

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045087.D
 Acq On : 19 Apr 2020 4:20
 Operator : CG/JU
 Sample : L2271-01
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG-3

Quant Time: Apr 20 05:27:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

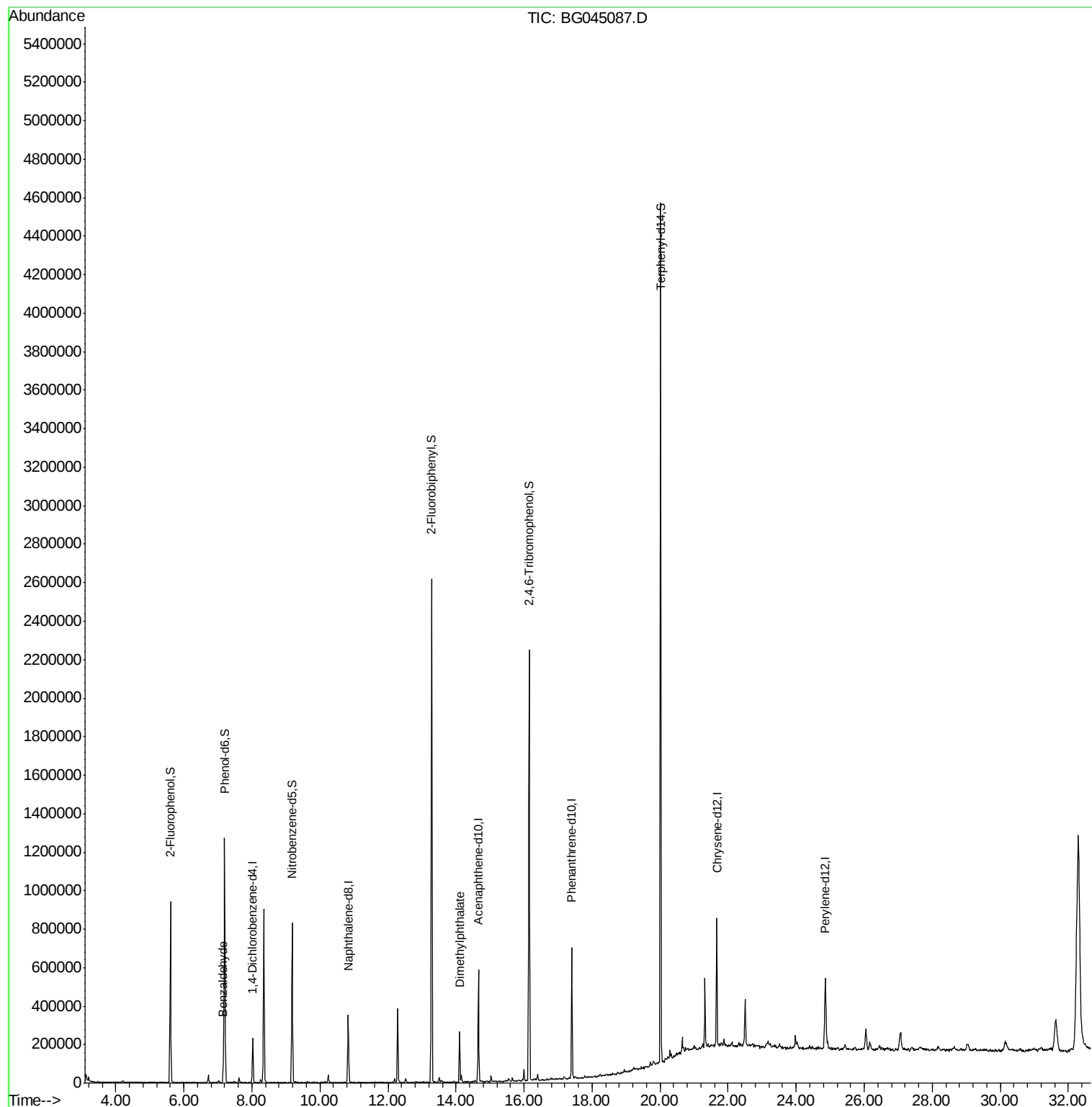
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	67631	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	298623	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	213175	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	458745	20.00	ng	0.00
76) Chrysene-d12	21.67	240	411400	20.00	ng	0.00
87) Perylene-d12	24.86	264	437031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	471625	115.13	ng	0.01
7) Phenol-d6	7.20	99	848166	139.35	ng	0.01
23) Nitrobenzene-d5	9.18	82	562318	85.92	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	467902	142.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1415845	97.39	ng	0.00
79) Terphenyl-d14	20.01	244	2048326	108.52	ng	0.00
Target Compounds						
9) Benzaldehyde	7.16	77	44518	7.578	ng	91
50) Dimethylphthalate	14.11	163	183247	10.557	ng	99

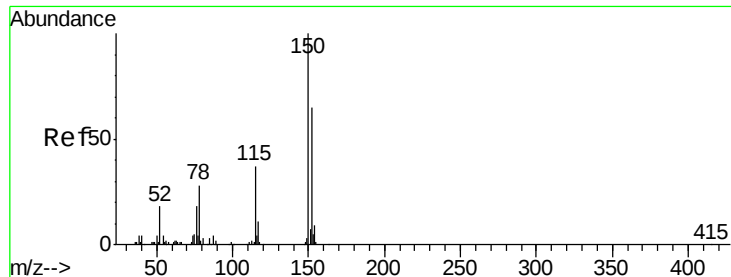
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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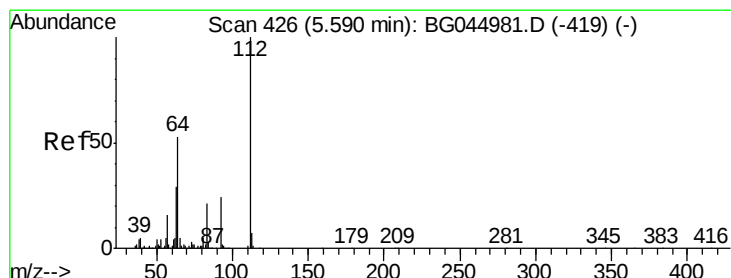
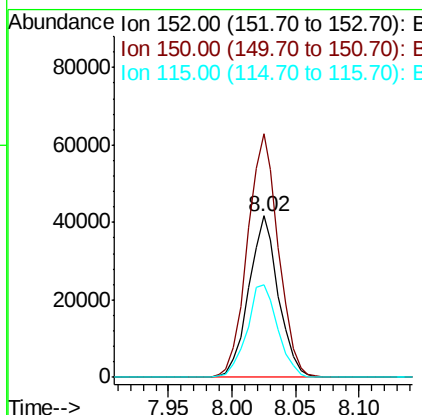
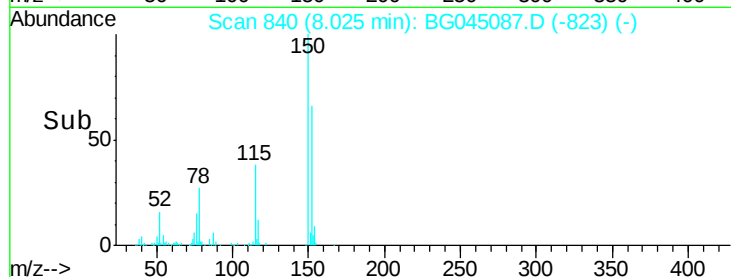
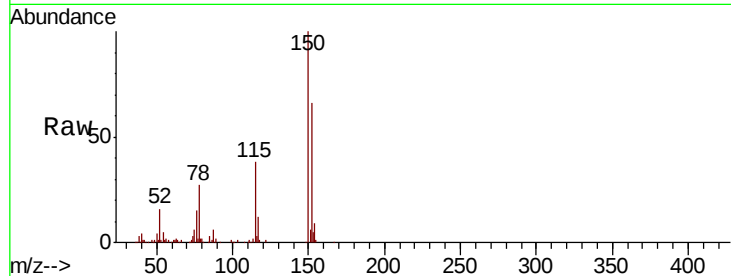




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045087.D
 Acq: 19 Apr 2020 4:20

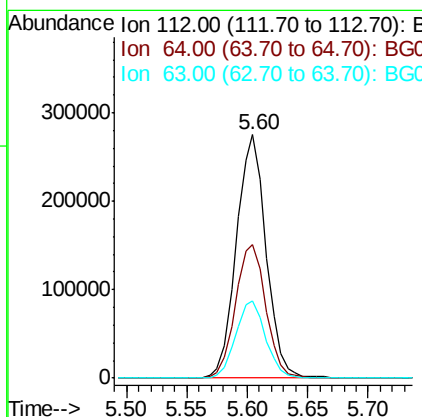
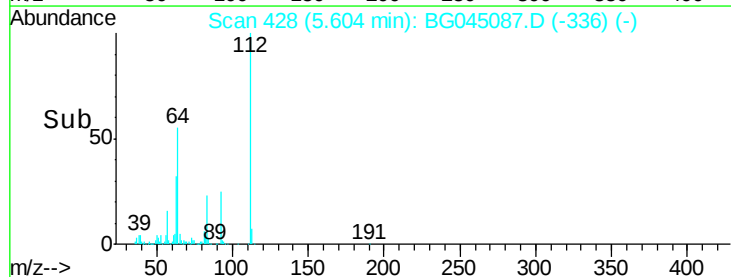
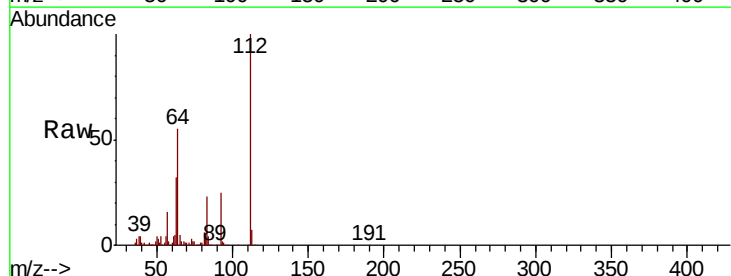
Instrument :
 BNA_G
 ClientSampled :
 BG-3

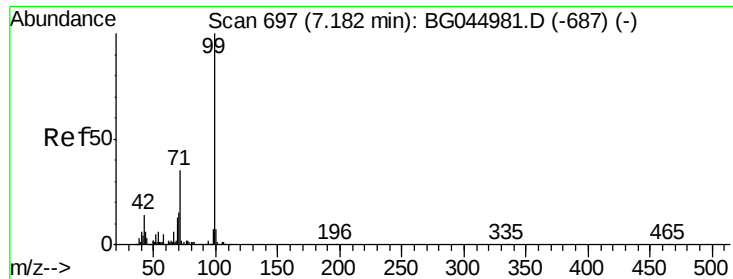
Tot Ion:152	Resp:	67631
Ion Ratio	Lower	Upper
152	100	
150	151.1	123.6 185.4
115	57.4	49.1 73.7



#5
 2-Fluorophenol
 Concen: 115.129 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BG045087.D
 Acq: 19 Apr 2020 4:20

Tgt Ion:112	Resp:	471625
Ion Ratio	Lower	Upper
112	100	
64	54.9	42.4 63.6
63	31.5	23.1 34.7





#7

Phenol-d6

Concen: 139.355 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG045087.D

Acq: 19 Apr 2020 4:20

Instrument :

BNA_G

ClientSampleId :

BG-3

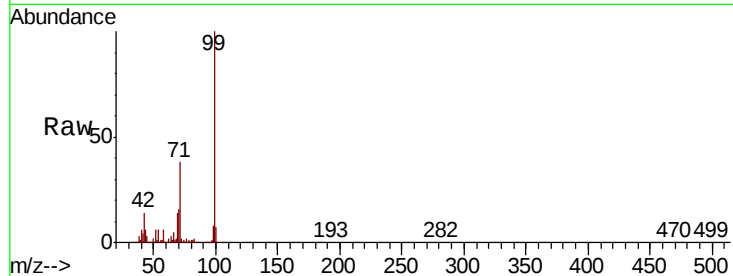
Tot Ion: 99 Resp: 848166

Ion Ratio Lower Upper

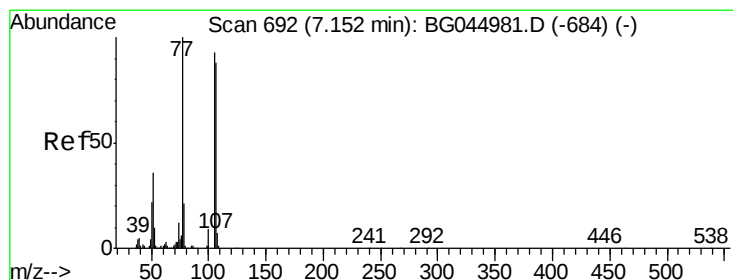
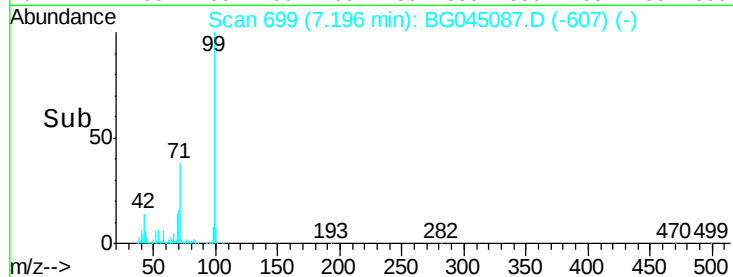
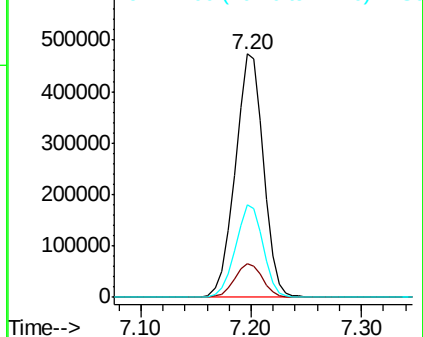
99 100

42 13.6 11.3 16.9

71 38.3 28.3 42.5



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: 7.578 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045087.D

Acq: 19 Apr 2020 4:20

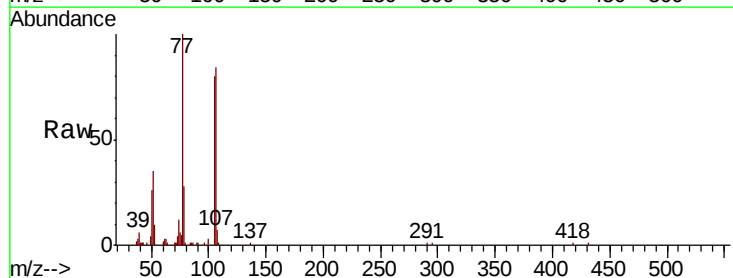
Tgt Ion: 77 Resp: 44518

Ion Ratio Lower Upper

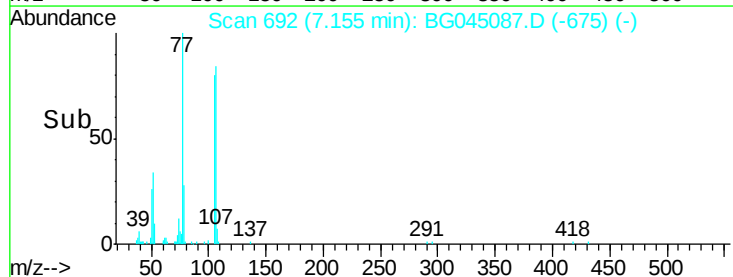
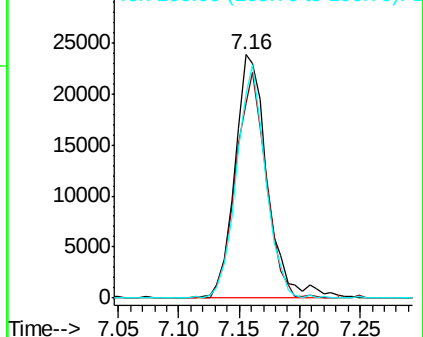
77 100

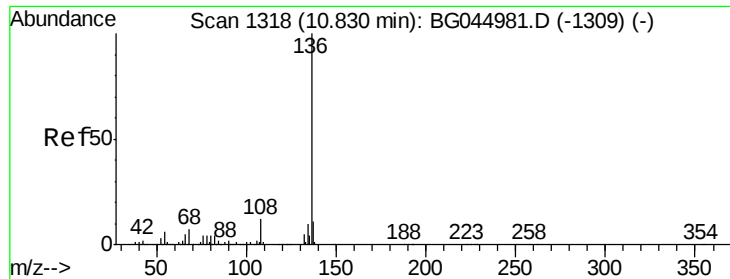
105 80.2 72.9 112.9

106 83.9 67.6 107.6



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

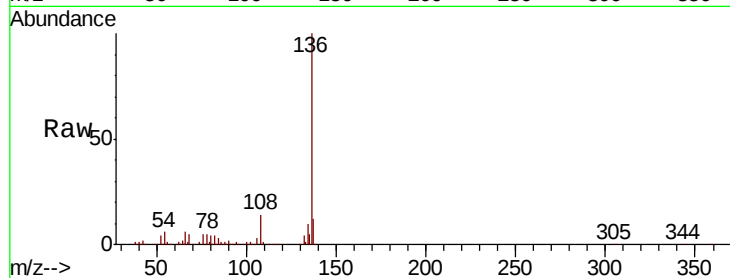




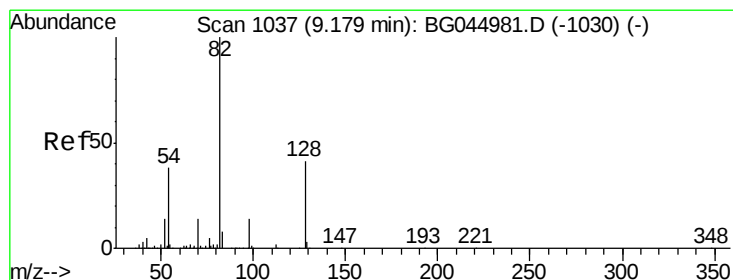
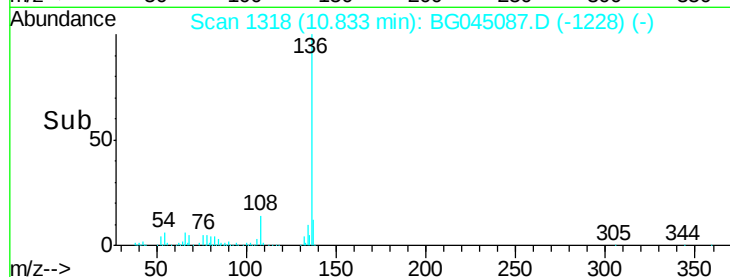
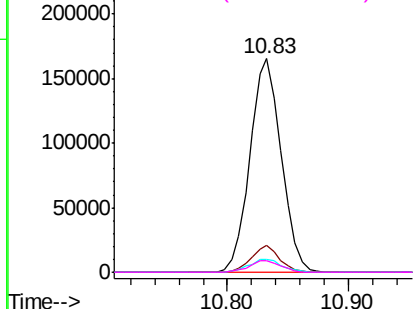
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045087.D
Acq: 19 Apr 2020 4:20

Instrument :
BNA_G
ClientSampleId :
BG-3

Tot Ion:136	Resp: 298623
Ion Ratio	Lower Upper
136 100	
137 12.5	8.6 13.0
54 6.0	4.8 7.2
68 5.2	5.2 7.8#

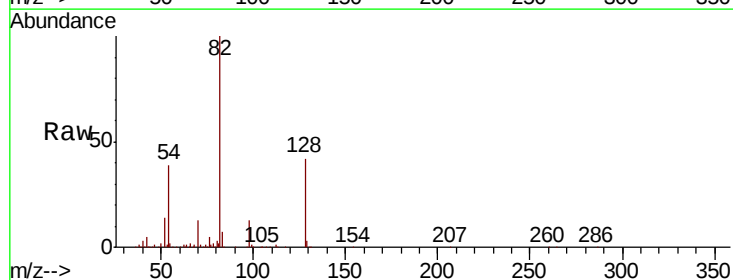


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

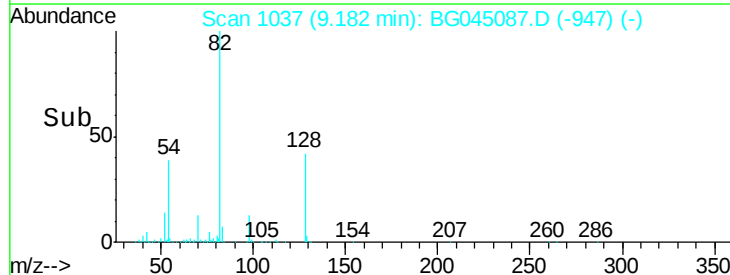
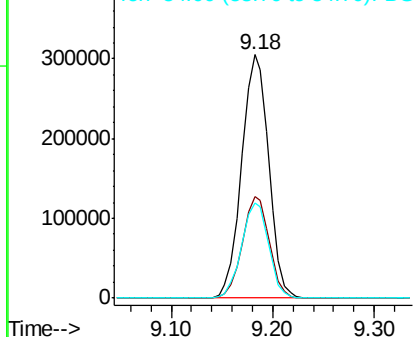


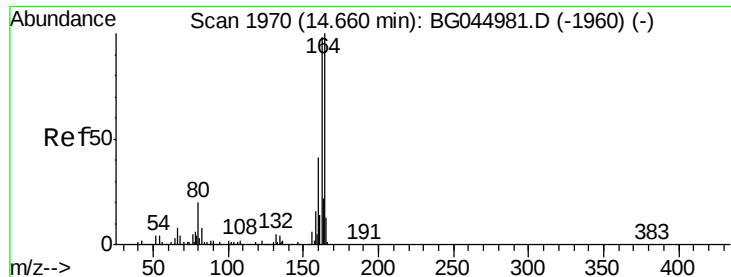
#23
Nitrobenzene-d5
Concen: 85.921 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045087.D
Acq: 19 Apr 2020 4:20

Tgt Ion: 82	Resp: 562318
Ion Ratio	Lower Upper
82 100	
128 41.7	33.0 49.4
54 38.9	30.4 45.6



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: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045087.D

Acq: 19 Apr 2020 4:20

Instrument :

BNA_G

ClientSampleId :

BG-3

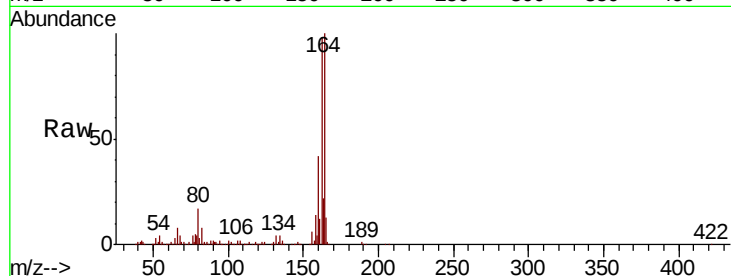
Tot Ion:164 Resp: 213175

Ion Ratio Lower Upper

164 100

162 98.4 78.7 118.1

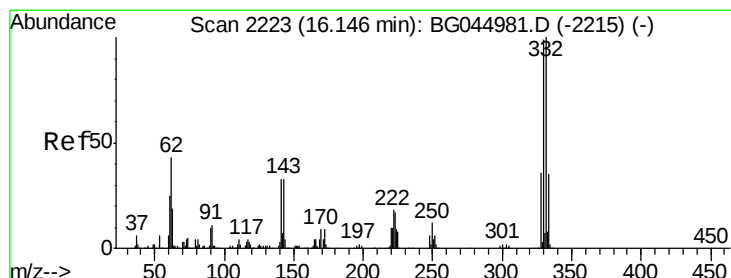
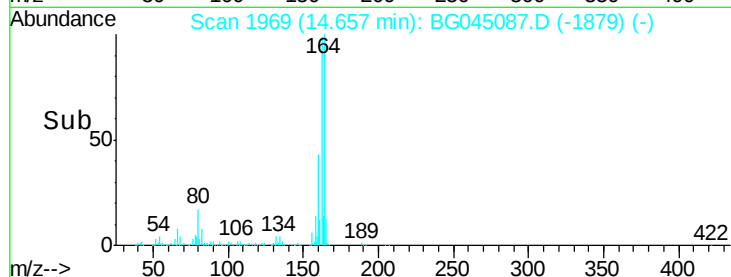
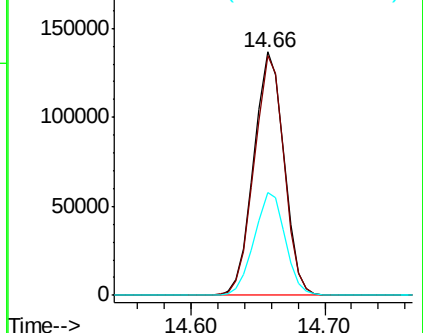
160 42.3 32.8 49.2



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: 142.078 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BG045087.D

Acq: 19 Apr 2020 4:20

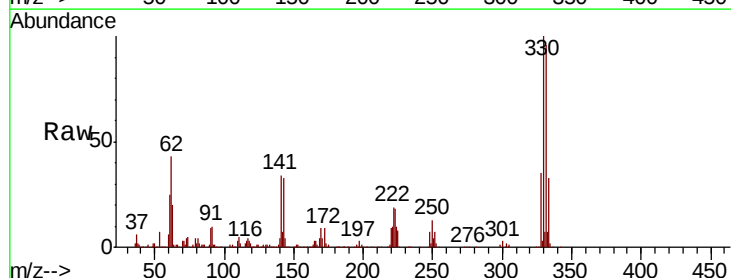
Tgt Ion:330 Resp: 467902

Ion Ratio Lower Upper

330 100

332 96.3 79.1 118.7

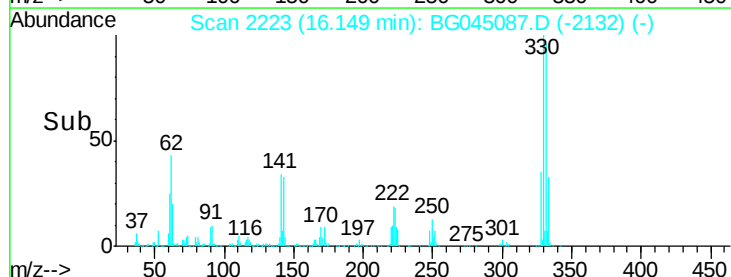
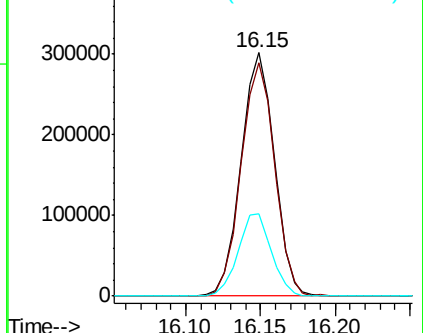
141 34.0 27.1 40.7

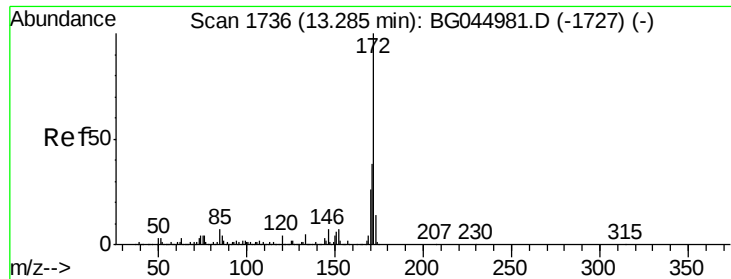


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

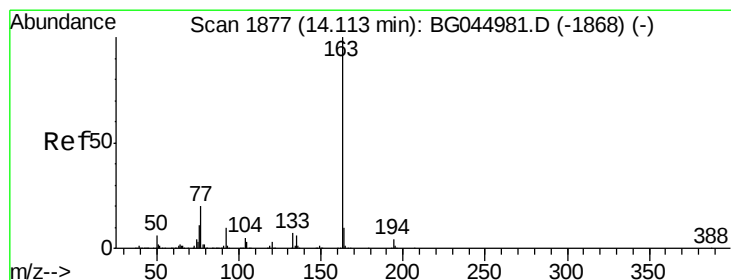
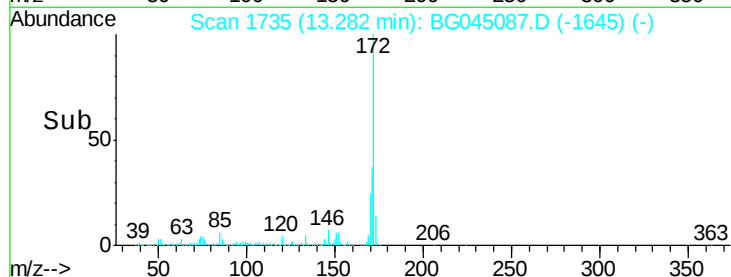
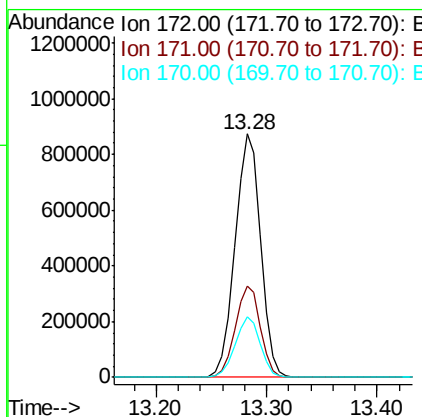
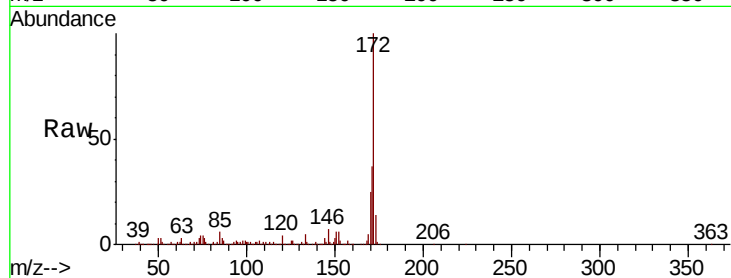




#45
2-Fluorobiphenyl
Concen: 97.389 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045087.D
Acq: 19 Apr 2020 4:20

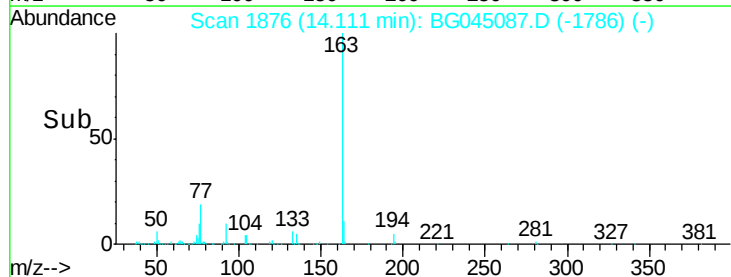
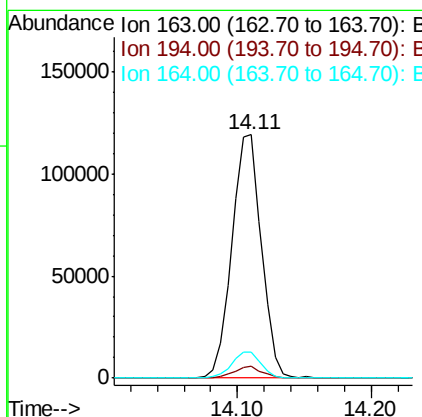
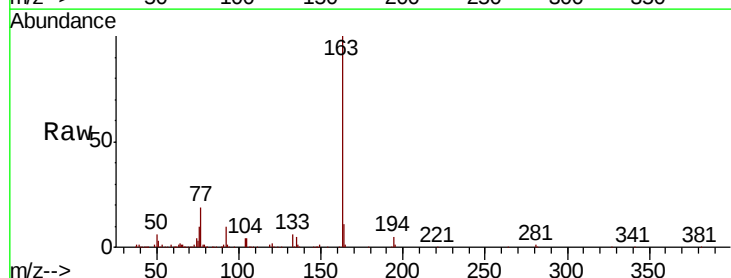
Instrument :
BNA_G
ClientSampled :
BG-3

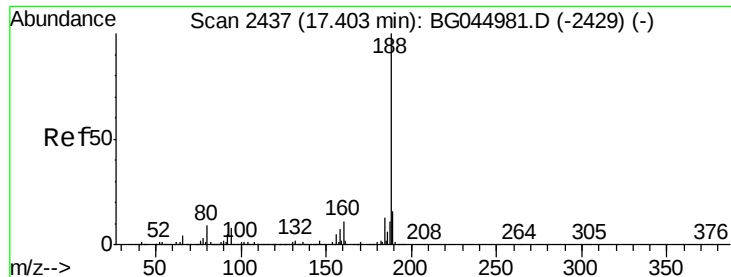
Tot Ion:172 Resp: 1415845
Ion Ratio Lower Upper
172 100
171 37.3 30.6 46.0
170 25.1 20.5 30.7



#50
Dimethylphthalate
Concen: 10.557 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG045087.D
Acq: 19 Apr 2020 4:20

Tgt Ion:163 Resp: 183247
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 10.9 8.2 12.4

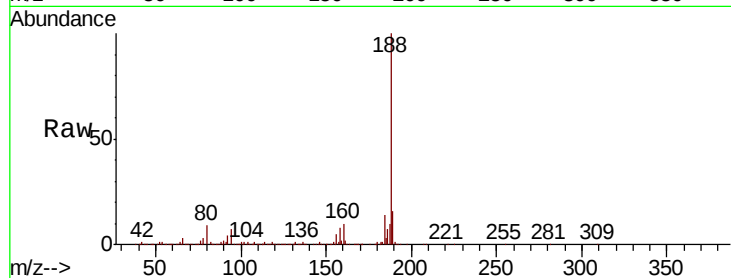




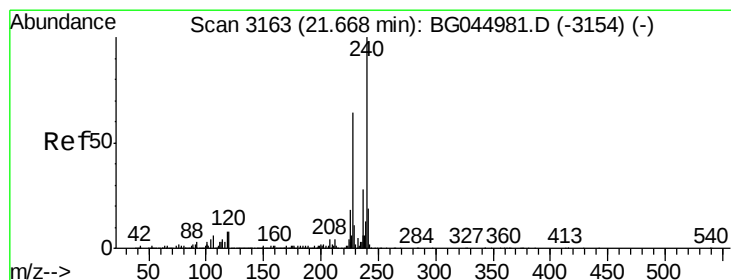
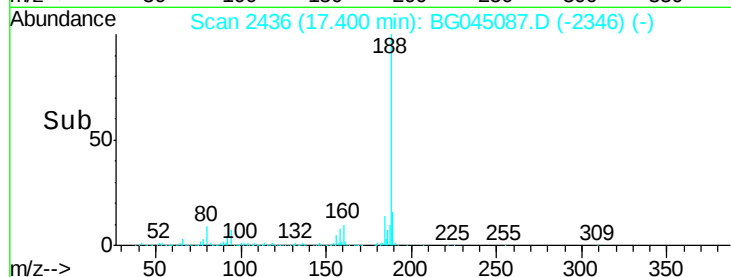
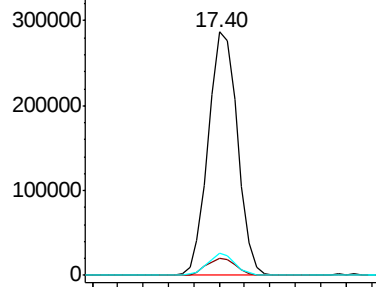
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045087.D
Acq: 19 Apr 2020 4:20

Instrument :
BNA_G
ClientSampleId :
BG-3

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.9	7.0	10.6

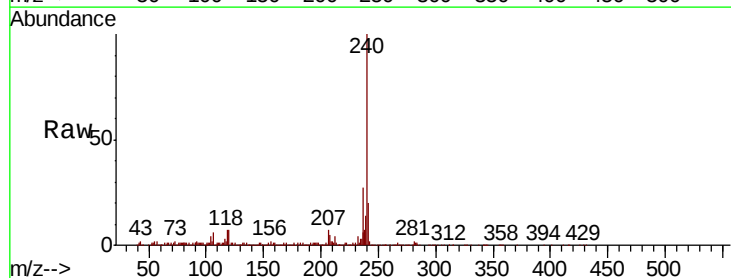


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

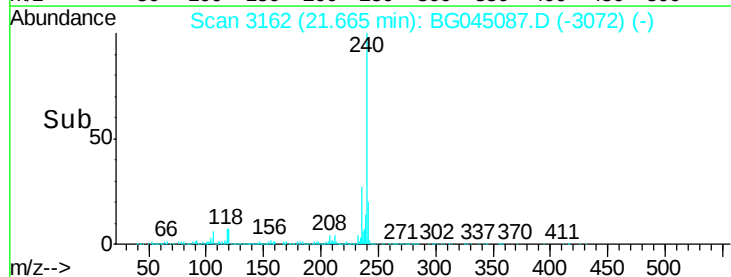
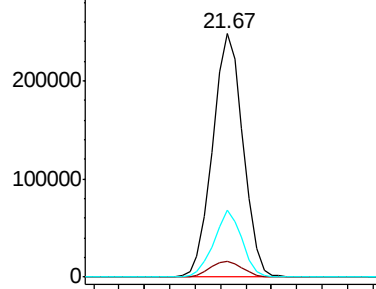


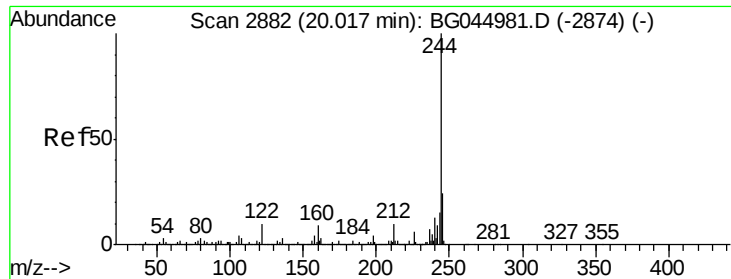
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045087.D
Acq: 19 Apr 2020 4:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.6	10.0
236	27.3	22.2	33.2



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: 108.519 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045087.D

Acq: 19 Apr 2020 4:20

Instrument :

BNA_G

ClientSampleId :

BG-3

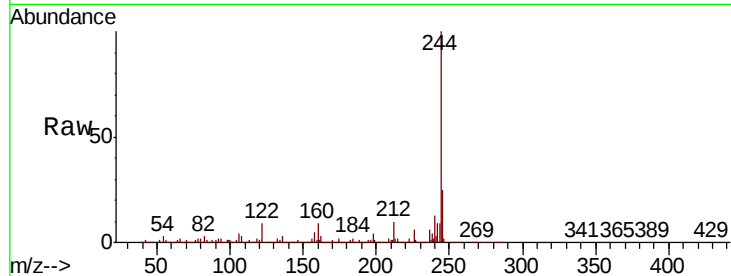
Tot Ion:244 Resp: 2048326

Ion Ratio Lower Upper

244 100

212 10.1 7.9 11.9

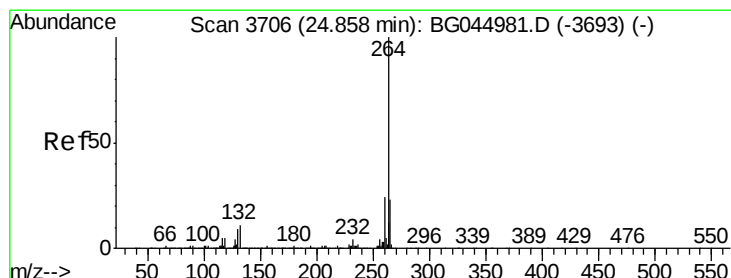
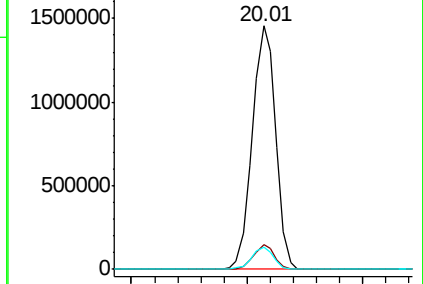
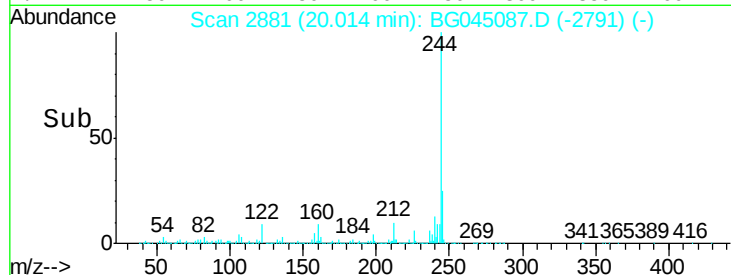
122 9.1 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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: 24.86 min Scan# 3706

Delta R.T. 0.01 min

Lab File: BG045087.D

Acq: 19 Apr 2020 4:20

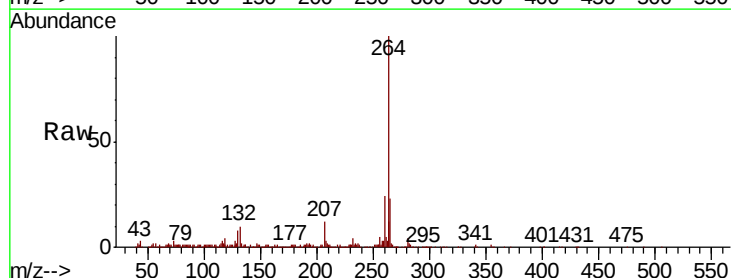
Tgt Ion:264 Resp: 437031

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 23.1 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

