

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038308.D
 Acq On : 3 Dec 2018 20:20
 Operator : JU/SJ
 Sample : J6179-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGS

Quant Time: Dec 04 05:55:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

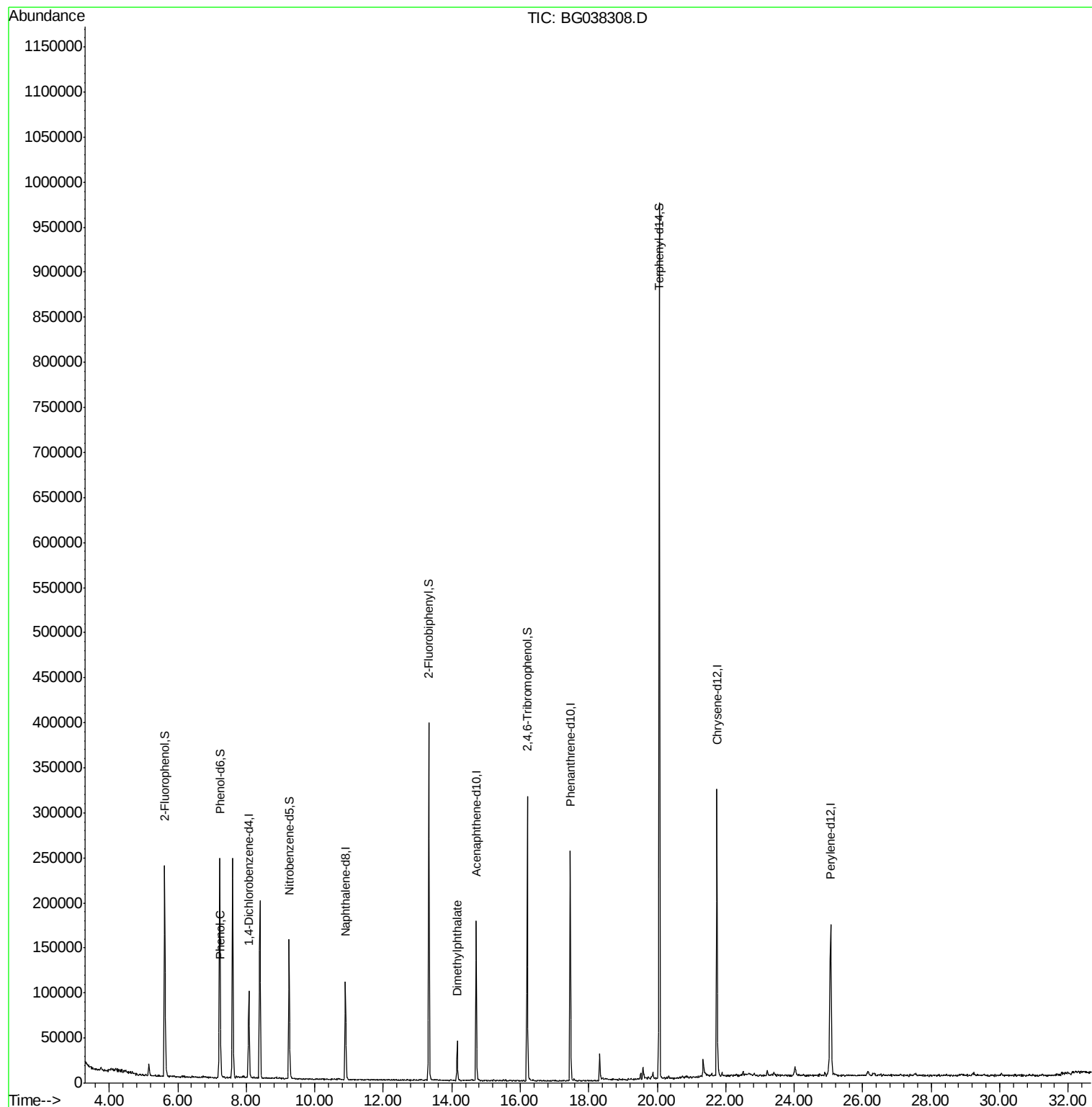
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	29351	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	100051	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	65501	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	165296	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	191876	20.00	ng	-0.01
87) Perylene-d12	25.06	264	198049	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	112910	66.42	ng	-0.01
7) Phenol-d6	7.22	99	155922	64.26	ng	-0.01
23) Nitrobenzene-d5	9.25	82	100054	53.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	61440	82.25	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	223673	49.75	ng	-0.02
79) Terphenyl-d14	20.06	244	493161	60.48	ng	0.00
Target Compounds						
10) Phenol	7.25	94	12677	4.932	ng	91
50) Dimethylphthalate	14.16	163	33988	6.545	ng	97

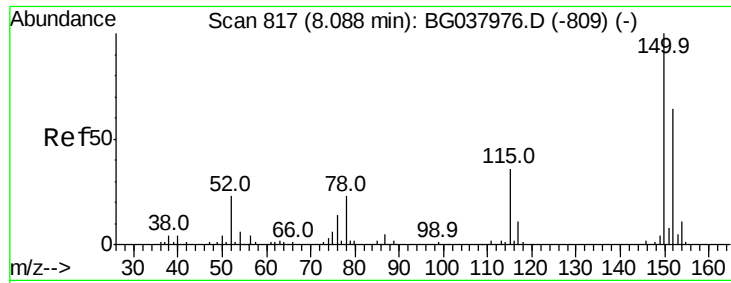
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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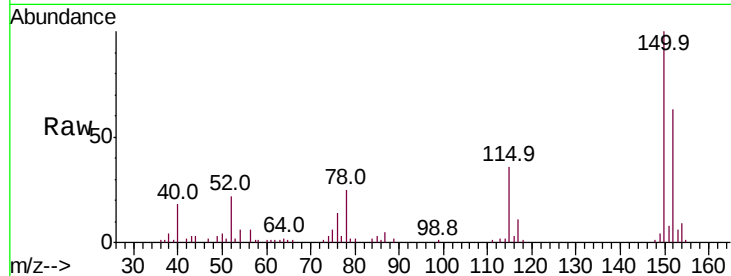


#1

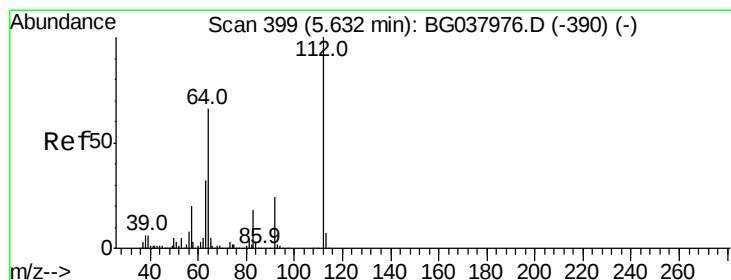
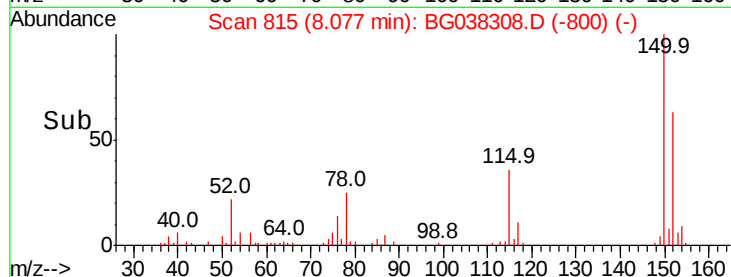
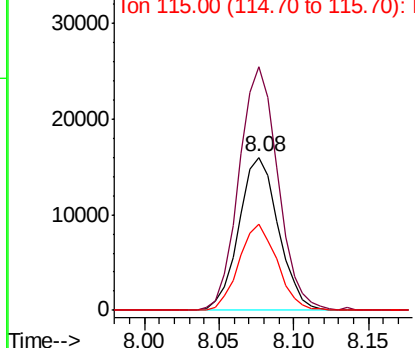
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038308.D
Acq: 3 Dec 2018 20:20

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGS

Tot Ion:152 Resp: 29351
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 56.6 45.5 68.3



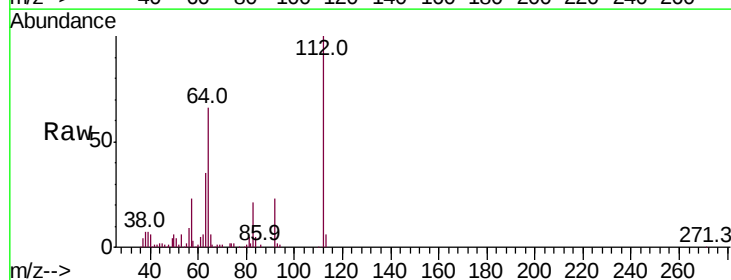
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



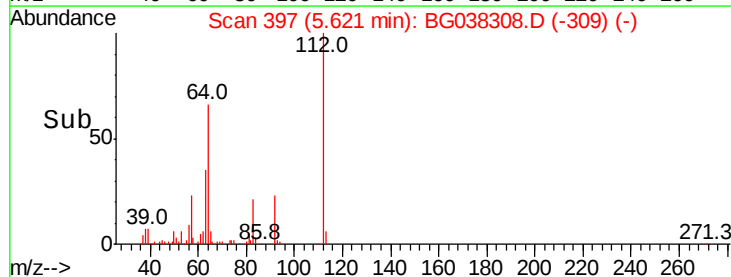
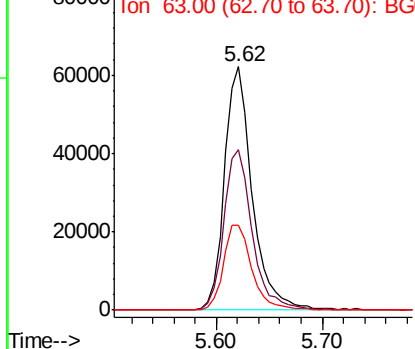
#5

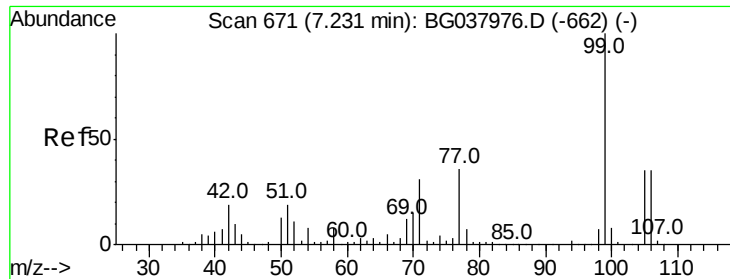
2-Fluorophenol
Concen: 66.419 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038308.D
Acq: 3 Dec 2018 20:20

Tgt Ion:112 Resp: 112910
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 34.9 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: 64.255 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

Instrument :

BNA_G

ClientSampled :

S1-0-0.5-BGS

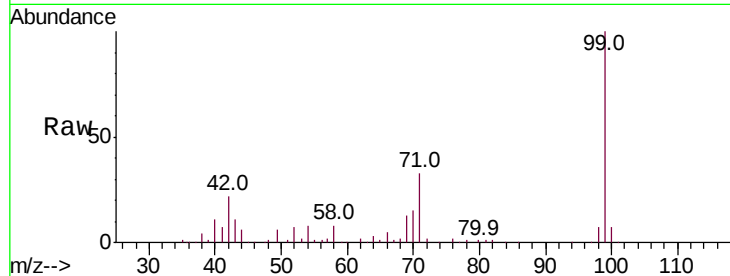
Tot Ion: 99 Resp: 155922

Ion Ratio Lower Upper

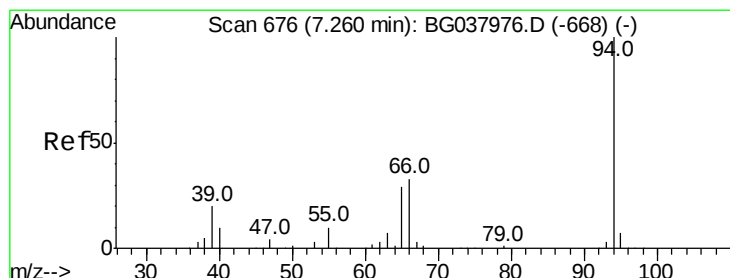
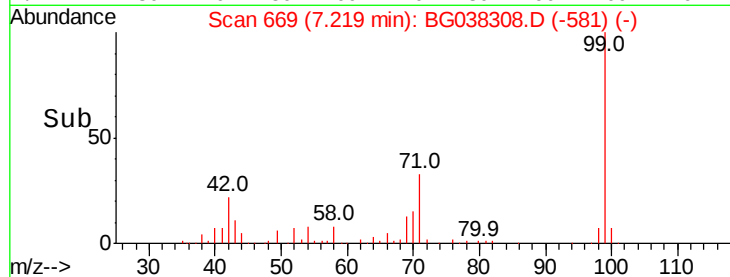
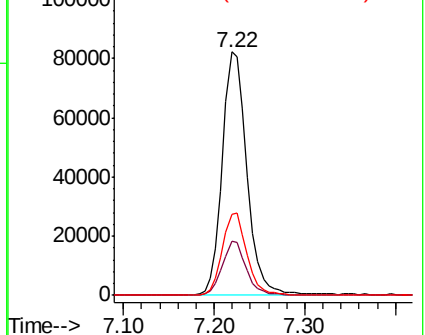
99 100

42 22.3 15.0 22.4

71 33.1 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



#10

Phenol

Concen: 4.932 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

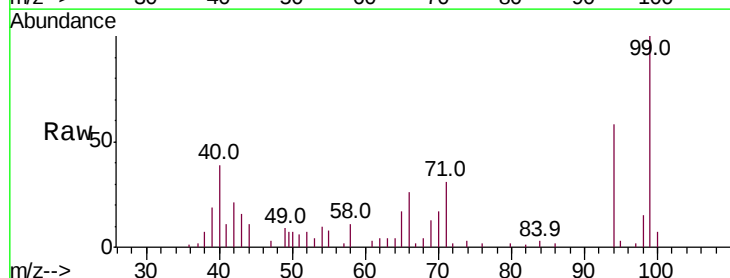
Tgt Ion: 94 Resp: 12677

Ion Ratio Lower Upper

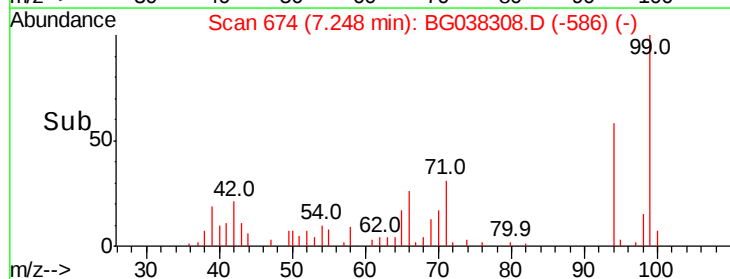
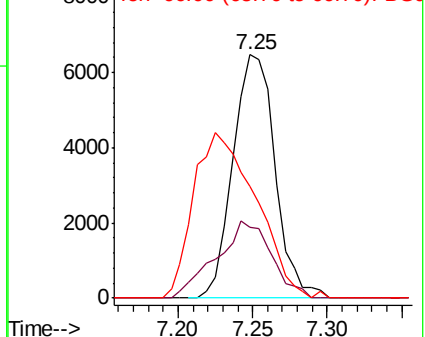
94 100

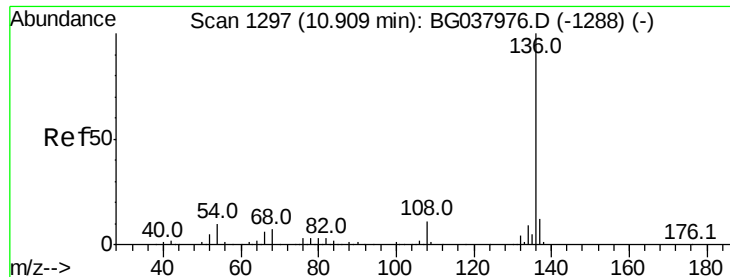
65 29.3 9.7 49.7

66 45.7 15.9 55.9



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

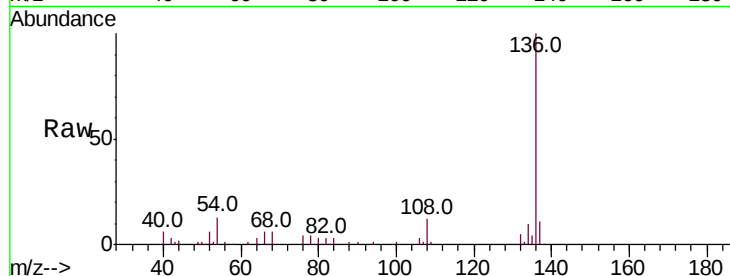




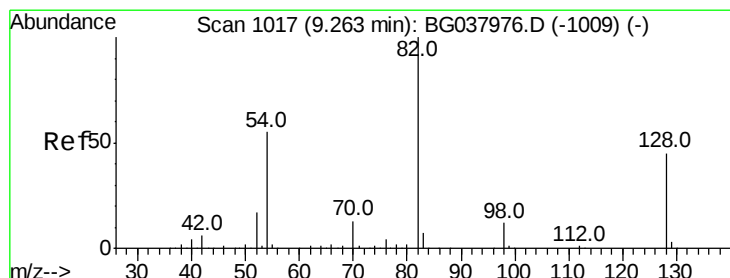
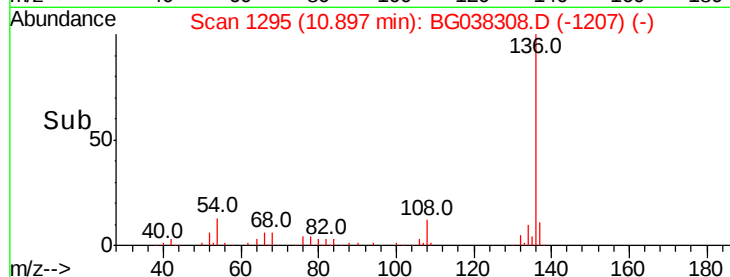
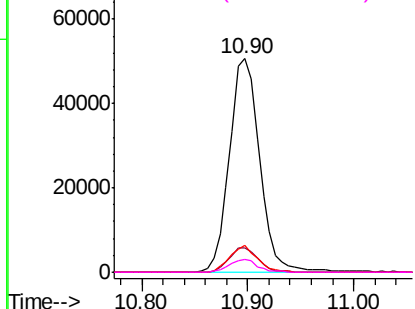
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038308.D
Acq: 3 Dec 2018 20:20

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGS

Tot Ion:	136	Resp:	100051
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	12.5	7.9	11.9#
68	6.0	4.8	7.2

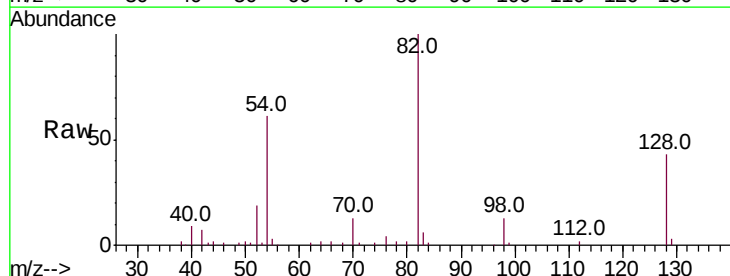


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

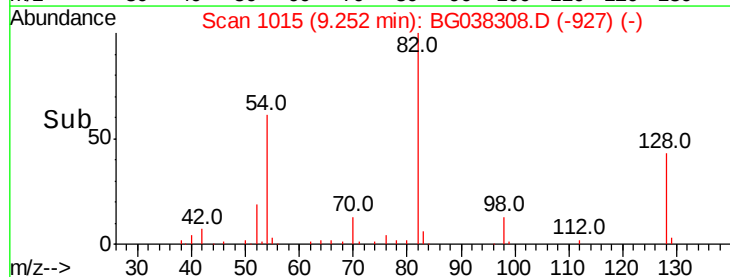
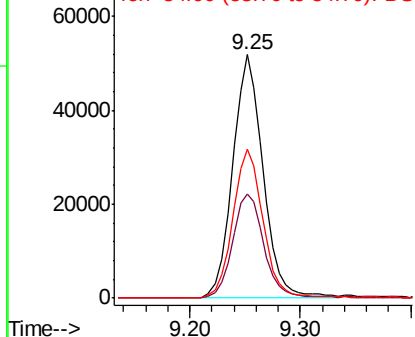


#23
Nitrobenzene-d5
Concen: 53.532 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038308.D
Acq: 3 Dec 2018 20:20

Tgt Ion:	82	Resp:	100054
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	61.0	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGS

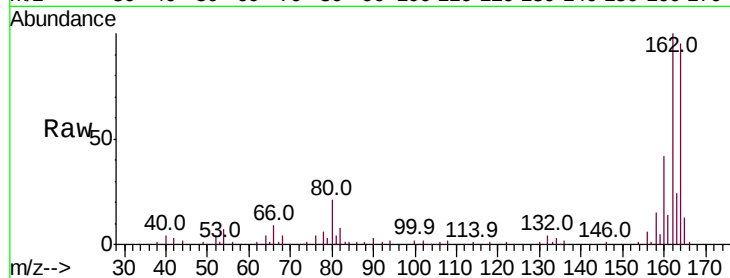
Tot Ion:164 Resp: 65501

Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

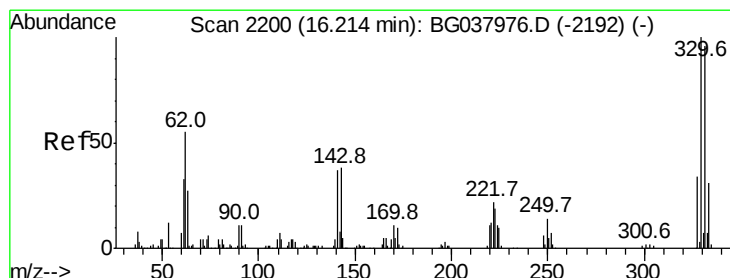
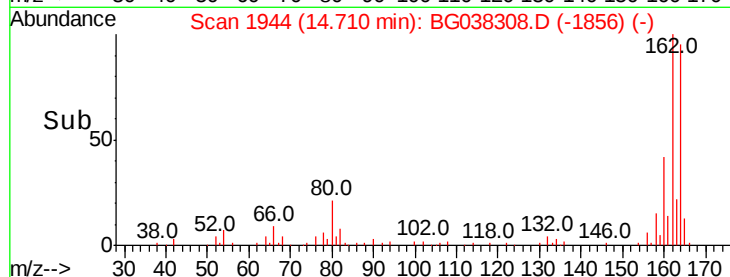
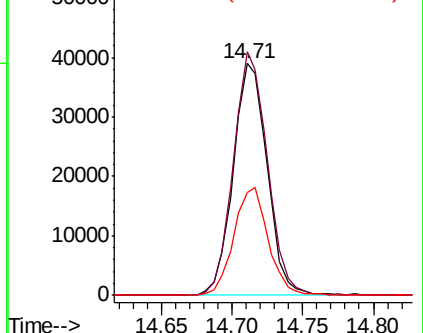
160 44.3 36.3 54.5



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: 82.246 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

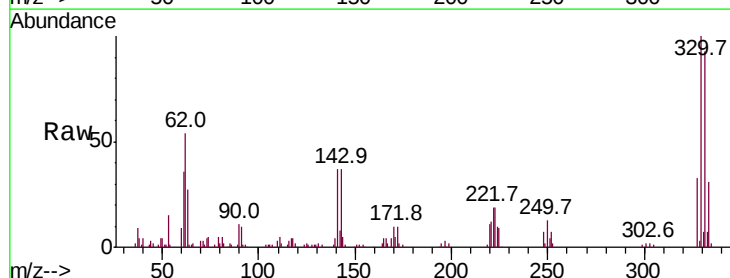
Tgt Ion:330 Resp: 61440

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

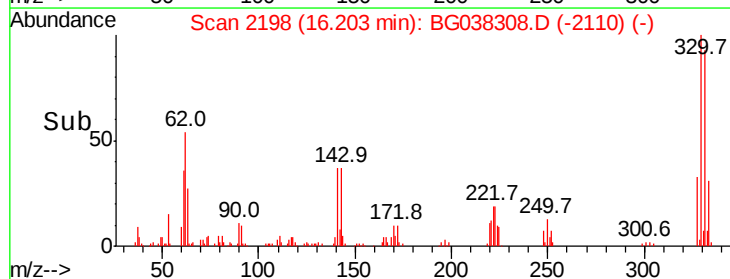
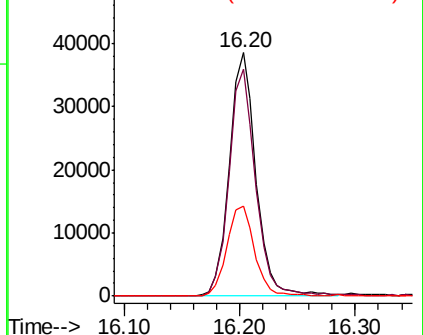
141 38.3 32.2 48.2



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



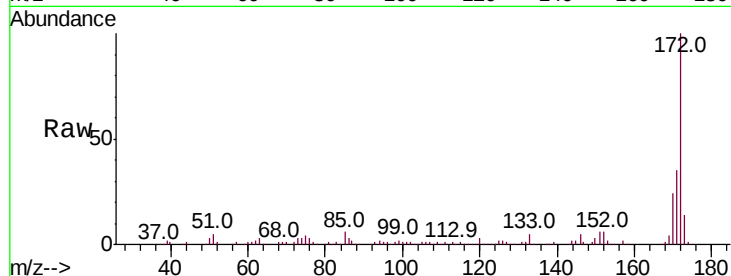


#45
 2-Fluorobiphenyl
 Concen: 49.749 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038308.D
 Acq: 3 Dec 2018 20:20

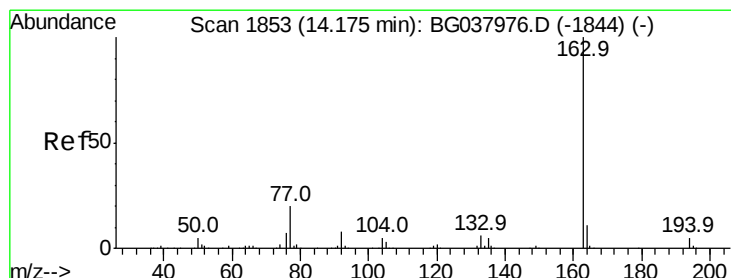
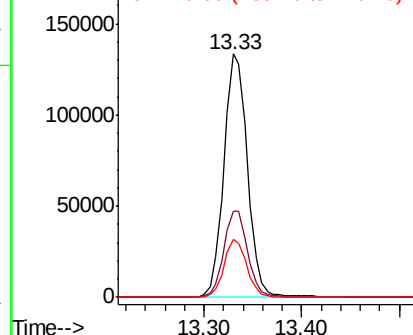
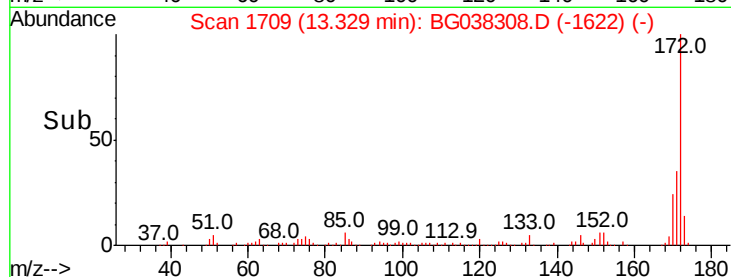
Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGS

Tot Ion:172 Resp: 223673

Ion	Ratio	Lower	Upper
172	100		
171	35.4	31.0	46.4
170	23.9	20.2	30.2



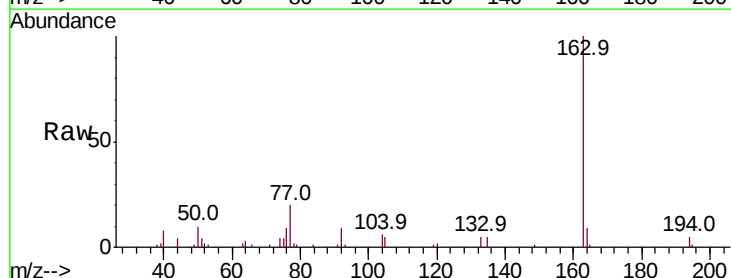
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



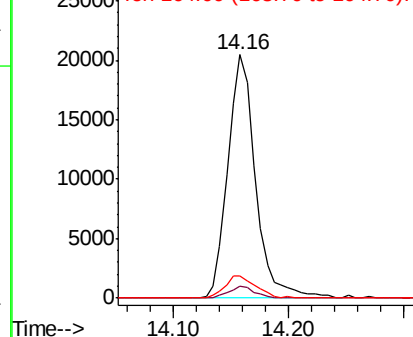
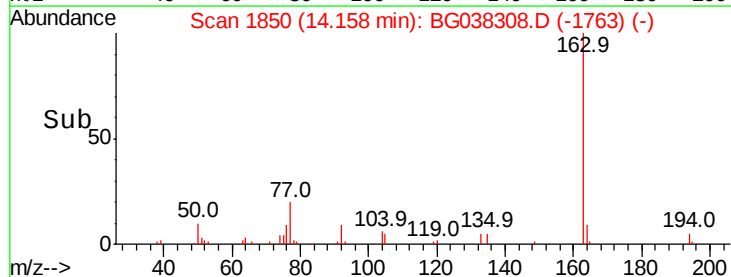
#50
 Dimethylphthalate
 Concen: 6.545 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BG038308.D
 Acq: 3 Dec 2018 20:20

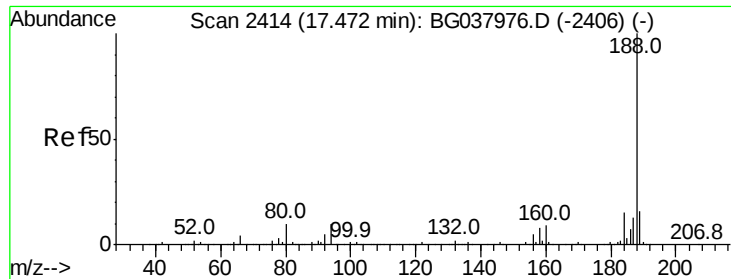
Tgt Ion:163 Resp: 33988

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	9.1	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGS

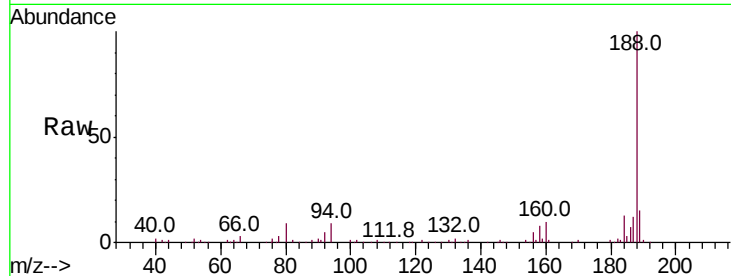
Tot Ion:188 Resp: 165296

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

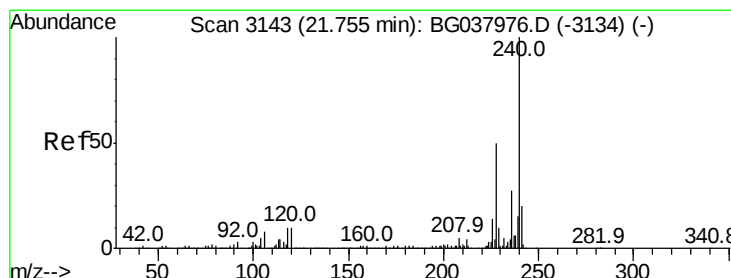
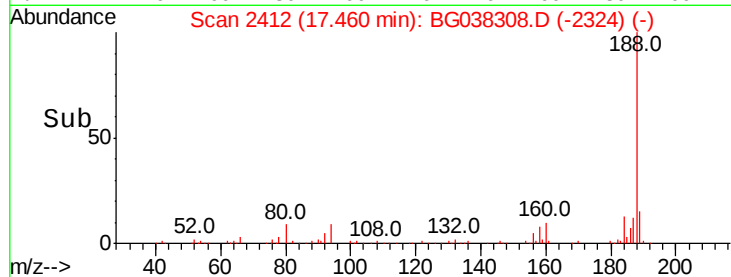
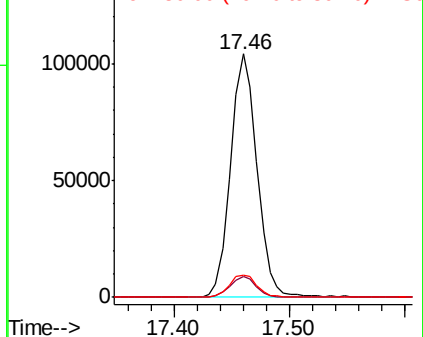
80 9.3 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

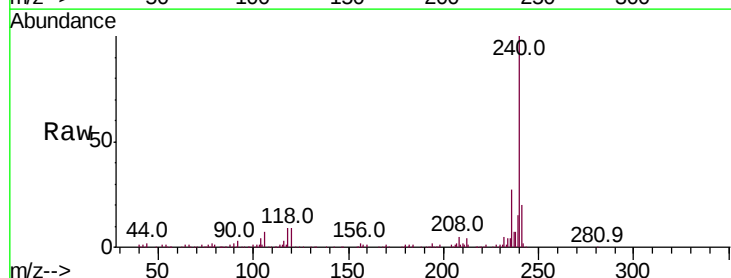
Tgt Ion:240 Resp: 191876

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

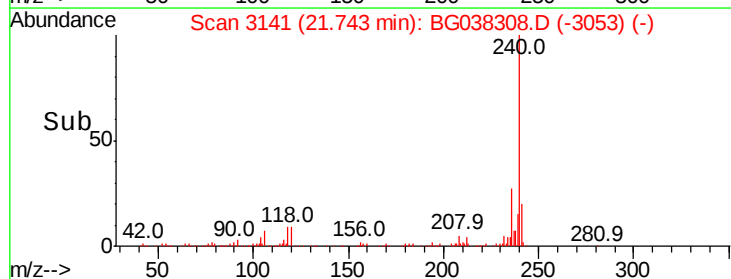
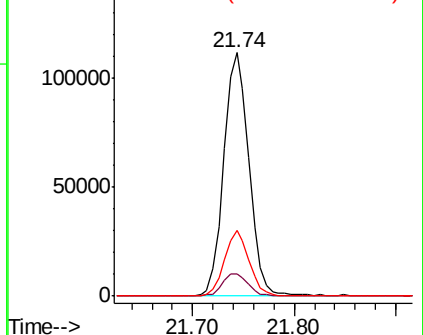
236 26.8 21.4 32.0

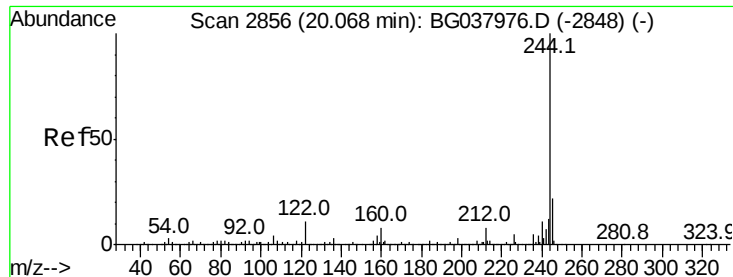


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.477 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGS

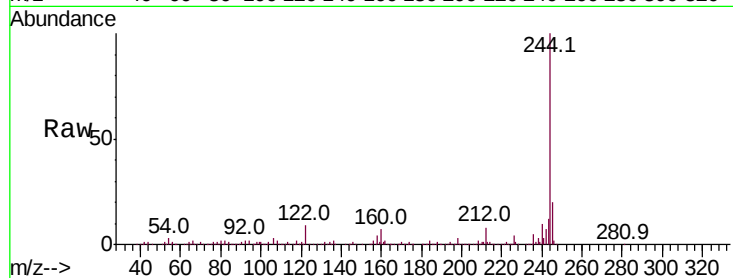
Tot Ion:244 Resp: 493161

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

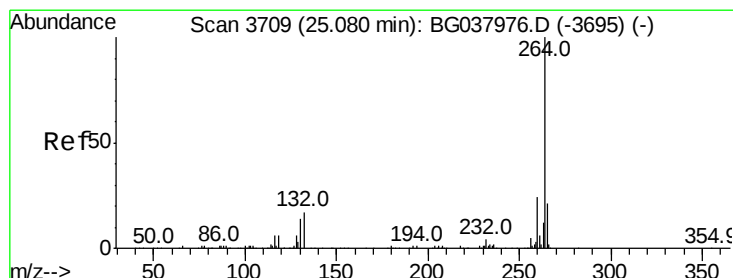
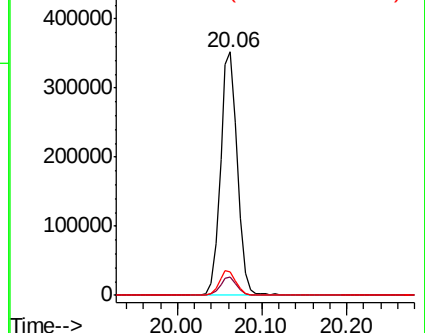
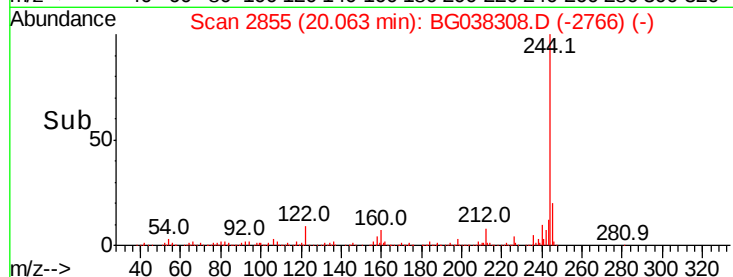
122 9.4 9.0 13.4



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: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

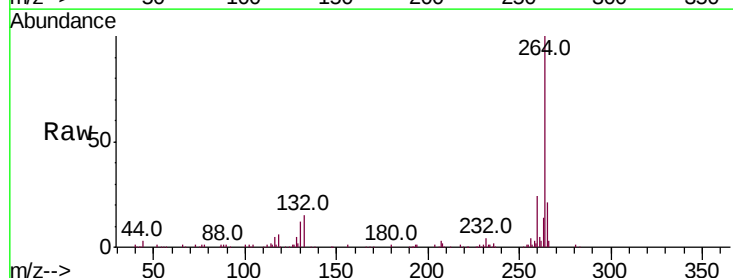
Tgt Ion:264 Resp: 198049

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 20.8 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

