

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041662.D
 Acq On : 16 Jul 2019 11:02
 Operator : HP/JU
 Sample : K3778-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-COMP

Quant Time: Jul 17 01:55:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

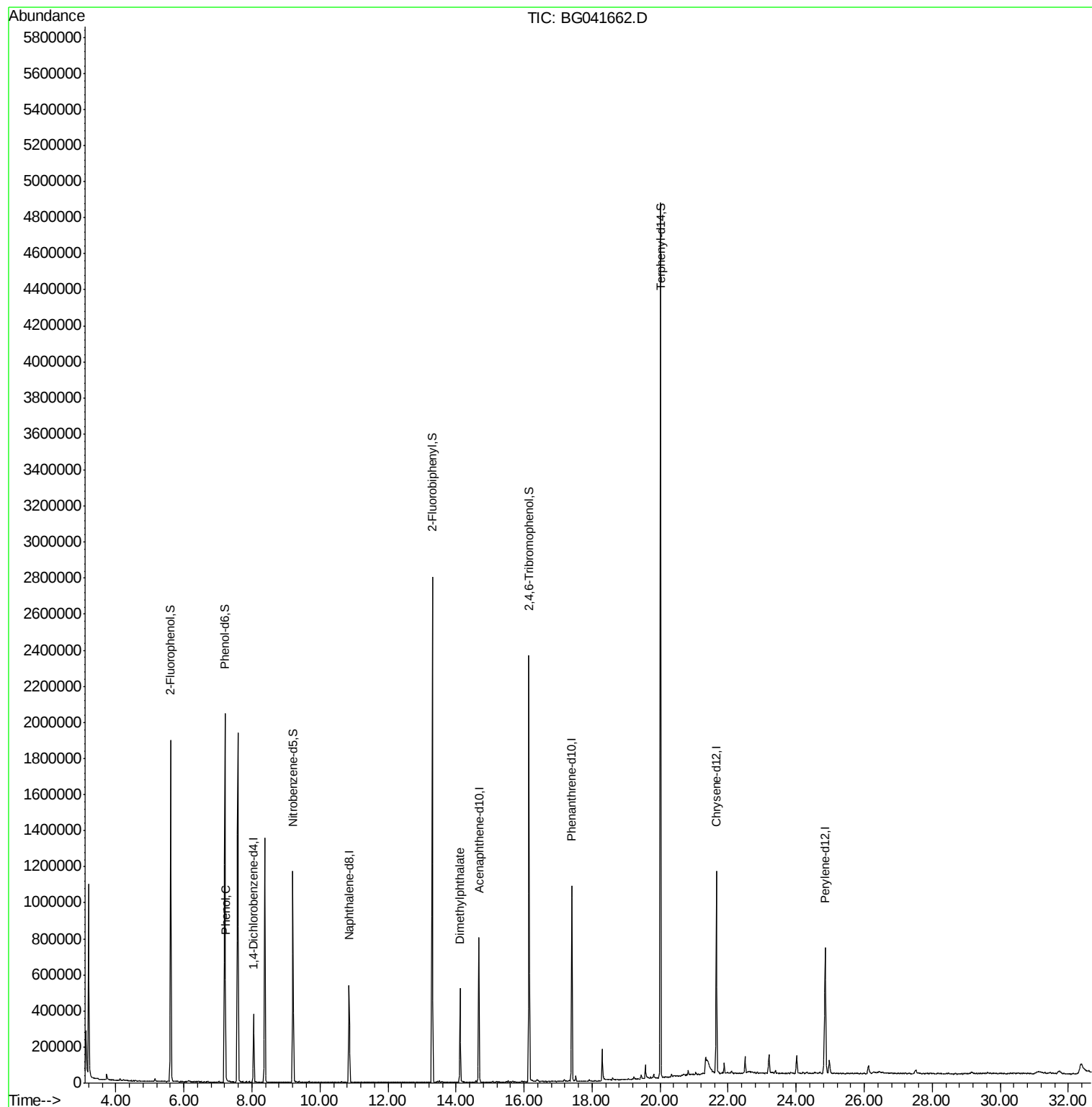
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	109075	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	465698	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	285038	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	680490	20.00	ng	0.00
76) Chrysene-d12	21.66	240	624050	20.00	ng	0.00
87) Perylene-d12	24.85	264	713893	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	794051	119.01	ng	0.00
7) Phenol-d6	7.20	99	1124385	125.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	679320	88.71	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	412598	128.44	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1449209	78.73	ng	0.00
79) Terphenyl-d14	20.01	244	2103235	78.76	ng	0.00
Target Compounds						
10) Phenol	7.22	94	19289	2.040	ng	Qvalue # 73
50) Dimethylphthalate	14.12	163	356183	15.911	ng	97

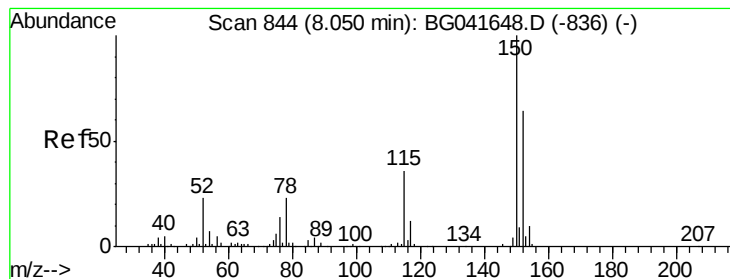
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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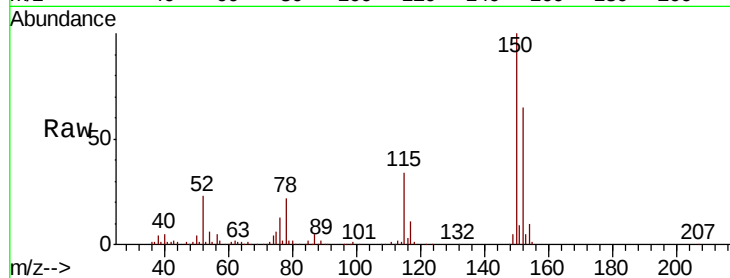


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041662.D
Acq: 16 Jul 2019 11:02

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.9	190.3
115	53.0	45.0	67.6

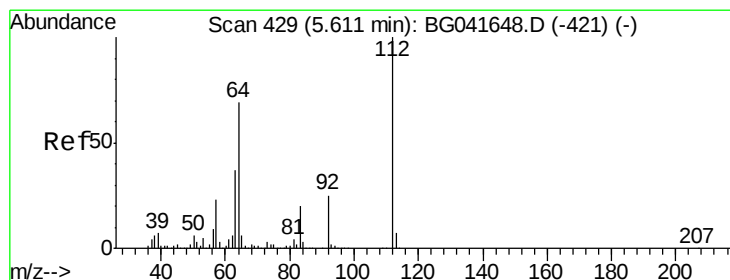
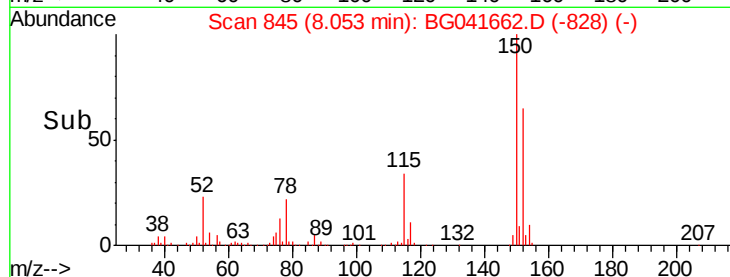
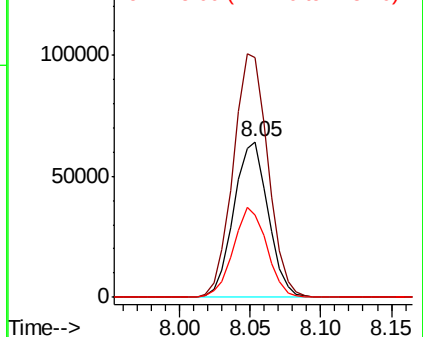


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

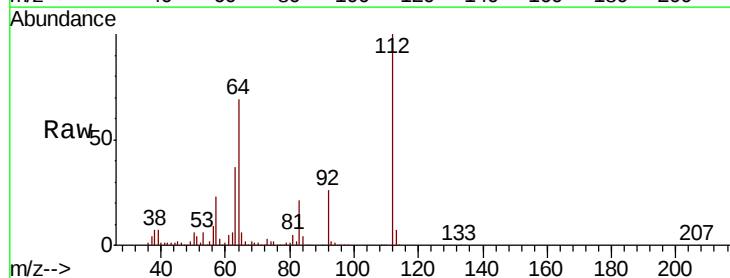
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.007 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041662.D
Acq: 16 Jul 2019 11:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	55.4	83.2
63	37.0	29.1	43.7

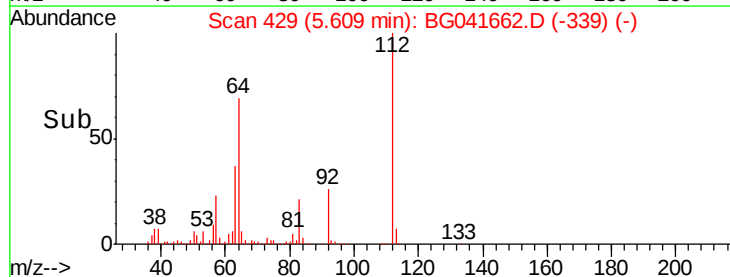
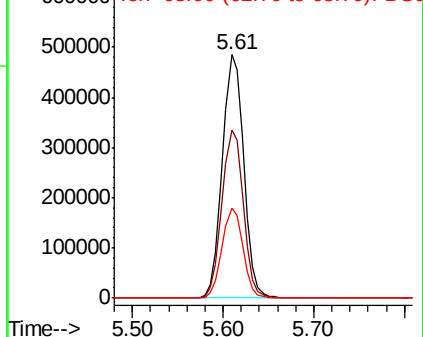


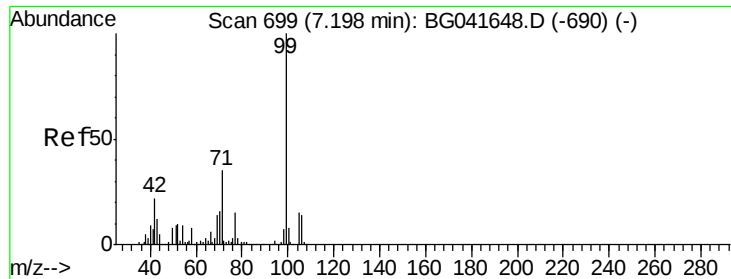
Abundance

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: 125.287 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041662.D

Acq: 16 Jul 2019 11:02

Instrument :

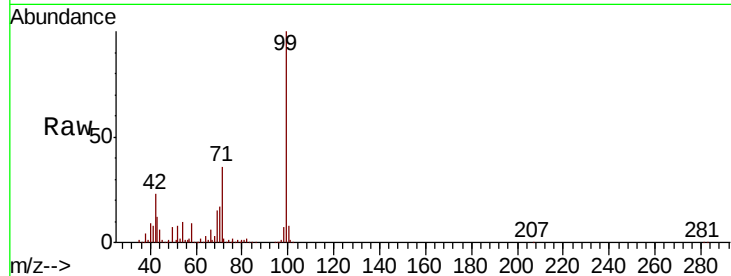
BNA_G

ClientSampleId :

STOCKPILE-COMP

Tot Ion: 99 Resp: 1124385

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.6	26.4
71	36.2	27.8	41.6



Abundance

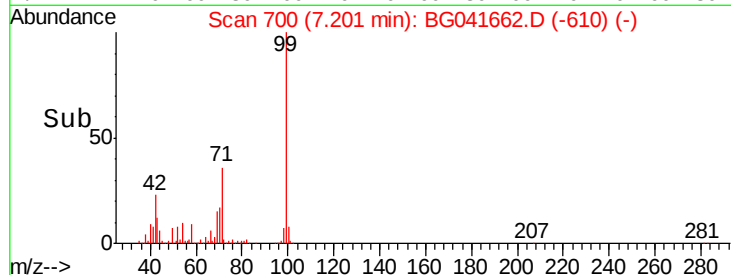
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.20

Time-->



#10

Phenol

Concen: 2.040 ng

RT: 7.22 min Scan# 704

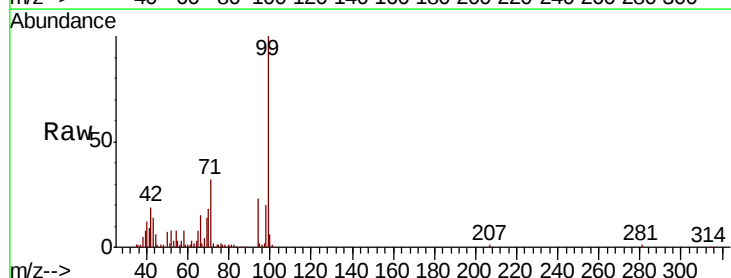
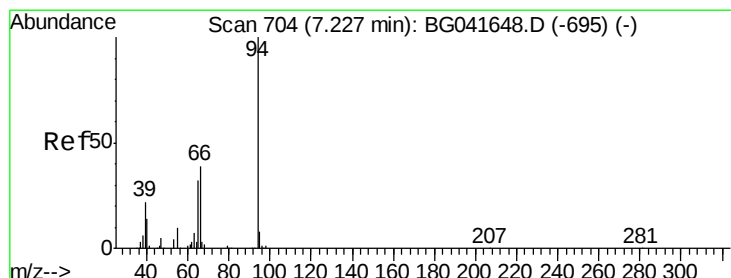
Delta R.T. -0.01 min

Lab File: BG041662.D

Acq: 16 Jul 2019 11:02

Tgt Ion: 94 Resp: 19289

Ion	Ratio	Lower	Upper
94	100		
65	34.0	10.6	50.6
66	64.3	18.2	58.2



Abundance

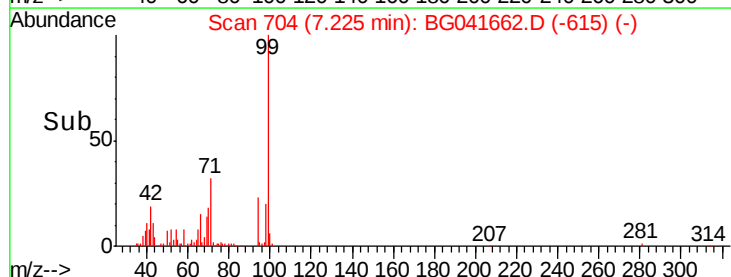
Ion 94.00 (93.70 to 94.70): BGC

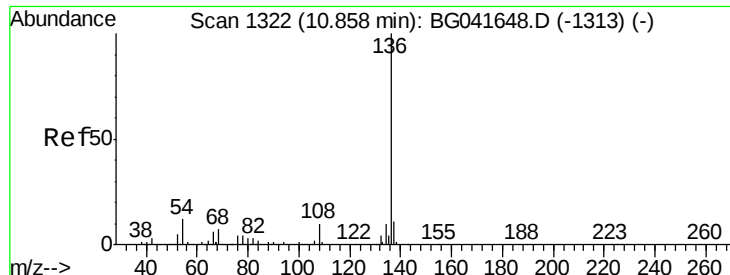
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.22

Time-->

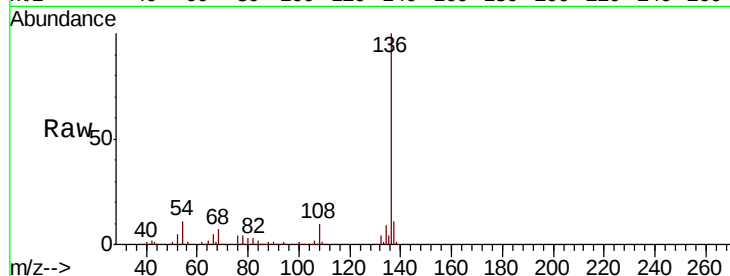




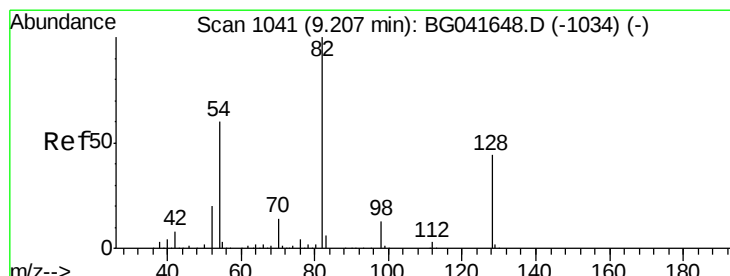
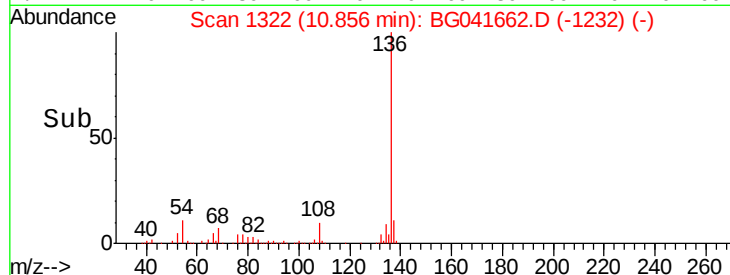
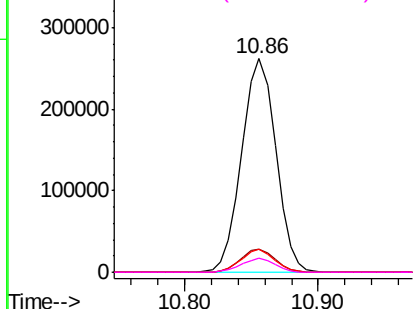
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041662.D
Acq: 16 Jul 2019 11:02

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMP

Tot Ion:136	Resp:	465698	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.2	13.8	
54 11.1	8.7	13.1	
68 6.6	5.5	8.3	

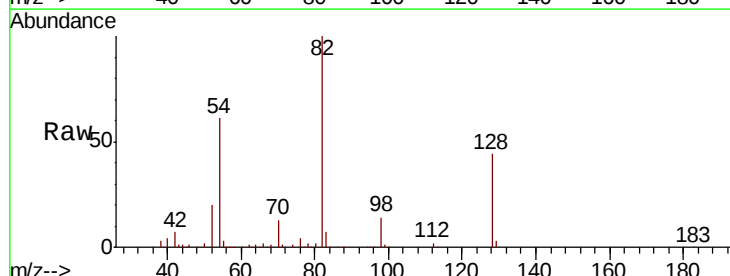


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

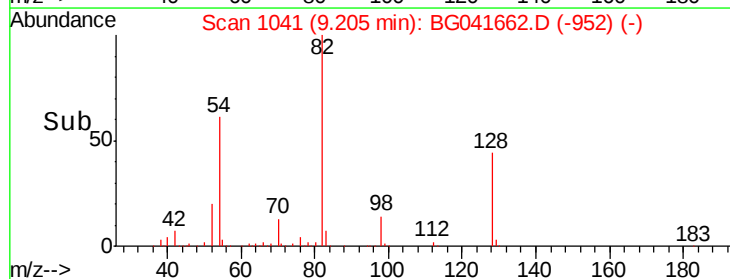
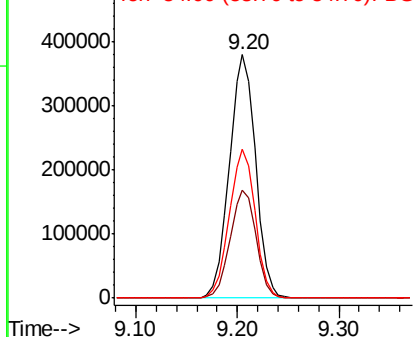


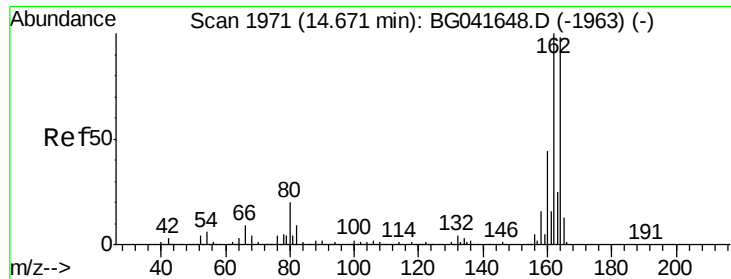
#23
Nitrobenzene-d5
Concen: 88.712 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041662.D
Acq: 16 Jul 2019 11:02

Tgt Ion: 82	Resp: 679320
Ion Ratio	Lower Upper
82 100	
128 44.4	35.1 52.7
54 61.2	48.7 73.1



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

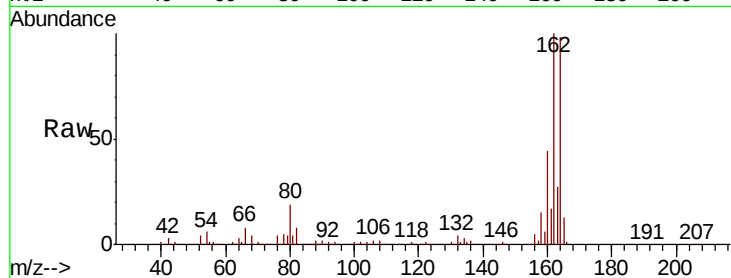




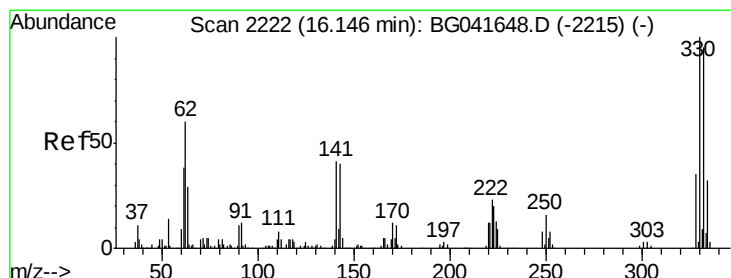
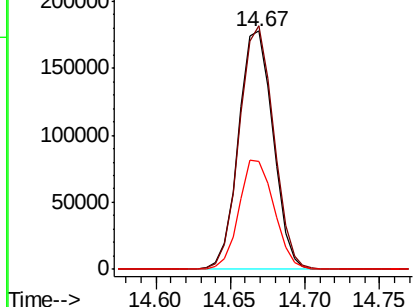
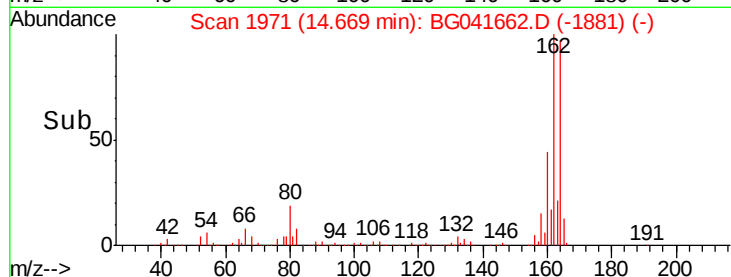
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041662.D
Acq: 16 Jul 2019 11:02

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMP

Tot Ion:164 Resp: 285038
Ion Ratio Lower Upper
164 100
162 102.3 79.6 119.4
160 45.4 35.4 53.0

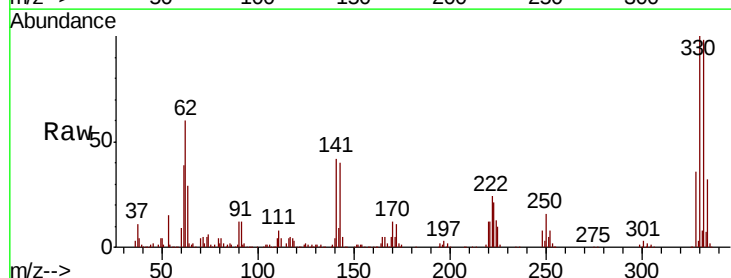


Abundance Ion 164.00 (163.70 to 164.70): E
250000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

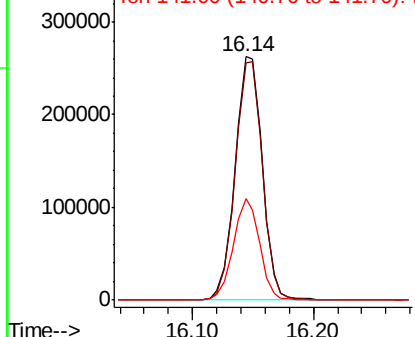
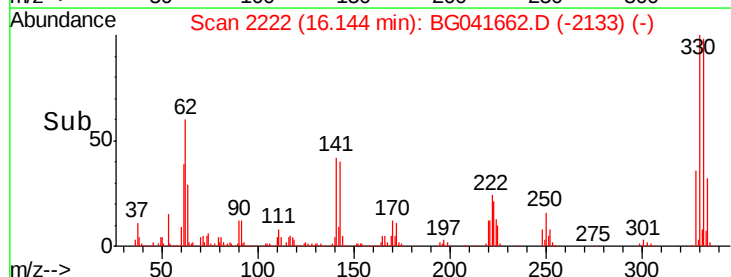


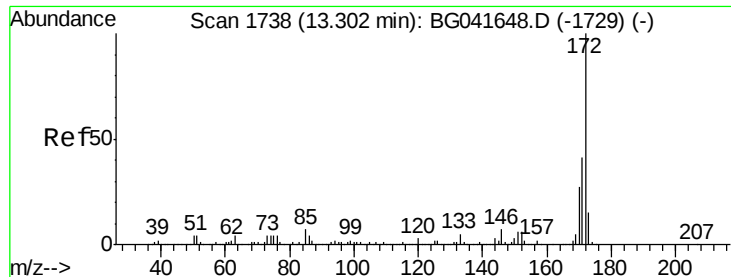
#42
2,4,6-Tribromophenol
Concen: 128.442 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041662.D
Acq: 16 Jul 2019 11:02

Tgt Ion:330 Resp: 412598
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.0
141 40.0 31.9 47.9



Abundance Ion 329.80 (329.50 to 330.50): E
300000
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

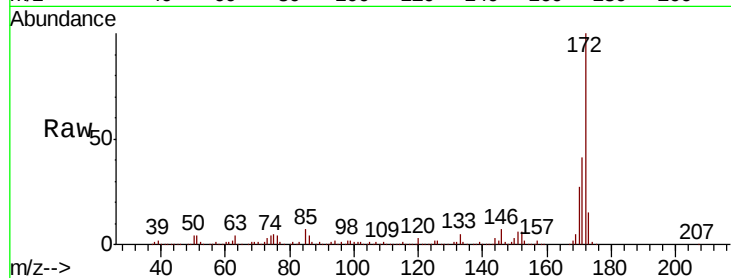




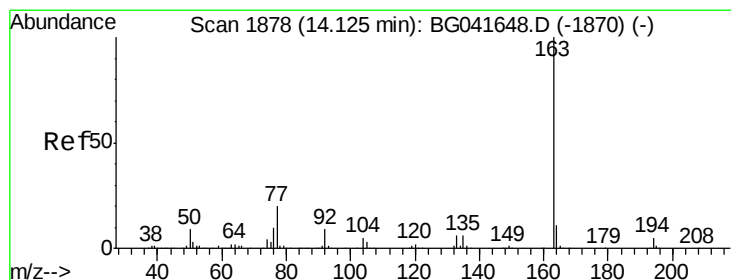
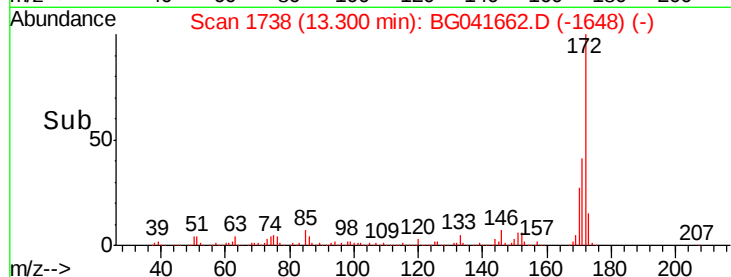
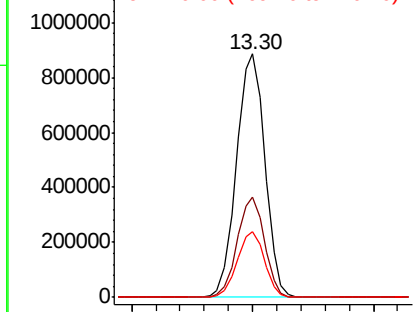
#45
2-Fluorobiphenyl
Concen: 78.730 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041662.D
Acq: 16 Jul 2019 11:02

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMP

Tot Ion:172 Resp: 1449209
Ion Ratio Lower Upper
172 100
171 41.0 35.0 52.4
170 27.0 23.5 35.3

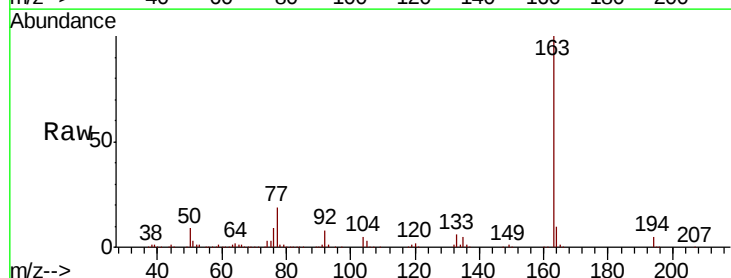


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

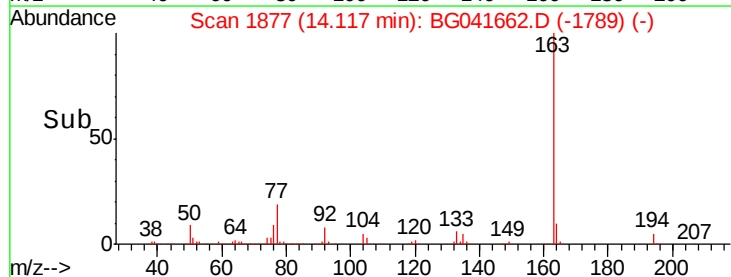
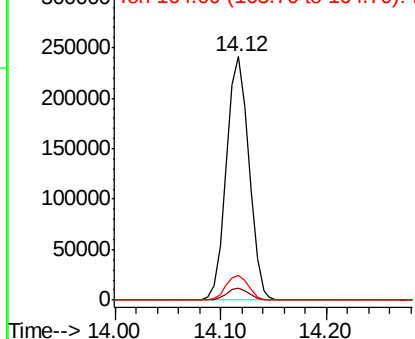


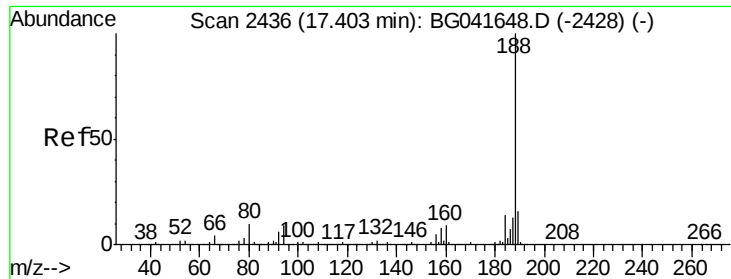
#50
Dimethylphthalate
Concen: 15.911 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG041662.D
Acq: 16 Jul 2019 11:02

Tgt Ion:163 Resp: 356183
Ion Ratio Lower Upper
163 100
194 4.8 4.2 6.2
164 10.3 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041662.D

Acq: 16 Jul 2019 11:02

Instrument :

BNA_G

ClientSampleId :

STOCKPILE-COMP

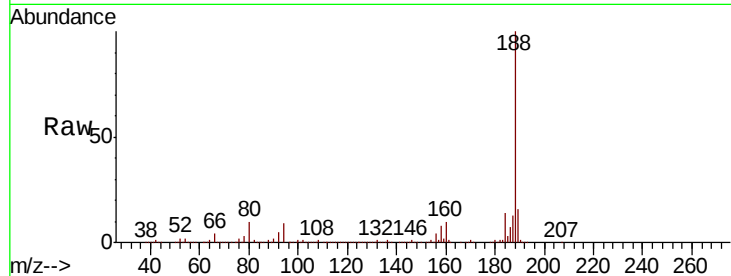
Tot Ion:188 Resp: 680490

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

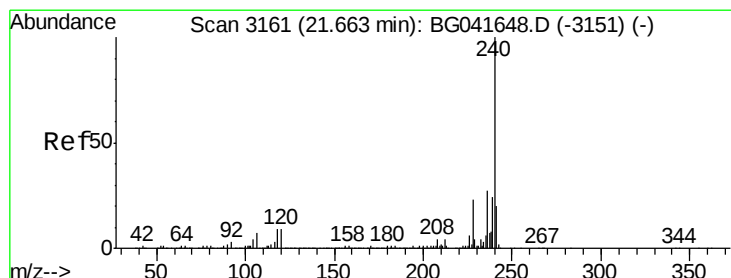
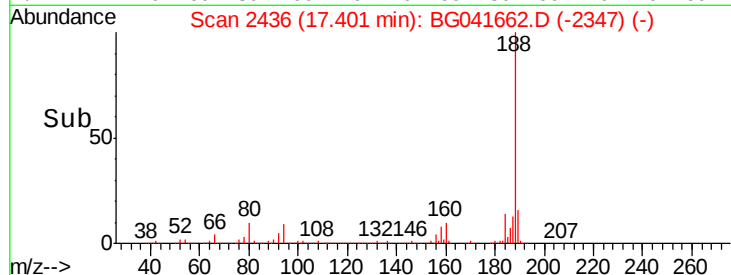
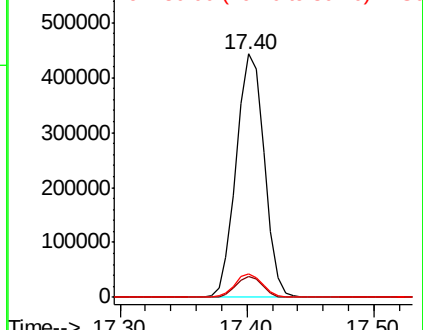
80 9.5 8.0 12.0



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: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041662.D

Acq: 16 Jul 2019 11:02

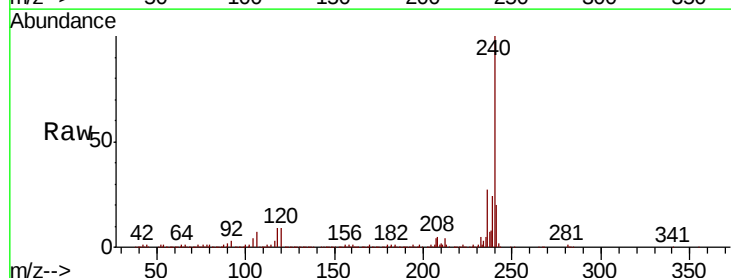
Tgt Ion:240 Resp: 624050

Ion Ratio Lower Upper

240 100

120 8.8 8.0 12.0

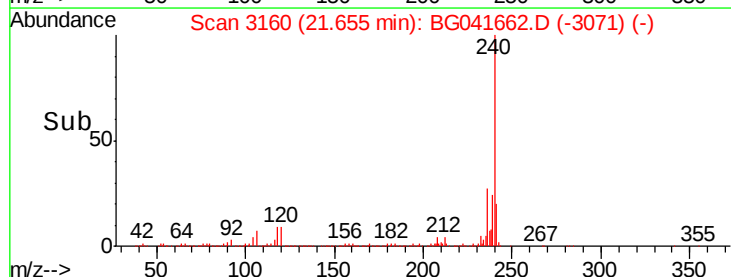
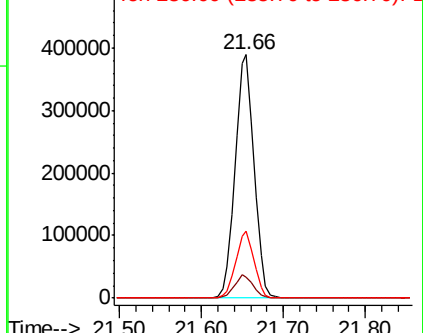
236 27.3 22.6 33.8

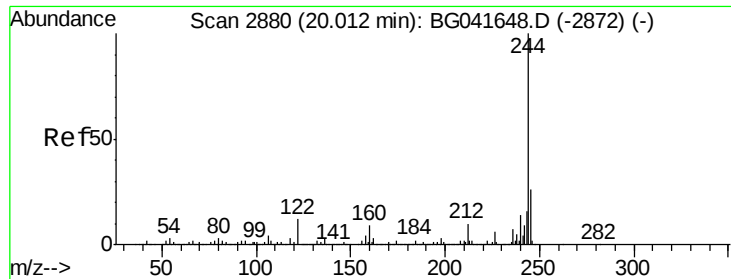


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.760 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041662.D

Acq: 16 Jul 2019 11:02

Instrument :

BNA_G

ClientSampleId :

STOCKPILE-COMP

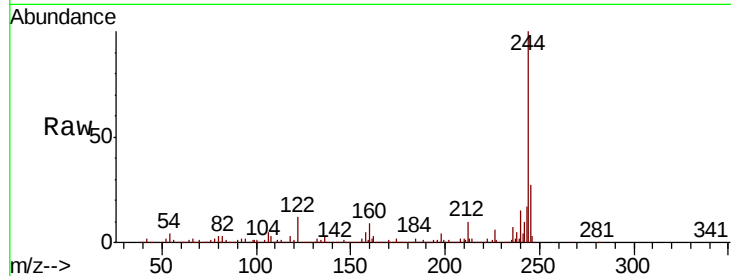
Tot Ion:244 Resp: 2103235

Ion Ratio Lower Upper

244 100

212 10.3 9.7 14.5

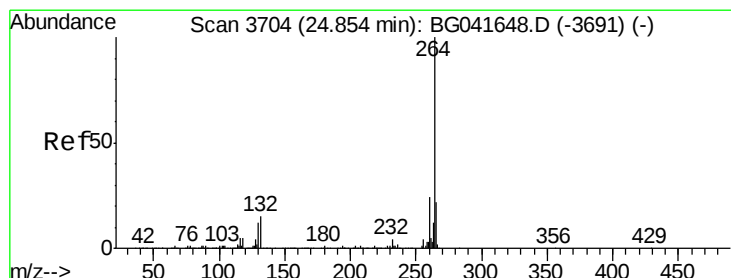
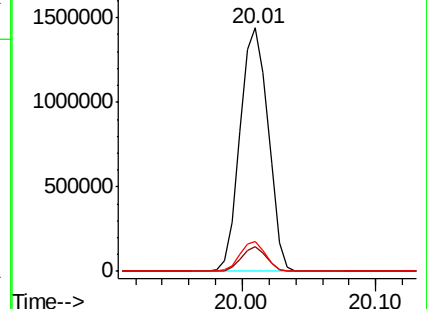
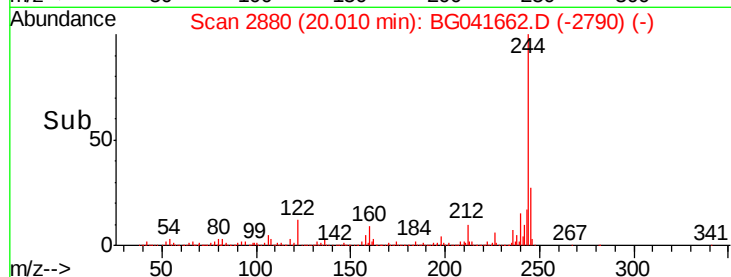
122 12.3 12.5 18.7#



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: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041662.D

Acq: 16 Jul 2019 11:02

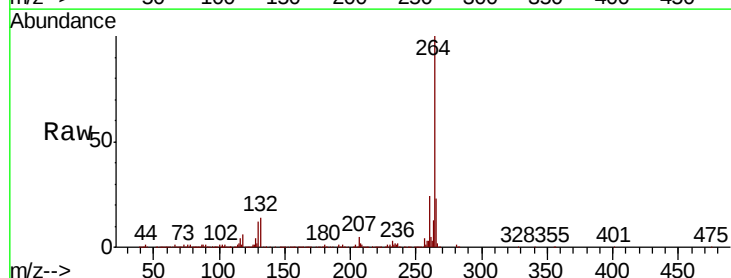
Tgt Ion:264 Resp: 713893

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.9 18.0 27.0



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

