

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
 Data File : BG045908.D
 Acq On : 1 Jul 2020 16:22
 Operator : CG/JU
 Sample : L3153-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-F

Quant Time: Jul 01 18:18:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 14:59:28 2020
 Response via : Initial Calibration

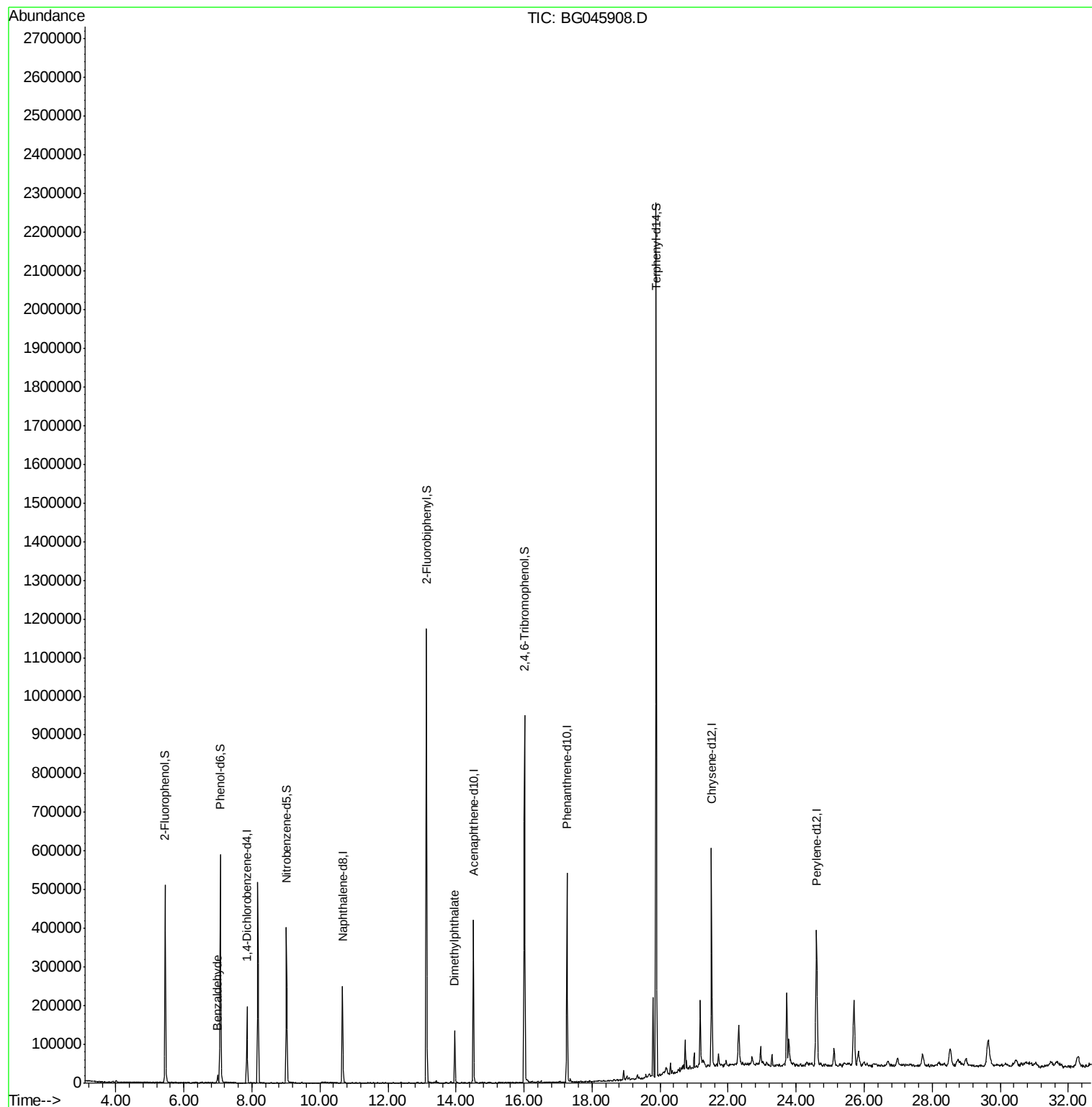
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	55325	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	219786	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	157071	20.00	ng	-0.01
64) Phenanthrene-d10	17.26	188	357504	20.00	ng	0.00
76) Chrysene-d12	21.51	240	350706	20.00	ng	-0.01
86) Perylene-d12	24.60	264	354942	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	250969	76.63	ng	0.00
7) Phenol-d6	7.07	99	380200	76.32	ng	-0.01
23) Nitrobenzene-d5	9.02	82	274648	57.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.01	330	204247	86.13	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	628925	58.84	ng	0.00
79) Terphenyl-d14	19.88	244	1086218	62.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.99	77	8698	2.907	ng	94
50) Dimethylphthalate	13.96	163	90895	7.387	ng	99

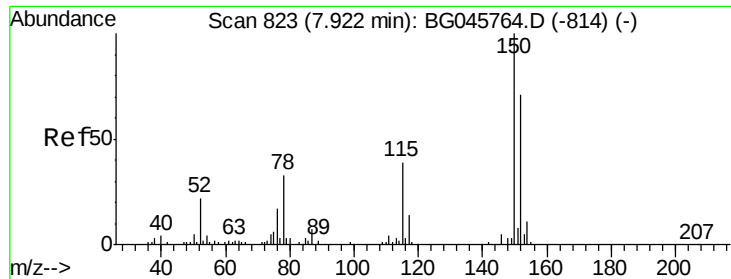
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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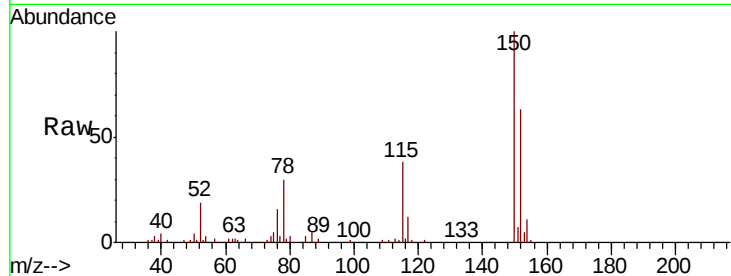


#1

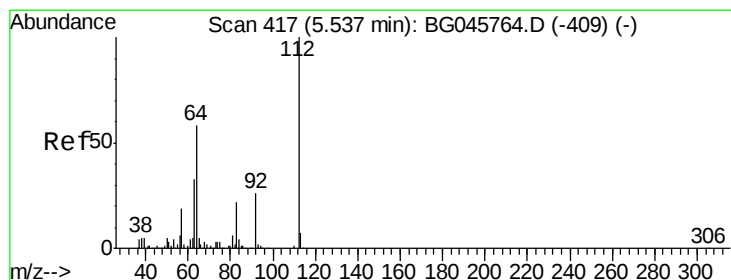
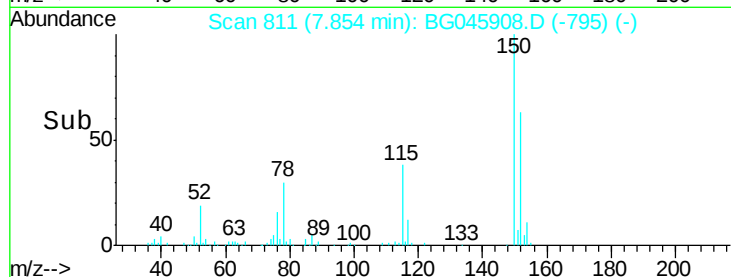
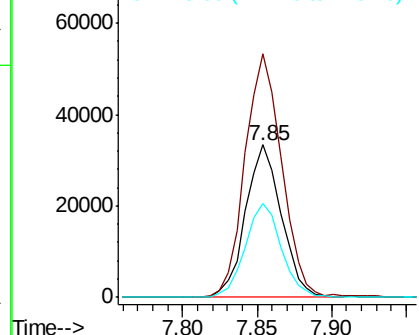
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045908.D
Acq: 1 Jul 2020 16:22

Instrument :
BNA_G
ClientSampleId :
SP2-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	123.9	185.9
115	61.4	48.6	72.8



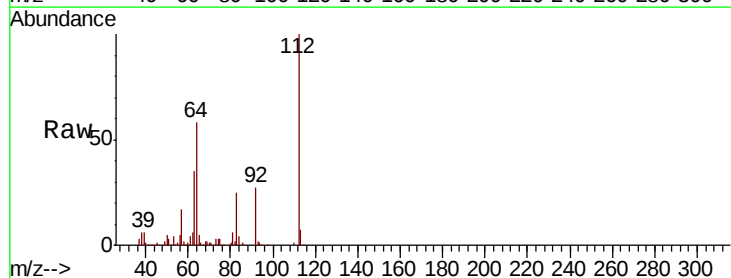
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



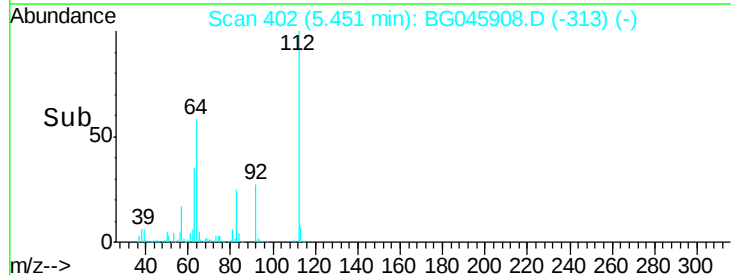
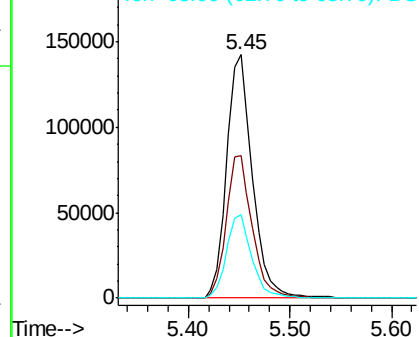
#5

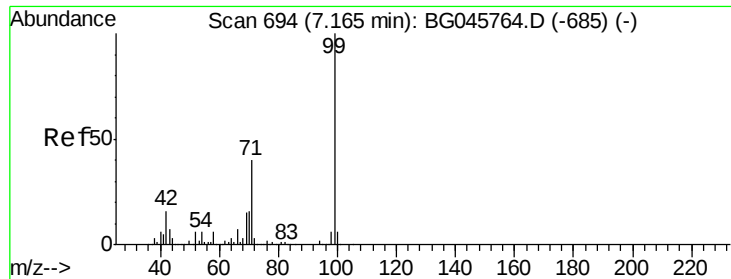
2-Fluorophenol
Concen: 76.628 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG045908.D
Acq: 1 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.3	70.9
63	34.6	27.1	40.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 76.318 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG045908.D

Acq: 1 Jul 2020 16:22

Instrument :

BNA_G

ClientSampled :

SP2-F

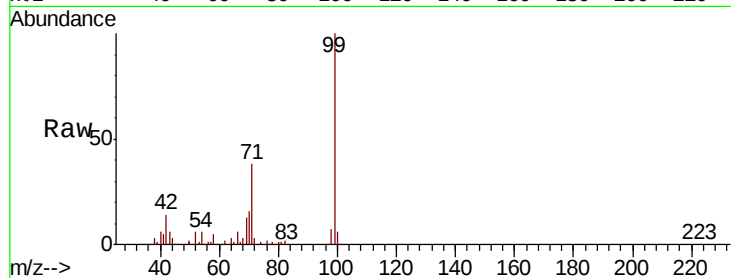
Tot Ion: 99 Resp: 380200

Ion Ratio Lower Upper

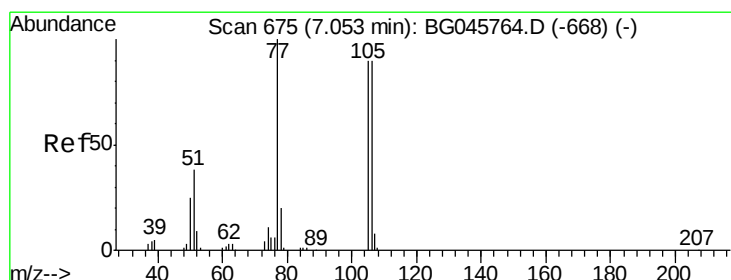
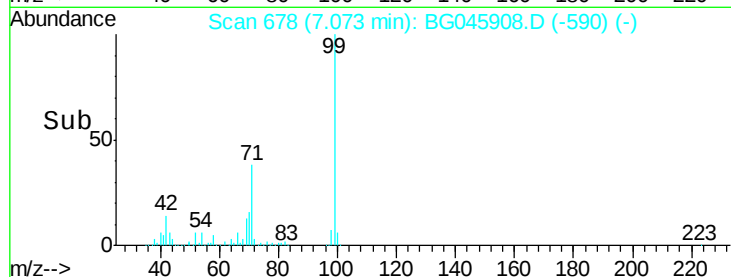
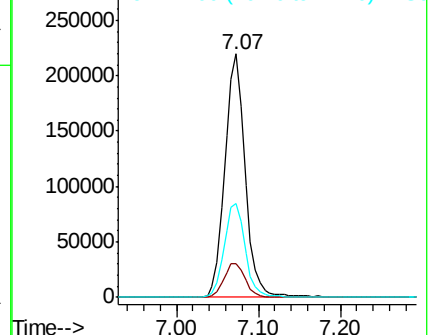
99 100

42 13.9 12.0 18.0

71 38.4 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



#9

Benzaldehyde

Concen: 2.907 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG045908.D

Acq: 1 Jul 2020 16:22

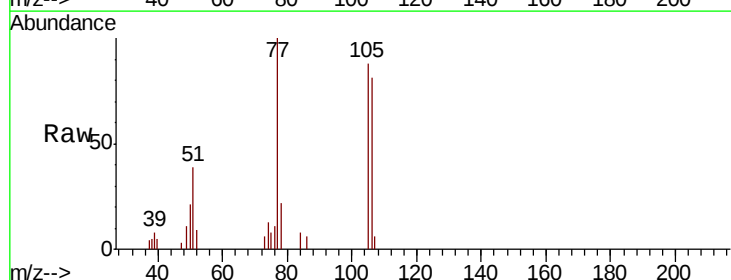
Tgt Ion: 77 Resp: 8698

Ion Ratio Lower Upper

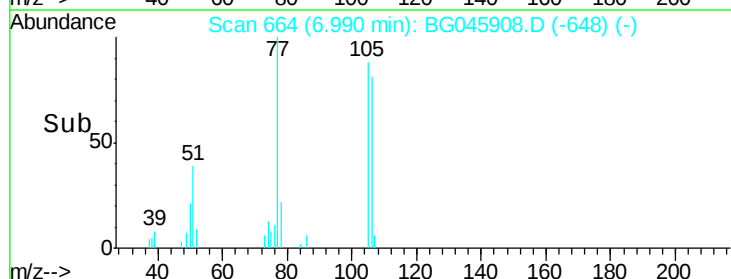
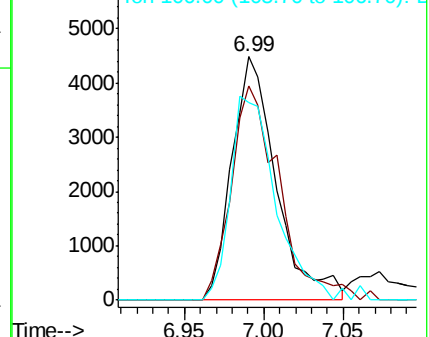
77 100

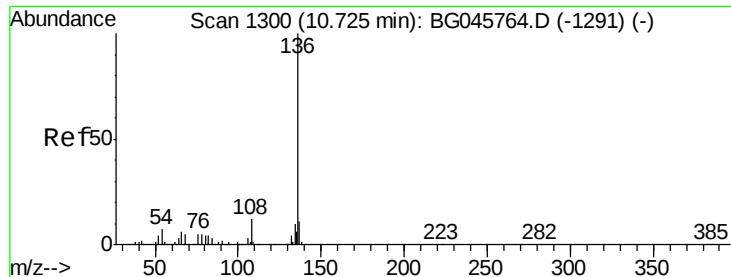
105 87.9 72.8 112.8

106 81.3 67.2 107.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

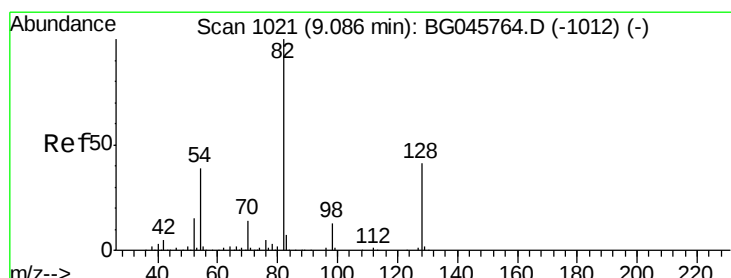
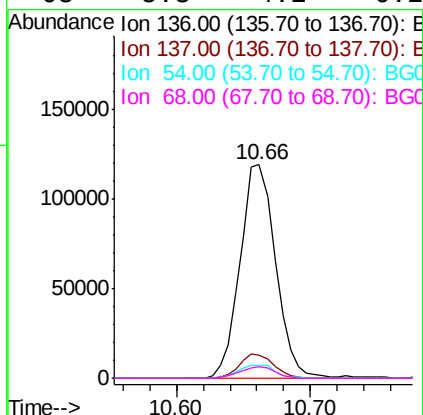
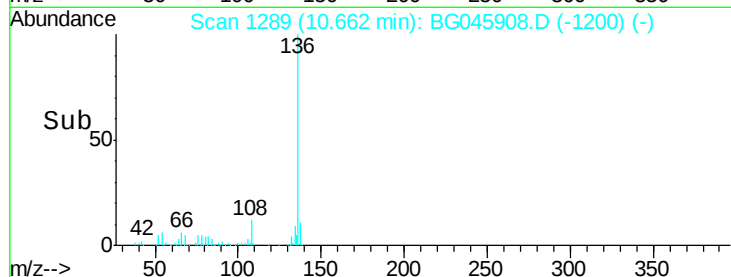
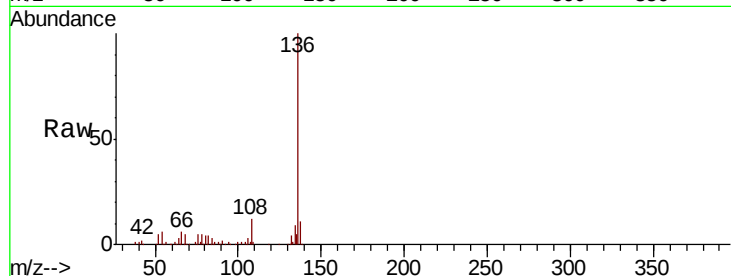




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045908.D
Acq: 1 Jul 2020 16:22

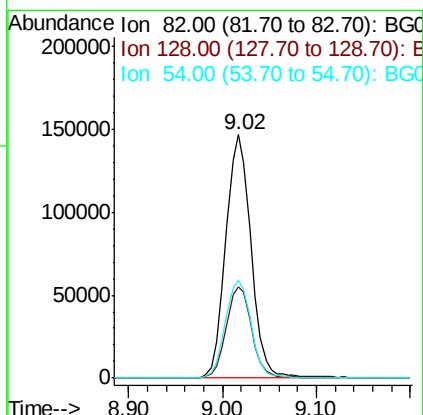
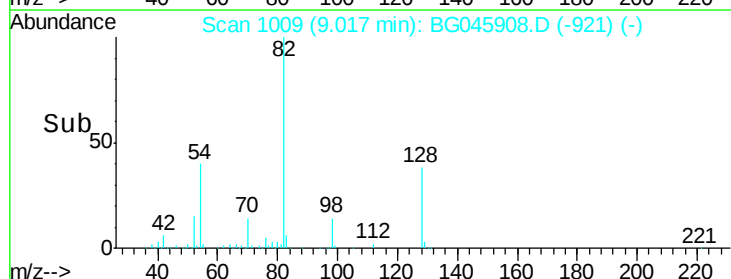
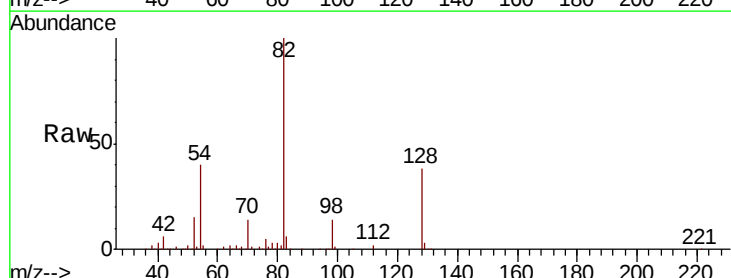
Instrument :
BNA_G
ClientSampleId :
SP2-F

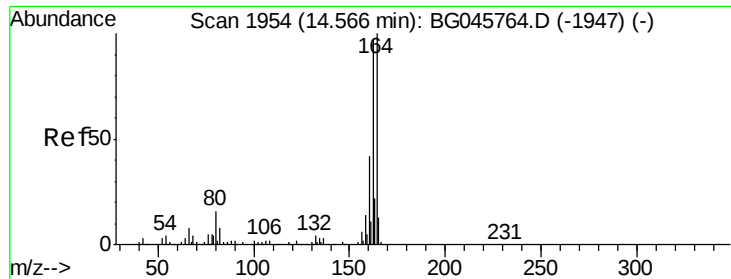
Tot Ion:136	Resp:	219786
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.6	12.8
54 6.1	4.5	6.7
68 5.3	4.2	6.2



#23
Nitrobenzene-d5
Concen: 57.087 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG045908.D
Acq: 1 Jul 2020 16:22

Tgt Ion: 82	Resp: 274648
Ion Ratio	Lower Upper
82 100	
128 37.6	31.0 46.6
54 40.2	32.8 49.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG045908.D

Acq: 1 Jul 2020 16:22

Instrument :

BNA_G

ClientSampled :

SP2-F

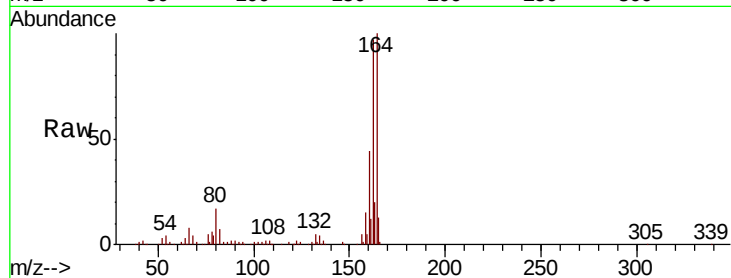
Tot Ion:164 Resp: 157071

Ion Ratio Lower Upper

164 100

162 97.1 76.3 114.5

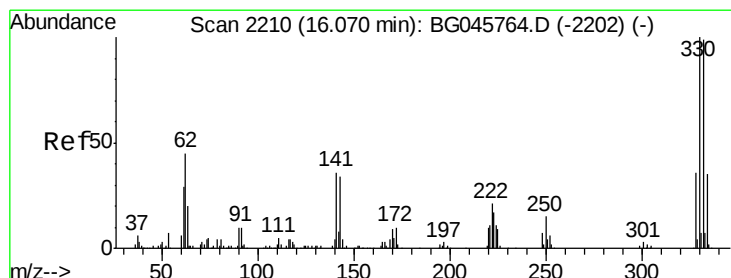
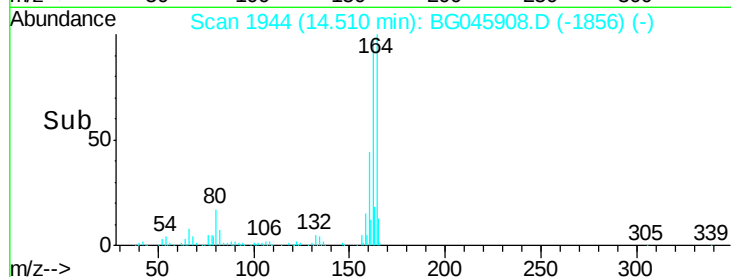
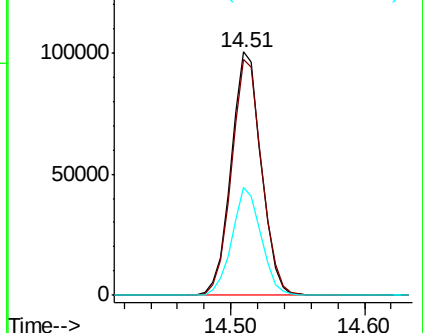
160 44.3 35.4 53.2



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: 86.131 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045908.D

Acq: 1 Jul 2020 16:22

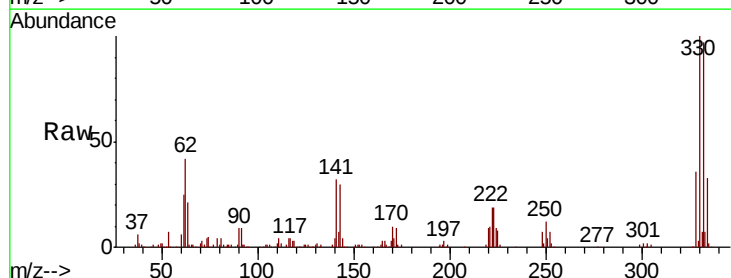
Tgt Ion:330 Resp: 204247

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

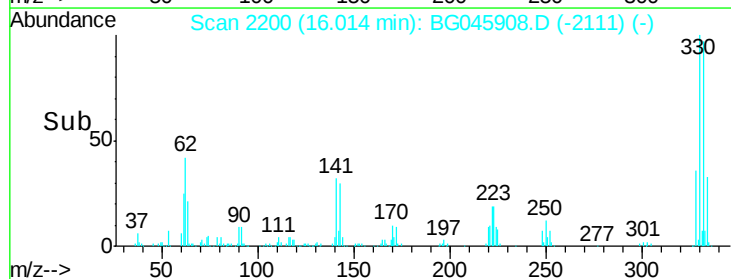
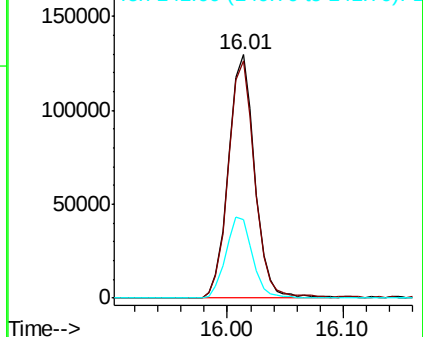
141 33.5 27.8 41.8

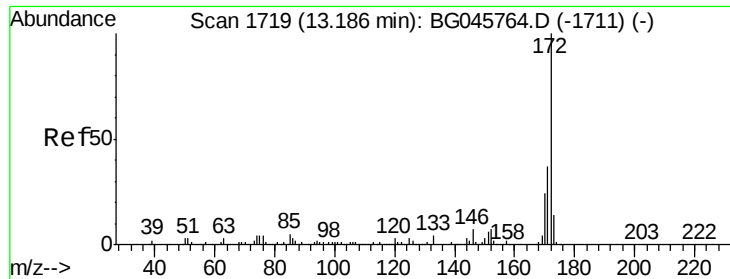


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

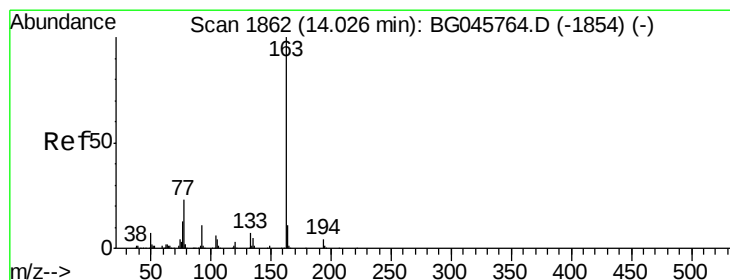
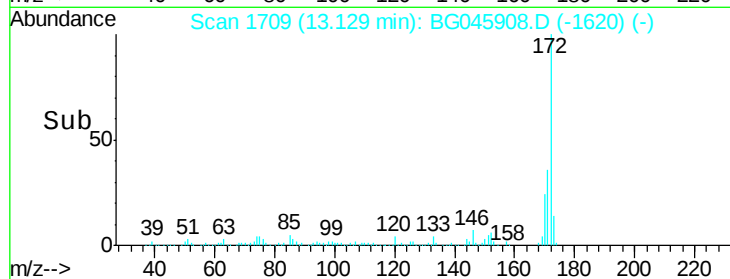
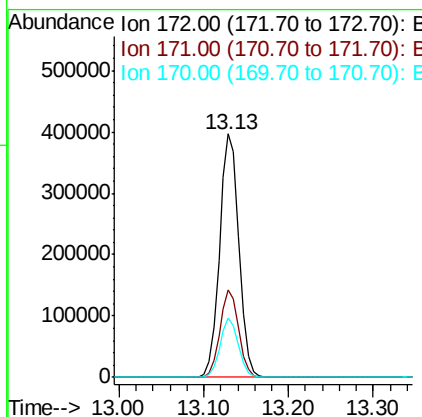
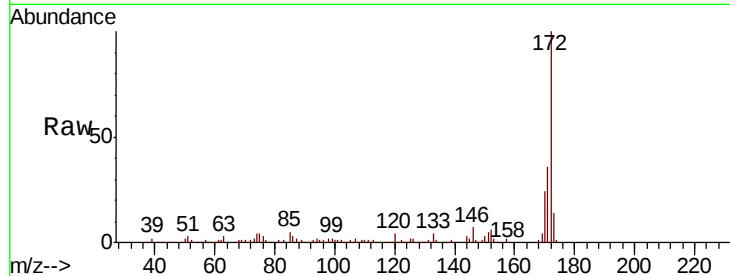




#45
2-Fluorobiphenyl
Concen: 58.842 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045908.D
Acq: 1 Jul 2020 16:22

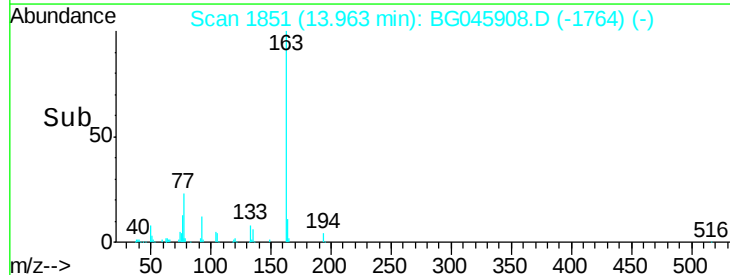
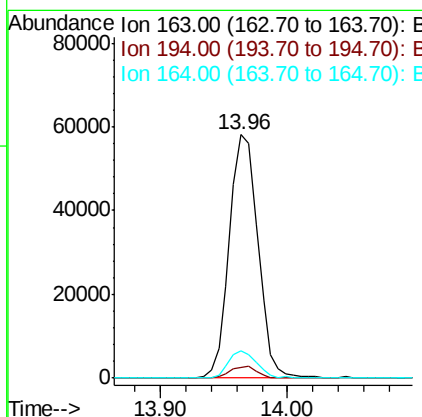
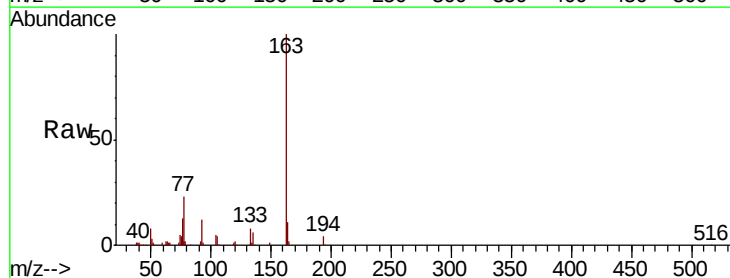
Instrument :
BNA_G
ClientSampled :
SP2-F

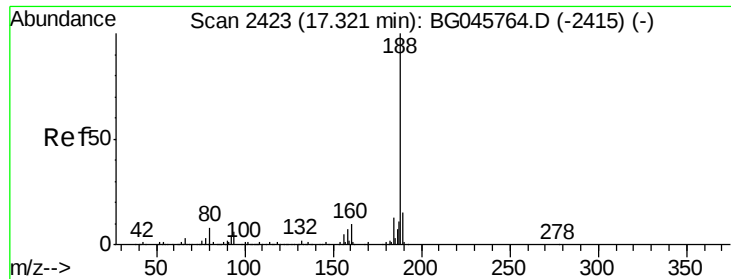
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	18.9	28.3



#50
Dimethylphthalate
Concen: 7.387 ng
RT: 13.96 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BG045908.D
Acq: 1 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	11.1	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG045908.D

Acq: 1 Jul 2020 16:22

Instrument :

BNA_G

ClientSampleId :

SP2-F

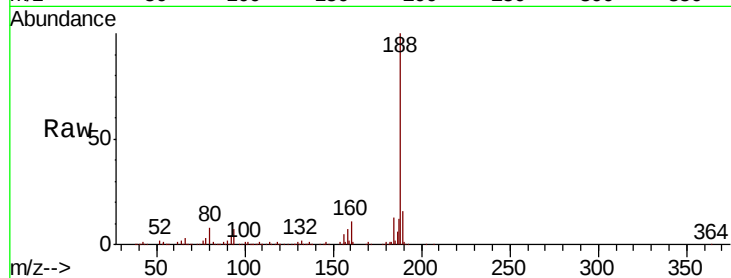
Tot Ion:188 Resp: 357504

Ion Ratio Lower Upper

188 100

94 6.5 5.5 8.3

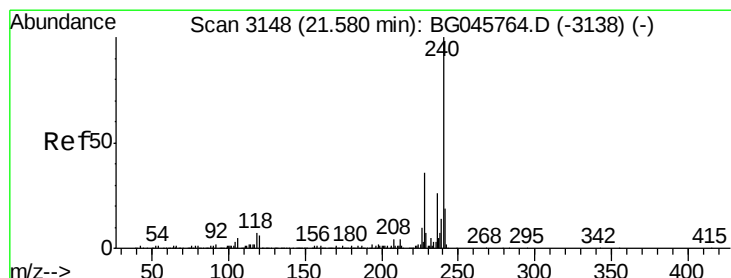
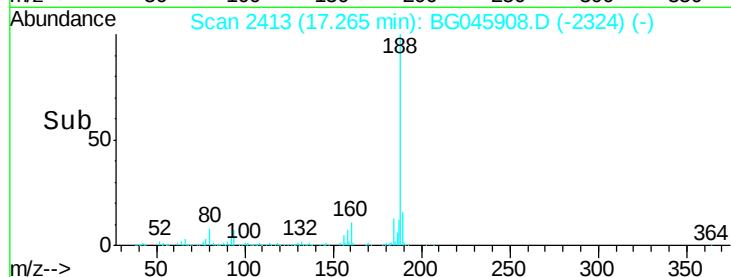
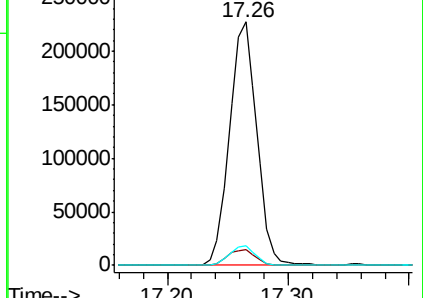
80 8.3 6.3 9.5



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: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045908.D

Acq: 1 Jul 2020 16:22

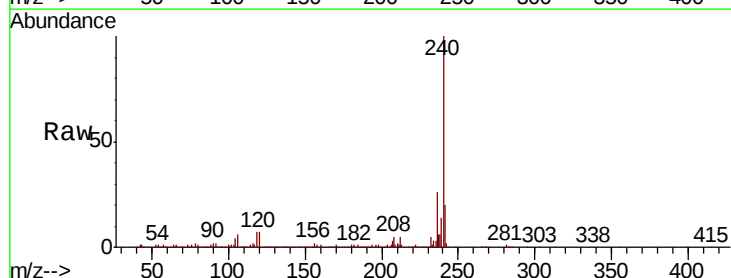
Tgt Ion:240 Resp: 350706

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.2

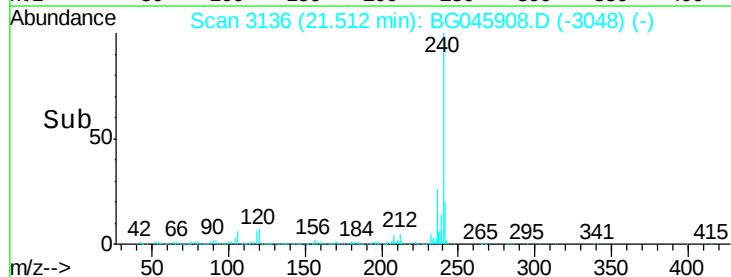
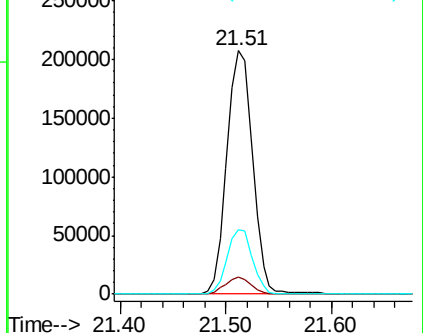
236 26.2 21.2 31.8

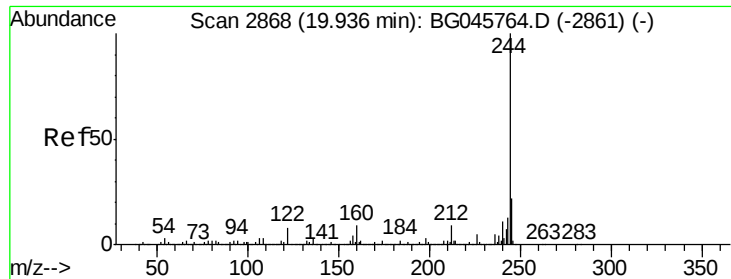


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.768 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045908.D

Acq: 1 Jul 2020 16:22

Instrument :

BNA_G

ClientSampleId :

SP2-F

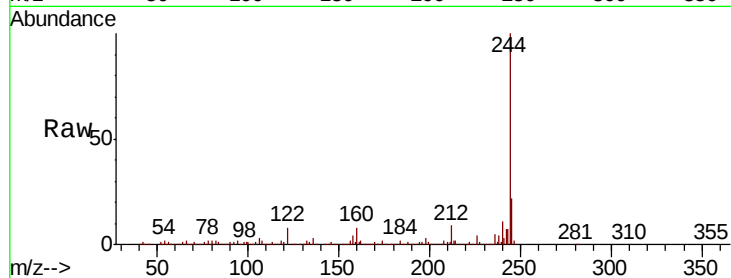
Tot Ion:244 Resp: 1086218

Ion Ratio Lower Upper

244 100

212 8.8 7.1 10.7

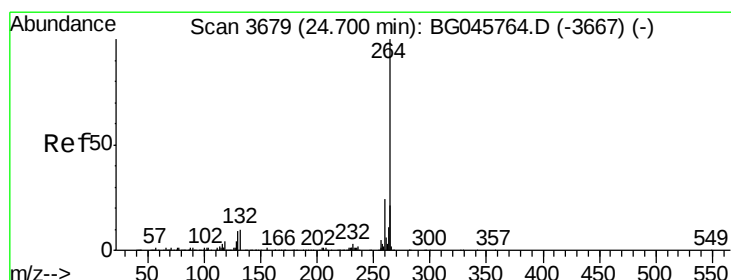
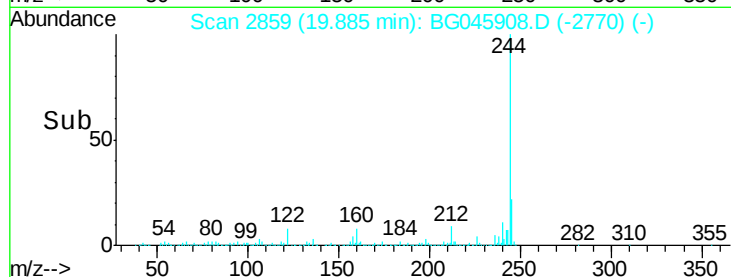
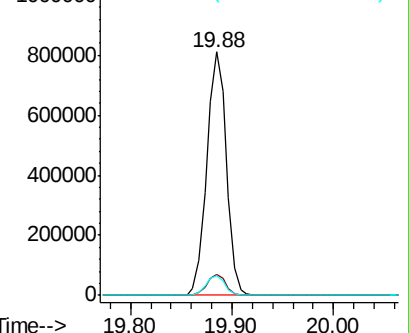
122 8.0 6.7 10.1



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: 24.60 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045908.D

Acq: 1 Jul 2020 16:22

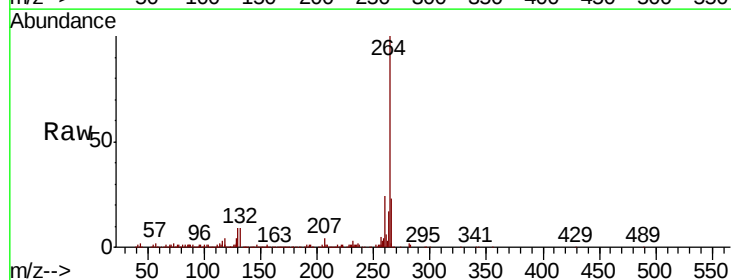
Tgt Ion:264 Resp: 354942

Ion Ratio Lower Upper

264 100

260 23.8 17.7 26.5

265 23.1 16.9 25.3



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

