

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042533.D
 Acq On : 28 Aug 2019 15:21
 Operator : HP/JU
 Sample : K4560-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S404-K1-1.0-1.5-082619

Quant Time: Aug 28 16:37:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

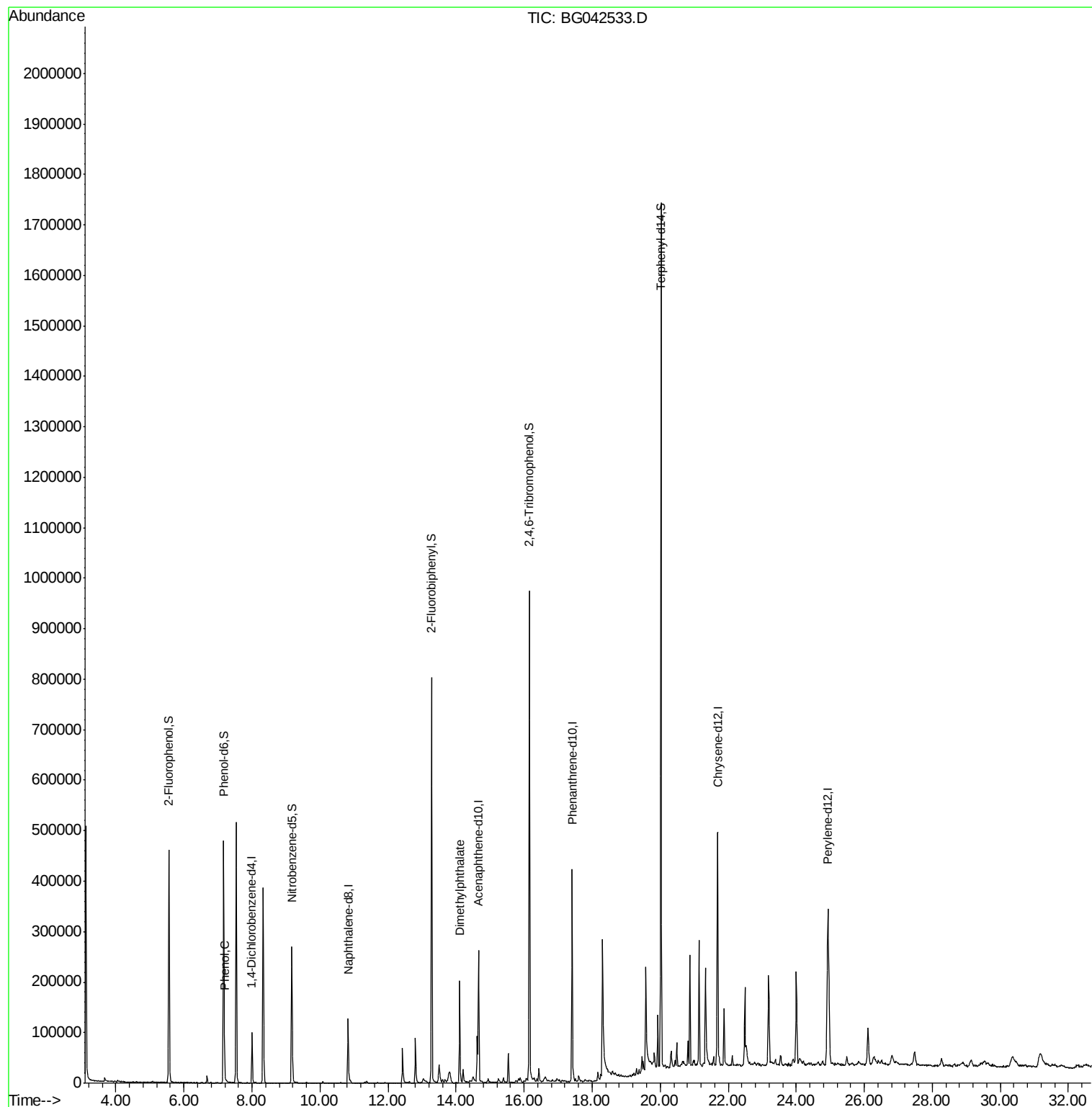
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33096	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129936	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	107797	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	280178	20.00	ng	0.00
76) Chrysene-d12	21.69	240	296719	20.00	ng	0.00
87) Perylene-d12	24.93	264	352671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	240752	147.33	ng	0.00
7) Phenol-d6	7.17	99	329532	149.29	ng	0.00
23) Nitrobenzene-d5	9.17	82	176490	93.86	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	236791	154.55	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	485323	76.14	ng	0.00
79) Terphenyl-d14	20.02	244	917282	66.83	ng	0.00
Target Compounds						
10) Phenol	7.20	94	8214	3.660	ng	87
50) Dimethylphthalate	14.10	163	155315	19.969	ng	99

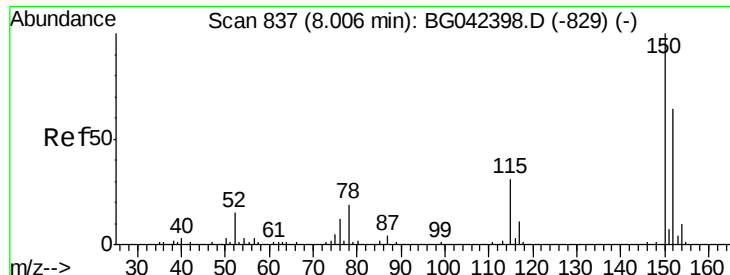
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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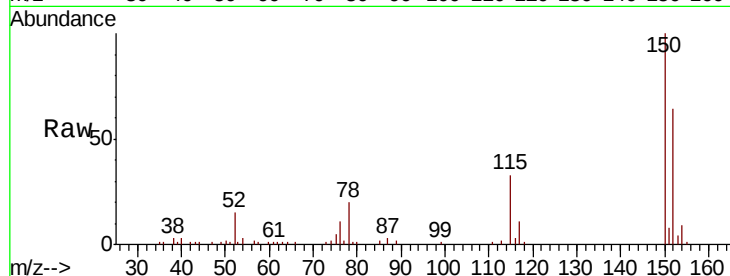


#1

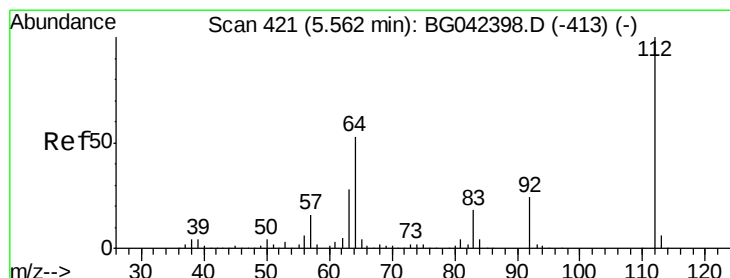
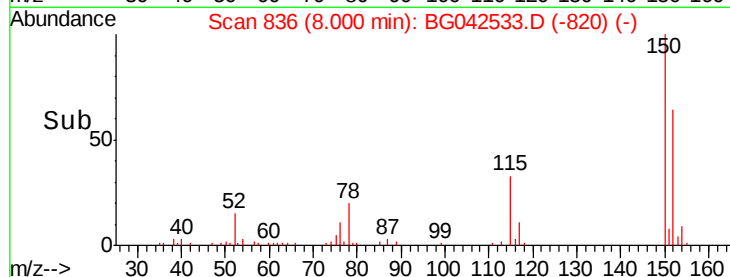
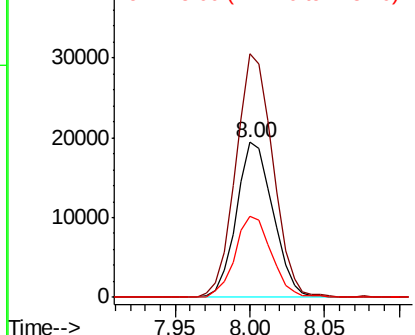
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042533.D
Acq: 28 Aug 2019 15:21

Instrument :
BNA_G
ClientSampleId :
S404-K1-1.0-1.5-082619

Tot Ion:152 Resp: 33096
Ion Ratio Lower Upper
152 100
150 157.0 125.4 188.0
115 52.5 38.5 57.7



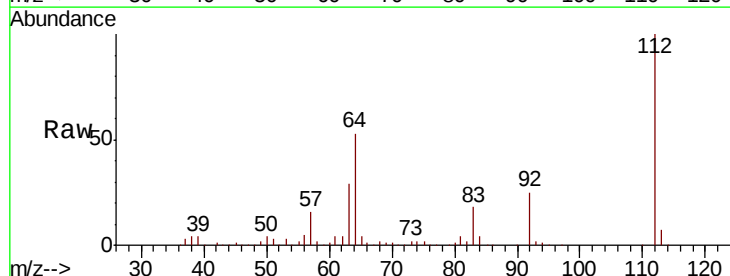
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



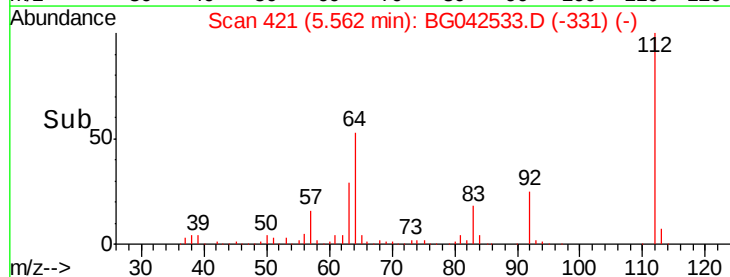
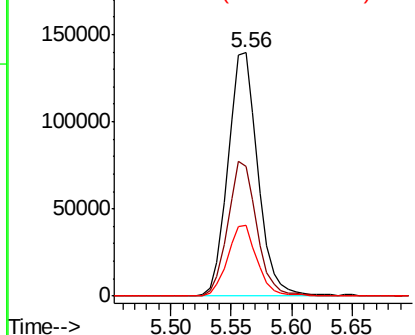
#5

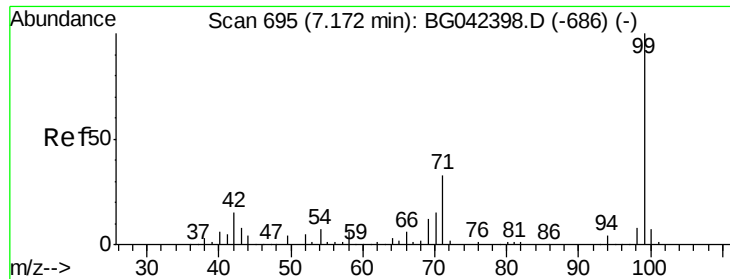
2-Fluorophenol
Concen: 147.327 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042533.D
Acq: 28 Aug 2019 15:21

Tgt Ion:112 Resp: 240752
Ion Ratio Lower Upper
112 100
64 53.3 42.8 64.2
63 29.0 22.7 34.1



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





#7

Phenol-d6

Concen: 149.289 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042533.D

Acq: 28 Aug 2019 15:21

Instrument :

BNA_G

ClientSampleId :

S404-K1-1.0-1.5-082619

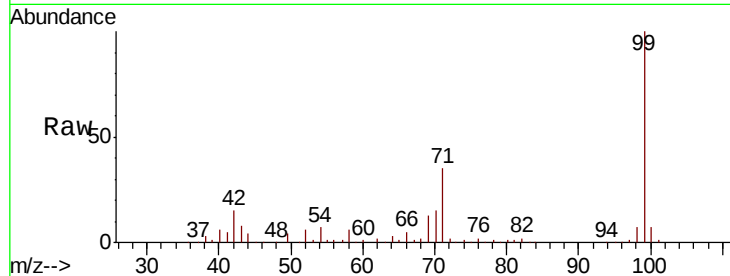
Tot Ion: 99 Resp: 329532

Ion Ratio Lower Upper

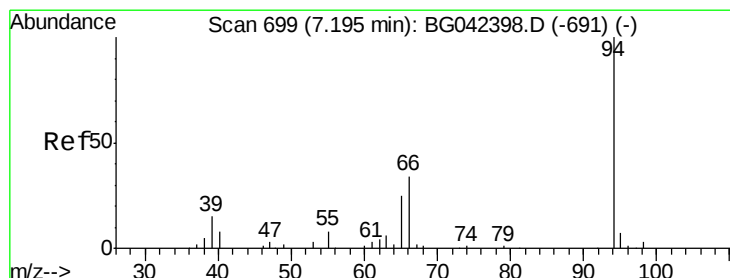
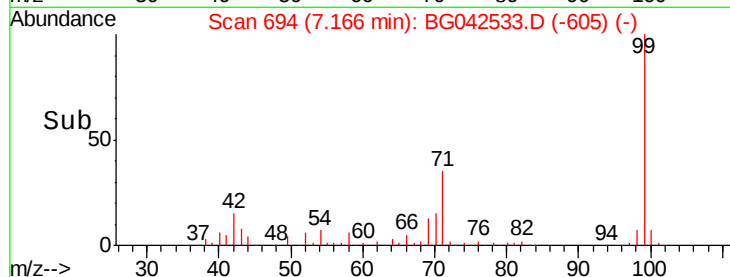
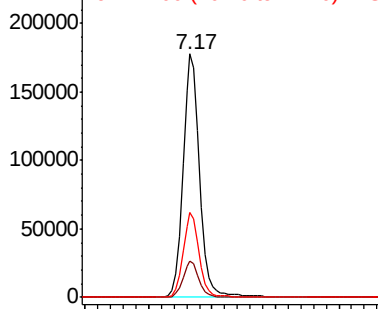
99 100

42 14.7 12.0 18.0

71 34.9 26.3 39.5



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



#10

Phenol

Concen: 3.660 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042533.D

Acq: 28 Aug 2019 15:21

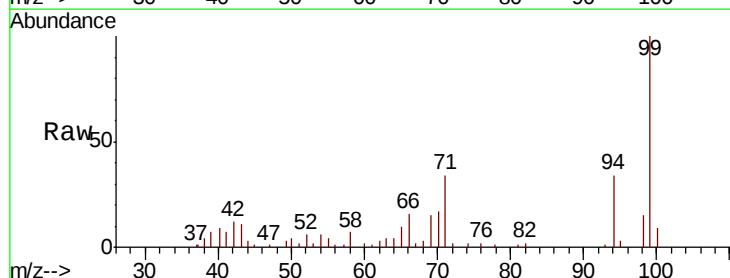
Tgt Ion: 94 Resp: 8214

Ion Ratio Lower Upper

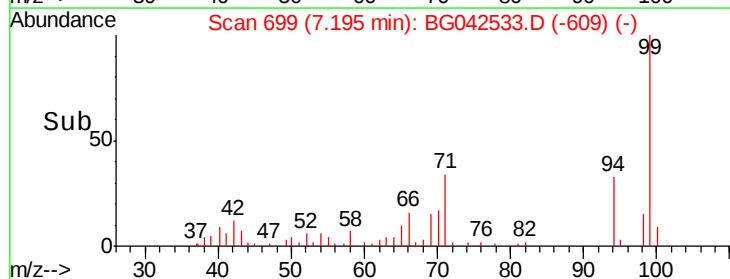
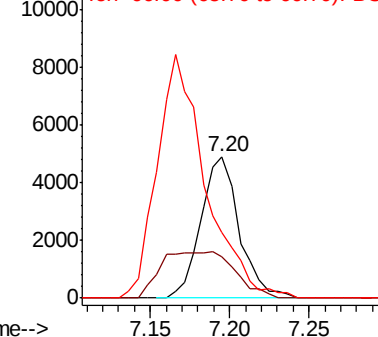
94 100

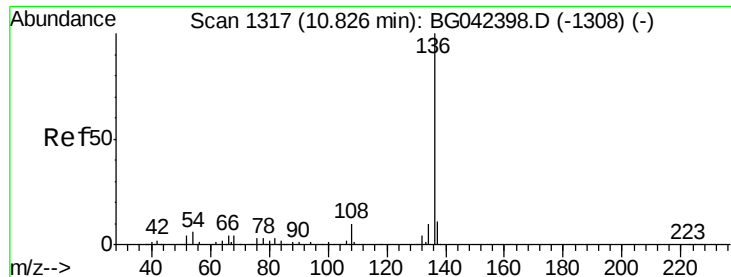
65 28.9 5.6 45.6

66 46.0 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

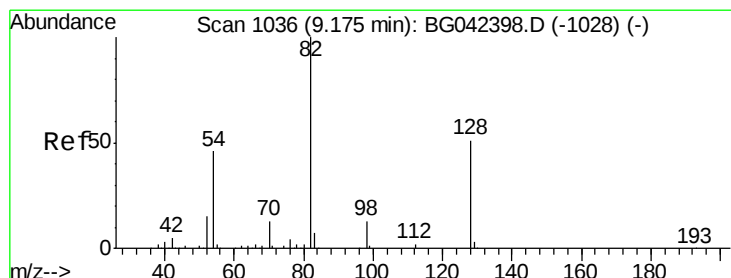
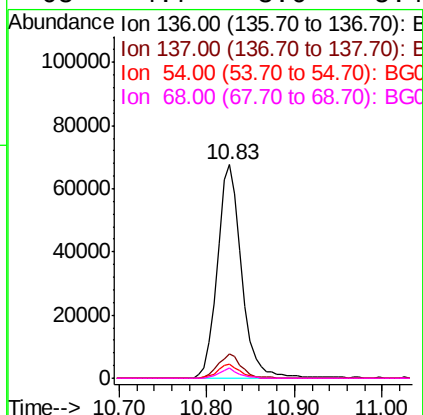
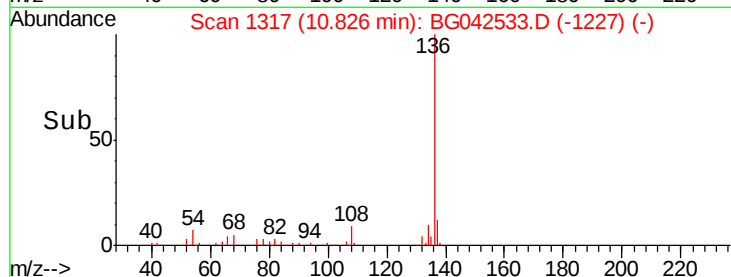
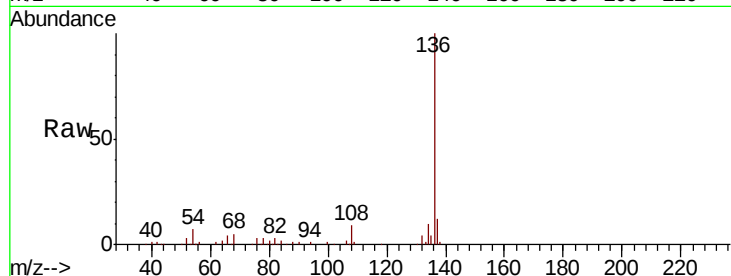




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042533.D
Acq: 28 Aug 2019 15:21

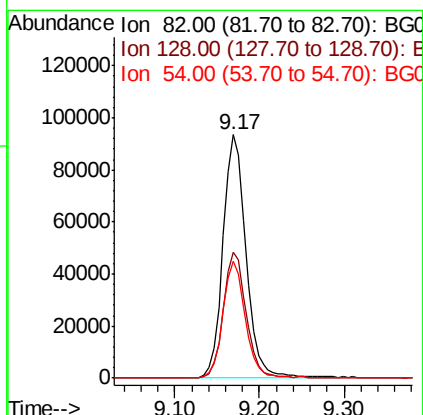
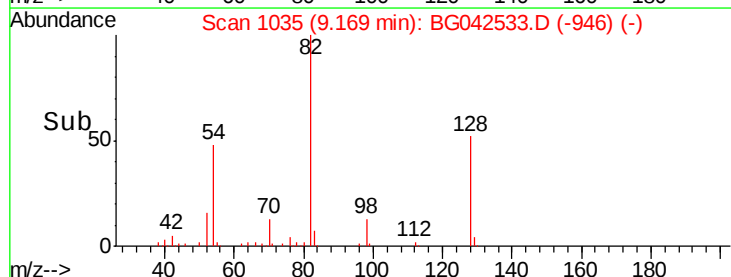
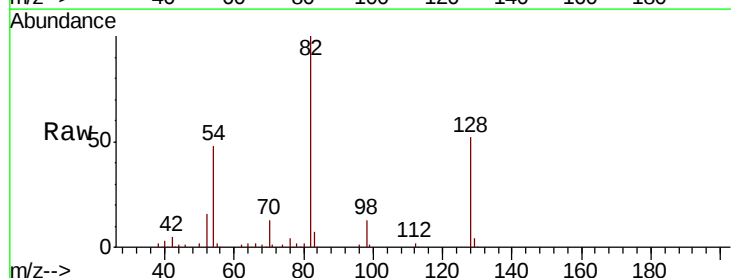
Instrument :
BNA_G
ClientSampleId :
S404-K1-1.0-1.5-082619

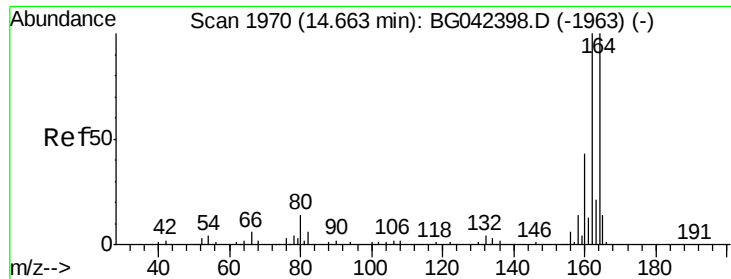
Tot Ion:136	Resp:	129936
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.7	13.1
54 6.5	4.9	7.3
68 4.7	3.6	5.4



#23
Nitrobenzene-d5
Concen: 93.863 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042533.D
Acq: 28 Aug 2019 15:21

Tgt Ion: 82	Resp: 176490
Ion Ratio	Lower Upper
82 100	
128 51.5	40.7 61.1
54 48.3	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042533.D

Acq: 28 Aug 2019 15:21

Instrument :

BNA_G

ClientSampleId :

S404-K1-1.0-1.5-082619

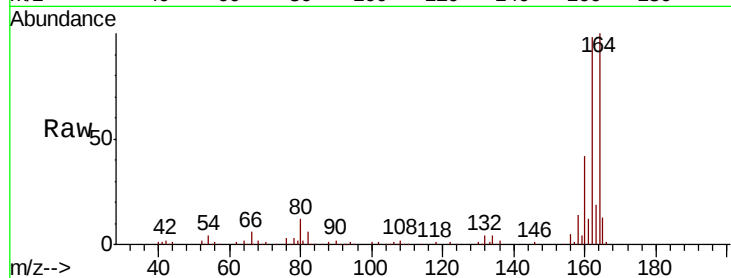
Tot Ion:164 Resp: 107797

Ion Ratio Lower Upper

164 100

162 98.1 79.9 119.9

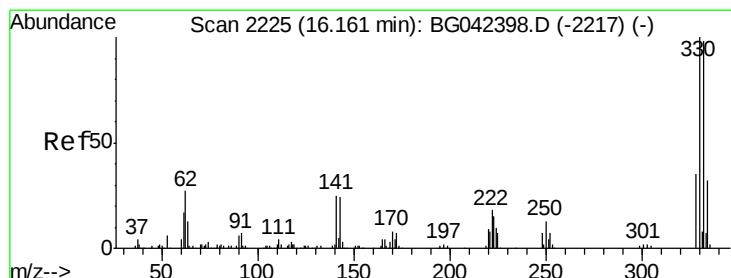
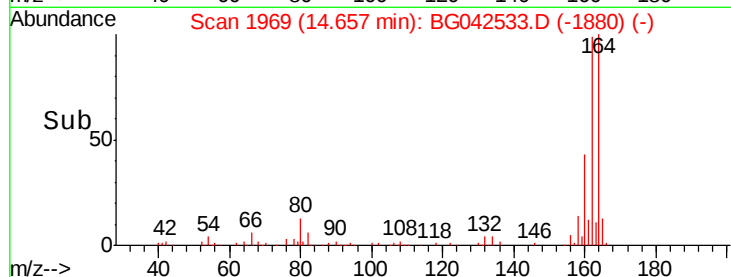
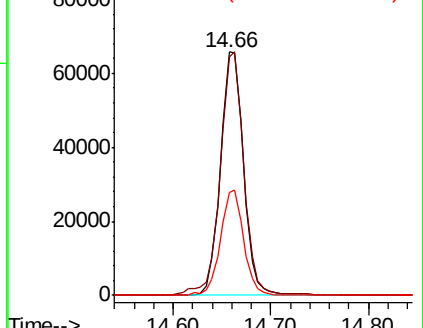
160 42.2 34.3 51.5



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: 154.547 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042533.D

Acq: 28 Aug 2019 15:21

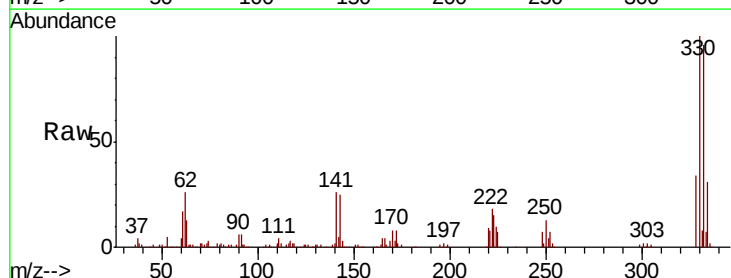
Tgt Ion:330 Resp: 236791

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

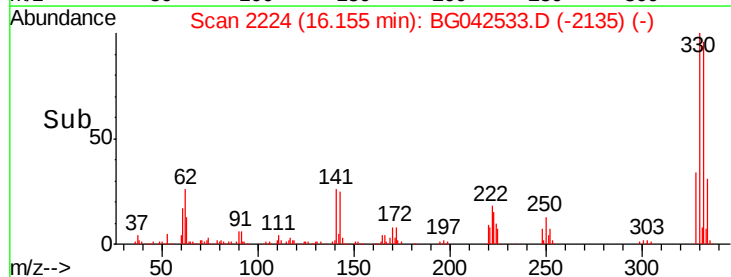
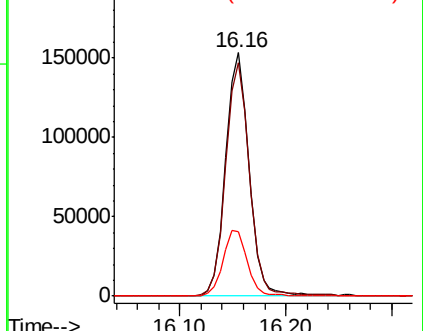
141 28.3 21.4 32.0

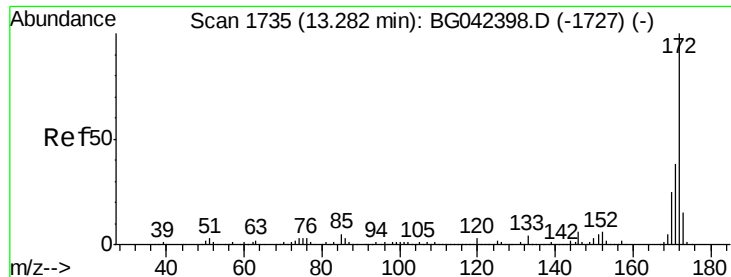


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

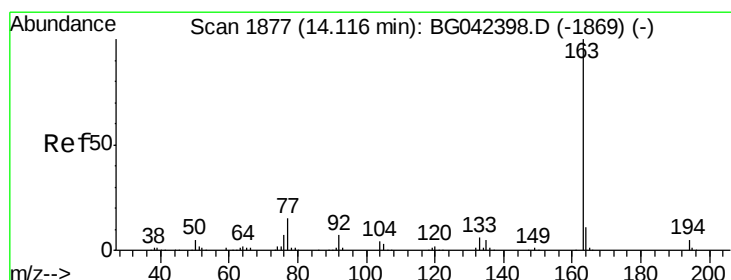
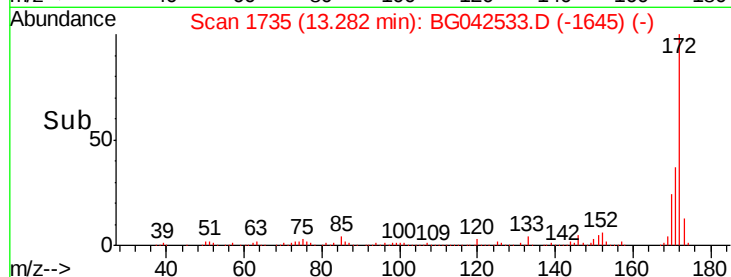
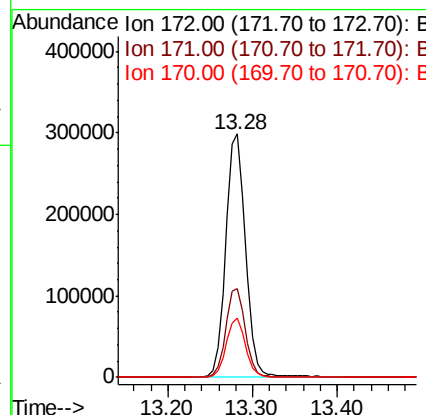
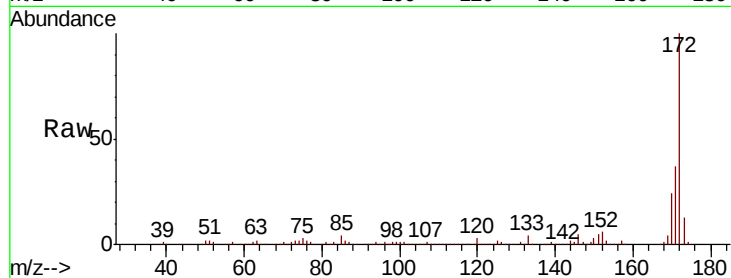




#45
2-Fluorobiphenyl
Concen: 76.145 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042533.D
Acq: 28 Aug 2019 15:21

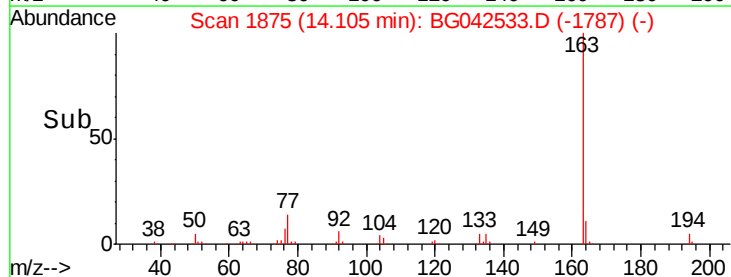
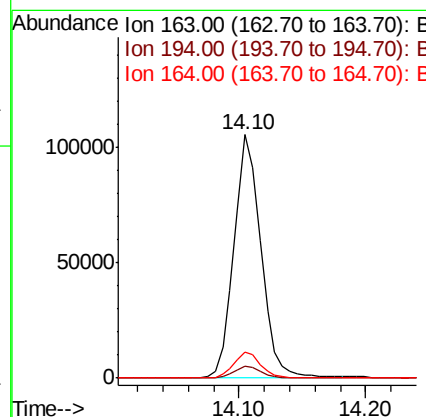
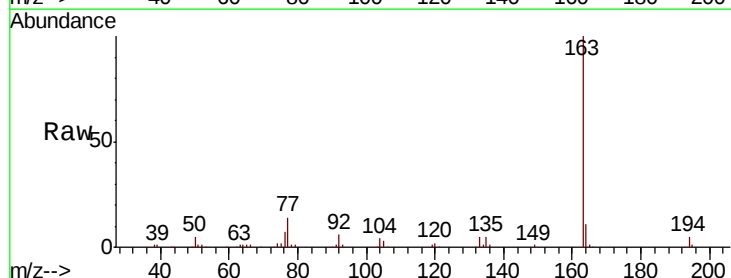
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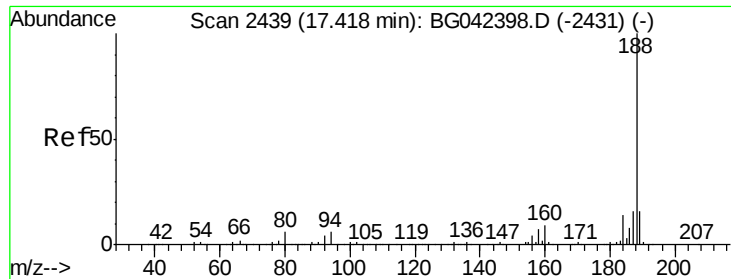
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.3	20.2	30.2



#50
Dimethylphthalate
Concen: 19.969 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042533.D
Acq: 28 Aug 2019 15:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	10.7	8.8	13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042533.D

Acq: 28 Aug 2019 15:21

Instrument :

BNA_G

ClientSampleId :

S404-K1-1.0-1.5-082619

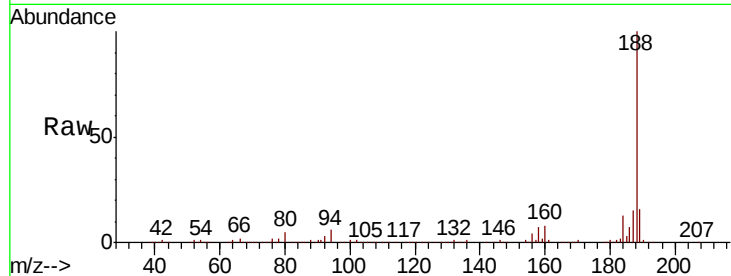
Tot Ion:188 Resp: 280178

Ion Ratio Lower Upper

188 100

94 5.6 4.5 6.7

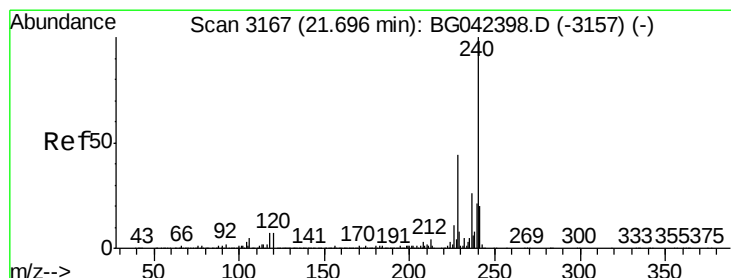
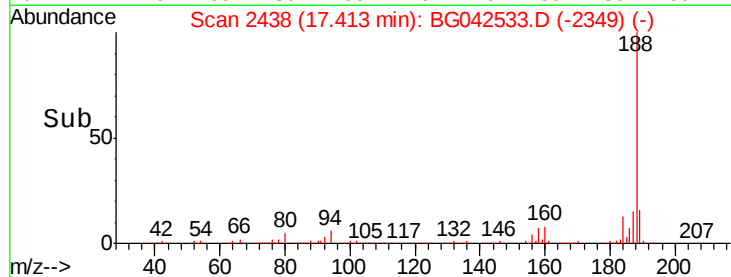
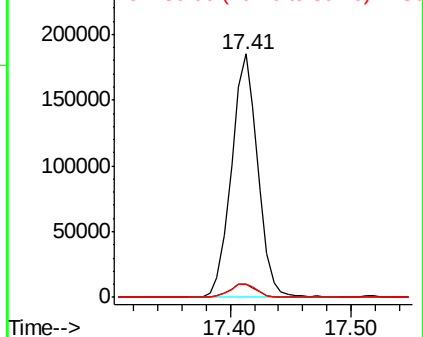
80 5.4 4.9 7.3



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042533.D

Acq: 28 Aug 2019 15:21

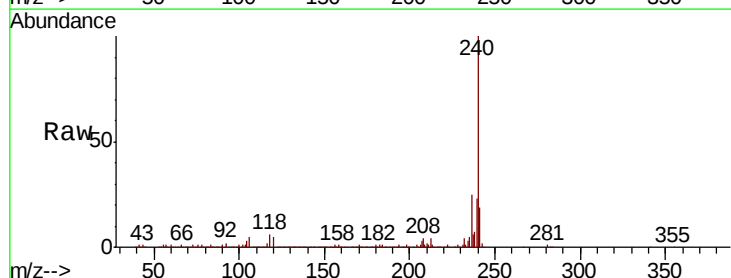
Tgt Ion:240 Resp: 296719

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

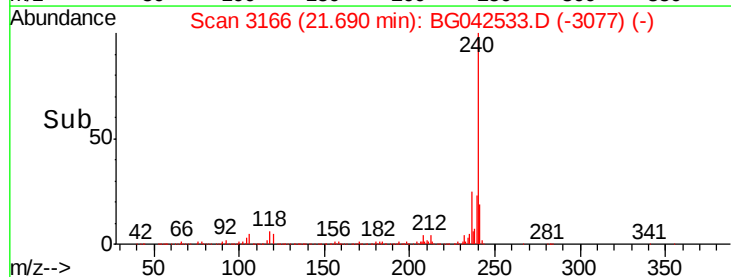
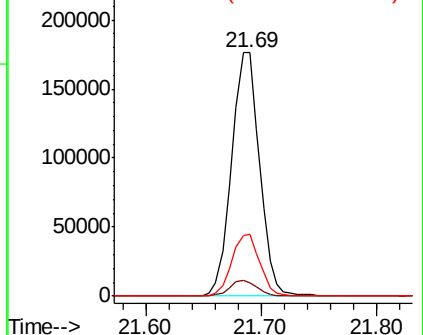
236 25.3 21.0 31.4

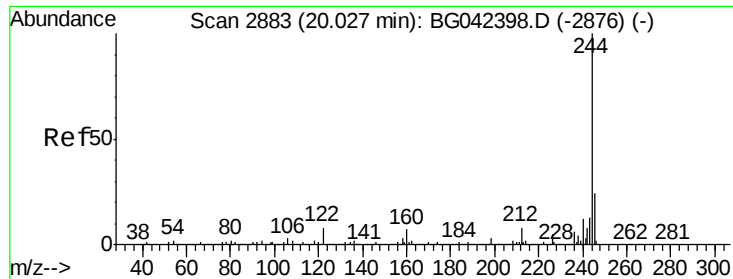


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.834 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042533.D

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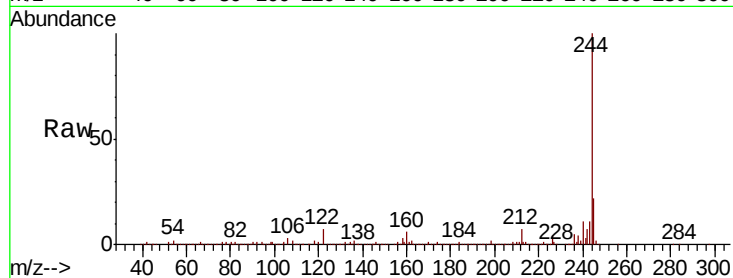
Tot Ion:244 Resp: 917282

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

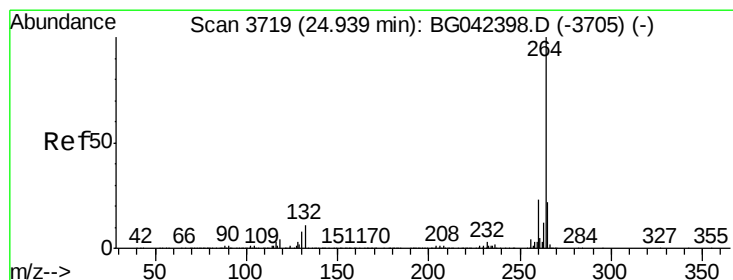
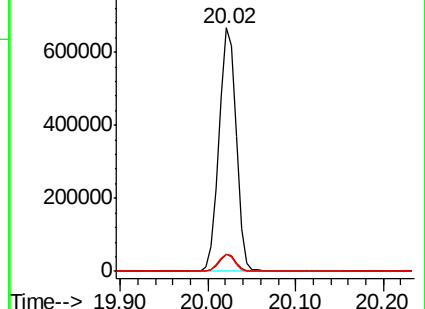
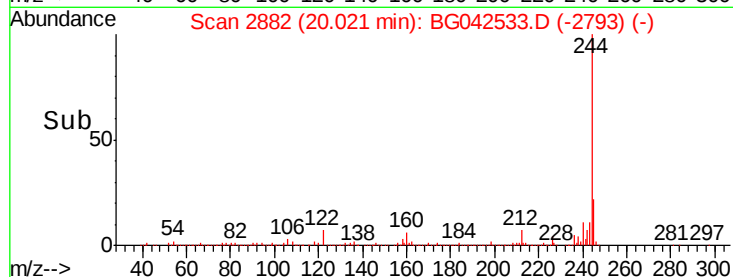
122 7.1 6.7 10.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042533.D

Acq: 28 Aug 2019 15:21

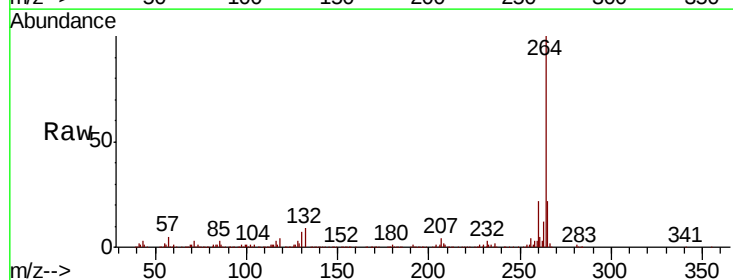
Tgt Ion:264 Resp: 352671

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 22.1 17.6 26.4



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

