

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043560.D
 Acq On : 8 Nov 2019 5:10
 Operator : JU
 Sample : K5668-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-110619

Quant Time: Nov 08 05:49:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

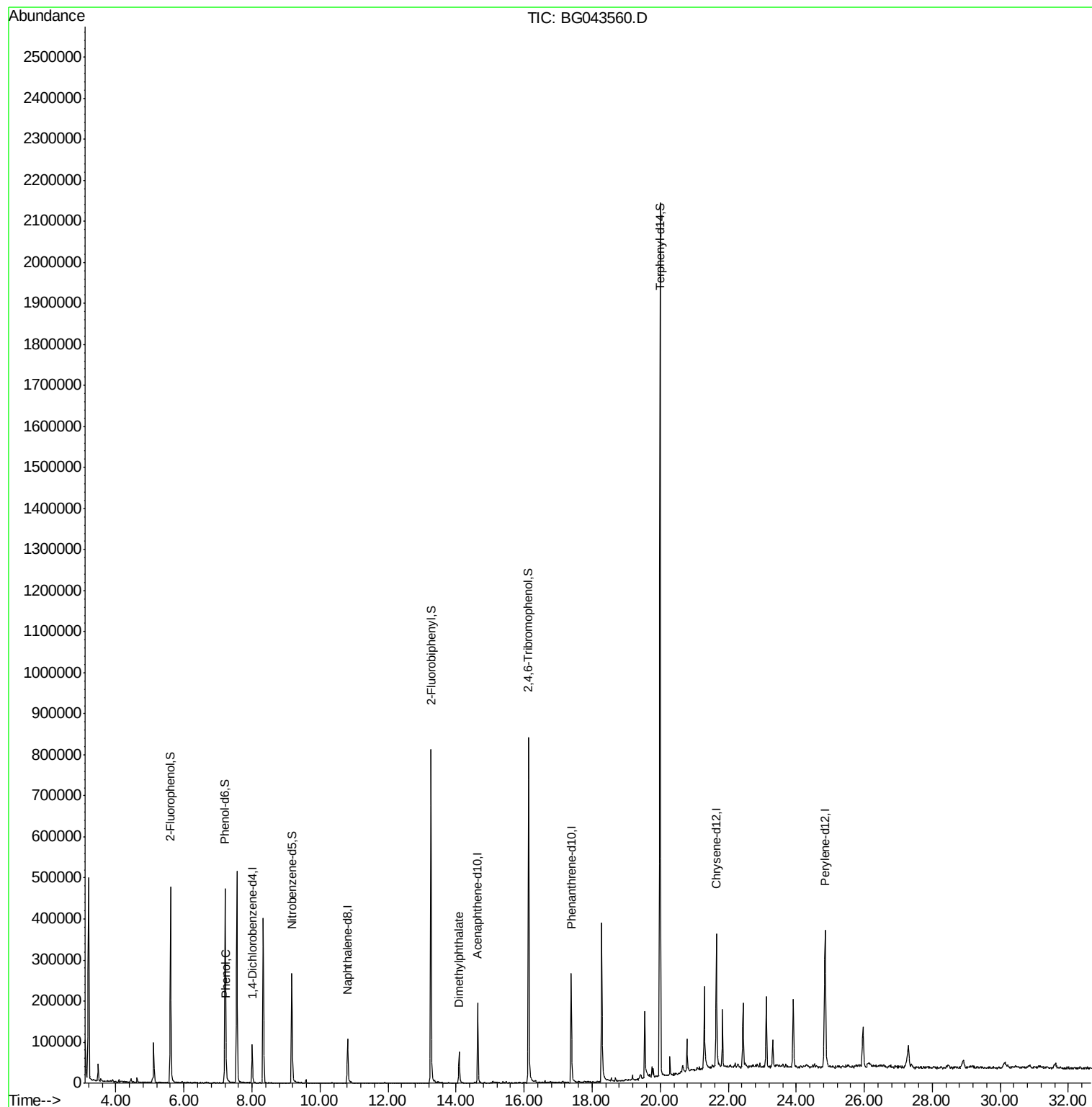
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28550	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	104762	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	74985	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	205142	20.00	ng	0.00
76) Chrysene-d12	21.65	240	217725	20.00	ng	0.00
87) Perylene-d12	24.85	264	249111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	225065	144.46	ng	0.02
7) Phenol-d6	7.21	99	302757	135.06	ng	0.02
23) Nitrobenzene-d5	9.17	82	183322	90.21	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	207005	145.07	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	486128	89.58	ng	0.00
79) Terphenyl-d14	20.00	244	1128707	97.26	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14366	7.013	ng	96
50) Dimethylphthalate	14.09	163	61118	10.523	ng	99

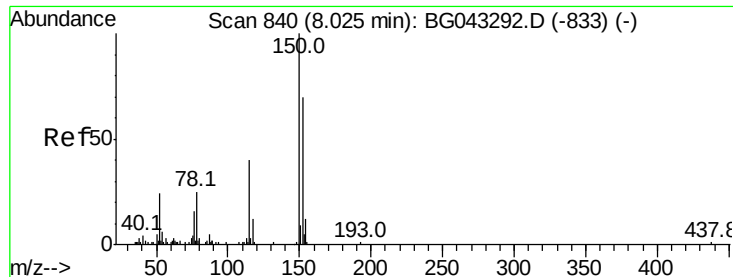
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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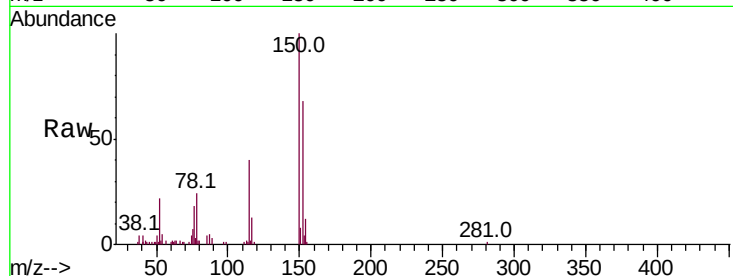


#1

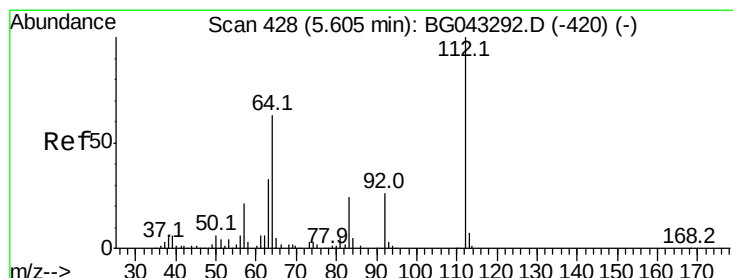
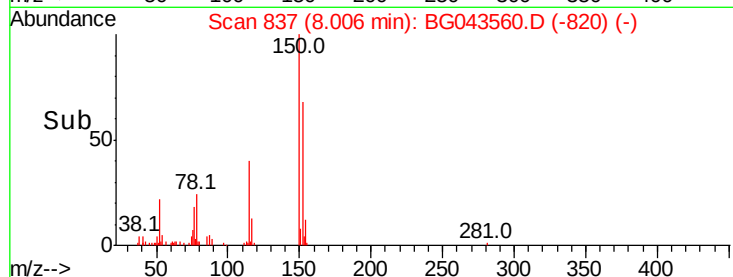
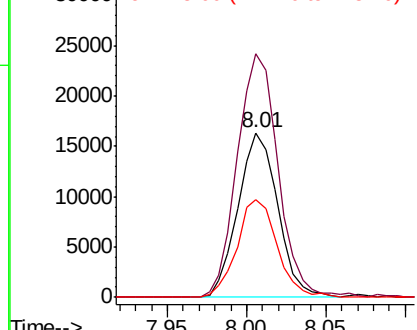
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043560.D
Acq: 8 Nov 2019 5:10

Instrument :
BNA_G
ClientSampleId :
HD-01-110619

Tot Ion:152 Resp: 28550
Ion Ratio Lower Upper
152 100
150 147.8 129.4 194.0
115 59.6 48.8 73.2



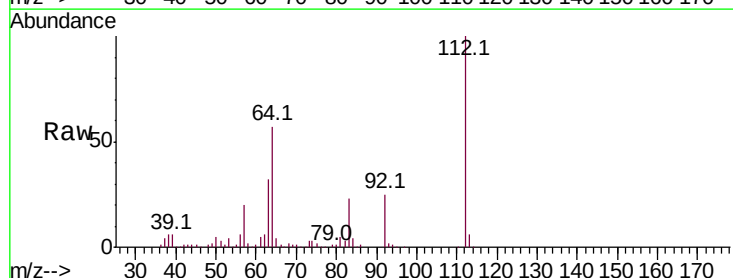
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



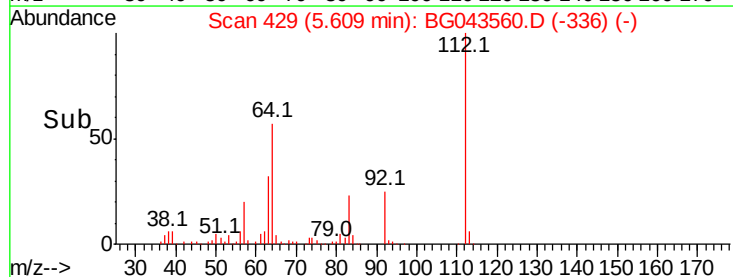
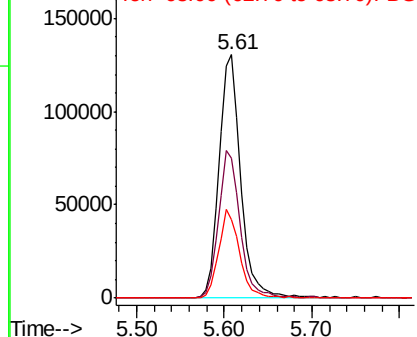
#5

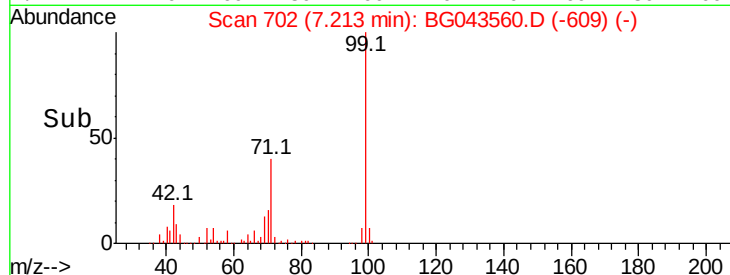
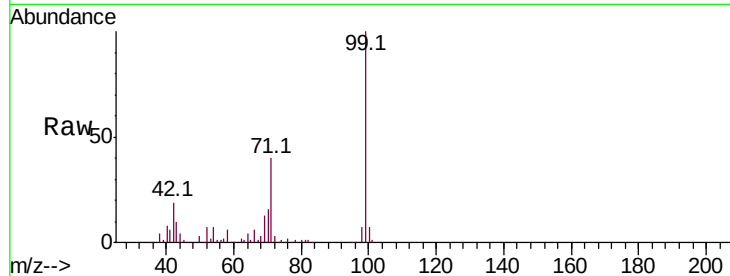
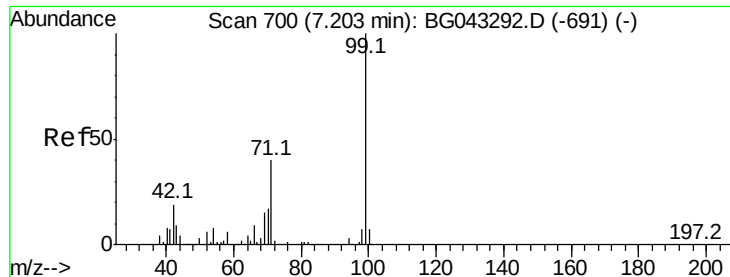
2-Fluorophenol
Concen: 144.455 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043560.D
Acq: 8 Nov 2019 5:10

Tgt Ion:112 Resp: 225065
Ion Ratio Lower Upper
112 100
64 57.3 50.0 75.0
63 32.2 26.6 40.0



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: 135.061 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043560.D

Acq: 8 Nov 2019 5:10

Instrument :

BNA_G

ClientSampleId :

HD-01-110619

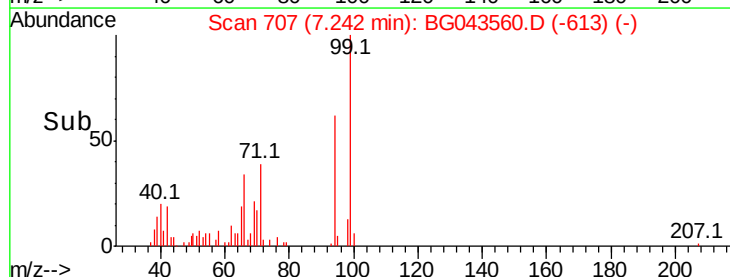
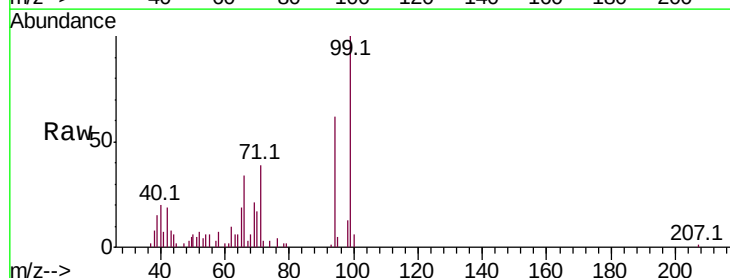
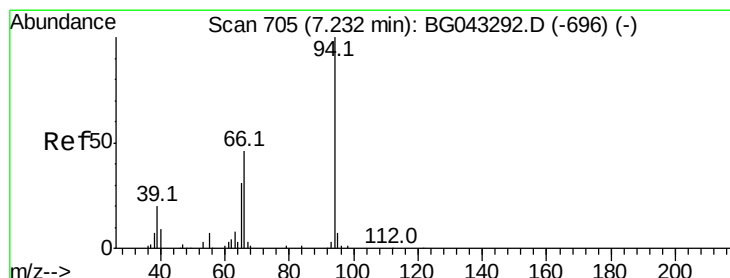
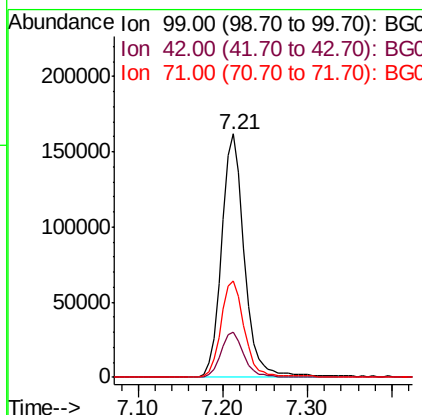
Tot Ion: 99 Resp: 302757

Ion Ratio Lower Upper

99 100

42 18.5 14.6 21.8

71 39.7 32.5 48.7



#10

Phenol

Concen: 7.013 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043560.D

Acq: 8 Nov 2019 5:10

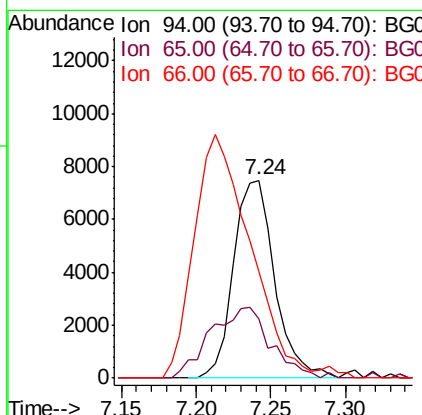
Tgt Ion: 94 Resp: 14366

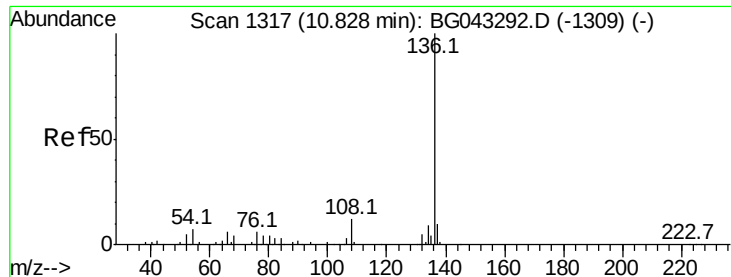
Ion Ratio Lower Upper

94 100

65 30.0 12.6 52.6

66 53.7 30.7 70.7

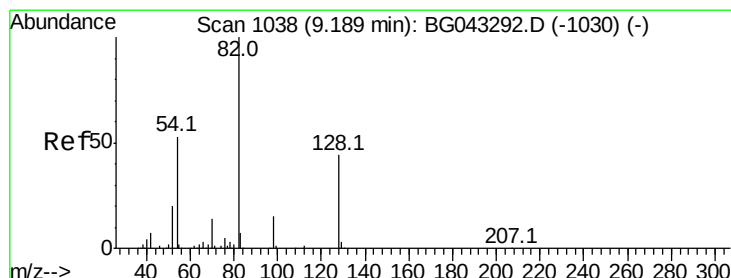
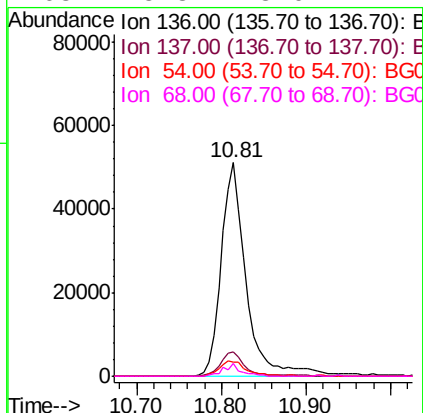
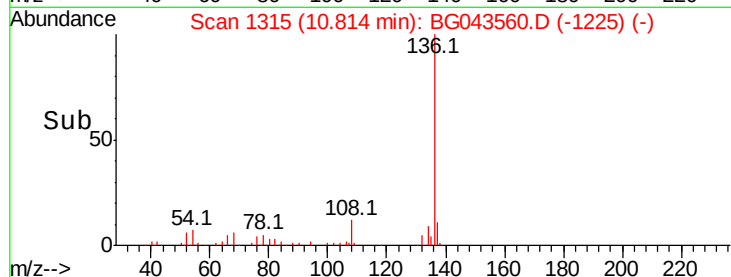
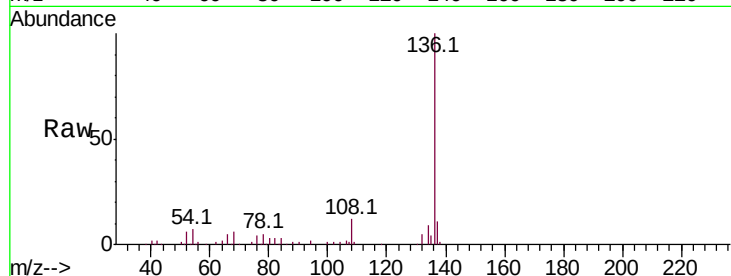




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043560.D
Acq: 8 Nov 2019 5:10

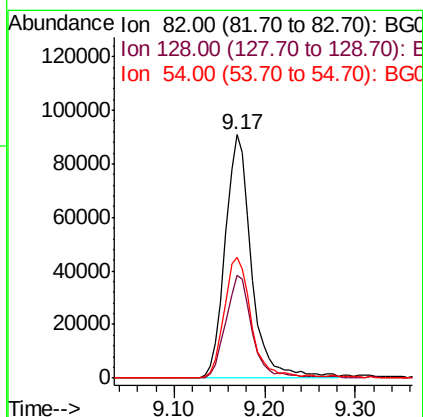
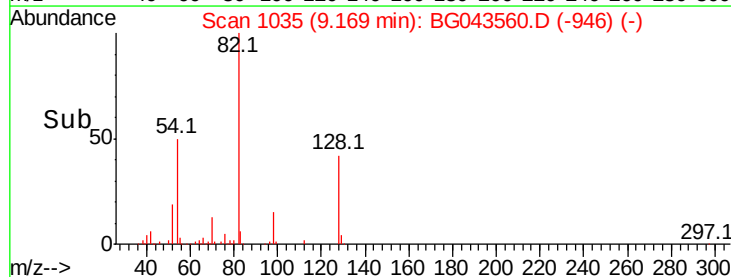
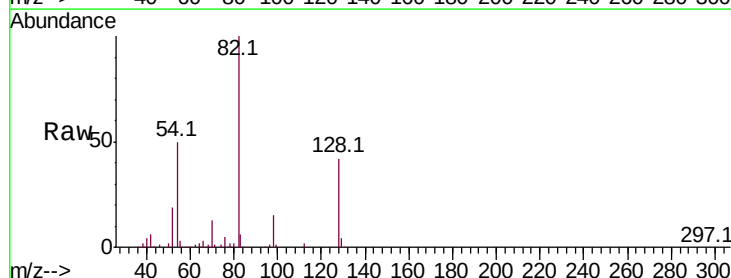
Instrument :
BNA_G
ClientSampleId :
HD-01-110619

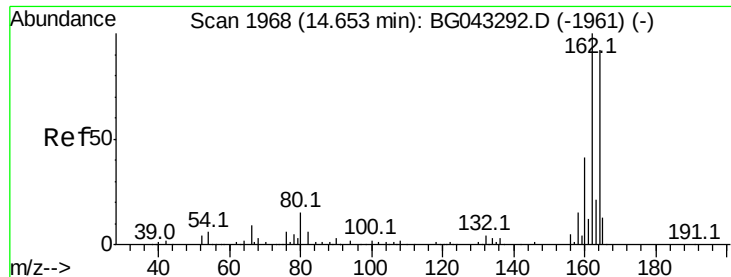
Tot Ion:136	Resp:	104762
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.7 13.1
54	6.5	5.4 8.2
68	5.8	3.0 4.4#



#23
Nitrobenzene-d5
Concen: 90.215 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043560.D
Acq: 8 Nov 2019 5:10

Tgt Ion: 82	Resp:	183322
Ion Ratio	Lower	Upper
82	100	
128	42.4	35.0 52.6
54	49.9	40.2 60.2

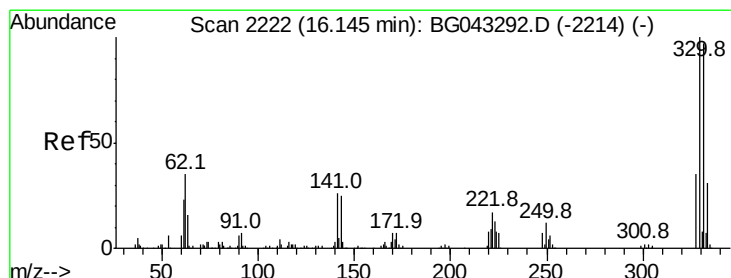
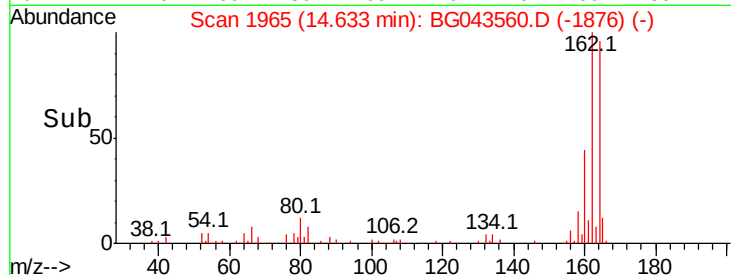
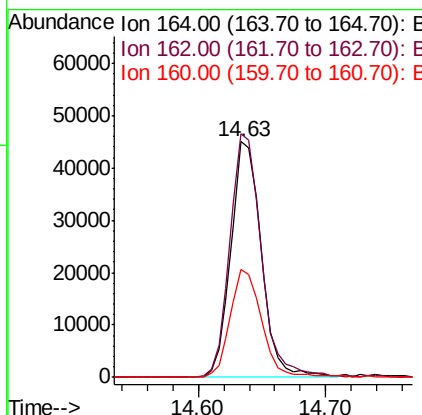
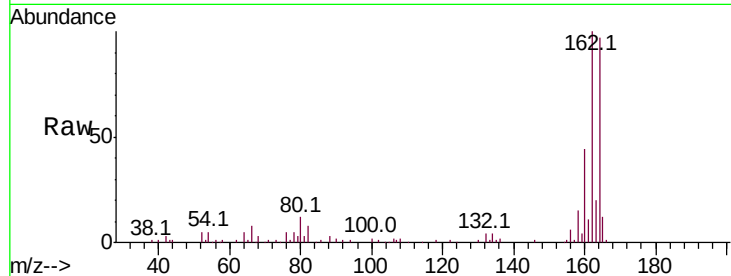




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG043560.D
 Acq: 8 Nov 2019 5:10

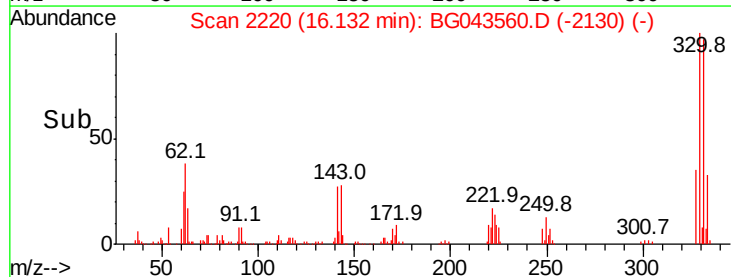
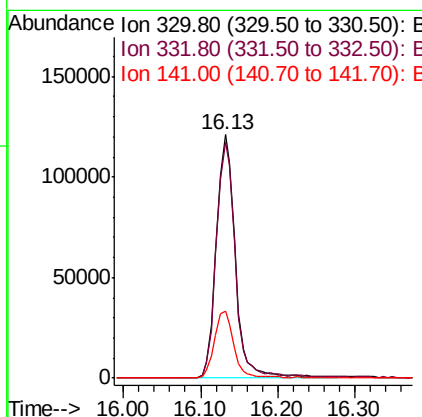
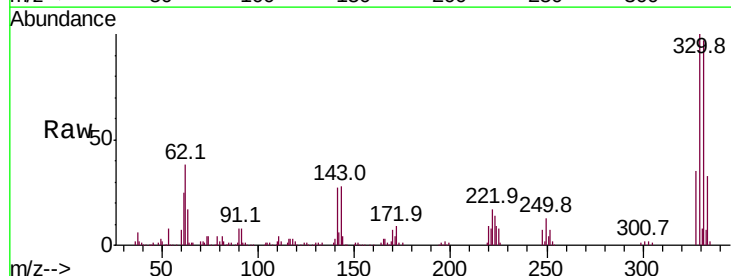
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-110619

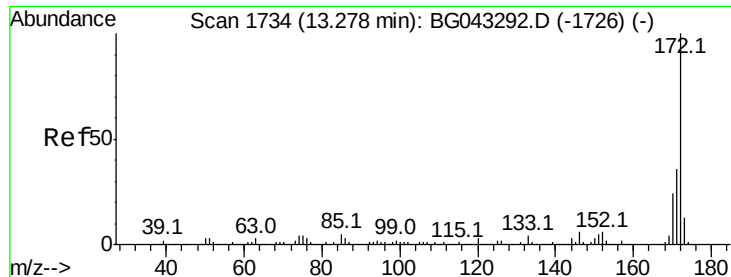
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.5	125.3
160	45.5	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 145.066 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043560.D
 Acq: 8 Nov 2019 5:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.0
141	27.6	22.8	34.2

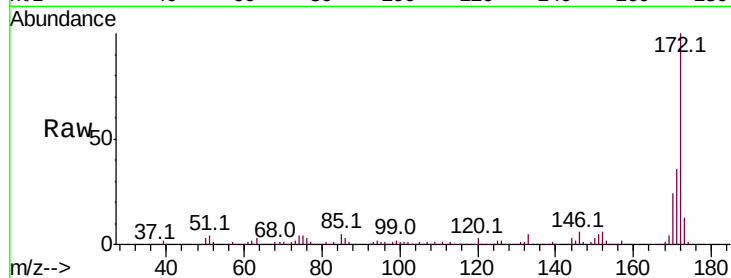




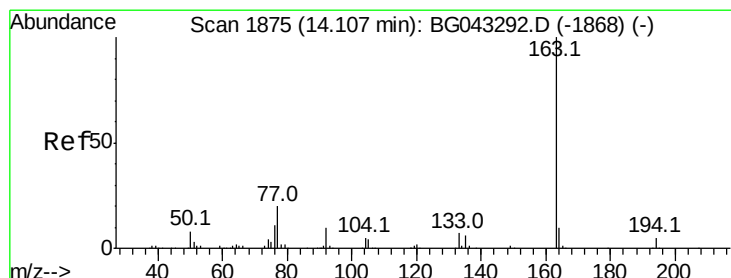
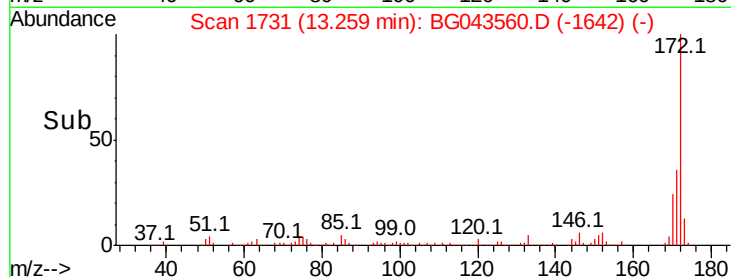
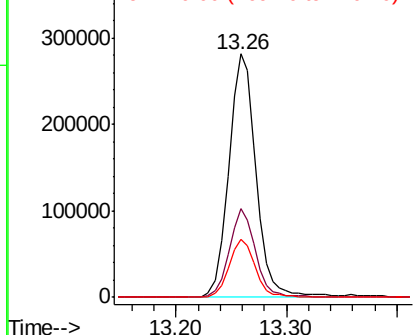
#45
2-Fluorobiphenyl
Concen: 89.582 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043560.D
Acq: 8 Nov 2019 5:10

Instrument :
BNA_G
ClientSampleId :
HD-01-110619

Tot Ion:172 Resp: 486128
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.8 18.5 27.7

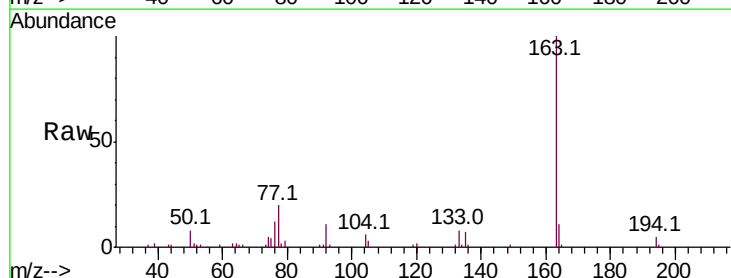


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

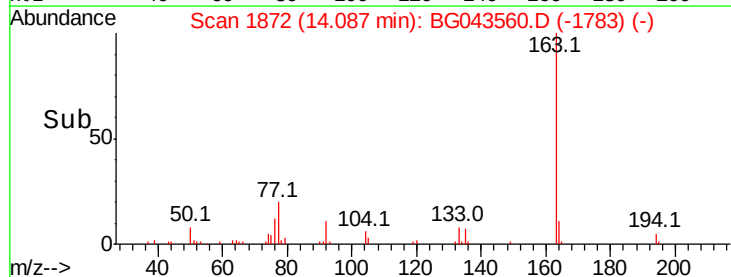
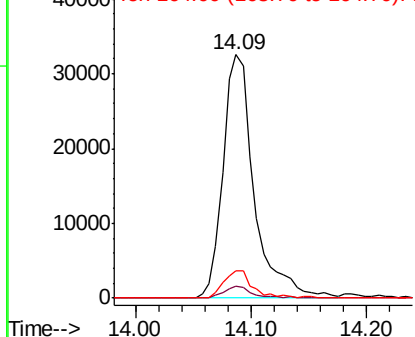


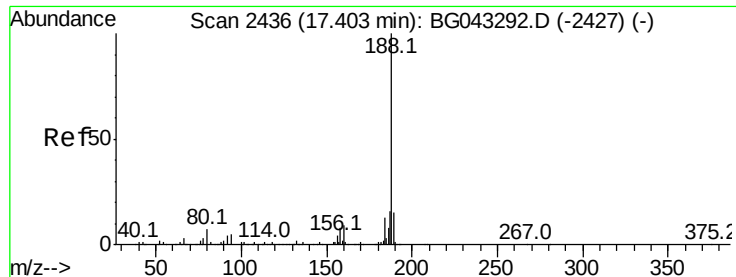
#50
Dimethylphthalate
Concen: 10.523 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043560.D
Acq: 8 Nov 2019 5:10

Tgt Ion:163 Resp: 61118
Ion Ratio Lower Upper
163 100
194 5.1 3.8 5.6
164 11.2 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: BG043560.D

Acq: 8 Nov 2019 5:10

Instrument :

BNA_G

ClientSampleId :

HD-01-110619

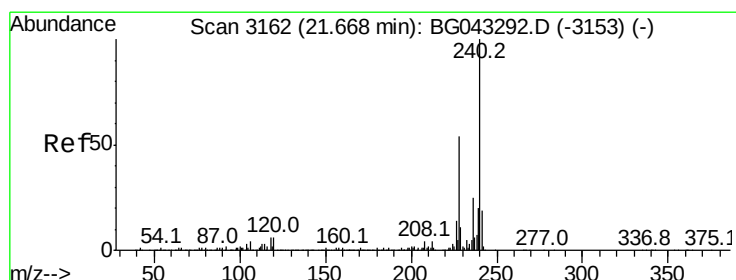
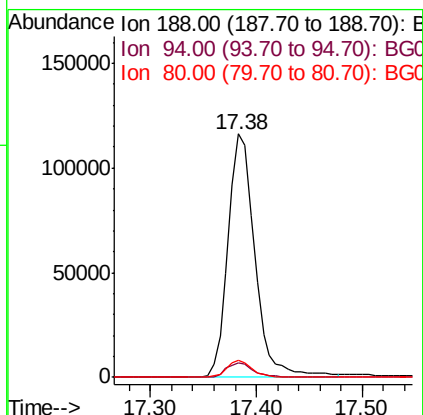
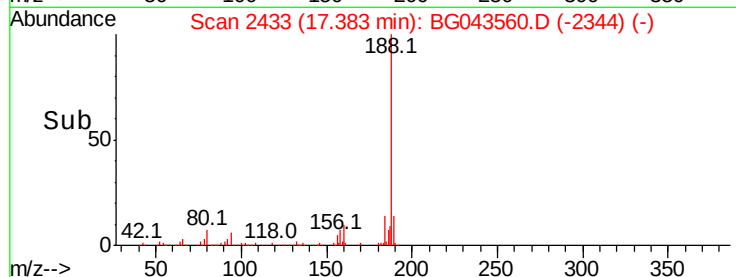
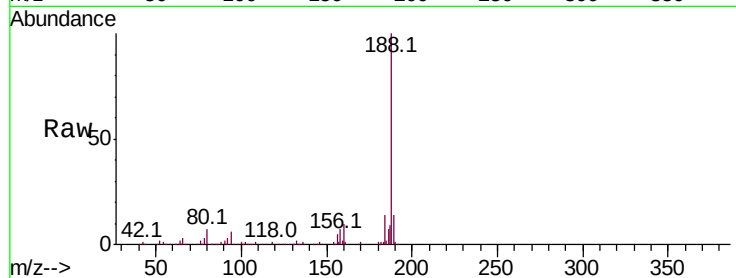
Tot Ion:188 Resp: 205142

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.4

80 7.1 4.5 6.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043560.D

Acq: 8 Nov 2019 5:10

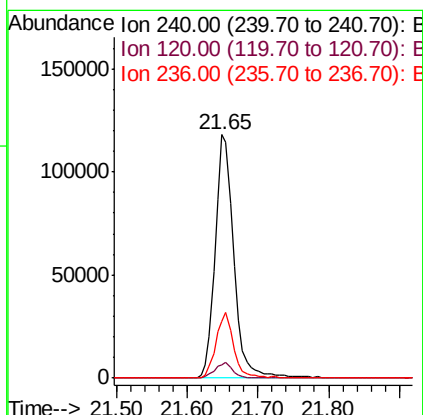
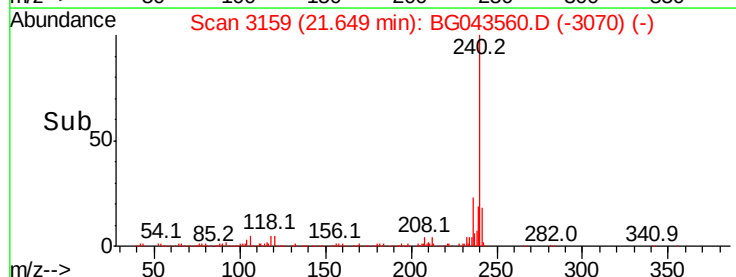
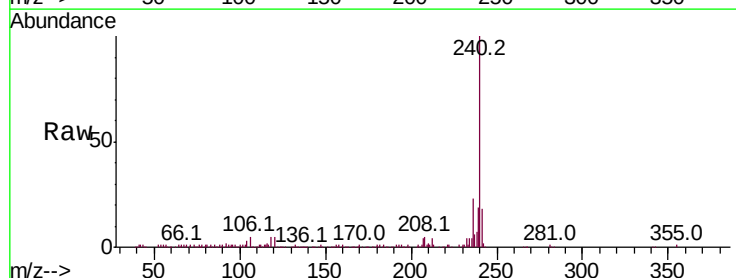
Tgt Ion:240 Resp: 217725

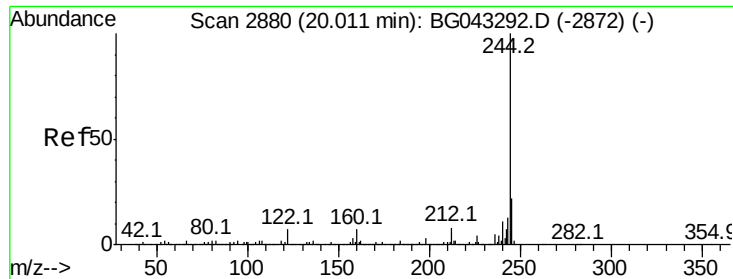
Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

236 23.2 19.8 29.8





#79

Terphenyl-d14

Concen: 97.257 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043560.D

Acq: 8 Nov 2019 5:10

Instrument :

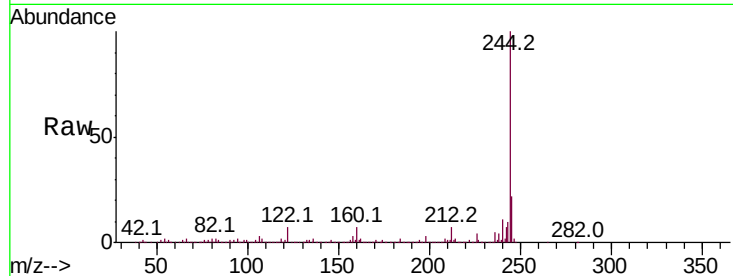
BNA_G

ClientSampleId :

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Tot Ion:244 Resp: 1128707

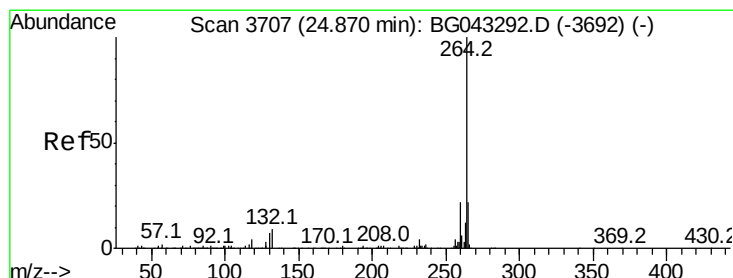
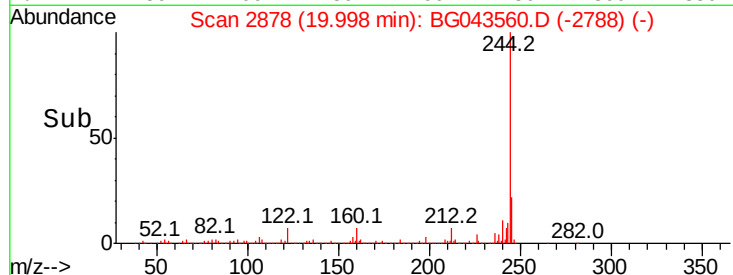
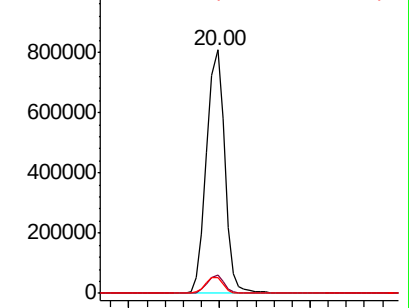
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	6.7	5.4	8.2



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: 24.85 min Scan# 3704

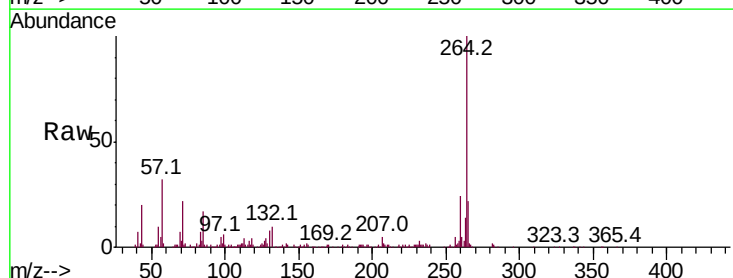
Delta R.T. -0.00 min

Lab File: BG043560.D

Acq: 8 Nov 2019 5:10

Tgt Ion:264 Resp: 249111

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.5	26.3
265	21.9	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

