

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
 Data File : BG038772.D
 Acq On : 20 Dec 2018 21:31
 Operator : JU/SJ
 Sample : J6388-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS009-0612-01

Quant Time: Dec 21 01:00:00 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

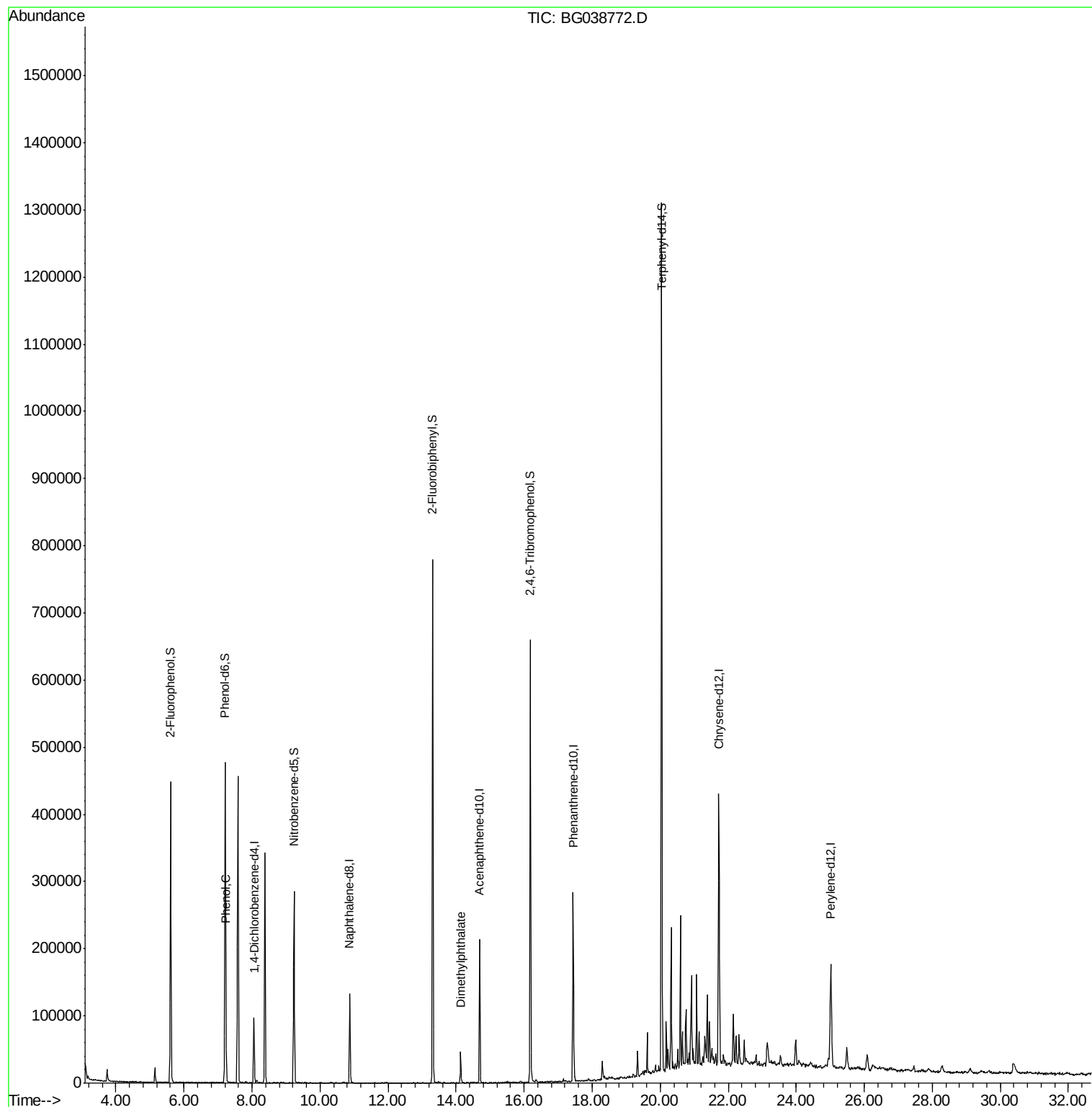
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28275	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	116495	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	77860	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	182955	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174462	20.00	ng	0.00
87) Perylene-d12	25.02	264	184282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	190855	119.72	ng	0.00
7) Phenol-d6	7.21	99	267788	122.36	ng	0.00
23) Nitrobenzene-d5	9.23	82	170185	74.63	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	138799	129.35	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	426504	75.15	ng	0.00
79) Terphenyl-d14	20.04	244	651859	81.32	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14660	6.305	ng	86
50) Dimethylphthalate	14.14	163	33865	5.326	ng	97

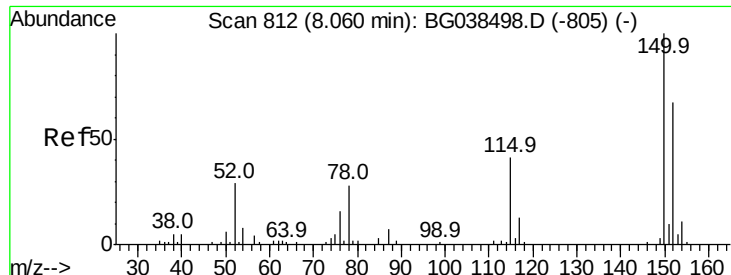
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038772.D

Acq: 20 Dec 2018 21:31

Instrument :

BNA_G

ClientSampleId :

P001-SS009-0612-01

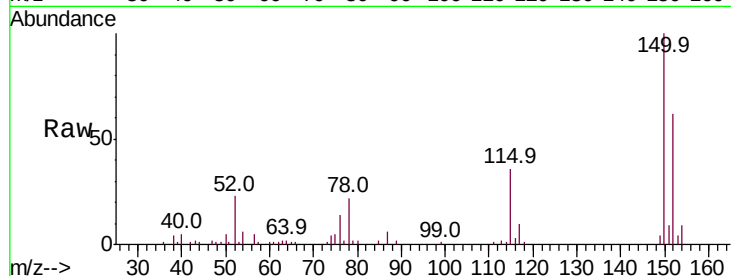
Tot Ion:152 Resp: 28275

Ion Ratio Lower Upper

152 100

150 160.6 119.5 179.3

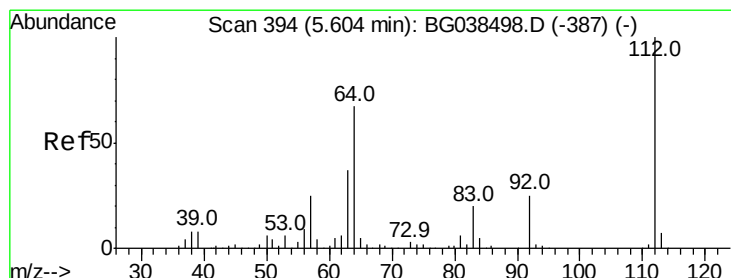
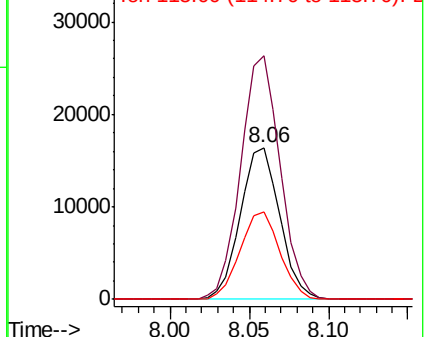
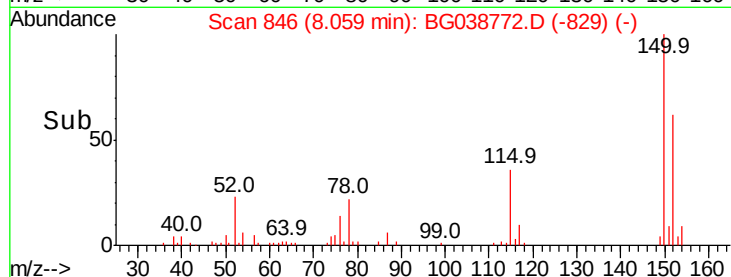
115 57.5 49.6 74.4



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: 119.721 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

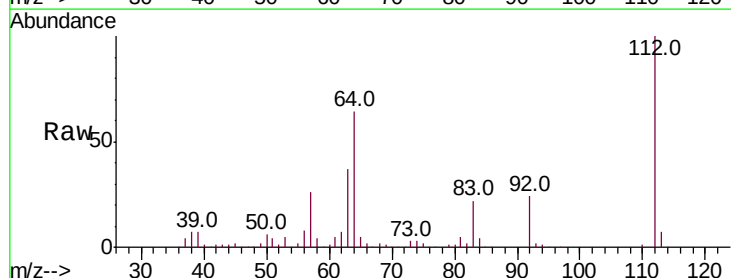
Tgt Ion:112 Resp: 190855

Ion Ratio Lower Upper

112 100

64 63.6 53.4 80.2

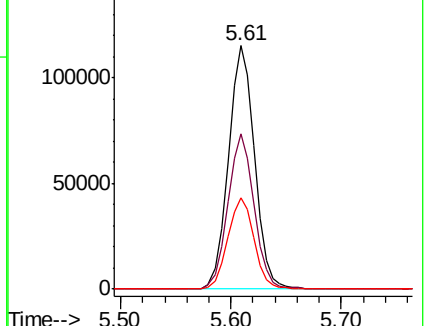
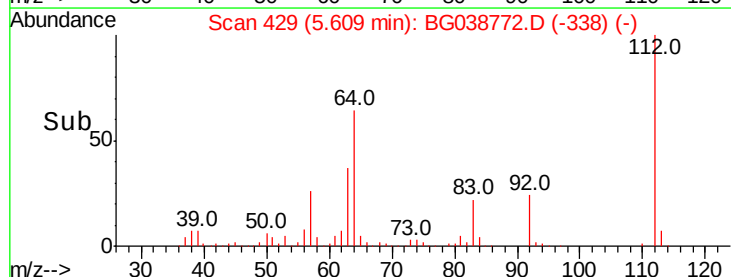
63 37.5 29.3 43.9

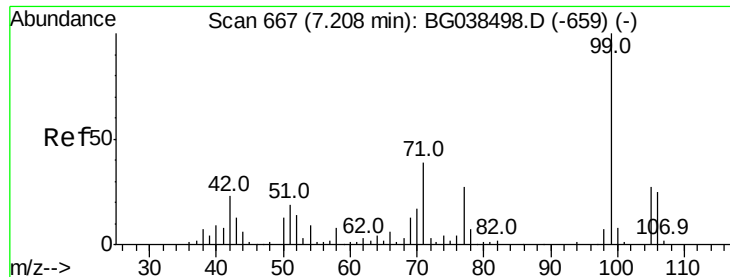


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 122.362 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

Instrument :

BNA_G

ClientSampleId :

P001-SS009-0612-01

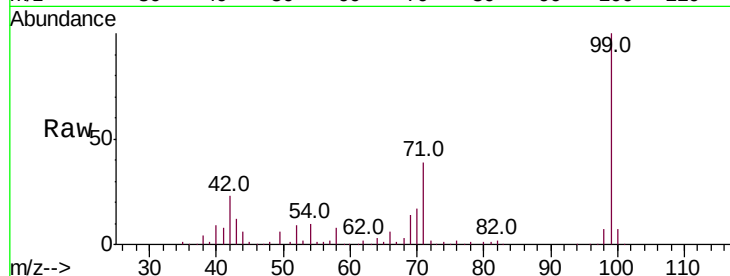
Tot Ion: 99 Resp: 267788

Ion Ratio Lower Upper

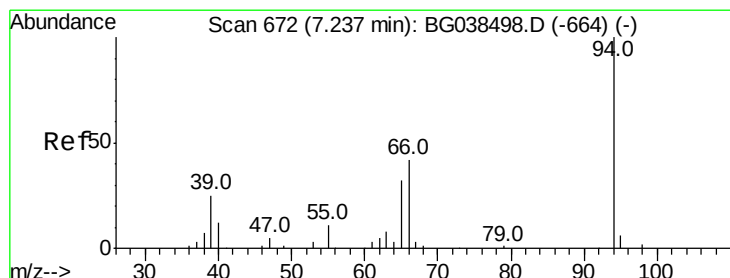
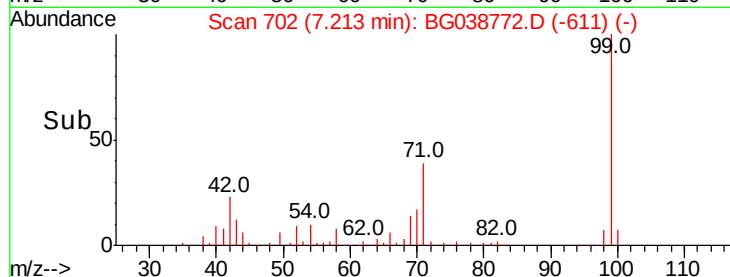
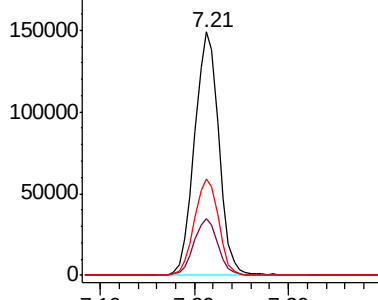
99 100

42 23.3 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: 6.305 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

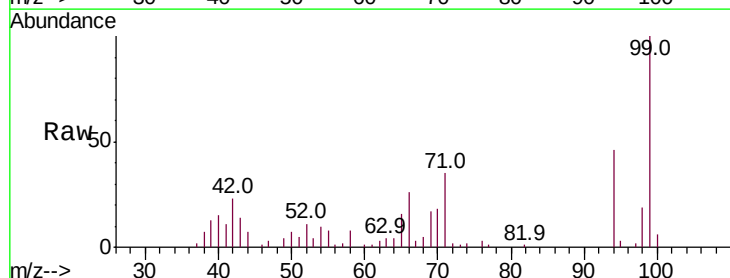
Tgt Ion: 94 Resp: 14660

Ion Ratio Lower Upper

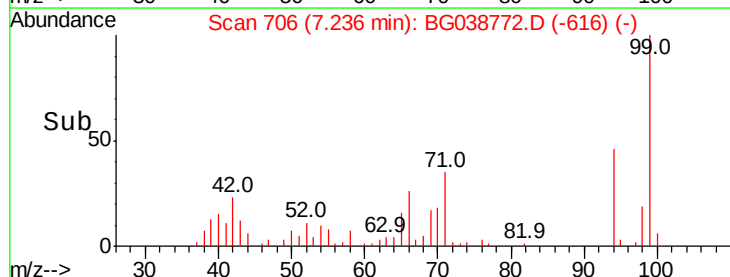
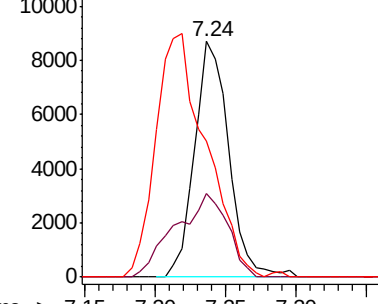
94 100

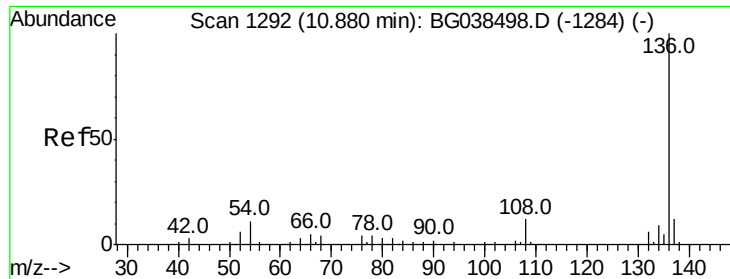
65 35.6 12.6 52.6

66 57.7 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

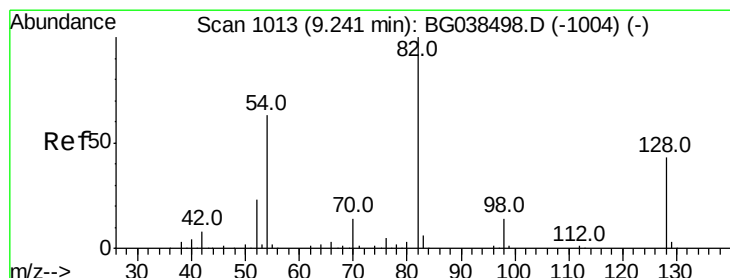
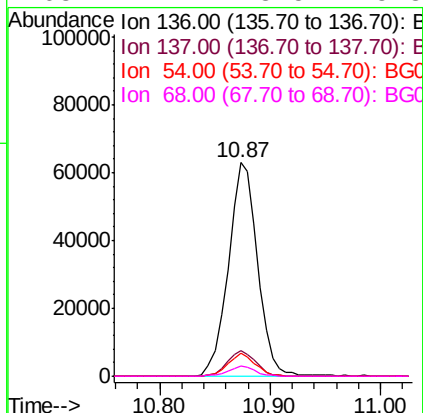
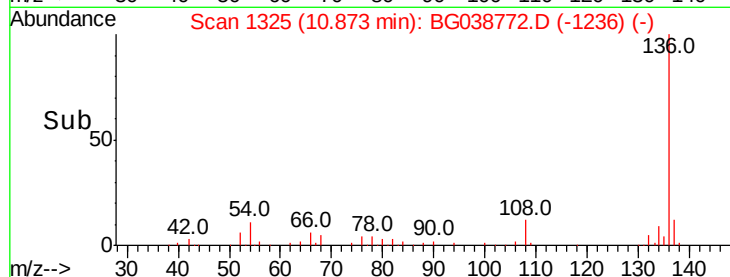
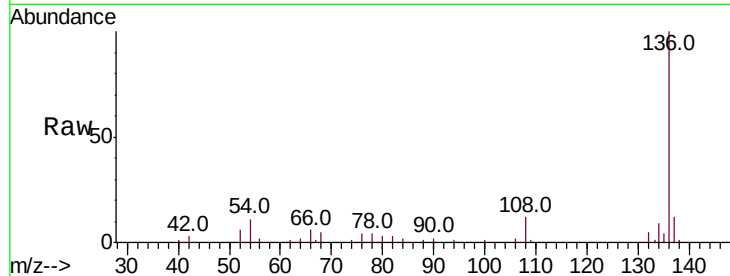




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038772.D
Acq: 20 Dec 2018 21:31

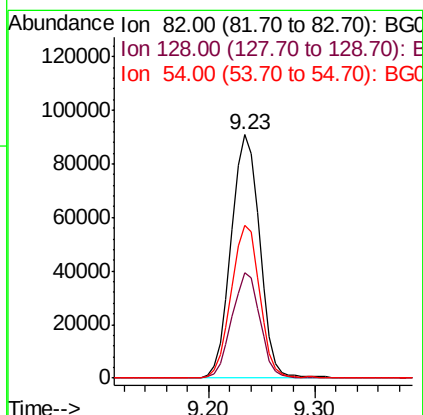
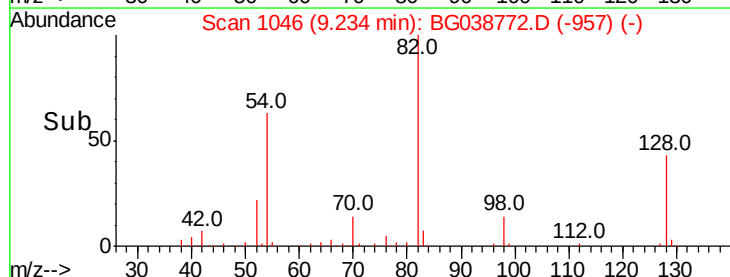
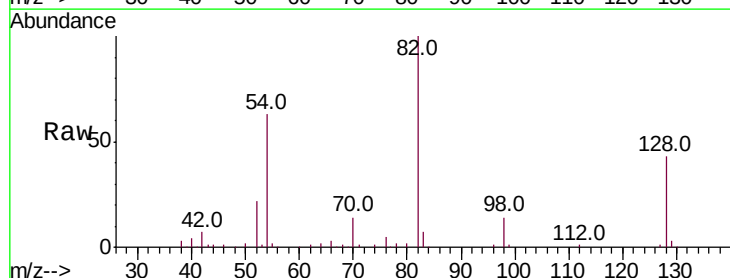
Instrument :
BNA_G
ClientSampleId :
P001-SS009-0612-01

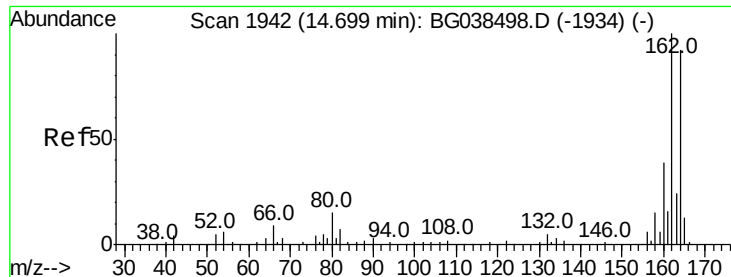
Tot Ion:	136	Resp:	116495
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	11.0	8.5	12.7
68	4.7	3.5	5.3



#23
Nitrobenzene-d5
Concen: 74.632 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038772.D
Acq: 20 Dec 2018 21:31

Tgt Ion:	82	Resp:	170185
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	62.8	50.6	76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

Instrument :

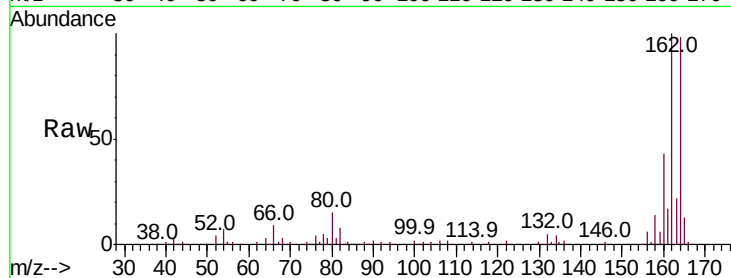
BNA_G

ClientSampleId :

P001-SS009-0612-01

Tot Ion:164 Resp: 77860

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.6	130.0
160	43.3	34.2	51.2

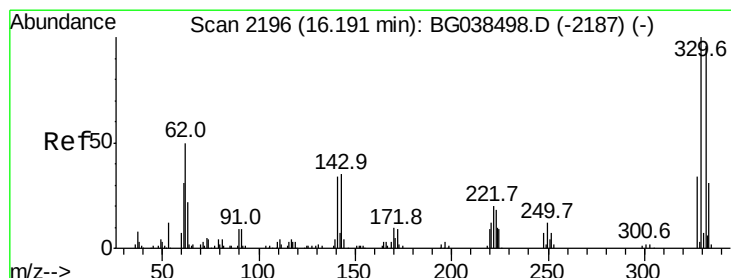
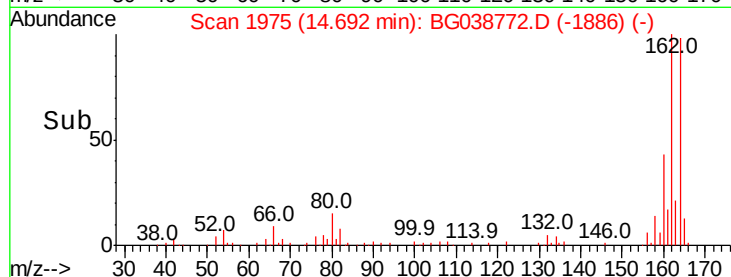
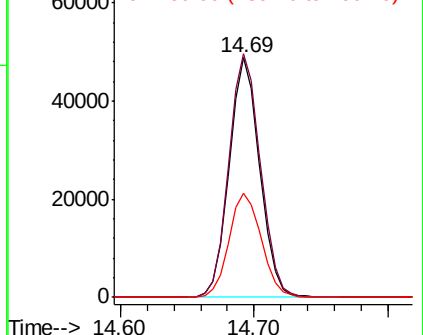


Abundance

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: 129.350 ng

RT: 16.18 min Scan# 2229

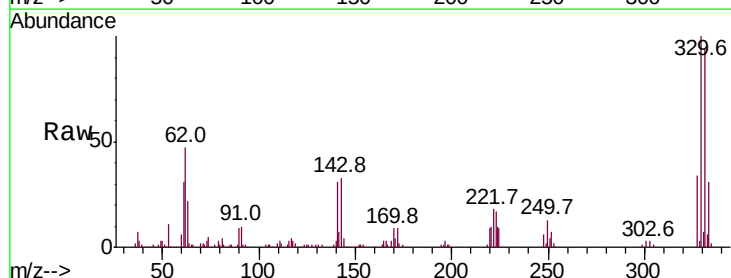
Delta R.T. -0.01 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

Tgt Ion:330 Resp: 138799

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.9	115.3
141	32.5	28.8	43.2

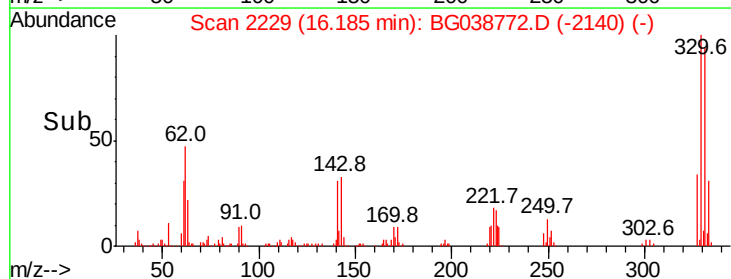
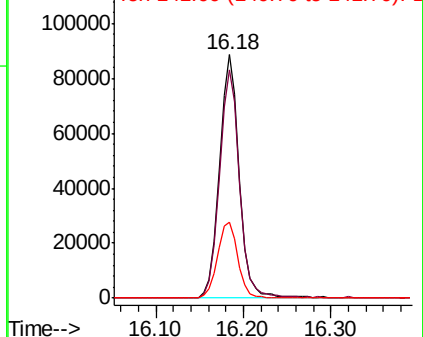


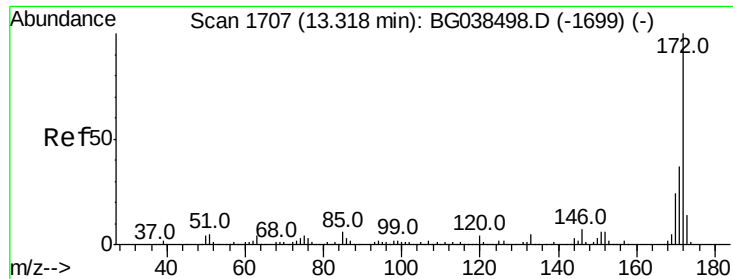
Abundance

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

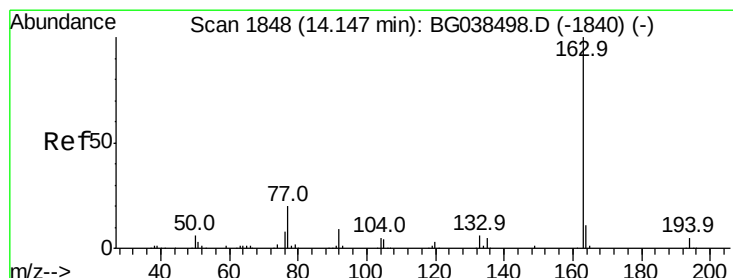
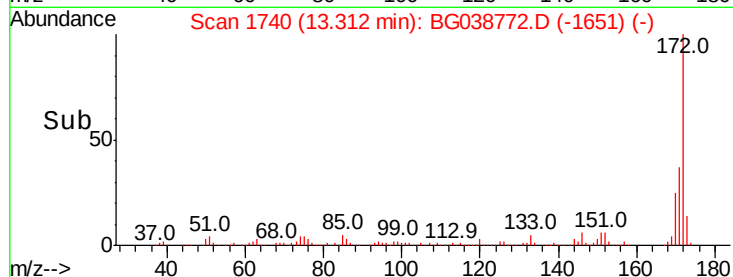
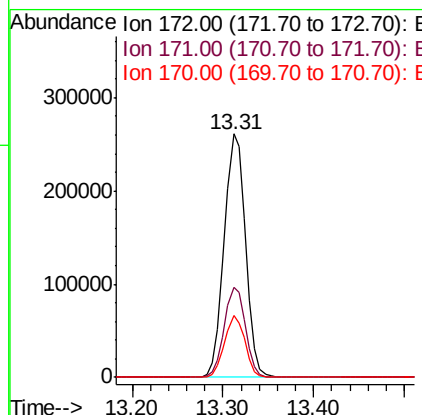
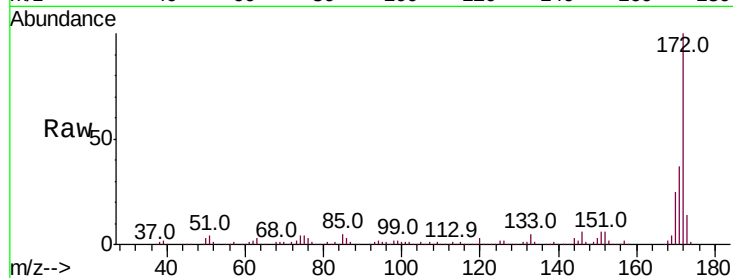




#45
 2-Fluorobiphenyl
 Concen: 75.148 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038772.D
 Acq: 20 Dec 2018 21:31

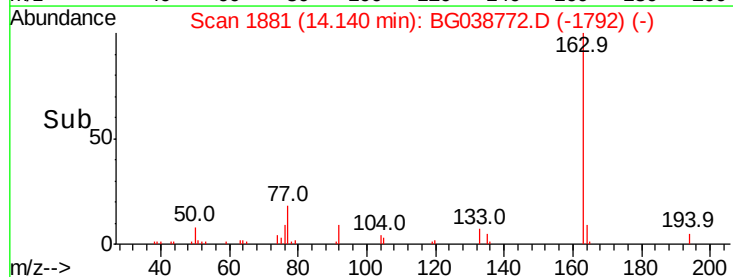
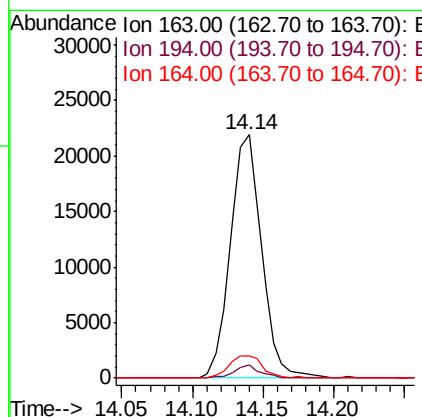
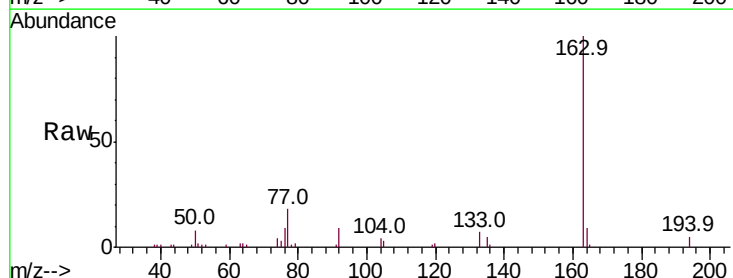
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS009-0612-01

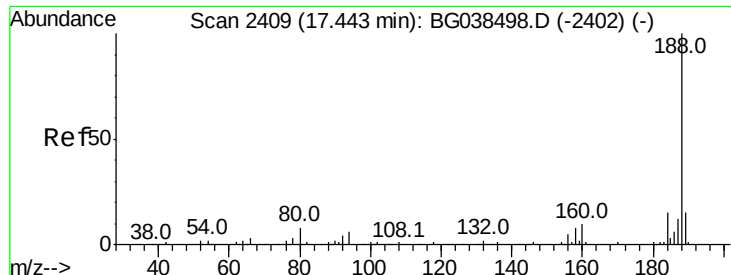
Tot Ion:	172	Resp:	426504
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.3	19.5	29.3



#50
 Dimethylphthalate
 Concen: 5.326 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038772.D
 Acq: 20 Dec 2018 21:31

Tgt Ion:	163	Resp:	33865
Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.7	5.5
164	9.3	8.6	12.8

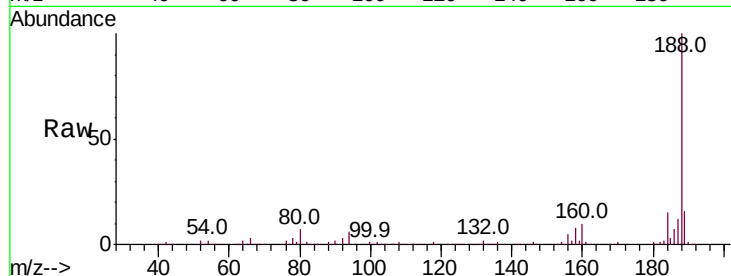




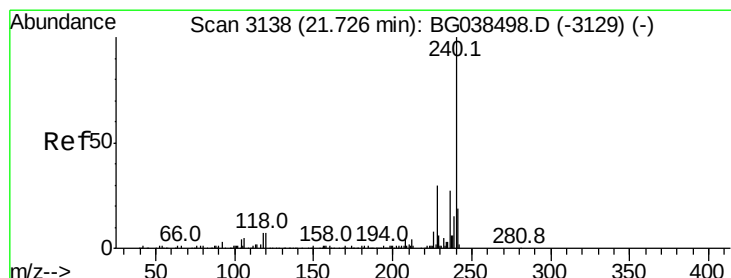
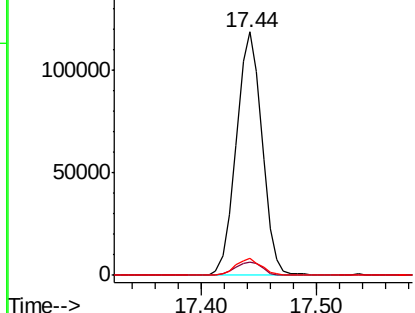
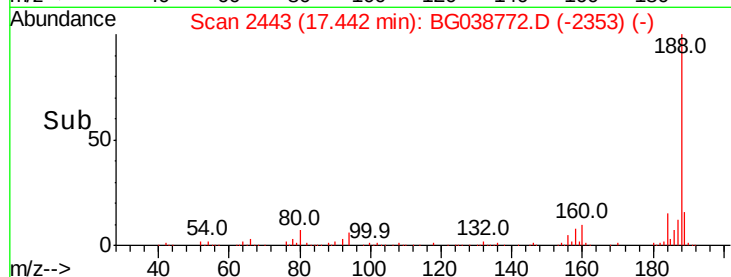
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038772.D
Acq: 20 Dec 2018 21:31

Instrument :
BNA_G
ClientSampleId :
P001-SS009-0612-01

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.1	7.7
80	7.0	6.1	9.1

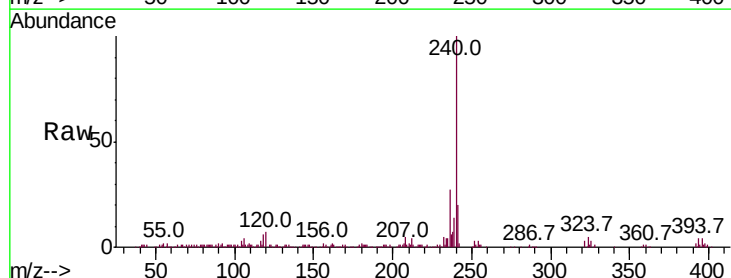


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

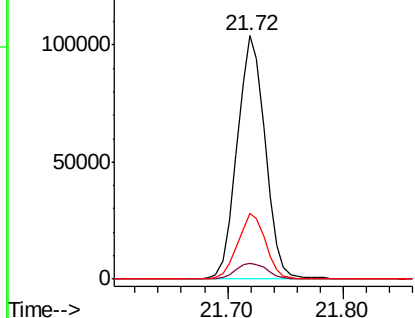
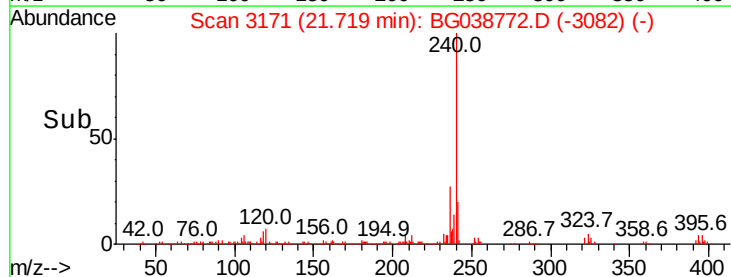


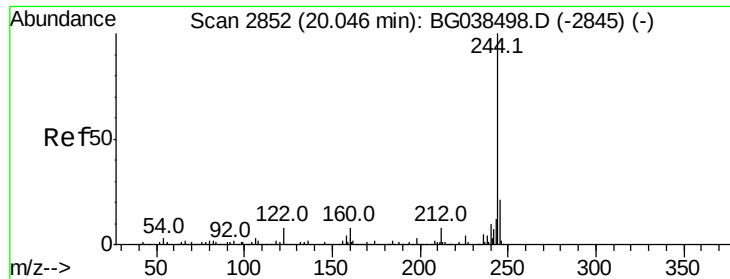
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038772.D
Acq: 20 Dec 2018 21:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.3	7.9
236	26.8	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: 81.316 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

Instrument :

BNA_G

ClientSampleId :

P001-SS009-0612-01

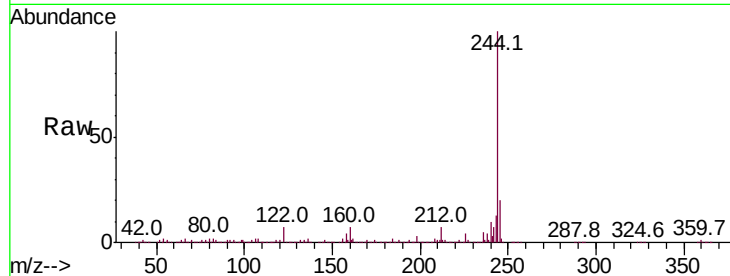
Tot Ion:244 Resp: 651859

Ion Ratio Lower Upper

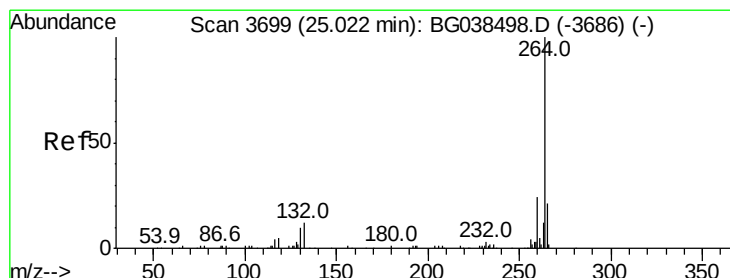
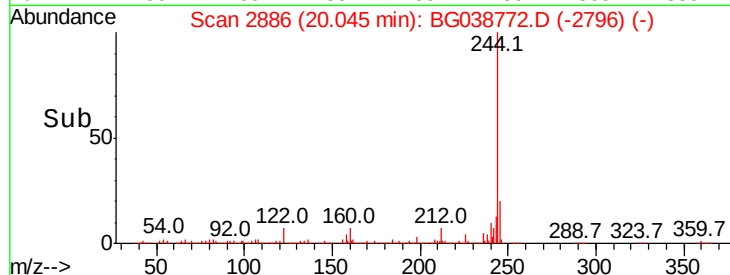
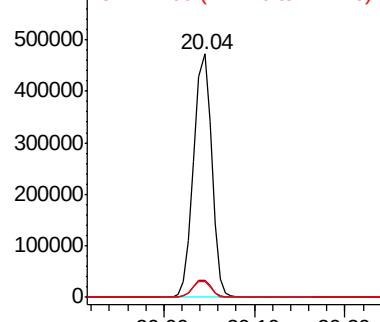
244 100

212 7.2 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: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

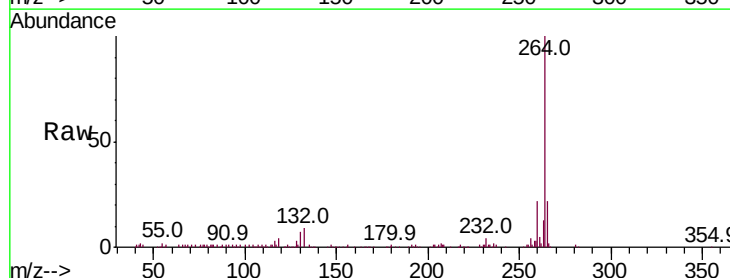
Tgt Ion:264 Resp: 184282

Ion Ratio Lower Upper

264 100

260 21.9 18.9 28.3

265 21.9 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

