

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037279.D
 Acq On : 12 Oct 2018 6:28
 Operator : JU/SJ
 Sample : J5302-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-3

Quant Time: Oct 12 07:38:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

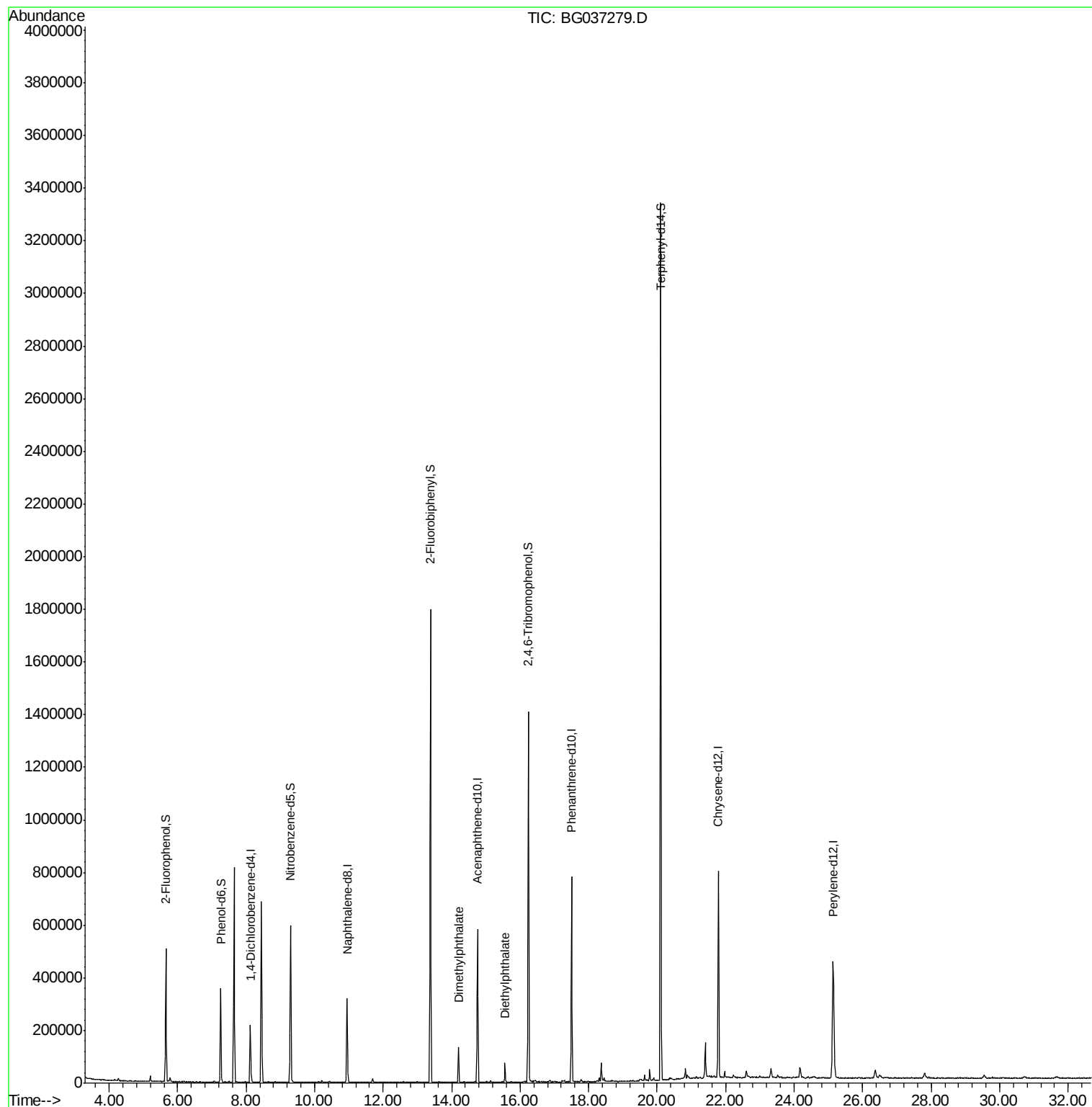
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	63496	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	284677	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	201560	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	500432	20.00	ng	0.00
76) Chrysene-d12	21.79	240	473279	20.00	ng	0.00
87) Perylene-d12	25.14	264	485136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	229494	63.61	ng	0.00
7) Phenol-d6	7.26	99	220275	40.22	ng	0.00
23) Nitrobenzene-d5	9.30	82	371001	85.68	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	253870	128.43	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	946143	70.49	ng	0.00
79) Terphenyl-d14	20.11	244	1588764	70.49	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.20	163	94668	5.976	ng	98
60) Diethylphthalate	15.56	149	43008	2.620	ng	98

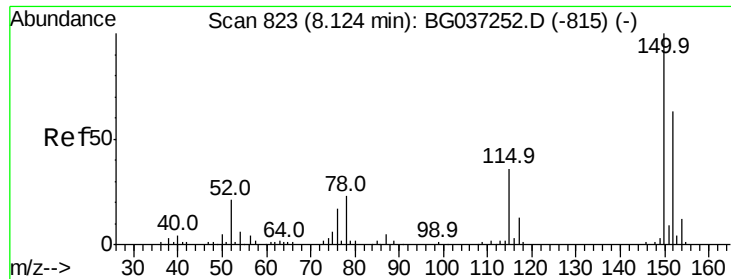
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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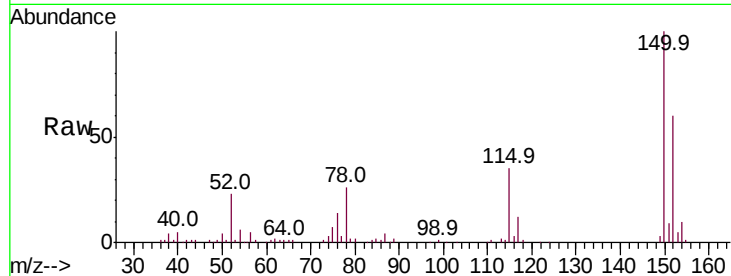


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037279.D
Acq: 12 Oct 2018 6:28

Instrument :
BNA_G
ClientSampleId :
TW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.6	126.0	189.0
115	57.6	45.5	68.3

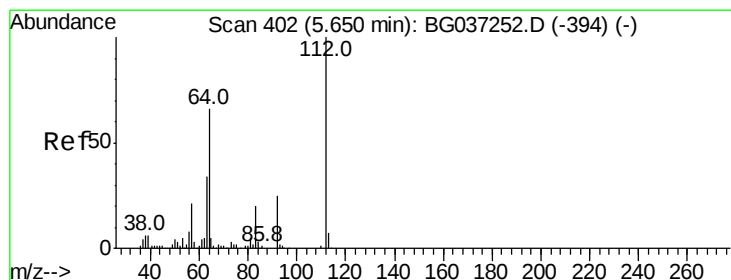
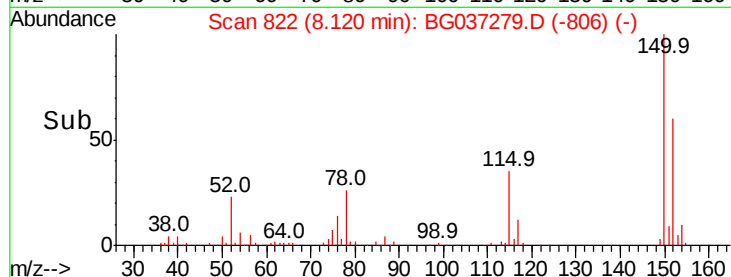
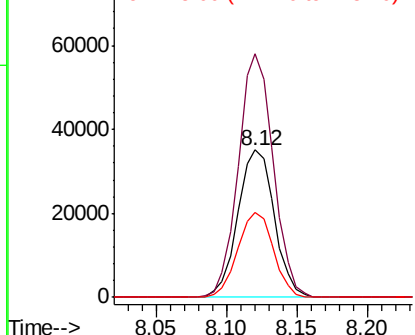


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

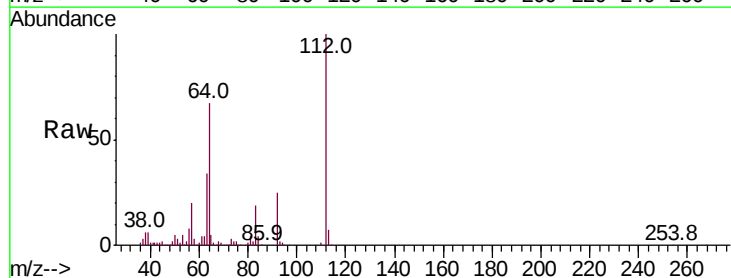
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.608 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037279.D
Acq: 12 Oct 2018 6:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.1	79.7
63	33.9	27.3	40.9

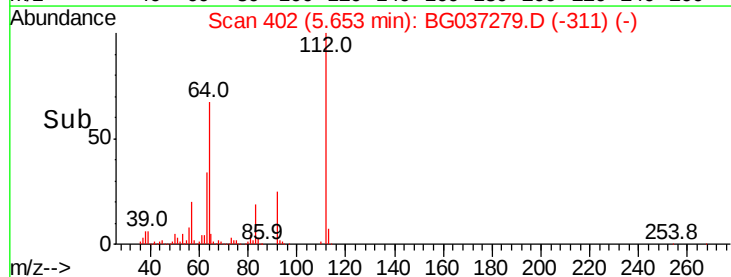
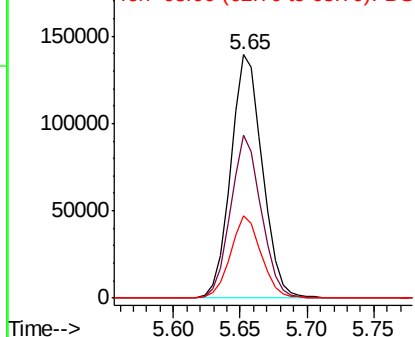


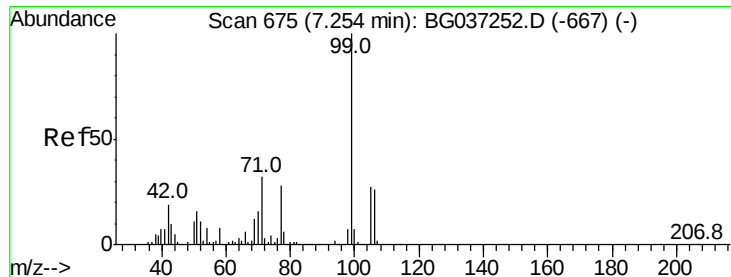
Abundance

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: 40.224 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037279.D

Acq: 12 Oct 2018 6:28

Instrument :

BNA_G

ClientSampleId :

TW-3

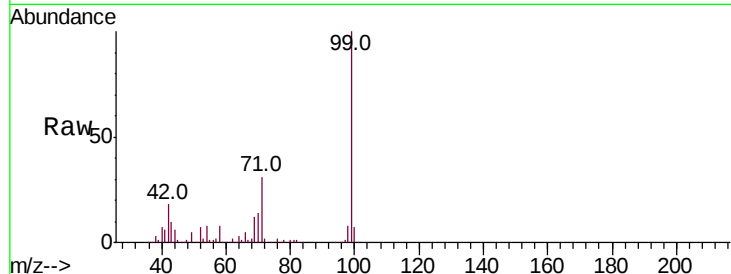
Tot Ion: 99 Resp: 220275

Ion Ratio Lower Upper

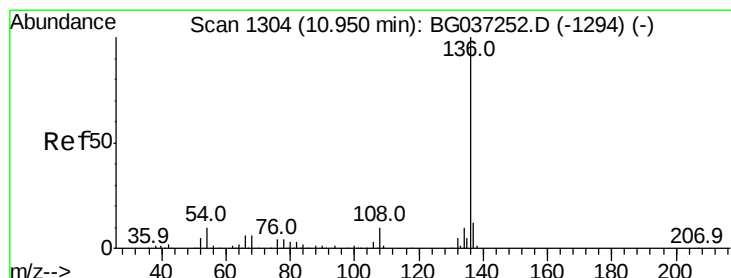
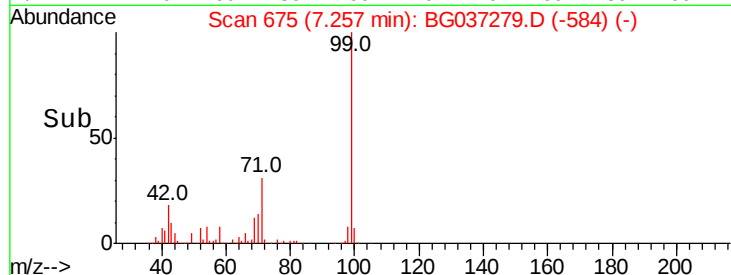
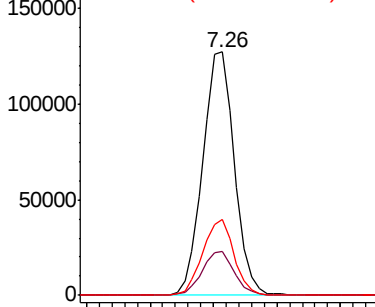
99 100

42 18.3 15.0 22.4

71 31.3 25.5 38.3



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: 10.95 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG037279.D

Acq: 12 Oct 2018 6:28

Tgt Ion: 136 Resp: 284677

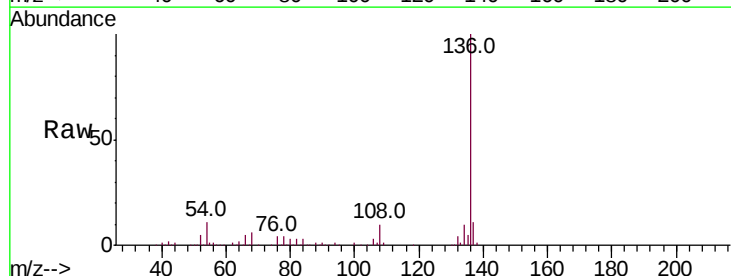
Ion Ratio Lower Upper

136 100

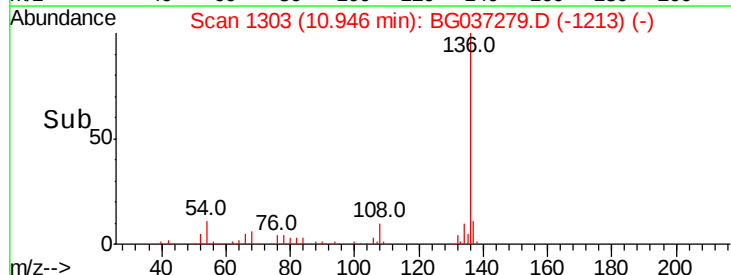
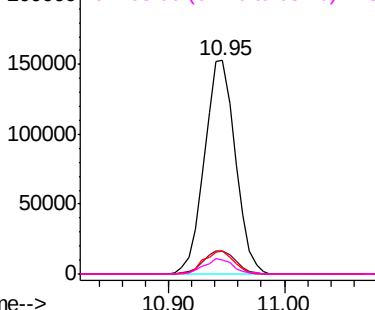
137 11.0 9.6 14.4

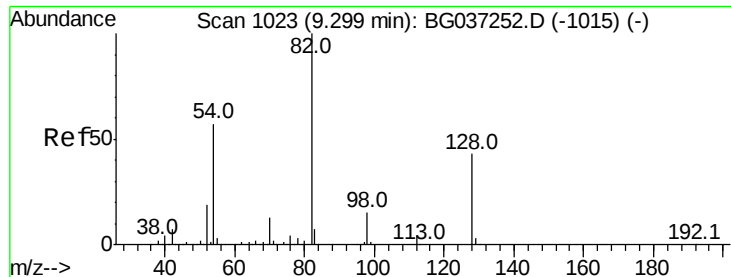
54 10.6 7.9 11.9

68 6.3 4.8 7.2



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

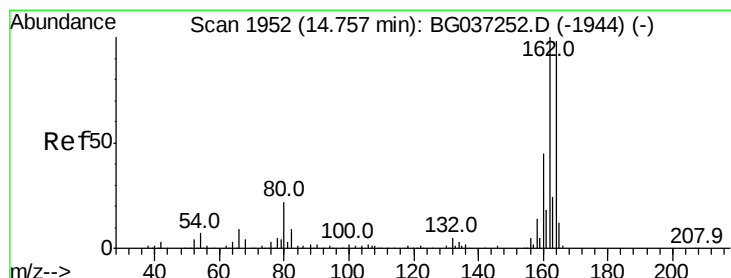
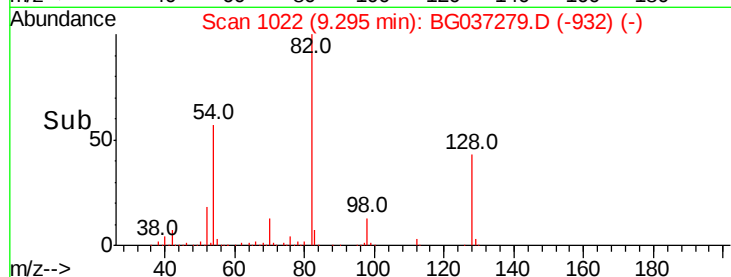
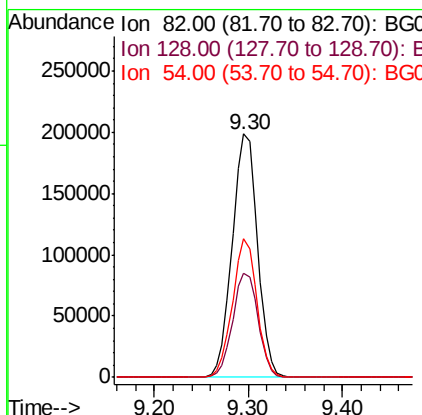
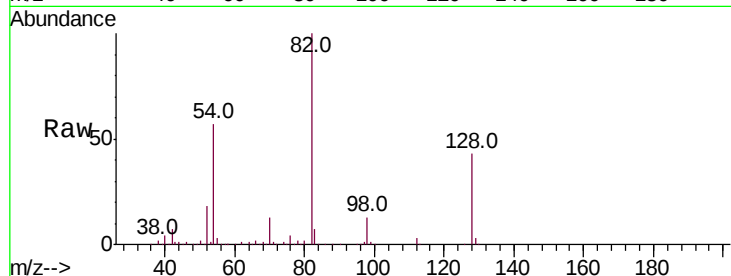




#23
Nitrobenzene-d5
Concen: 85.681 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037279.D
Acq: 12 Oct 2018 6:28

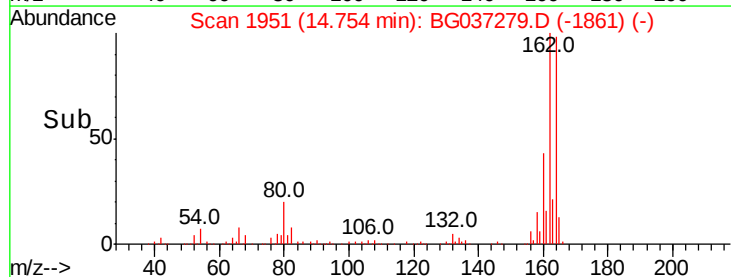
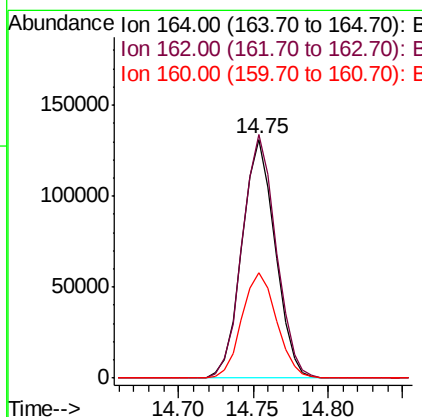
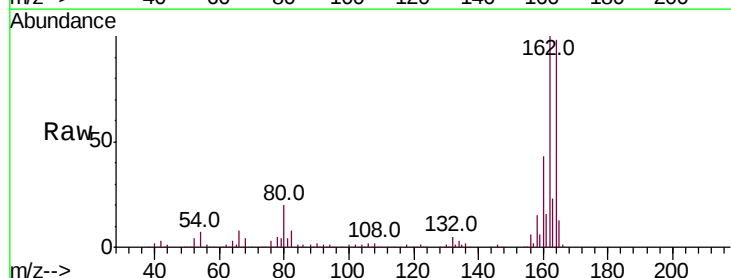
Instrument :
BNA_G
ClientSampled :
TW-3

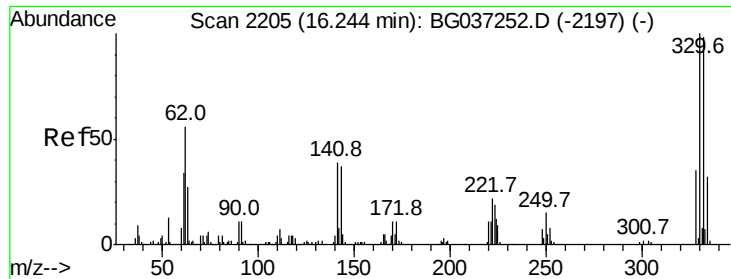
Tot Ion	82	Resp	371001
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.6	51.8
54	57.2	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG037279.D
Acq: 12 Oct 2018 6:28

Tgt Ion	164	Resp	201560
Ion Ratio	Lower	Upper	
164	100		
162	102.0	81.3	121.9
160	44.1	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 128.429 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG037279.D

Acq: 12 Oct 2018 6:28

Instrument :

BNA_G

ClientSampled :

TW-3

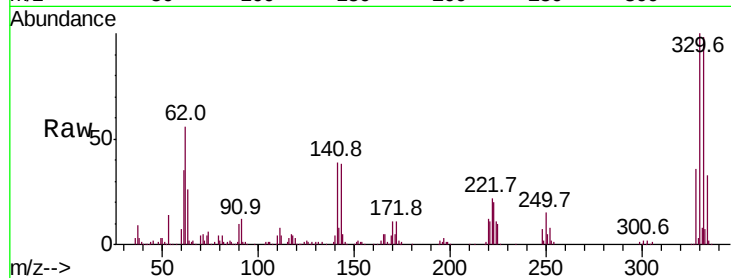
Tot Ion:330 Resp: 253870

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

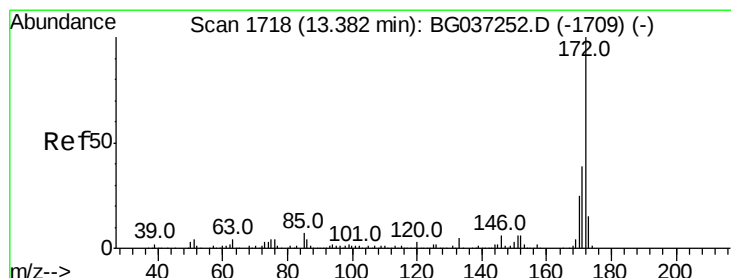
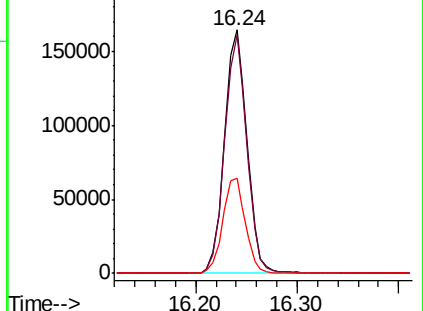
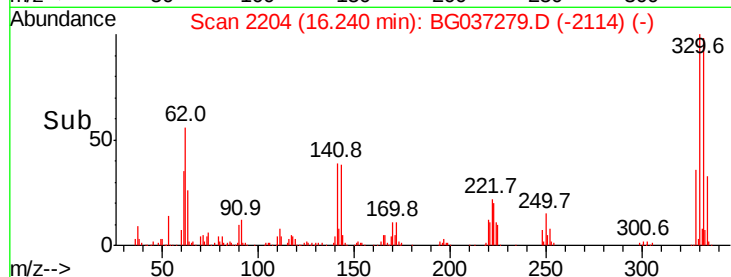
141 39.3 32.2 48.2



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: 70.494 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG037279.D

Acq: 12 Oct 2018 6:28

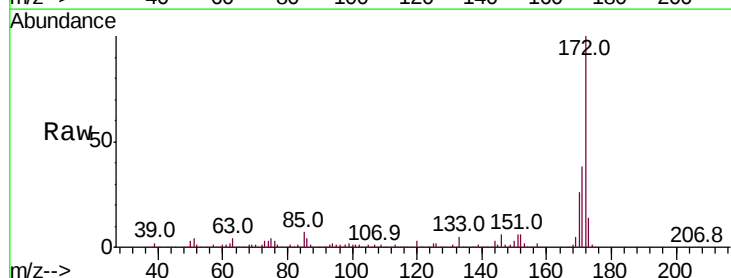
Tgt Ion:172 Resp: 946143

Ion Ratio Lower Upper

172 100

171 38.1 31.0 46.4

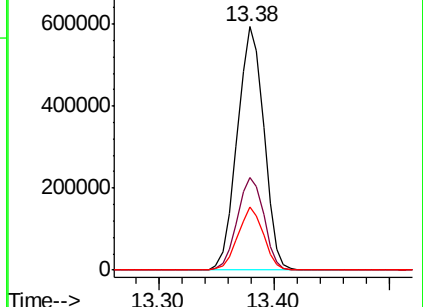
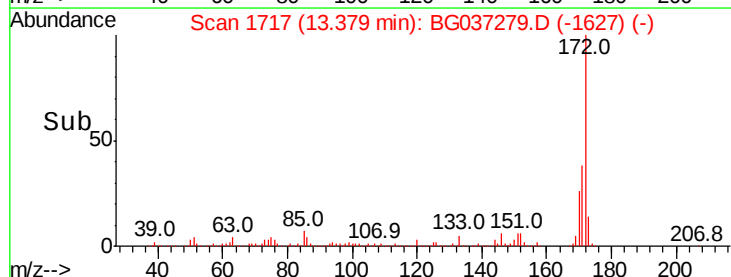
170 26.0 20.2 30.2

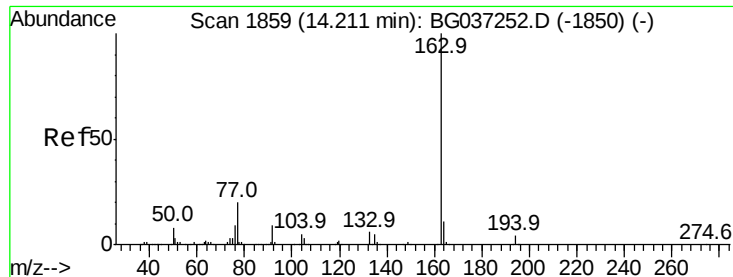


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.976 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037279.D

Acq: 12 Oct 2018 6:28

Instrument :

BNA_G

ClientSampleId :

TW-3

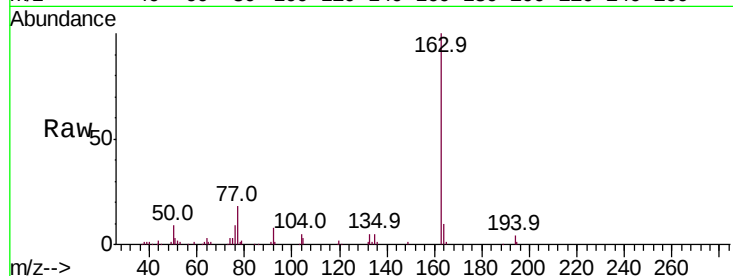
Tot Ion:163 Resp: 94668

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

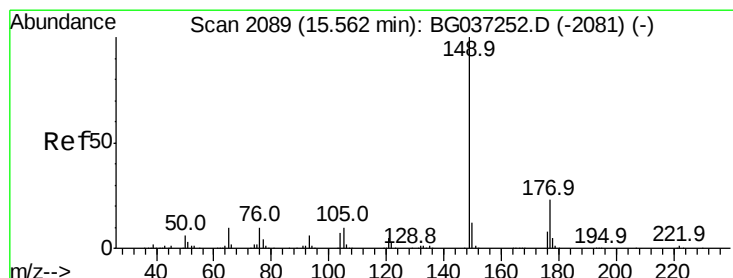
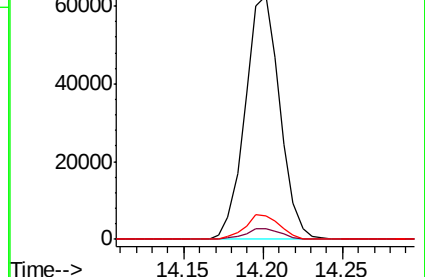
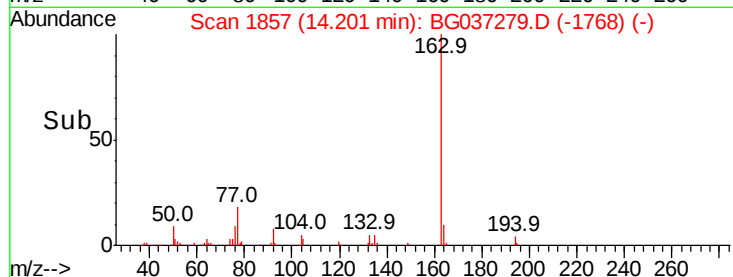
164 9.5 8.5 12.7



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



#60

Diethylphthalate

Concen: 2.620 ng

RT: 15.56 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG037279.D

Acq: 12 Oct 2018 6:28

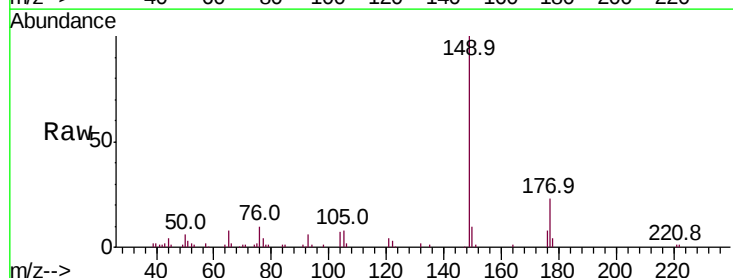
Tgt Ion:149 Resp: 43008

Ion Ratio Lower Upper

149 100

177 23.1 18.3 27.5

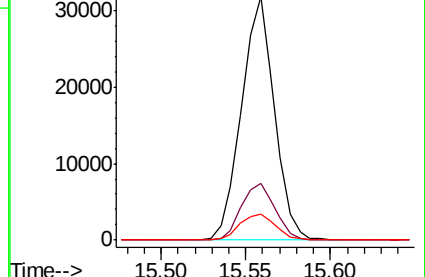
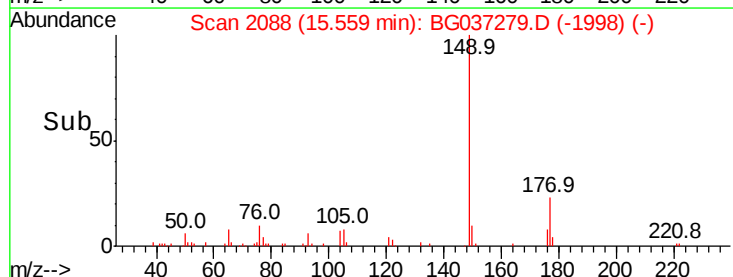
150 10.4 10.0 15.0

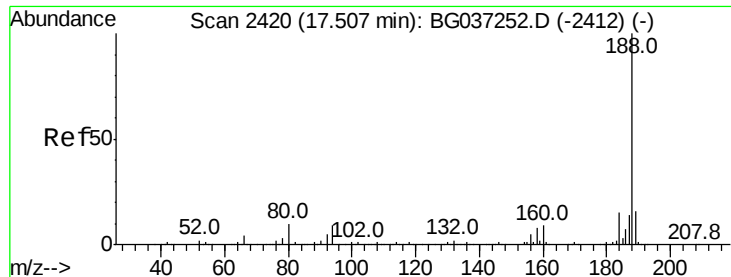


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037279.D

Acq: 12 Oct 2018 6:28

Instrument :

BNA_G

ClientSampleId :

TW-3

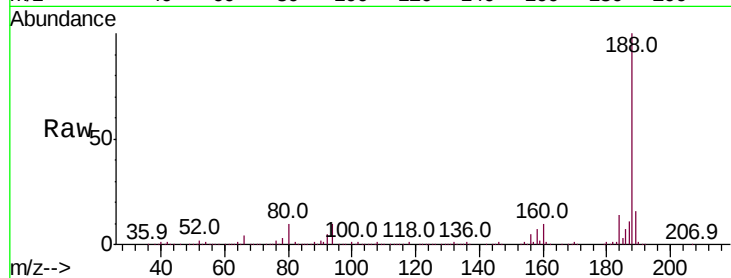
Tot Ion:188 Resp: 500432

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

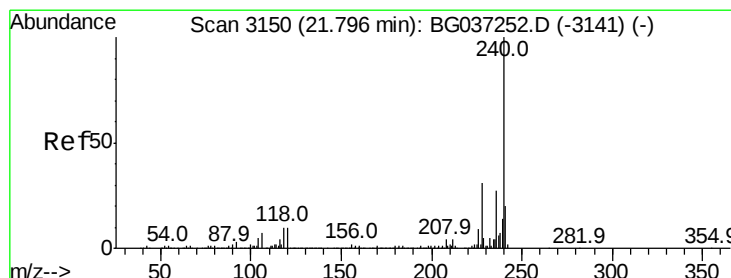
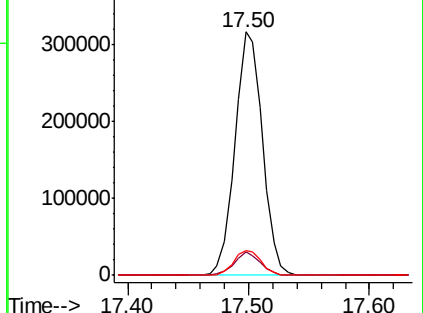
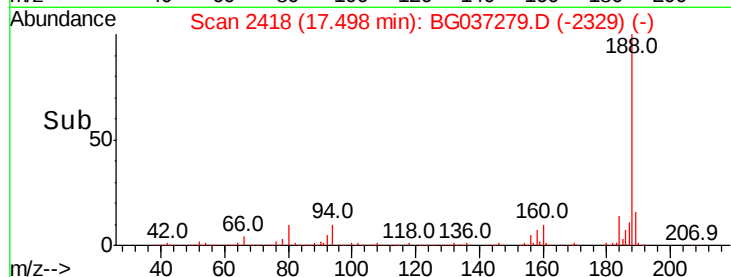
80 10.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG037279.D

Acq: 12 Oct 2018 6:28

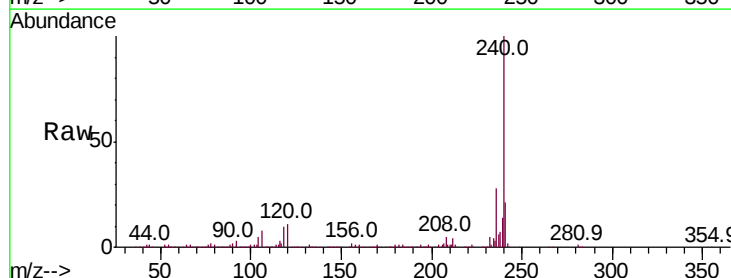
Tgt Ion:240 Resp: 473279

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

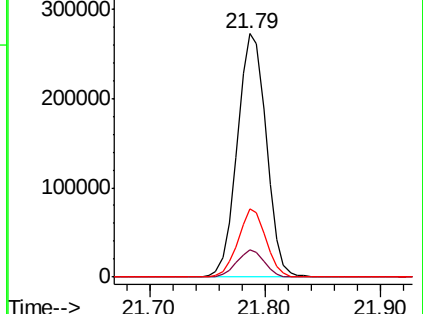
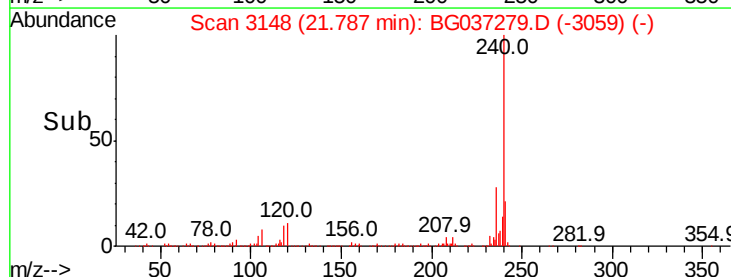
236 27.8 21.4 32.0

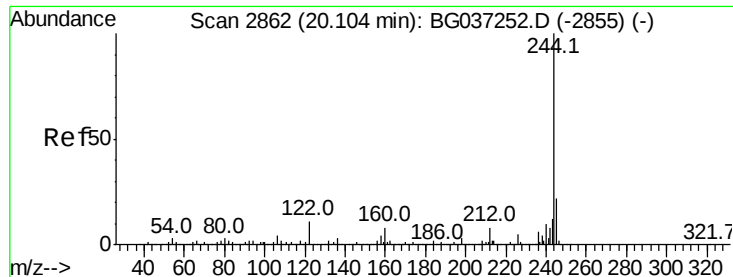


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.487 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037279.D

Acq: 12 Oct 2018 6:28

Instrument :

BNA_G

ClientSampleId :

TW-3

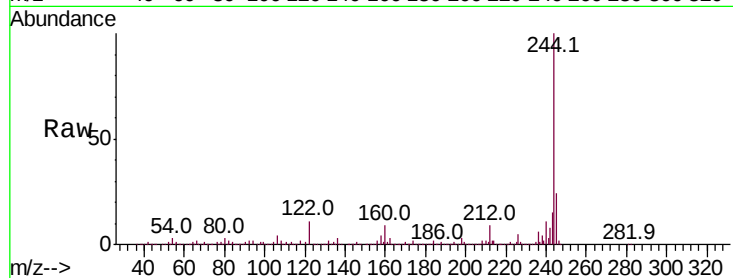
Tot Ion:244 Resp: 1588764

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

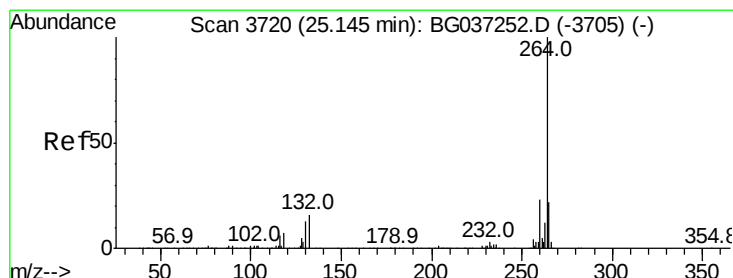
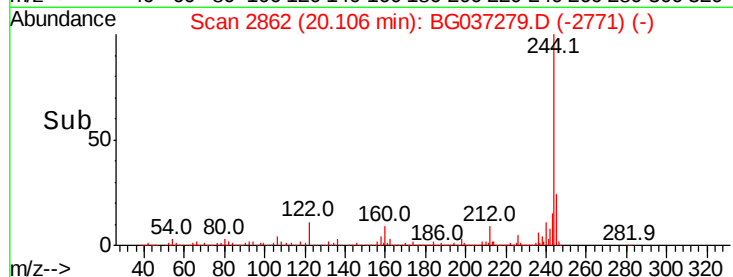
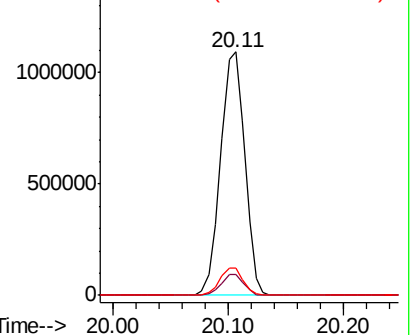
122 11.2 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG037279.D

Acq: 12 Oct 2018 6:28

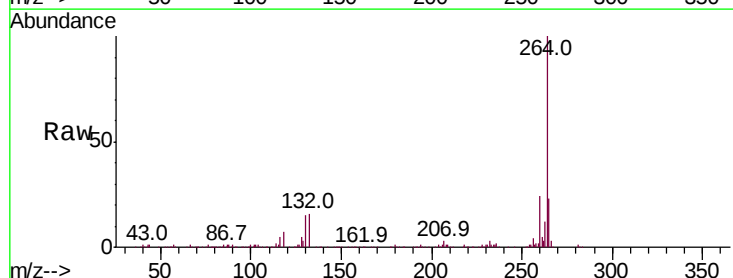
Tgt Ion:264 Resp: 485136

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 22.8 17.9 26.9



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

