

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043677.D
 Acq On : 18 Nov 2019 17:36
 Operator : JU
 Sample : K5804-01DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 01:39:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

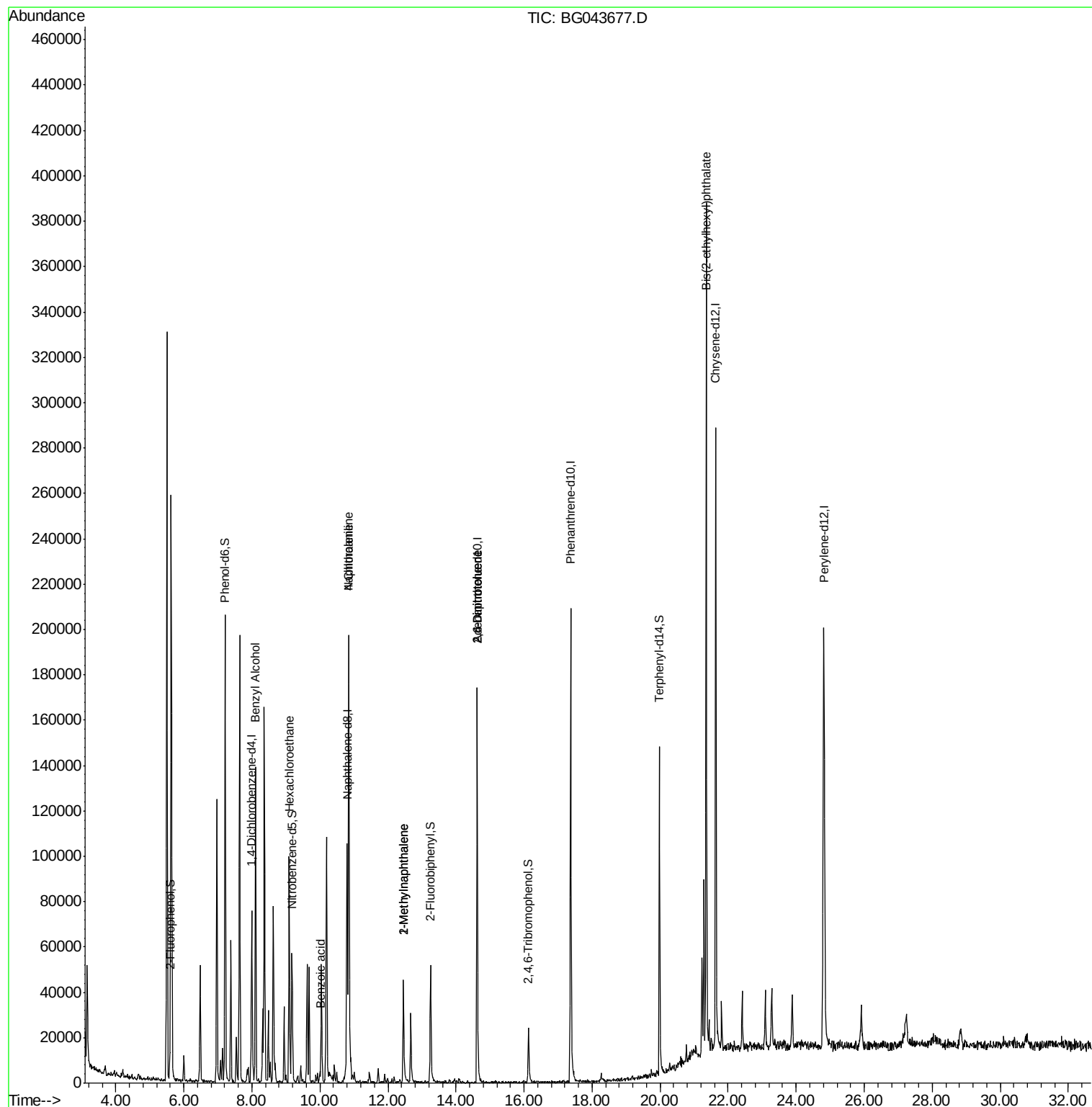
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	24303	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	93982	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	70081	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	169397	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	190214	20.00	ng	-0.02
87) Perylene-d12	24.82	264	221226	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	7218	5.44	ng	0.00
7) Phenol-d6	7.20	99	6270	3.29	ng	0.00
23) Nitrobenzene-d5	9.17	82	11042	6.06	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	7959	5.97	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	42507	8.38	ng	-0.02
79) Terphenyl-d14	19.98	244	91784	9.05	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.11	79	8305	6.197	ng	# 17
18) Hexachloroethane	9.10	117	13065	19.512	ng	# 1
31) Naphthalene	10.85	128	169875	35.610	ng	98
32) Benzoic acid	10.02	122	53	9.096	ng	98
33) 4-Chloroaniline	10.85	127	23193	11.861	ng	# 40
37) 2-Methylnaphthalene	12.46	142	28494	7.785	ng	96
38) 1-Methylnaphthalene	12.46	142	28494	8.182	ng	99
51) 2,6-Dinitrotoluene	14.62	165	9217	7.816	ng	# 25
57) 2,4-Dinitrotoluene	14.62	165	9217	5.469	ng	# 27
84) Bis(2-ethylhexyl)phthalate	21.35	149	164708	25.994	ng	# 51

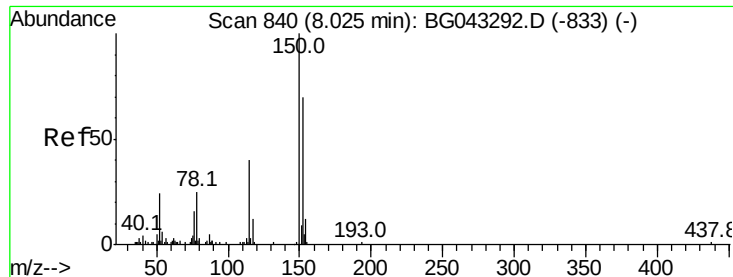
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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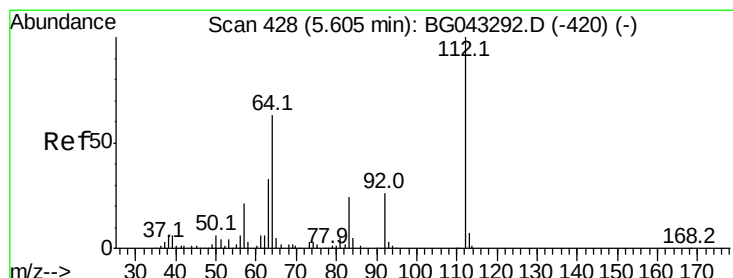
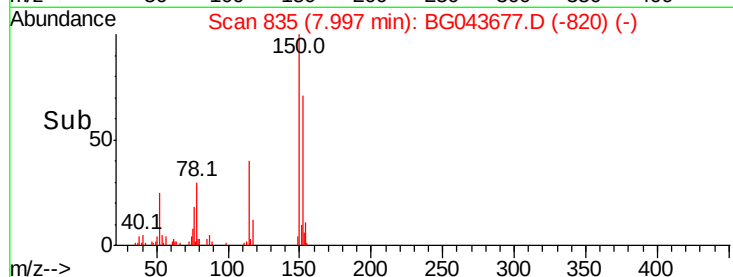
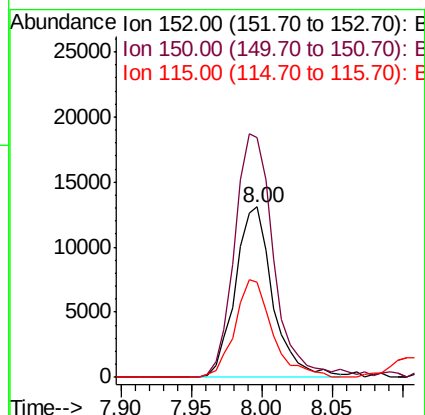
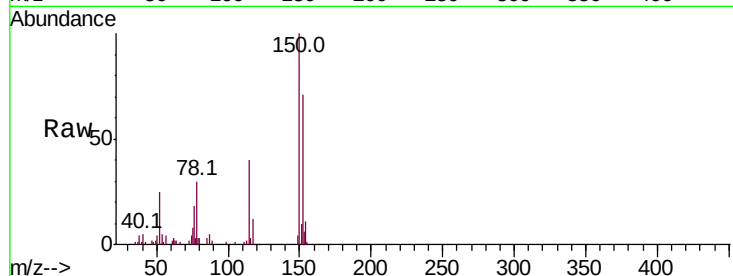


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Instrument :
BNA_G
ClientSampleId :

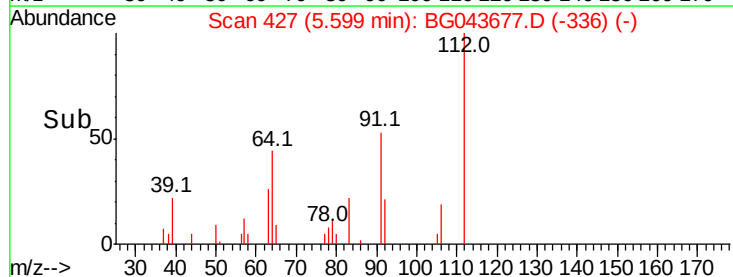
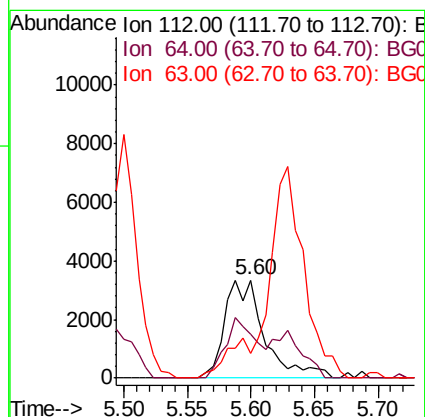
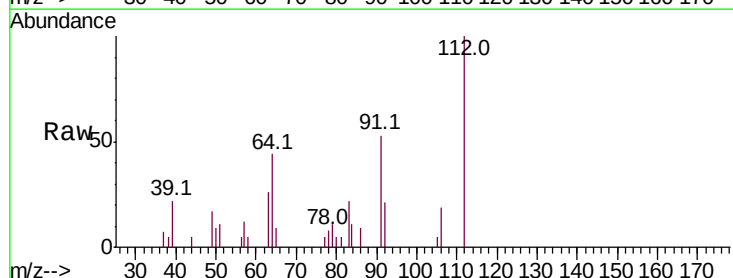
Tot Ion:152 Resp: 24303
Ion Ratio Lower Upper
152 100
150 141.1 129.4 194.0
115 55.9 48.8 73.2

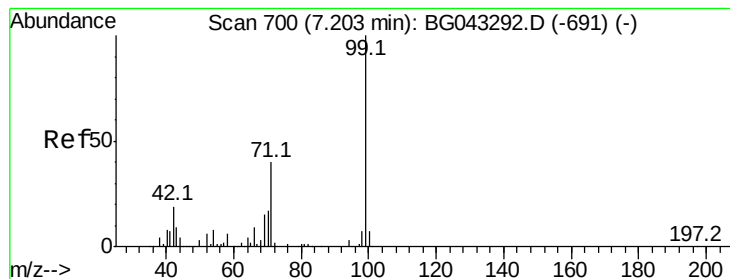


#5

2-Fluorophenol
Concen: 5.442 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:112 Resp: 7218
Ion Ratio Lower Upper
112 100
64 44.3 50.0 75.0#
63 25.6 26.6 40.0#





#7

Phenol-d6

Concen: 3.286 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043677.D

Acq: 18 Nov 2019 17:36

Instrument :

BNA_G

ClientSampleId :

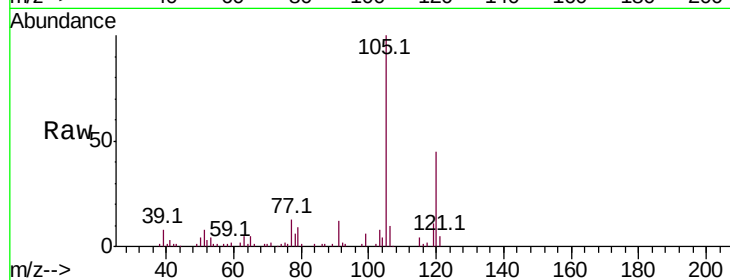
Tot Ion: 99 Resp: 6270

Ion Ratio Lower Upper

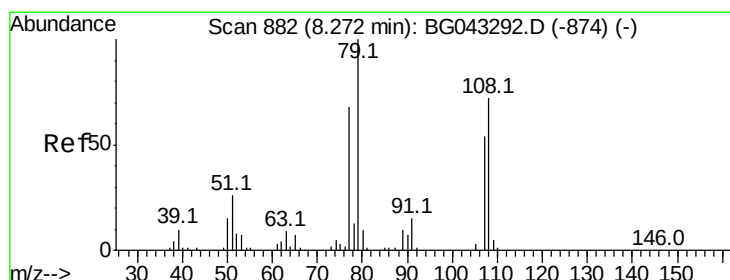
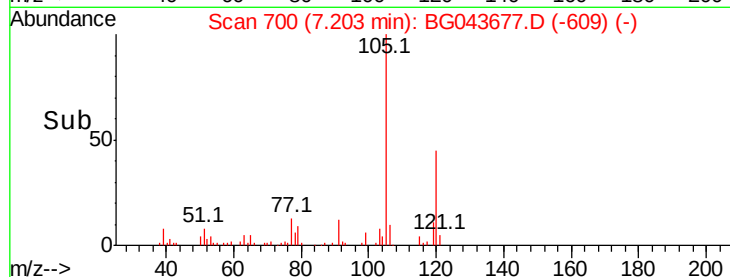
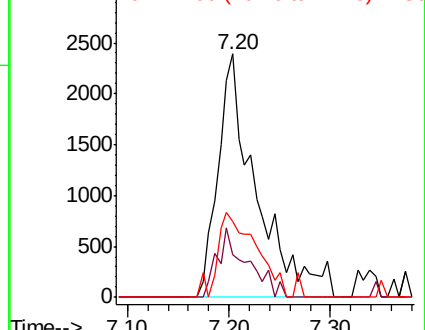
99 100

42 17.5 14.6 21.8

71 31.2 32.5 48.7#



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



#15

Benzyl Alcohol

Concen: 6.197 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.15 min

Lab File: BG043677.D

Acq: 18 Nov 2019 17:36

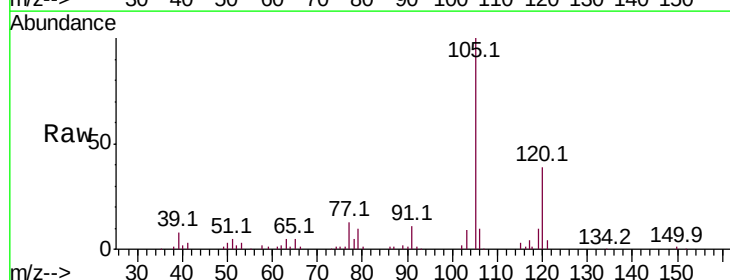
Tgt Ion: 79 Resp: 8305

Ion Ratio Lower Upper

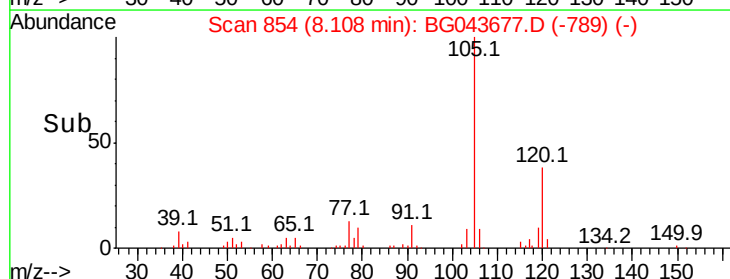
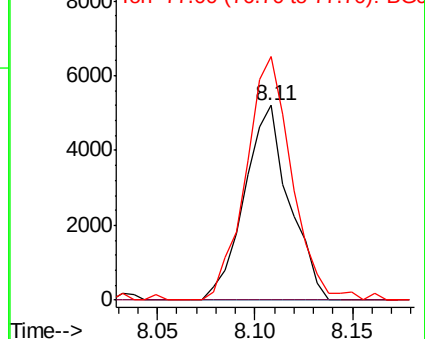
79 100

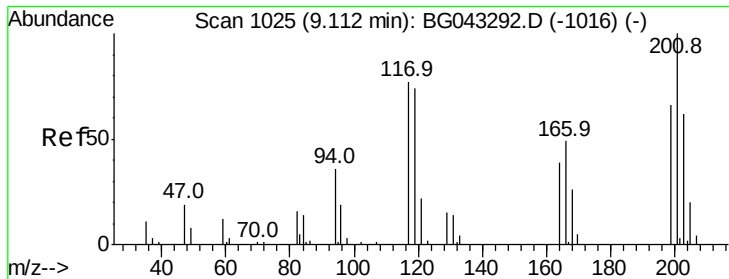
108 0.0 53.6 80.4#

77 125.1 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

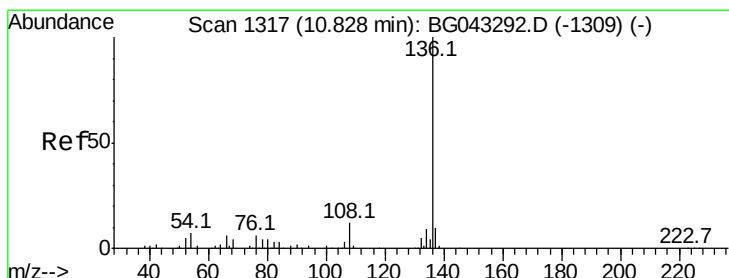
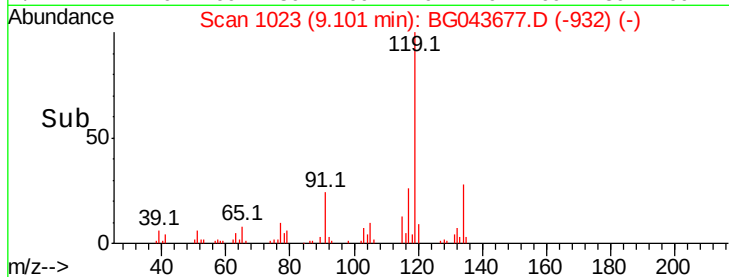
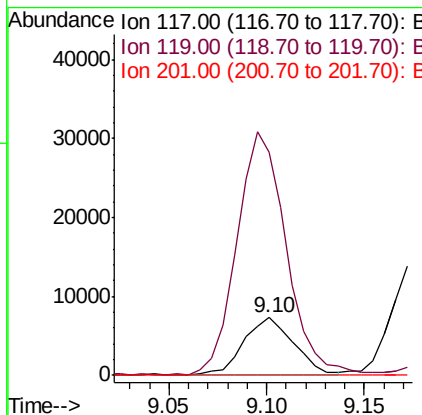
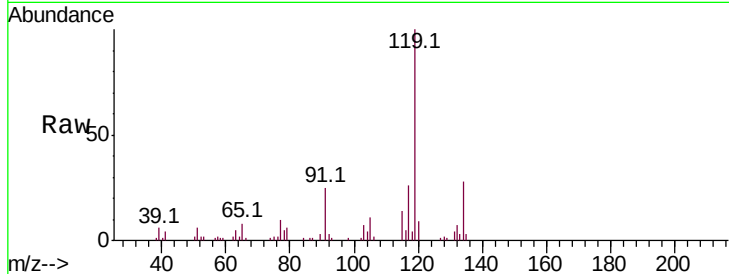




#18
Hexachloroethane
Concen: 19.512 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

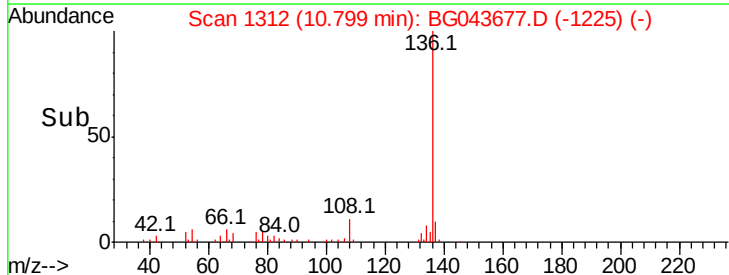
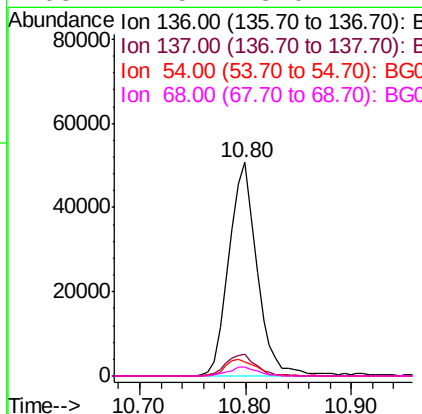
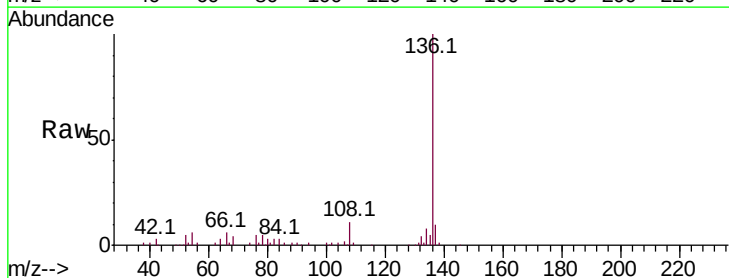
Instrument :
BNA_G
ClientSampleId :

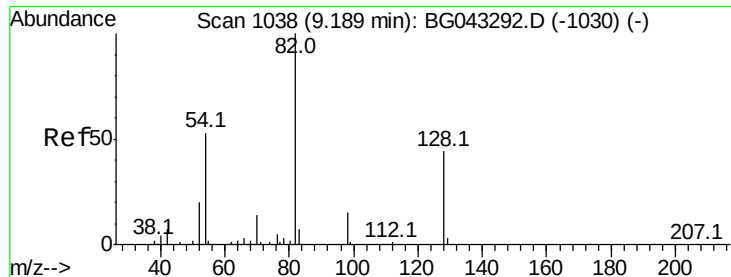
Tot Ion:117 Resp: 13065
Ion Ratio Lower Upper
117 100
119 384.6 79.0 118.4#
201 0.0 105.4 158.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:136 Resp: 93982
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 6.4 5.4 8.2
68 4.5 3.0 4.4#

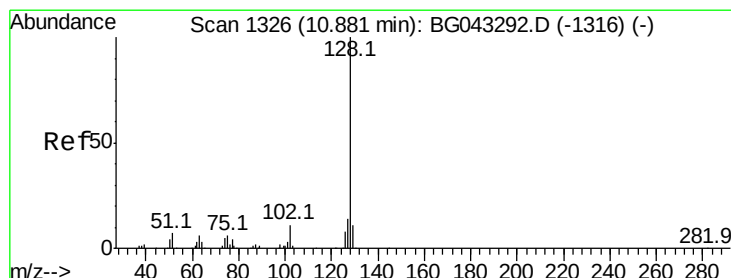
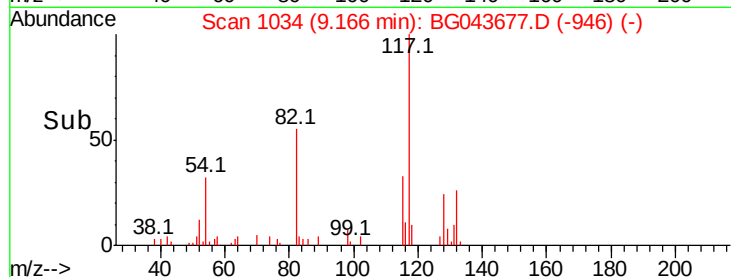
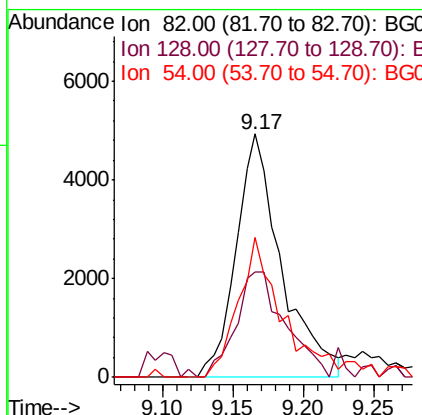
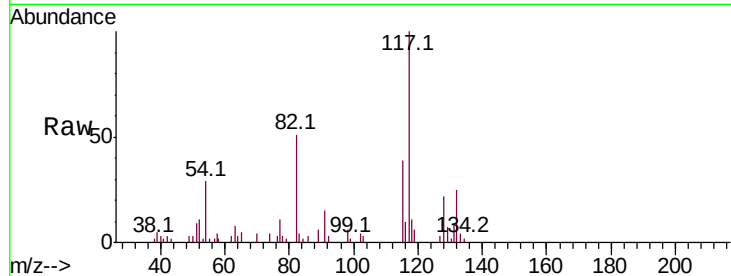




#23
Nitrobenzene-d5
Concen: 6.057 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

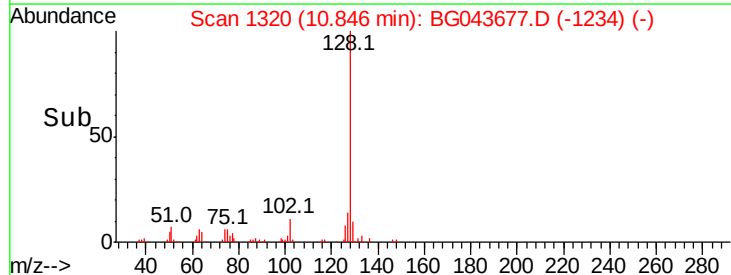
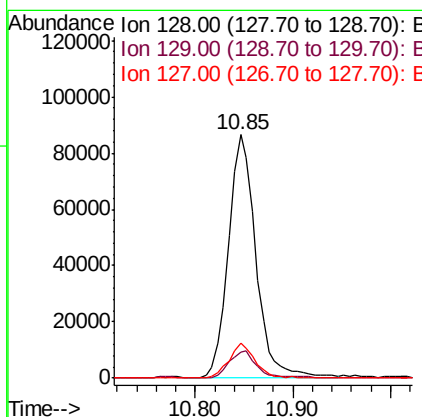
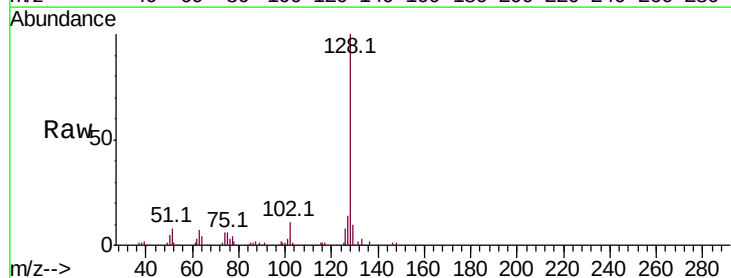
Instrument :
BNA_G
ClientSampleId :

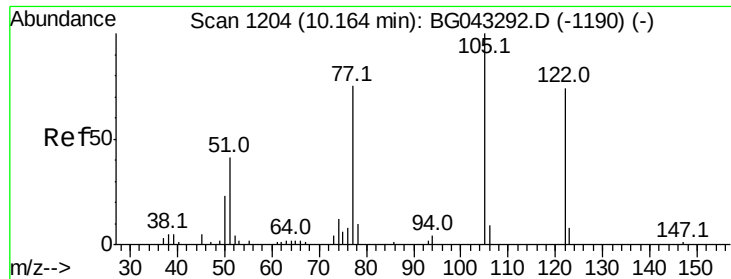
Tot Ion	82	Resp	11042
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.0	52.6
54	57.3	40.2	60.2



#31
Naphthalene
Concen: 35.610 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion	128	Resp	169875
Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.0
127	14.2	11.1	16.7

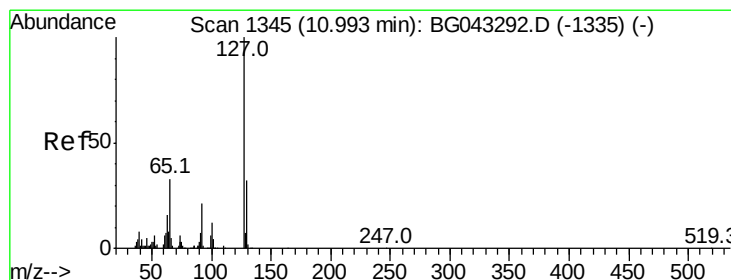
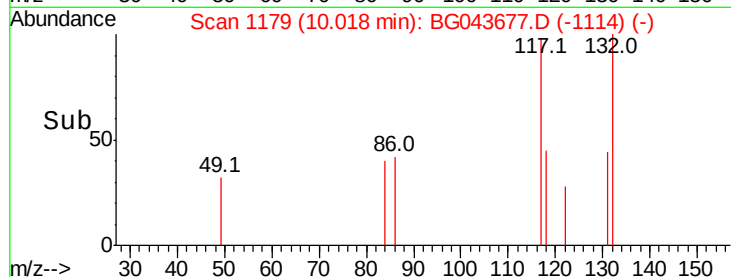
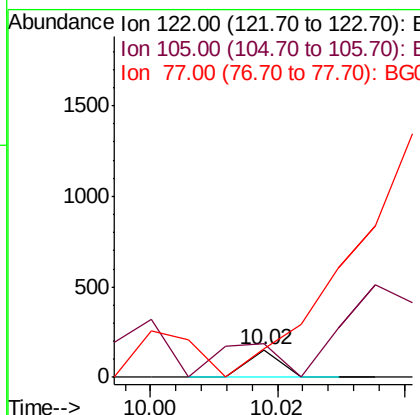
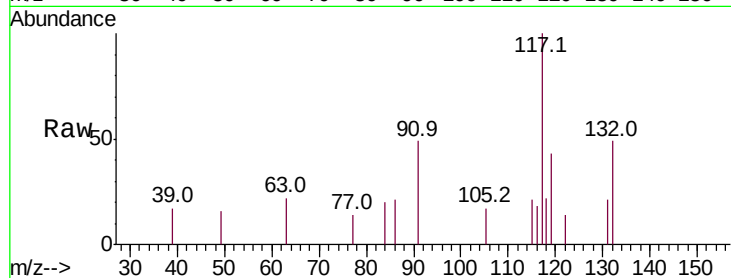




#32
Benzoic acid
Concen: 9.096 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.15 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

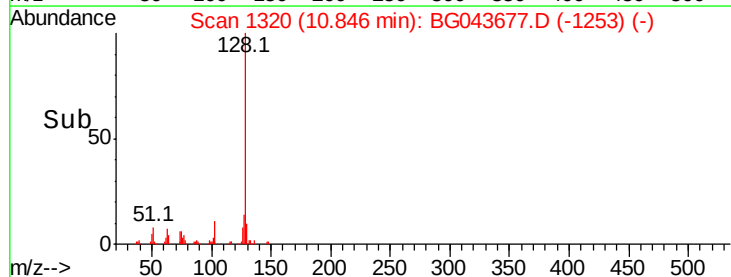
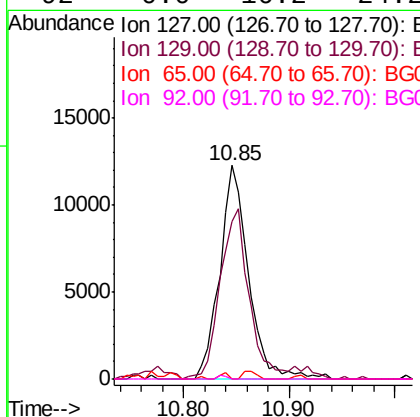
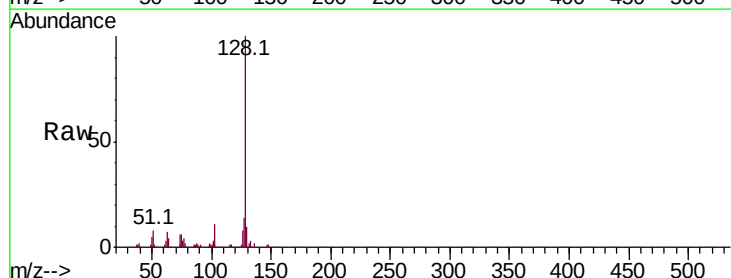
Instrument :
BNA_G
ClientSampleId :

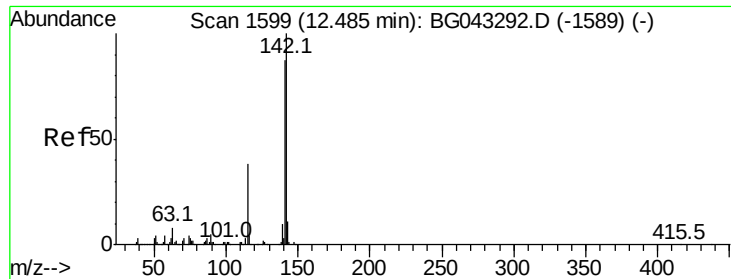
Tot Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 124.5 103.3 143.3
77 102.6 84.9 124.9



#33
4-Chloroaniline
Concen: 11.861 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.13 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:127 Resp: 23193
Ion Ratio Lower Upper
127 100
129 73.8 26.5 39.7#
65 0.0 26.4 39.6#
92 0.0 16.2 24.2#

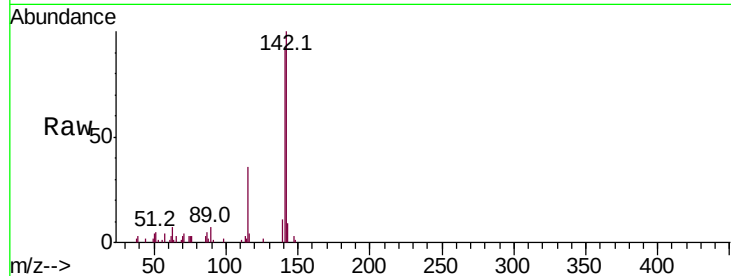




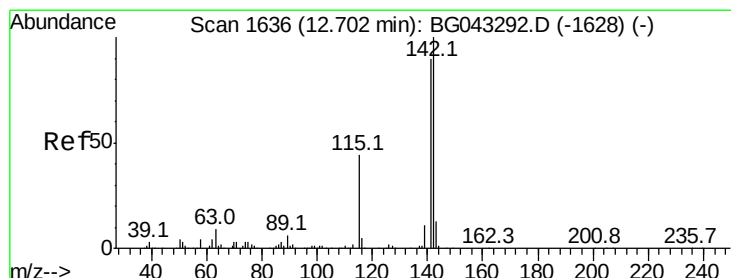
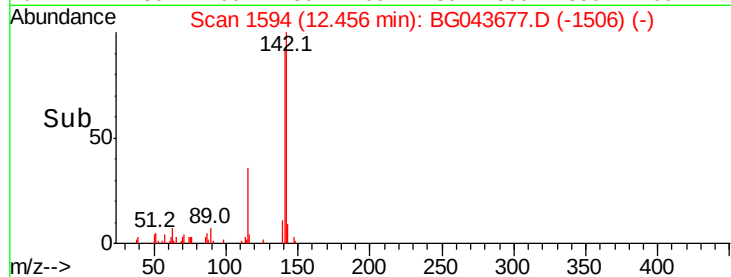
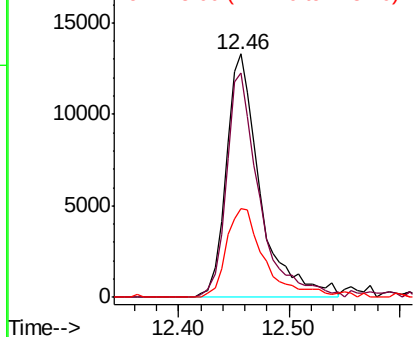
#37
2-Methylnaphthalene
Concen: 7.785 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.2	108.2
115	36.3	33.2	49.8

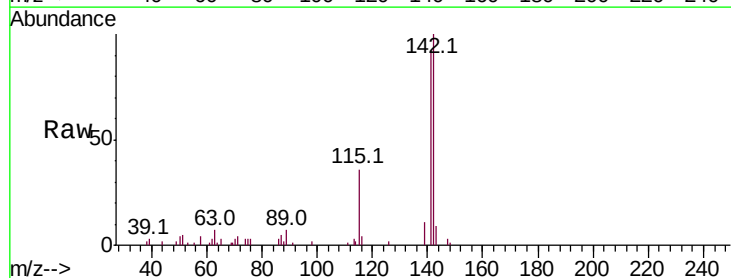


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

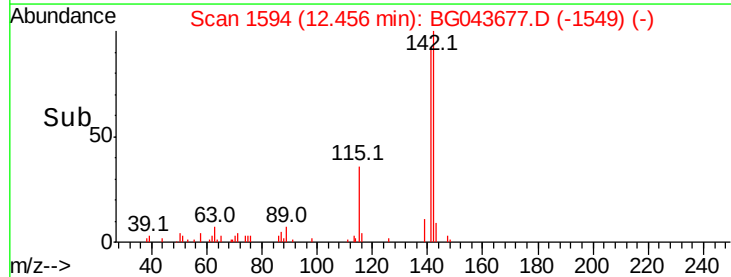
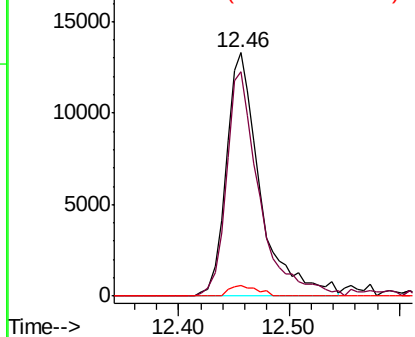


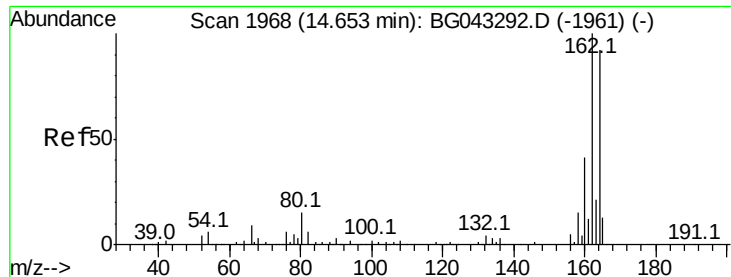
#38
1-Methylnaphthalene
Concen: 8.182 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.23 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.2	109.8
116	4.5	3.6	5.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043677.D

Acq: 18 Nov 2019 17:36

Instrument :

BNA_G

ClientSampleId :

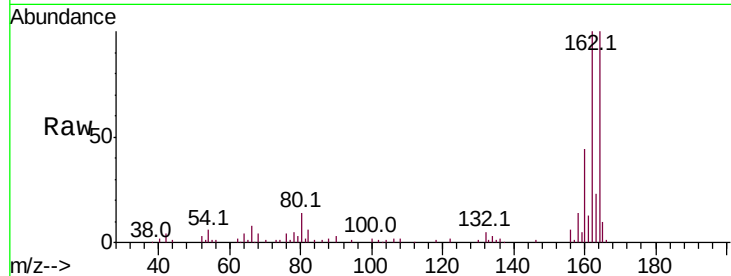
Tot Ion:164 Resp: 70081

Ion Ratio Lower Upper

164 100

162 100.4 83.5 125.3

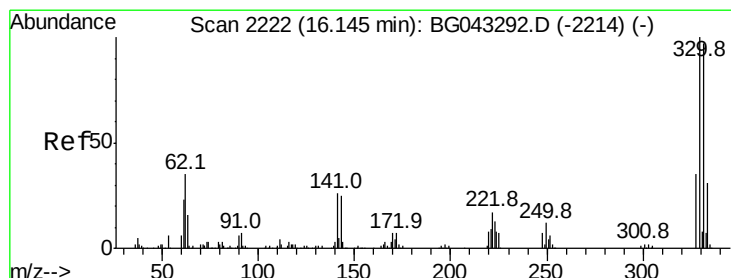
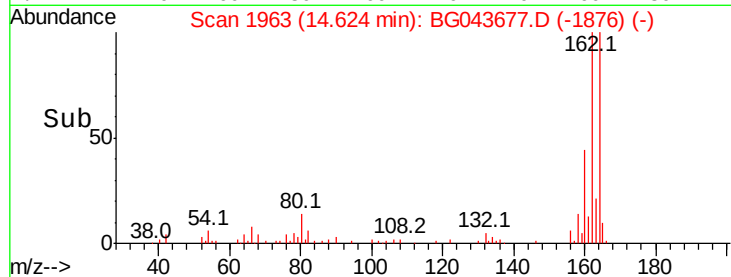
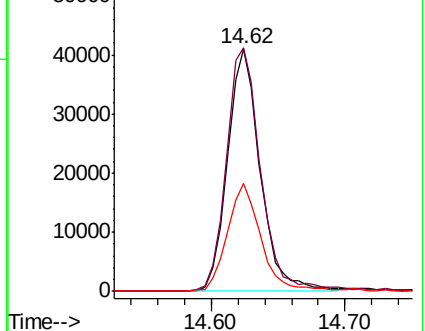
160 44.4 36.5 54.7



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: 5.968 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043677.D

Acq: 18 Nov 2019 17:36

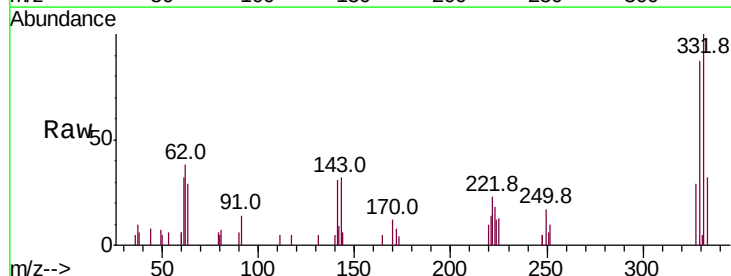
Tgt Ion:330 Resp: 7959

Ion Ratio Lower Upper

330 100

332 101.9 77.4 116.0

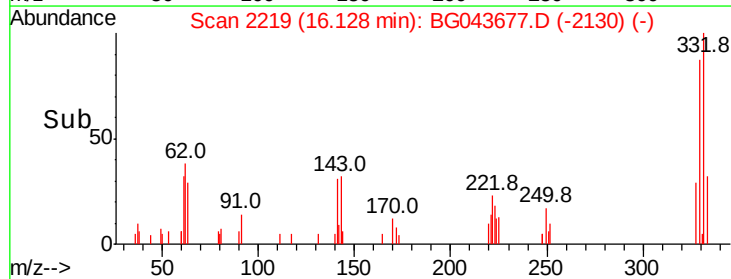
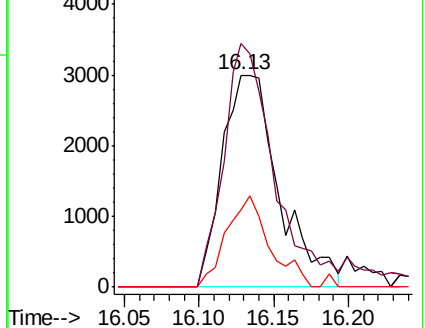
141 32.7 22.8 34.2

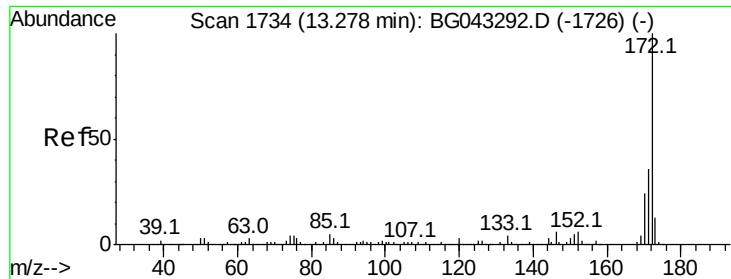


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

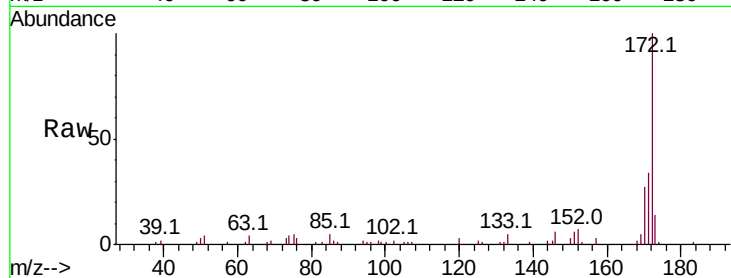




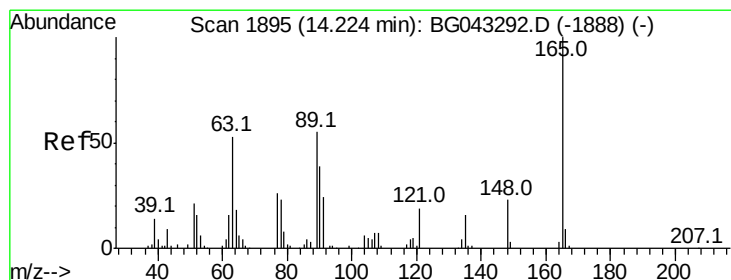
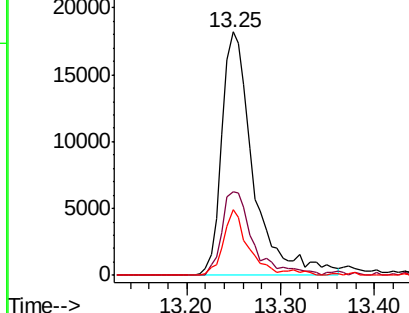
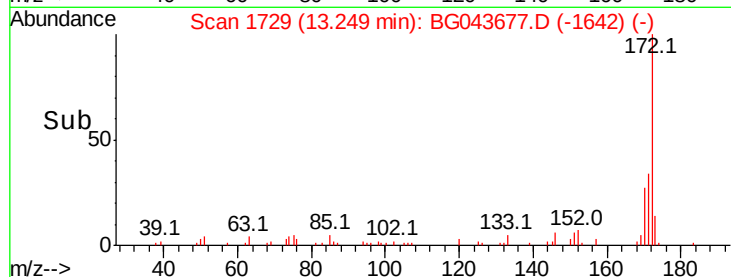
#45
 2-Fluorobiphenyl
 Concen: 8.381 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043677.D
 Acq: 18 Nov 2019 17:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.9	43.3
170	26.9	18.5	27.7

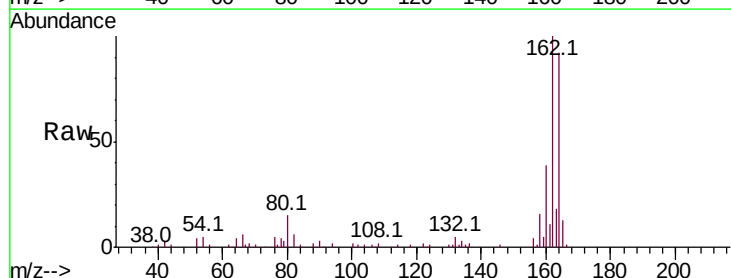


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

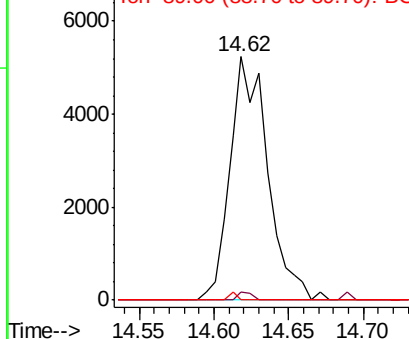
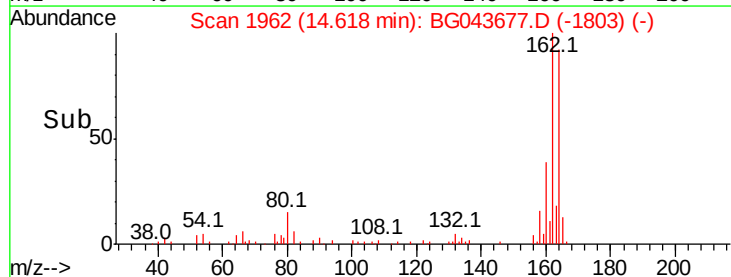


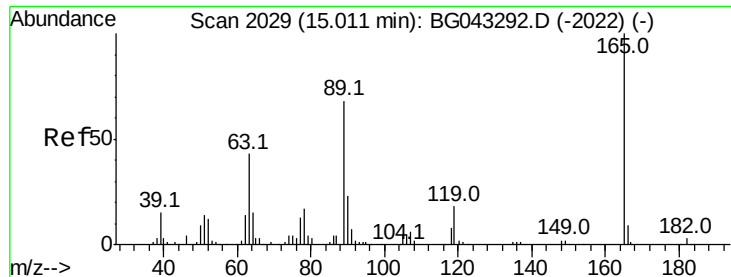
#51
 2,6-Dinitrotoluene
 Concen: 7.816 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. 0.41 min
 Lab File: BG043677.D
 Acq: 18 Nov 2019 17:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.3	46.6	69.8#
89	0.0	45.1	67.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

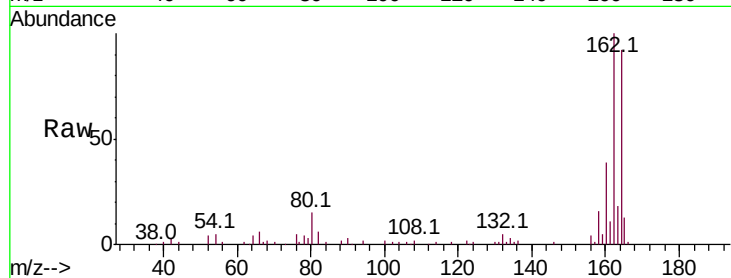




#57
 2,4-Dinitrotoluene
 Concen: 5.469 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.39 min
 Lab File: BG043677.D
 Acq: 18 Nov 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	9217
Ion Ratio	Lower	Upper
165	100	
63	3.3	33.2 49.8#
89	0.0	52.2 78.4#
182	0.0	2.0 3.0#

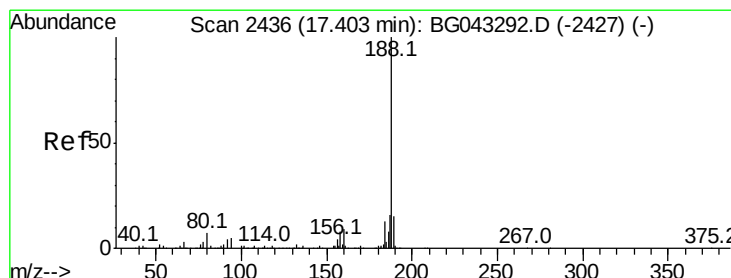
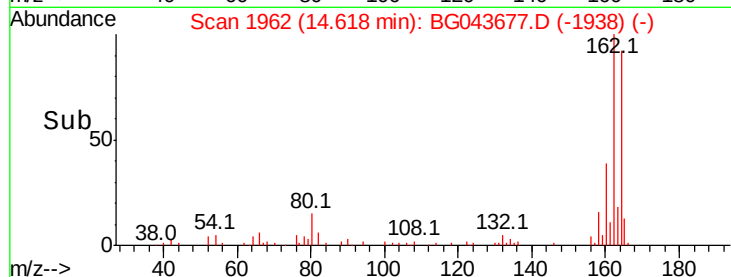
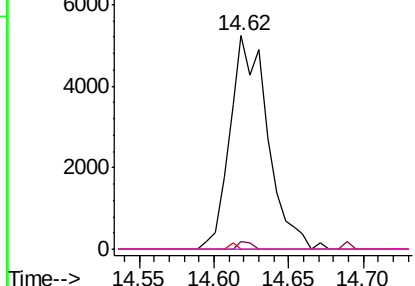


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

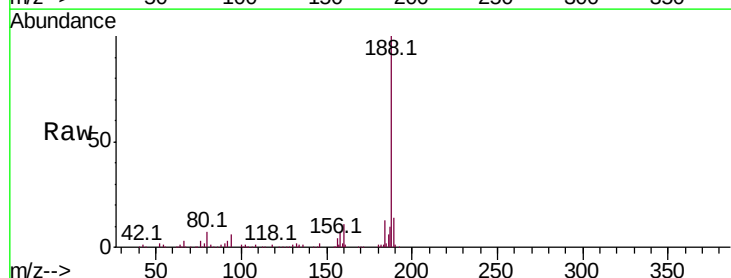
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BG043677.D
 Acq: 18 Nov 2019 17:36

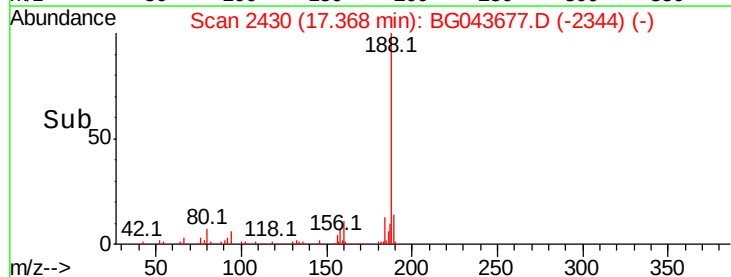
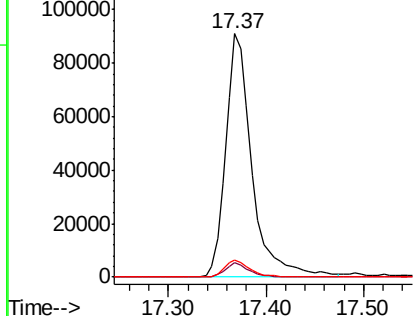
Tgt Ion:188	Resp:	169397
Ion Ratio	Lower	Upper
188	100	
94	6.2	4.2 6.4
80	7.2	4.5 6.7#

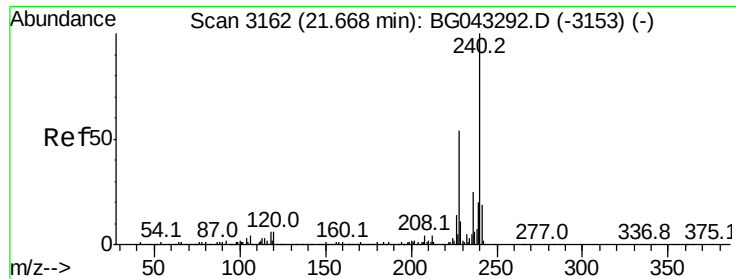


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.63 min Scan# 3156

Delta R.T. -0.02 min

Lab File: BG043677.D

Acq: 18 Nov 2019 17:36

Instrument :

BNA_G

ClientSampled :

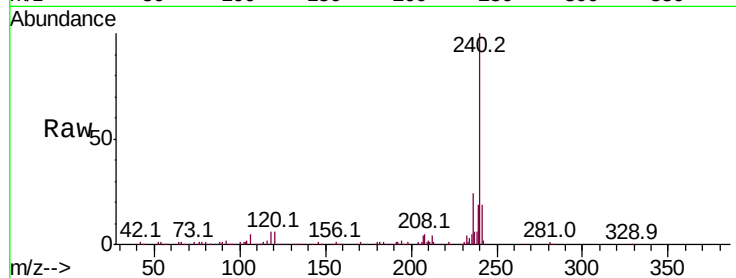
Tot Ion:240 Resp: 190214

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

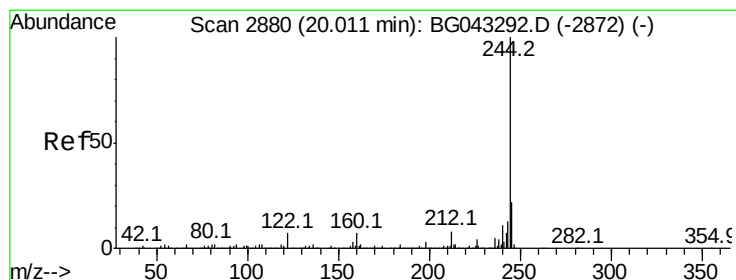
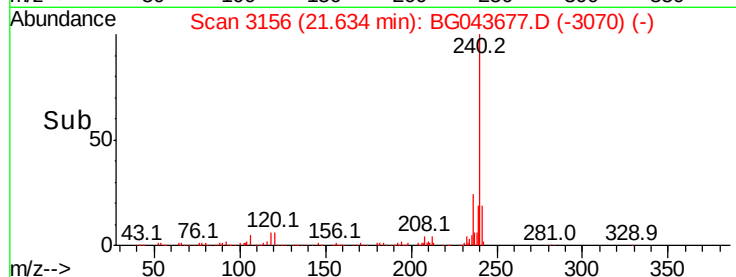
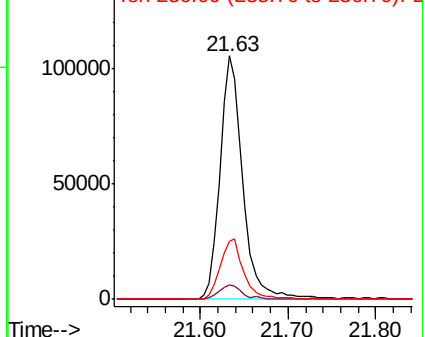
236 24.0 19.8 29.8



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: 9.053 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043677.D

Acq: 18 Nov 2019 17:36

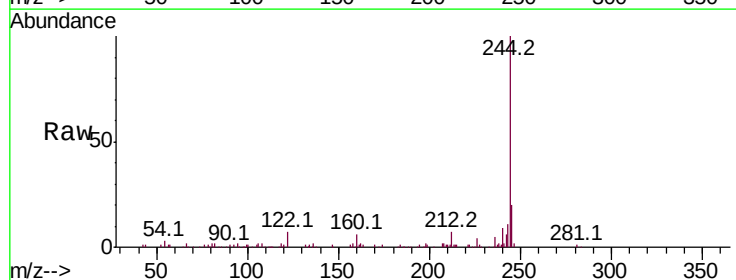
Tgt Ion:244 Resp: 91784

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

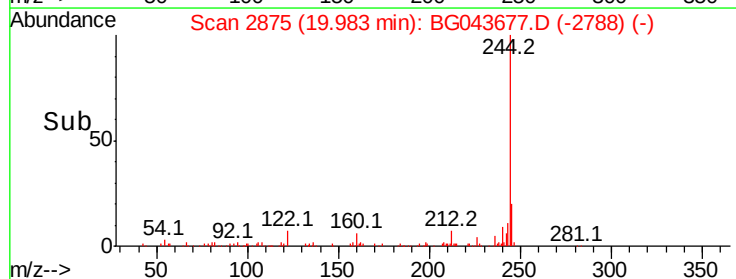
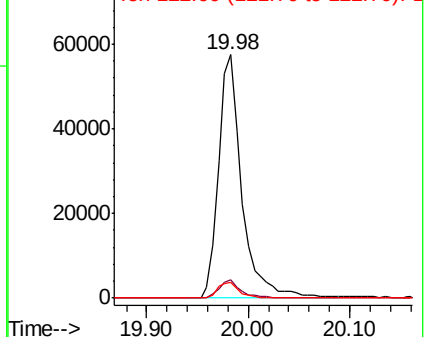
122 6.7 5.4 8.2

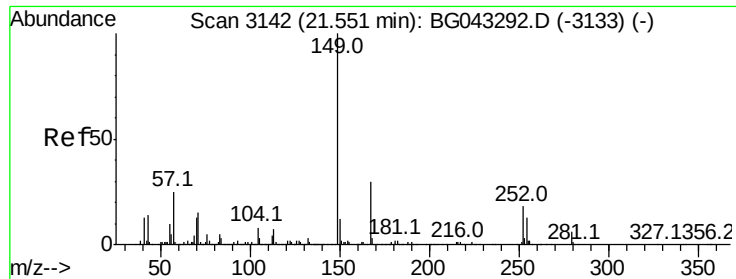


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 25.994 ng

RT: 21.35 min Scan# 3108

Delta R.T. -0.19 min

Lab File: BG043677.D

Acq: 18 Nov 2019 17:36

Instrument :

BNA_G

ClientSampleId :

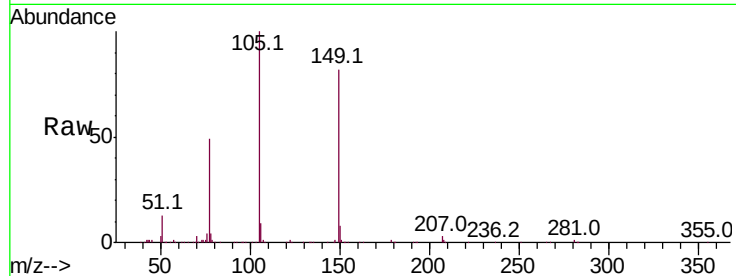
Tot Ion:149 Resp: 164708

Ion Ratio Lower Upper

149 100

167 0.0 24.0 36.0#

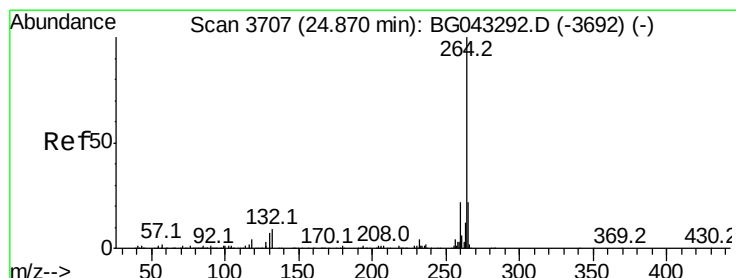
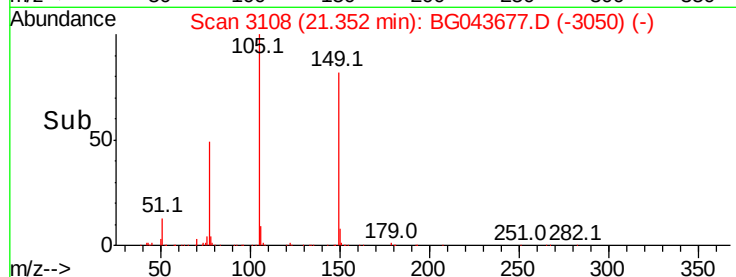
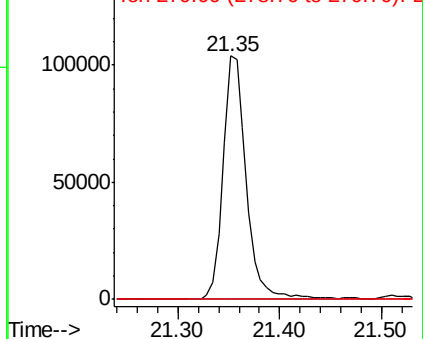
279 0.0 5.4 8.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.03 min

Lab File: BG043677.D

Acq: 18 Nov 2019 17:36

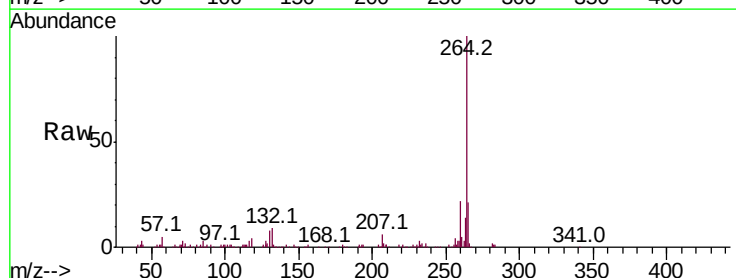
Tgt Ion:264 Resp: 221226

Ion Ratio Lower Upper

264 100

260 22.4 17.5 26.3

265 21.4 17.4 26.0



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

