

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043377.D
 Acq On : 29 Oct 2019 17:02
 Operator : JU
 Sample : K5545-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Quant Time: Oct 30 08:17:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

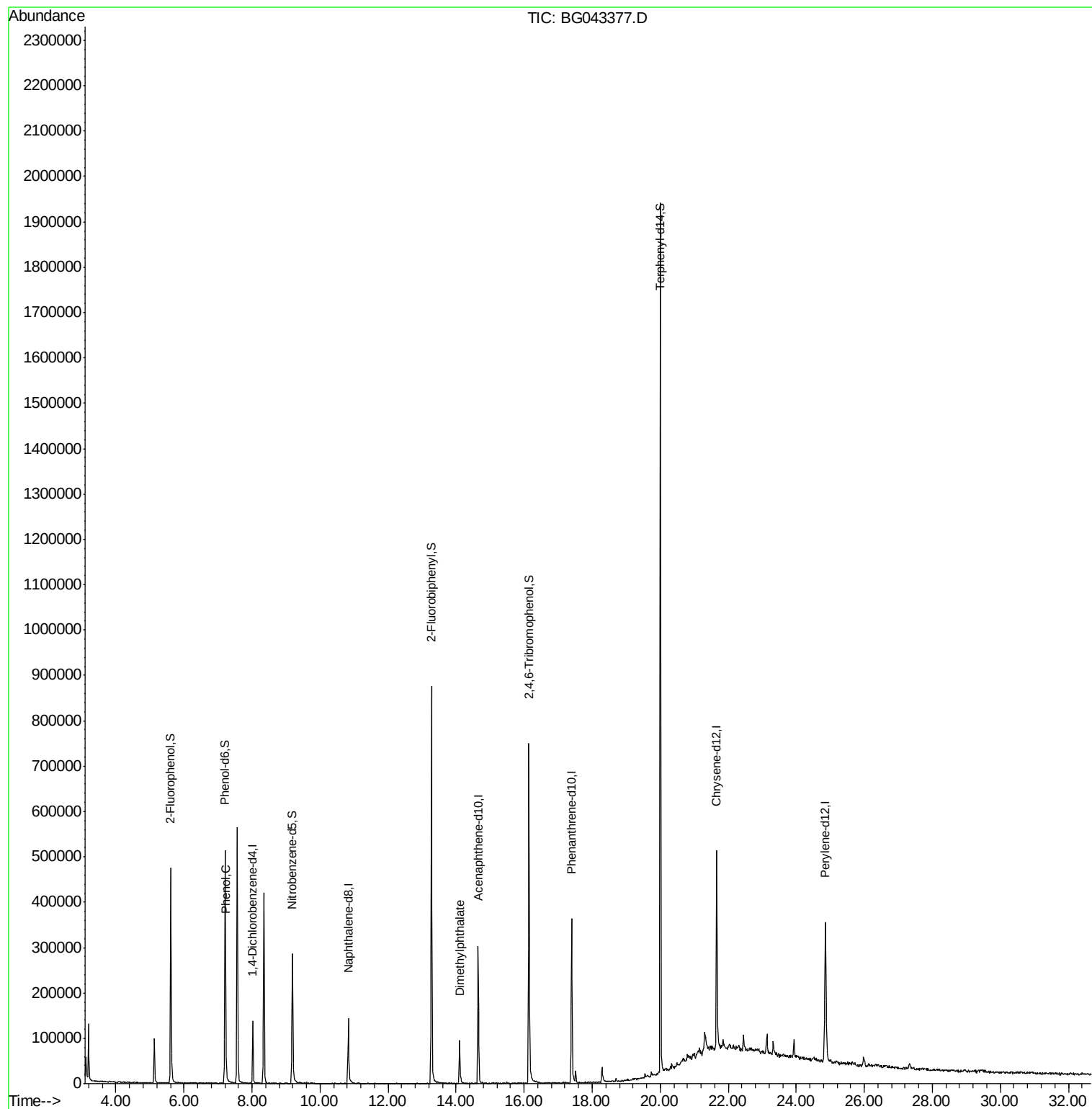
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40926	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	156539	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117279	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	267983	20.00	ng	0.00
76) Chrysene-d12	21.66	240	296416	20.00	ng	0.00
87) Perylene-d12	24.86	264	356237	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	226923	101.60	ng	0.00
7) Phenol-d6	7.21	99	332785	103.56	ng	0.00
23) Nitrobenzene-d5	9.19	82	199885	65.83	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	199225	89.27	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	522698	61.59	ng	0.00
79) Terphenyl-d14	20.00	244	1006098	63.68	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8392	2.858	ng	Qvalue # 41
50) Dimethylphthalate	14.10	163	83908	9.237	ng	98

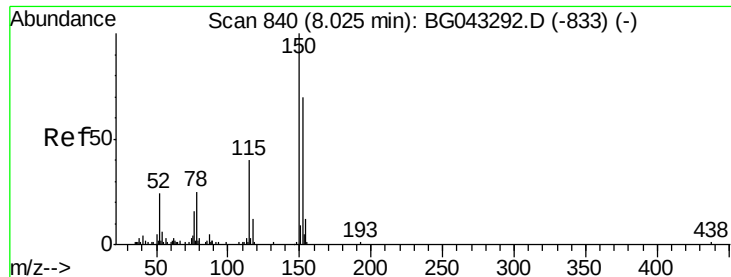
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

Instrument :

BNA_G

ClientSampleId :

C-1

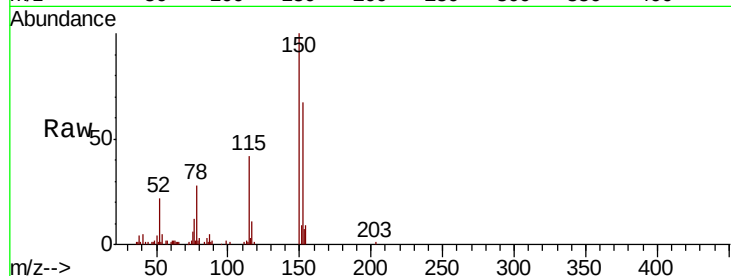
Tot Ion:152 Resp: 40926

Ion Ratio Lower Upper

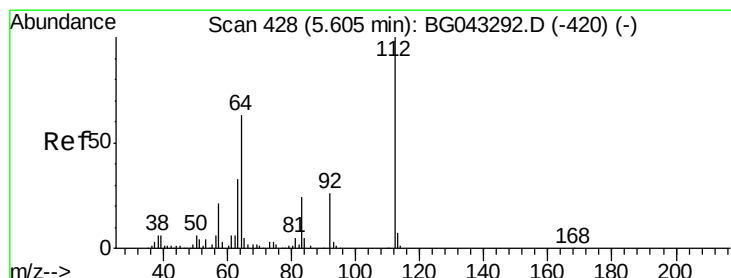
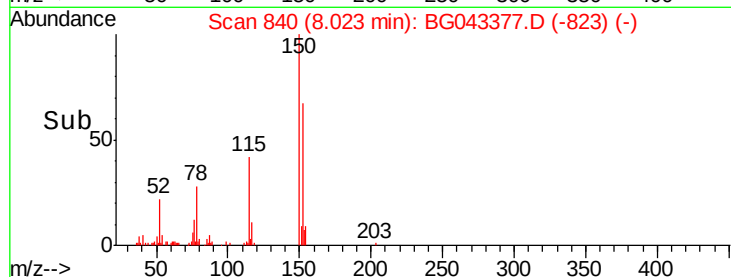
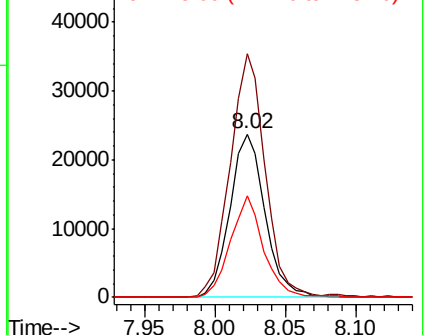
152 100

150 148.9 113.6 170.4

115 62.4 45.9 68.9



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: 101.604 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

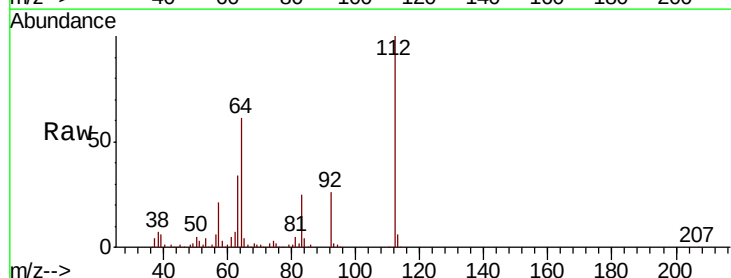
Tgt Ion:112 Resp: 226923

Ion Ratio Lower Upper

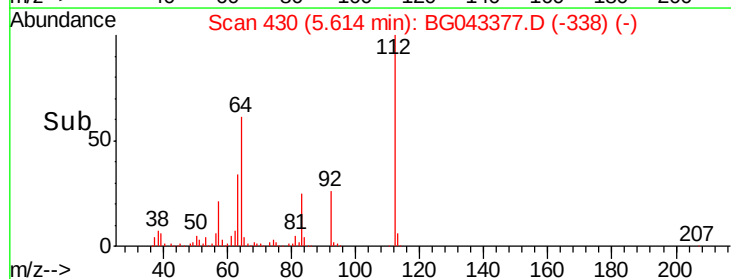
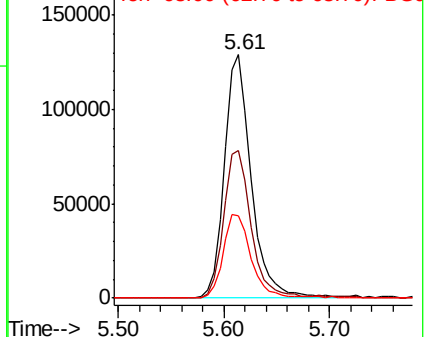
112 100

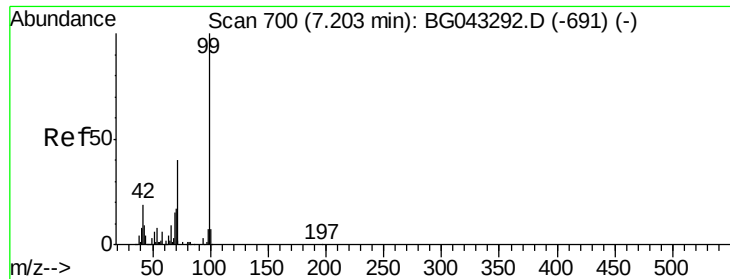
64 60.5 50.2 75.2

63 33.7 26.7 40.1



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: 103.563 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

Instrument :

BNA_G

ClientSampleId :

C-1

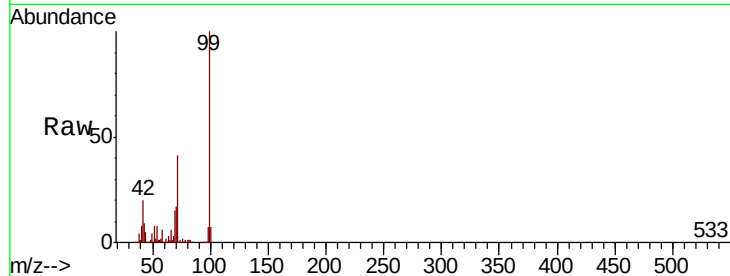
Tot Ion: 99 Resp: 332785

Ion Ratio Lower Upper

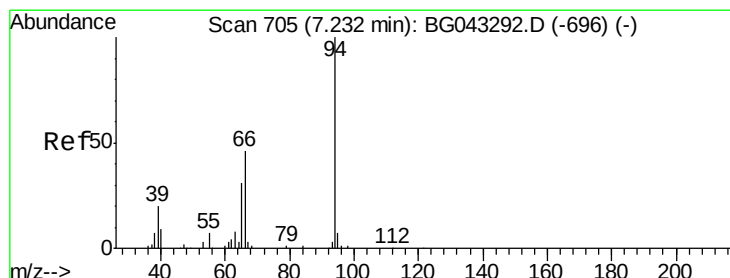
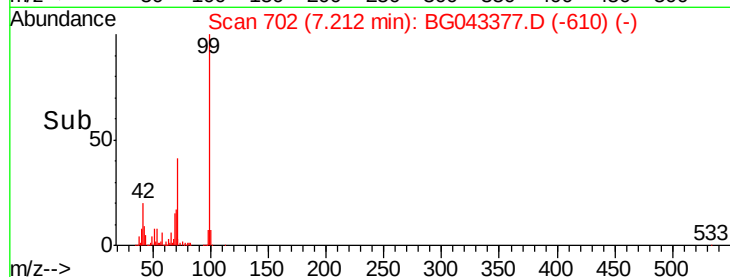
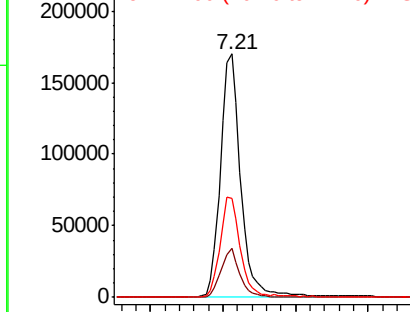
99 100

42 20.0 14.9 22.3

71 40.8 32.2 48.2



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: 2.858 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

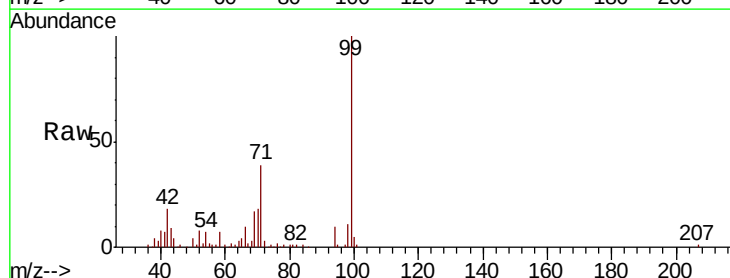
Tgt Ion: 94 Resp: 8392

Ion Ratio Lower Upper

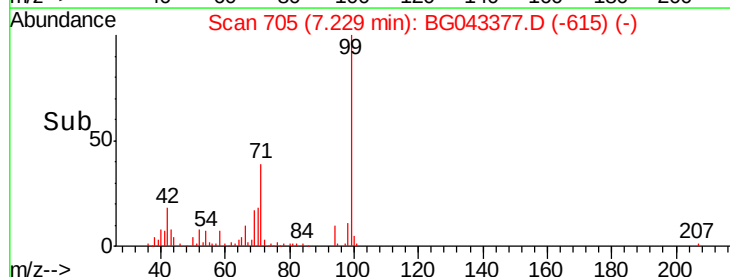
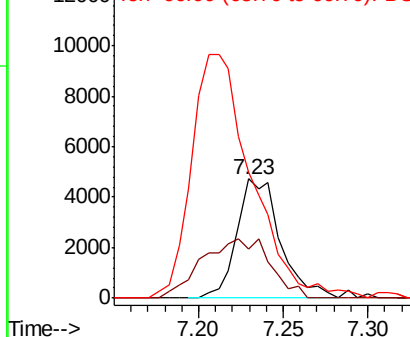
94 100

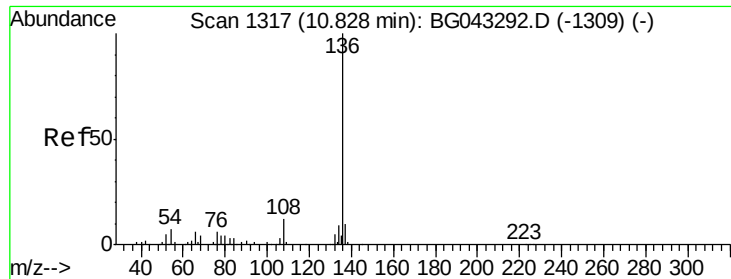
65 41.6 11.1 51.1

66 105.2 27.8 67.8#



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

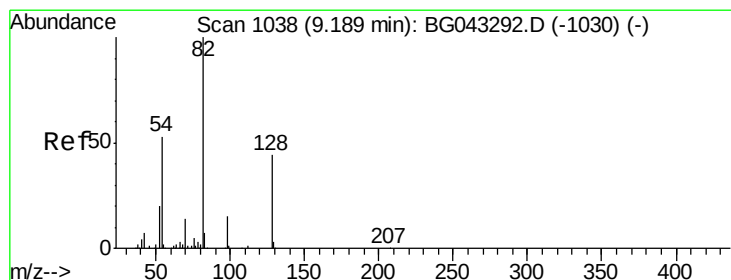
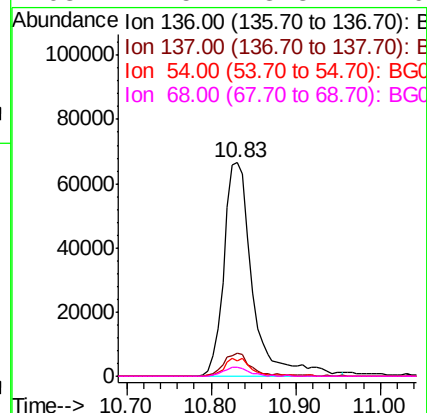
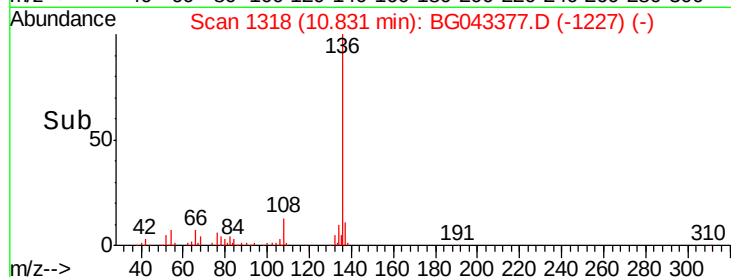
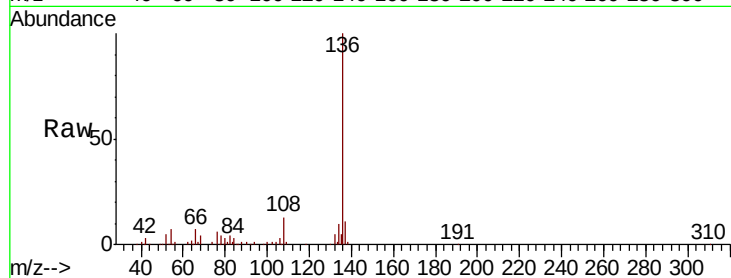




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043377.D
Acq: 29 Oct 2019 17:02

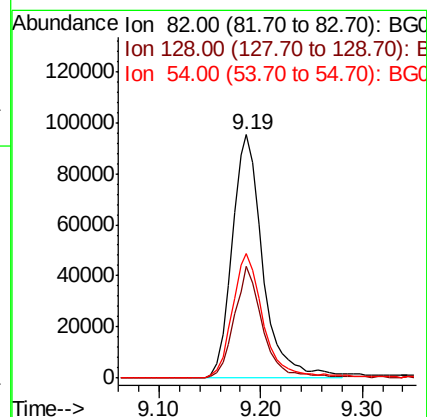
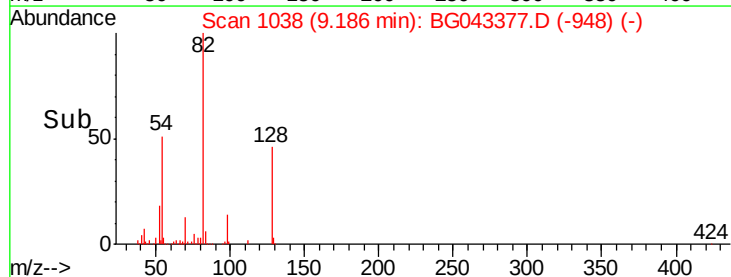
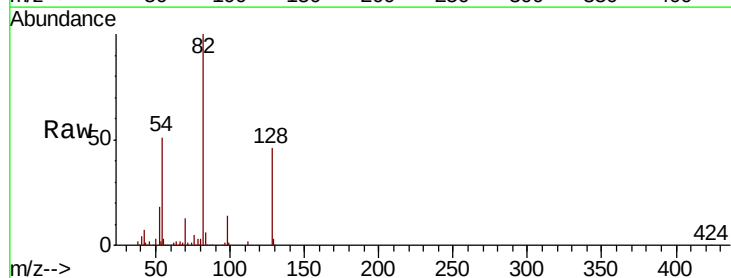
Instrument :
BNA_G
ClientSampled :
C-1

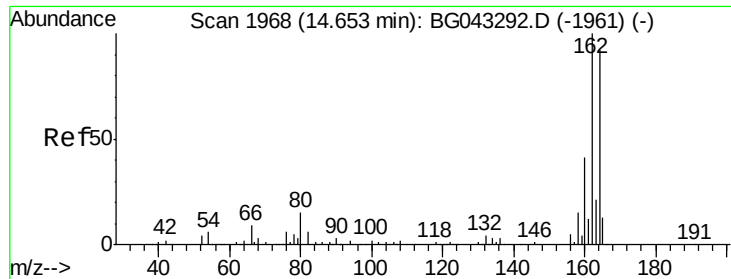
Tot Ion:136	Resp:	156539
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.2	12.2
54 7.1	5.4	8.2
68 4.5	3.3	4.9



#23
Nitrobenzene-d5
Concen: 65.830 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043377.D
Acq: 29 Oct 2019 17:02

Tgt Ion: 82	Resp: 199885
Ion Ratio	Lower Upper
82 100	
128 45.8	35.3 52.9
54 51.3	42.3 63.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

Instrument :

BNA_G

ClientSampled :

C-1

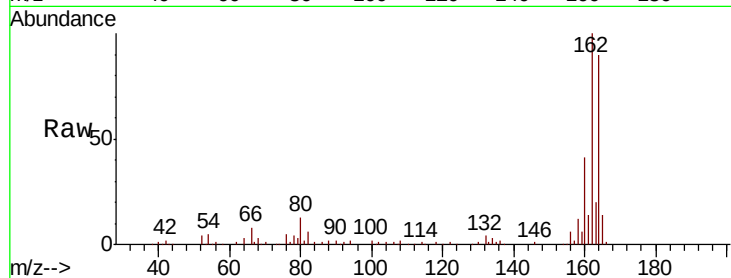
Tot Ion:164 Resp: 117279

Ion Ratio Lower Upper

164 100

162 111.3 87.0 130.4

160 45.2 35.5 53.3

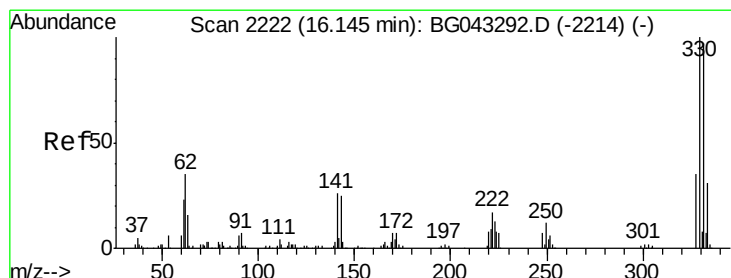
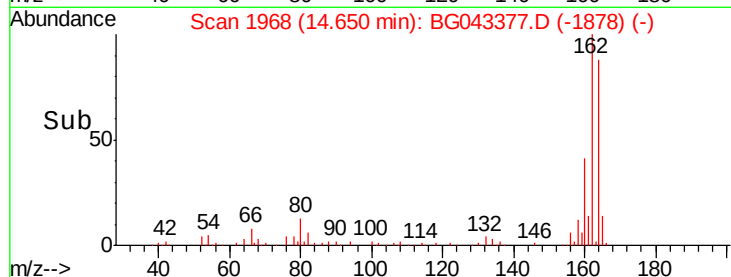
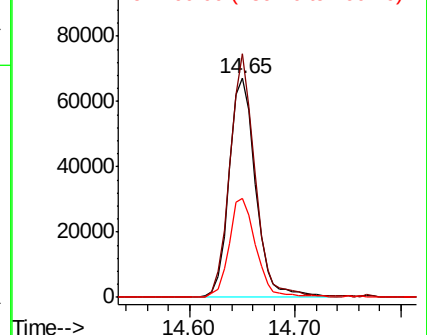


Abundance

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: 89.266 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

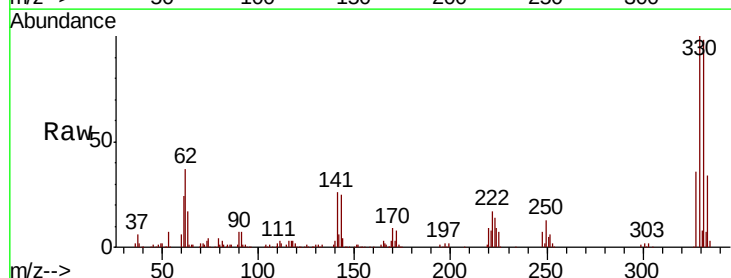
Tgt Ion:330 Resp: 199225

Ion Ratio Lower Upper

330 100

332 95.4 76.4 114.6

141 27.2 21.4 32.0

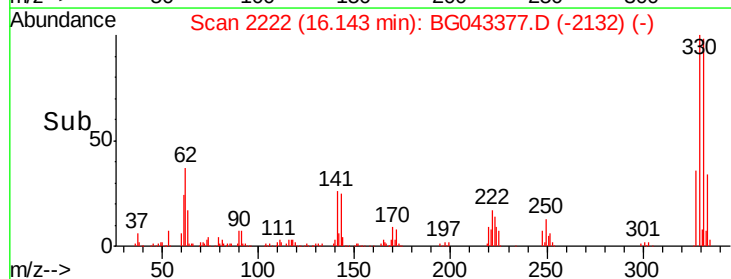
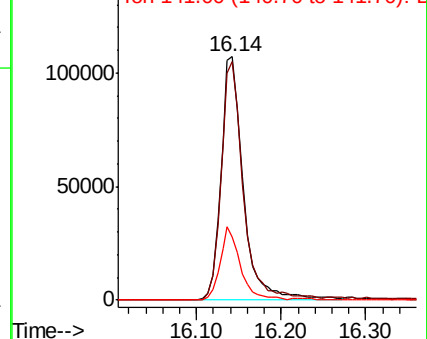


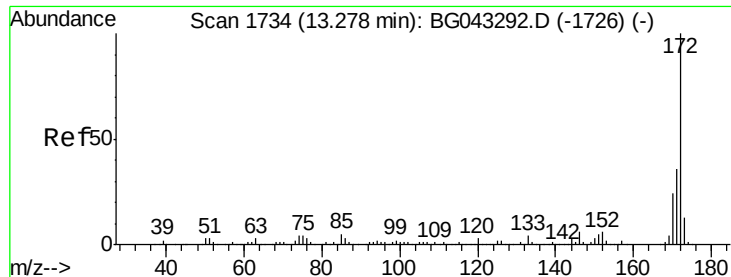
Abundance

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

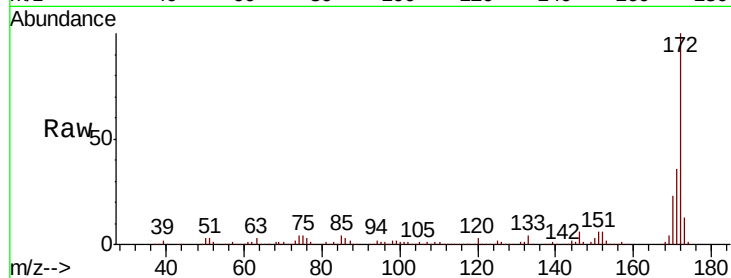




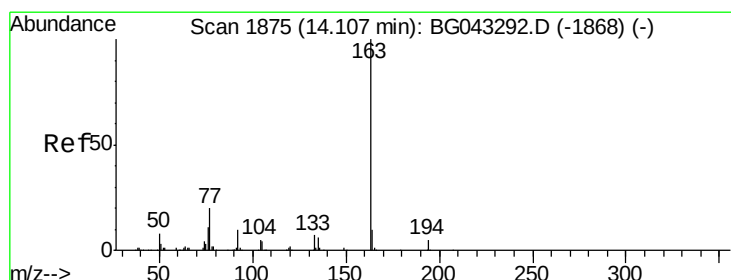
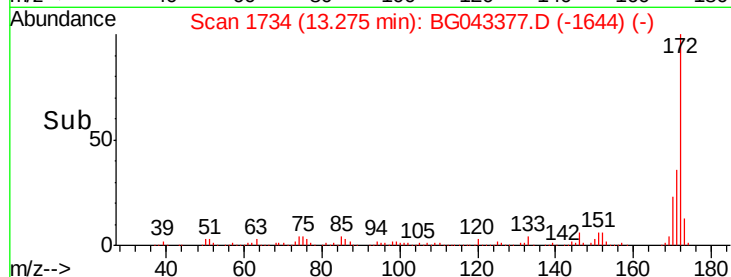
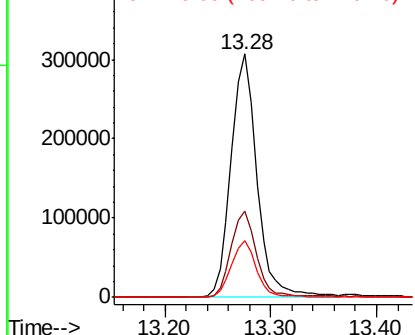
#45
2-Fluorobiphenyl
Concen: 61.585 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043377.D
Acq: 29 Oct 2019 17:02

Instrument :
BNA_G
ClientSampleId :
C-1

Tot Ion:172 Resp: 522698
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.2 18.8 28.2

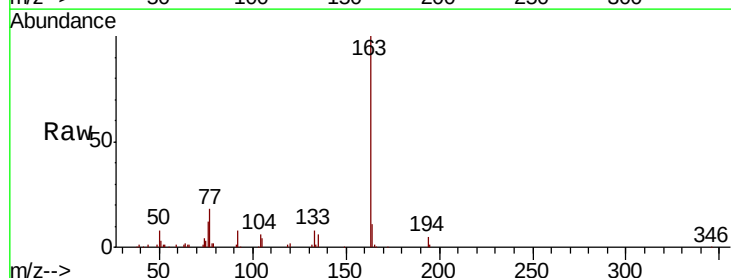


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

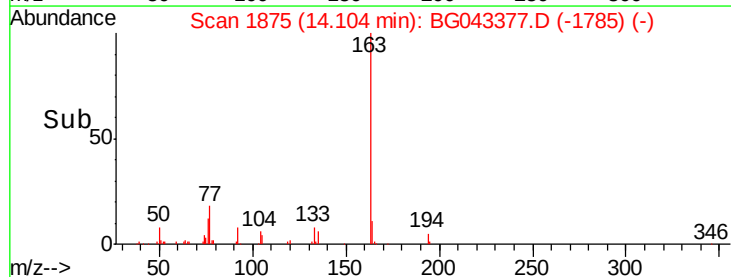
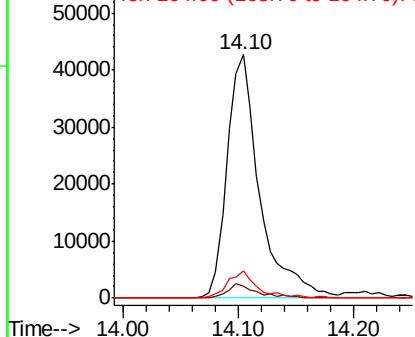


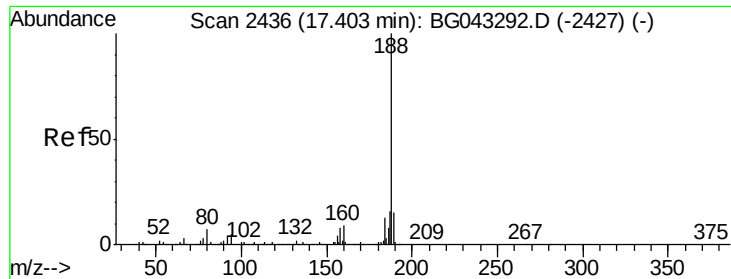
#50
Dimethylphthalate
Concen: 9.237 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043377.D
Acq: 29 Oct 2019 17:02

Tgt Ion:163 Resp: 83908
Ion Ratio Lower Upper
163 100
194 5.0 3.7 5.5
164 11.0 8.1 12.1



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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

Instrument :

BNA_G

ClientSampleId :

C-1

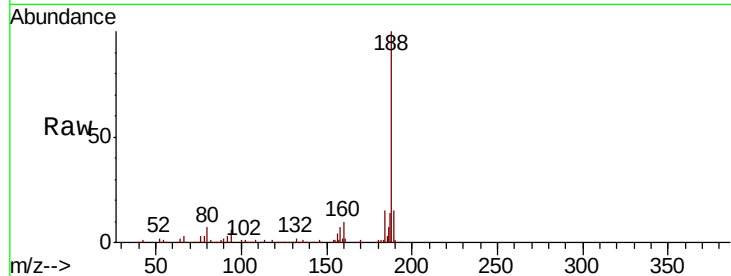
Tot Ion:188 Resp: 267983

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.2
80	6.8	5.2	7.8

188 100

94 5.7 4.2 6.2

80 6.8 5.2 7.8



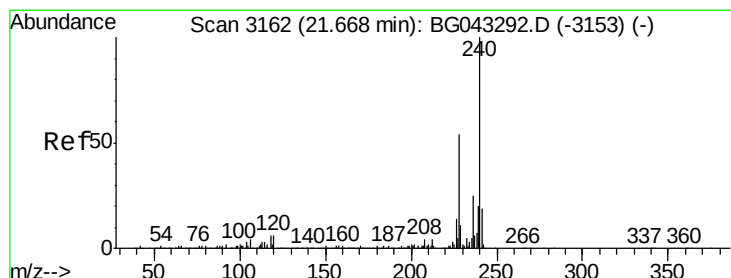
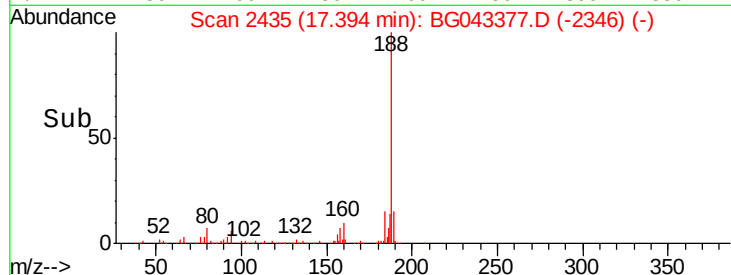
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.39

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

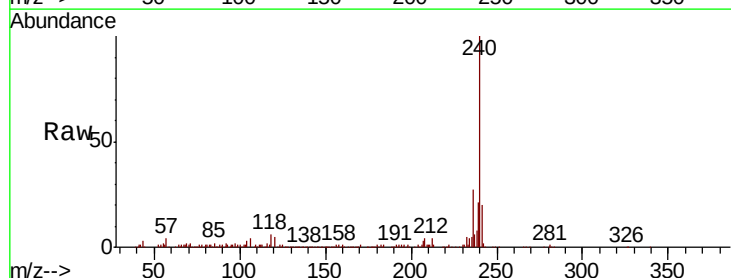
Tgt Ion:240 Resp: 296416

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.6	7.0
236	27.0	20.2	30.4

240 100

120 5.4 4.6 7.0

236 27.0 20.2 30.4



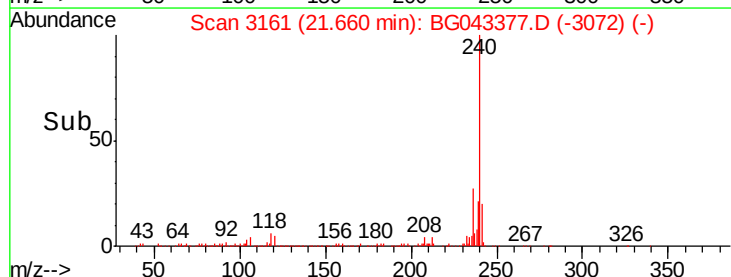
Abundance Ion 240.00 (239.70 to 240.70): E

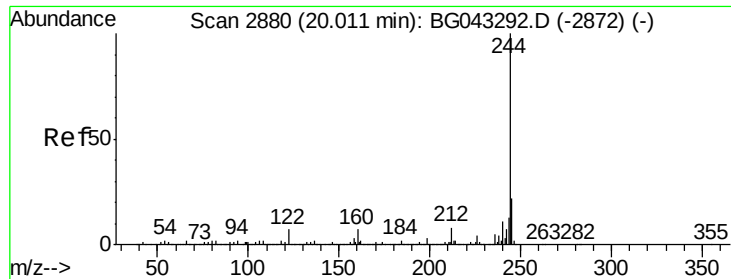
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.66

Time-->





#79

Terphenyl-d14

Concen: 63.677 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

Instrument :

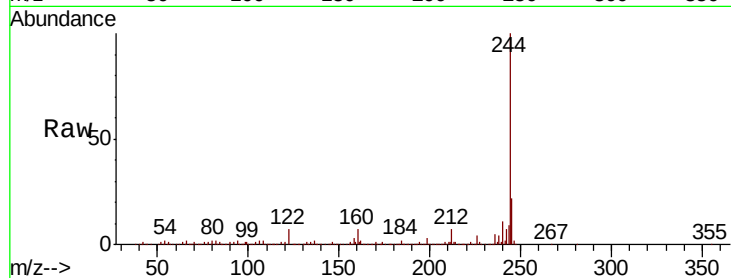
BNA_G

ClientSampled :

C-1

Tot Ion:244 Resp: 1006098

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	6.6	5.3	7.9

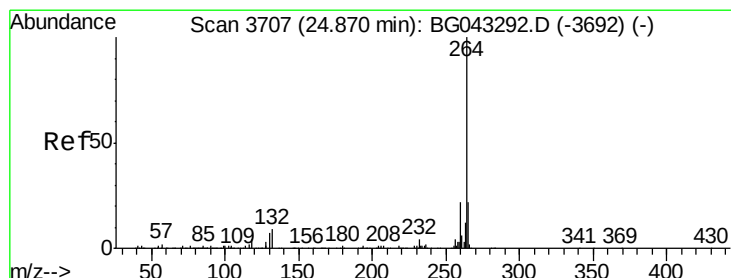
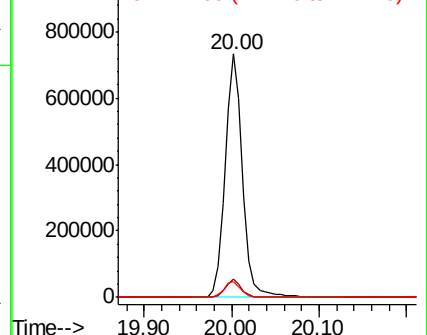
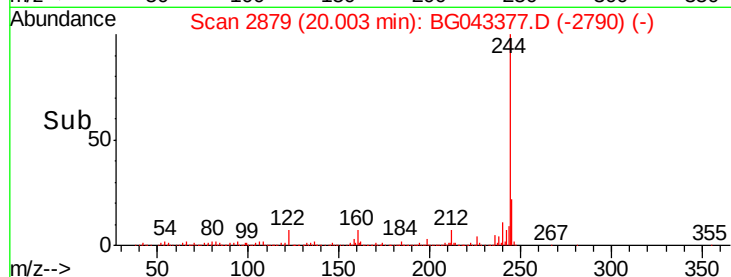


Abundance

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: 24.86 min Scan# 3705

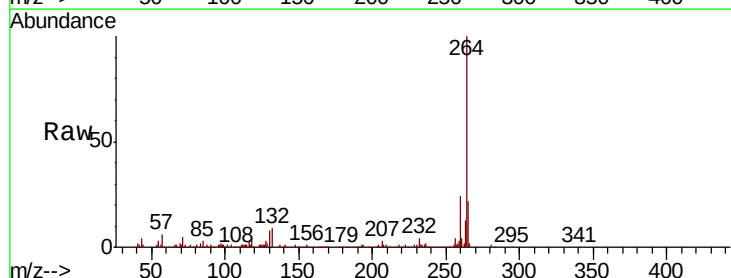
Delta R.T. -0.01 min

Lab File: BG043377.D

Acq: 29 Oct 2019 17:02

Tgt Ion:264 Resp: 356237

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	22.3	17.4	26.2



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

