

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042267.D
 Acq On : 16 Aug 2019 19:52
 Operator : HP/JU
 Sample : K4391-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-2

Quant Time: Aug 17 00:29:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

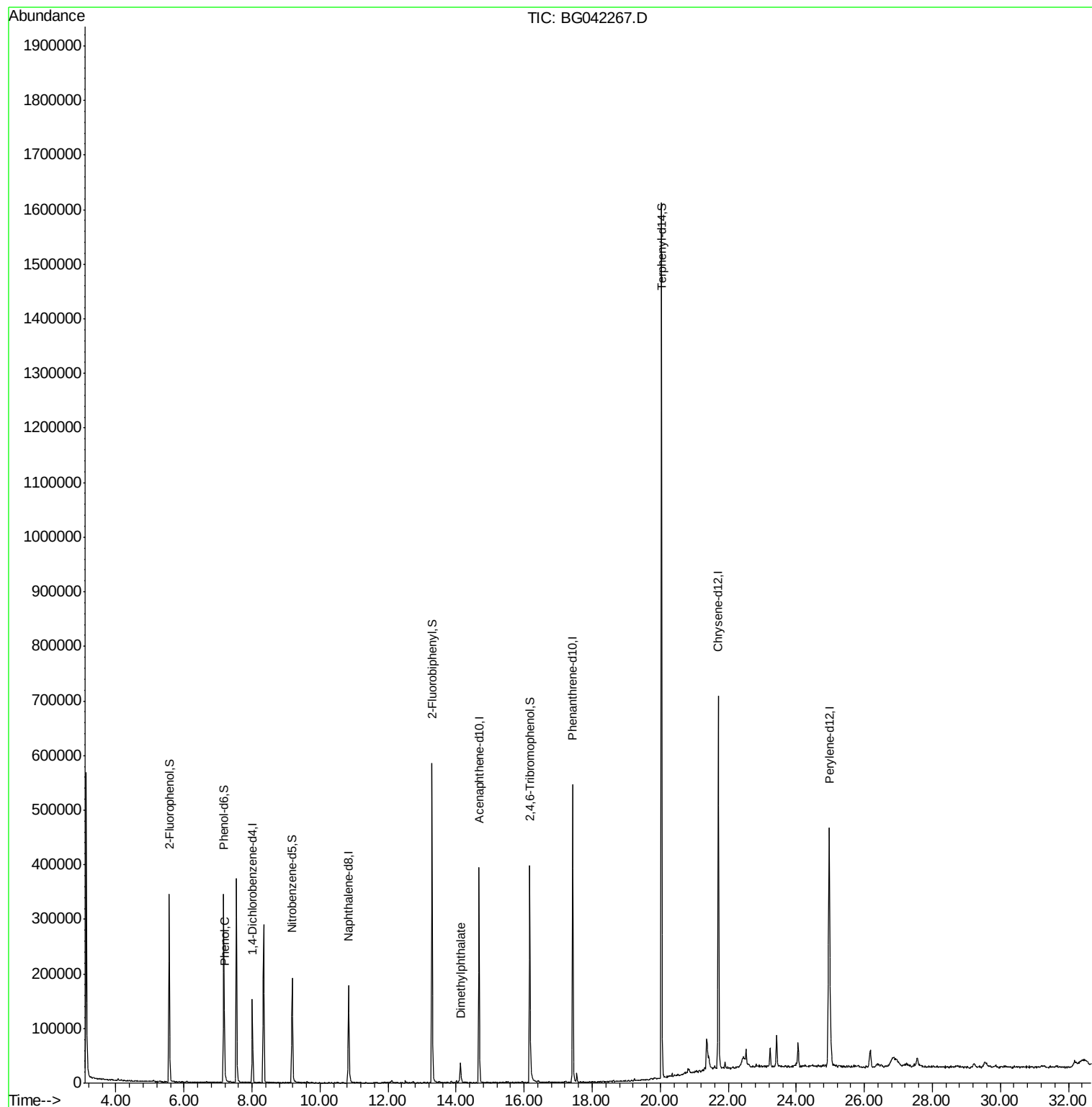
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	52060	20.00	ng	-0.04
21) Naphthalene-d8	10.84	136	203443	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	153803	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	387868	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	448303	20.00	ng	-0.03
87) Perylene-d12	24.97	264	520685	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	182343	68.15	ng	-0.02
7) Phenol-d6	7.17	99	245316	68.00	ng	-0.02
23) Nitrobenzene-d5	9.18	82	135937	45.98	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	112159	64.20	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	365899	41.96	ng	-0.04
79) Terphenyl-d14	20.04	244	872653	44.54	ng	-0.03
Target Compounds						
10) Phenol	7.19	94	12455	3.319	ng	85
50) Dimethylphthalate	14.13	163	41414	3.943	ng	# 93

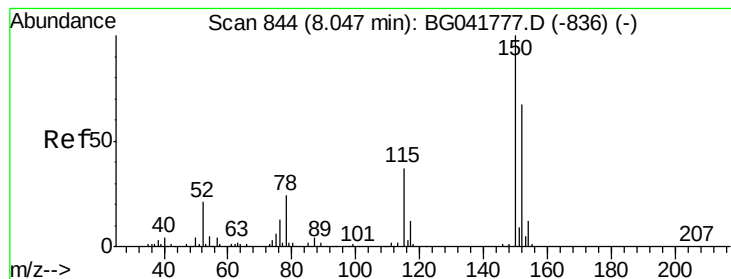
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



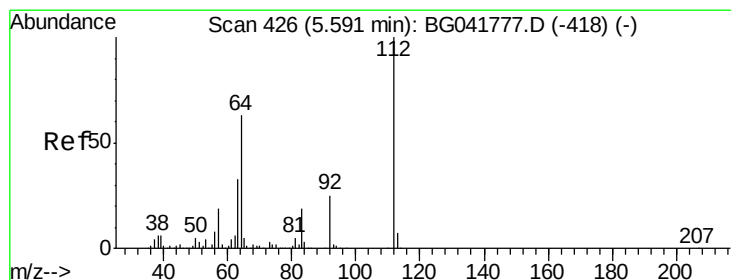
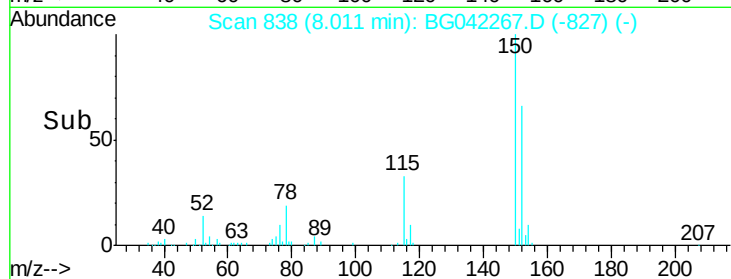
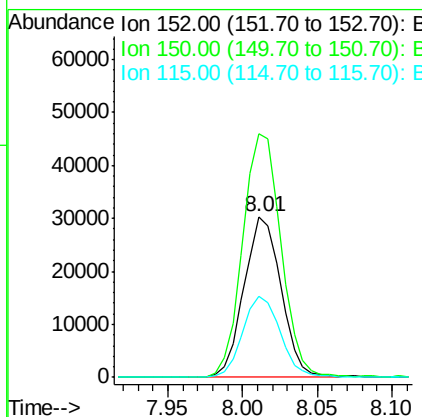
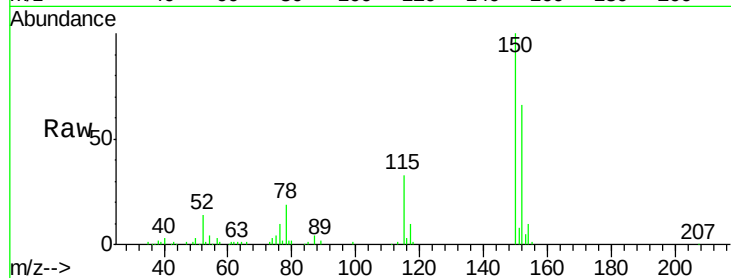


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.04 min
Lab File: BG042267.D
Acq: 16 Aug 2019 19:52

Instrument :
BNA_G
ClientSampleId :
BOTTOM-2

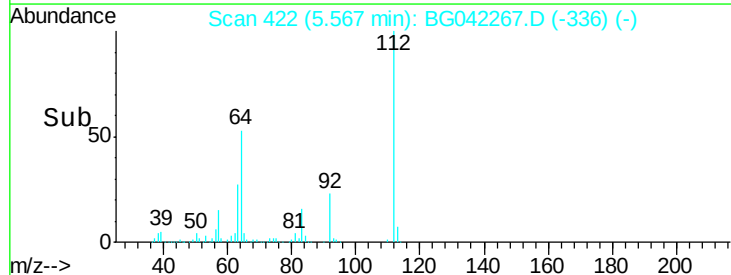
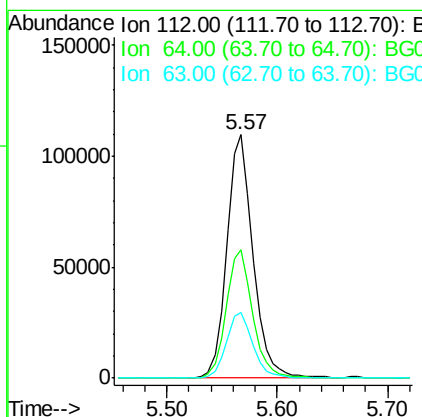
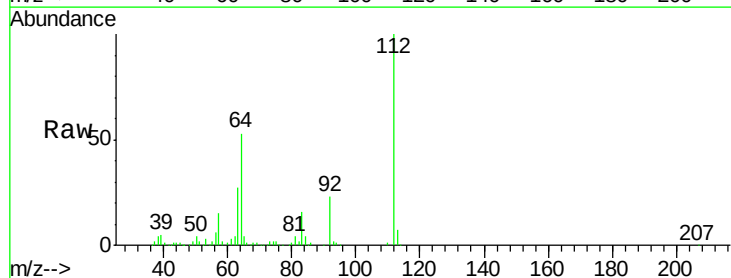
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.9	190.3
115	50.5	45.0	67.6

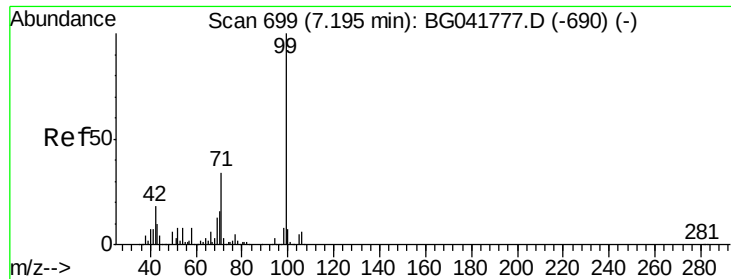


#5

2-Fluorophenol
Concen: 68.146 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG042267.D
Acq: 16 Aug 2019 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	55.4	83.2#
63	26.9	29.1	43.7#





#7

Phenol-d6

Concen: 68.005 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG042267.D

Acq: 16 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

BOTTOM-2

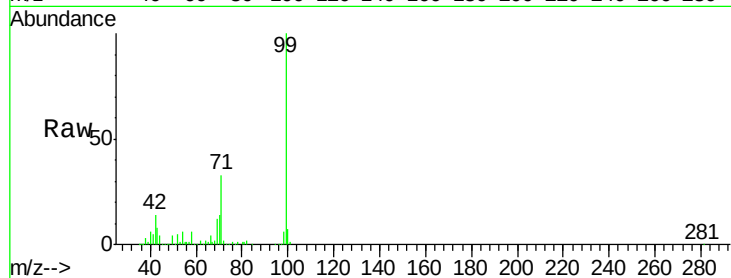
Tot Ion: 99 Resp: 245316

Ion Ratio Lower Upper

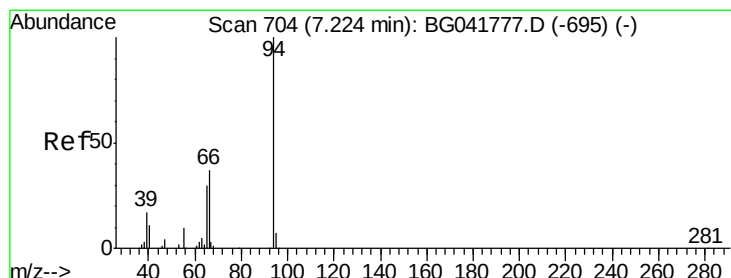
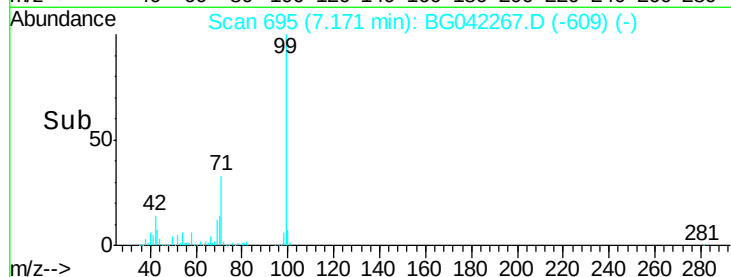
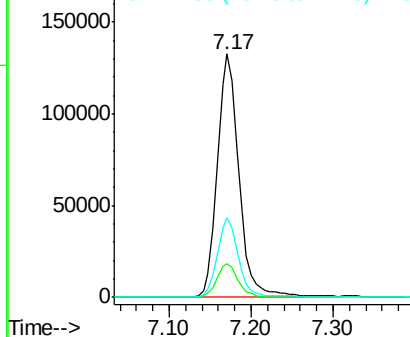
99 100

42 13.8 17.6 26.4#

71 33.0 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



#10

Phenol

Concen: 3.319 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG042267.D

Acq: 16 Aug 2019 19:52

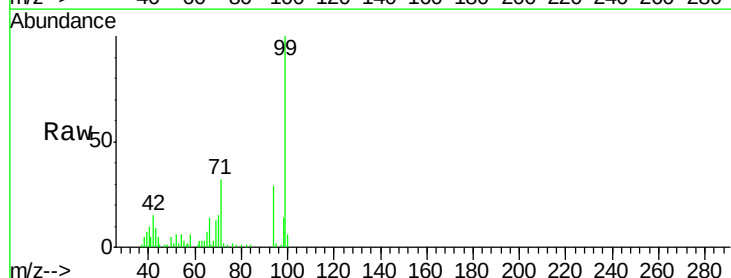
Tgt Ion: 94 Resp: 12455

Ion Ratio Lower Upper

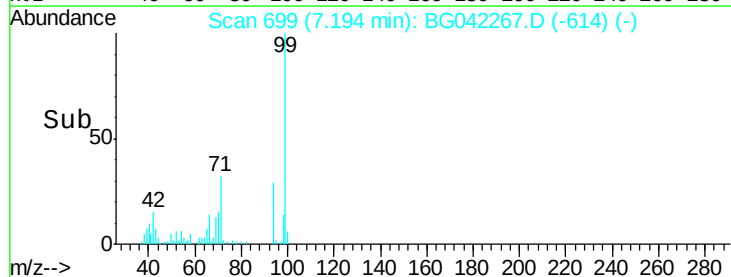
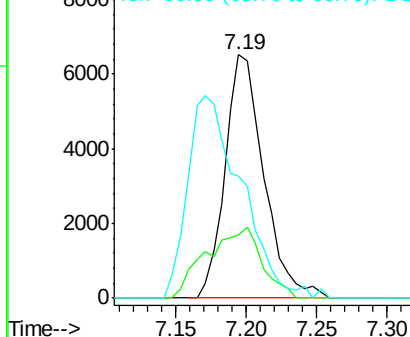
94 100

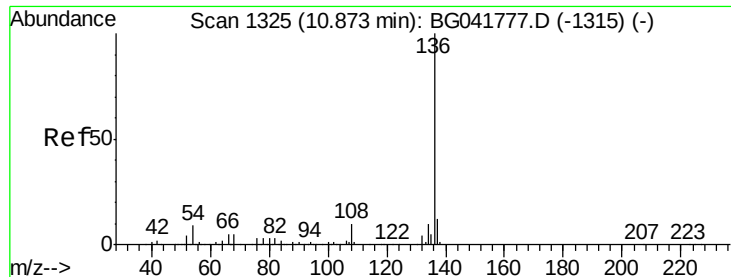
65 25.9 10.6 50.6

66 50.1 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BG042267.D

Acq: 16 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

BOTTOM-2

Tot Ion:136 Resp: 203443

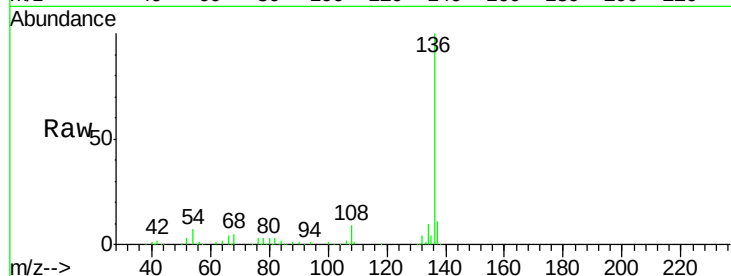
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.4 8.7 13.1#

68 4.6 5.5 8.3#

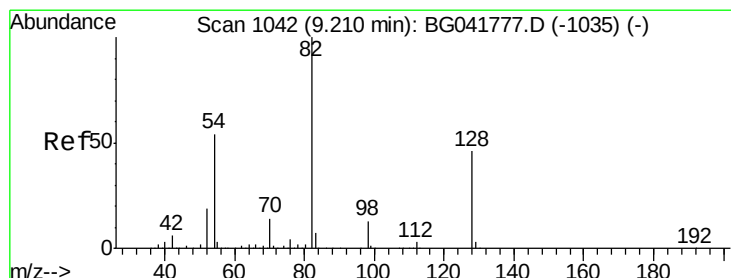
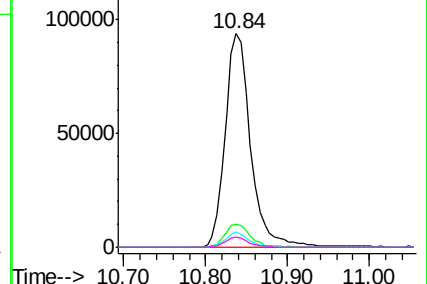
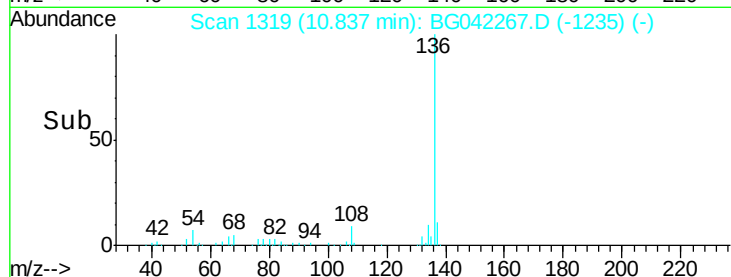


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.982 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BG042267.D

Acq: 16 Aug 2019 19:52

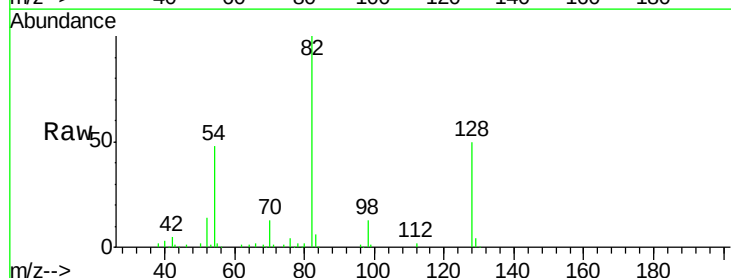
Tgt Ion: 82 Resp: 135937

Ion Ratio Lower Upper

82 100

128 50.4 35.1 52.7

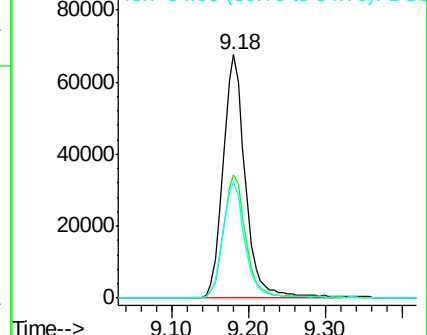
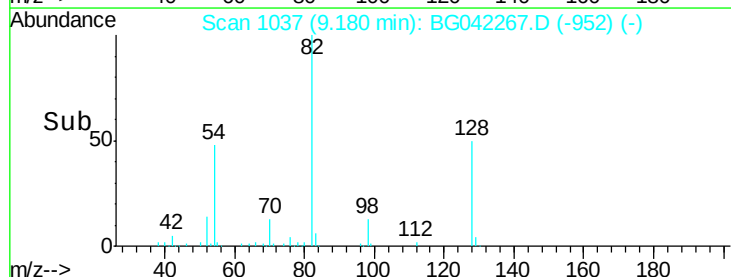
54 47.6 48.7 73.1#

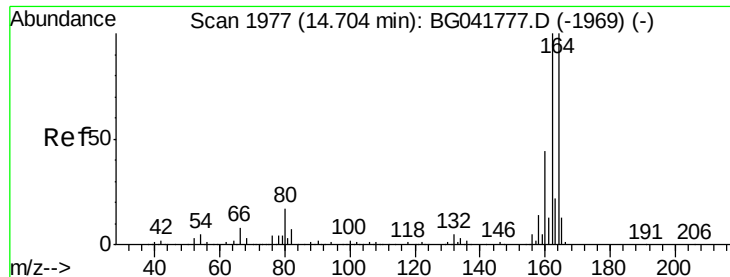


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

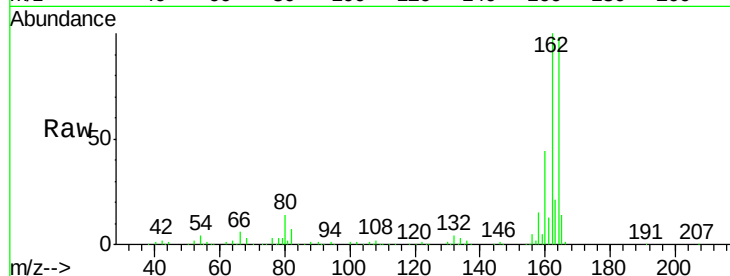




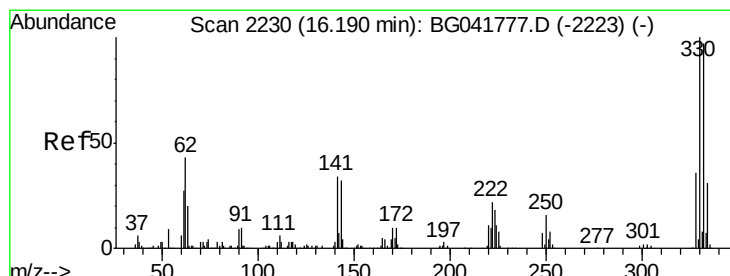
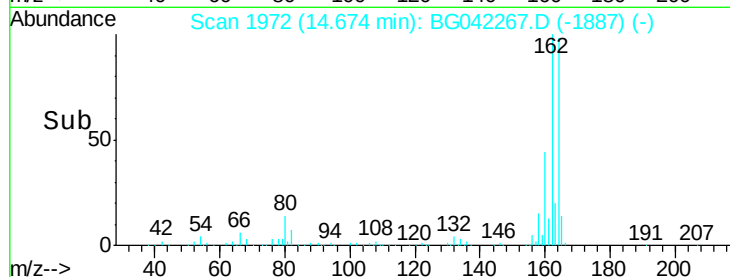
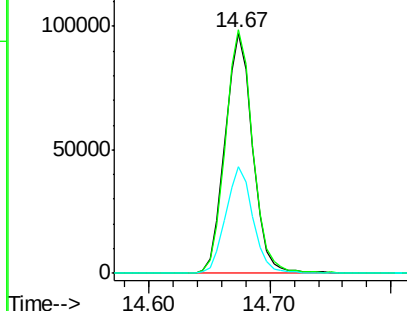
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG042267.D
Acq: 16 Aug 2019 19:52

Instrument :
BNA_G
ClientSampleId :
BOTTOM-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.6	119.4
160	44.3	35.4	53.0

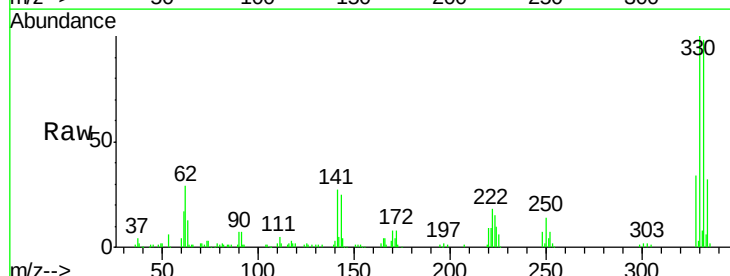


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

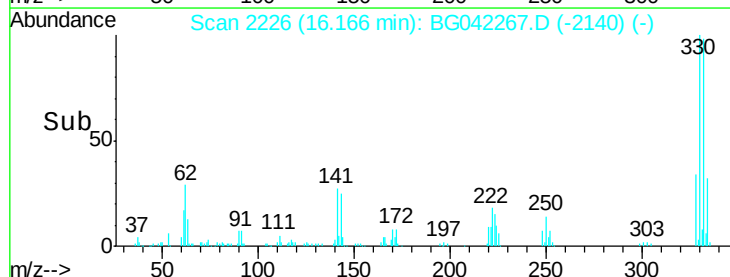
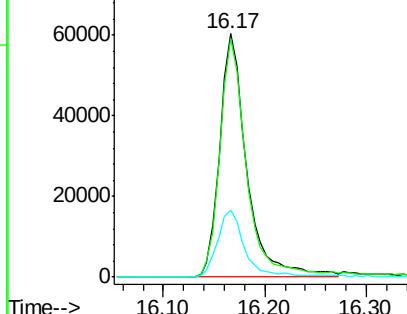


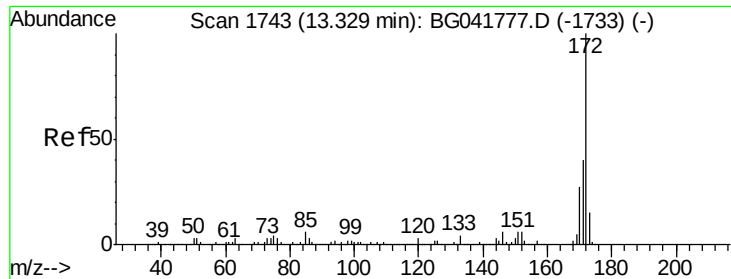
#42
2,4,6-Tribromophenol
Concen: 64.201 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG042267.D
Acq: 16 Aug 2019 19:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.0
141	27.3	31.9	47.9#



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

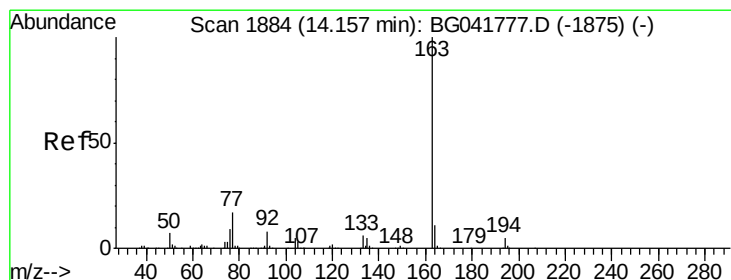
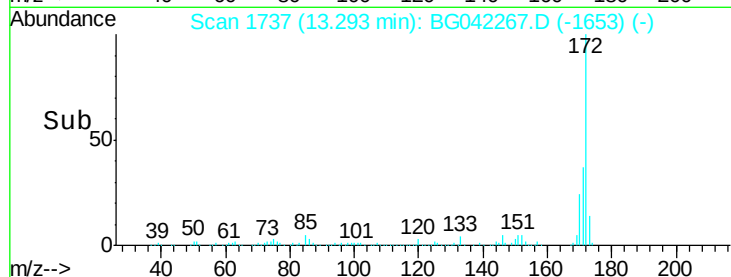
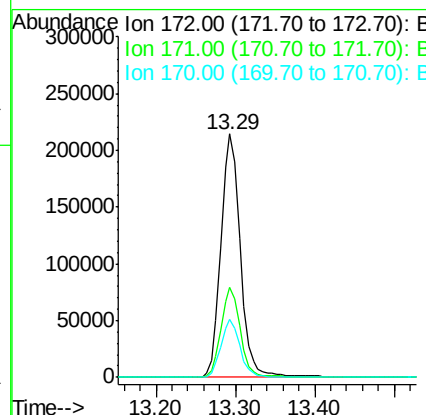
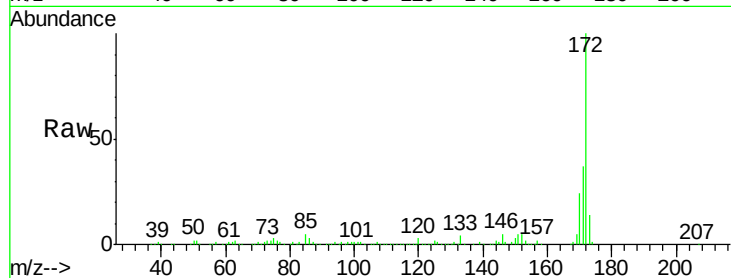




#45
 2-Fluorobiphenyl
 Concen: 41.959 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.04 min
 Lab File: BG042267.D
 Acq: 16 Aug 2019 19:52

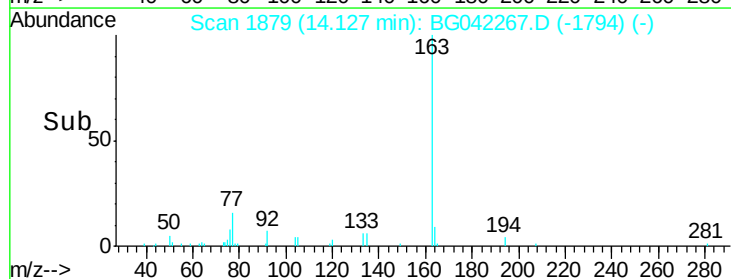
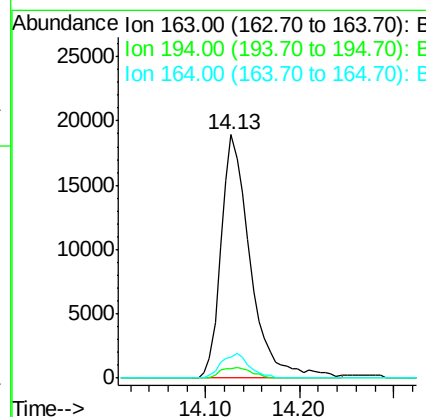
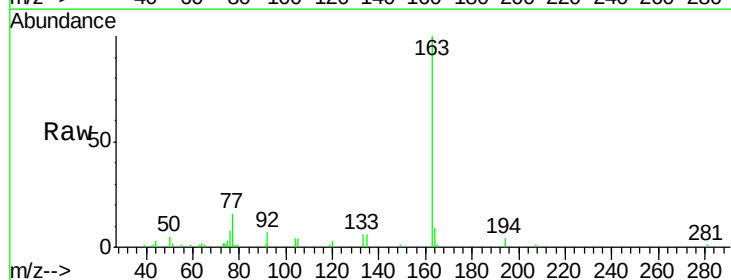
Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-2

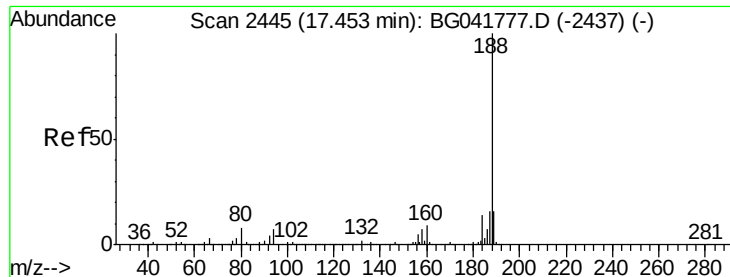
Tot Ion:172	Resp:	365899
Ion	Ratio	Lower Upper
172	100	
171	37.2	35.0 52.4
170	24.1	23.5 35.3



#50
 Dimethylphthalate
 Concen: 3.943 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.03 min
 Lab File: BG042267.D
 Acq: 16 Aug 2019 19:52

Tgt Ion:163	Resp:	41414
Ion	Ratio	Lower Upper
163	100	
194	3.7	4.2 6.2#
164	8.6	9.4 14.2#

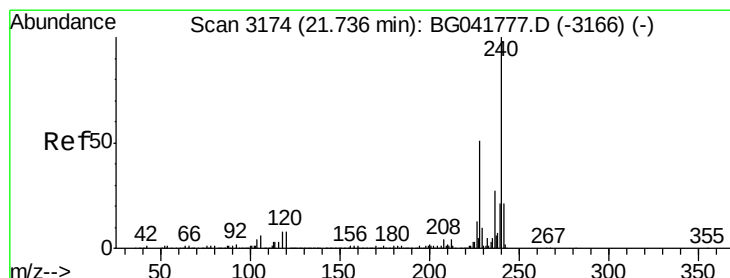
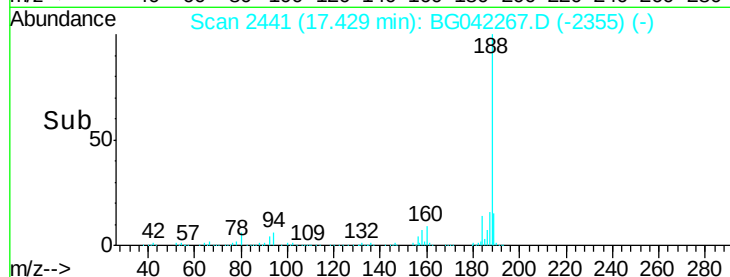
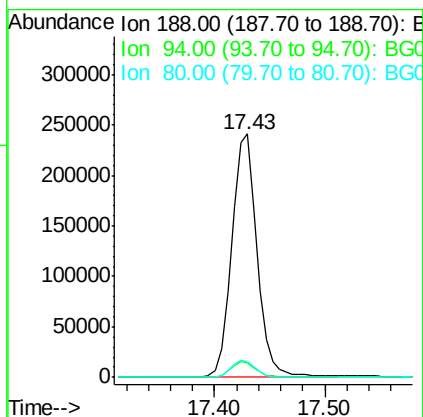
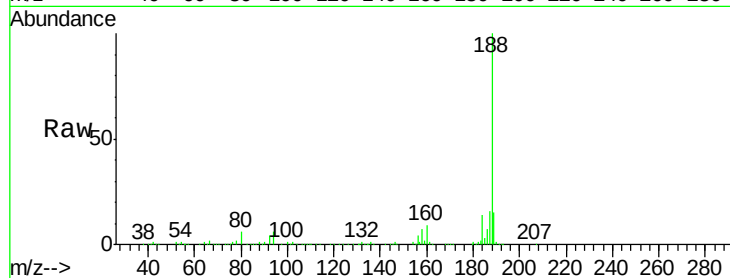




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG042267.D
Acq: 16 Aug 2019 19:52

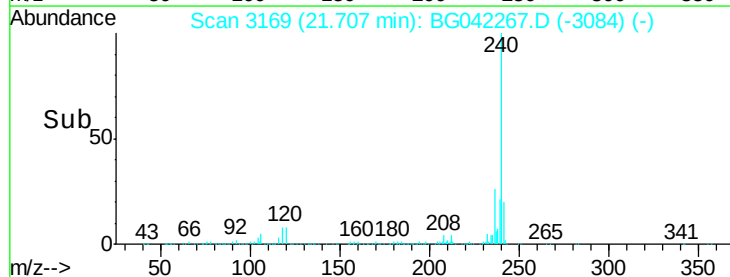
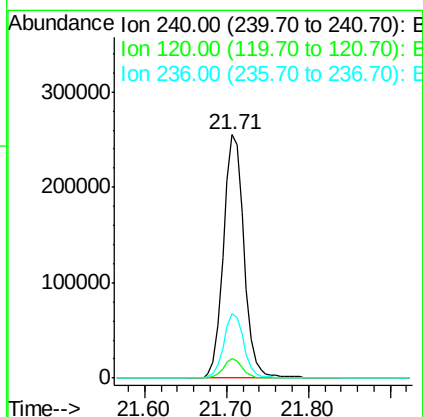
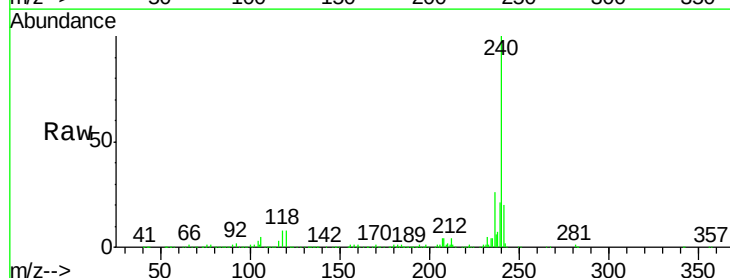
Instrument :
BNA_G
ClientSampleId :
BOTTOM-2

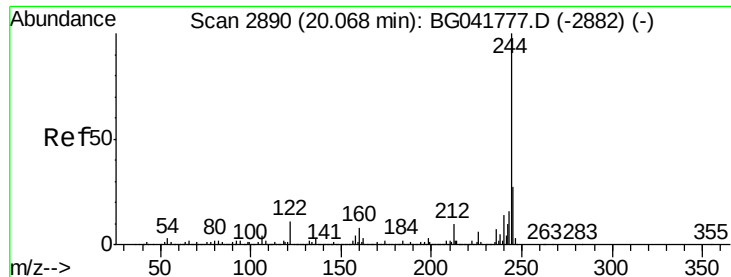
Tot Ion:188 Resp: 387868
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.5 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG042267.D
Acq: 16 Aug 2019 19:52

Tgt Ion:240 Resp: 448303
Ion Ratio Lower Upper
240 100
120 7.8 8.0 12.0#
236 26.5 22.6 33.8





#79

Terphenyl-d14

Concen: 44.543 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.03 min

Lab File: BG042267.D

Acq: 16 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

BOTTOM-2

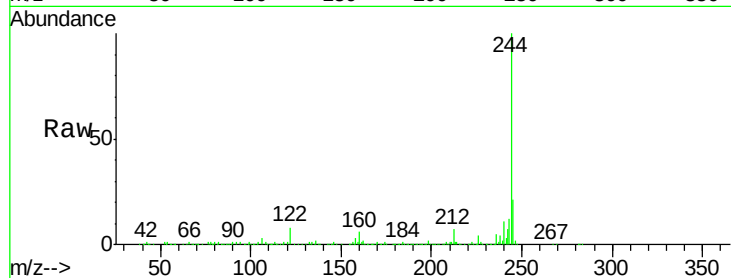
Tot Ion:244 Resp: 872653

Ion Ratio Lower Upper

244 100

212 7.1 9.7 14.5#

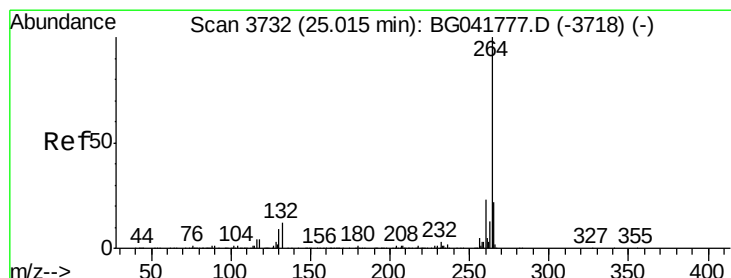
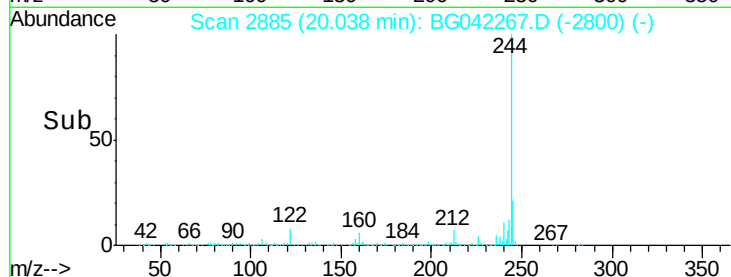
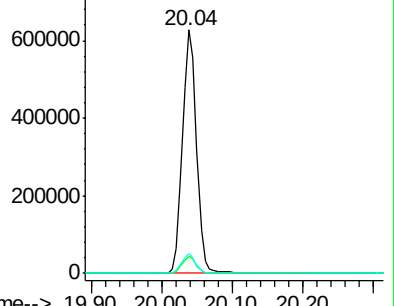
122 7.9 12.5 18.7#



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: 24.97 min Scan# 3724

Delta R.T. -0.05 min

Lab File: BG042267.D

Acq: 16 Aug 2019 19:52

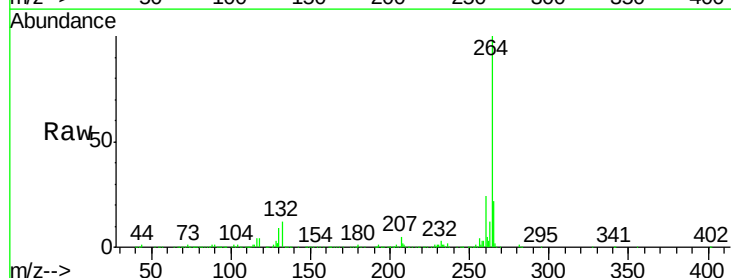
Tgt Ion:264 Resp: 520685

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.2 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

