

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042679.D
 Acq On : 2 Sep 2019 2:20
 Operator : HP/JU
 Sample : K4568-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-35-COMP

Quant Time: Sep 02 08:27:22 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

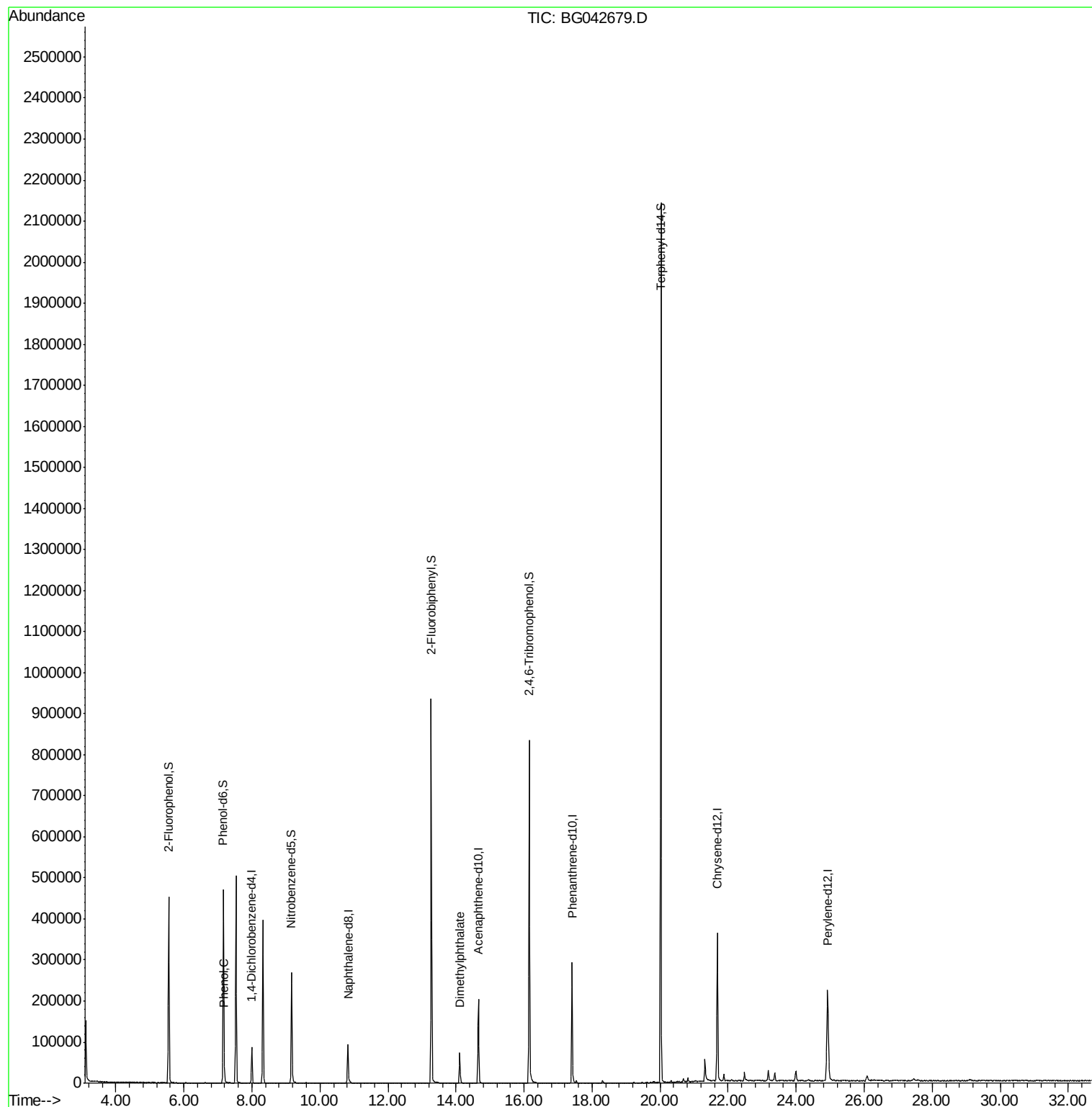
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30059	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	113812	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	89728	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	223290	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	251057	20.00	ng	-0.02
87) Perylene-d12	24.92	264	292122	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	227582	153.34	ng	-0.01
7) Phenol-d6	7.16	99	302449	150.86	ng	-0.01
23) Nitrobenzene-d5	9.16	82	176005	106.87	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	225446	176.77	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	600150	113.12	ng	0.00
79) Terphenyl-d14	20.02	244	1213289	104.48	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7081	3.474	ng	81
50) Dimethylphthalate	14.11	163	79014	12.204	ng	100

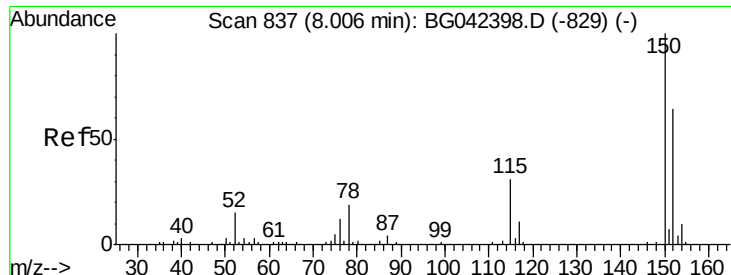
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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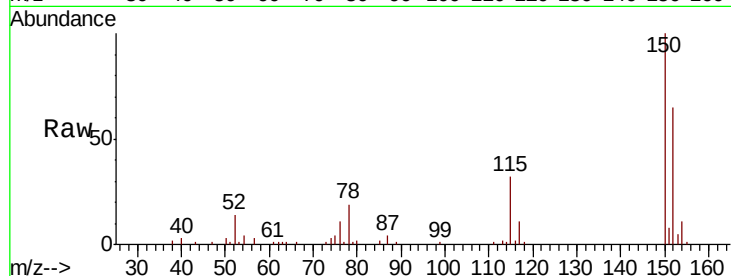


#1

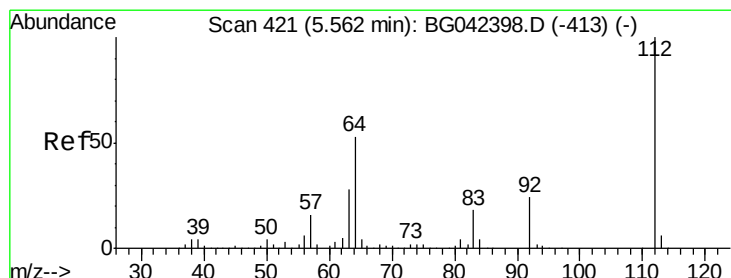
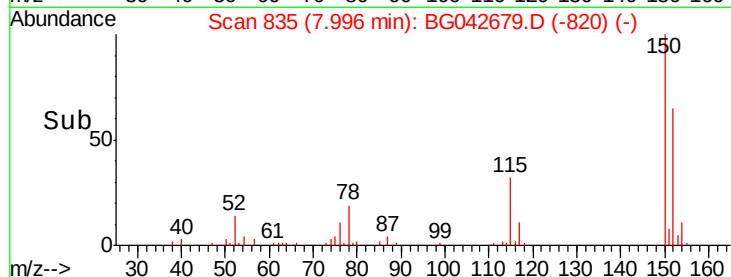
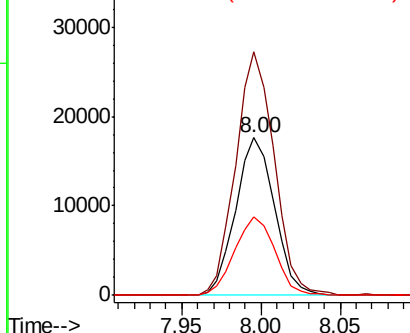
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042679.D
 Acq: 2 Sep 2019 2:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-35-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.4	188.0
115	49.5	38.5	57.7



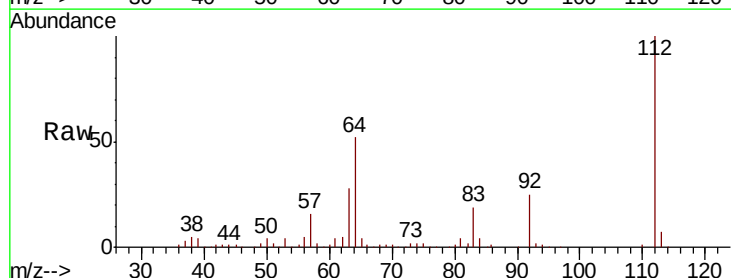
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



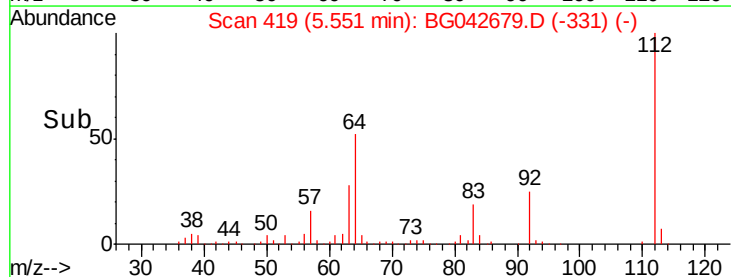
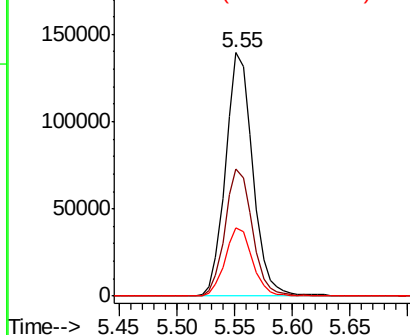
#5

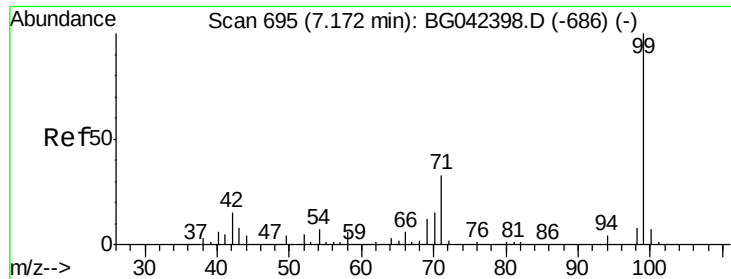
2-Fluorophenol
 Concen: 153.338 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042679.D
 Acq: 2 Sep 2019 2:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.8	64.2
63	28.0	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: 150.863 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042679.D

Acq: 2 Sep 2019 2:20

Instrument :

BNA_G

ClientSampleId :

SB-35-COMP

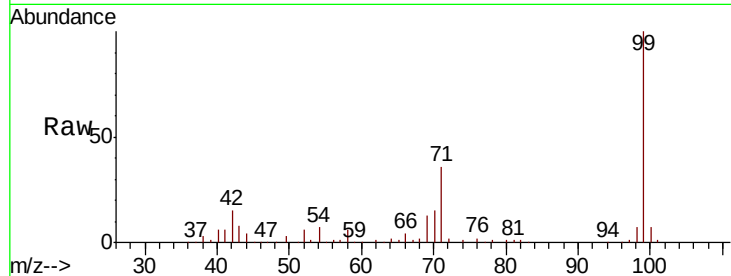
Tot Ion: 99 Resp: 302449

Ion Ratio Lower Upper

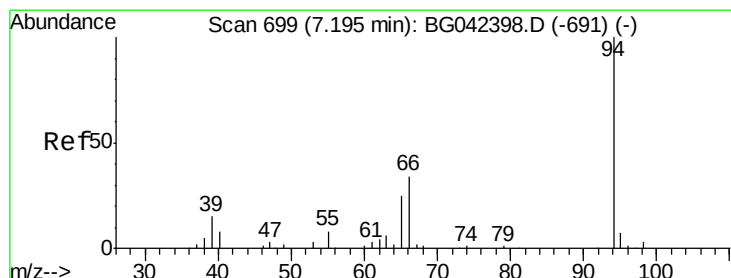
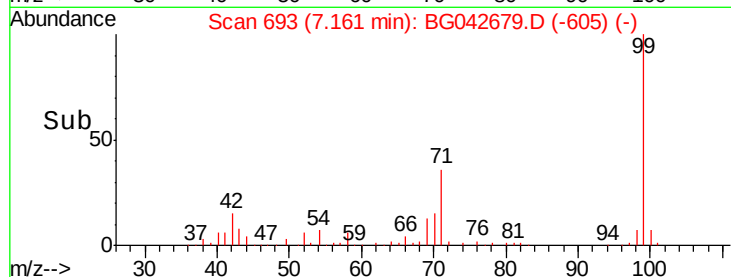
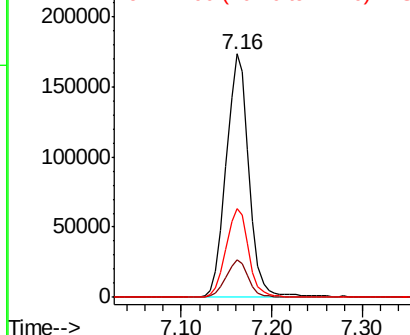
99 100

42 15.4 12.0 18.0

71 36.3 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: 3.474 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042679.D

Acq: 2 Sep 2019 2:20

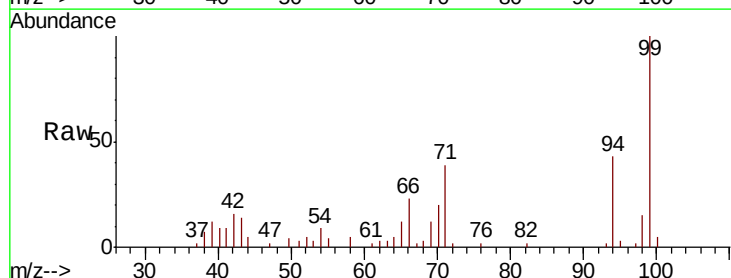
Tgt Ion: 94 Resp: 7081

Ion Ratio Lower Upper

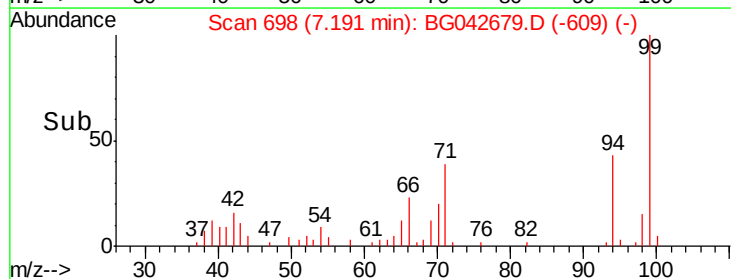
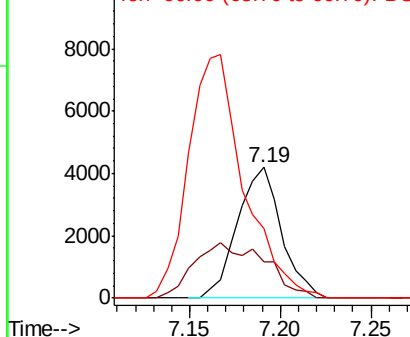
94 100

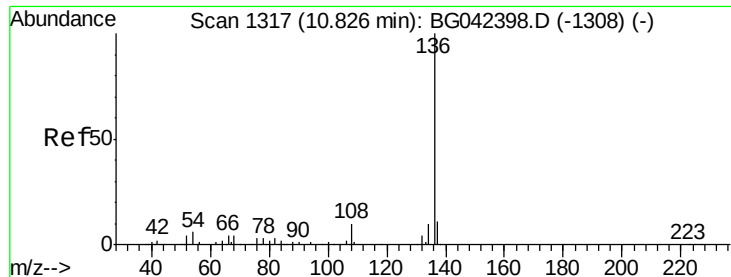
65 28.1 5.6 45.6

66 53.3 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

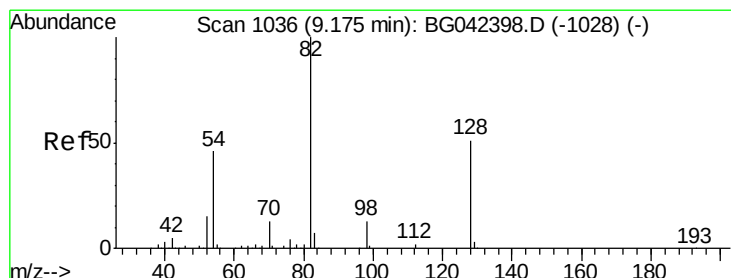
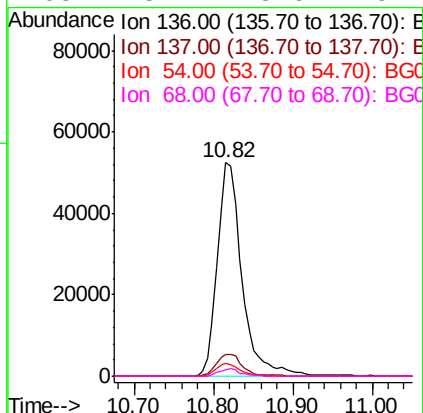
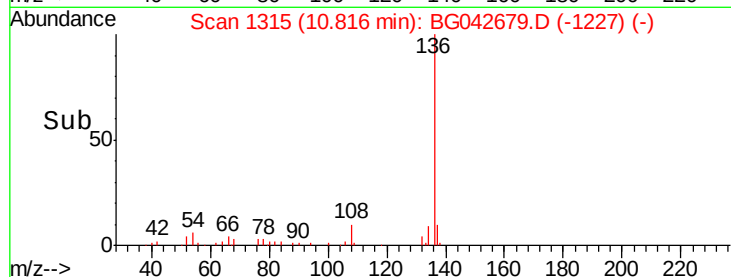
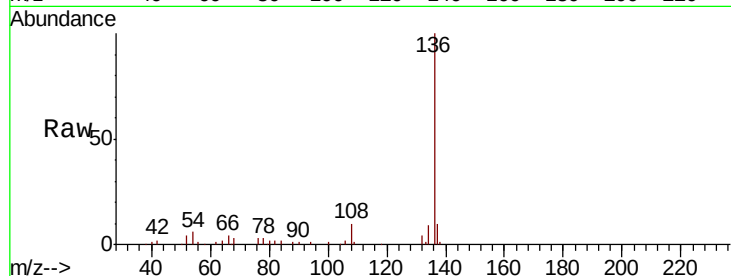




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042679.D
Acq: 2 Sep 2019 2:20

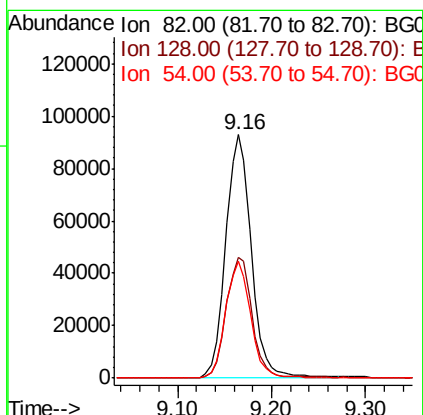
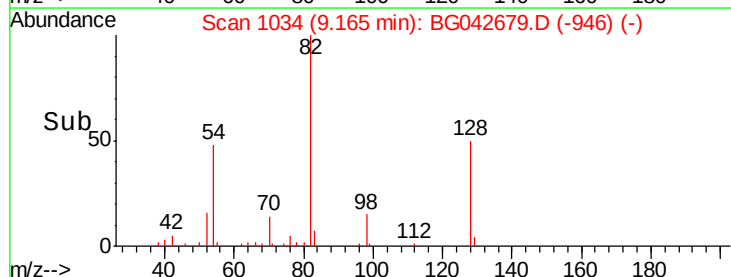
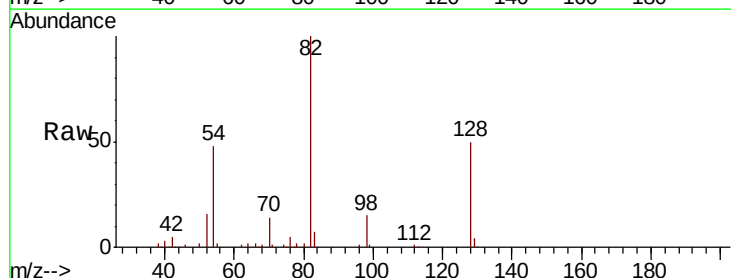
Instrument :
BNA_G
ClientSampleId :
SB-35-COMP

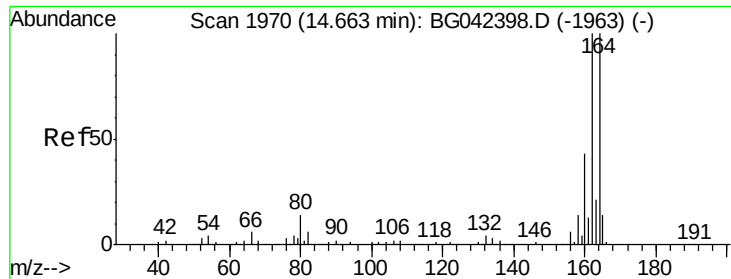
Tot Ion:136	Resp:	113812
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.7 13.1
54	5.8	4.9 7.3
68	3.2	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 106.866 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042679.D
Acq: 2 Sep 2019 2:20

Tgt Ion: 82	Resp:	176005
Ion Ratio	Lower	Upper
82	100	
128	49.8	40.7 61.1
54	48.1	36.3 54.5

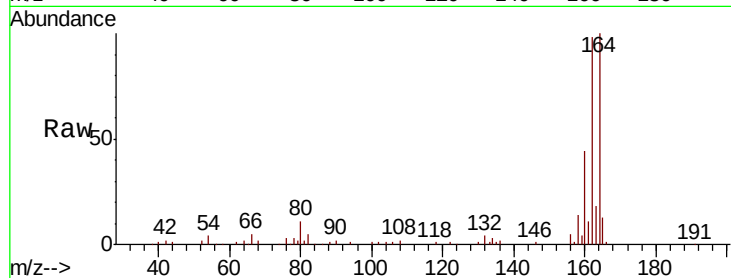




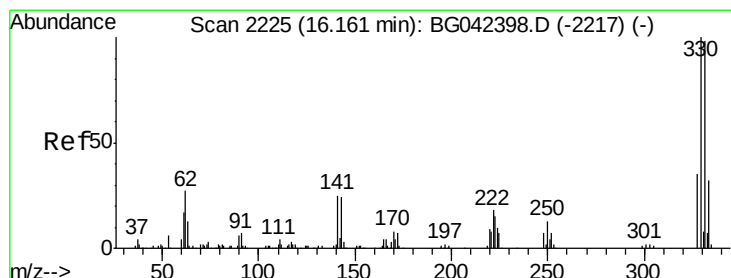
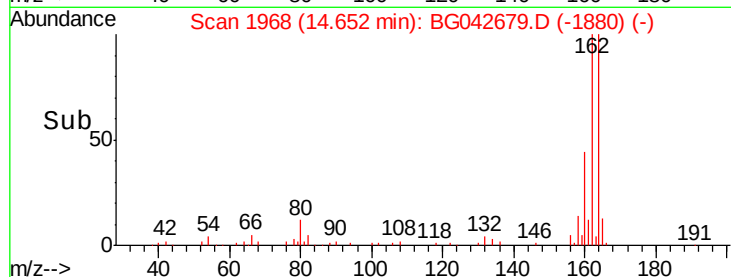
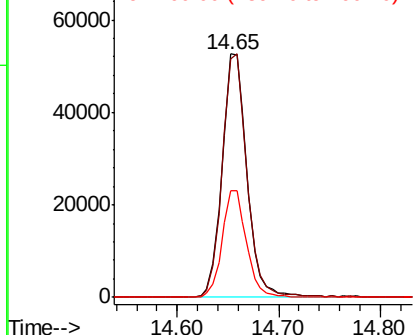
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042679.D
Acq: 2 Sep 2019 2:20

Instrument :
BNA_G
ClientSampleId :
SB-35-COMP

Tot Ion:164 Resp: 89728
Ion Ratio Lower Upper
164 100
162 97.9 79.9 119.9
160 43.6 34.3 51.5

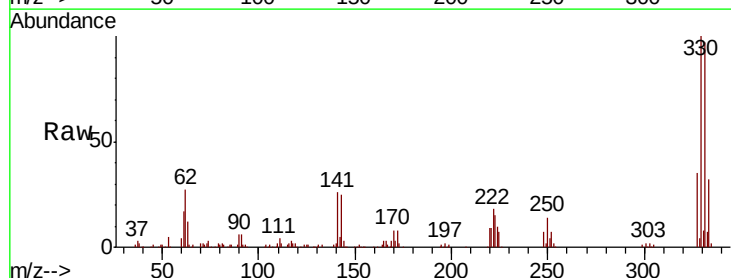


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

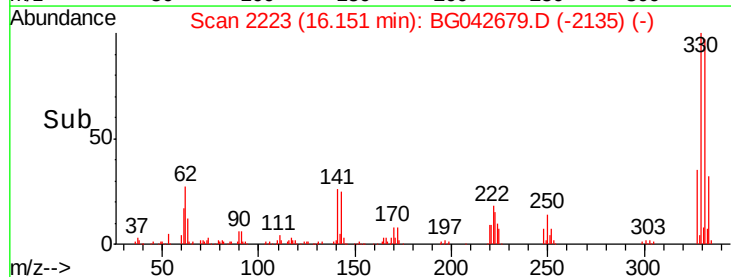
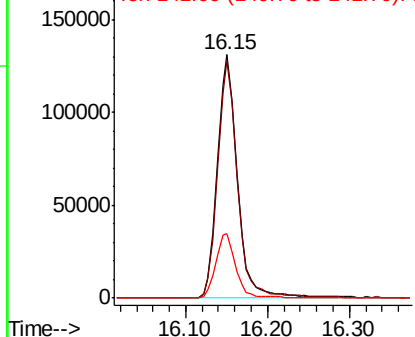


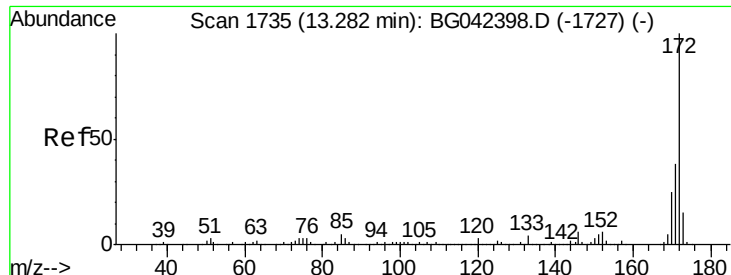
#42
2,4,6-Tribromophenol
Concen: 176.774 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042679.D
Acq: 2 Sep 2019 2:20

Tgt Ion:330 Resp: 225446
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 26.6 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

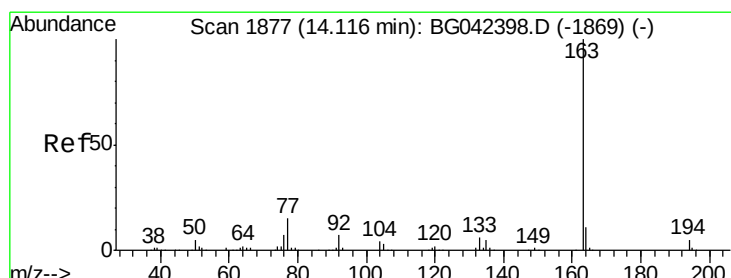
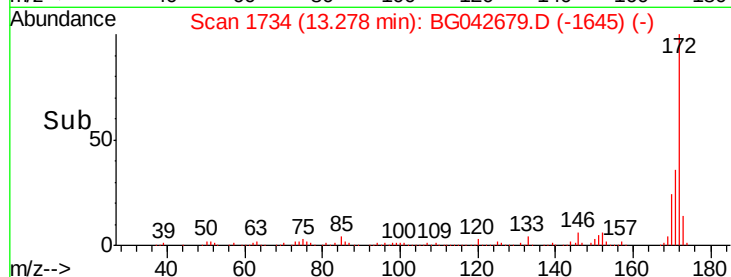
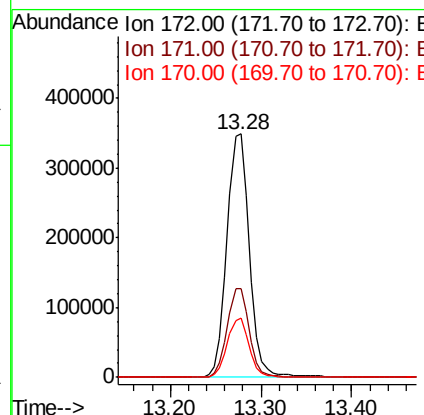
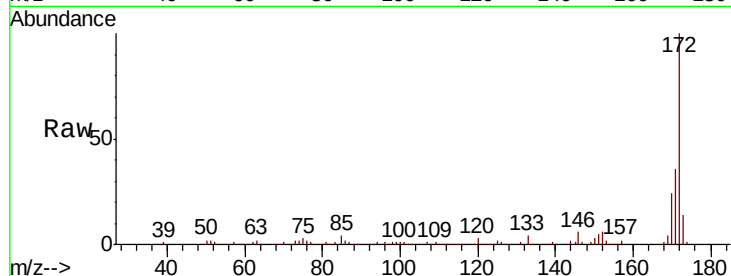




#45
 2-Fluorobiphenyl
 Concen: 113.122 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042679.D
 Acq: 2 Sep 2019 2:20

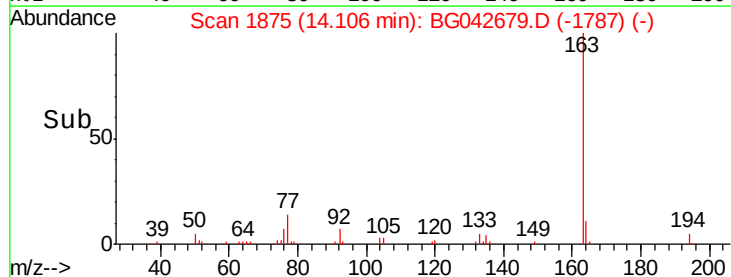
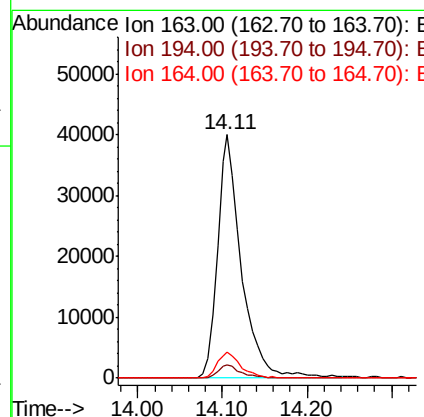
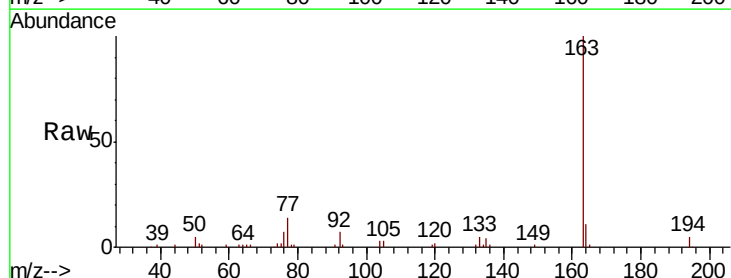
Instrument :
 BNA_G
 ClientSampleId :
 SB-35-COMP

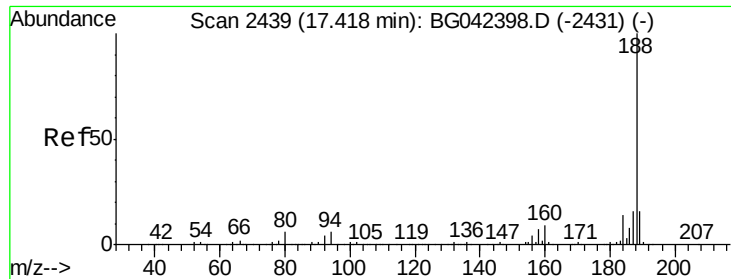
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	24.2	20.2	30.2



#50
 Dimethylphthalate
 Concen: 12.204 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042679.D
 Acq: 2 Sep 2019 2:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	10.8	8.8	13.2

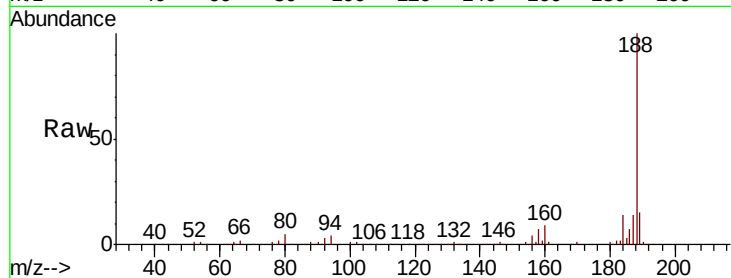




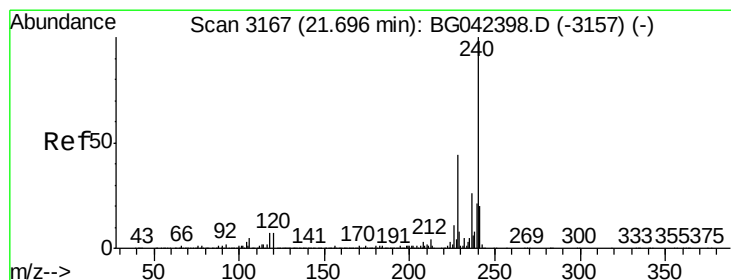
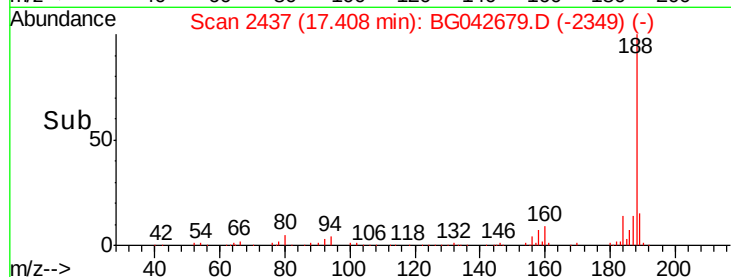
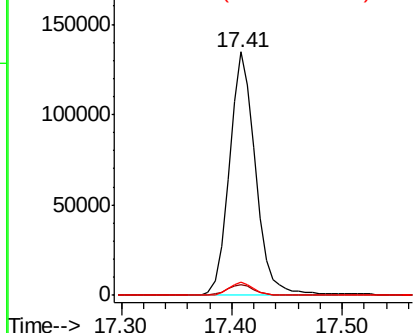
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042679.D
Acq: 2 Sep 2019 2:20

Instrument :
BNA_G
ClientSampleId :
SB-35-COMP

Tot Ion:188 Resp: 223290
Ion Ratio Lower Upper
188 100
94 4.5 4.5 6.7#
80 5.2 4.9 7.3

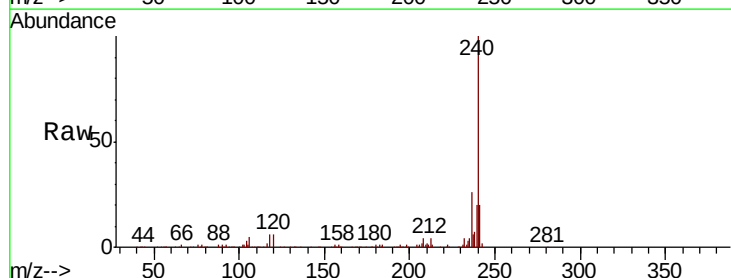


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

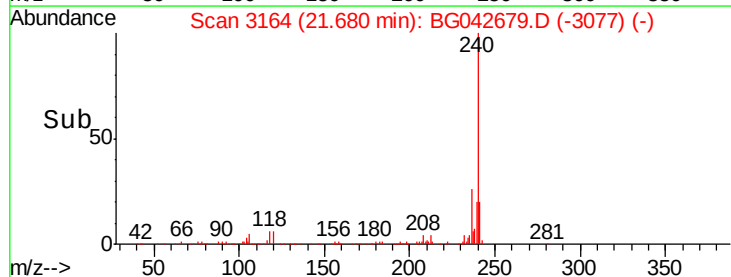
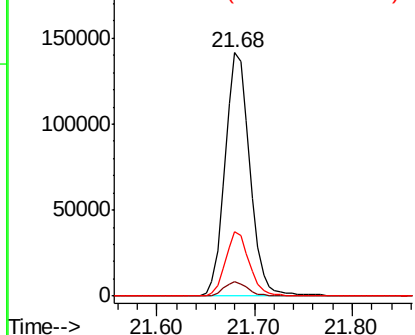


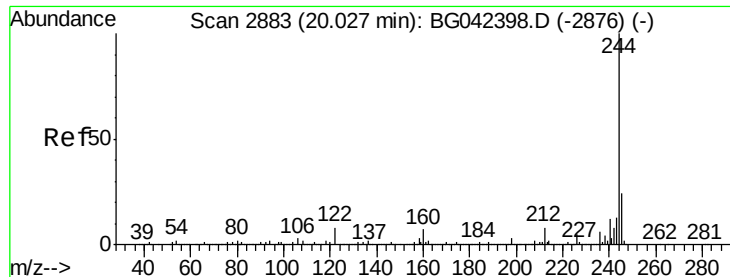
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042679.D
Acq: 2 Sep 2019 2:20

Tgt Ion:240 Resp: 251057
Ion Ratio Lower Upper
240 100
120 5.8 5.7 8.5
236 26.2 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: 104.480 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042679.D

Acq: 2 Sep 2019 2:20

Instrument :

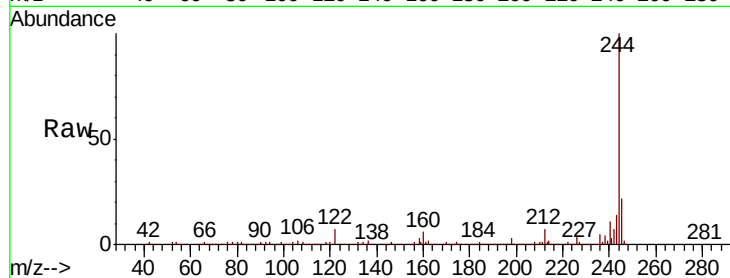
BNA_G

ClientSampled :

SB-35-COMP

Tot Ion:244 Resp: 1213289

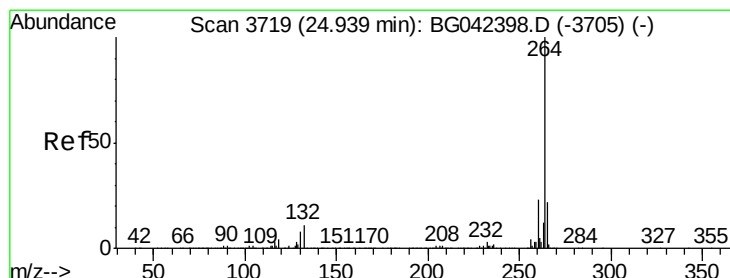
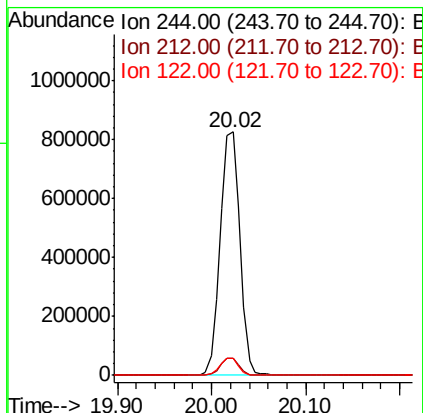
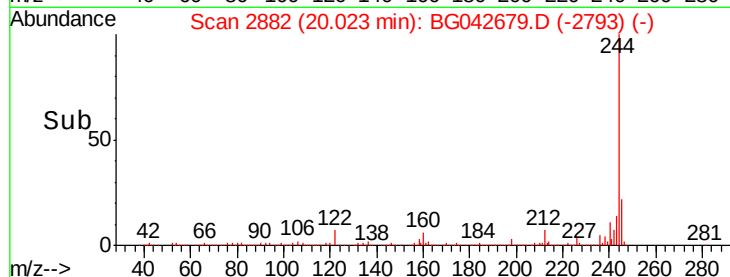
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	6.8	6.7	10.1



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

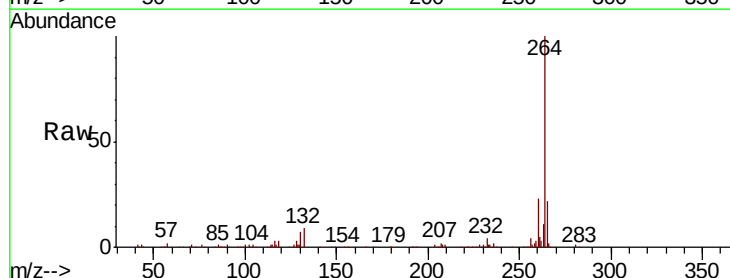
Delta R.T. -0.02 min

Lab File: BG042679.D

Acq: 2 Sep 2019 2:20

Tgt Ion:264 Resp: 292122

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.0	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

