

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045845.D
 Acq On : 24 Jun 2020 13:49
 Operator : CG/JU
 Sample : L3076-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Jun 24 15:33:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

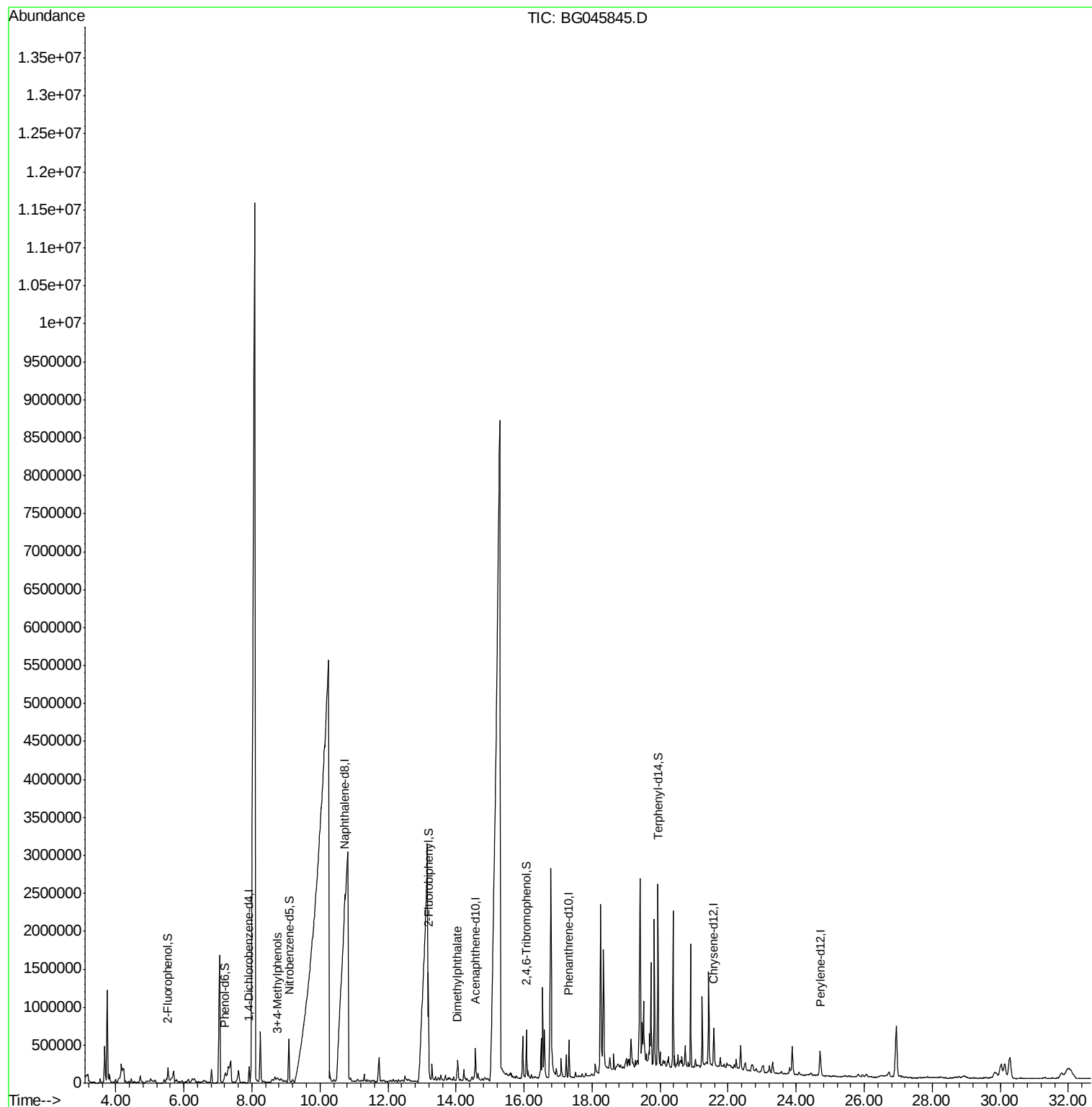
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	57305	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	196319	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	149229	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	315102	20.00	ng	0.00
76) Chrysene-d12	21.58	240	311203	20.00	ng	0.00
86) Perylene-d12	24.70	264	342420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	98859	29.14	ng	0.00
7) Phenol-d6	7.21	99	88463	17.14	ng	0.05
23) Nitrobenzene-d5	9.09	82	357784	83.26	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	129394	57.43	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	758345	74.68	ng	0.00
79) Terphenyl-d14	19.94	244	1124453	73.23	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.74	107	12547	2.564	ng	Qvalue # 74
50) Dimethylphthalate	14.03	163	97541	8.344	ng	98

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

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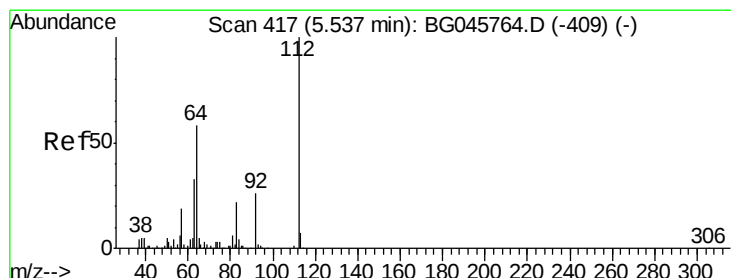
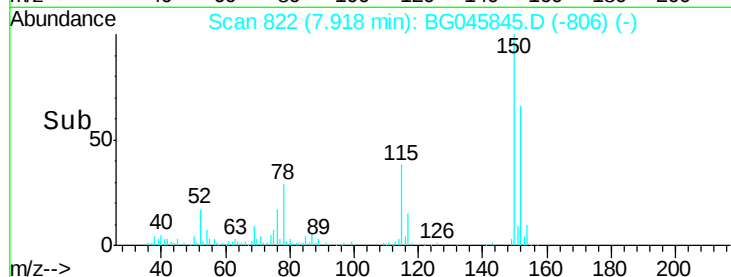
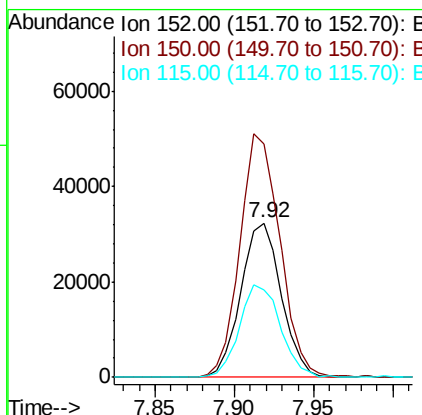
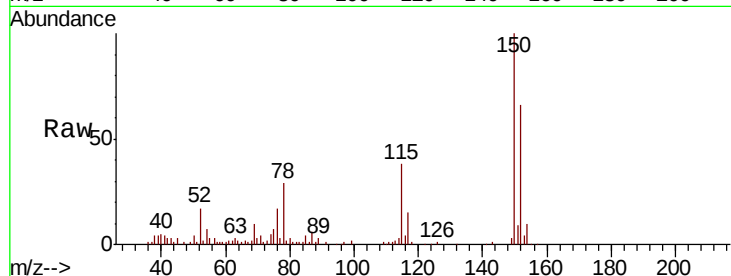


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045845.D
Acq: 24 Jun 2020 13:49

Instrument :
BNA_G
ClientSampleId :
EFF-WW

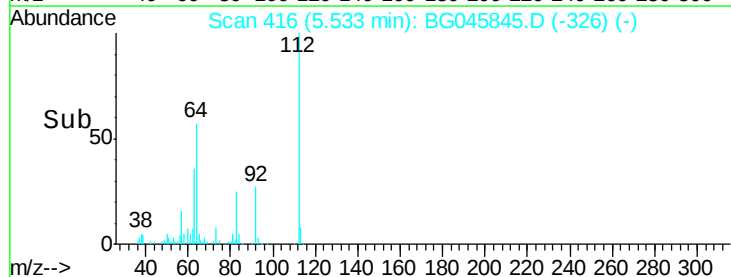
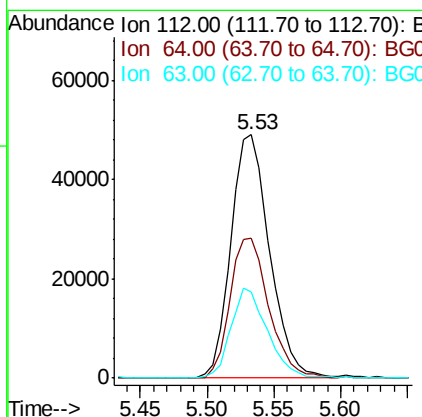
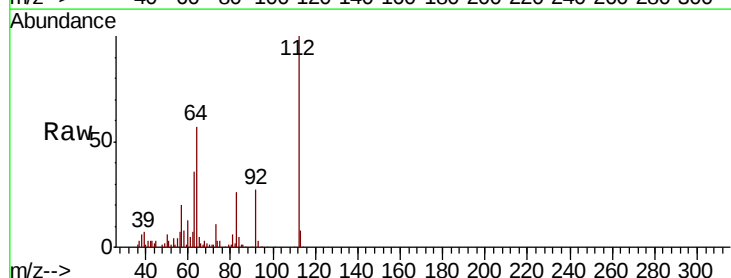
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	113.1	169.7
115	56.9	43.8	65.6

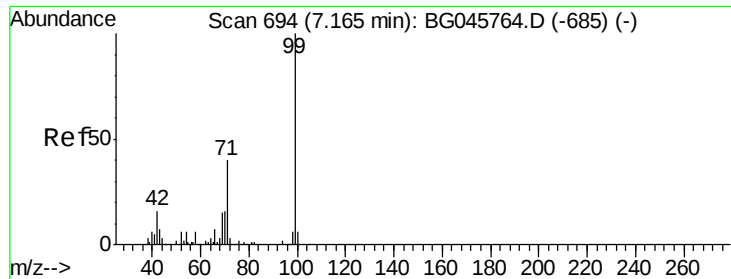


#5

2-Fluorophenol
Concen: 29.142 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045845.D
Acq: 24 Jun 2020 13:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.6	69.8
63	35.6	26.3	39.5





#7

Phenol-d6

Concen: 17.144 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.05 min

Lab File: BG045845.D

Acq: 24 Jun 2020 13:49

Instrument :

BNA_G

ClientSampleId :

EFF-WW

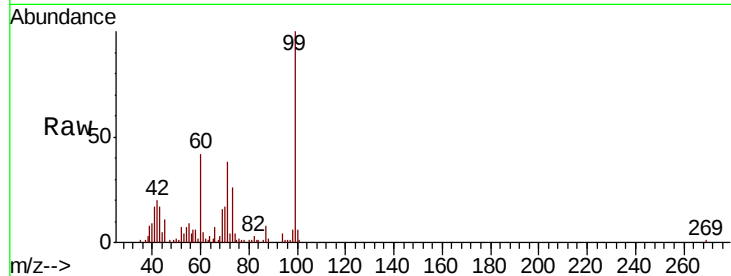
Tot Ion: 99 Resp: 88463

Ion Ratio Lower Upper

99 100

42 19.8 12.4 18.6#

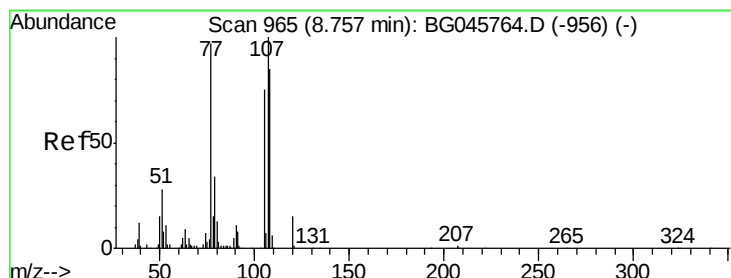
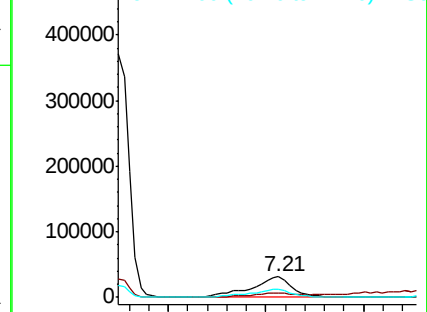
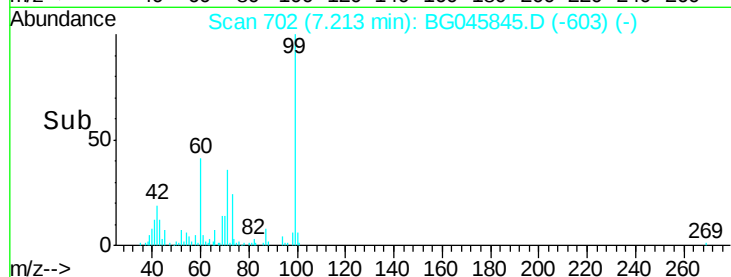
71 37.9 32.1 48.1



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



#20

3+4-Methylphenols

Concen: 2.564 ng

RT: 8.74 min Scan# 962

Delta R.T. -0.02 min

Lab File: BG045845.D

Acq: 24 Jun 2020 13:49

Tgt Ion:107 Resp: 12547

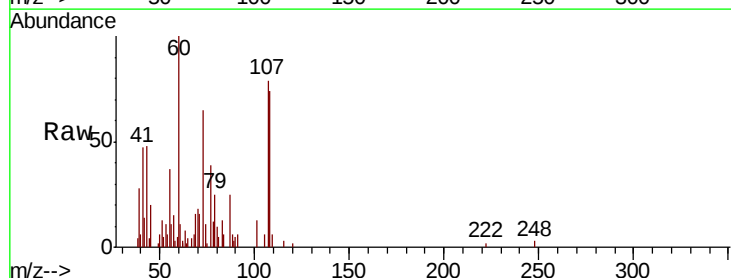
Ion Ratio Lower Upper

107 100

108 94.2 65.4 105.4

77 49.8 77.2 117.2#

79 32.1 14.2 54.2

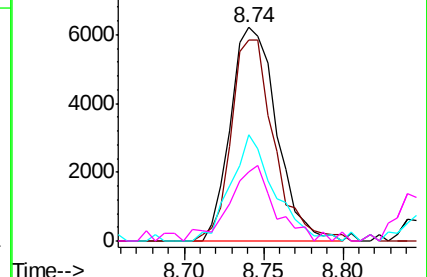
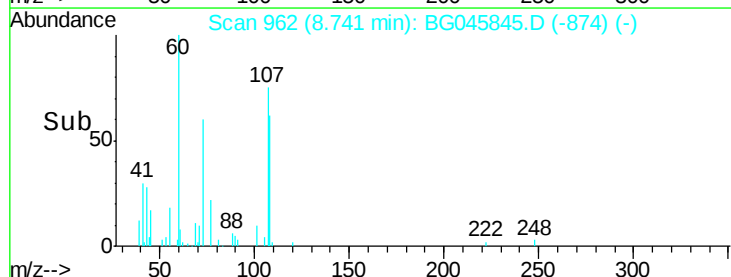


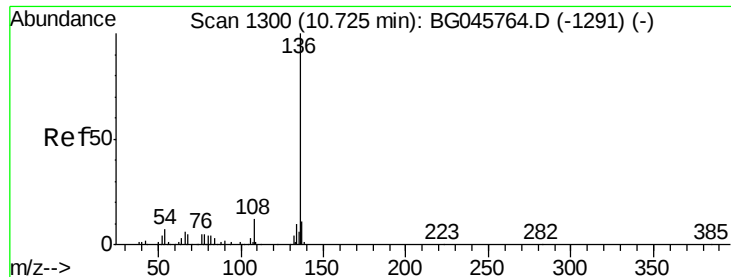
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

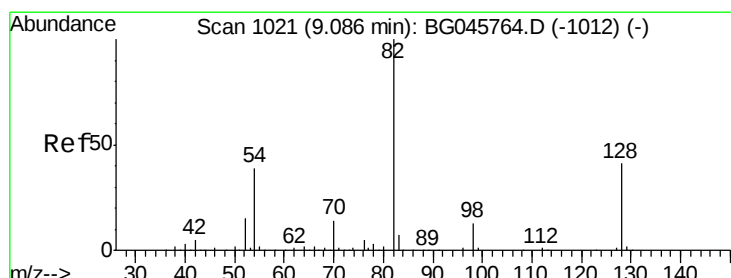
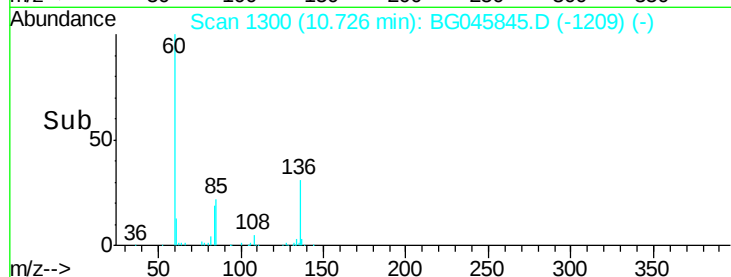
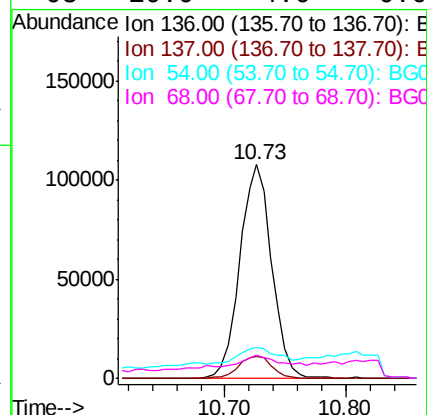
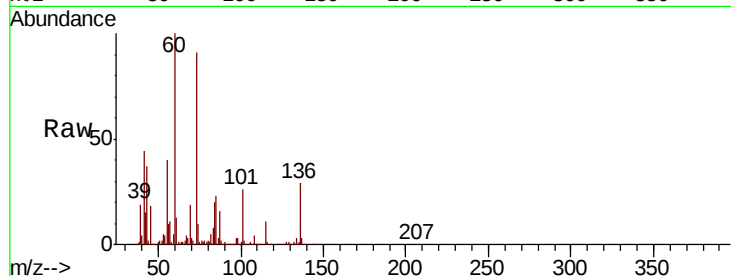




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045845.D
Acq: 24 Jun 2020 13:49

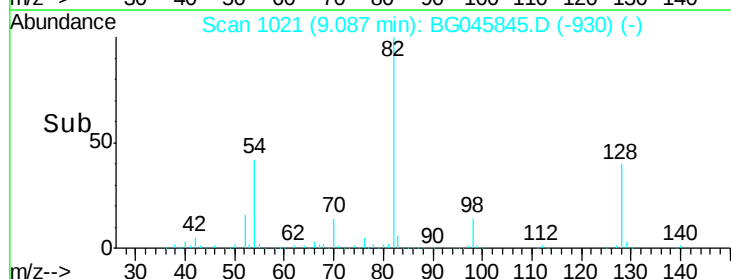
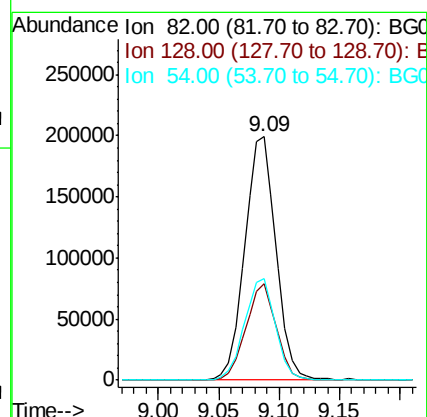
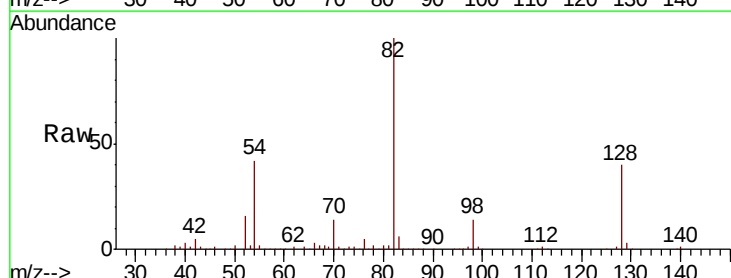
Instrument :
BNA_G
ClientSampleId :
EFF-WW

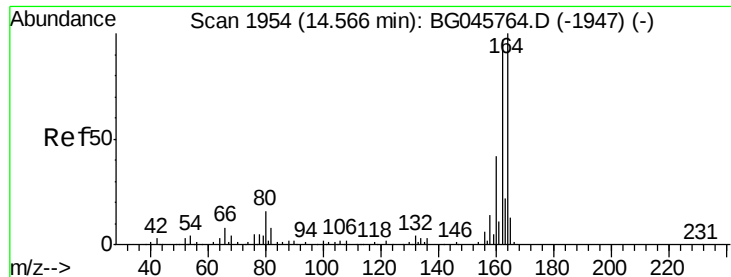
Tot Ion:136	Resp:	196319
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.7 13.1
54	14.5	5.8 8.6#
68	10.9	4.0 6.0#



#23
Nitrobenzene-d5
Concen: 83.256 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG045845.D
Acq: 24 Jun 2020 13:49

Tgt Ion: 82	Resp:	357784
Ion	Ratio	Lower Upper
82	100	
128	39.6	32.5 48.7
54	41.9	31.2 46.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045845.D

Acq: 24 Jun 2020 13:49

Instrument :

BNA_G

ClientSampleId :

EFF-WW

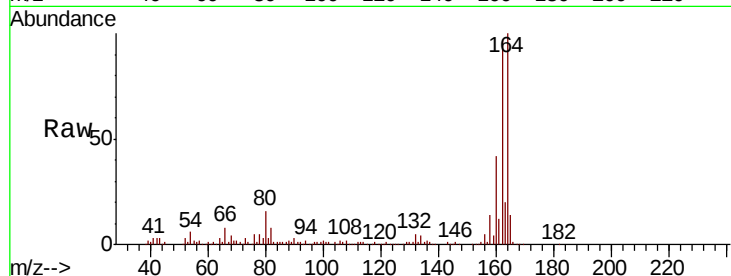
Tot Ion:164 Resp: 149229

Ion Ratio Lower Upper

164 100

162 97.1 77.4 116.0

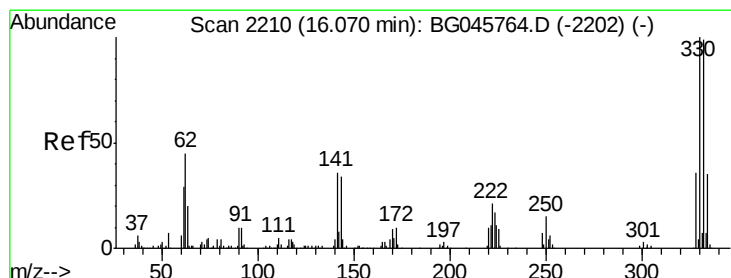
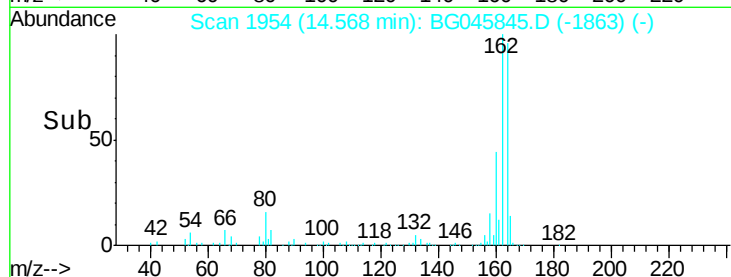
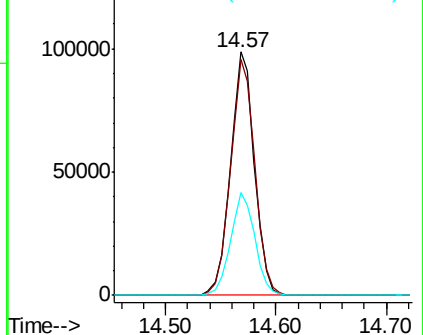
160 42.4 33.3 49.9



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: 57.433 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045845.D

Acq: 24 Jun 2020 13:49

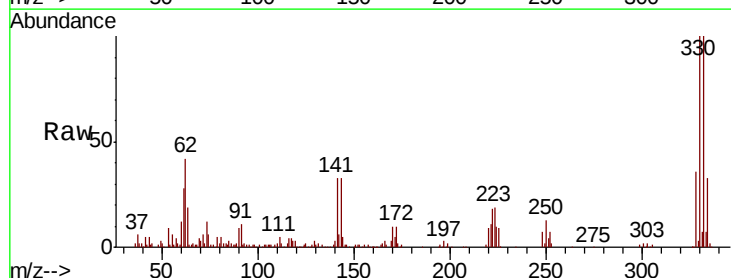
Tgt Ion:330 Resp: 129394

Ion Ratio Lower Upper

330 100

332 97.7 78.6 117.8

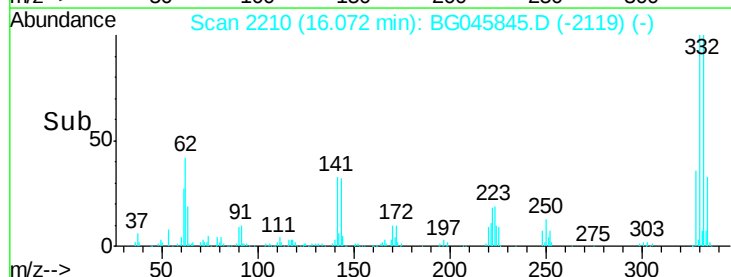
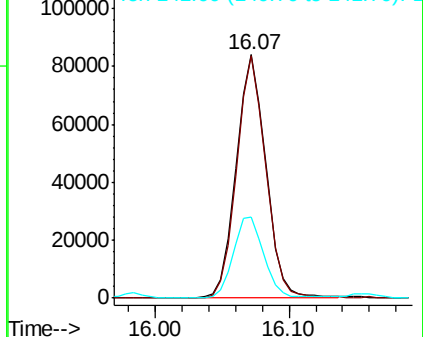
141 34.5 28.2 42.4

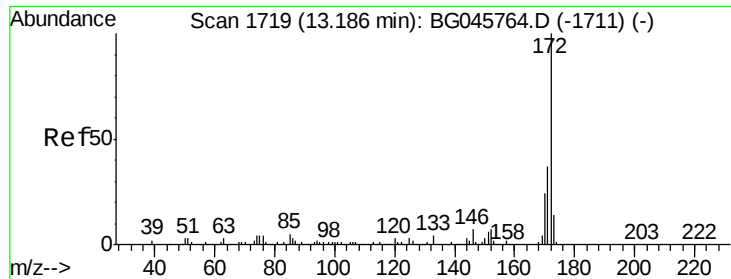


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

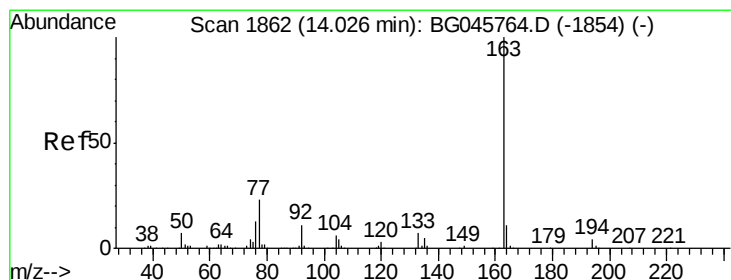
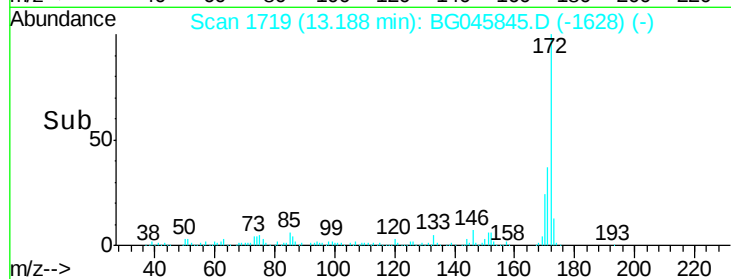
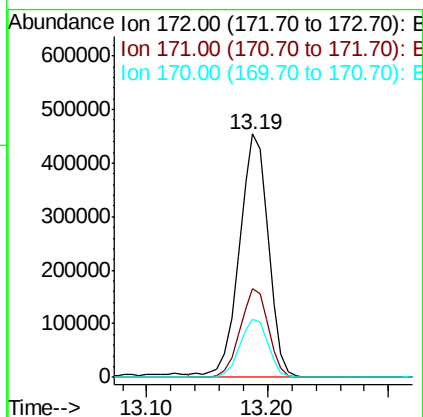
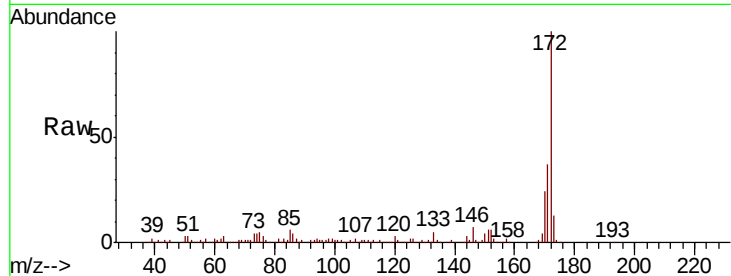




#45
2-Fluorobiphenyl
Concen: 74.679 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045845.D
Acq: 24 Jun 2020 13:49

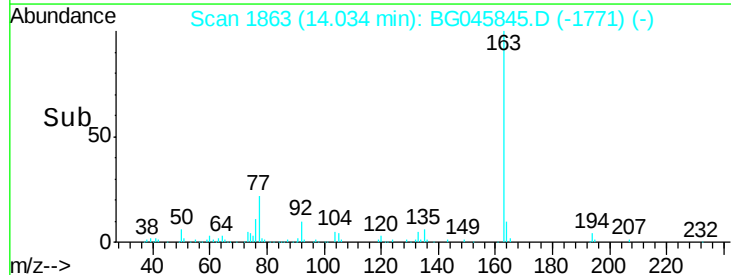
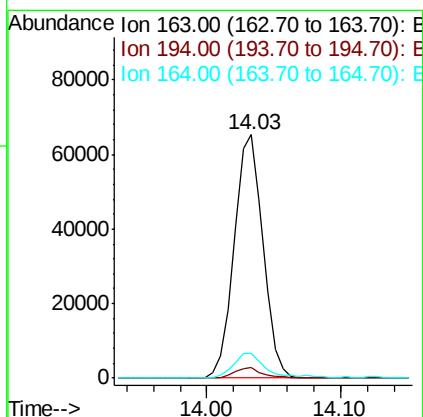
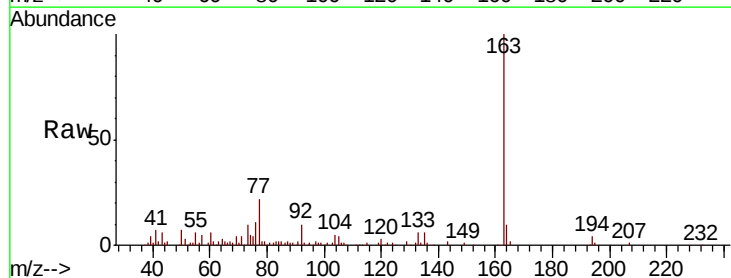
Instrument :
BNA_G
ClientSampleId :
EFF-WW

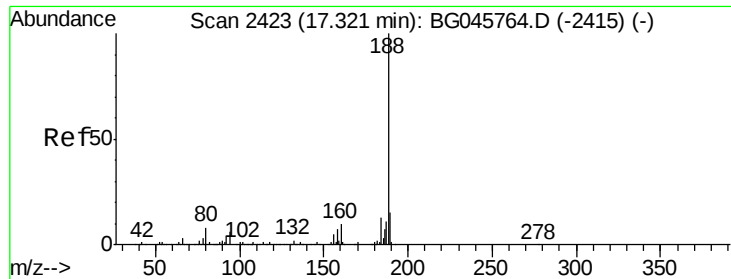
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	23.6	19.3	28.9



#50
Dimethylphthalate
Concen: 8.344 ng
RT: 14.03 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BG045845.D
Acq: 24 Jun 2020 13:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.1	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG045845.D

Acq: 24 Jun 2020 13:49

Instrument :

BNA_G

ClientSampleId :

EFF-WW

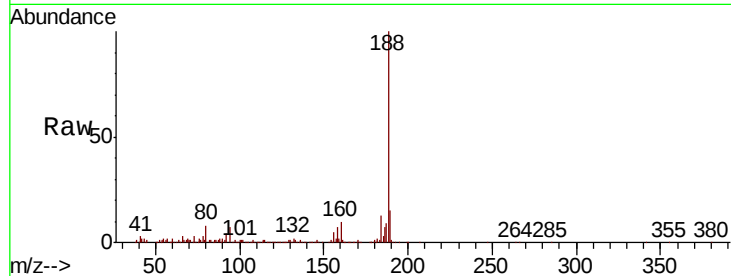
Tot Ion:188 Resp: 315102

Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

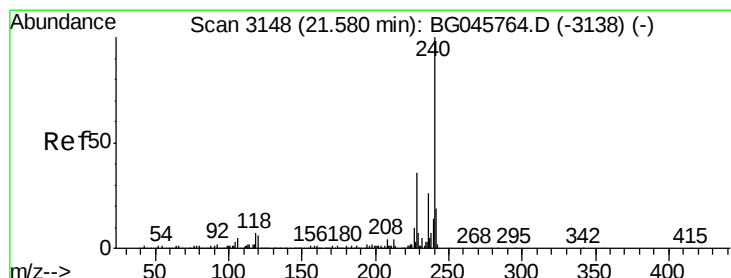
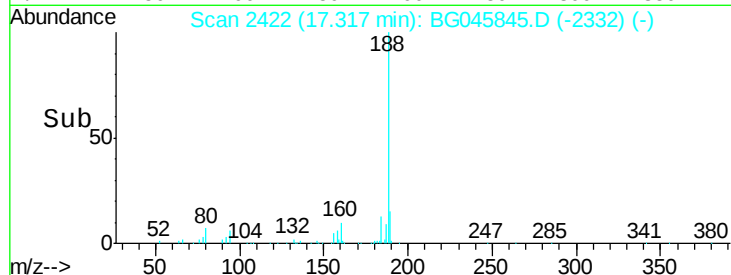
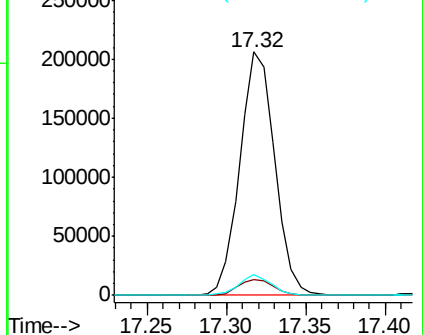
80 8.4 6.2 9.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG045845.D

Acq: 24 Jun 2020 13:49

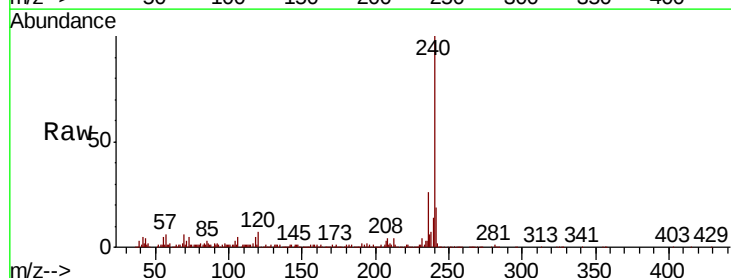
Tgt Ion:240 Resp: 311203

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.4

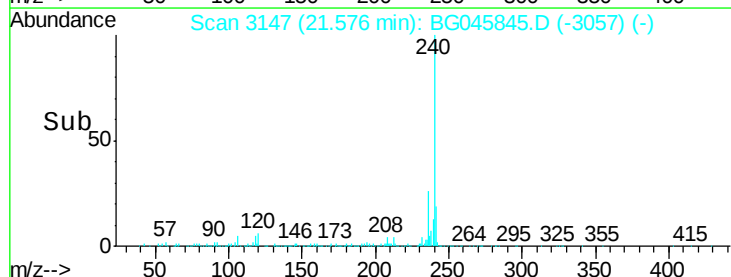
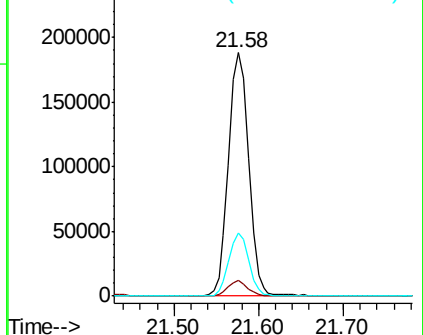
236 25.7 20.6 30.8

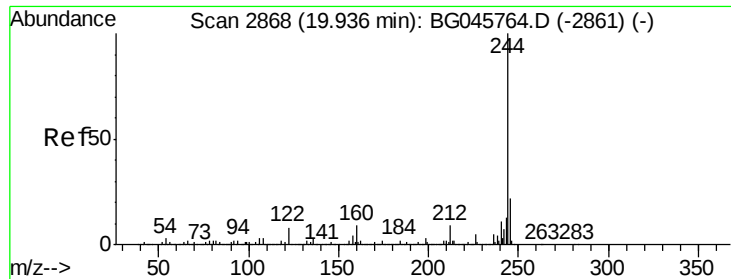


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.226 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045845.D

Acq: 24 Jun 2020 13:49

Instrument :

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EFF-WW

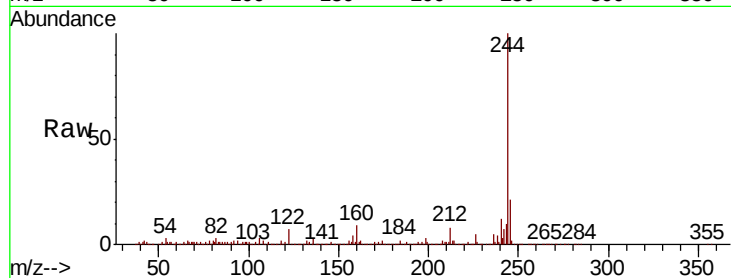
Tot Ion:244 Resp: 1124453

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

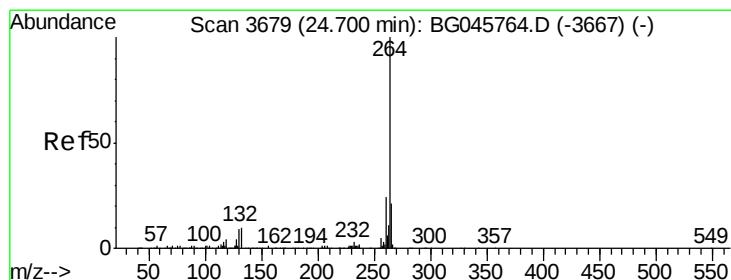
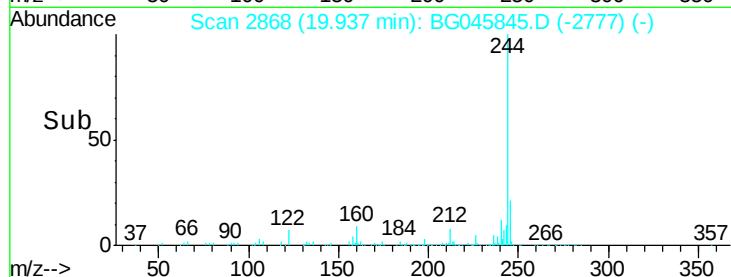
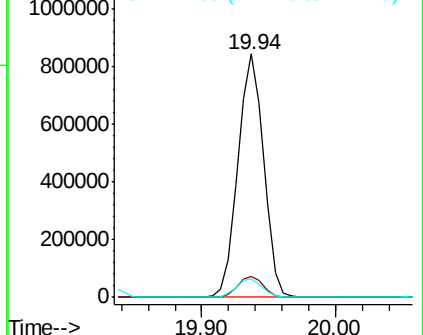
122 7.4 6.4 9.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045845.D

Acq: 24 Jun 2020 13:49

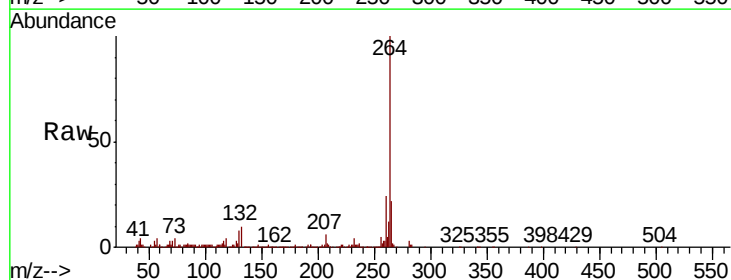
Tgt Ion:264 Resp: 342420

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.6 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

