

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043731.D
 Acq On : 20 Nov 2019 17:12
 Operator : JU
 Sample : K5904-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11-(0-2)

Quant Time: Nov 21 00:59:03 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

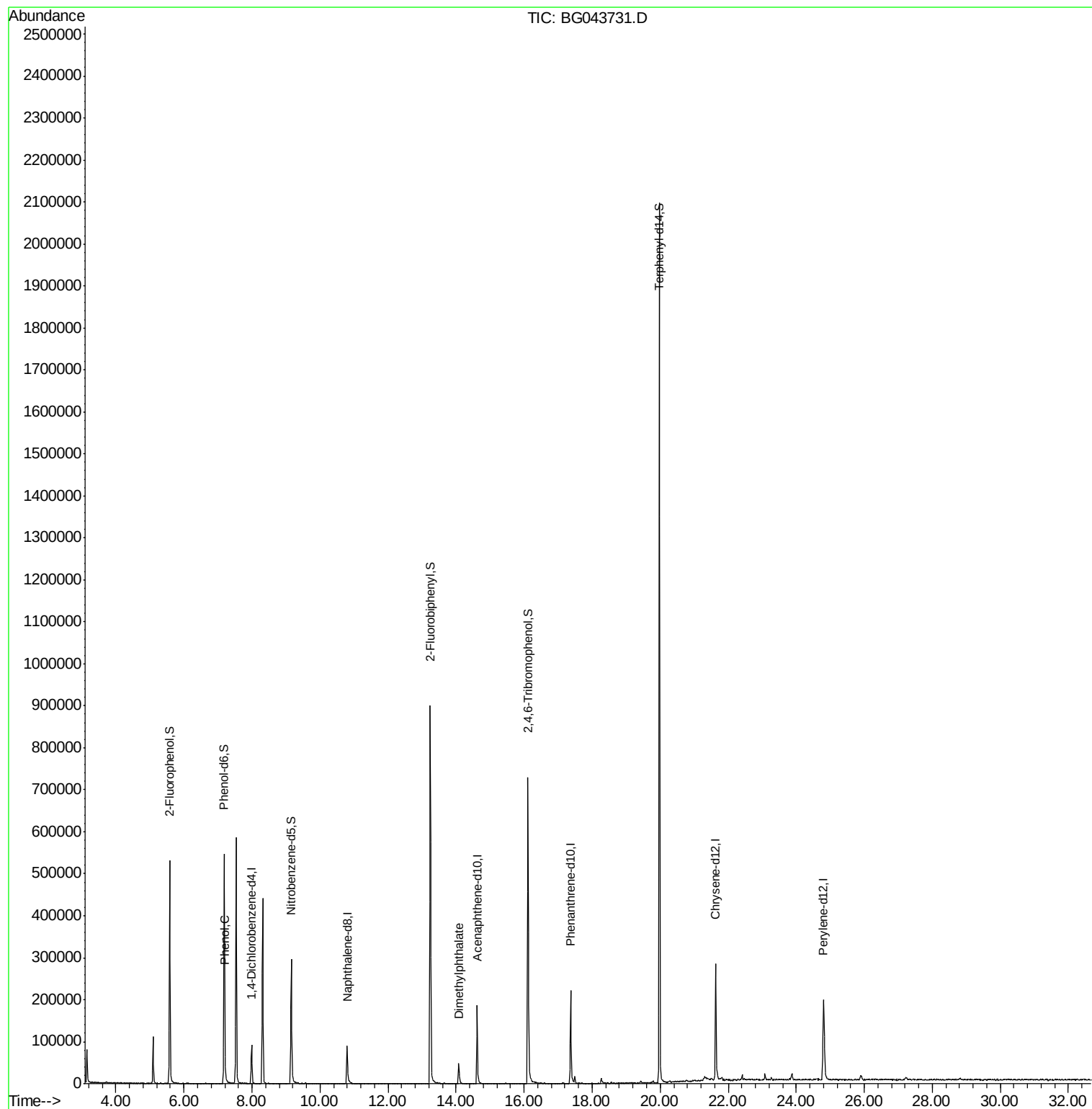
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26862	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	100377	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	74076	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	186383	20.00	ng	0.00
76) Chrysene-d12	21.63	240	198912	20.00	ng	0.00
87) Perylene-d12	24.81	264	231529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	241570	164.79	ng	0.00
7) Phenol-d6	7.18	99	336906	159.74	ng	0.00
23) Nitrobenzene-d5	9.15	82	201484	103.48	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	190252	134.96	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	555216	103.57	ng	0.00
79) Terphenyl-d14	19.98	244	1137229	107.26	ng	0.00
Target Compounds						
10) Phenol	7.21	94	13366	6.935	ng	Qvalue # 69
50) Dimethylphthalate	14.08	163	49859	8.690	ng	# 93

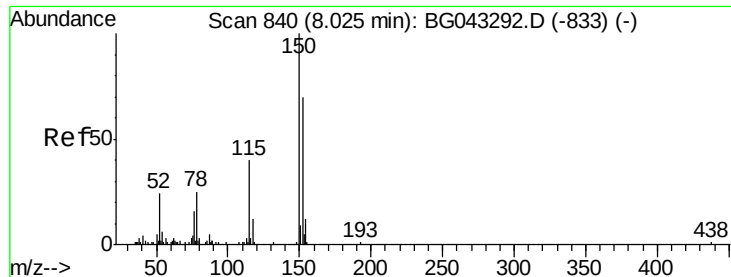
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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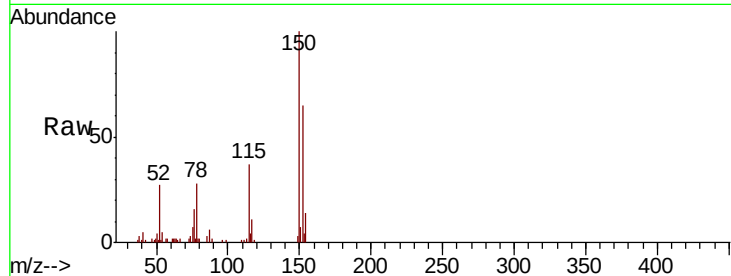


#1

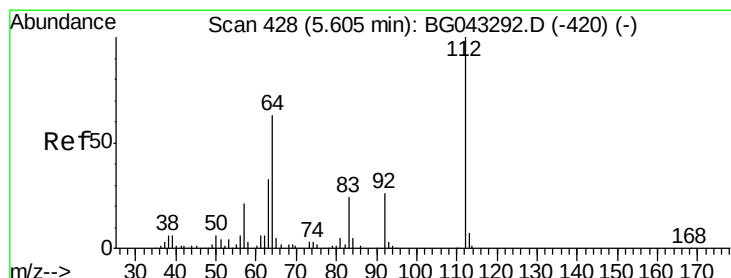
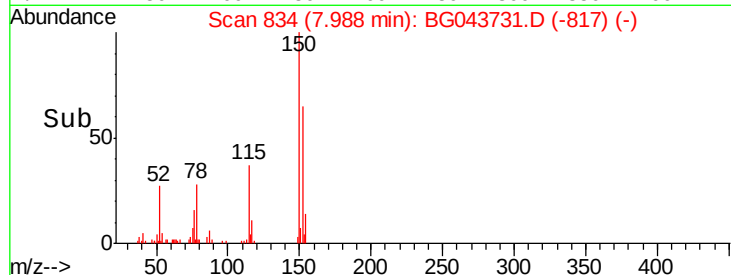
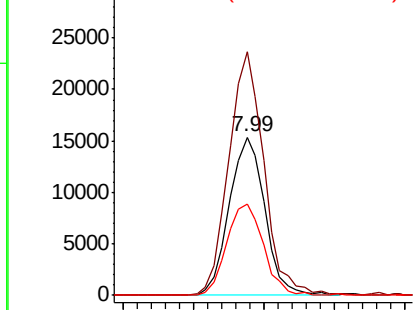
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :
11-(0-2)

Tot Ion:152 Resp: 26862
Ion Ratio Lower Upper
152 100
150 154.2 116.6 175.0
115 57.5 40.5 60.7



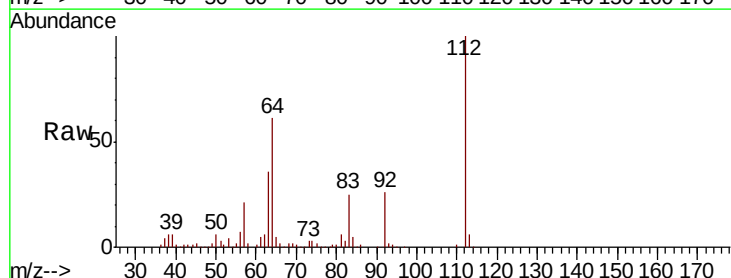
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



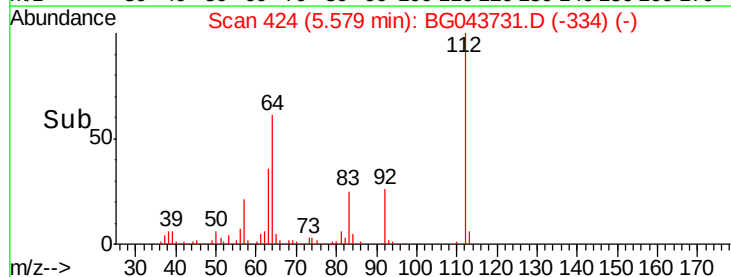
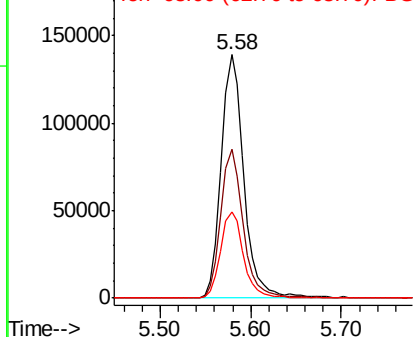
#5

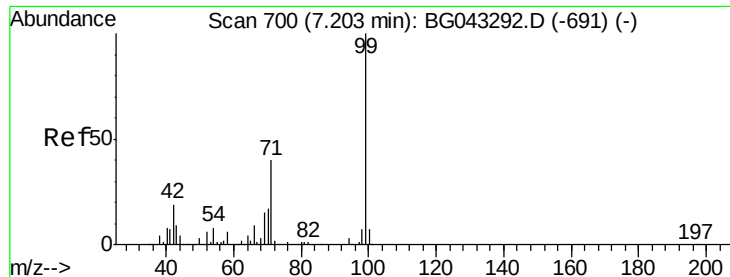
2-Fluorophenol
Concen: 164.792 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion:112 Resp: 241570
Ion Ratio Lower Upper
112 100
64 61.1 50.6 75.8
63 35.5 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: 159.739 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043731.D

Acq: 20 Nov 2019 17:12

Instrument :

BNA_G

ClientSampleId :

11-(0-2)

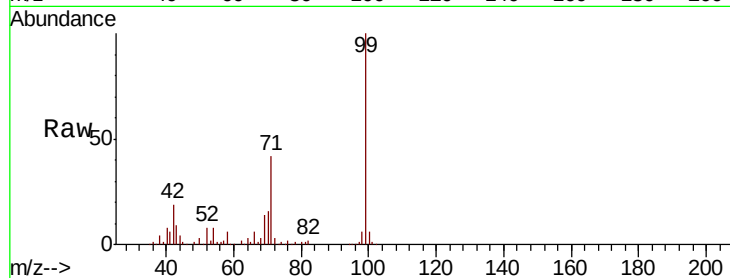
Tot Ion: 99 Resp: 336906

Ion Ratio Lower Upper

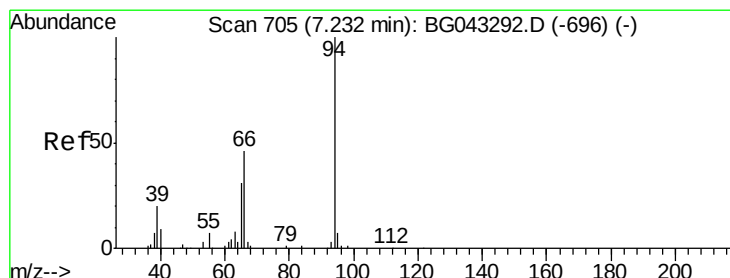
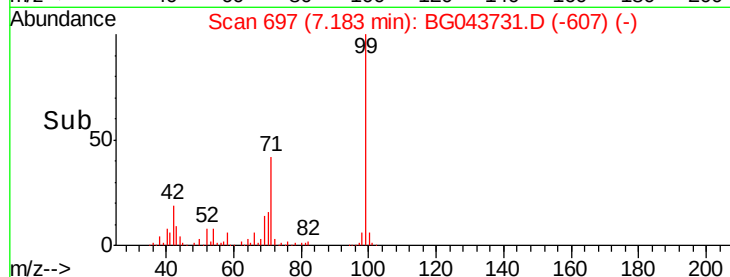
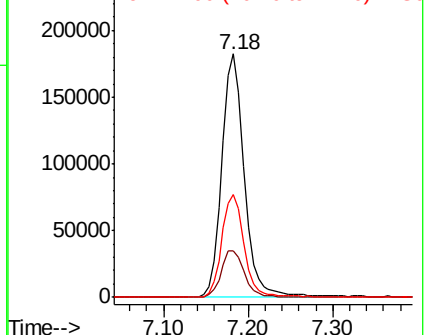
99 100

42 19.1 15.8 23.8

71 42.0 34.4 51.6



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: 6.935 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043731.D

Acq: 20 Nov 2019 17:12

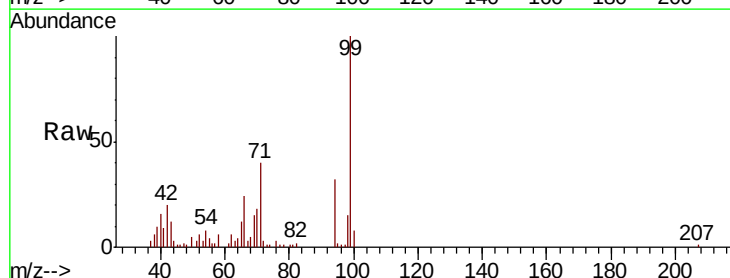
Tgt Ion: 94 Resp: 13366

Ion Ratio Lower Upper

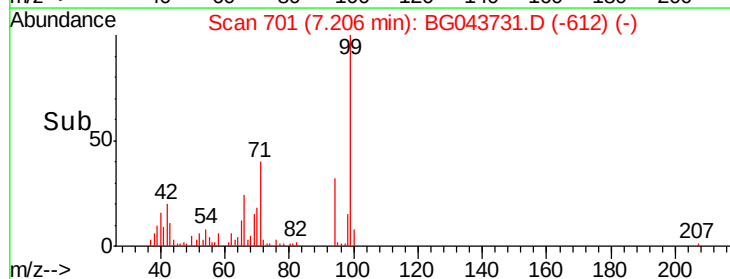
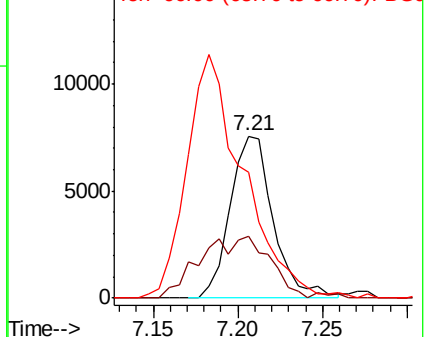
94 100

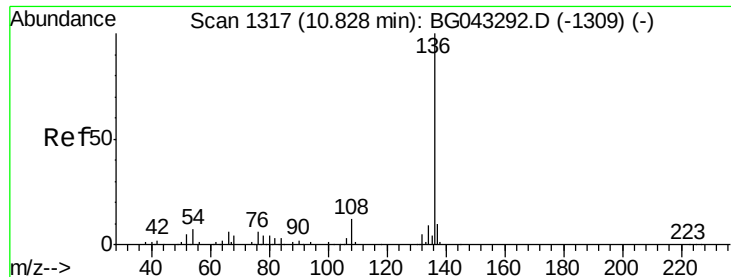
65 38.4 11.4 51.4

66 77.4 28.4 68.4#



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

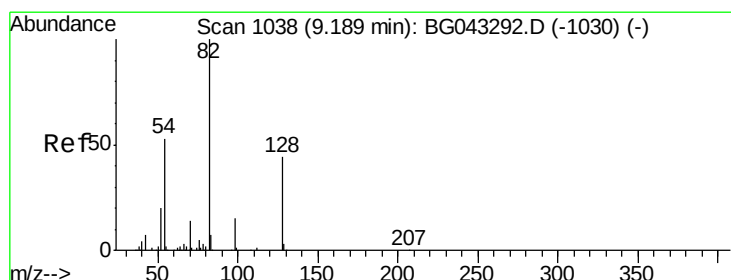
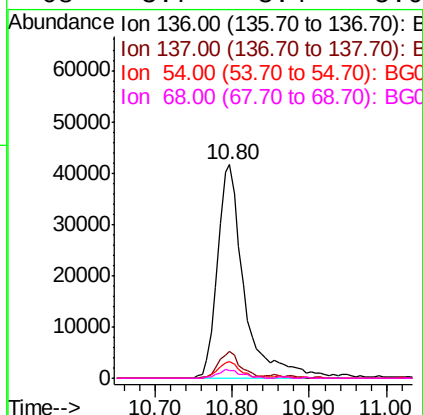
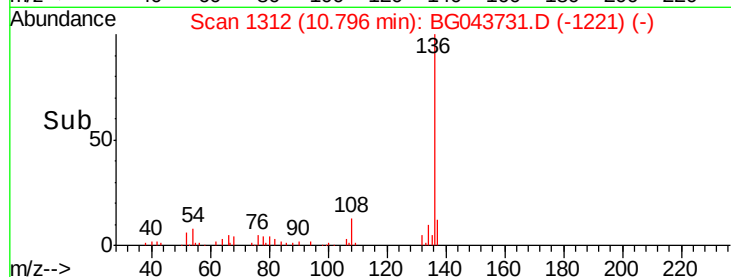
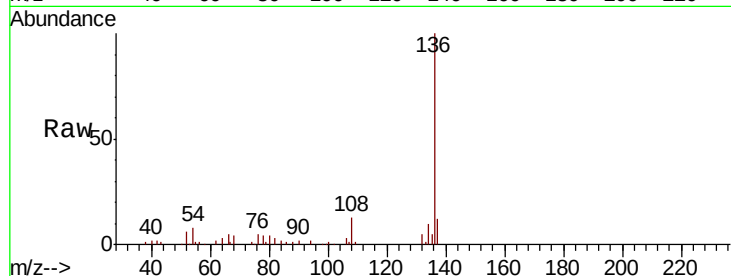




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

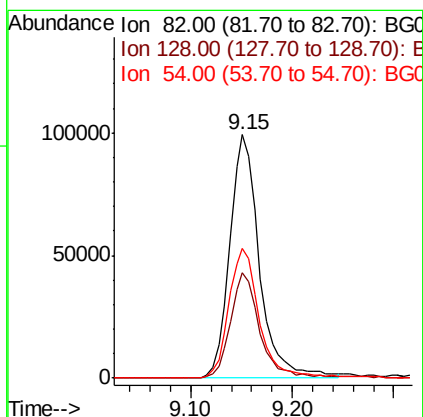
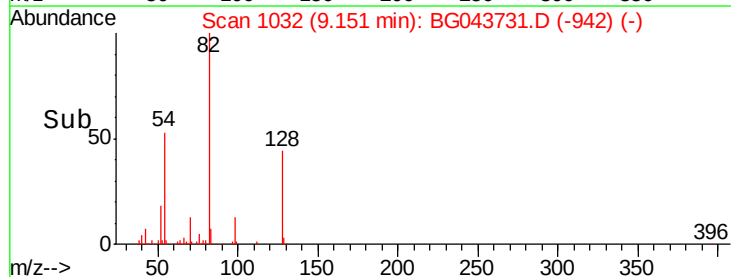
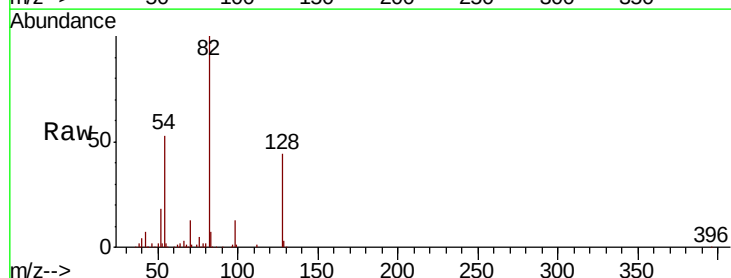
Instrument :
BNA_G
ClientSampleId :
11-(0-2)

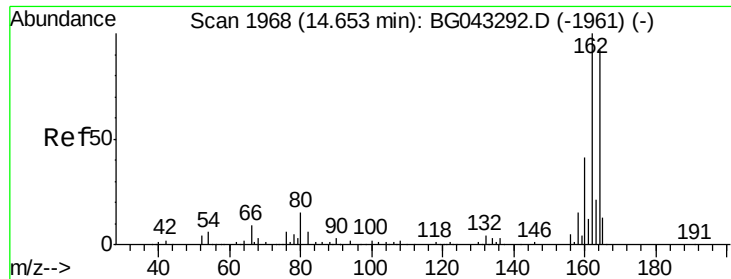
Tot Ion:136	Resp:	100377
Ion Ratio	Lower	Upper
136 100		
137 12.3	8.8	13.2
54 7.8	6.2	9.2
68 3.7	3.4	5.0



#23
Nitrobenzene-d5
Concen: 103.484 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion: 82	Resp: 201484
Ion Ratio	Lower Upper
82 100	
128 43.5	34.2 51.4
54 53.5	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: BG043731.D

Acq: 20 Nov 2019 17:12

Instrument :

BNA_G

ClientSampleId :

11-(0-2)

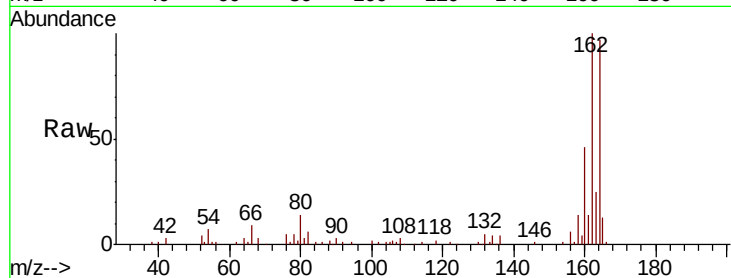
Tot Ion:164 Resp: 74076

Ion Ratio Lower Upper

164 100

162 103.3 79.4 119.2

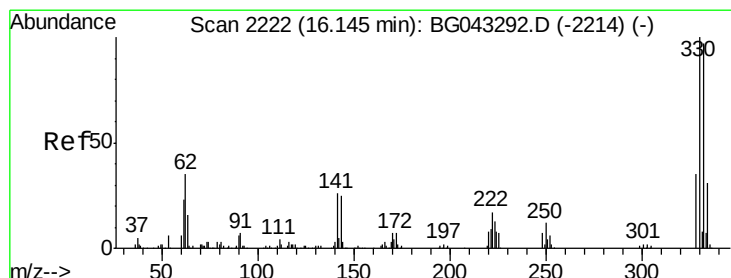
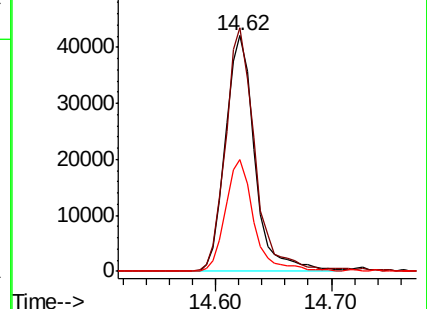
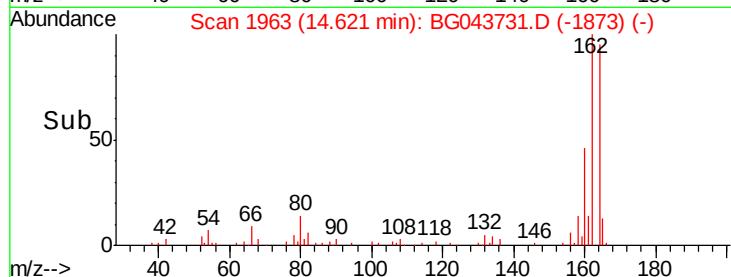
160 47.6 36.3 54.5



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: 134.962 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG043731.D

Acq: 20 Nov 2019 17:12

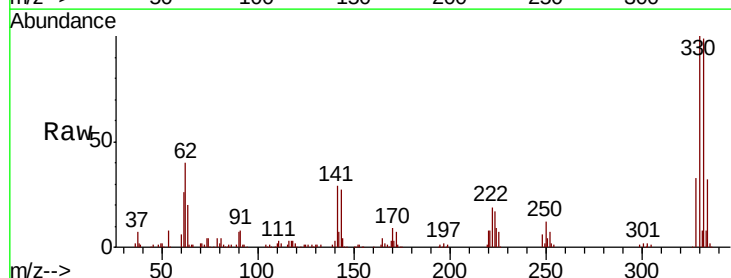
Tgt Ion:330 Resp: 190252

Ion Ratio Lower Upper

330 100

332 95.1 76.6 115.0

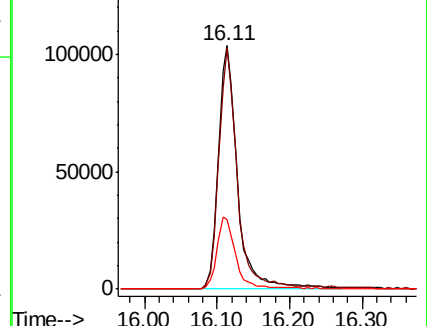
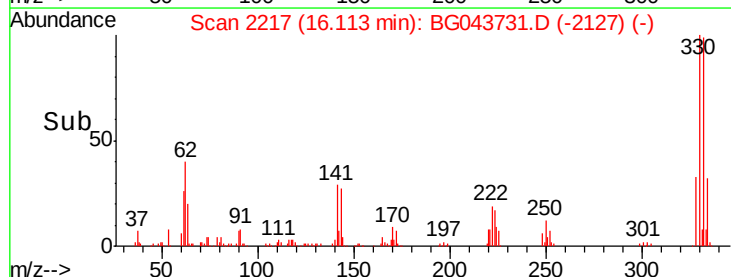
141 29.2 23.4 35.2

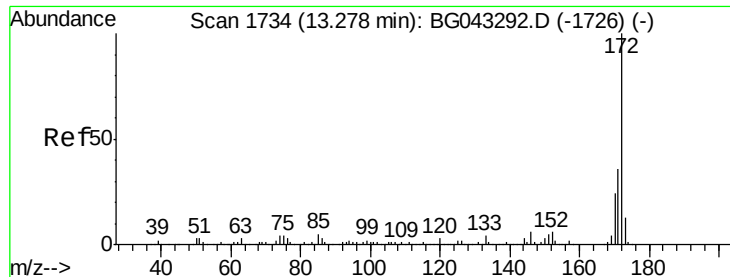


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

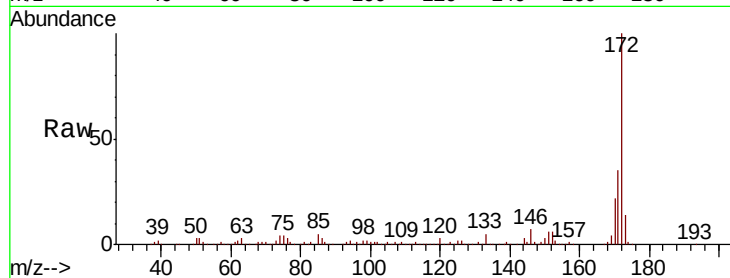




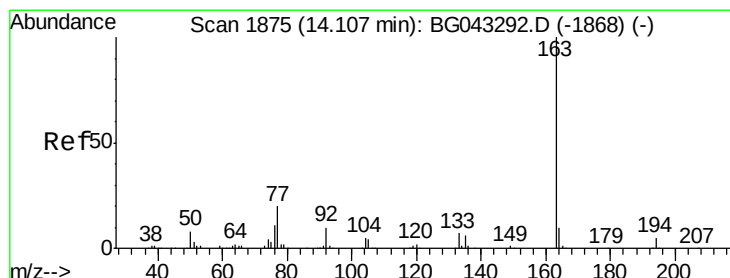
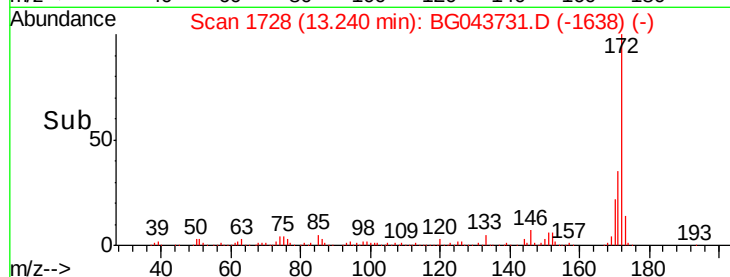
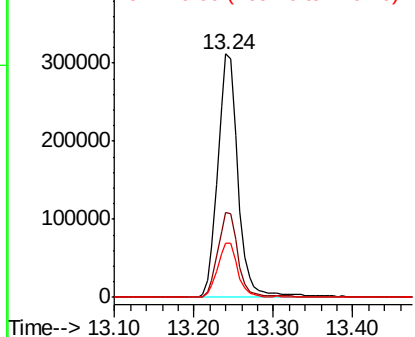
#45
2-Fluorobiphenyl
Concen: 103.569 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :
11-(0-2)

Tot Ion:172 Resp: 555216
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.0 18.8 28.2

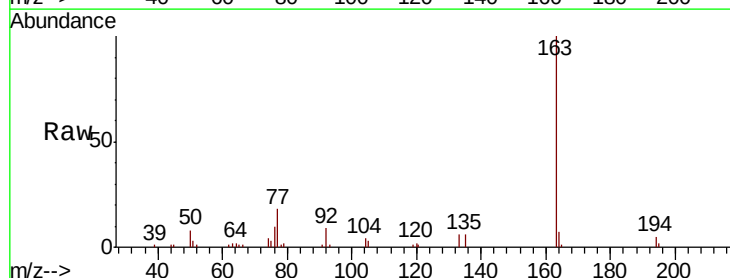


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

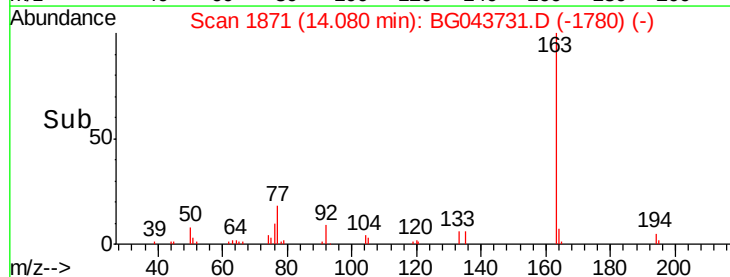
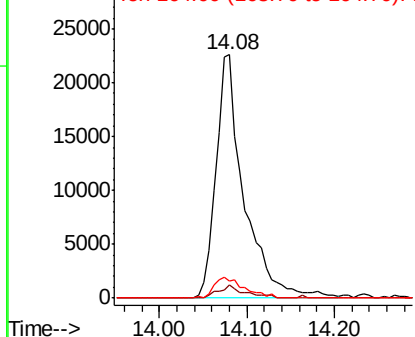


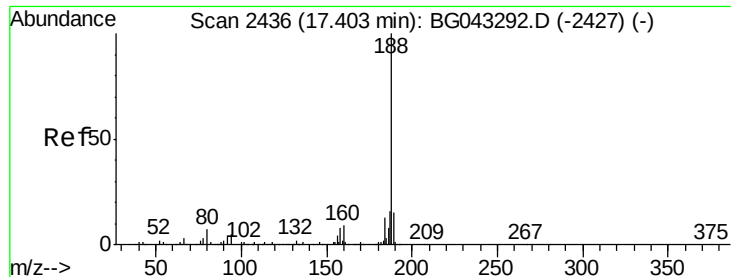
#50
Dimethylphthalate
Concen: 8.690 ng
RT: 14.08 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion:163 Resp: 49859
Ion Ratio Lower Upper
163 100
194 5.2 3.8 5.8
164 6.9 8.5 12.7#



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: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG043731.D

Acq: 20 Nov 2019 17:12

Instrument :

BNA_G

ClientSampleId :

11-(0-2)

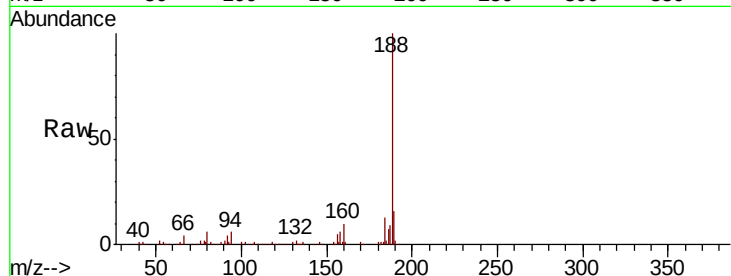
Tot Ion:188 Resp: 186383

Ion Ratio Lower Upper

188 100

94 5.6 4.6 7.0

80 5.9 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

120000

100000

80000

60000

40000

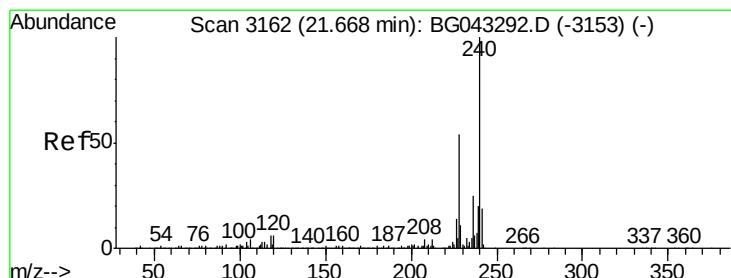
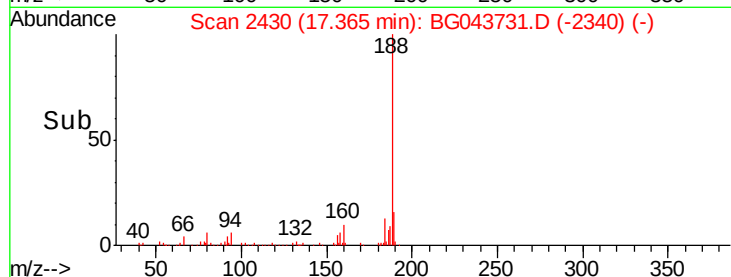
20000

0

17.36

17.30 17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043731.D

Acq: 20 Nov 2019 17:12

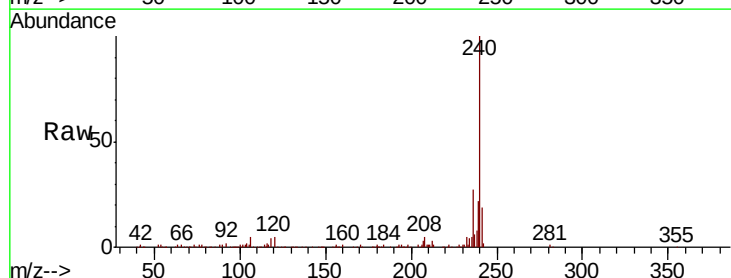
Tgt Ion:240 Resp: 198912

Ion Ratio Lower Upper

240 100

120 5.2 4.9 7.3

236 26.8 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

100000

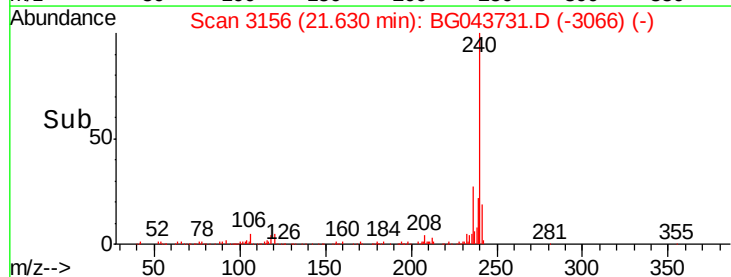
50000

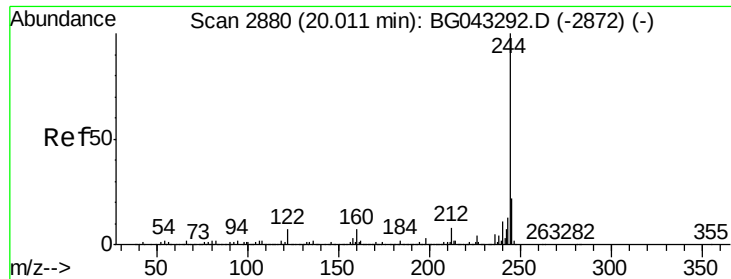
0

21.63

21.60 21.70 21.80

Time-->





#79

Terphenyl-d14

Concen: 107.259 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043731.D

Acq: 20 Nov 2019 17:12

Instrument :

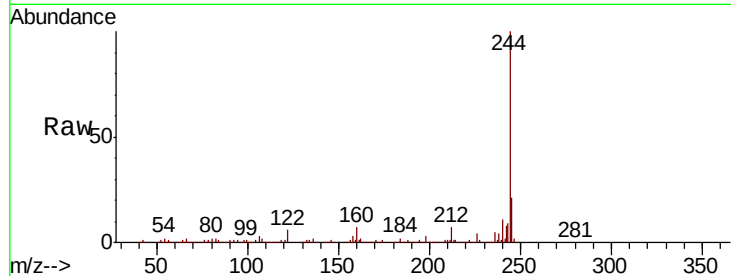
BNA_G

ClientSampleId :

11-(0-2)

Tot Ion:244 Resp: 1137229

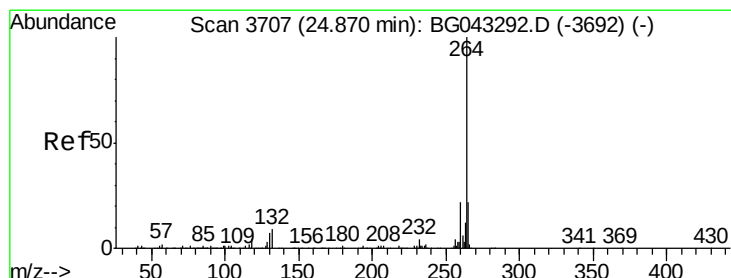
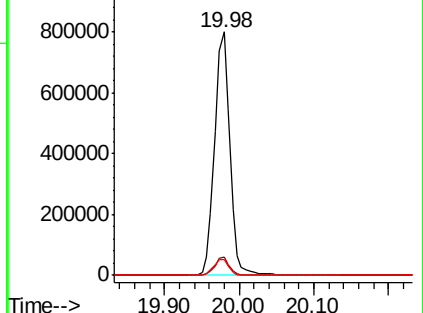
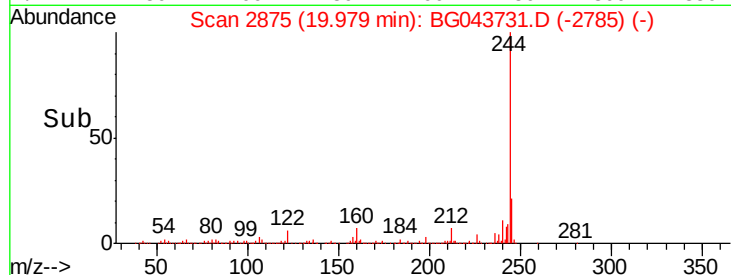
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	6.4	5.2	7.8



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: 24.81 min Scan# 3697

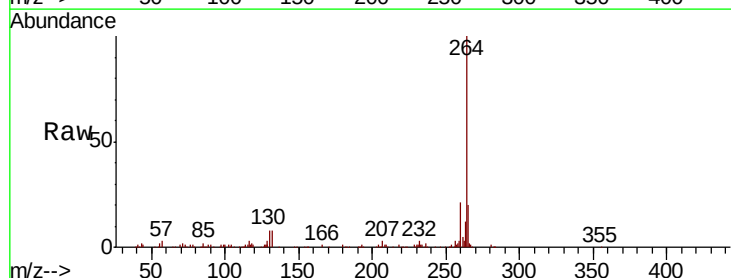
Delta R.T. -0.00 min

Lab File: BG043731.D

Acq: 20 Nov 2019 17:12

Tgt Ion:264 Resp: 231529

Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.4	27.6
265	19.9	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

