

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042611.D
 Acq On : 30 Aug 2019 21:55
 Operator : HP/JU
 Sample : K4573-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S700B-N-2.0-2.5-082719

Quant Time: Aug 31 00:01:00 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

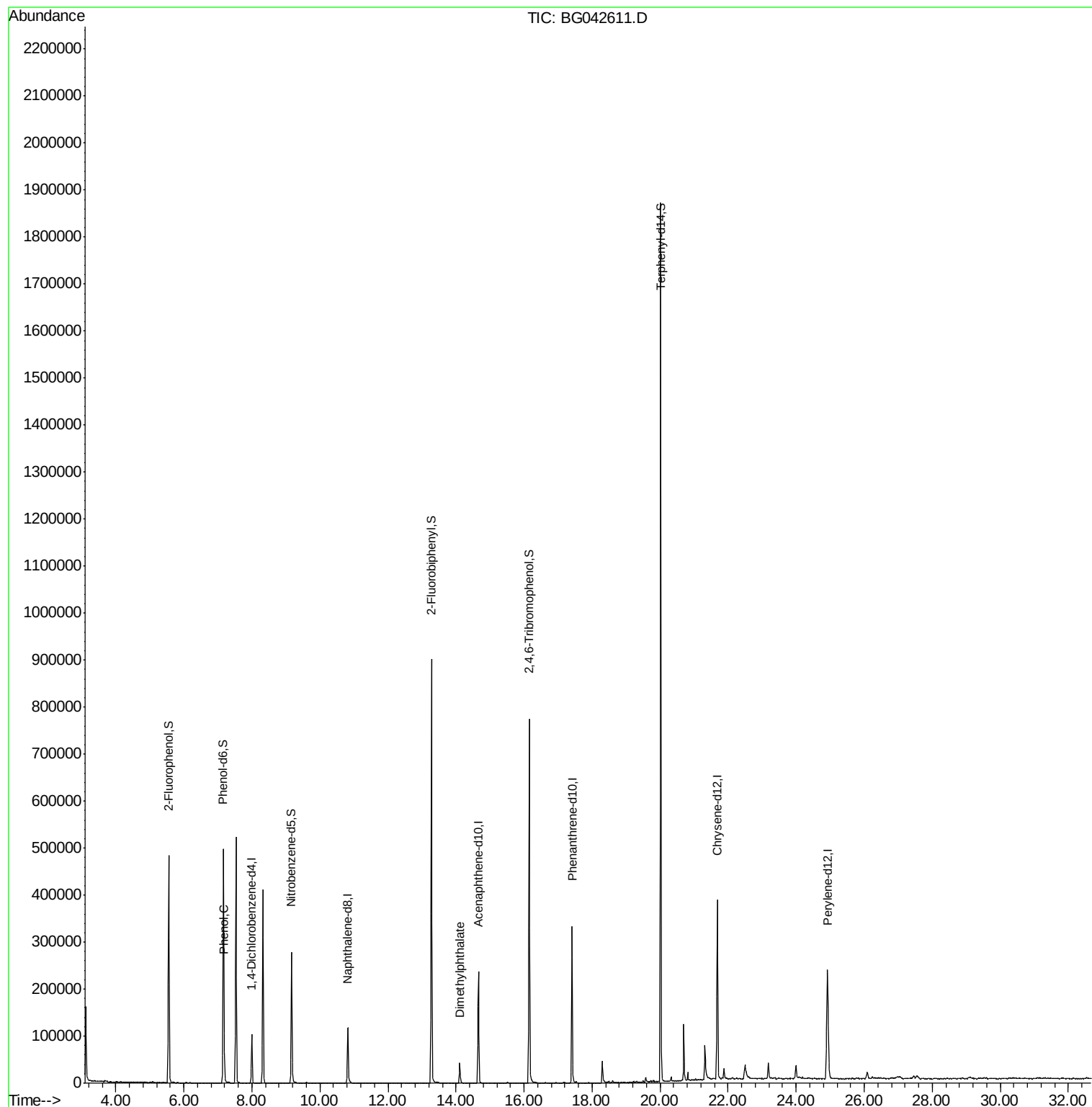
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34304	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	132796	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	100995	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	240208	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	259339	20.00	ng	-0.02
87) Perylene-d12	24.92	264	299352	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	245368	144.86	ng	-0.01
7) Phenol-d6	7.16	99	322127	140.79	ng	-0.01
23) Nitrobenzene-d5	9.16	82	183009	95.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	210622	146.73	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	561502	94.03	ng	0.00
79) Terphenyl-d14	20.02	244	1011775	84.34	ng	-0.01
Target Compounds						
10) Phenol	7.18	94	23506	10.105	ng	85
50) Dimethylphthalate	14.11	163	48311	6.630	ng	98

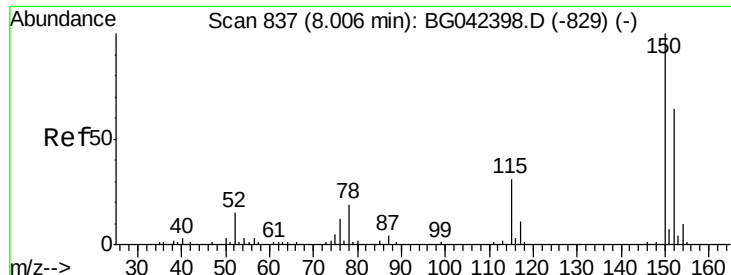
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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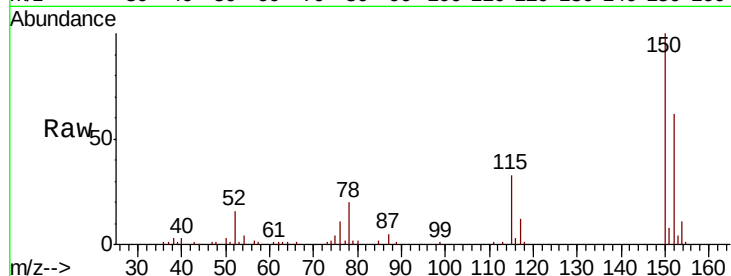


#1

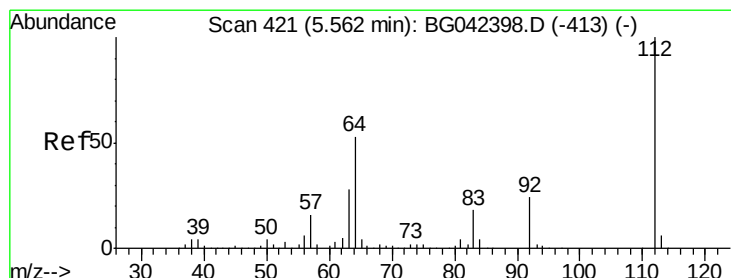
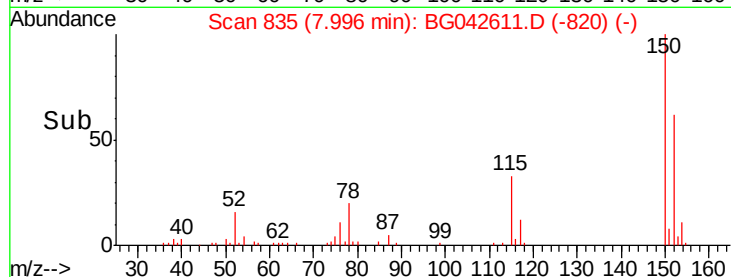
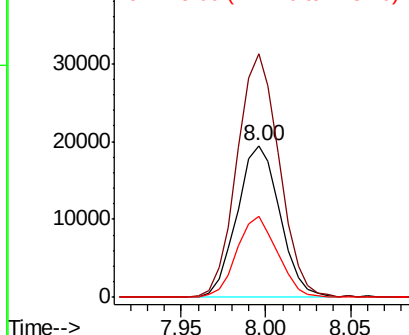
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :
S700B-N-2.0-2.5-082719

Tot Ion:152 Resp: 34304
Ion Ratio Lower Upper
152 100
150 160.5 125.4 188.0
115 53.8 38.5 57.7



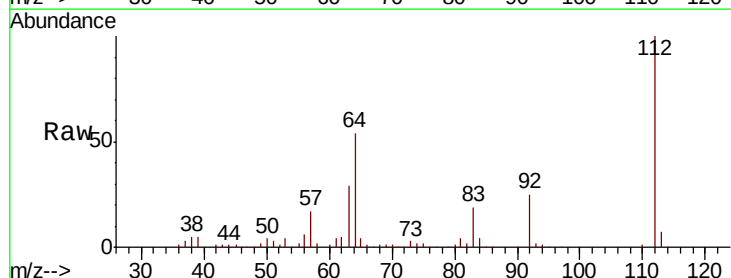
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



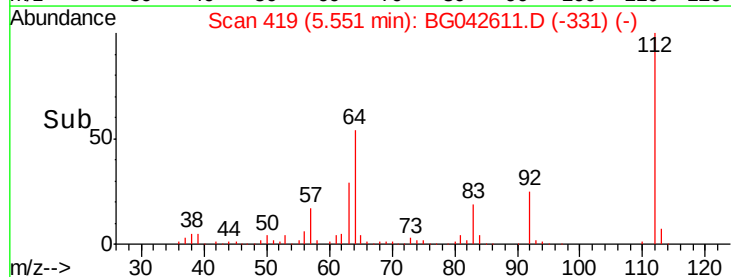
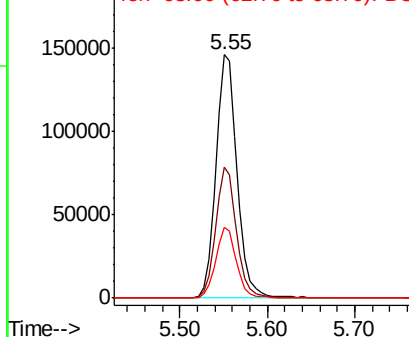
#5

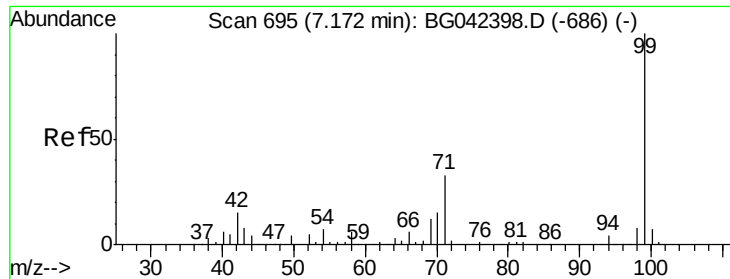
2-Fluorophenol
Concen: 144.864 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Tgt Ion:112 Resp: 245368
Ion Ratio Lower Upper
112 100
64 53.9 42.8 64.2
63 29.3 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: 140.795 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

Instrument :

BNA_G

ClientSampleId :

S700B-N-2.0-2.5-082719

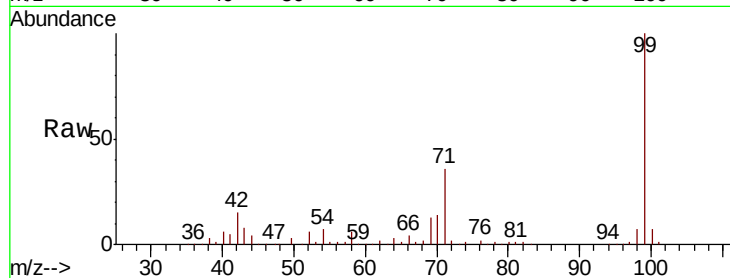
Tot Ion: 99 Resp: 322127

Ion Ratio Lower Upper

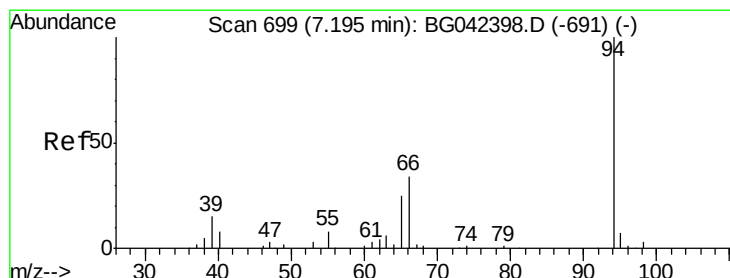
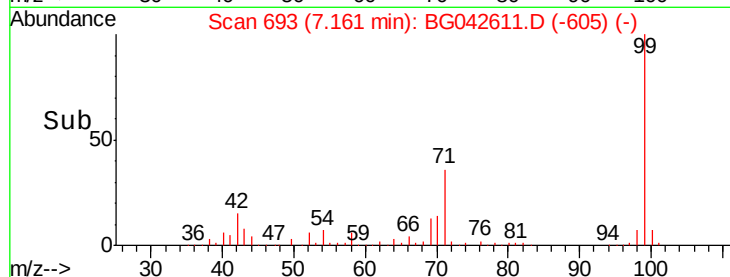
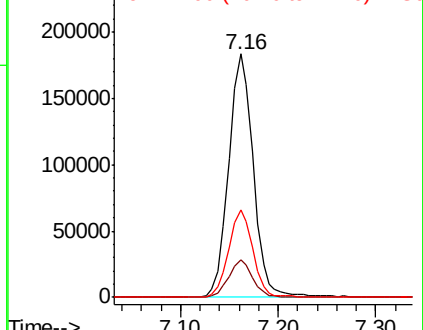
99 100

42 15.4 12.0 18.0

71 35.9 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: 10.105 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

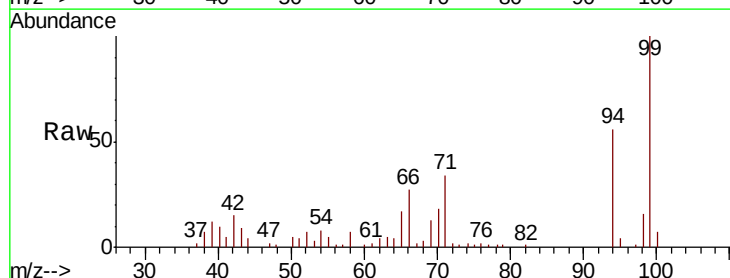
Tgt Ion: 94 Resp: 23506

Ion Ratio Lower Upper

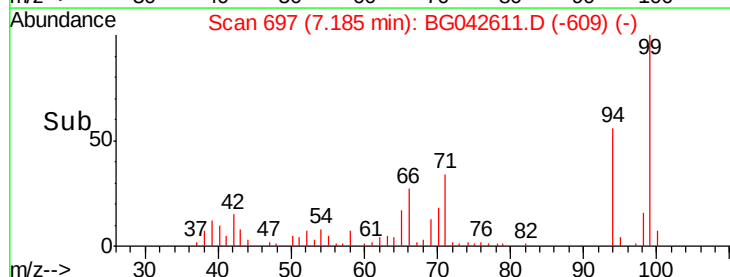
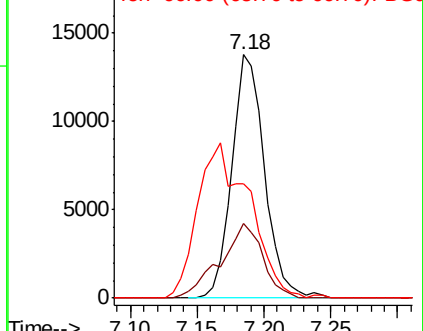
94 100

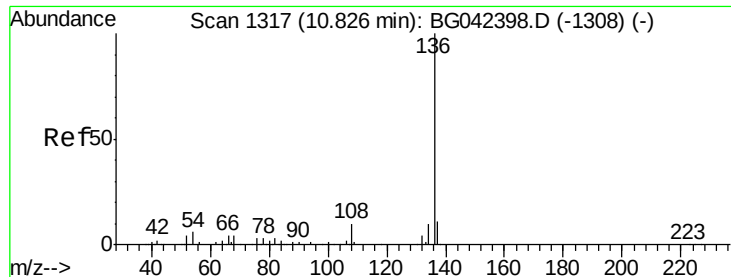
65 30.6 5.6 45.6

66 47.2 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

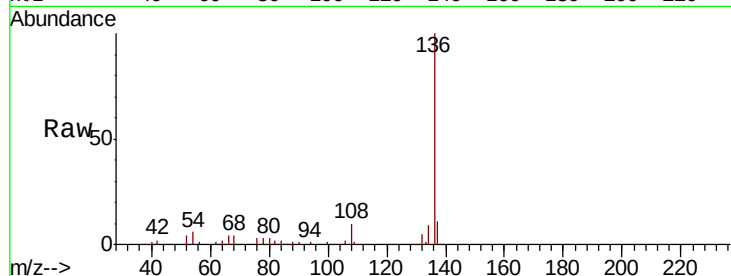




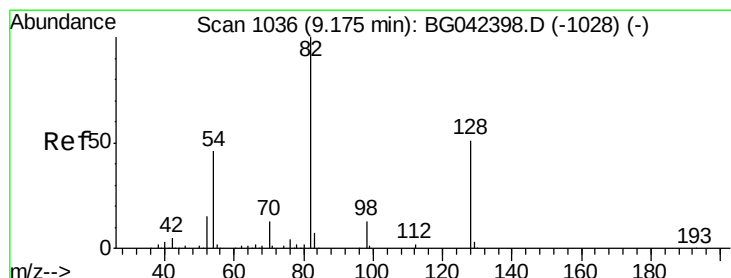
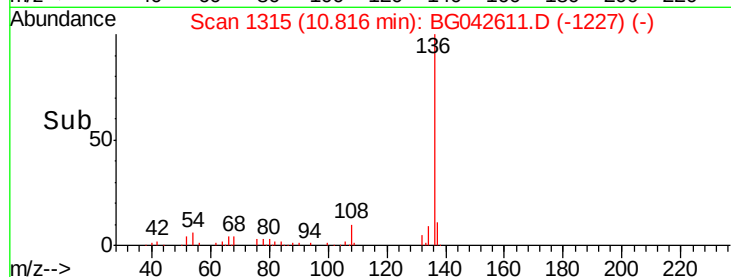
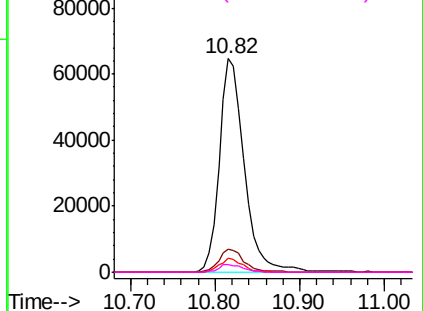
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :
S700B-N-2.0-2.5-082719

Tot Ion:136	Resp:	132796
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.7	13.1
54 6.4	4.9	7.3
68 3.6	3.6	5.4

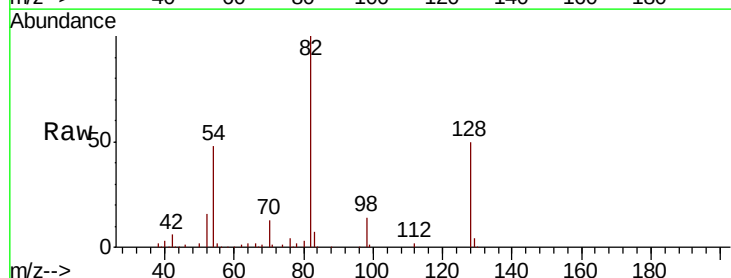


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

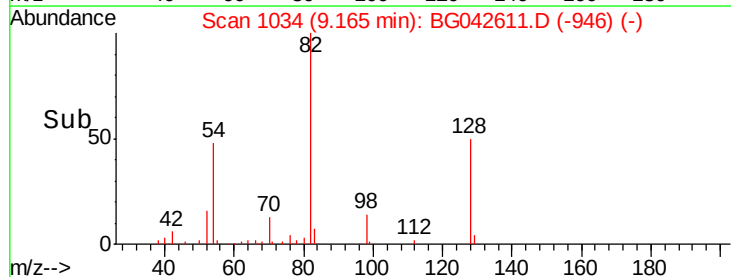
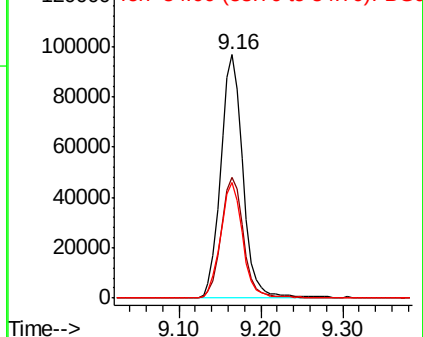


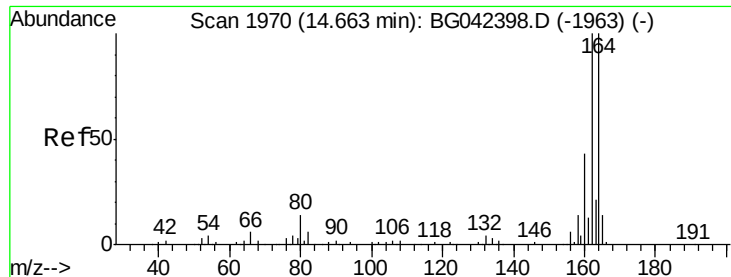
#23
Nitrobenzene-d5
Concen: 95.234 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Tgt Ion: 82	Resp: 183009
Ion Ratio	Lower Upper
82 100	
128 49.5	40.7 61.1
54 47.6	36.3 54.5



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: BG042611.D

Acq: 30 Aug 2019 21:55

Instrument :

BNA_G

ClientSampleId :

S700B-N-2.0-2.5-082719

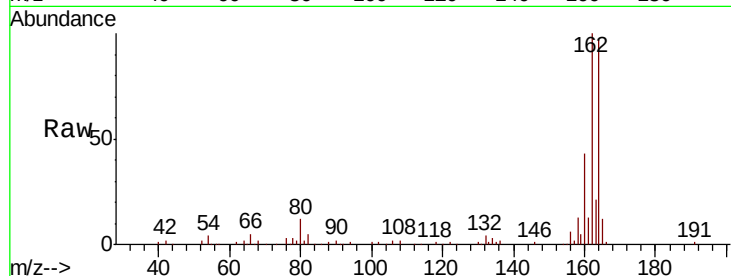
Tot Ion:164 Resp: 100995

Ion Ratio Lower Upper

164 100

162 102.6 79.9 119.9

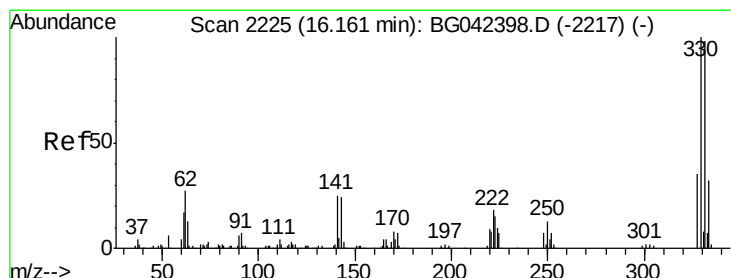
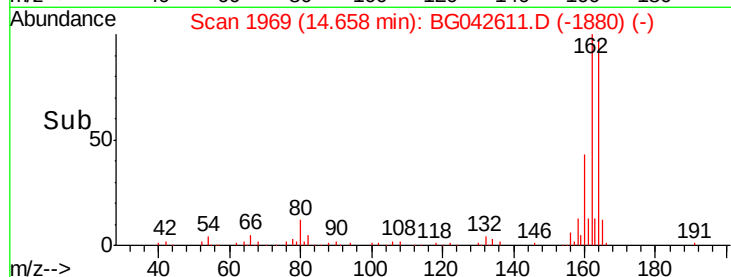
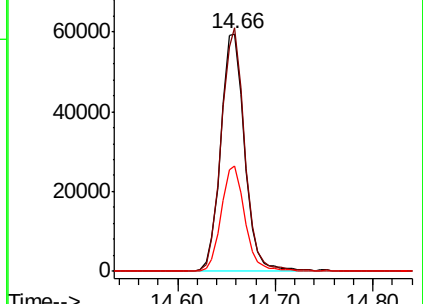
160 44.3 34.3 51.5



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: 146.726 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

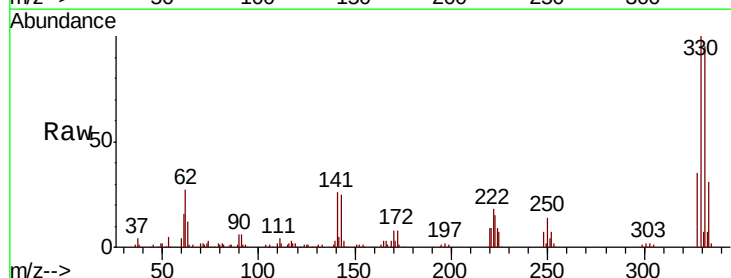
Tgt Ion:330 Resp: 210622

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

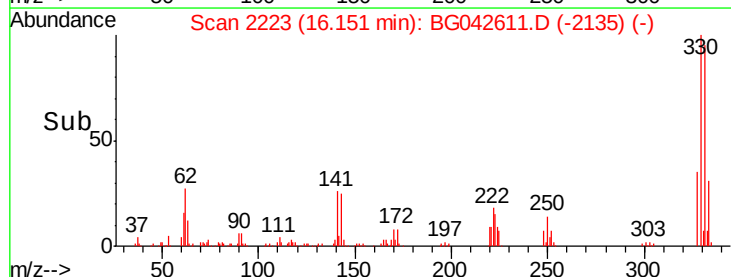
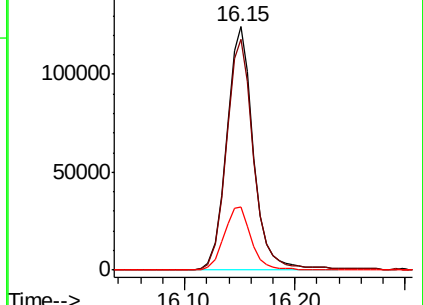
141 26.7 21.4 32.0

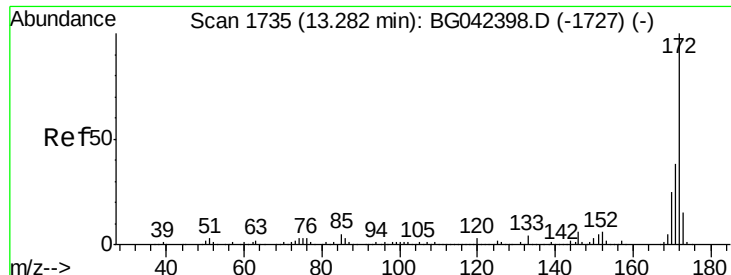


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

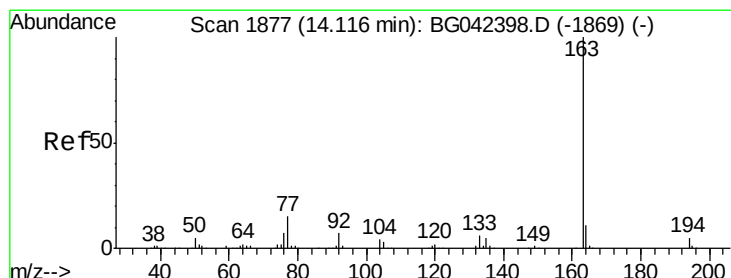
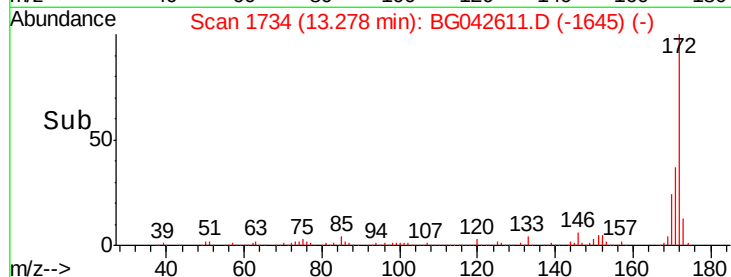
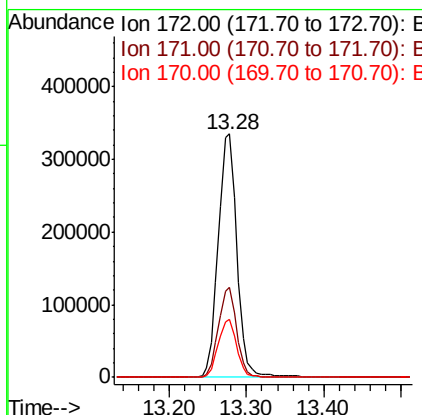
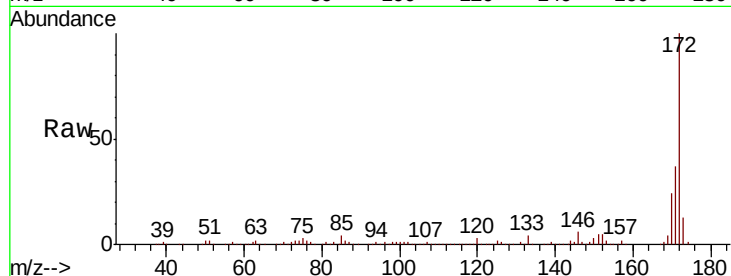




#45
2-Fluorobiphenyl
Concen: 94.030 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

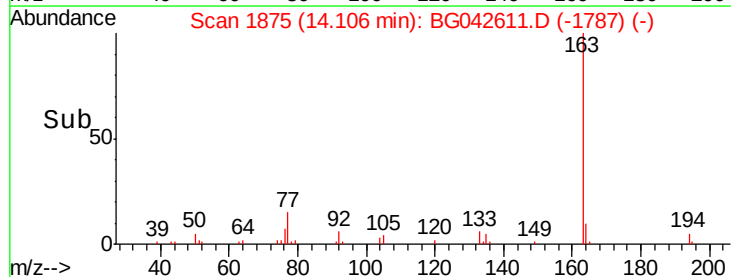
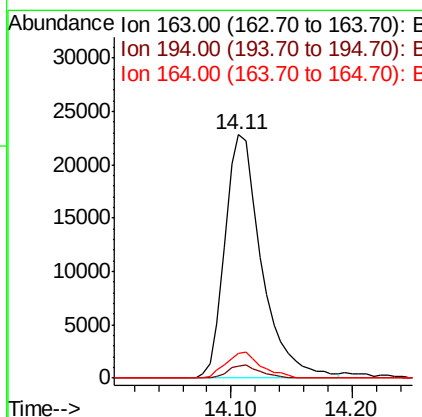
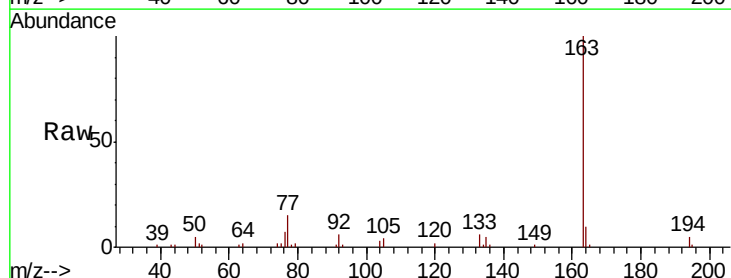
Instrument :
BNA_G
ClientSampleId :
S700B-N-2.0-2.5-082719

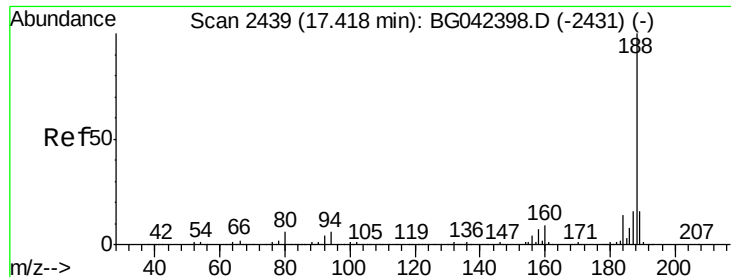
Tot Ion:172 Resp: 561502
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.0 20.2 30.2



#50
Dimethylphthalate
Concen: 6.630 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Tgt Ion:163 Resp: 48311
Ion Ratio Lower Upper
163 100
194 4.8 4.2 6.2
164 10.4 8.8 13.2

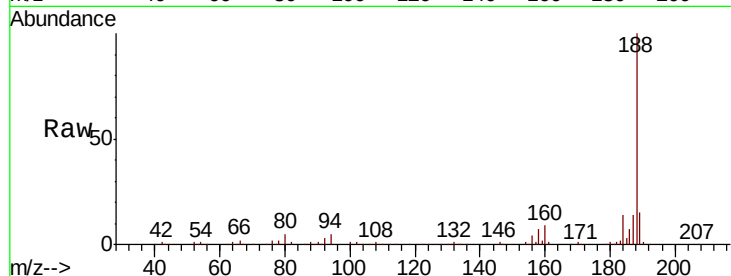




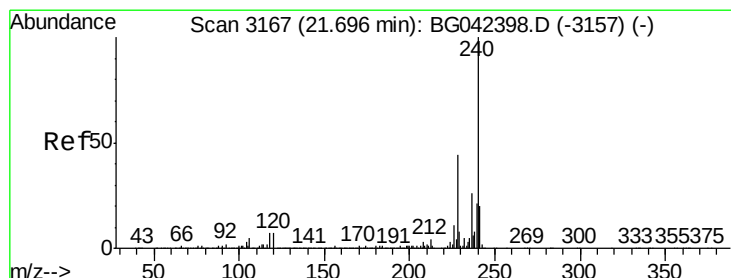
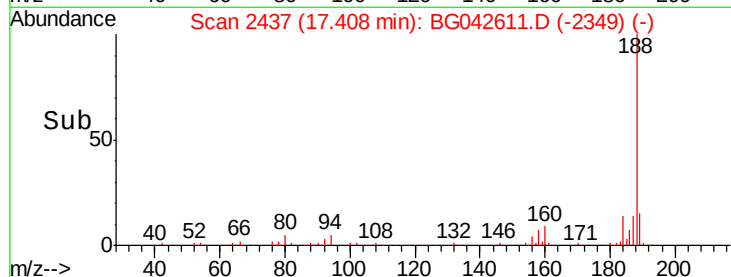
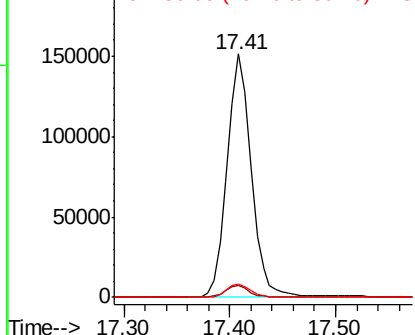
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :
S700B-N-2.0-2.5-082719

Tot Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.5	6.7
80	5.3	4.9	7.3

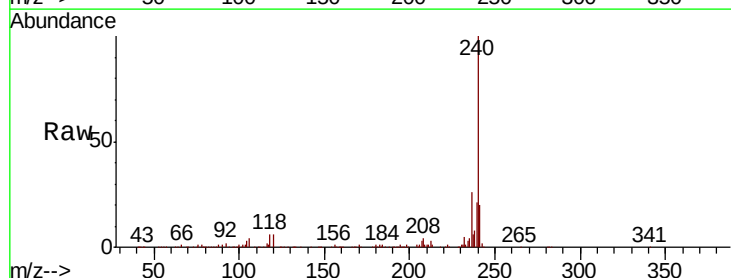


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

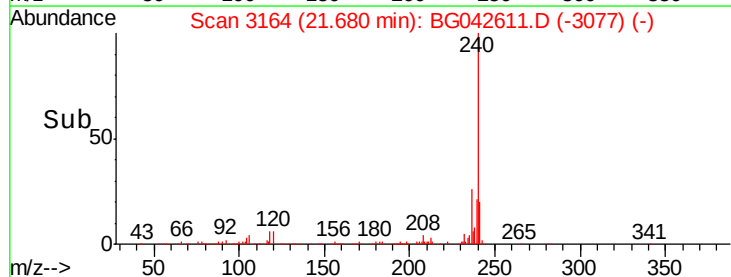
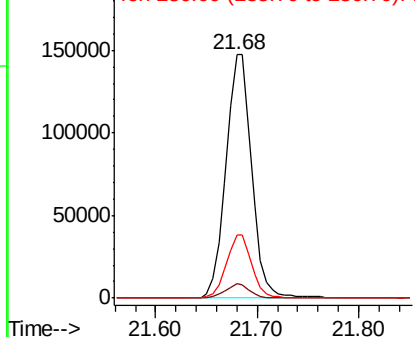


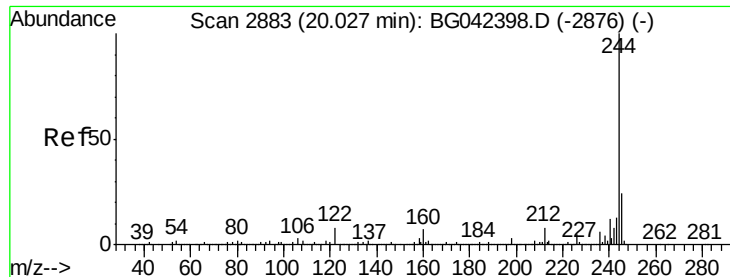
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	26.1	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: 84.344 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

Instrument :

BNA_G

ClientSampleId :

S700B-N-2.0-2.5-082719

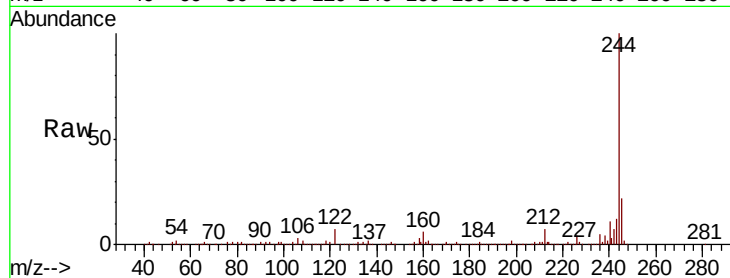
Tot Ion:244 Resp: 1011775

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

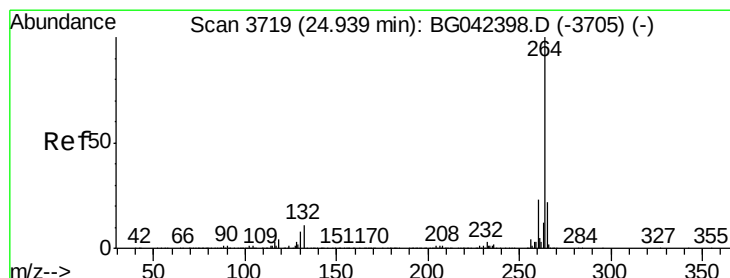
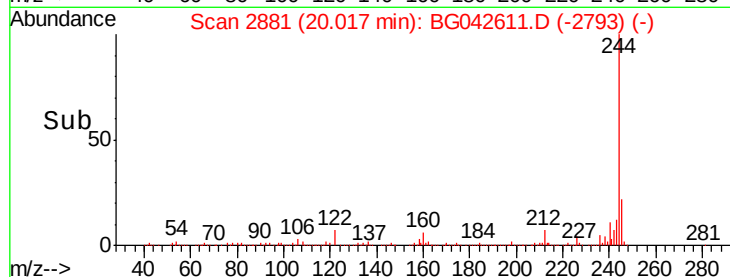
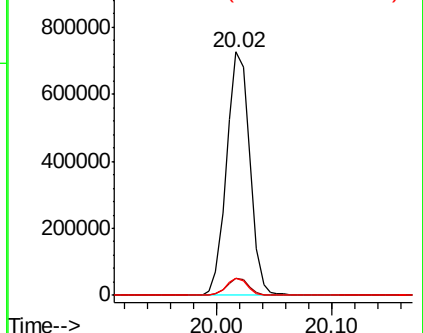
122 7.1 6.7 10.1



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

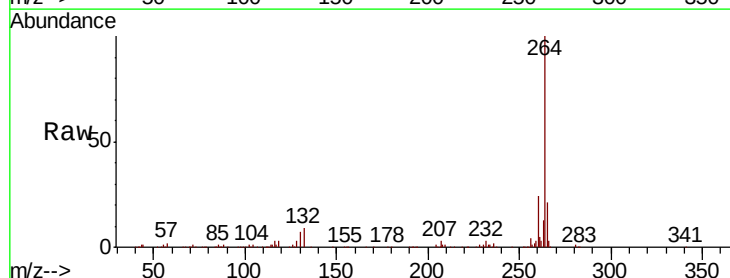
Tgt Ion:264 Resp: 299352

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 20.7 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

