

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038805.D
 Acq On : 22 Dec 2018 3:19
 Operator : JU/SJ
 Sample : J6505-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-61(0-23)-COMP

Quant Time: Dec 22 06:13:02 2018
 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

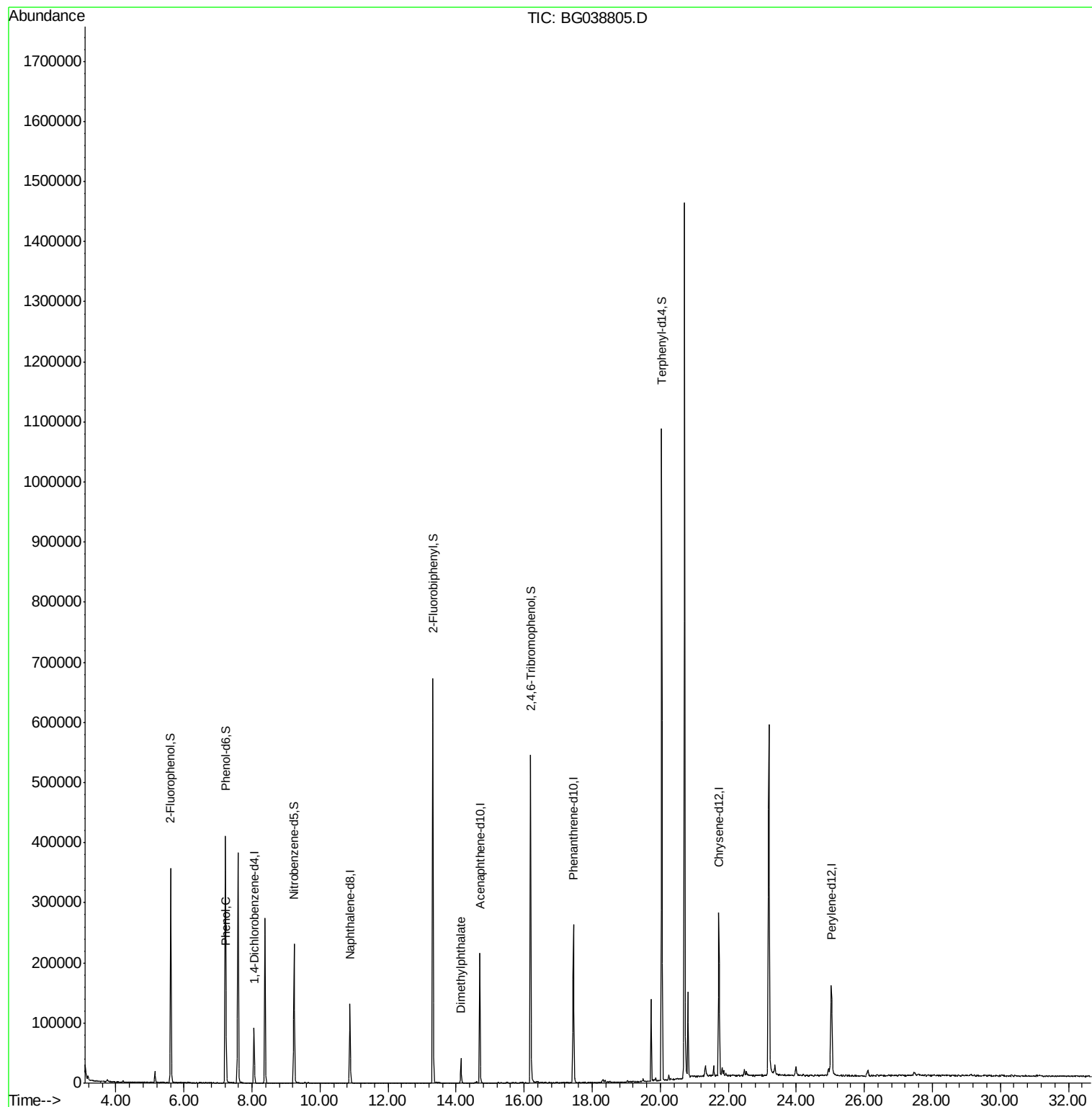
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26976	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	115440	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	80083	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	179191	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174366	20.00	ng	0.00
87) Perylene-d12	25.03	264	184093	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	159813	105.08	ng	0.01
7) Phenol-d6	7.22	99	234902	112.50	ng	0.01
23) Nitrobenzene-d5	9.23	82	139670	61.81	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	117070	106.07	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	365791	62.66	ng	0.00
79) Terphenyl-d14	20.04	244	539311	67.31	ng	0.00
Target Compounds						
10) Phenol	7.24	94	11176	5.038	ng	88
50) Dimethylphthalate	14.14	163	32416	4.957	ng	97

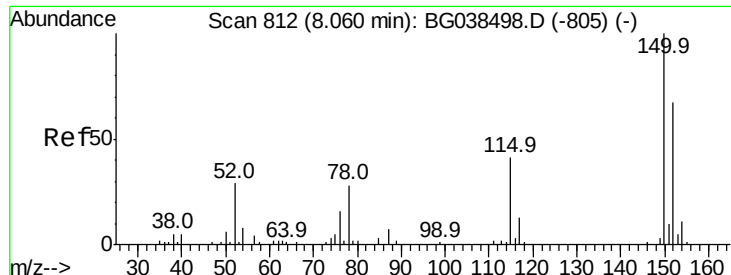
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

Instrument :

BNA_G

ClientSampleId :

SB-61(0-23)-COMP

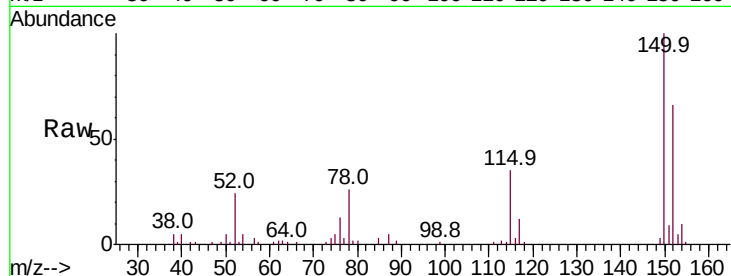
Tot Ion:152 Resp: 26976

Ion Ratio Lower Upper

152 100

150 150.6 119.5 179.3

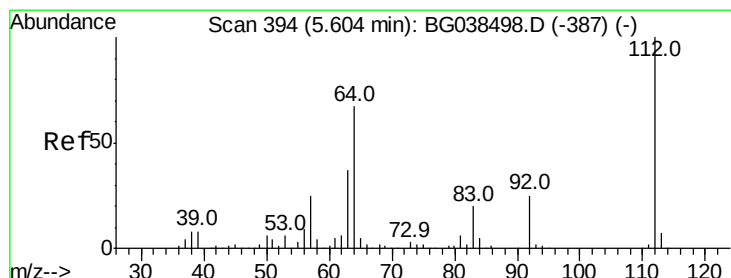
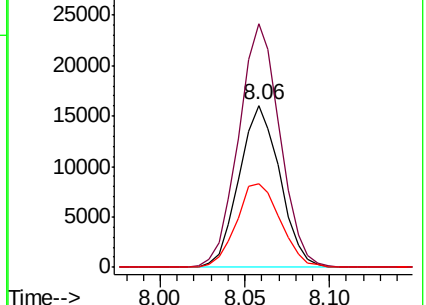
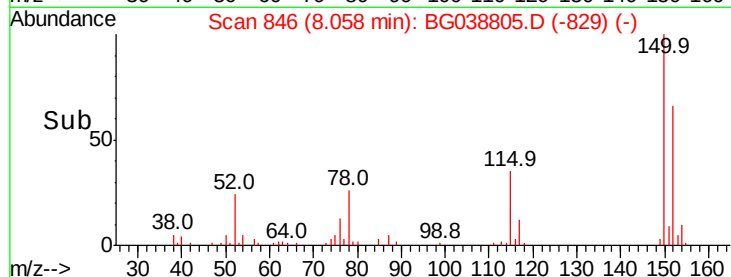
115 52.0 49.6 74.4



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: 105.076 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

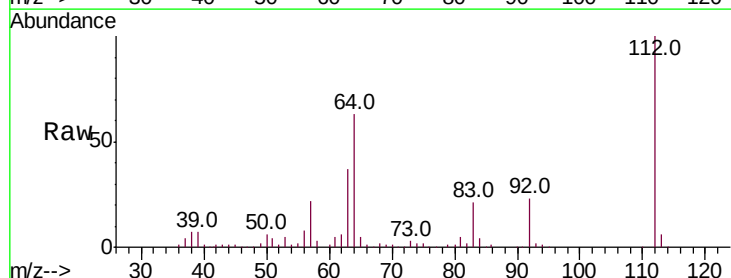
Tgt Ion:112 Resp: 159813

Ion Ratio Lower Upper

112 100

64 63.0 53.4 80.2

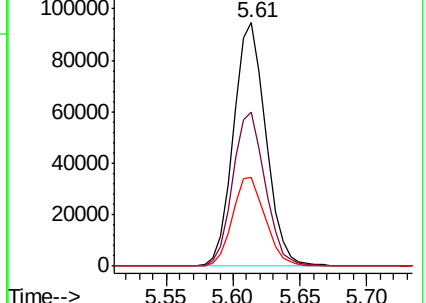
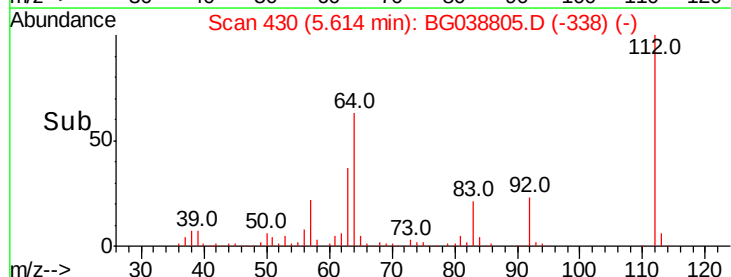
63 36.7 29.3 43.9

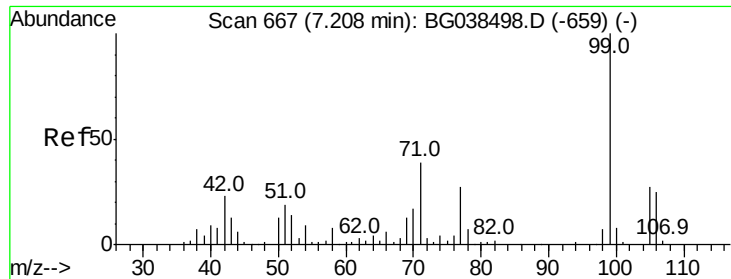


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 112.504 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

Instrument :

BNA_G

ClientSampleId :

SB-61(0-23)-COMP

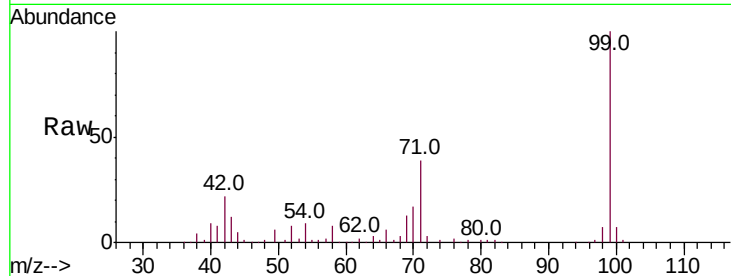
Tot Ion: 99 Resp: 234902

Ion Ratio Lower Upper

99 100

42 21.7 18.5 27.7

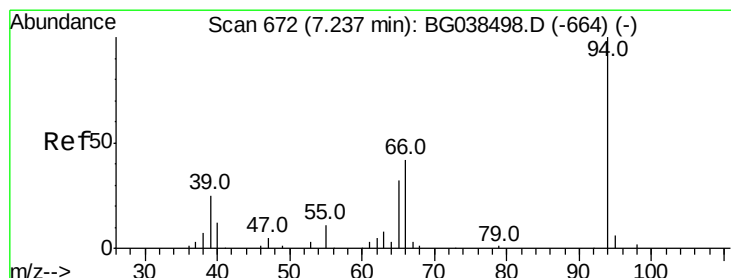
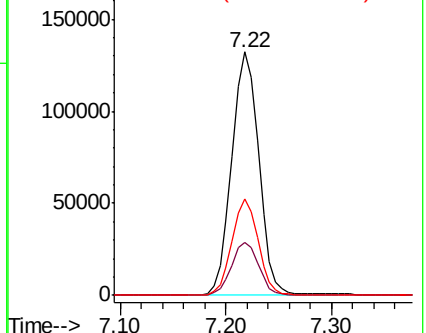
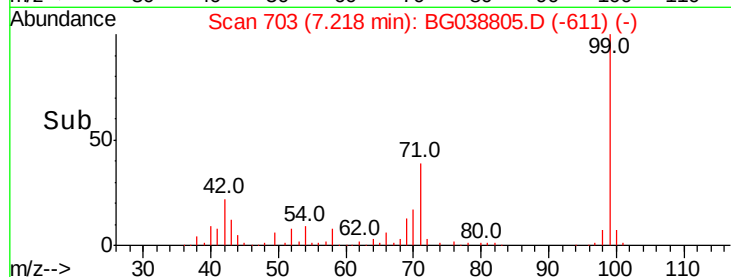
71 39.4 31.1 46.7



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: 5.038 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

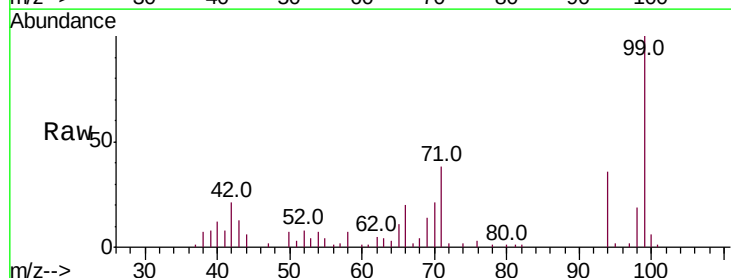
Tgt Ion: 94 Resp: 11176

Ion Ratio Lower Upper

94 100

65 30.9 12.6 52.6

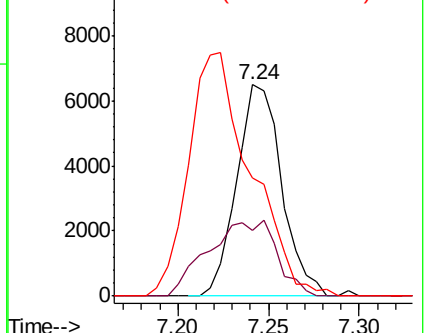
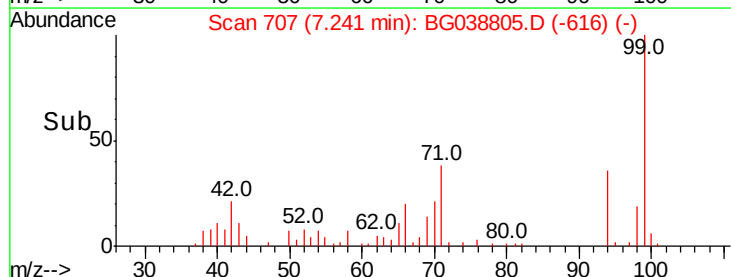
66 55.6 24.1 64.1

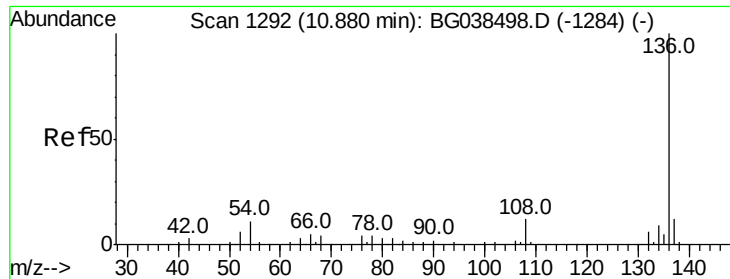


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

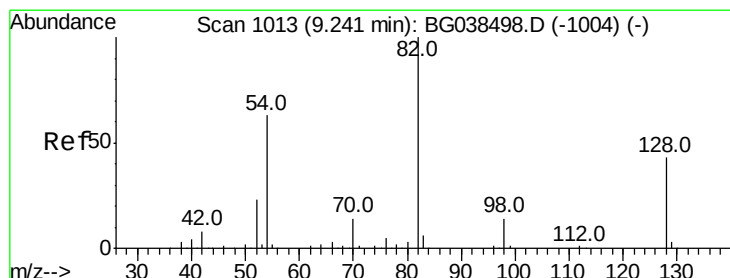
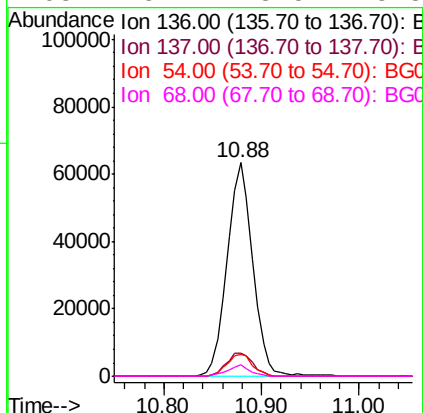
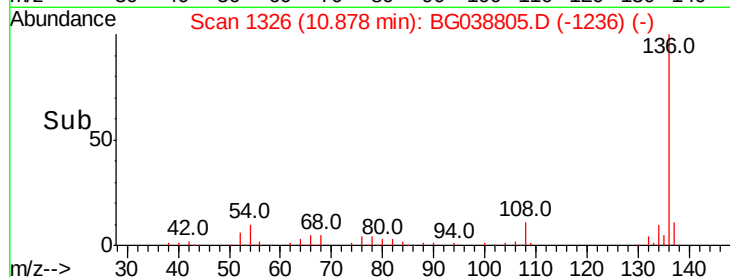
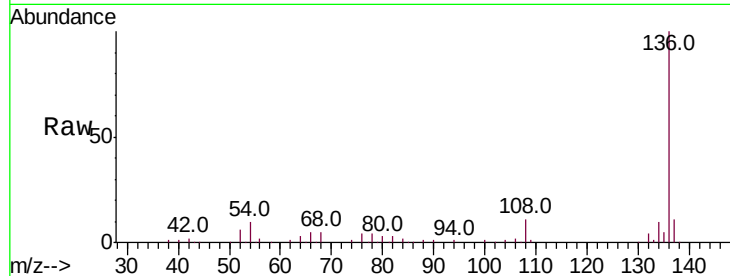




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038805.D
Acq: 22 Dec 2018 3:19

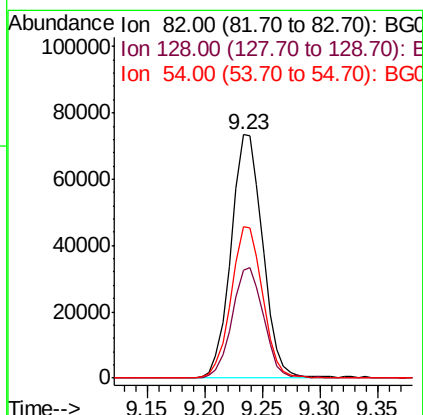
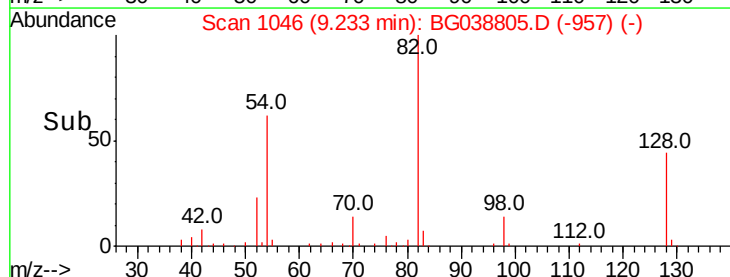
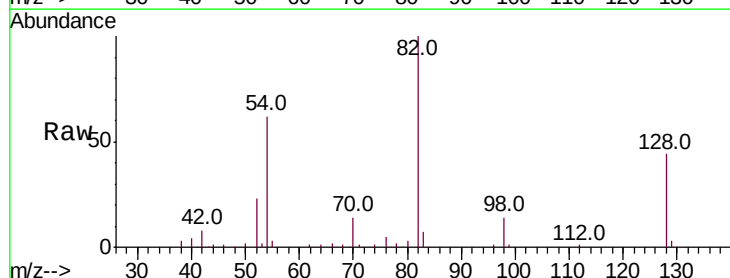
Instrument :
BNA_G
ClientSampleId :
SB-61(0-23)-COMP

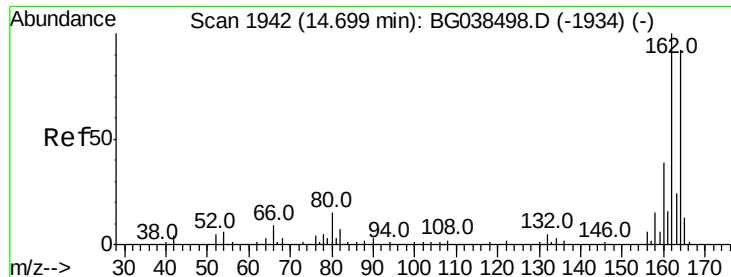
Tot Ion:136	Resp:	115440
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.3 13.9
54	9.9	8.5 12.7
68	5.1	3.5 5.3



#23
Nitrobenzene-d5
Concen: 61.810 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038805.D
Acq: 22 Dec 2018 3:19

Tgt Ion: 82	Resp:	139670
Ion Ratio	Lower	Upper
82	100	
128	44.5	34.6 52.0
54	62.3	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

Instrument :

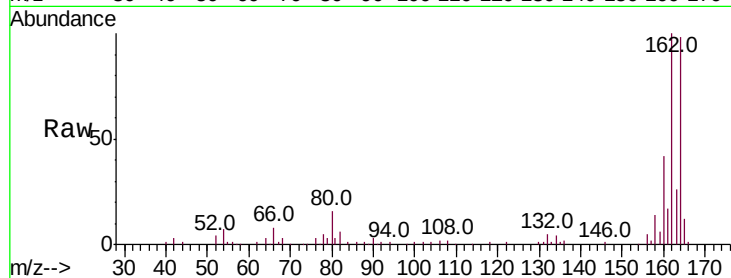
BNA_G

ClientSampleId :

SB-61(0-23)-COMP

Tot Ion:164 Resp: 80083

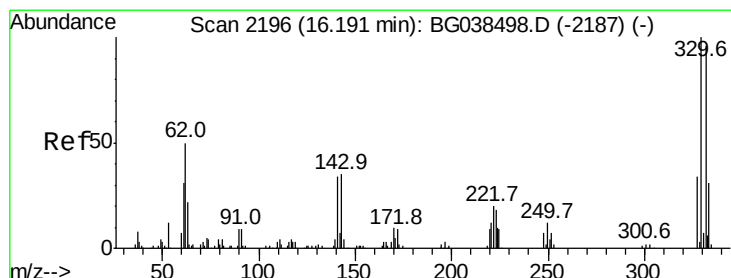
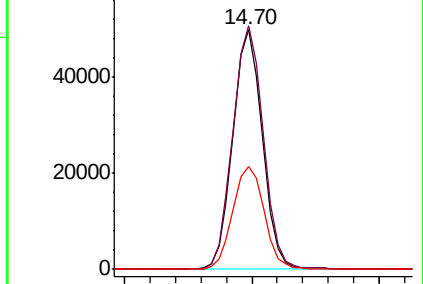
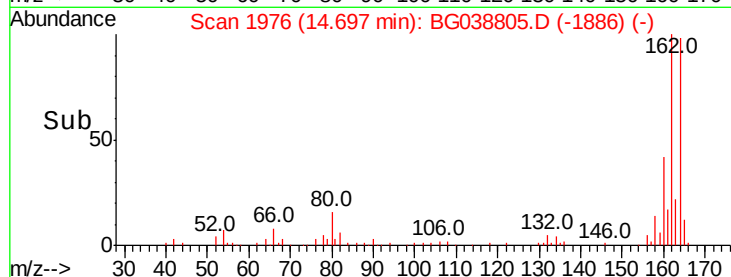
Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.6	130.0
160	42.8	34.2	51.2



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: 106.072 ng

RT: 16.19 min Scan# 2230

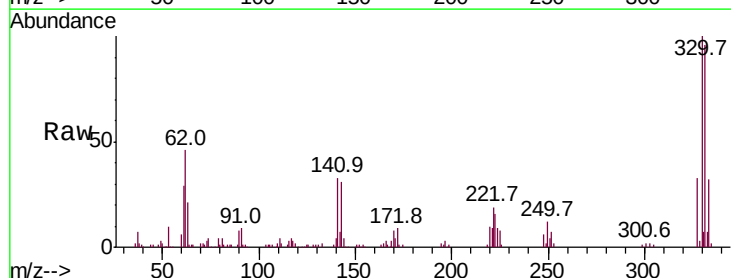
Delta R.T. -0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

Tgt Ion:330 Resp: 117070

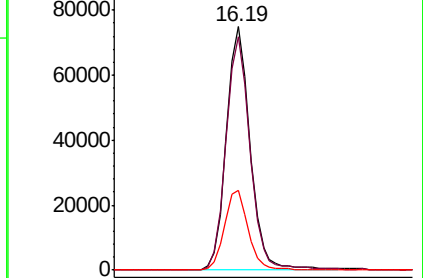
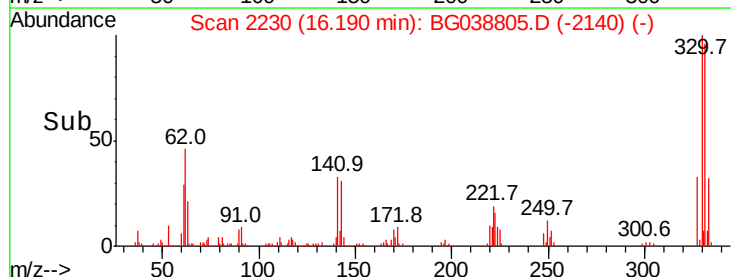
Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	32.9	28.8	43.2

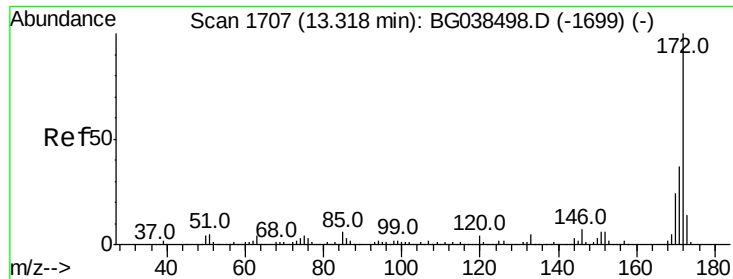


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

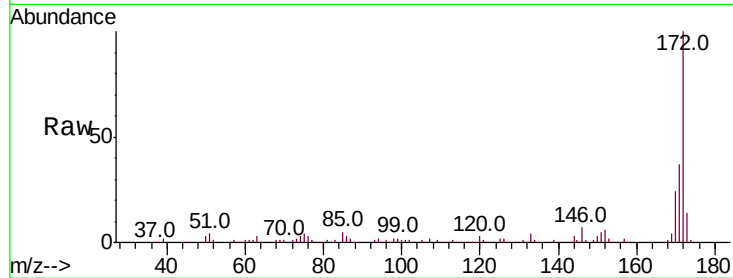




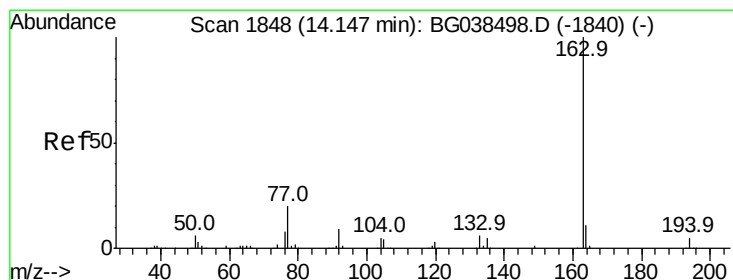
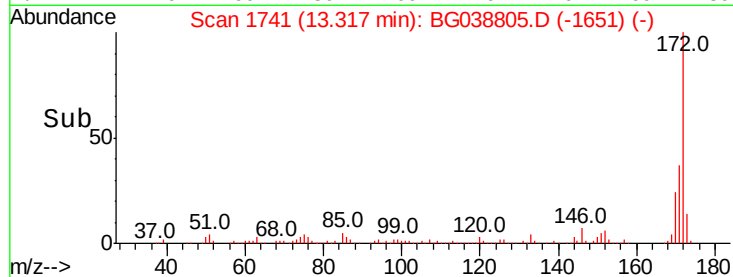
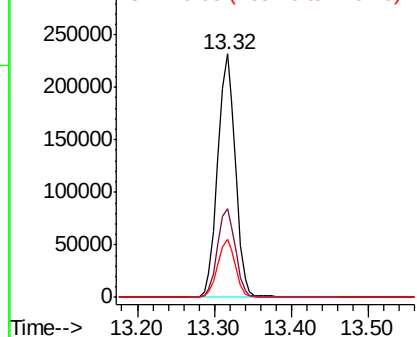
#45
 2-Fluorobiphenyl
 Concen: 62.661 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038805.D
 Acq: 22 Dec 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-61(0-23)-COMP

Tot Ion:172 Resp: 365791
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 24.1 19.5 29.3

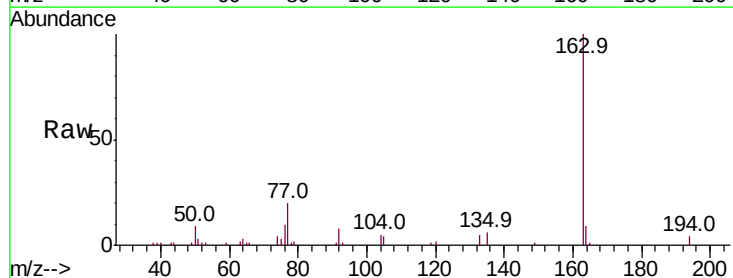


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

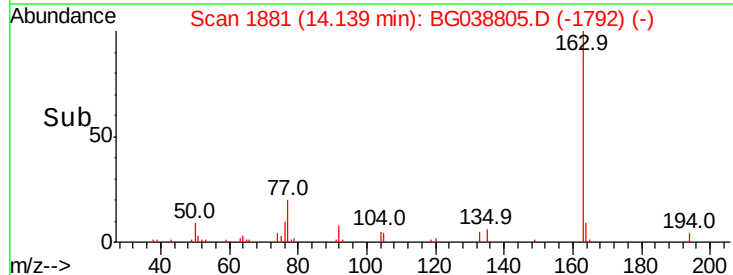
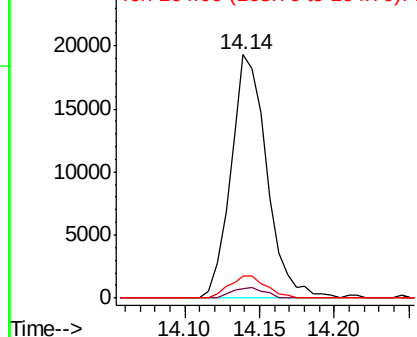


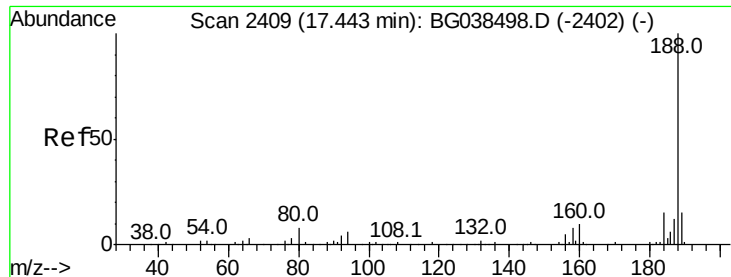
#50
 Dimethylphthalate
 Concen: 4.957 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038805.D
 Acq: 22 Dec 2018 3:19

Tgt Ion:163 Resp: 32416
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.7 5.5
 164 9.3 8.6 12.8



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

Instrument :

BNA_G

ClientSampleId :

SB-61(0-23)-COMP

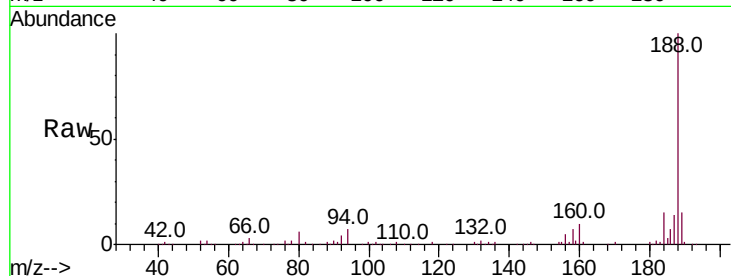
Tot Ion:188 Resp: 179191

Ion Ratio Lower Upper

188 100

94 6.7 5.1 7.7

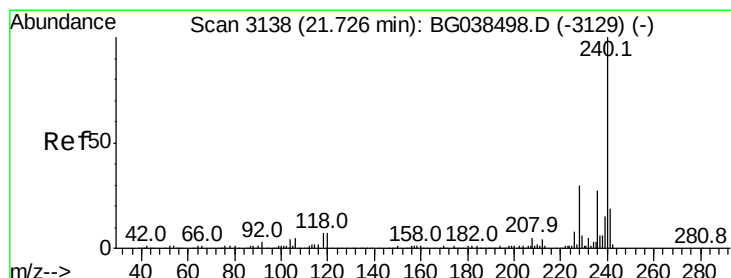
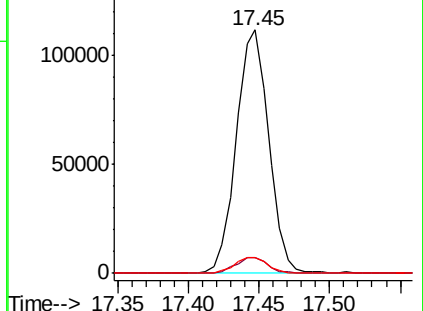
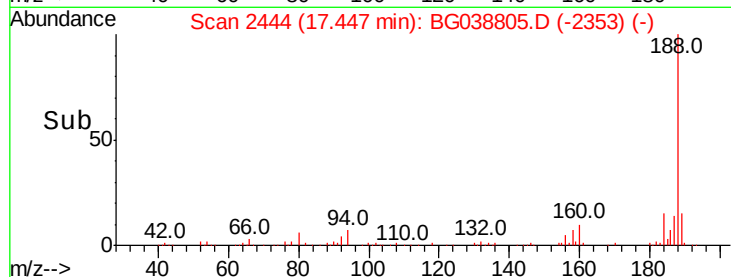
80 6.4 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

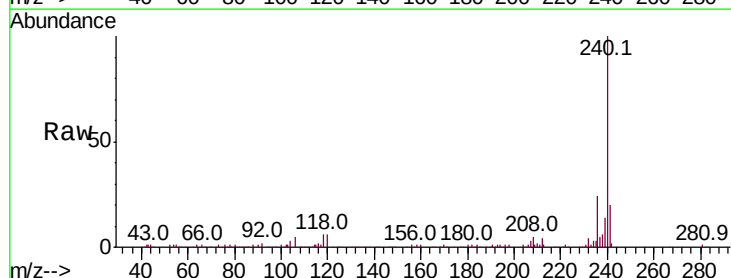
Tgt Ion:240 Resp: 174366

Ion Ratio Lower Upper

240 100

120 6.3 5.3 7.9

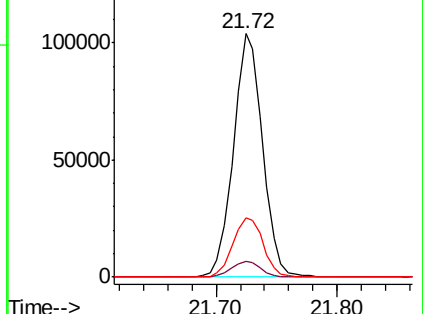
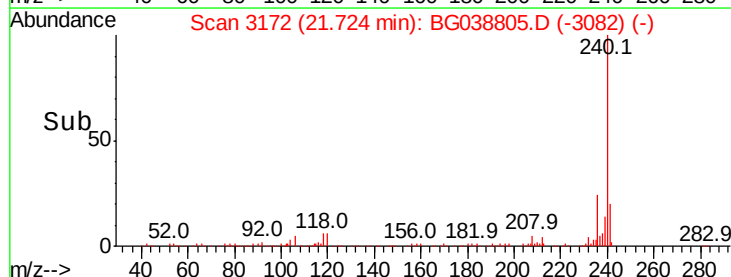
236 24.4 21.4 32.2

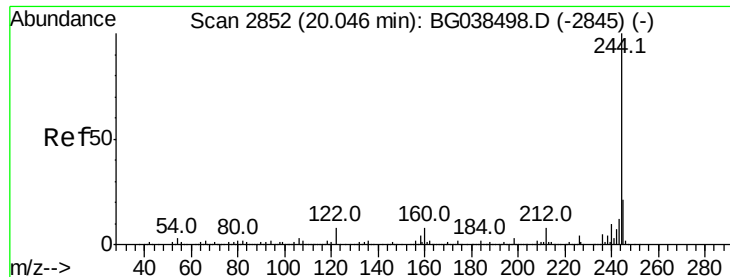


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.314 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

Instrument :

BNA_G

ClientSampleId :

SB-61(0-23)-COMP

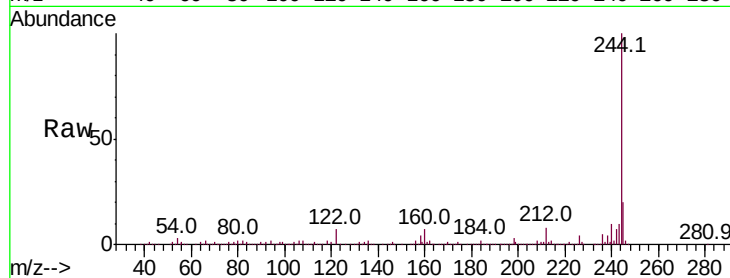
Tot Ion:244 Resp: 539311

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

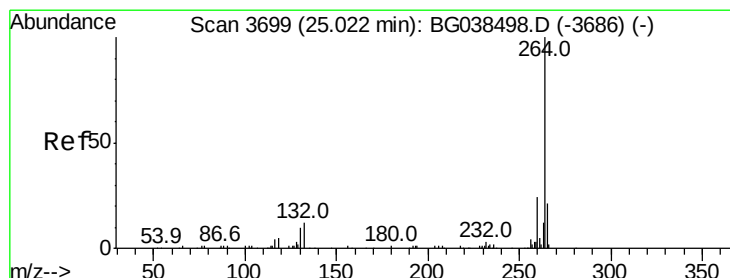
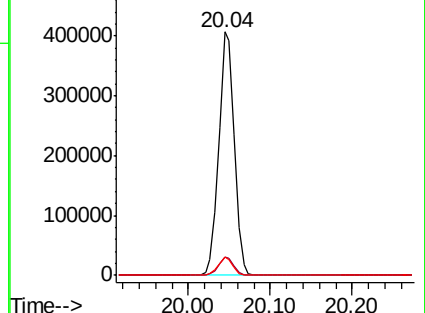
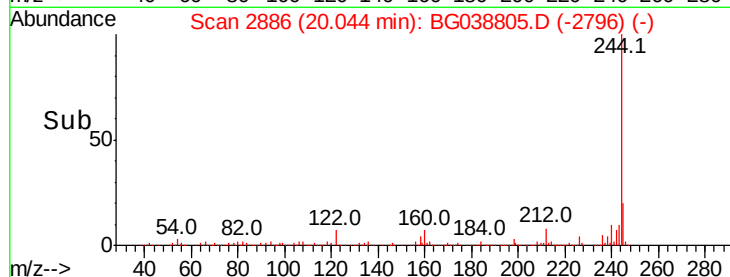
122 7.3 6.3 9.5



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: 25.03 min Scan# 3735

Delta R.T. 0.01 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

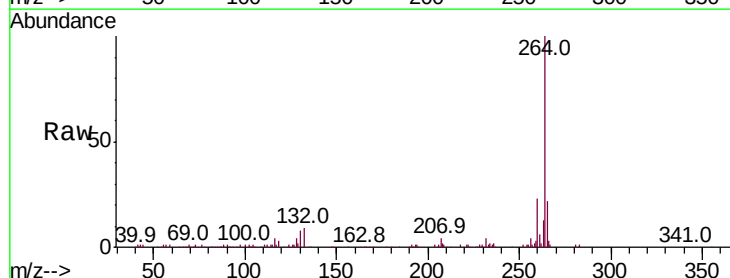
Tgt Ion:264 Resp: 184093

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.7 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

