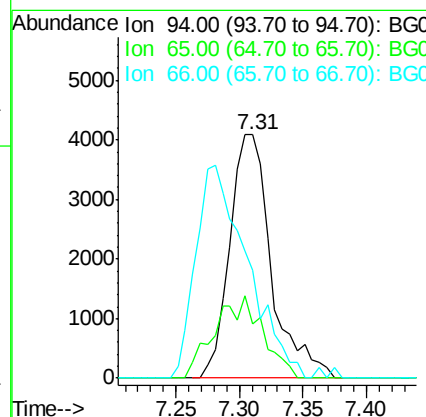
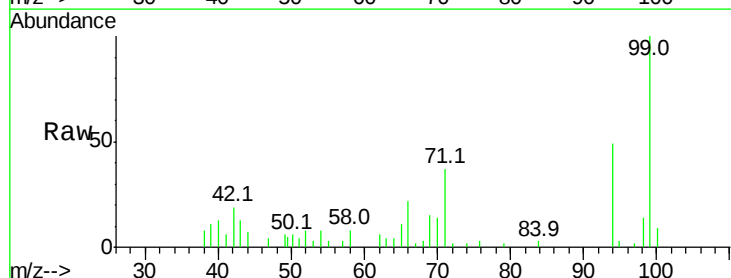
Tgt Ion: 94 Resp: 9293

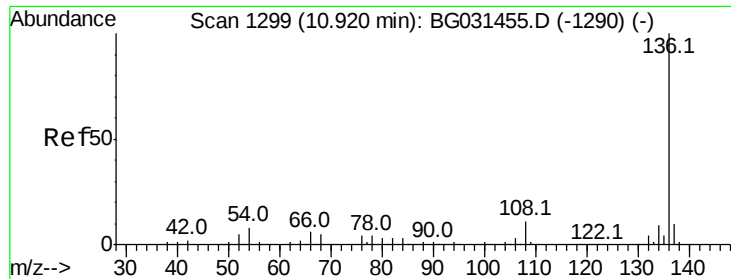
Ion Ratio Lower Upper

94 100

65 22.0 11.9 51.9

66 44.2 22.2 62.2

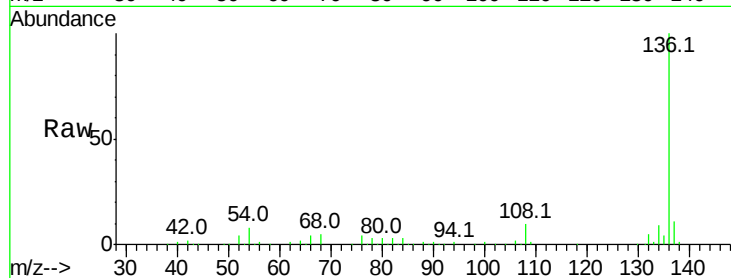




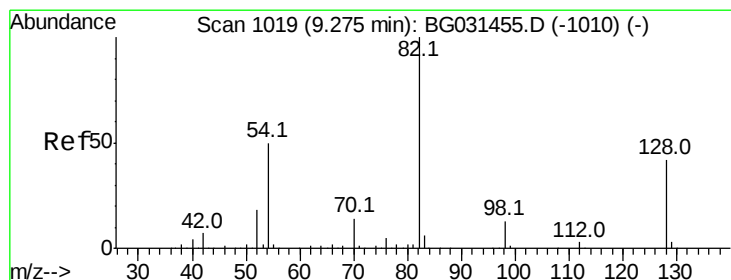
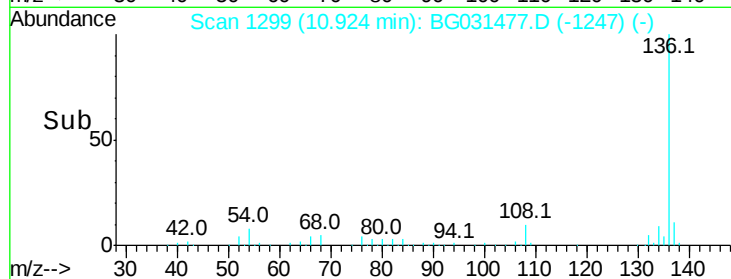
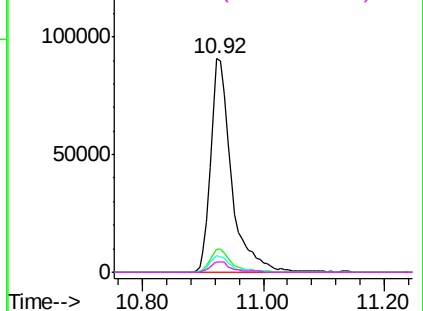
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG031477.D
Acq: 12 Dec 2017 5:42

Instrument :
BNA_G
ClientSampleId :
WQ-1

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	10.3	15.5#
68	4.7	4.5	6.7

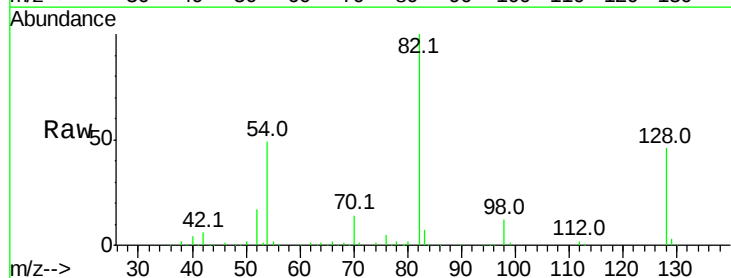


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

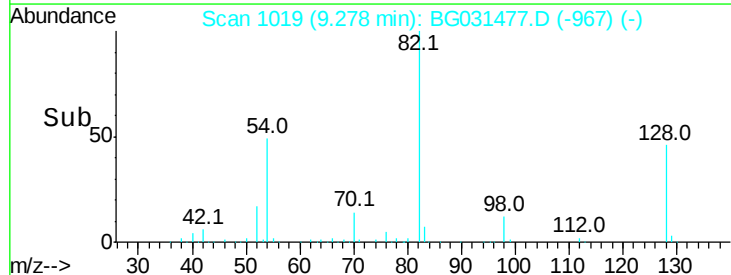
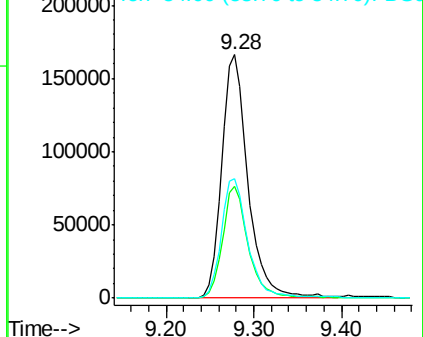


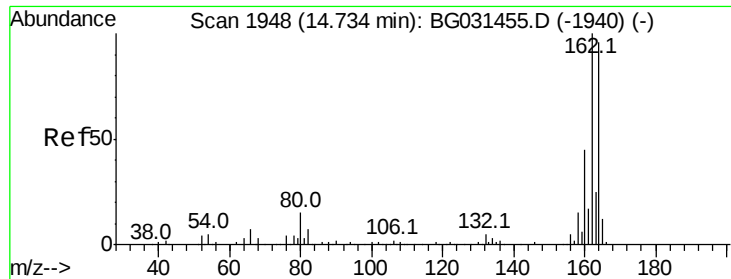
#23
Nitrobenzene-d5
Concen: 97.425 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031477.D
Acq: 12 Dec 2017 5:42

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	49.2	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

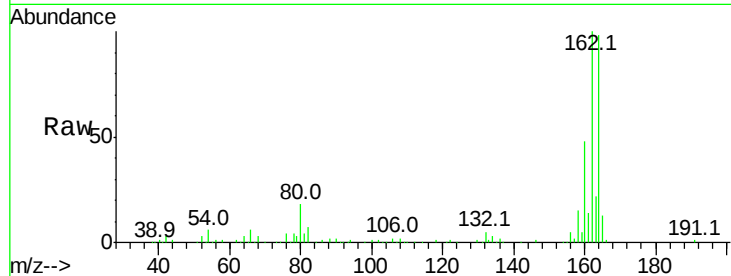




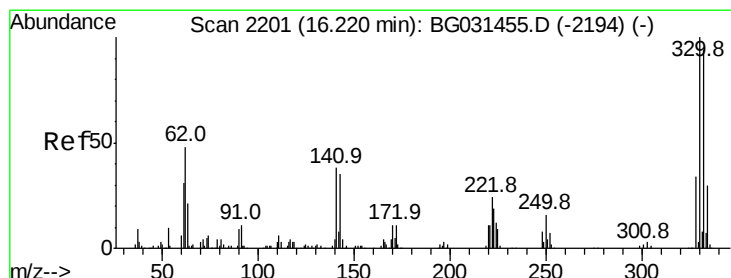
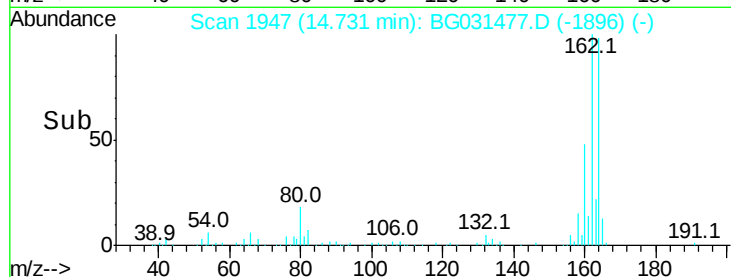
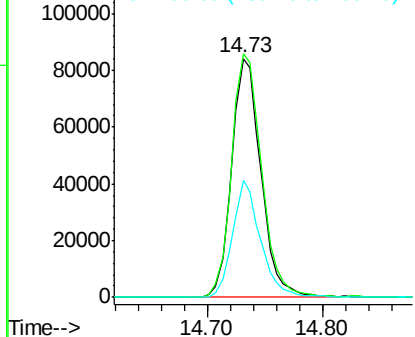
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG031477.D
Acq: 12 Dec 2017 5:42

Instrument :
BNA_G
ClientSampleId :
WQ-1

Tot Ion:164 Resp: 147343
Ion Ratio Lower Upper
164 100
162 102.0 78.8 118.2
160 48.8 35.4 53.0

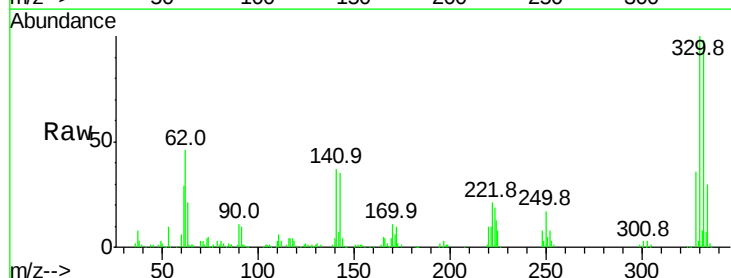


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

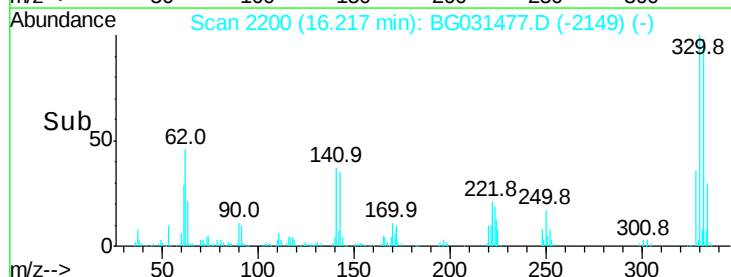
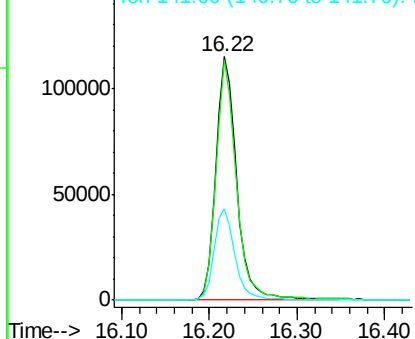


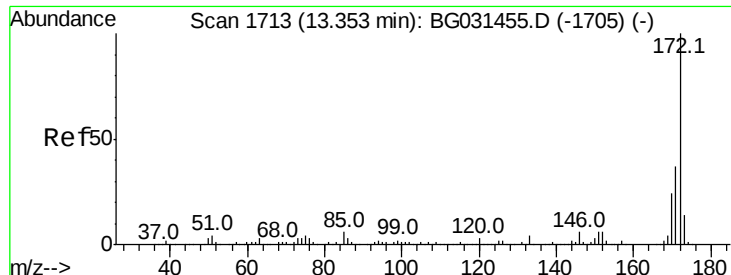
#41
2,4,6-Tribromophenol
Concen: 110.866 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG031477.D
Acq: 12 Dec 2017 5:42

Tgt Ion:330 Resp: 191376
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 37.2 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



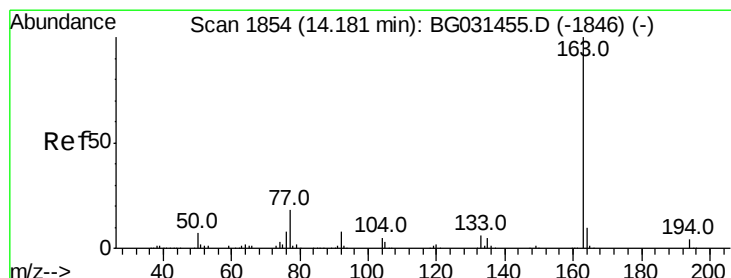
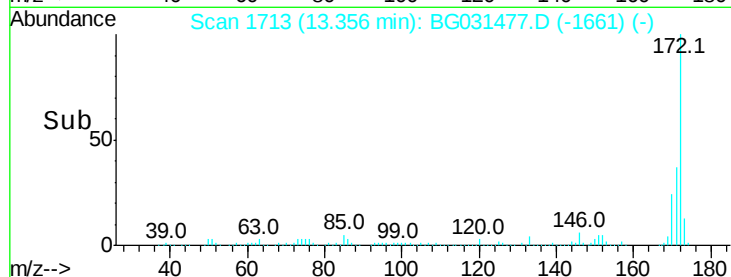
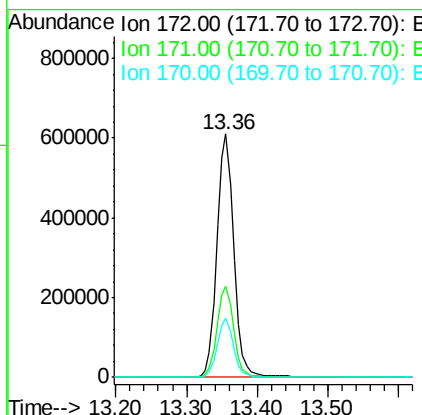
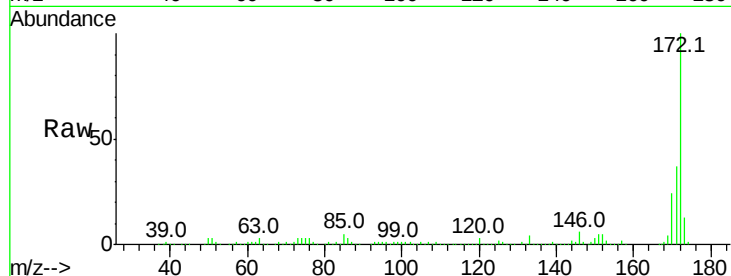


#44
 2-Fluorobiphenyl
 Concen: 100.846 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031477.D
 Acq: 12 Dec 2017 5:42

Instrument :
 BNA_G
 ClientSampleId :
 WQ-1

Tot Ion:172 Resp: 1012276

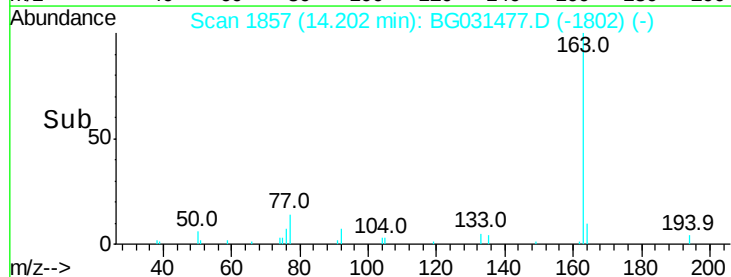
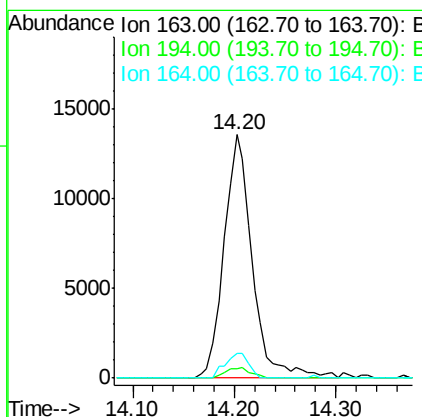
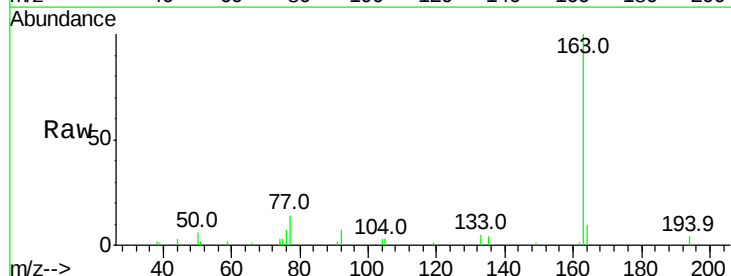
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.1	19.5	29.3

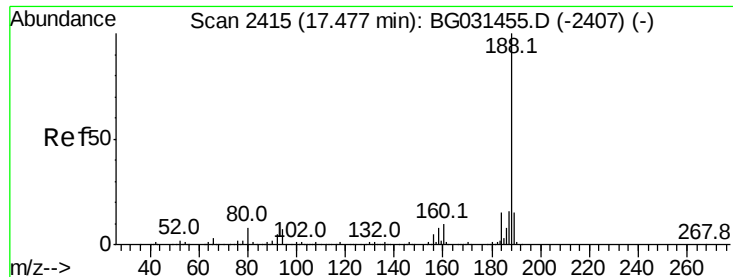


#49
 Dimethylphthalate
 Concen: 2.146 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. 0.02 min
 Lab File: BG031477.D
 Acq: 12 Dec 2017 5:42

Tgt Ion:163 Resp: 26183

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.9	8.2	12.4

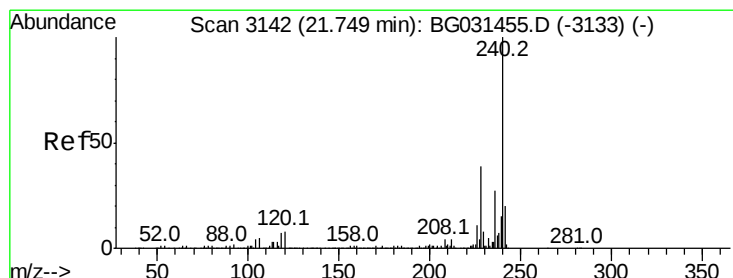
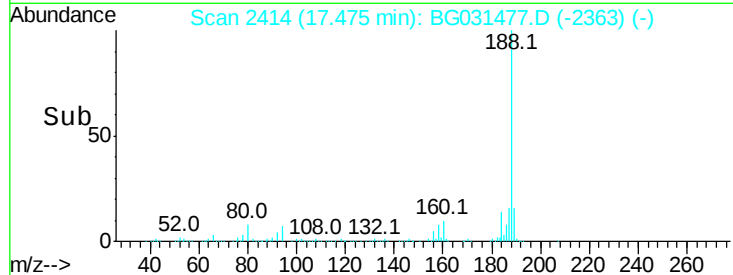
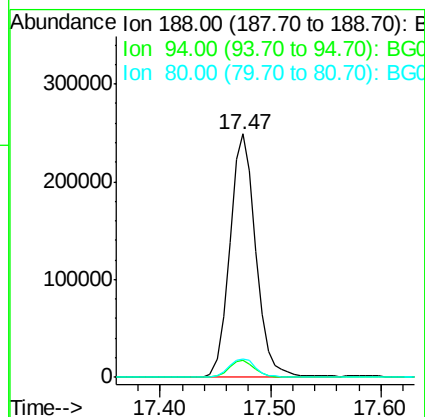
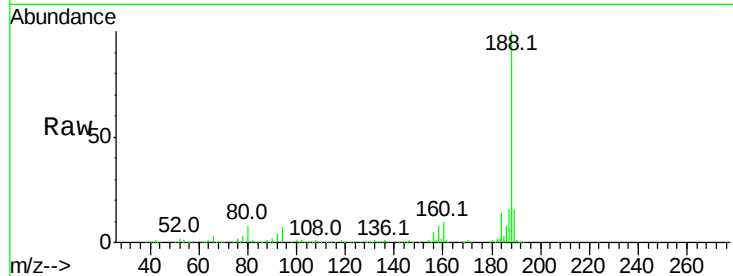




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG031477.D
Acq: 12 Dec 2017 5:42

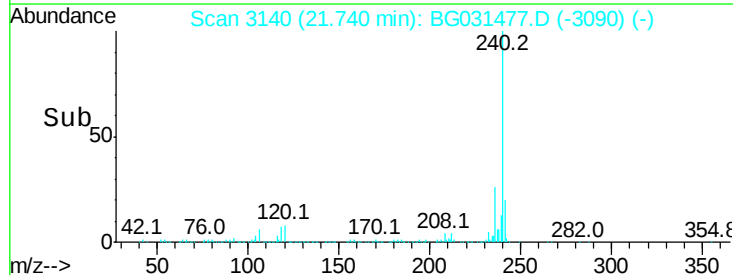
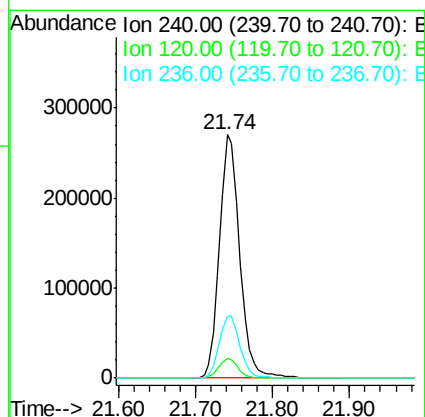
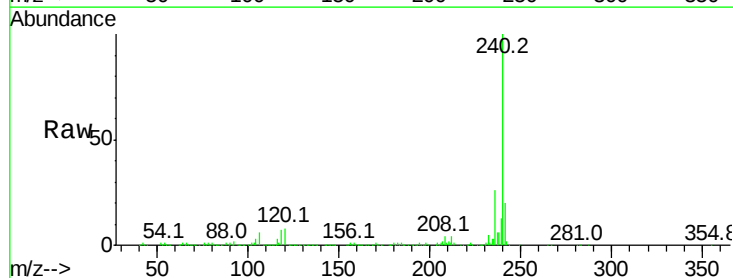
Instrument :
BNA_G
ClientSampleId :
WQ-1

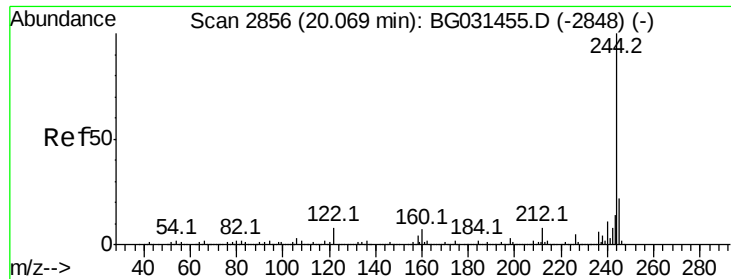
Tot Ion:188 Resp: 411269
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031477.D
Acq: 12 Dec 2017 5:42

Tgt Ion:240 Resp: 491255
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 86.063 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031477.D

Acq: 12 Dec 2017 5:42

Instrument :

BNA_G

ClientSampleId :

WQ-1

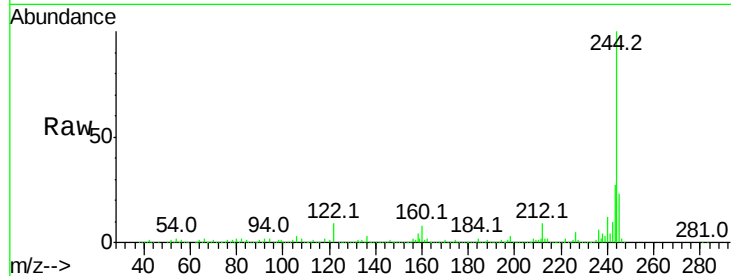
Tot Ion:244 Resp: 1858288

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

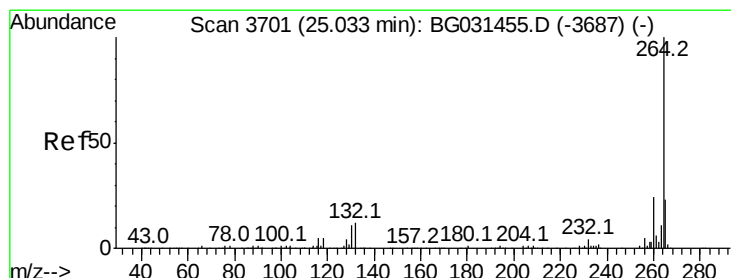
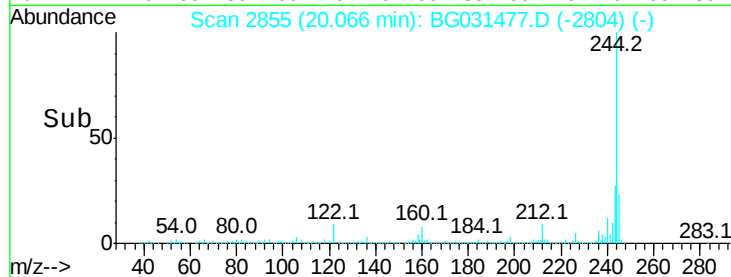
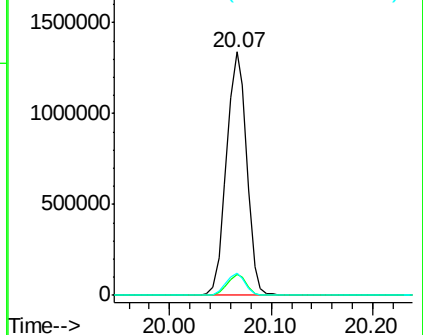
122 9.1 7.0 10.4



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: 25.02 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG031477.D

Acq: 12 Dec 2017 5:42

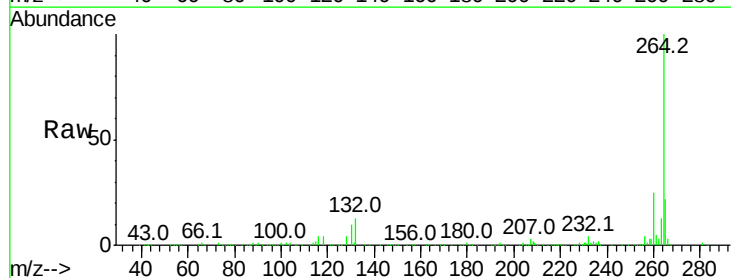
Tgt Ion:264 Resp: 462833

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 22.3 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

