

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045314.D
 Acq On : 12 May 2020 4:03
 Operator : CG/JU
 Sample : L2557-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12A

Quant Time: May 12 05:39:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

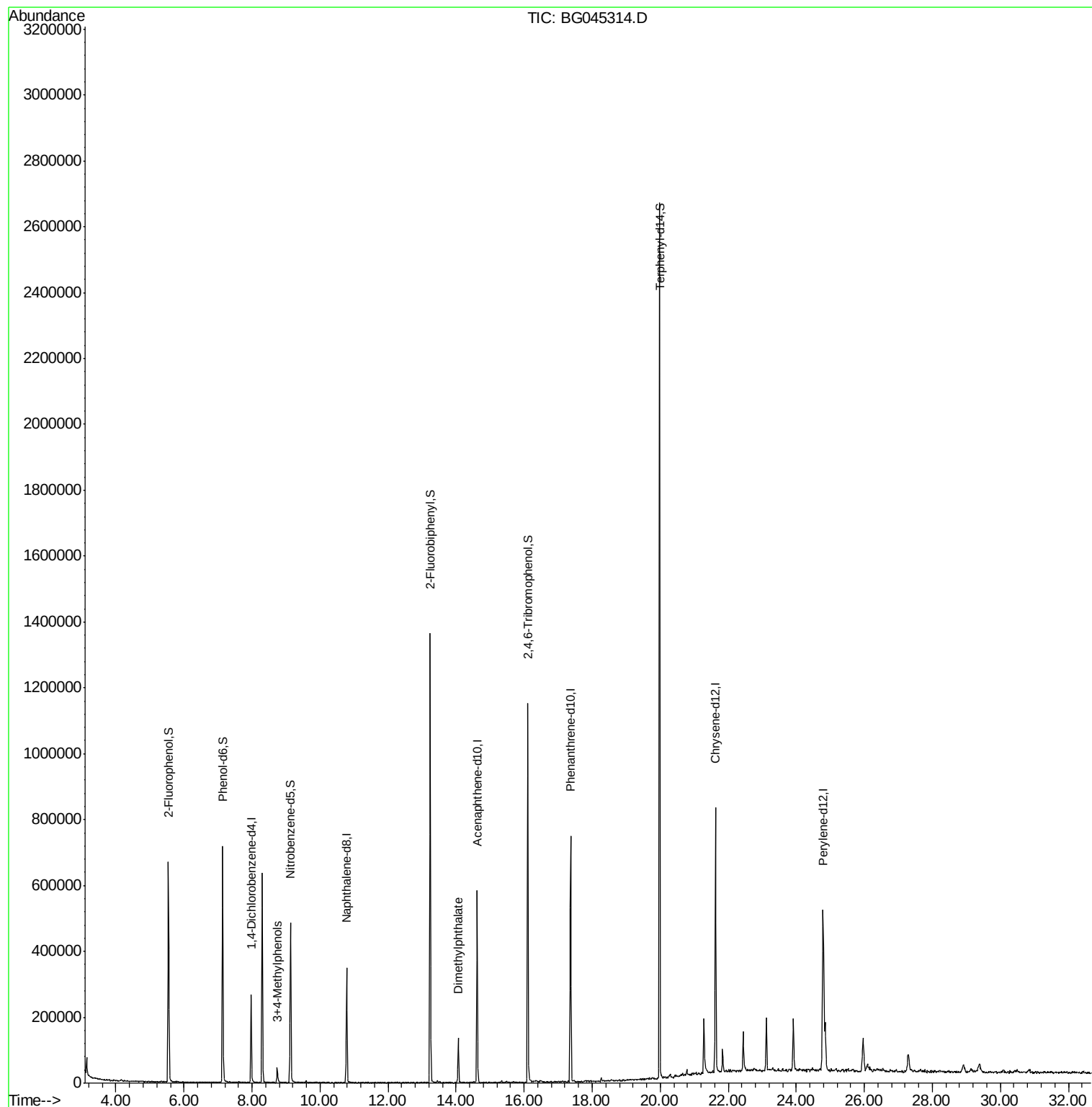
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	79728	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	318732	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	215689	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	513667	20.00	ng	0.00
76) Chrysene-d12	21.63	240	520439	20.00	ng	-0.01
87) Perylene-d12	24.79	264	556687	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	328963	68.12	ng	0.00
7) Phenol-d6	7.14	99	496019	69.13	ng	0.00
23) Nitrobenzene-d5	9.13	82	329921	47.23	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	236713	71.04	ng	-0.01
45) 2-Fluorobiphenyl	13.24	172	775055	52.69	ng	0.00
79) Terphenyl-d14	19.98	244	1339512	56.10	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.74	107	25112	3.24	ng	90
50) Dimethylphthalate	14.07	163	96837	5.51	ng	98

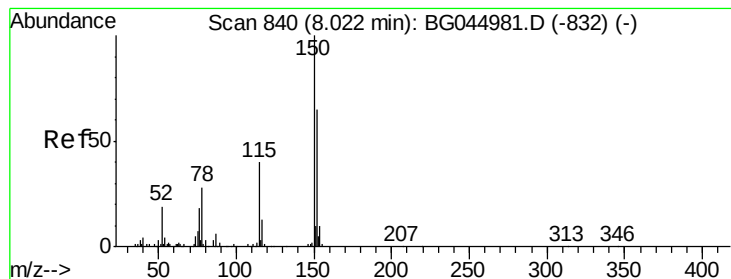
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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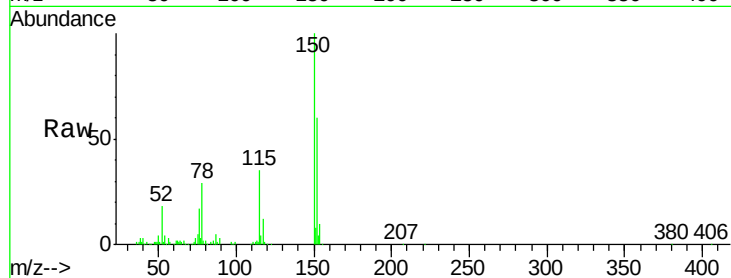


#1

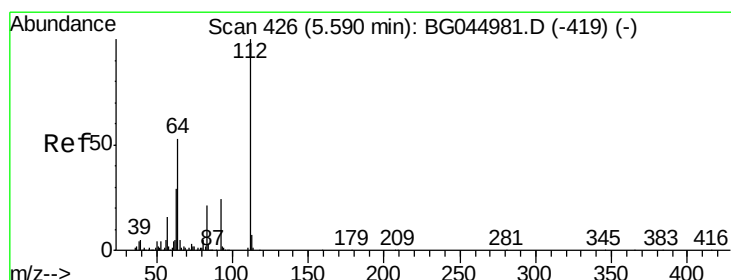
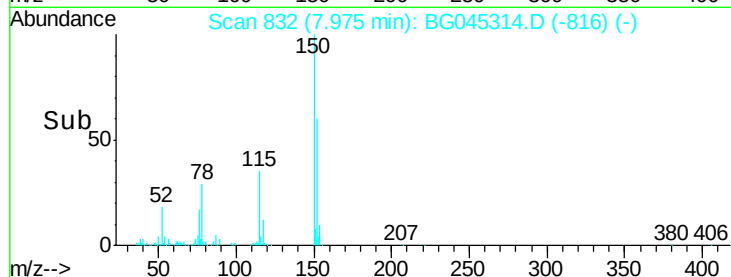
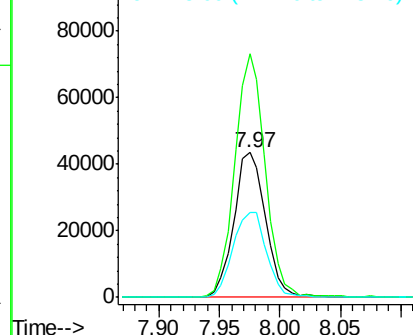
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.97 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG045314.D
 Acq: 12 May 2020 4:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-12A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	167.9	123.6	185.4
115	58.7	49.1	73.7



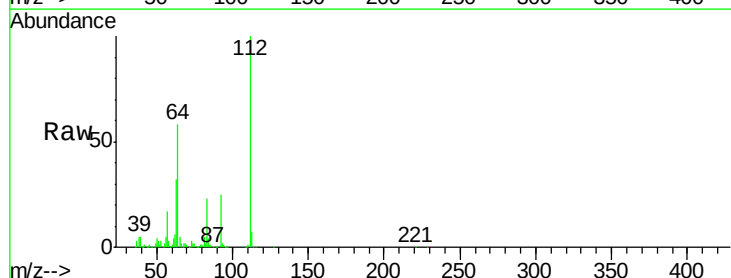
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



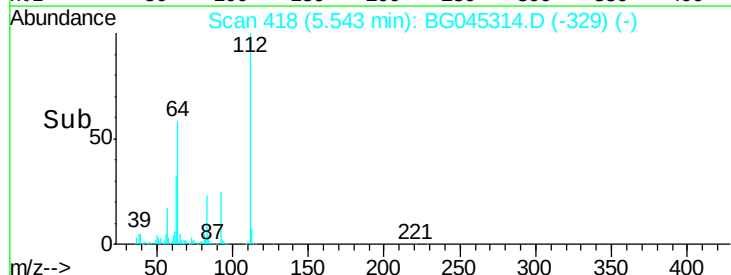
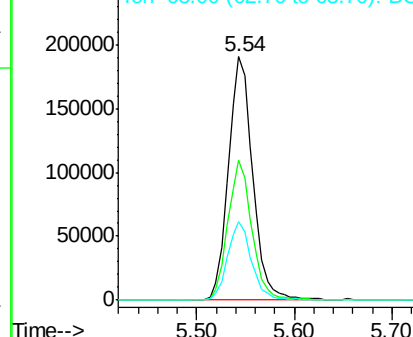
#5

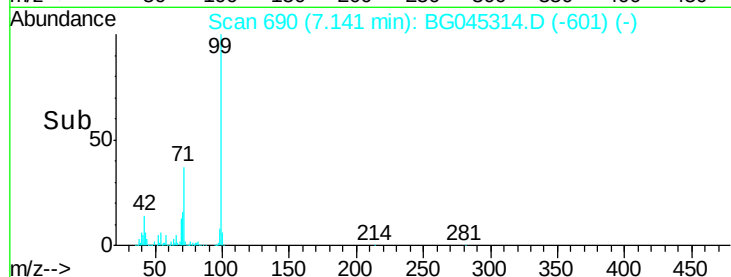
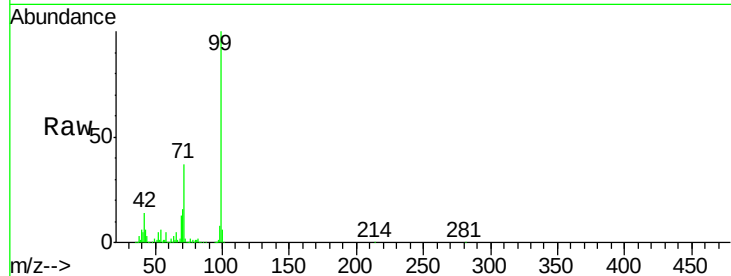
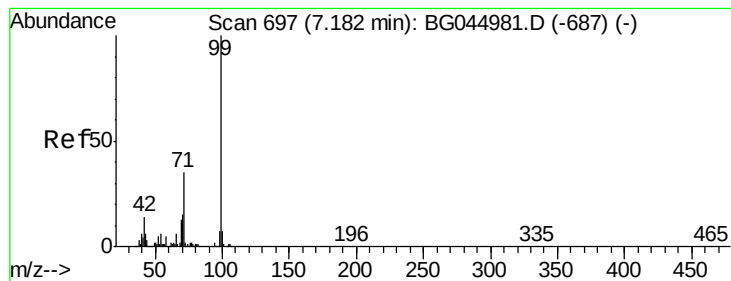
2-Fluorophenol
 Concen: 68.12 ng
 RT: 5.54 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BG045314.D
 Acq: 12 May 2020 4:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	42.4	63.6
63	32.1	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 69.13 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045314.D

Acq: 12 May 2020 4:03

Instrument :

BNA_G

ClientSampleId :

TP-12A

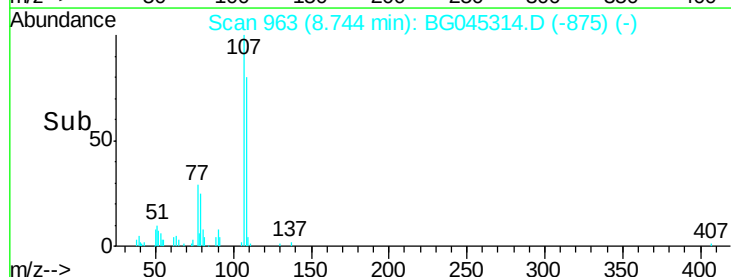
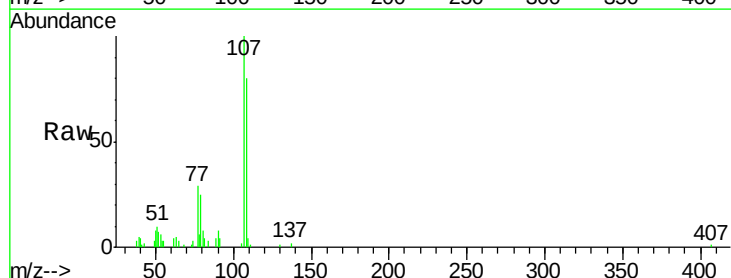
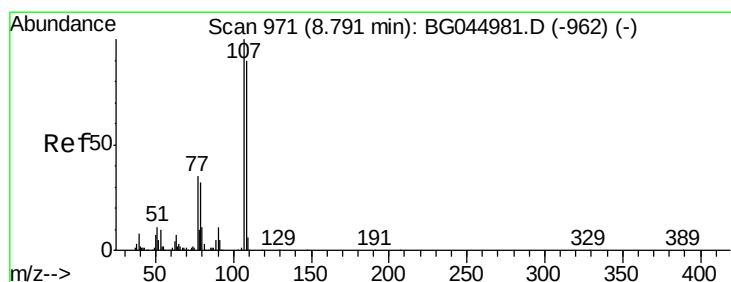
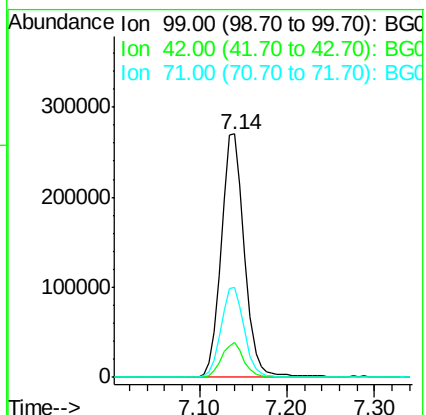
Tgt Ion: 99 Resp: 496019

Ion Ratio Lower Upper

99 100

42 14.1 11.3 16.9

71 36.9 28.3 42.5



#20

3+4-Methylphenols

Concen: 3.24 ng

RT: 8.74 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG045314.D

Acq: 12 May 2020 4:03

Tgt Ion: 107 Resp: 25112

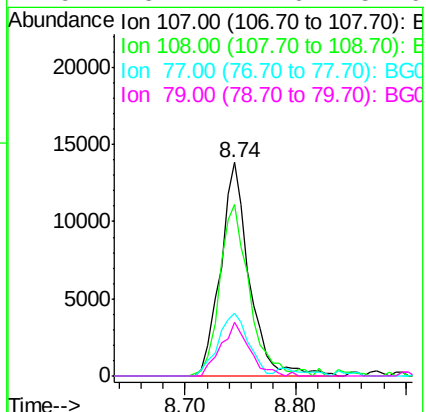
Ion Ratio Lower Upper

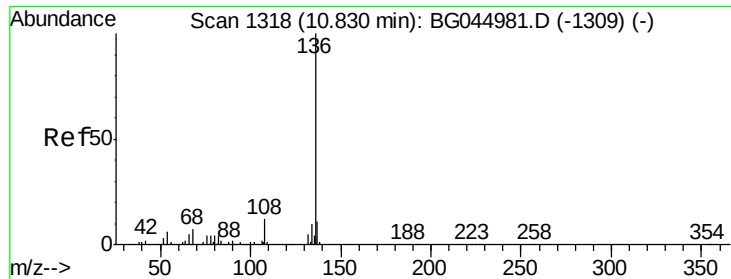
107 100

108 80.2 69.9 109.9

77 29.4 15.2 55.2

79 25.1 11.6 51.6

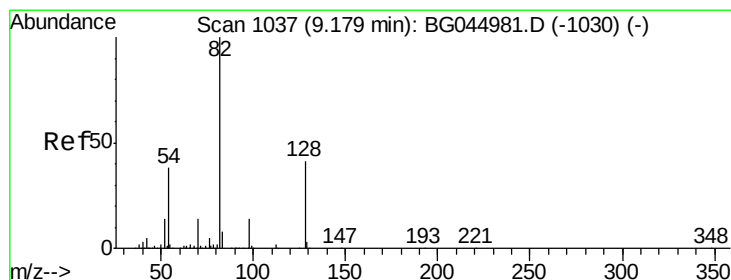
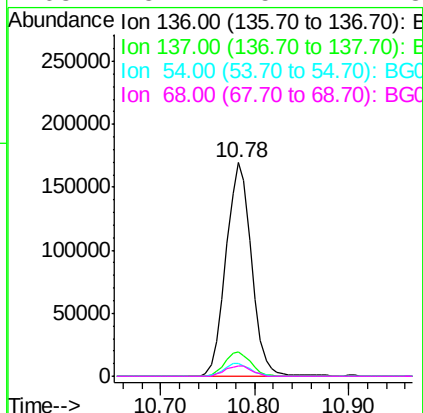
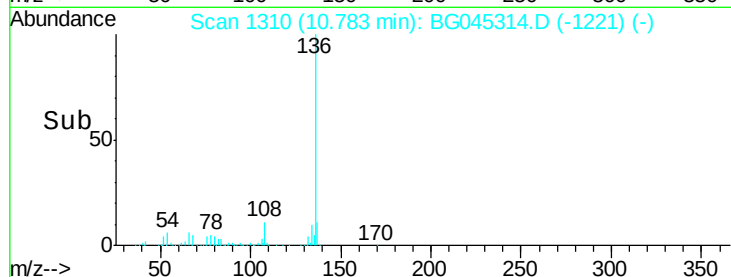
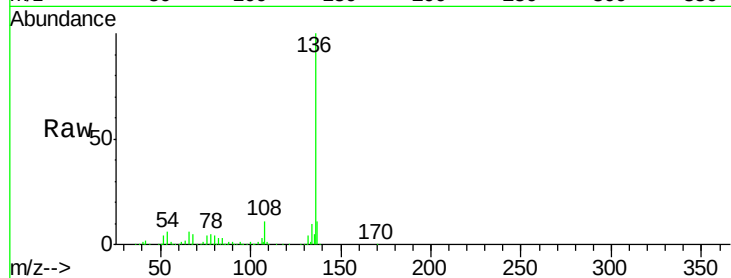




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

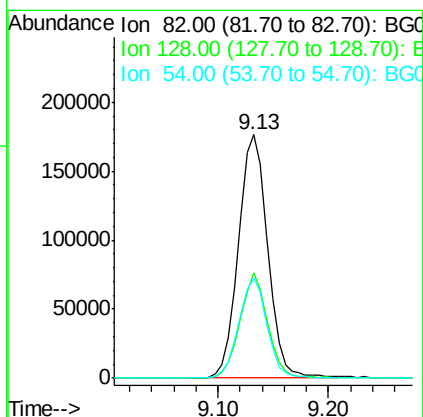
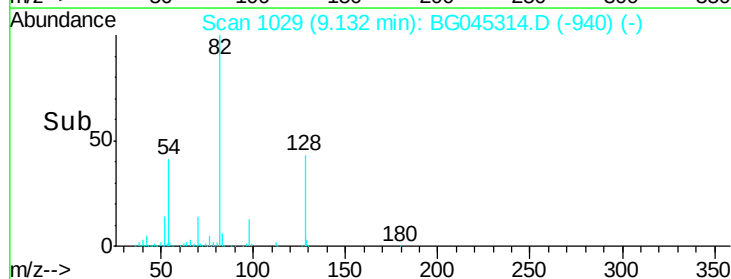
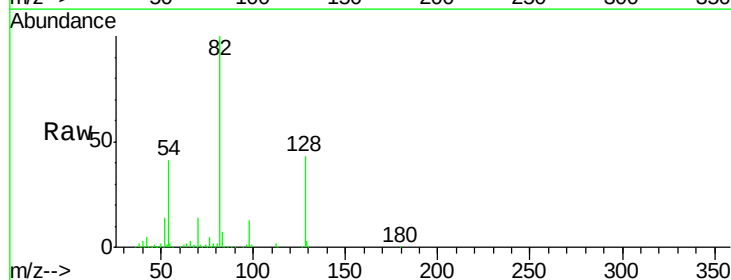
Instrument :
BNA_G
ClientSampleId :
TP-12A

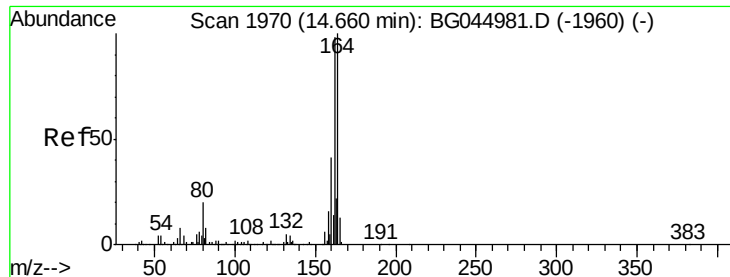
Tgt Ion:	136	Resp:	318732
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.0	4.8	7.2
68	5.1	5.2	7.8#



#23
Nitrobenzene-d5
Concen: 47.23 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:	82	Resp:	329921
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.0	49.4
54	41.1	30.4	45.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG045314.D

Acq: 12 May 2020 4:03

Instrument :

BNA_G

ClientSampleId :

TP-12A

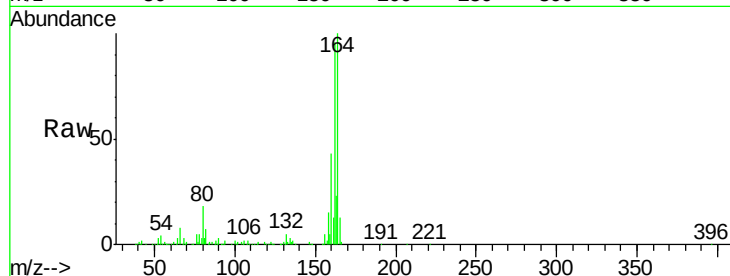
Tgt Ion:164 Resp: 215689

Ion Ratio Lower Upper

164 100

162 95.7 78.7 118.1

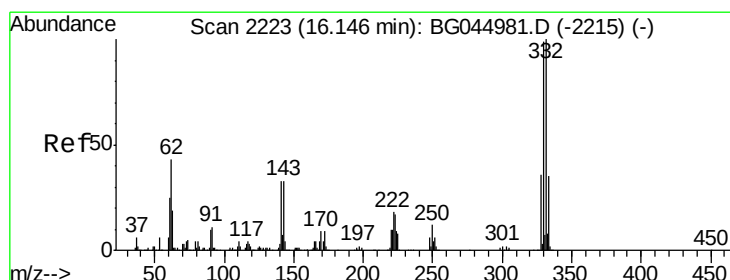
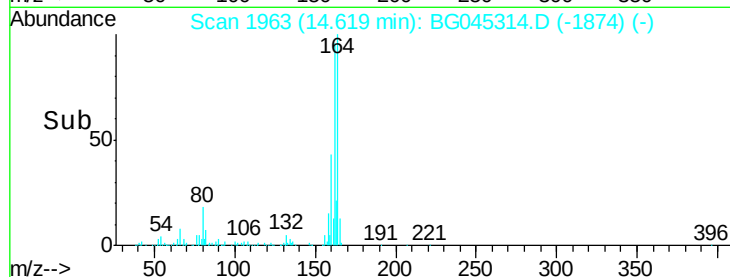
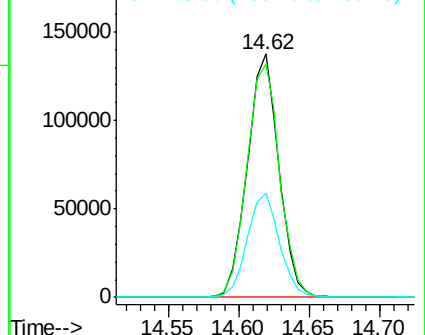
160 42.7 32.8 49.2



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: 71.04 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG045314.D

Acq: 12 May 2020 4:03

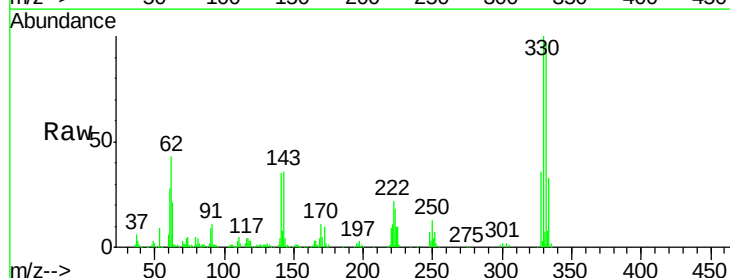
Tgt Ion:330 Resp: 236713

Ion Ratio Lower Upper

330 100

332 98.3 79.1 118.7

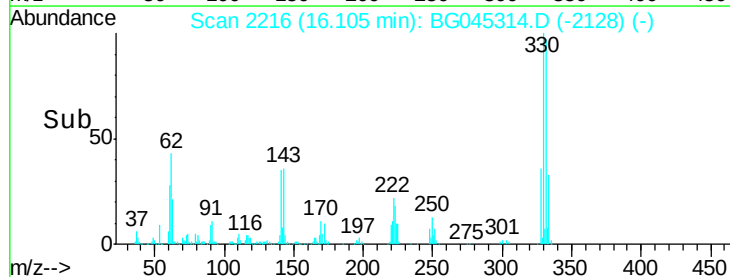
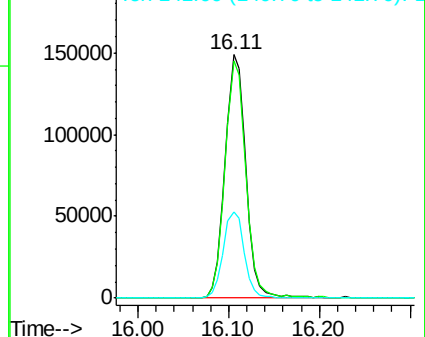
141 35.7 27.1 40.7

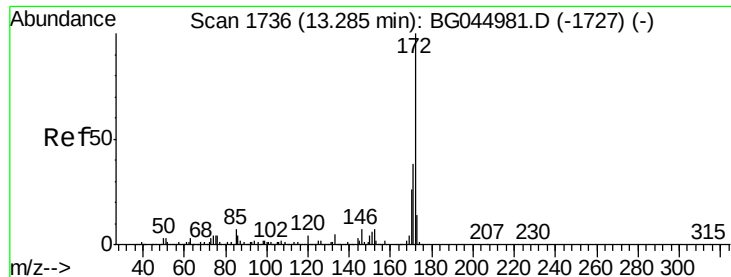


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

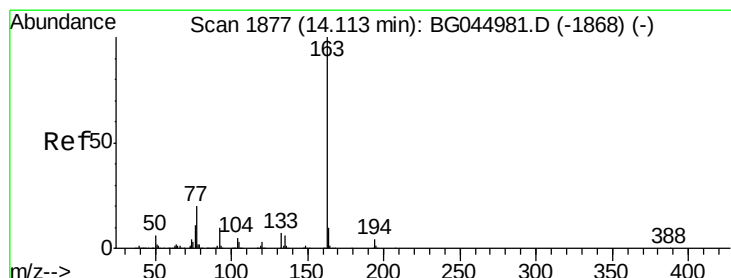
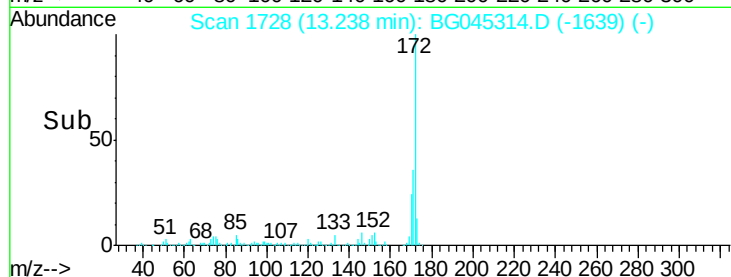
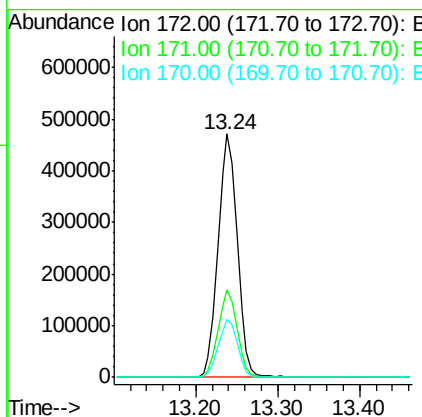
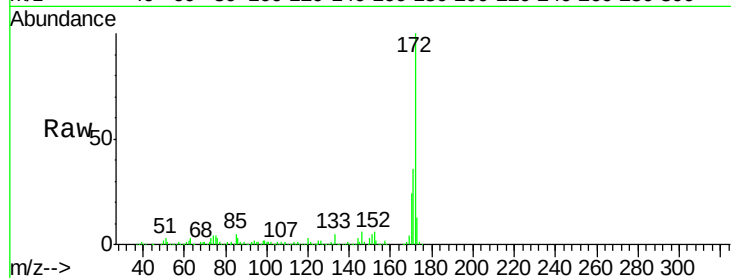




#45
 2-Fluorobiphenyl
 Concen: 52.69 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG045314.D
 Acq: 12 May 2020 4:03

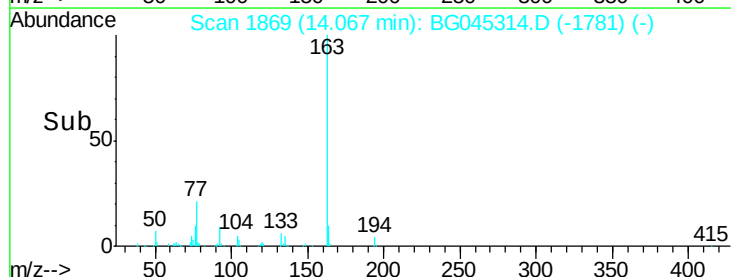
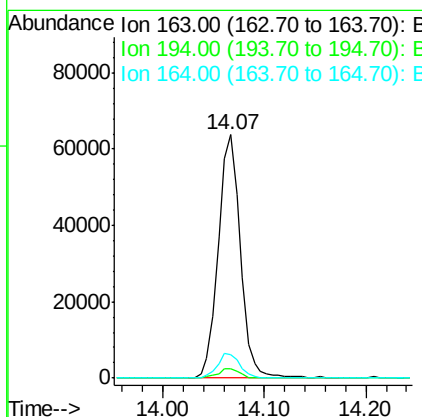
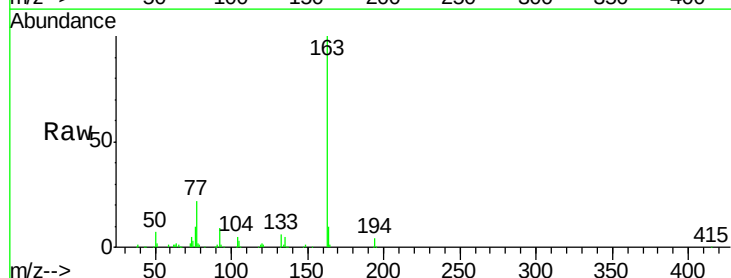
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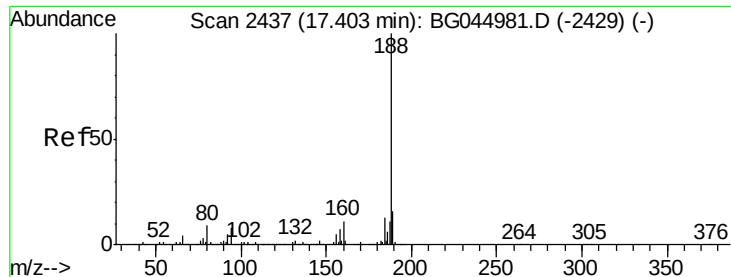
Tgt Ion:	172	Resp:	775055
Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.6	46.0
170	23.6	20.5	30.7



#50
 Dimethylphthalate
 Concen: 5.51 ng
 RT: 14.07 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BG045314.D
 Acq: 12 May 2020 4:03

Tgt Ion:	163	Resp:	96837
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.6	8.2	12.4

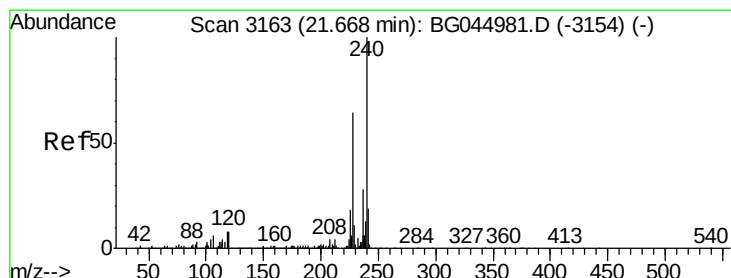
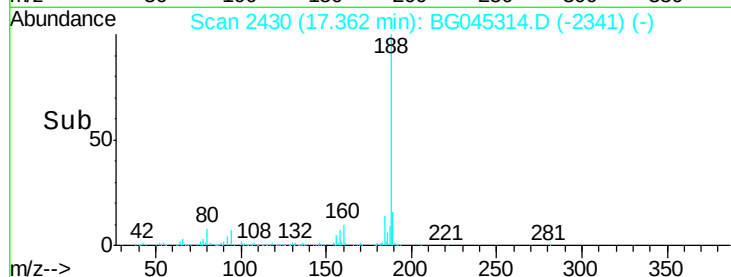
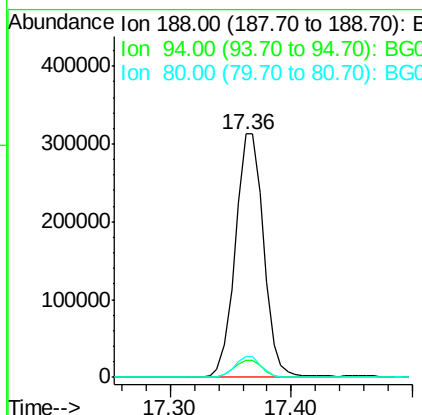
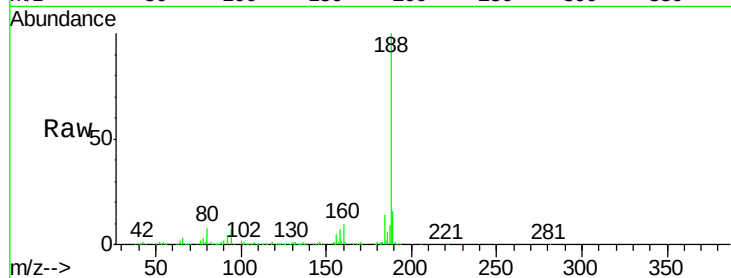




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

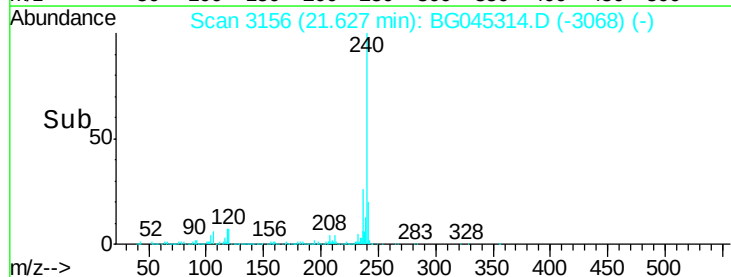
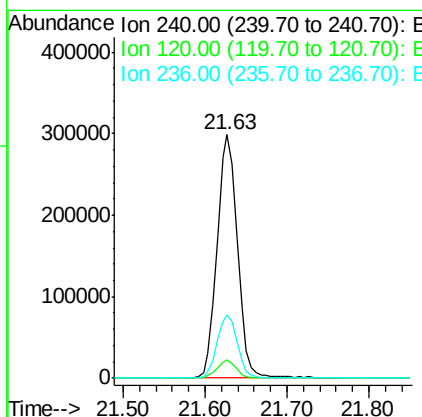
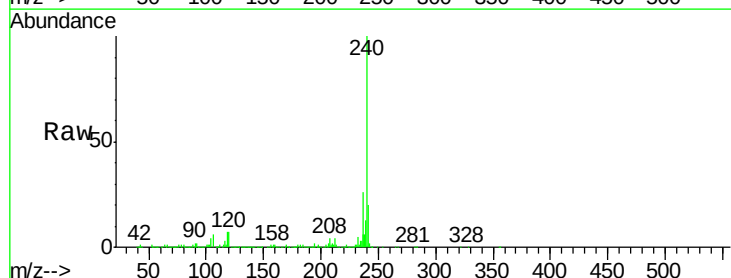
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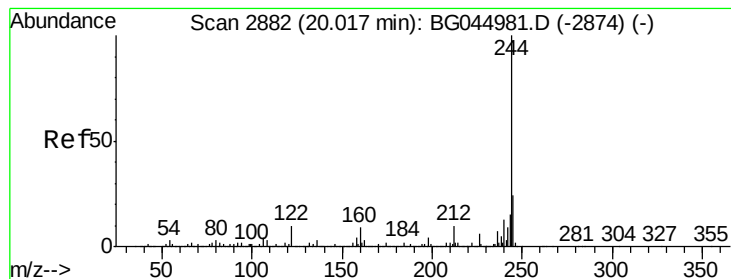
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.4
80	8.4	7.0	10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.0	22.2	33.2





#79

Terphenyl-d14

Concen: 56.10 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045314.D

Acq: 12 May 2020 4:03

Instrument :

BNA_G

ClientSampleId :

TP-12A

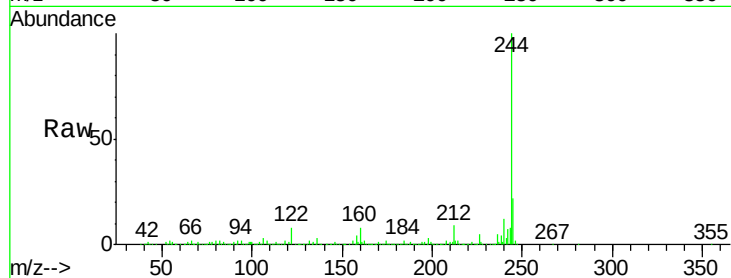
Tgt Ion:244 Resp: 1339512

Ion Ratio Lower Upper

244 100

212 8.7 7.9 11.9

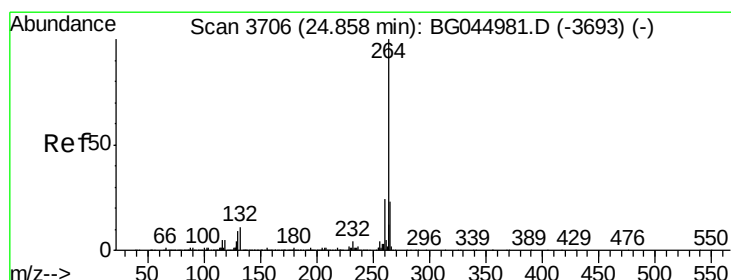
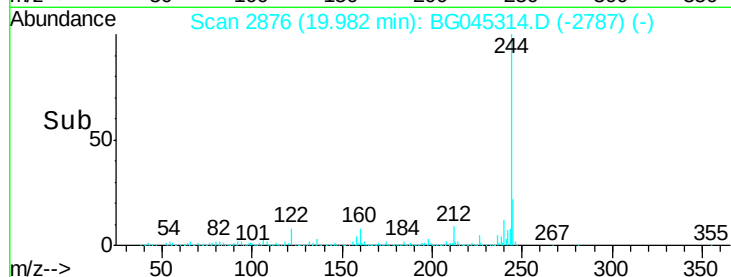
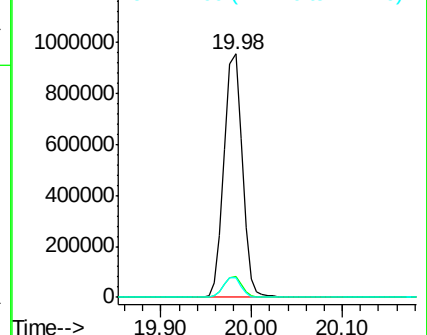
122 7.8 7.7 11.5



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: 20.00 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.02 min

Lab File: BG045314.D

Acq: 12 May 2020 4:03

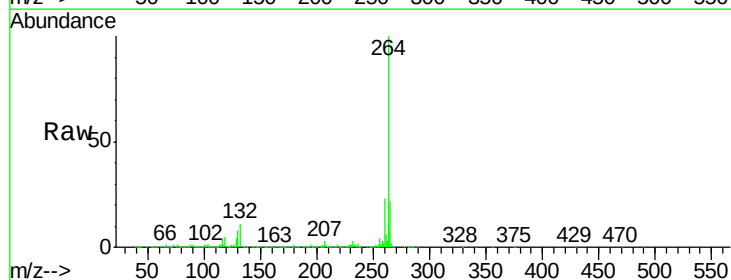
Tgt Ion:264 Resp: 556687

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.9 19.0 28.4



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

