

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038956.D
 Acq On : 5 Jan 2019 9:32
 Operator : JU/SJ
 Sample : K1036-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 13-I

Quant Time: Jan 06 23:08:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

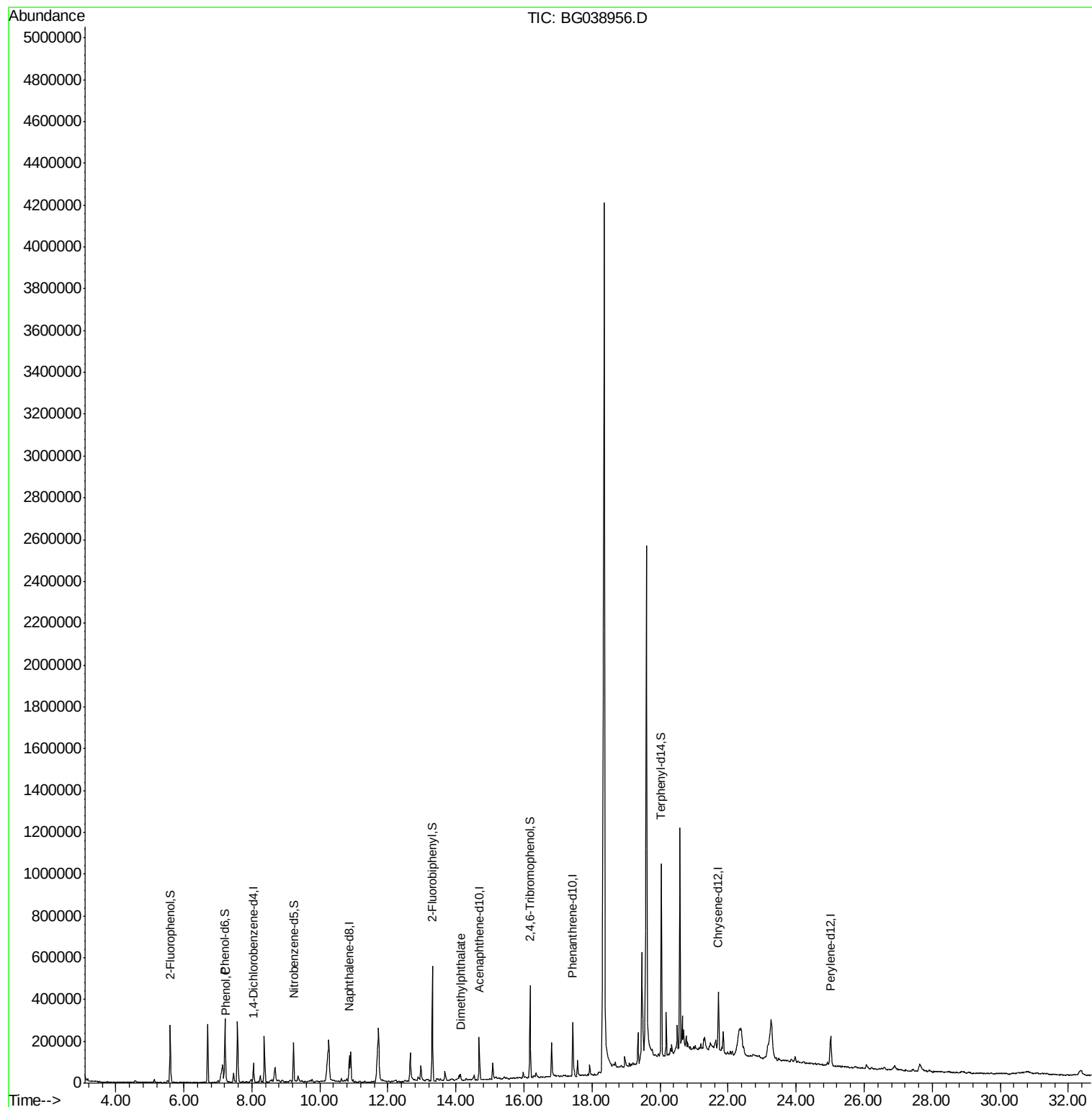
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	26979	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	120809	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	73638	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	168194	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	163962	20.00	ng	-0.01
87) Perylene-d12	25.01	264	175007	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	122845	80.76	ng	0.00
7) Phenol-d6	7.21	99	169277	81.06	ng	0.00
23) Nitrobenzene-d5	9.22	82	107358	45.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	92491	91.14	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	292625	54.51	ng	-0.02
79) Terphenyl-d14	20.04	244	463446	61.52	ng	0.00
Target Compounds						
10) Phenol	7.23	94	7655	3.451	ng	92
50) Dimethylphthalate	14.13	163	17609	2.928	ng	99

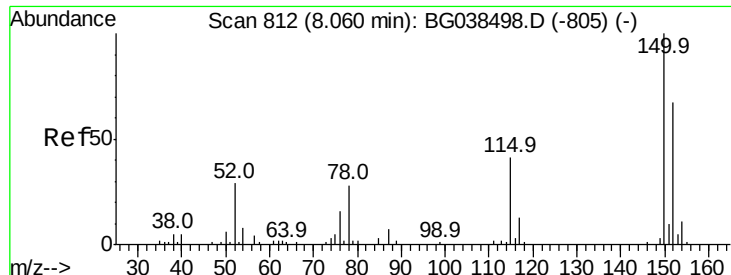
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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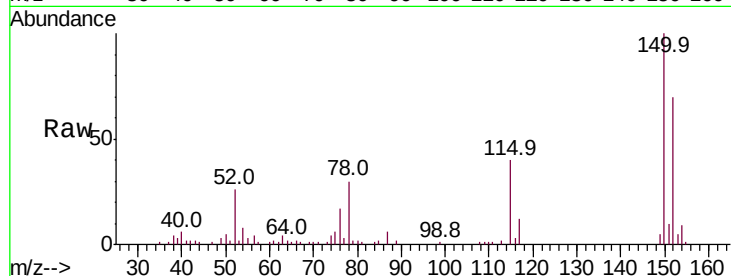


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :
13-I

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.2	119.5	179.3
115	57.3	49.6	74.4

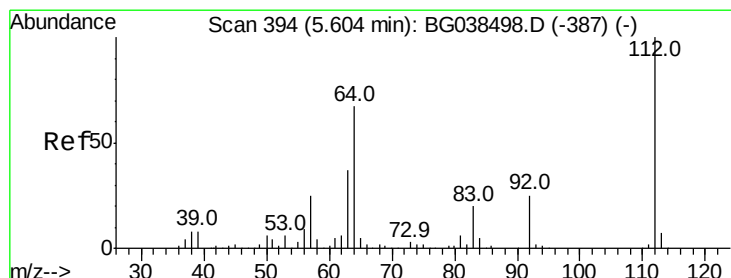
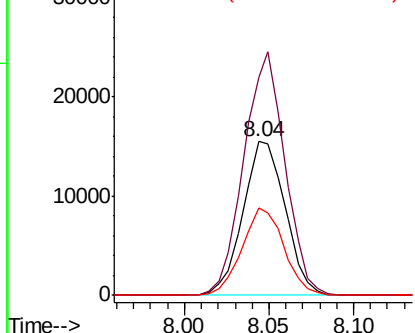
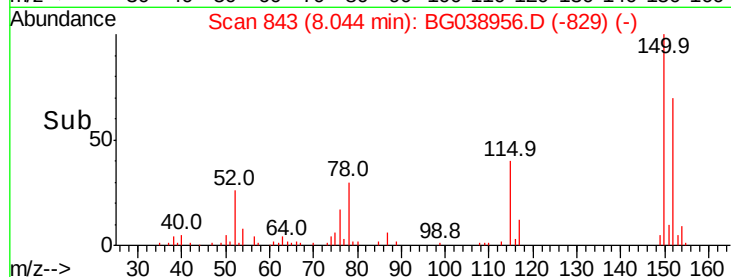


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

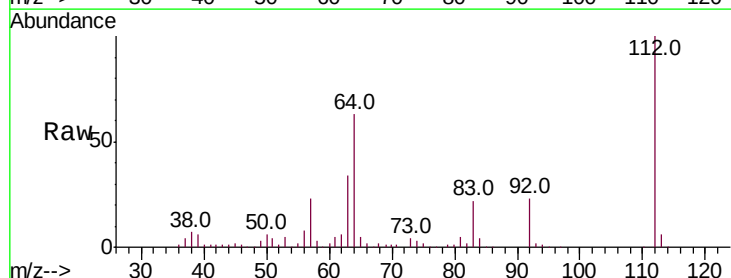
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.761 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	53.4	80.2
63	34.2	29.3	43.9

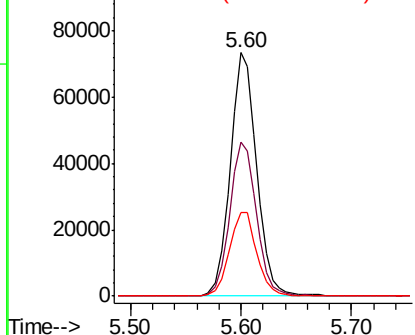
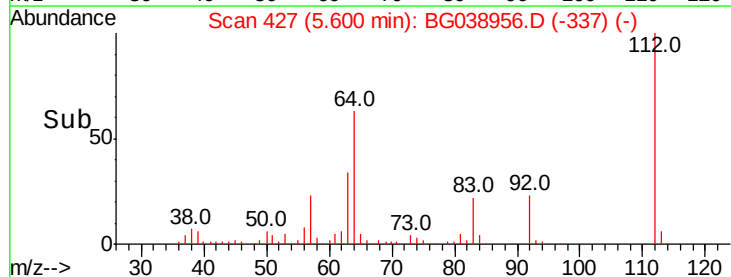


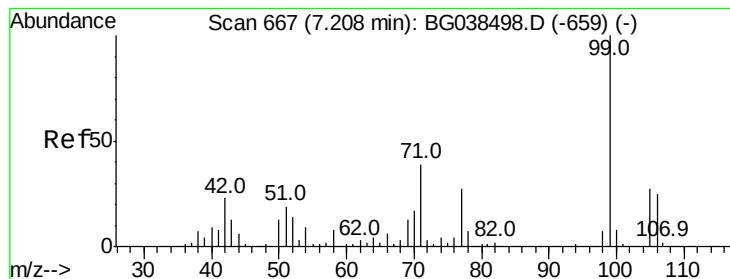
Abundance

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: 81.065 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038956.D

Acq: 5 Jan 2019 9:32

Instrument :

BNA_G

ClientSampleId :

13-I

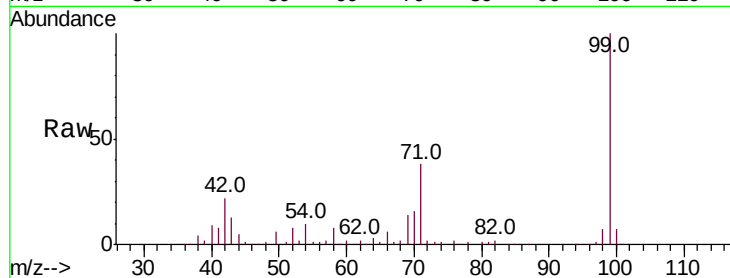
Tot Ion: 99 Resp: 169277

Ion Ratio Lower Upper

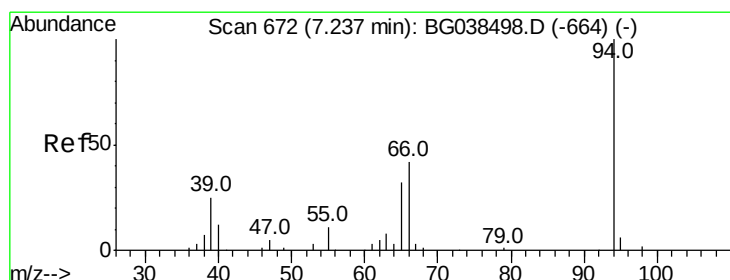
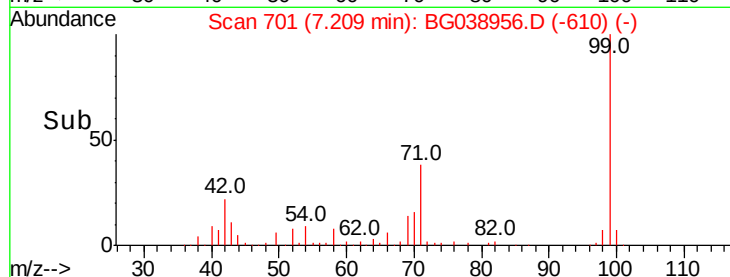
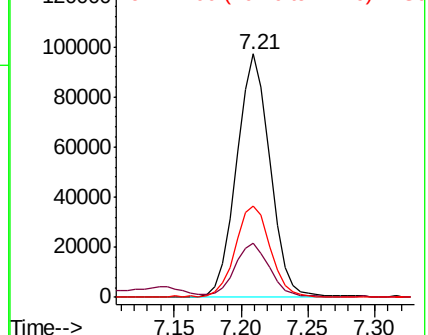
99 100

42 22.2 18.5 27.7

71 37.6 31.1 46.7



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: 3.451 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038956.D

Acq: 5 Jan 2019 9:32

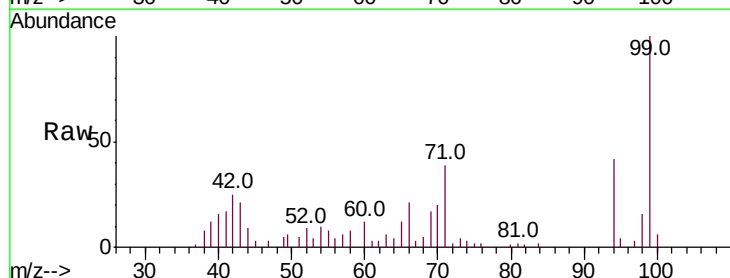
Tgt Ion: 94 Resp: 7655

Ion Ratio Lower Upper

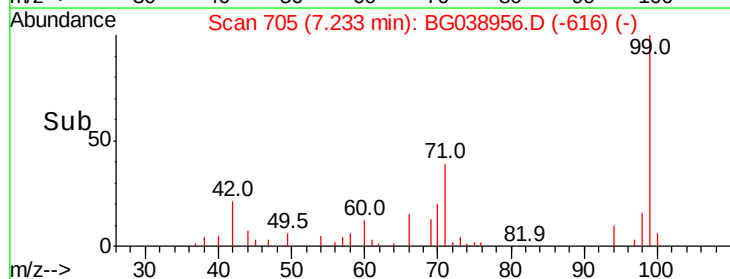
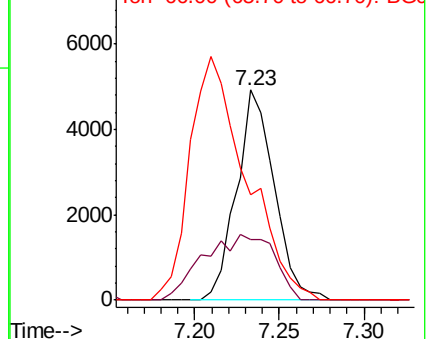
94 100

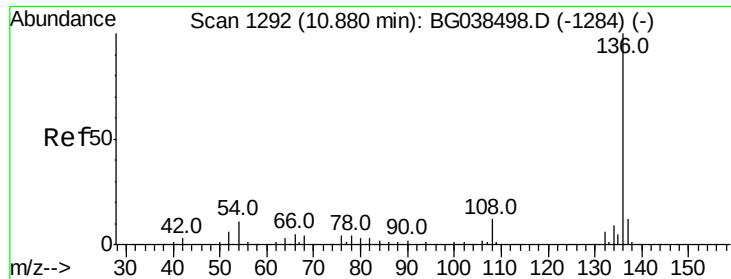
65 28.7 12.6 52.6

66 50.1 24.1 64.1



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

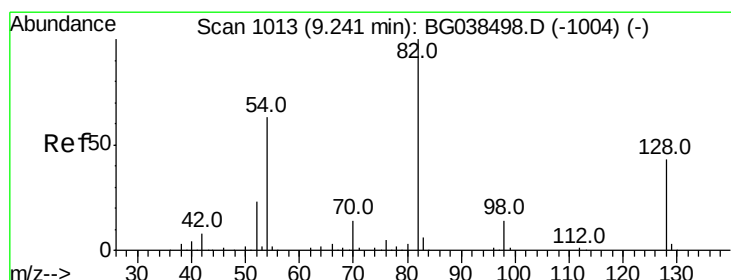
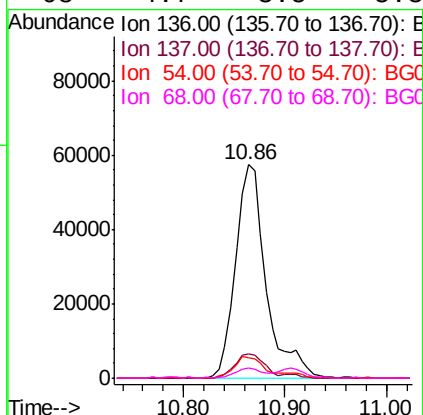
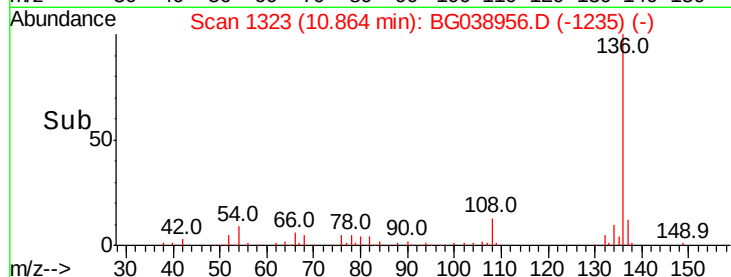
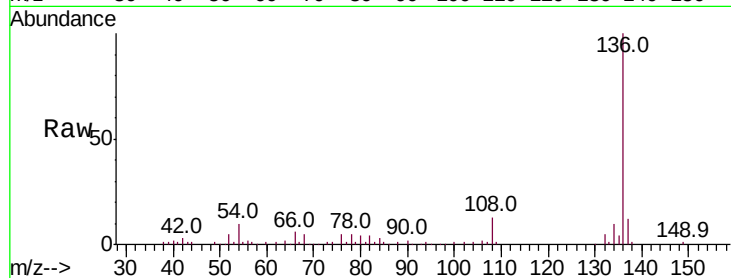




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

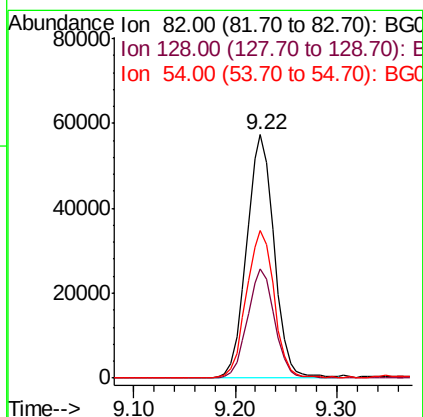
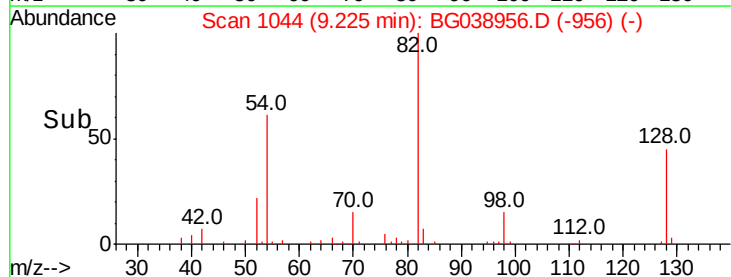
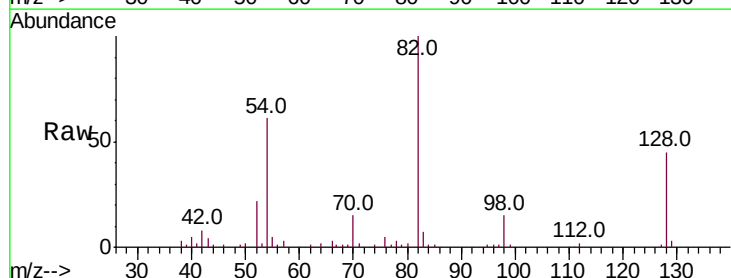
Instrument :
BNA_G
ClientSampleId :
13-I

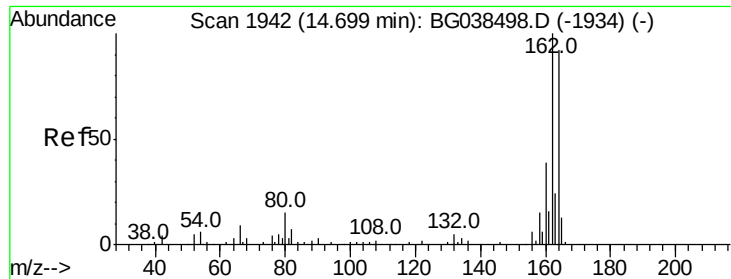
Tot Ion:136	Resp:	120809
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.3 13.9
54	9.5	8.5 12.7
68	4.7	3.5 5.3



#23
Nitrobenzene-d5
Concen: 45.399 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion: 82	Resp:	107358
Ion	Ratio	Lower Upper
82	100	
128	45.0	34.6 52.0
54	60.8	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038956.D

Acq: 5 Jan 2019 9:32

Instrument :

BNA_G

ClientSampleId :

13-I

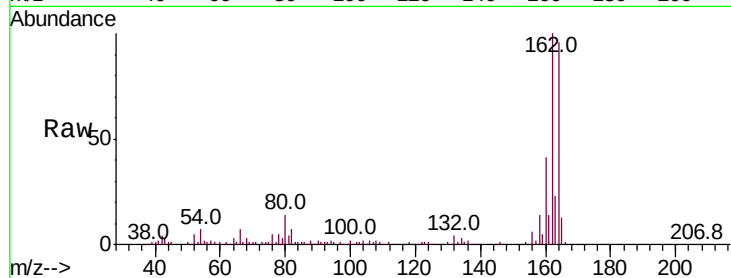
Tot Ion:164 Resp: 73638

Ion Ratio Lower Upper

164 100

162 104.4 86.6 130.0

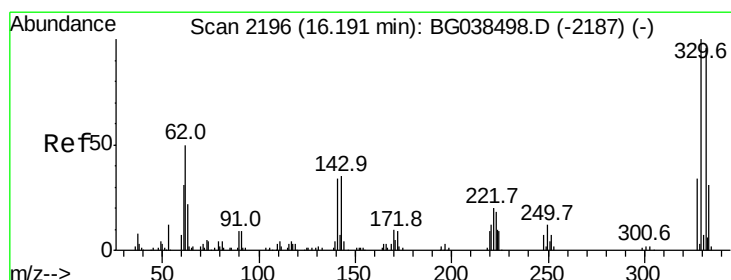
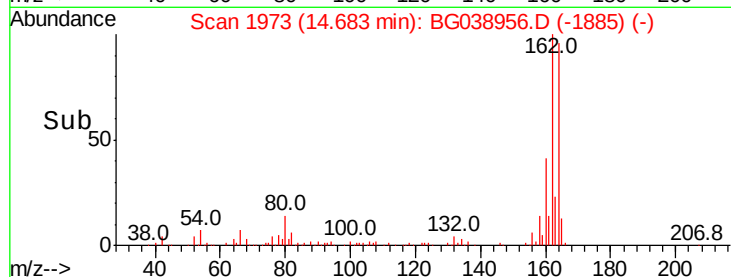
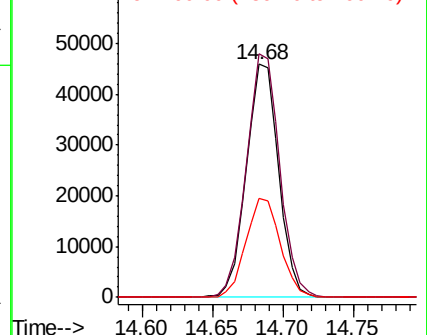
160 42.6 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 91.136 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038956.D

Acq: 5 Jan 2019 9:32

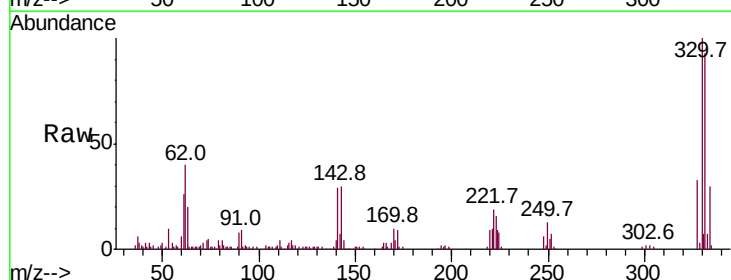
Tgt Ion:330 Resp: 92491

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

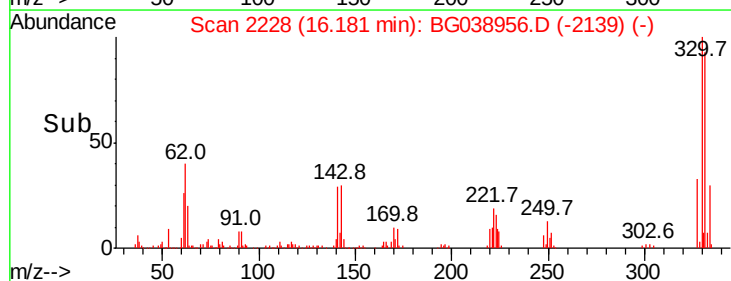
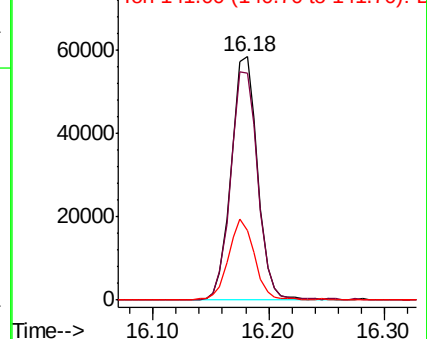
141 33.0 28.8 43.2

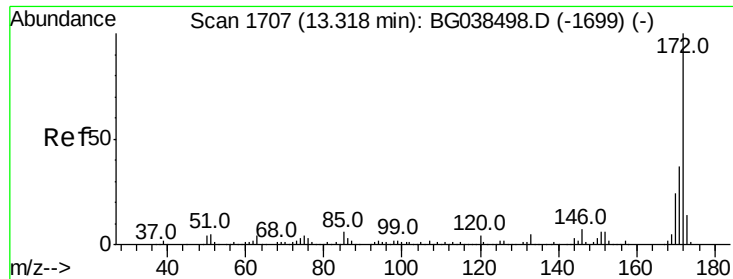


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

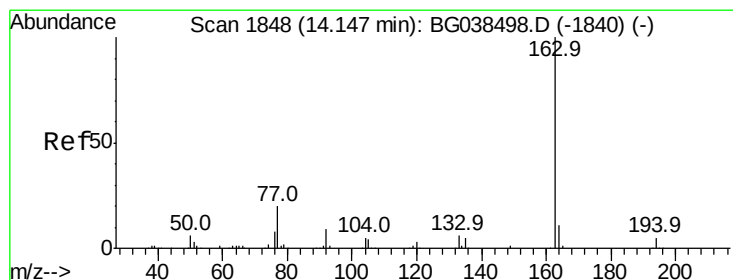
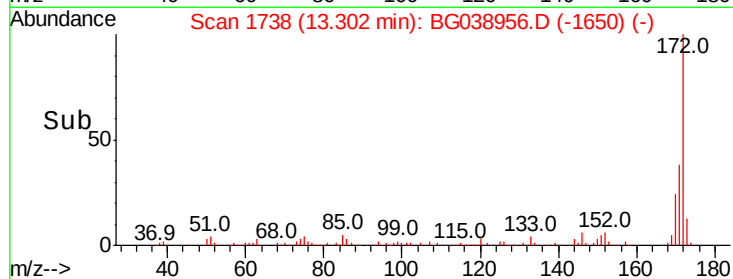
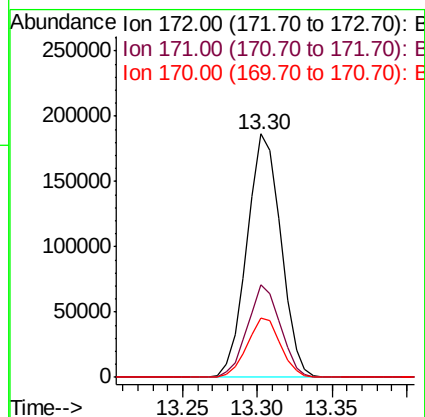
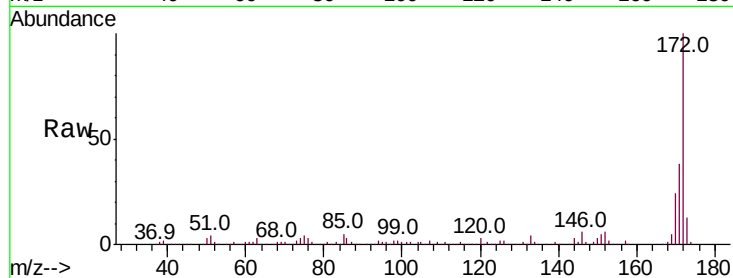




#45
2-Fluorobiphenyl
Concen: 54.515 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

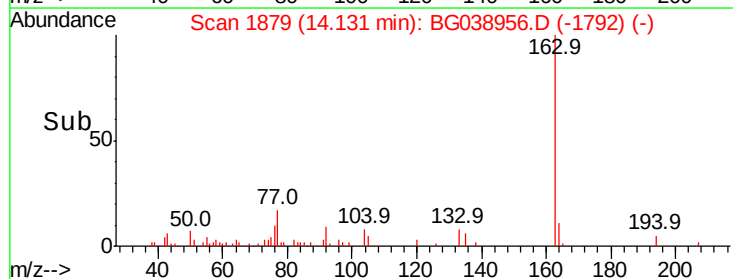
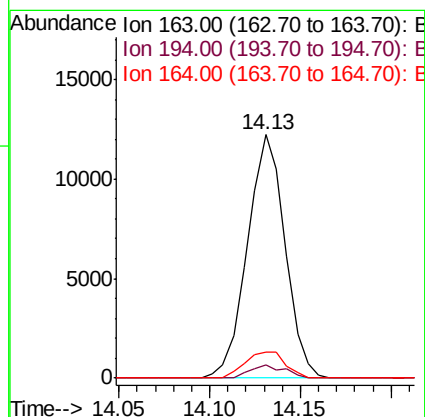
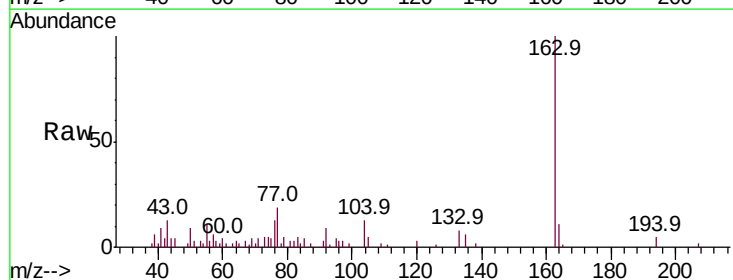
Instrument :
BNA_G
ClientSampled :
13-I

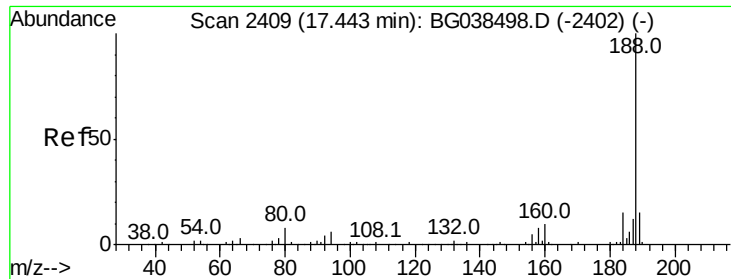
Tot Ion:172 Resp: 292625
Ion Ratio Lower Upper
172 100
171 37.8 29.8 44.6
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 2.928 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion:163 Resp: 17609
Ion Ratio Lower Upper
163 100
194 5.2 3.7 5.5
164 10.7 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038956.D

Acq: 5 Jan 2019 9:32

Instrument :

BNA_G

ClientSampleId :

13-I

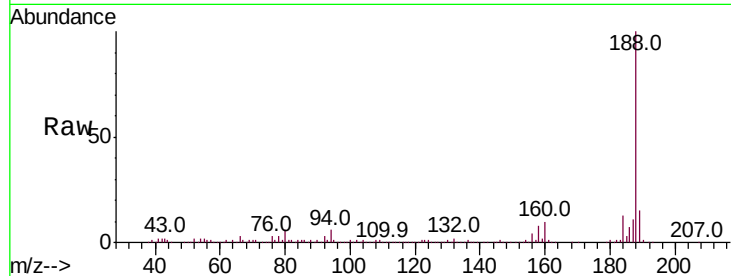
Tot Ion:188 Resp: 168194

Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

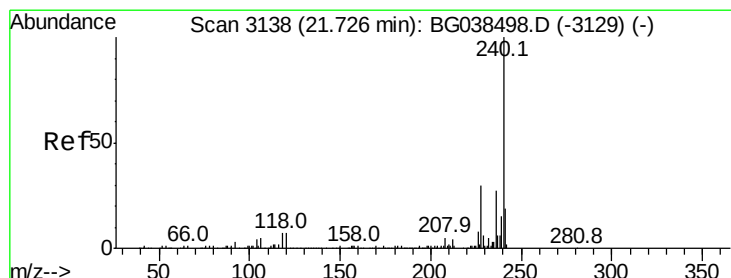
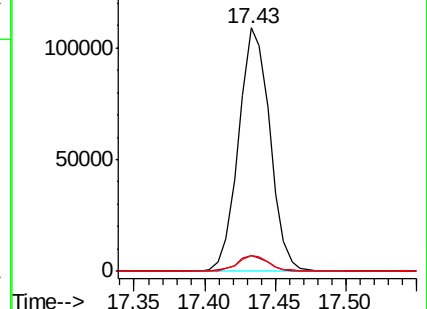
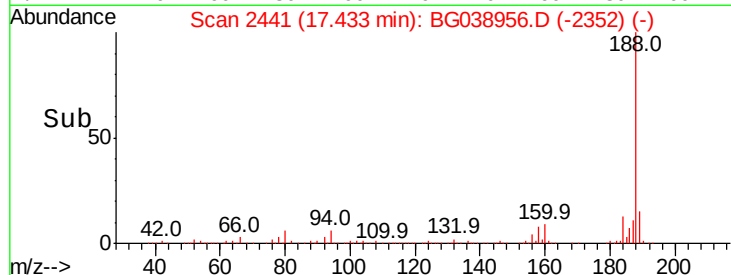
80 6.4 6.1 9.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038956.D

Acq: 5 Jan 2019 9:32

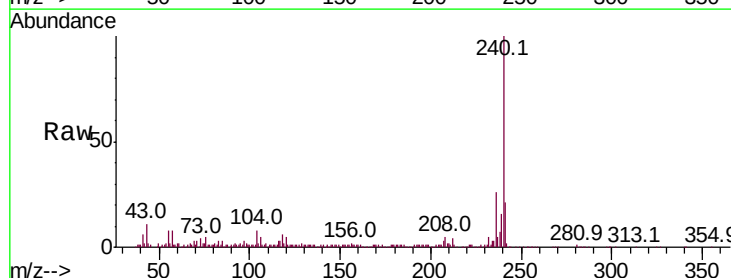
Tgt Ion:240 Resp: 163962

Ion Ratio Lower Upper

240 100

120 5.4 5.3 7.9

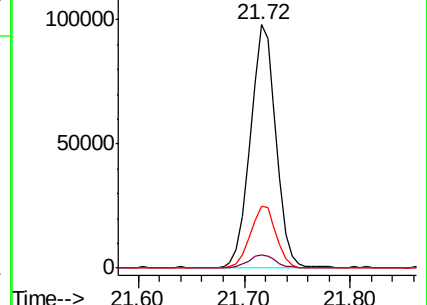
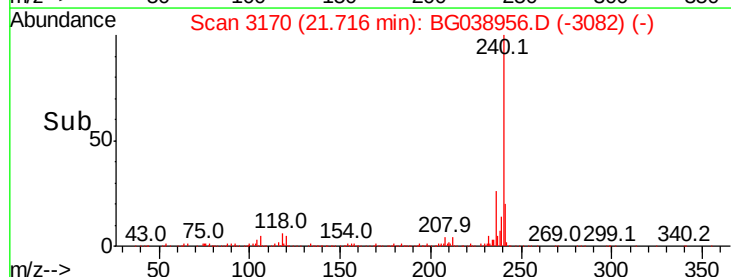
236 25.5 21.4 32.2

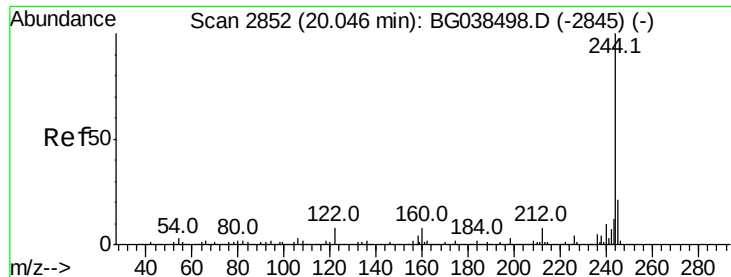


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.515 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038956.D

Acq: 5 Jan 2019 9:32

Instrument :

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ClientSampleId :

13-I

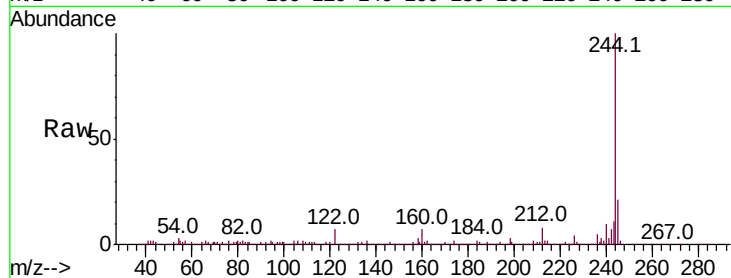
Tot Ion:244 Resp: 463446

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

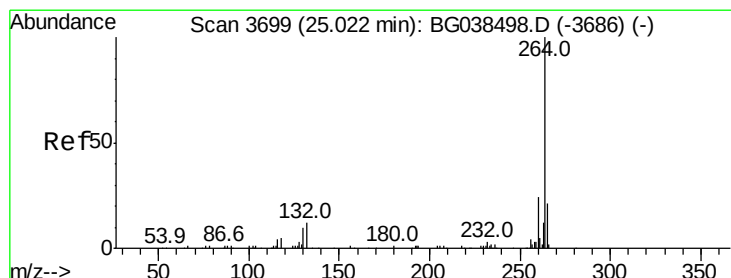
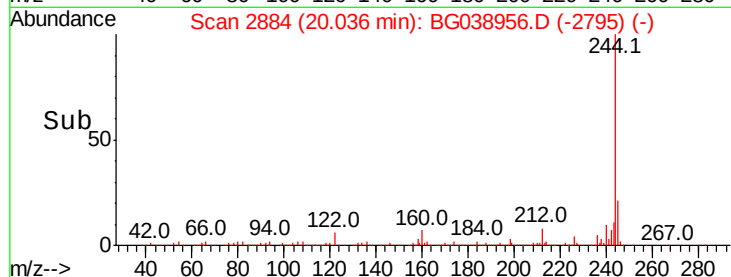
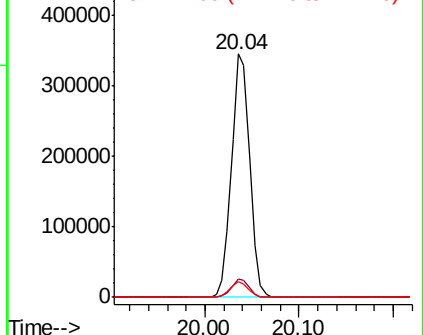
122 6.6 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038956.D

Acq: 5 Jan 2019 9:32

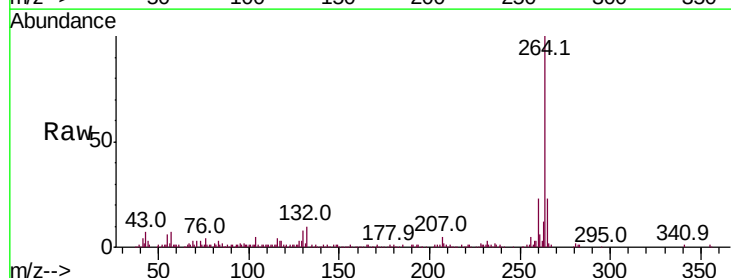
Tgt Ion:264 Resp: 175007

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 22.5 17.0 25.4



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

