

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043561.D
 Acq On : 8 Nov 2019 5:49
 Operator : JU
 Sample : K5675-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519

Quant Time: Nov 08 07:47:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

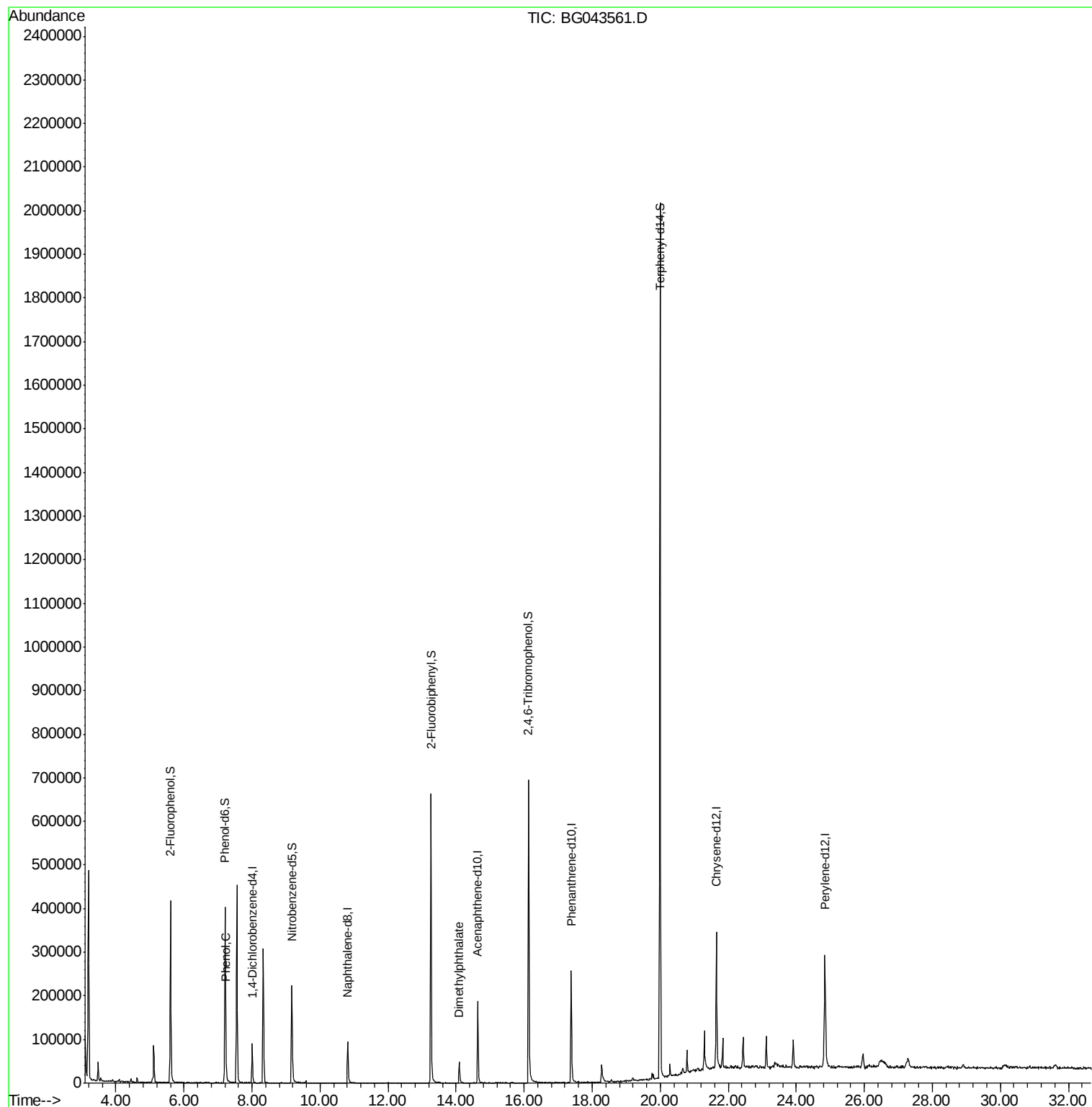
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	27566	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	96645	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	74177	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	196644	20.00	ng	0.00
76) Chrysene-d12	21.65	240	212444	20.00	ng	0.00
87) Perylene-d12	24.84	264	250604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	194121	129.04	ng	0.00
7) Phenol-d6	7.21	99	261441	120.79	ng	0.01
23) Nitrobenzene-d5	9.17	82	153113	81.68	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	182233	129.10	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	396693	73.90	ng	0.00
79) Terphenyl-d14	20.00	244	1057268	93.37	ng	0.00
Target Compounds						
10) Phenol	7.24	94	8137	4.114	ng	# 67
50) Dimethylphthalate	14.09	163	43051	7.493	ng	# 95

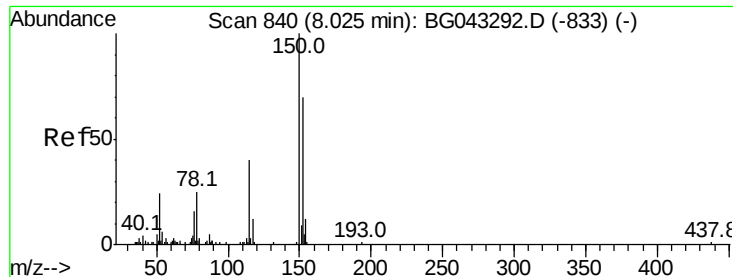
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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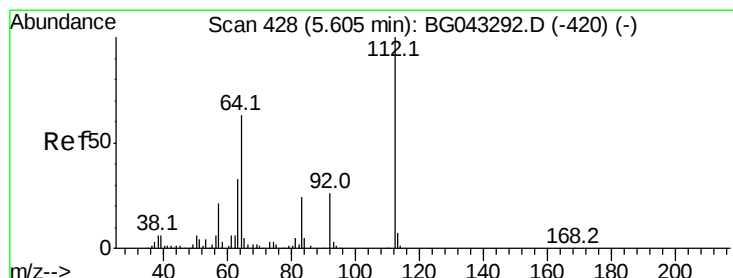
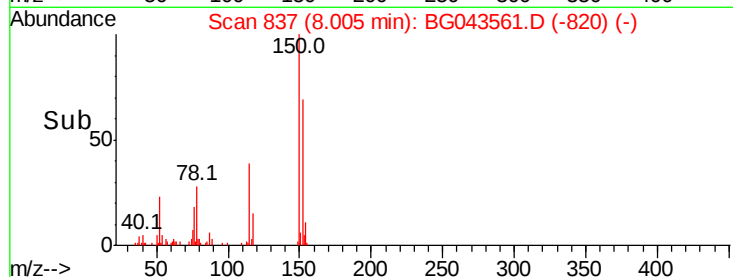
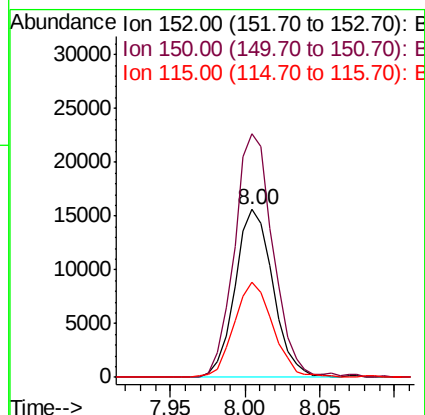
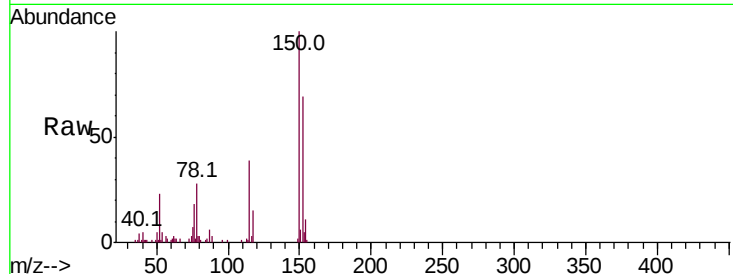


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043561.D
Acq: 8 Nov 2019 5:49

Instrument :
BNA_G
ClientSampleId :
TR-05-110519

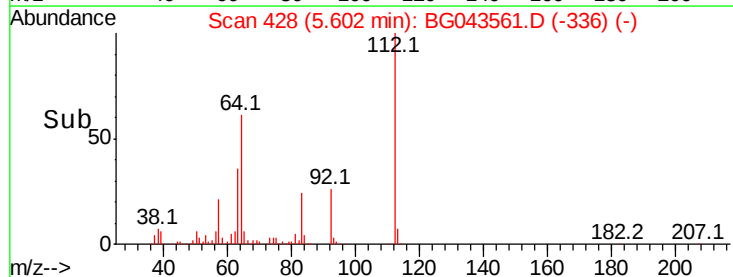
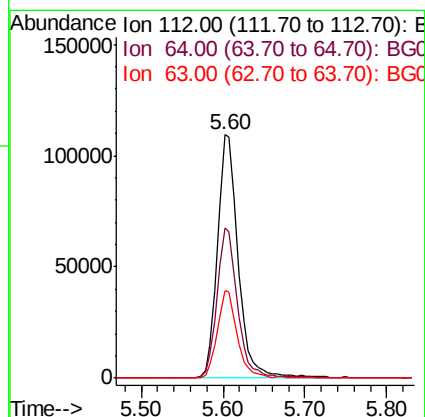
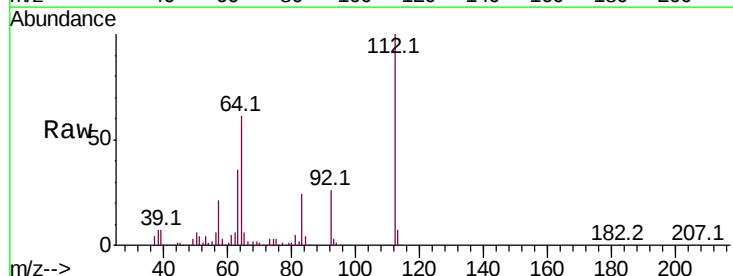
Tot Ion:152 Resp: 27566
Ion Ratio Lower Upper
152 100
150 145.1 129.4 194.0
115 56.9 48.8 73.2

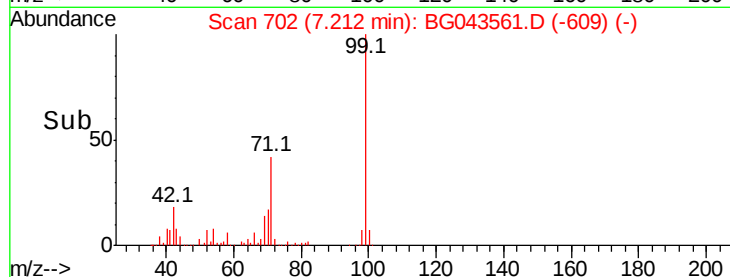
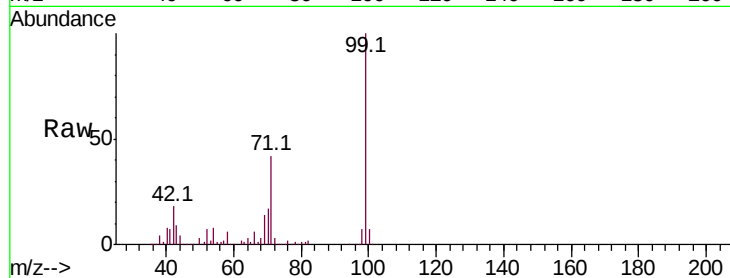
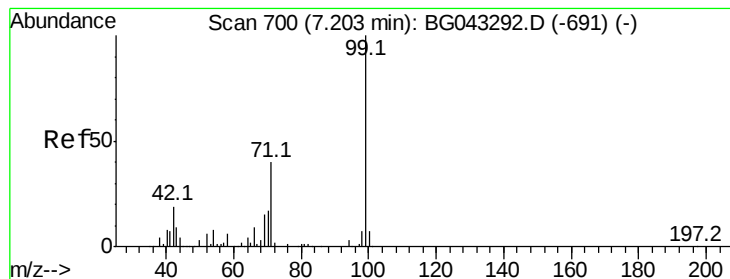


#5

2-Fluorophenol
Concen: 129.042 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043561.D
Acq: 8 Nov 2019 5:49

Tgt Ion:112 Resp: 194121
Ion Ratio Lower Upper
112 100
64 61.5 50.0 75.0
63 36.0 26.6 40.0





#7

Phenol-d6

Concen: 120.793 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043561.D

Acq: 8 Nov 2019 5:49

Instrument :

BNA_G

ClientSampleId :

TR-05-110519

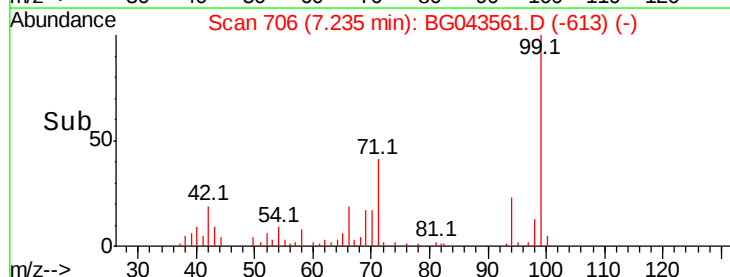
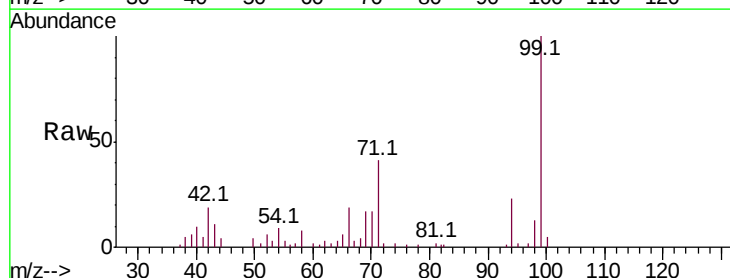
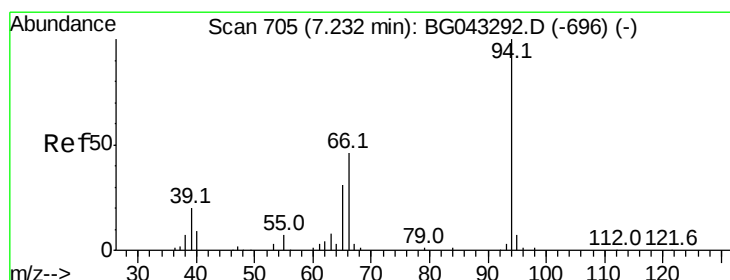
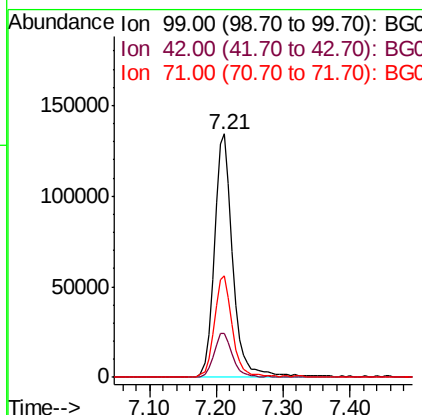
Tot Ion: 99 Resp: 261441

Ion Ratio Lower Upper

99 100

42 18.1 14.6 21.8

71 41.7 32.5 48.7



#10

Phenol

Concen: 4.114 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043561.D

Acq: 8 Nov 2019 5:49

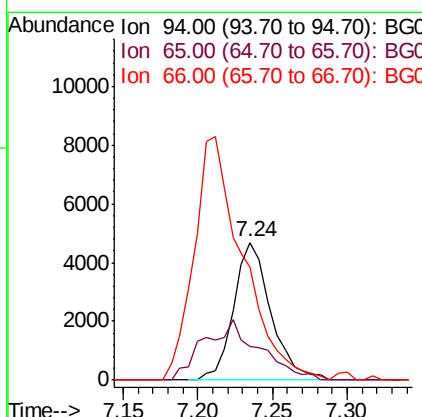
Tgt Ion: 94 Resp: 8137

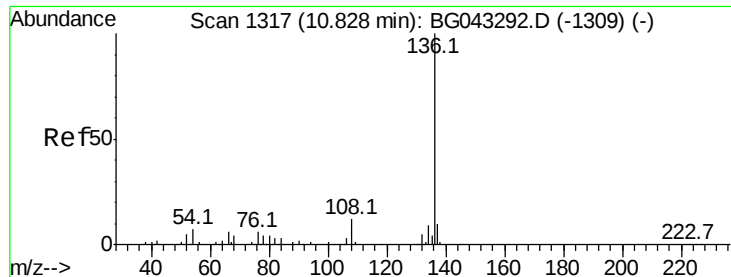
Ion Ratio Lower Upper

94 100

65 24.7 12.6 52.6

66 82.4 30.7 70.7#

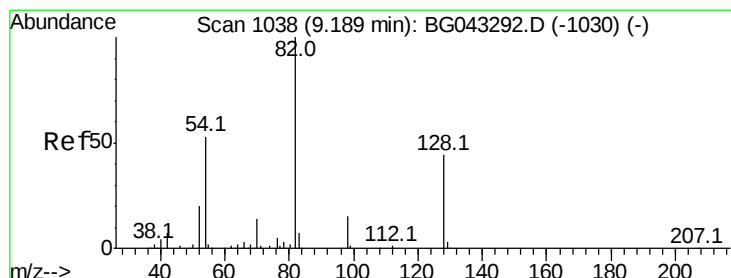
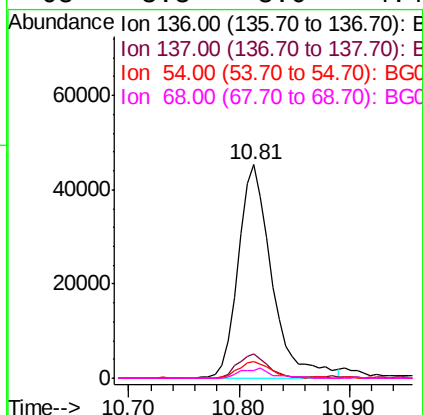
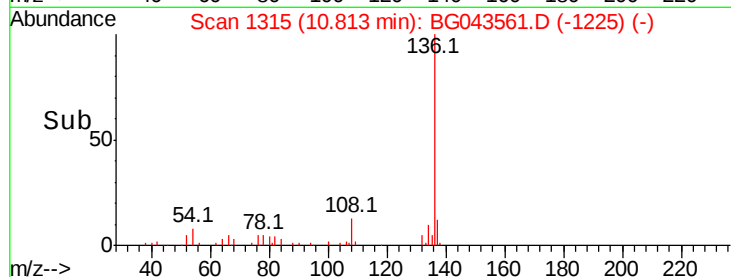
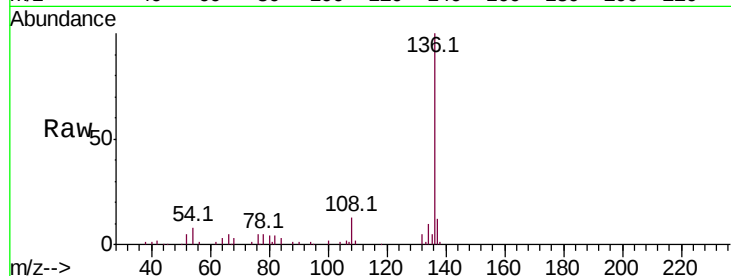




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043561.D
Acq: 8 Nov 2019 5:49

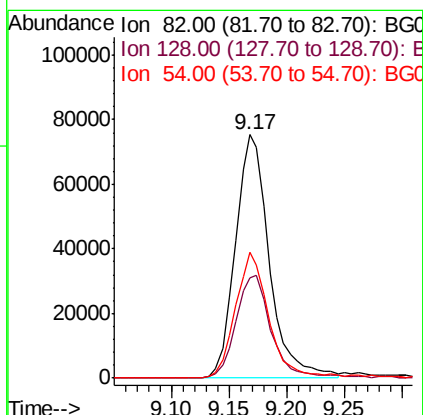
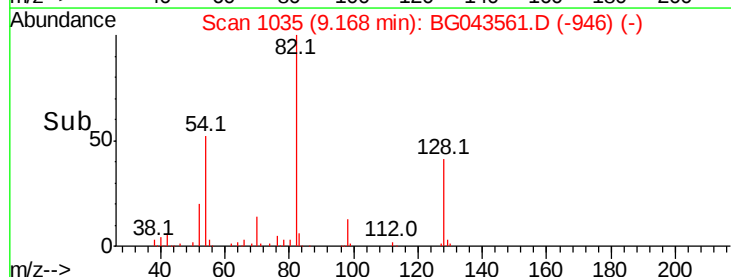
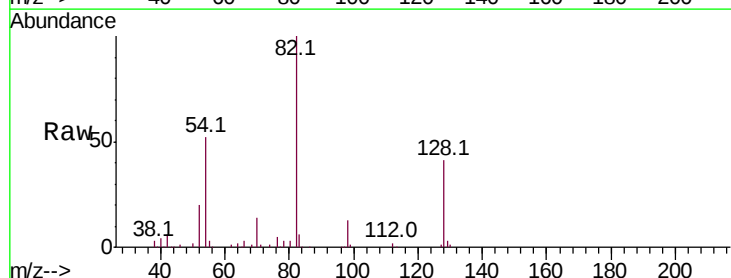
Instrument :
BNA_G
ClientSampleId :
TR-05-110519

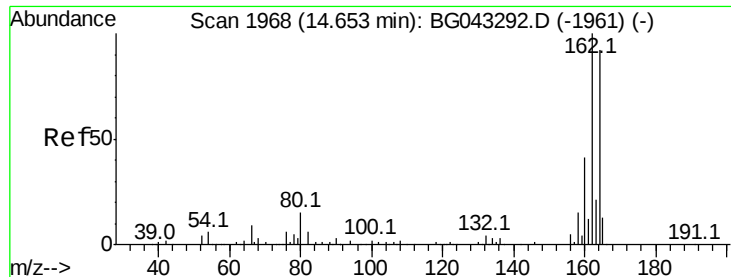
Tot Ion:136	Resp:	96645
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.7 13.1
54	7.6	5.4 8.2
68	3.3	3.0 4.4



#23
Nitrobenzene-d5
Concen: 81.677 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043561.D
Acq: 8 Nov 2019 5:49

Tgt Ion: 82	Resp:	153113
Ion Ratio	Lower	Upper
82	100	
128	41.1	35.0 52.6
54	51.8	40.2 60.2

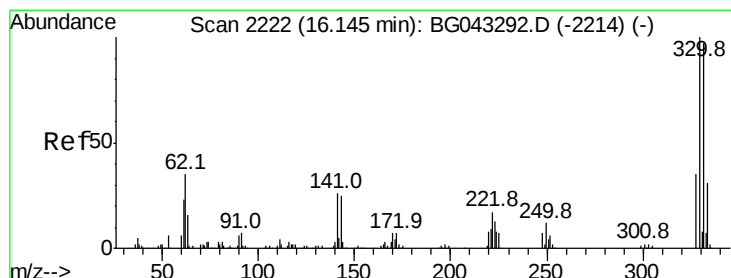
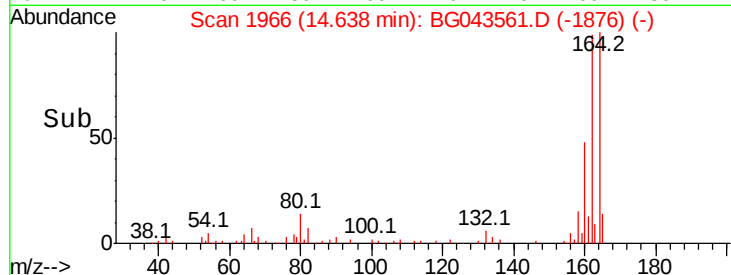
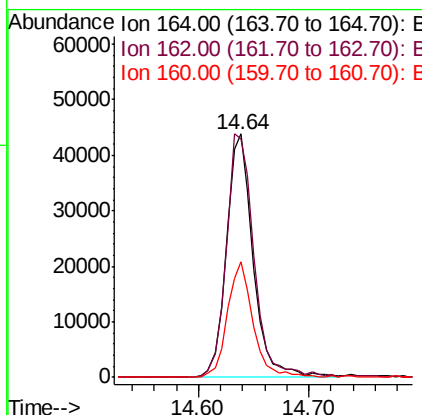
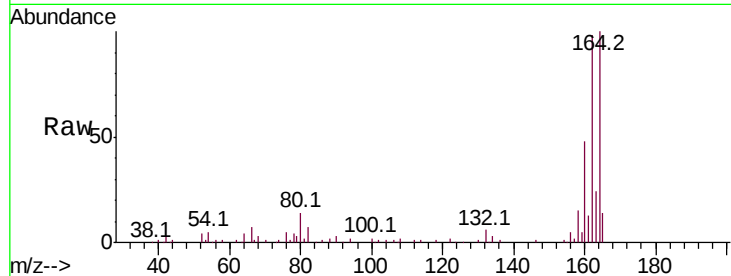




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043561.D
Acq: 8 Nov 2019 5:49

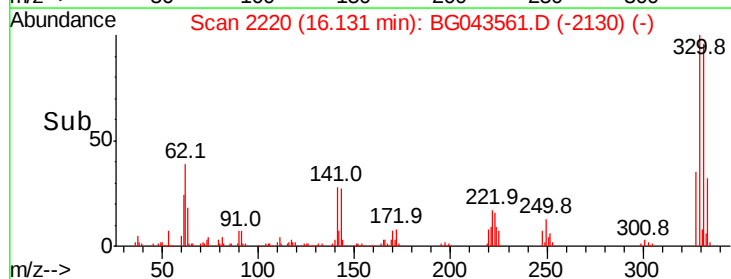
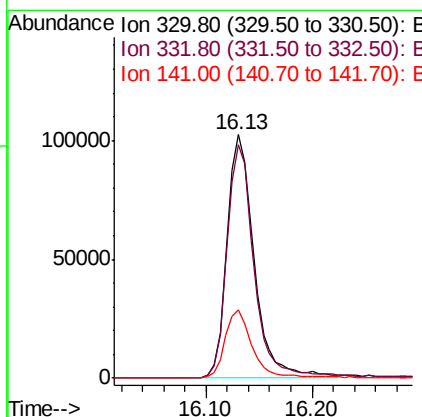
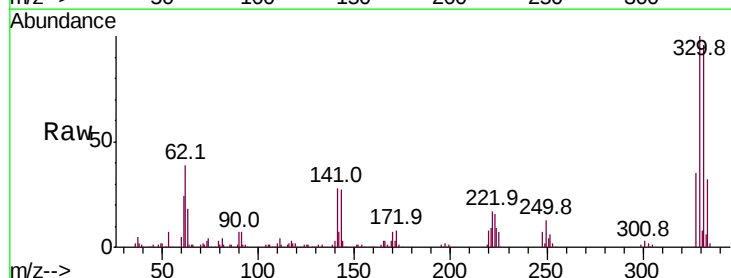
Instrument :
BNA_G
ClientSampleId :
TR-05-110519

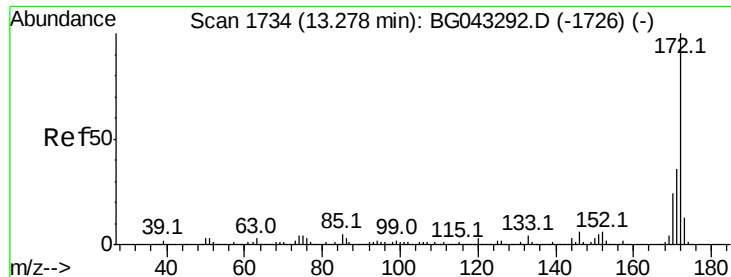
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.0	83.5	125.3
160	47.7	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 129.098 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043561.D
Acq: 8 Nov 2019 5:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	28.6	22.8	34.2

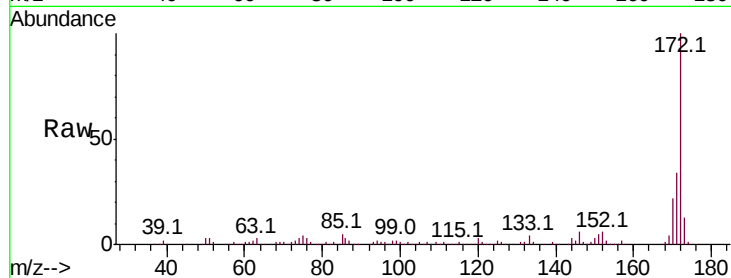




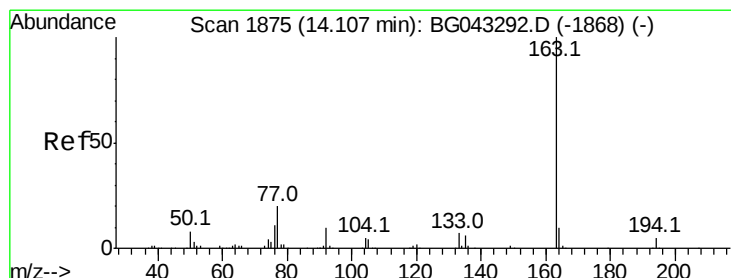
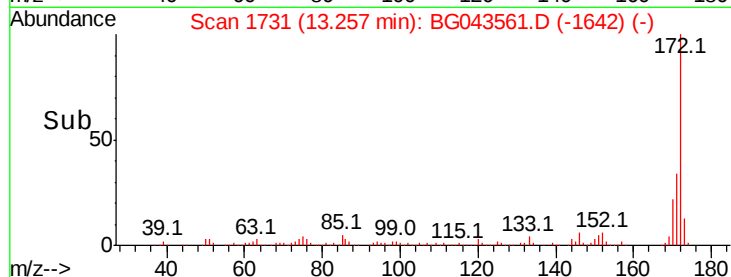
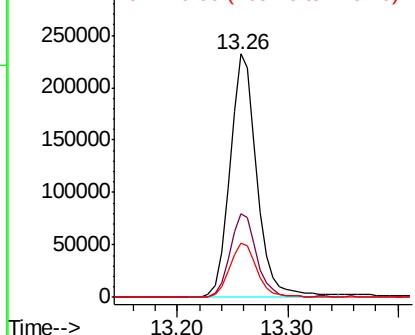
#45
2-Fluorobiphenyl
Concen: 73.898 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043561.D
Acq: 8 Nov 2019 5:49

Instrument :
BNA_G
ClientSampleId :
TR-05-110519

Tot Ion:172 Resp: 396693
Ion Ratio Lower Upper
172 100
171 34.2 28.9 43.3
170 22.3 18.5 27.7

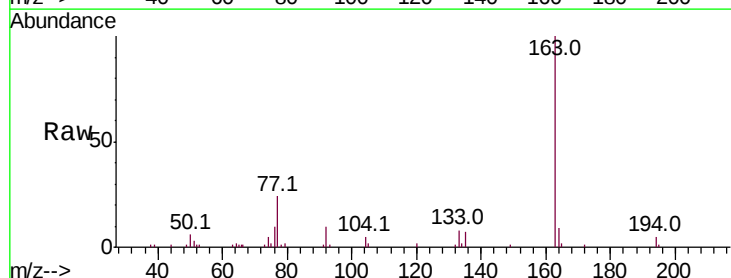


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

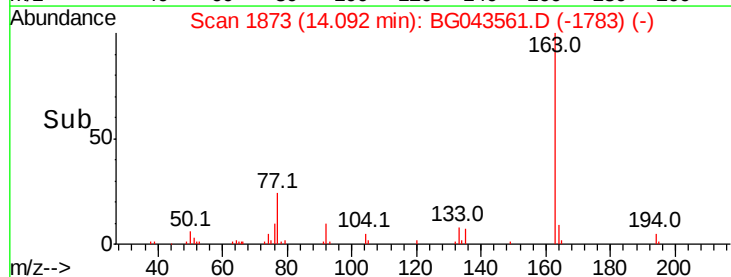
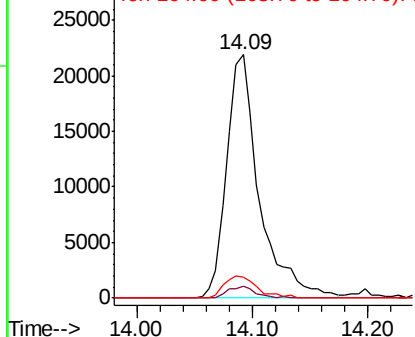


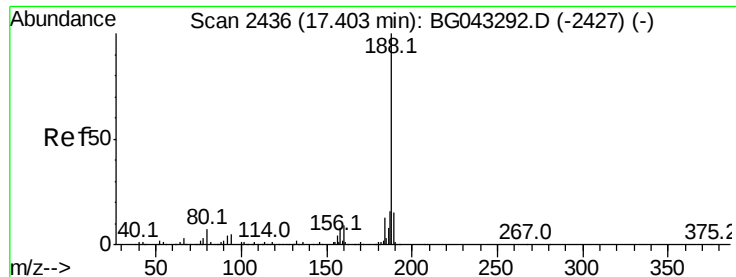
#50
Dimethylphthalate
Concen: 7.493 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG043561.D
Acq: 8 Nov 2019 5:49

Tgt Ion:163 Resp: 43051
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.6
164 8.8 8.9 13.3#



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: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043561.D

Acq: 8 Nov 2019 5:49

Instrument :

BNA_G

ClientSampleId :

TR-05-110519

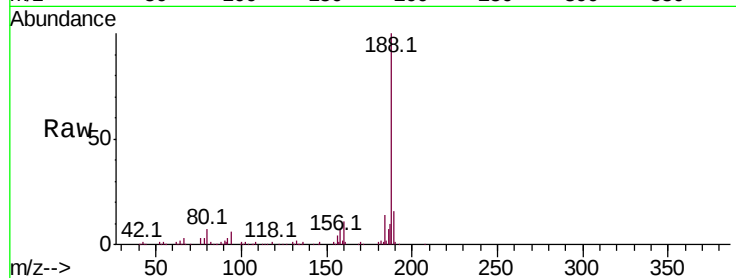
Tot Ion:188 Resp: 196644

Ion Ratio Lower Upper

188 100

94 6.3 4.2 6.4

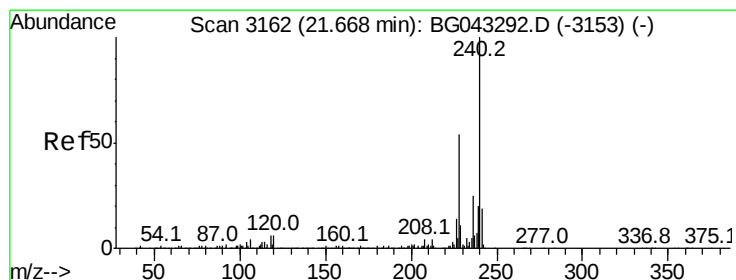
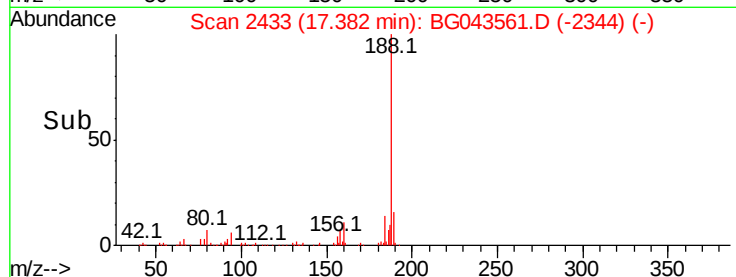
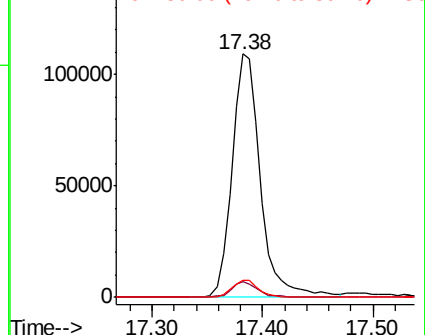
80 7.0 4.5 6.7#



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043561.D

Acq: 8 Nov 2019 5:49

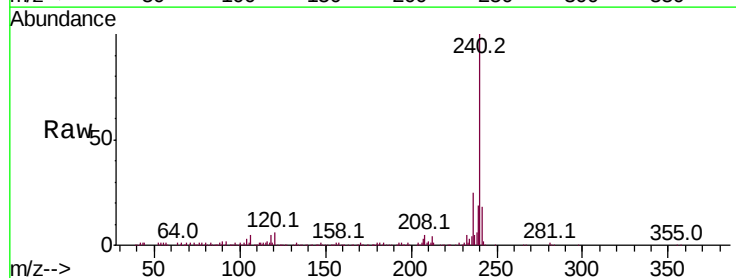
Tgt Ion:240 Resp: 212444

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

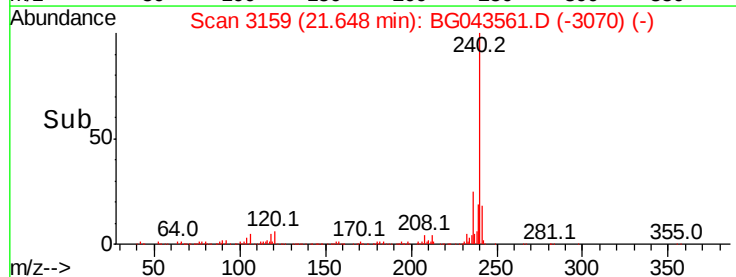
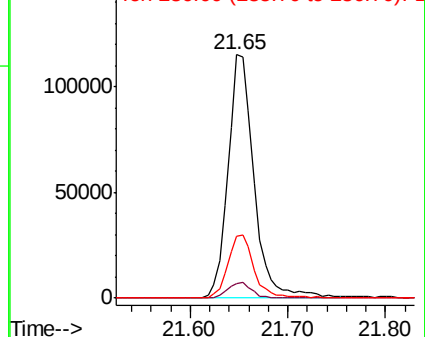
236 25.5 19.8 29.8

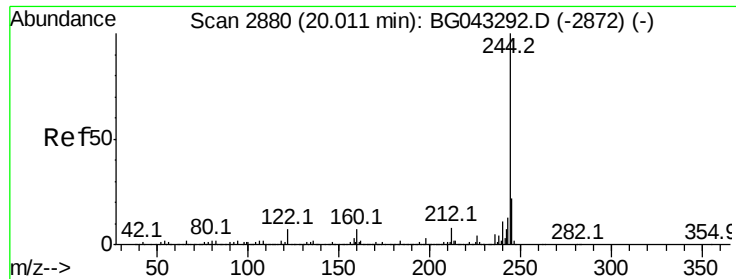


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.366 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043561.D

Acq: 8 Nov 2019 5:49

Instrument :

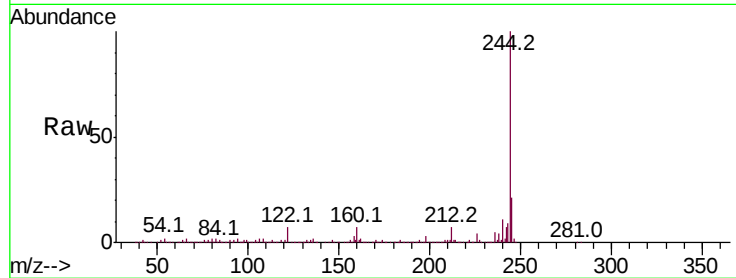
BNA_G

ClientSampleId :

TR-05-110519

Tot Ion:244 Resp: 1057268

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.7	5.4	8.2

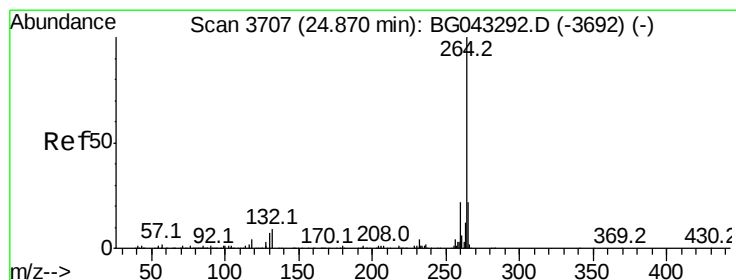
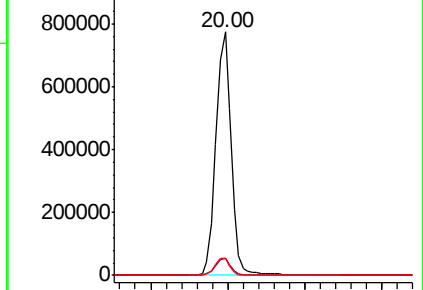
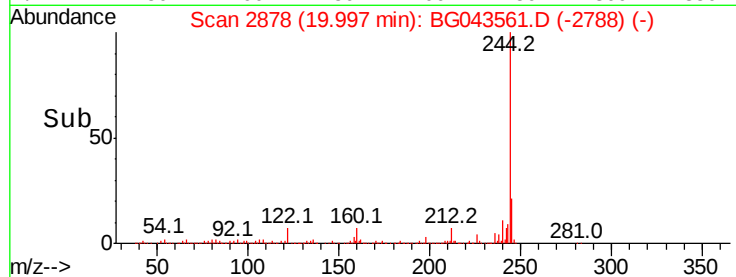


Abundance

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: 24.84 min Scan# 3703

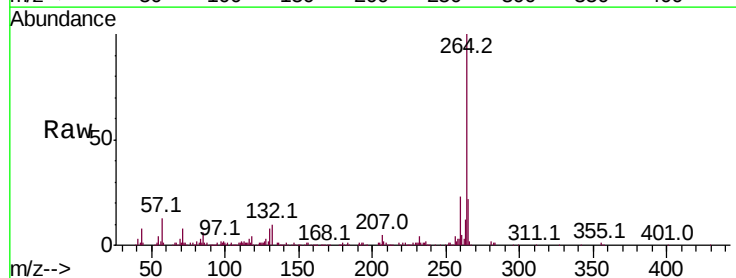
Delta R.T. -0.01 min

Lab File: BG043561.D

Acq: 8 Nov 2019 5:49

Tgt Ion:264 Resp: 250604

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.5	26.3
265	21.6	17.4	26.0



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

