

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043727.D
 Acq On : 20 Nov 2019 14:37
 Operator : JU
 Sample : K5904-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-(8-10)

Quant Time: Nov 21 00:52:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

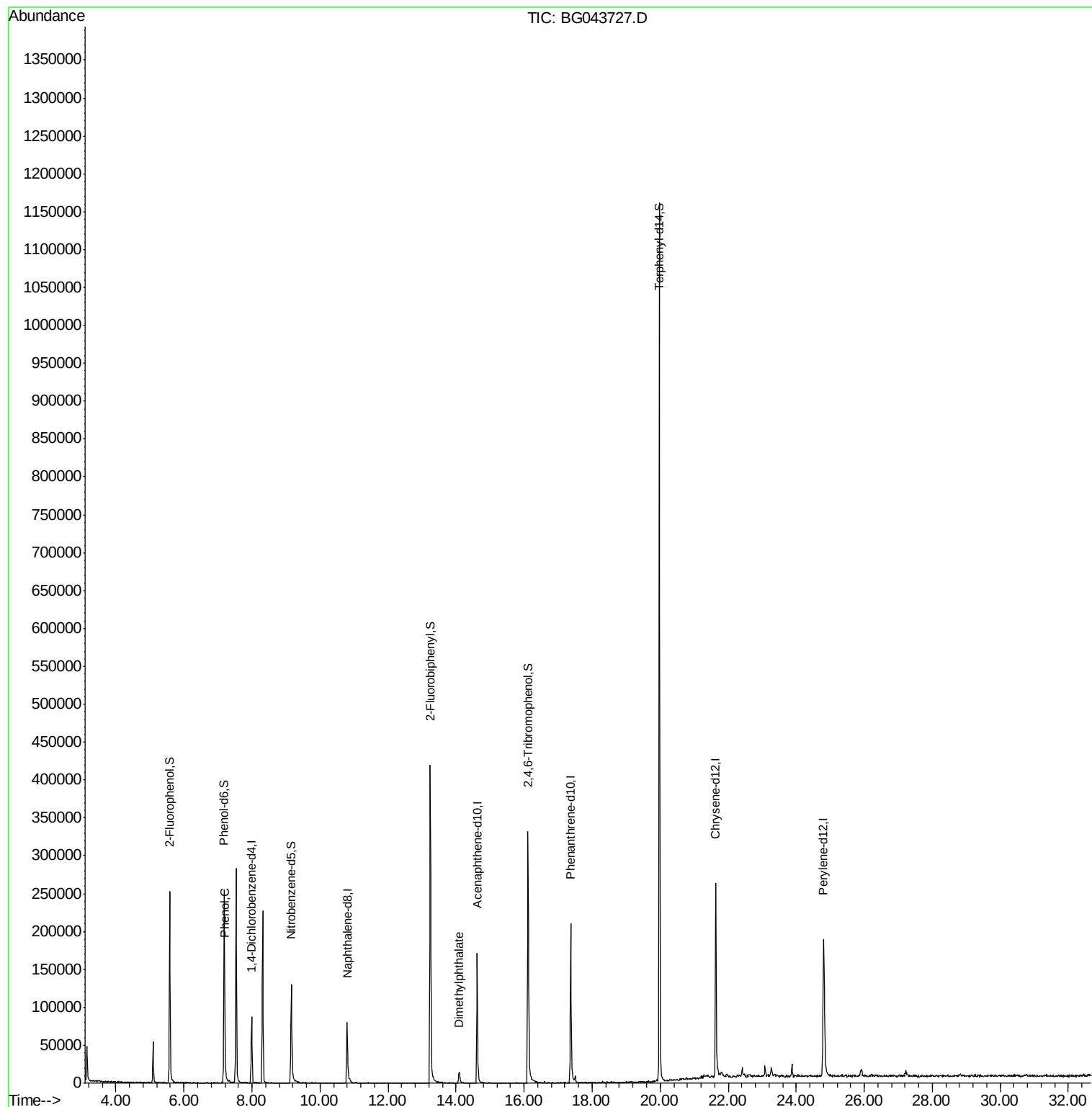
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27395	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	98332	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	71881	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	184401	20.00	ng	0.00
76) Chrysene-d12	21.63	240	200629	20.00	ng	0.00
87) Perylene-d12	24.80	264	228543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	123055	82.31	ng	0.00
7) Phenol-d6	7.18	99	172812	80.34	ng	0.00
23) Nitrobenzene-d5	9.15	82	101400	53.16	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	94276	68.92	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	274733	52.81	ng	0.00
79) Terphenyl-d14	19.97	244	627194	58.65	ng	0.00
Target Compounds						
10) Phenol	7.20	94	5990	3.048	ng	Qvalue # 53
50) Dimethylphthalate	14.09	163	19081	3.427	ng	96

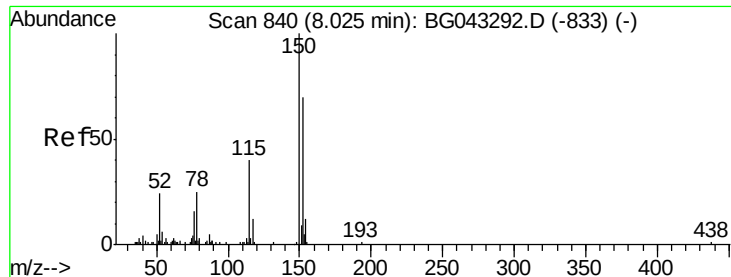
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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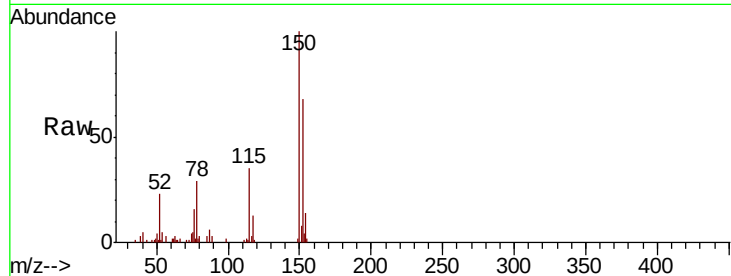


#1

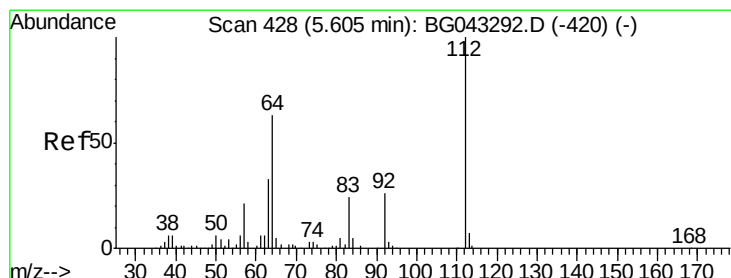
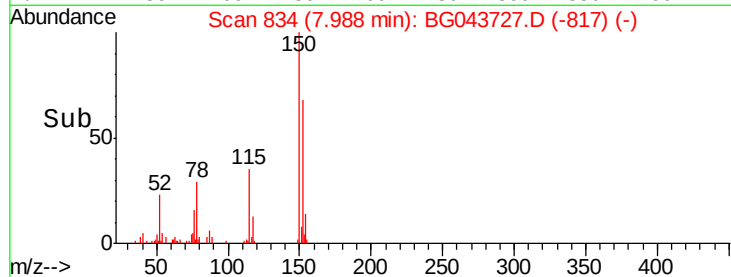
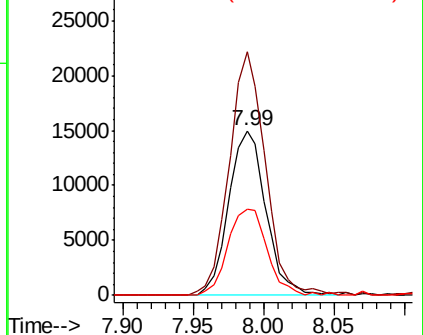
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Instrument :
BNA_G
ClientSampleId :
1-(8-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	116.6	175.0
115	52.1	40.5	60.7



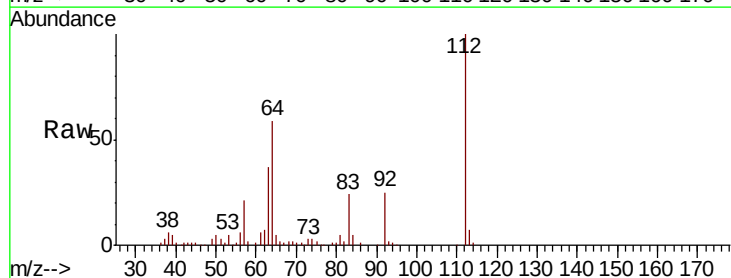
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



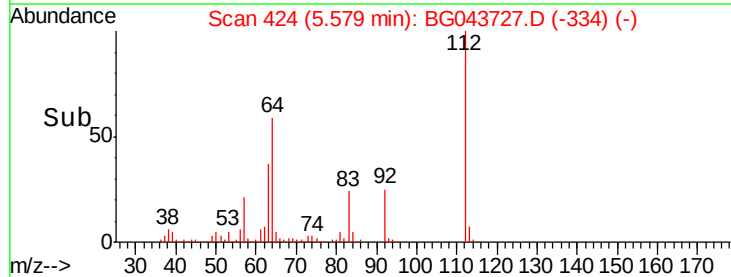
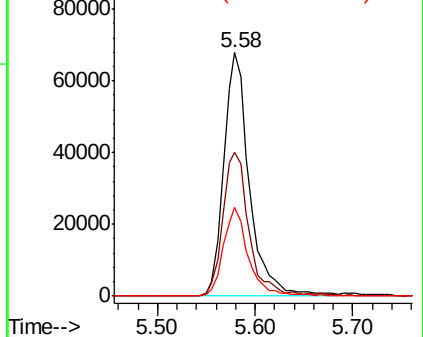
#5

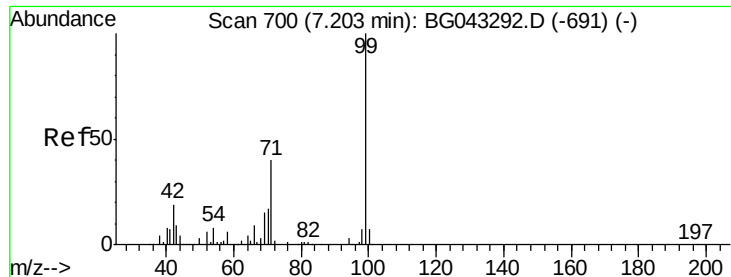
2-Fluorophenol
Concen: 82.311 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	50.6	75.8
63	36.7	30.5	45.7



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: 80.342 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG043727.D

Acq: 20 Nov 2019 14:37

Instrument :

BNA_G

ClientSampled :

1-(8-10)

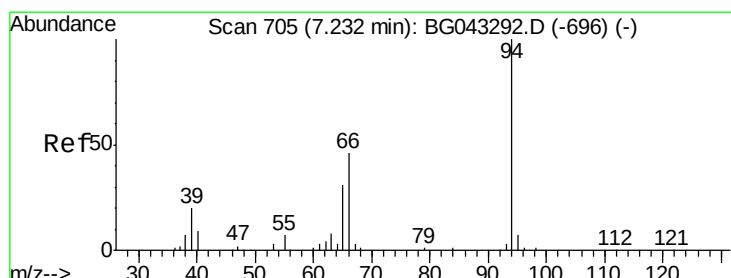
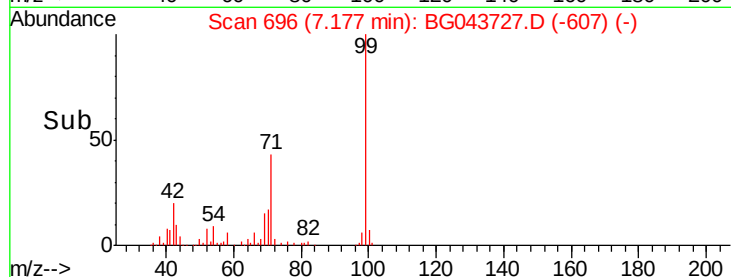
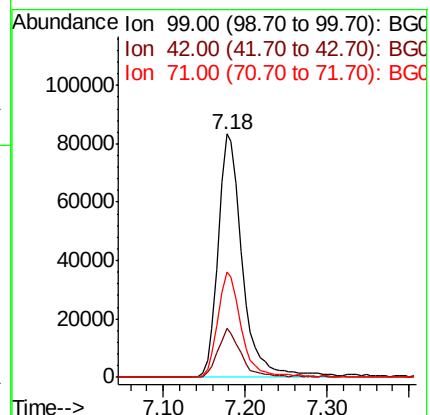
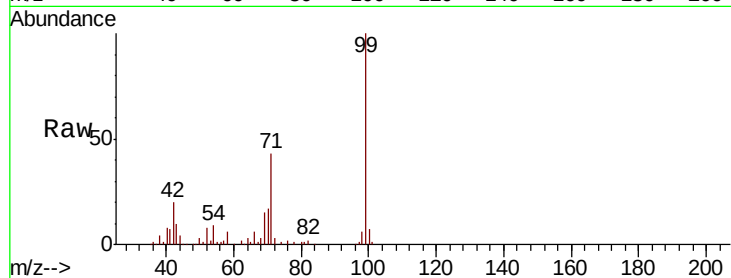
Tot Ion: 99 Resp: 172812

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.8

71 43.1 34.4 51.6



#10

Phenol

Concen: 3.048 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043727.D

Acq: 20 Nov 2019 14:37

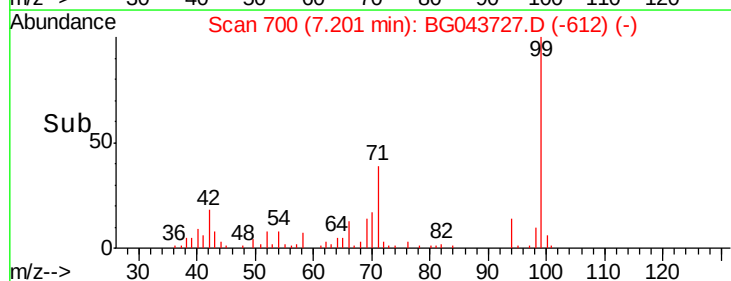
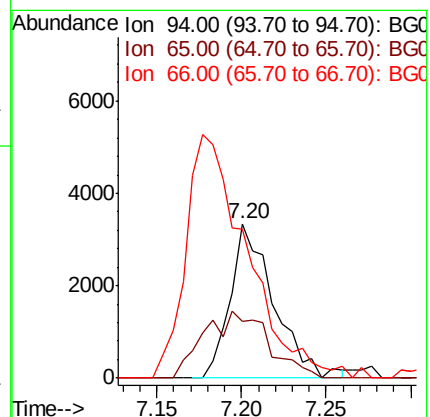
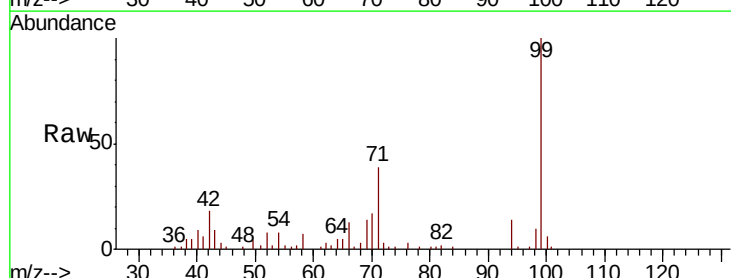
Tgt Ion: 94 Resp: 5990

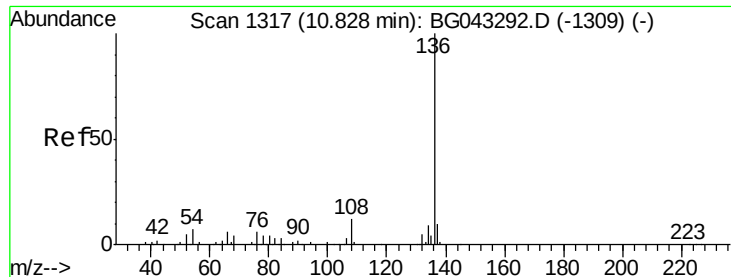
Ion Ratio Lower Upper

94 100

65 36.5 11.4 51.4

66 96.3 28.4 68.4#

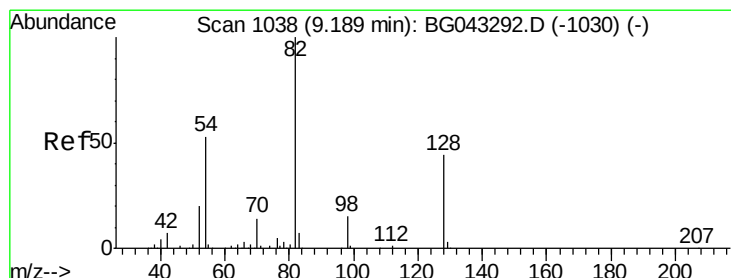
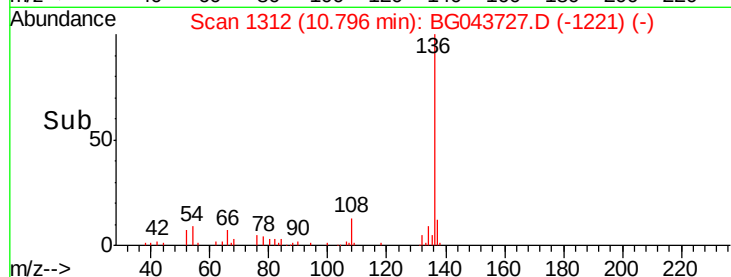
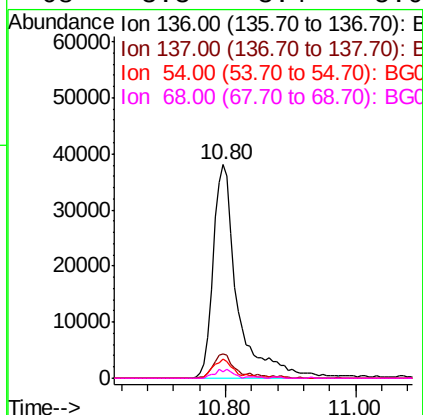
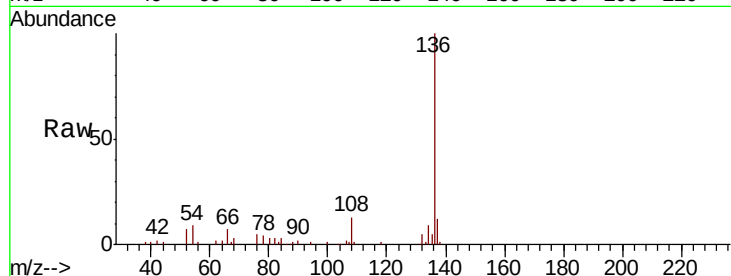




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

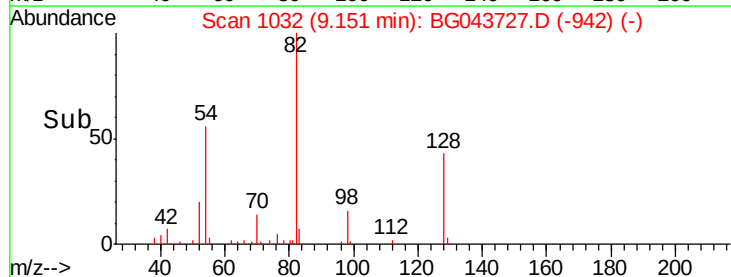
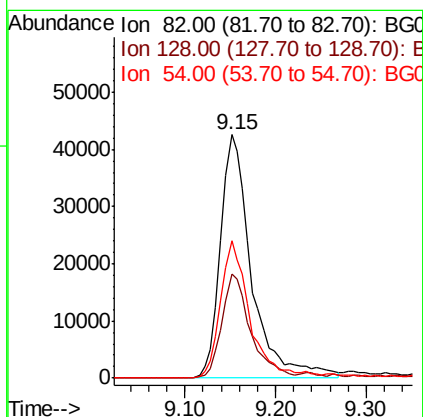
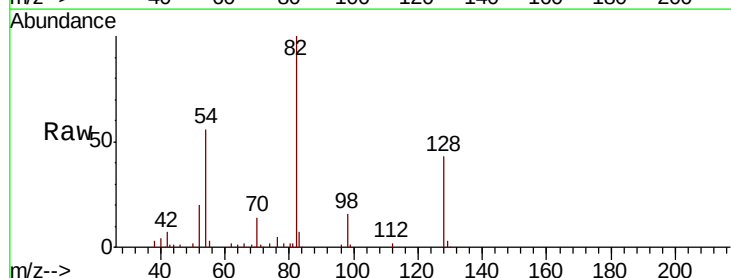
Instrument :
BNA_G
ClientSampleId :
1-(8-10)

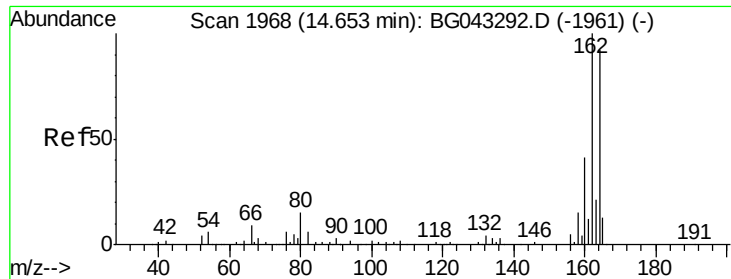
Tot Ion:136	Resp:	98332
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.8 13.2
54	9.0	6.2 9.2
68	3.3	3.4 5.0#



#23
Nitrobenzene-d5
Concen: 53.163 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion: 82	Resp:	101400
Ion Ratio	Lower	Upper
82	100	
128	42.9	34.2 51.4
54	56.4	44.7 67.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG043727.D

Acq: 20 Nov 2019 14:37

Instrument :

BNA_G

ClientSampled :

1-(8-10)

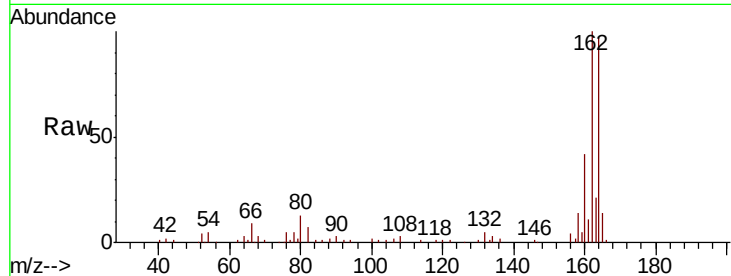
Tot Ion:164 Resp: 71881

Ion Ratio Lower Upper

164 100

162 102.8 79.4 119.2

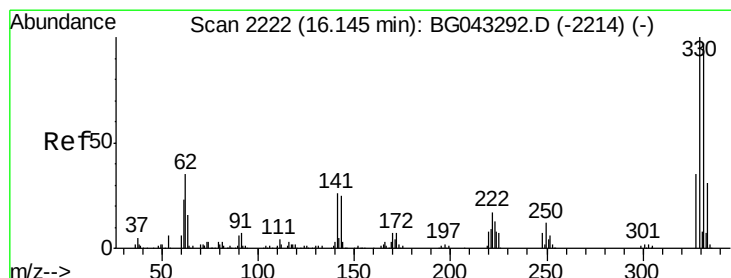
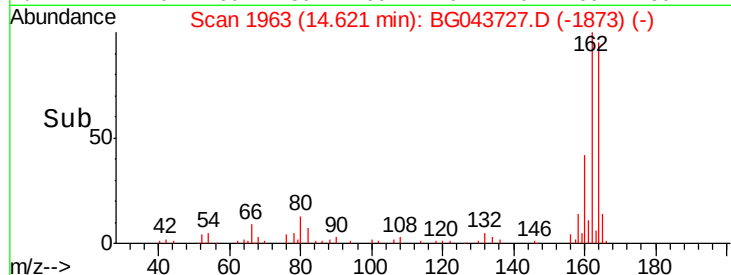
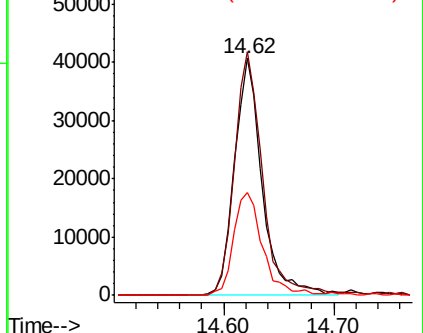
160 43.5 36.3 54.5



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: 68.920 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG043727.D

Acq: 20 Nov 2019 14:37

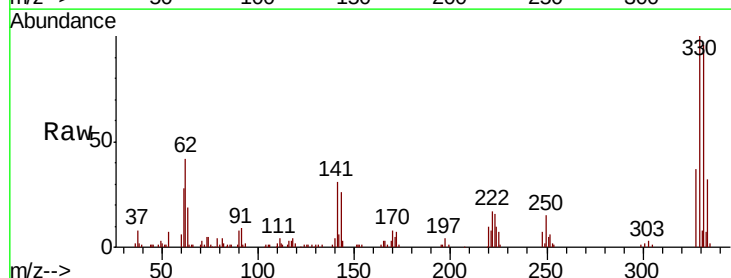
Tgt Ion:330 Resp: 94276

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

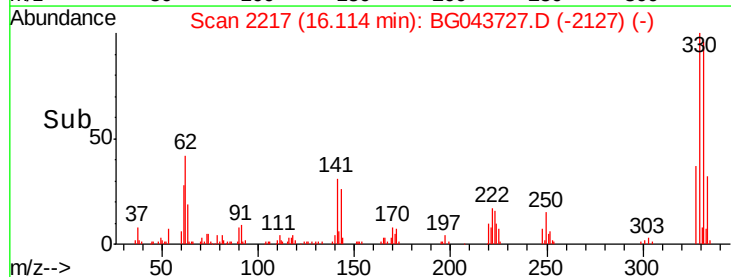
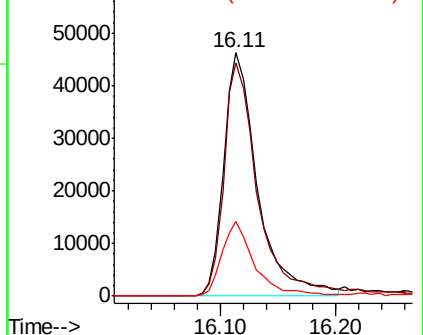
141 29.2 23.4 35.2

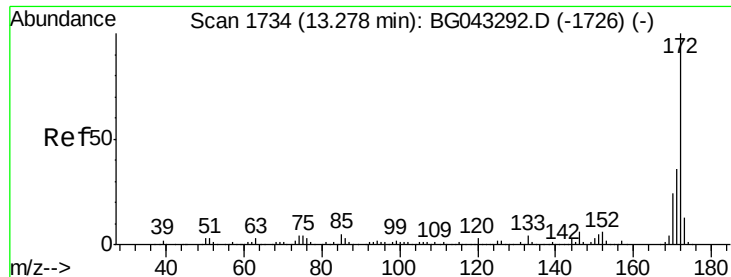


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

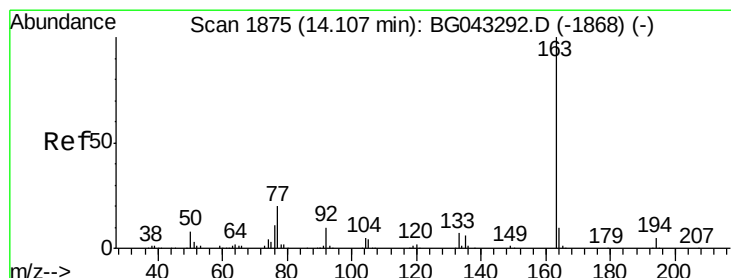
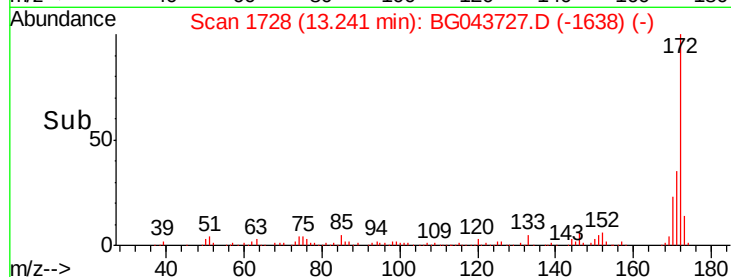
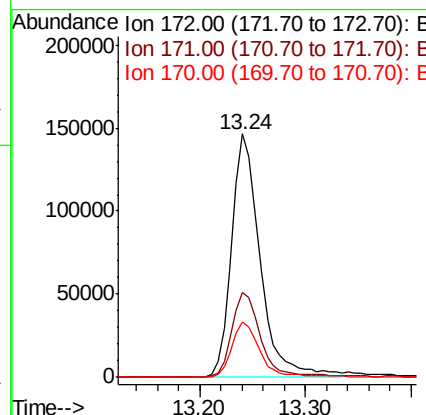
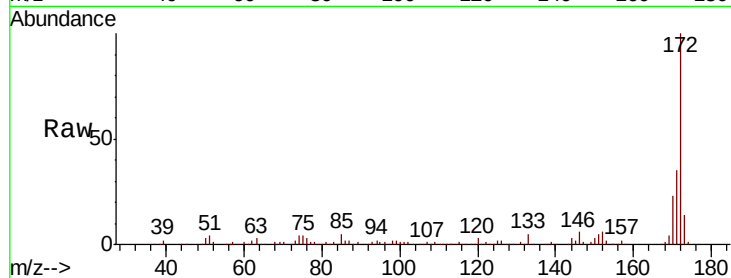




#45
2-Fluorobiphenyl
Concen: 52.813 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

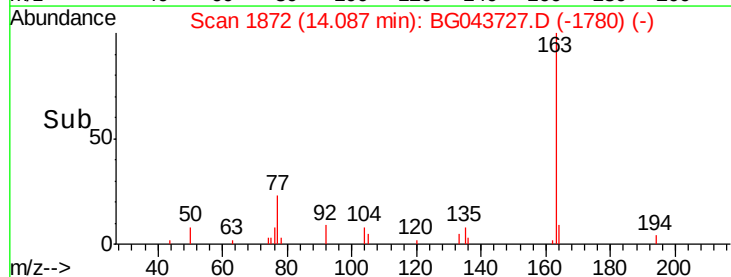
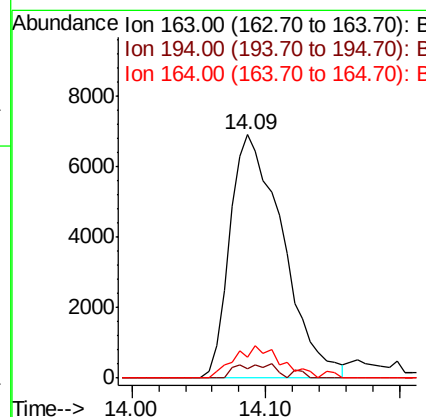
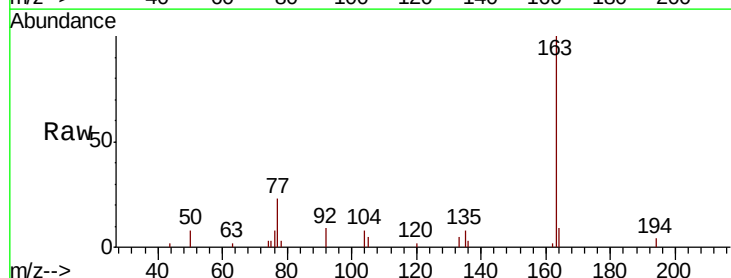
Instrument :
BNA_G
ClientSampleId :
1-(8-10)

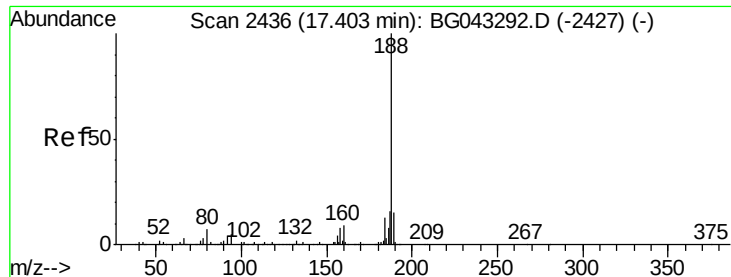
Tot Ion:172 Resp: 274733
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.7 18.8 28.2



#50
Dimethylphthalate
Concen: 3.427 ng
RT: 14.09 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion:163 Resp: 19081
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.8
164 8.7 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043727.D

Acq: 20 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

1-(8-10)

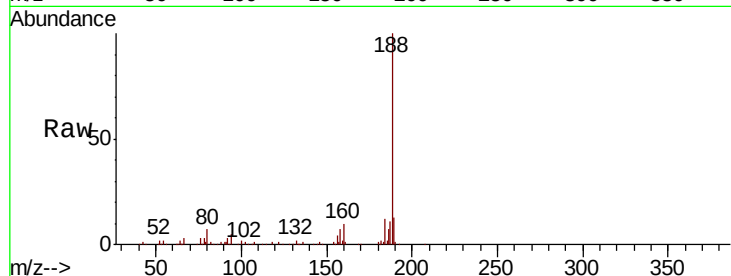
Tot Ion:188 Resp: 184401

Ion Ratio Lower Upper

188 100

94 5.3 4.6 7.0

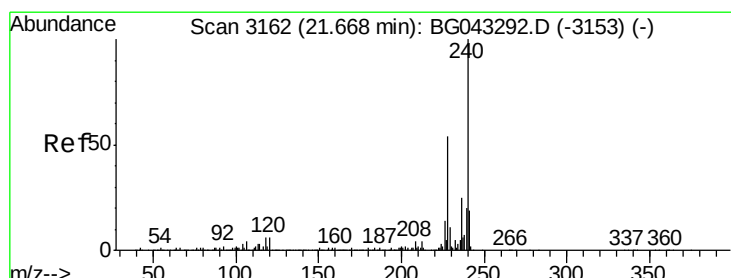
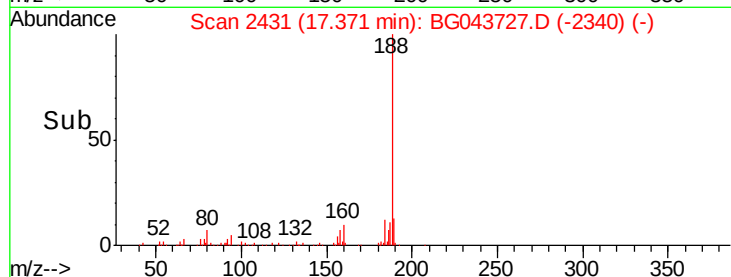
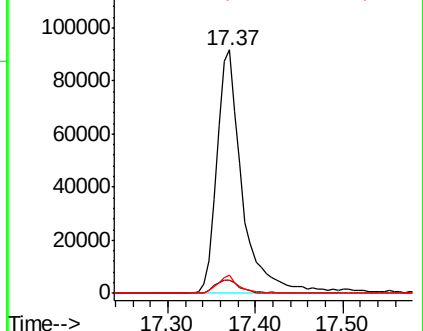
80 7.3 5.2 7.8



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043727.D

Acq: 20 Nov 2019 14:37

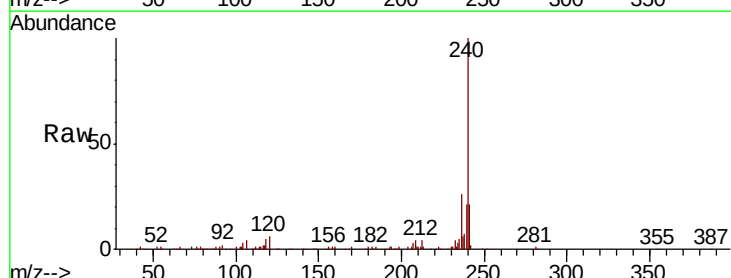
Tgt Ion:240 Resp: 200629

Ion Ratio Lower Upper

240 100

120 6.2 4.9 7.3

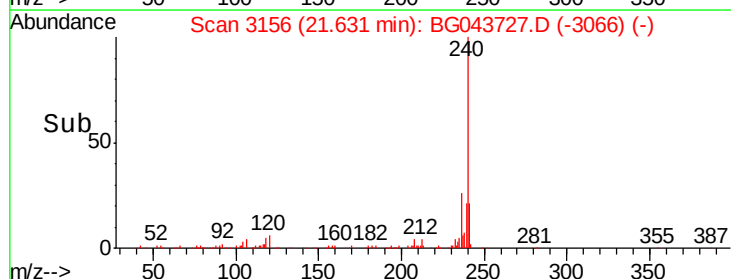
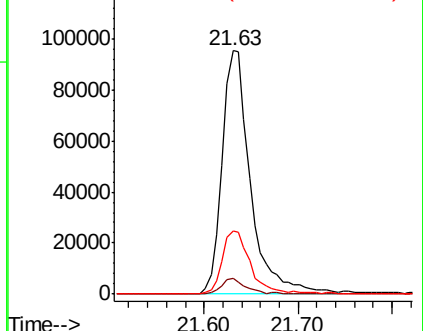
236 25.9 21.4 32.0

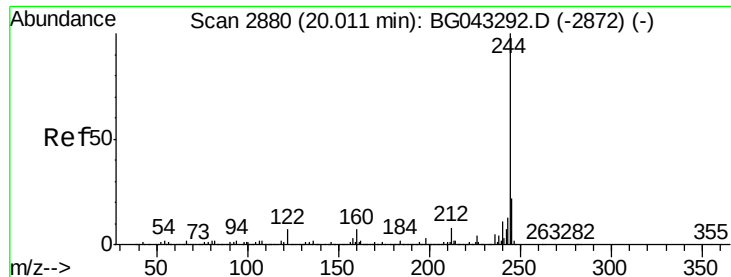


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.648 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG043727.D

Acq: 20 Nov 2019 14:37

Instrument :

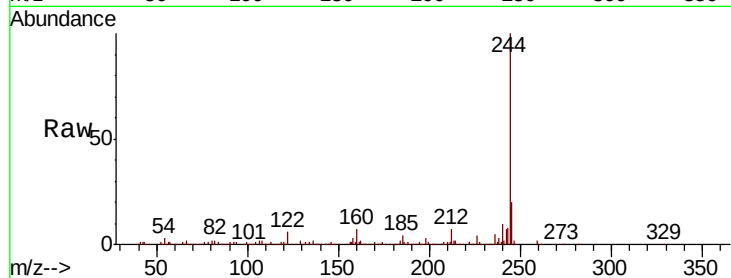
BNA_G

ClientSampleId :

1-(8-10)

Tot Ion:244 Resp: 627194

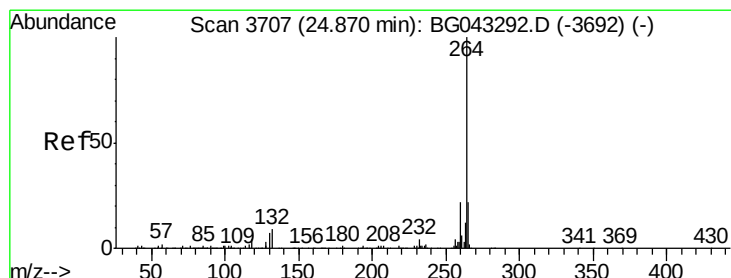
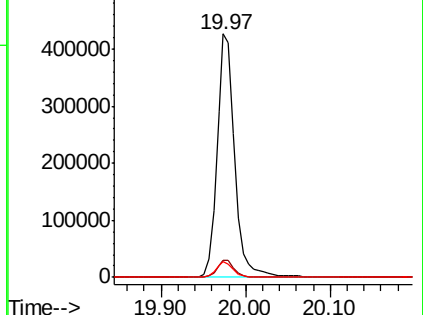
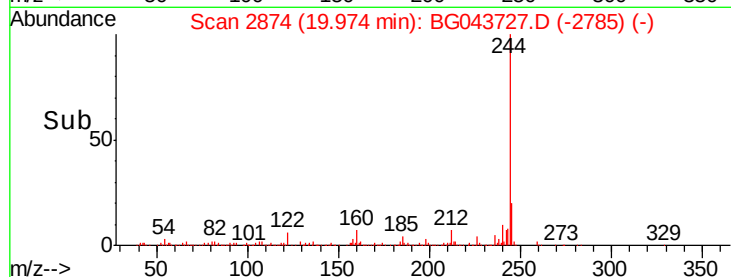
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.3	5.2	7.8



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: 24.80 min Scan# 3696

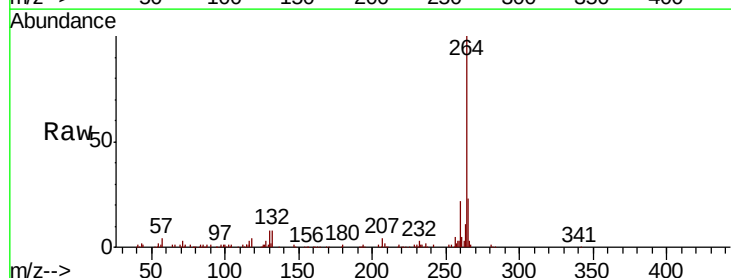
Delta R.T. -0.01 min

Lab File: BG043727.D

Acq: 20 Nov 2019 14:37

Tgt Ion:264 Resp: 228543

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	22.6	15.8	23.8



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

