

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043732.D
 Acq On : 20 Nov 2019 17:51
 Operator : JU
 Sample : K5904-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-(10-12)

Quant Time: Nov 21 01:00:51 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

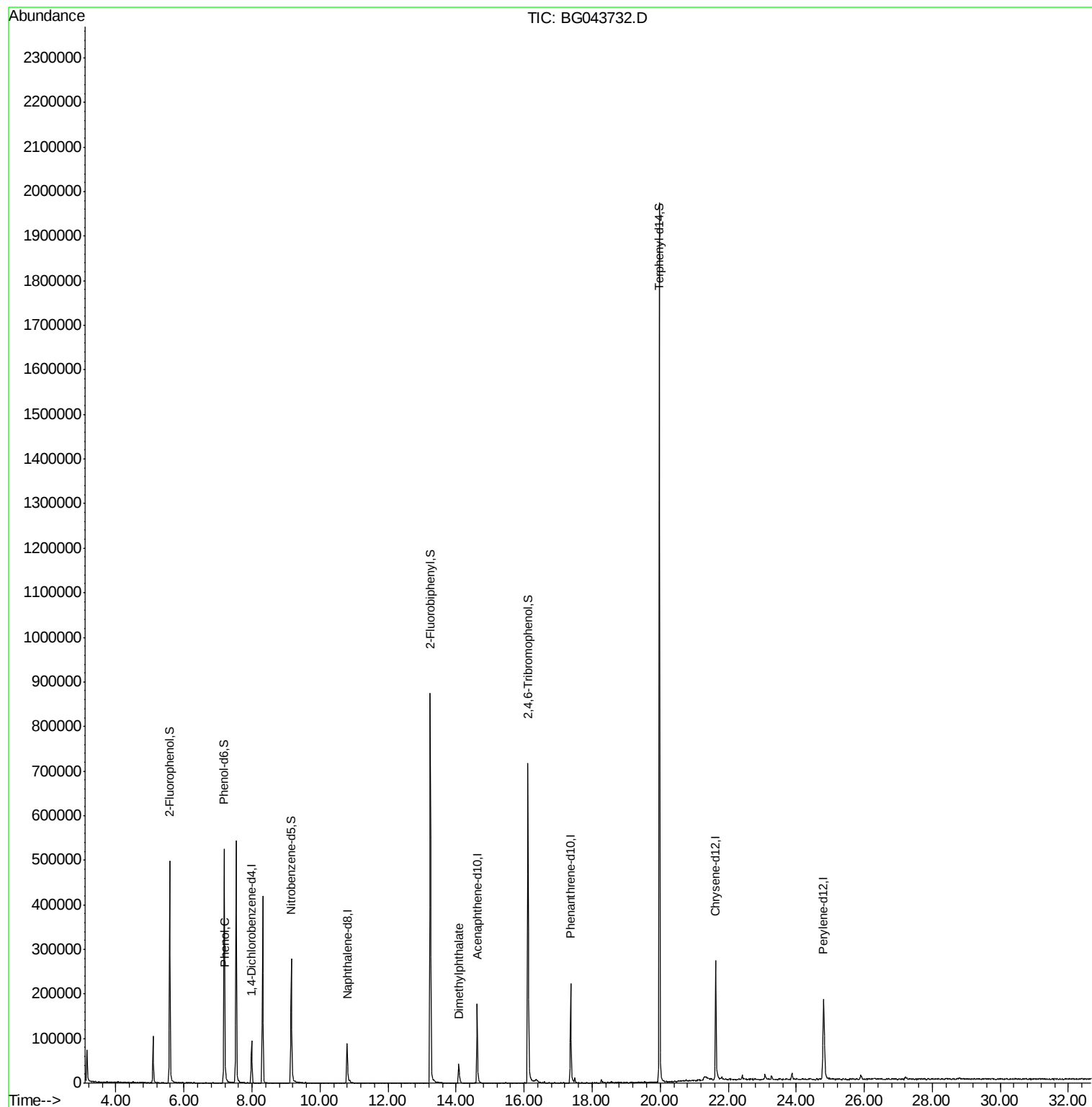
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27054	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	99649	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	74045	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	183364	20.00	ng	0.00
76) Chrysene-d12	21.63	240	198478	20.00	ng	0.00
87) Perylene-d12	24.80	264	225676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	226738	153.58	ng	0.00
7) Phenol-d6	7.18	99	321514	151.36	ng	0.00
23) Nitrobenzene-d5	9.15	82	186852	96.67	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	183708	130.37	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	518291	96.72	ng	0.00
79) Terphenyl-d14	19.98	244	1092369	103.25	ng	0.00
Target Compounds						
10) Phenol	7.21	94	11159	5.749	ng	Qvalue # 77
50) Dimethylphthalate	14.07	163	45345	7.906	ng	98

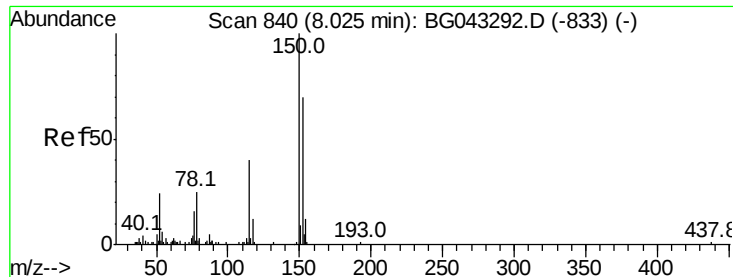
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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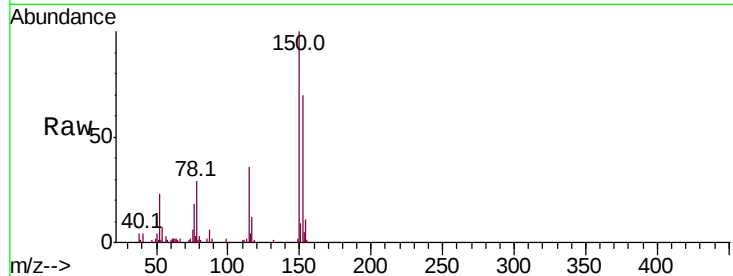


#1

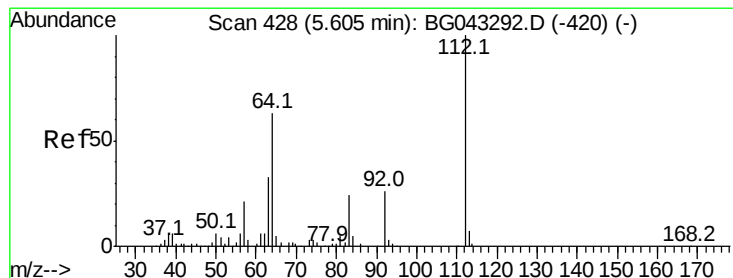
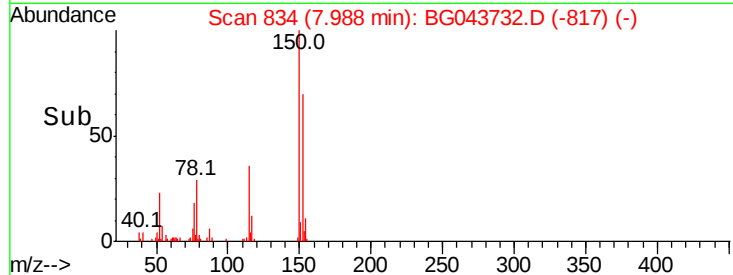
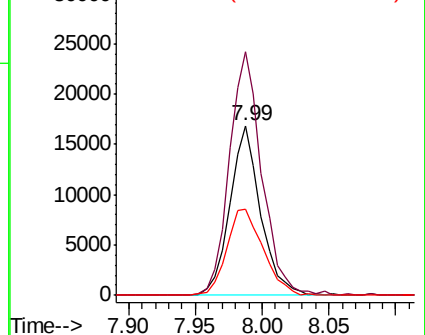
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

Instrument :
BNA_G
ClientSampleId :
1-(10-12)

Tot Ion:152 Resp: 27054
Ion Ratio Lower Upper
152 100
150 143.6 116.6 175.0
115 51.1 40.5 60.7



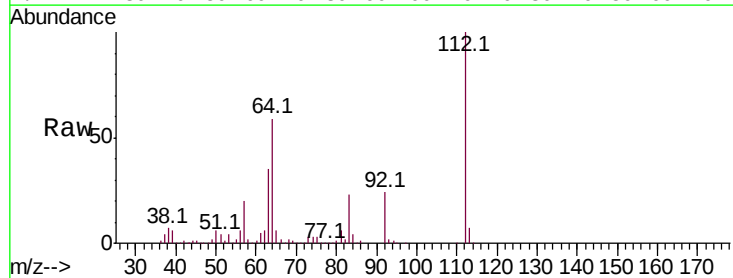
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



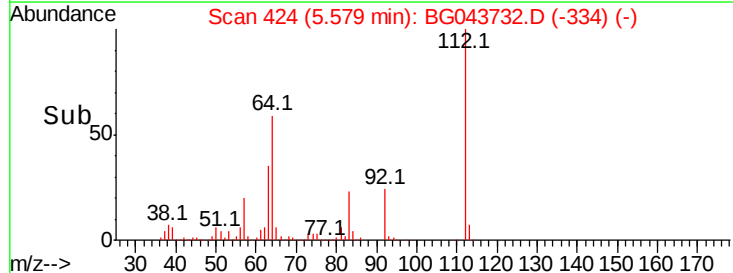
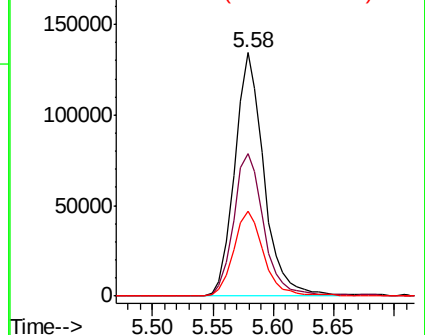
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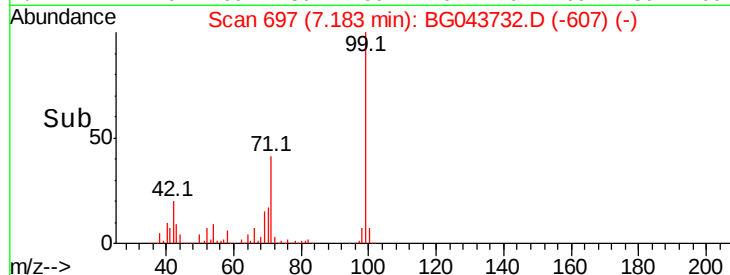
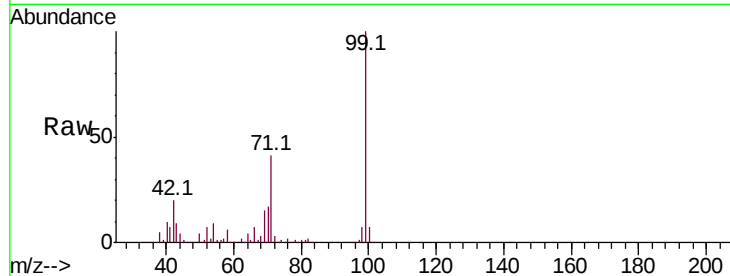
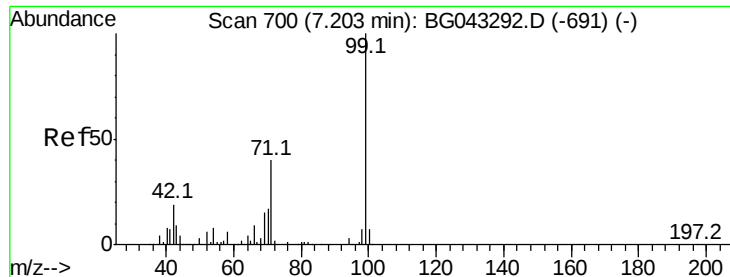
2-Fluorophenol
Concen: 153.576 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

Tgt Ion:112 Resp: 226738
Ion Ratio Lower Upper
112 100
64 58.8 50.6 75.8
63 34.8 30.5 45.7



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: 151.360 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

Instrument :

BNA_G

ClientSampleId :

1-(10-12)

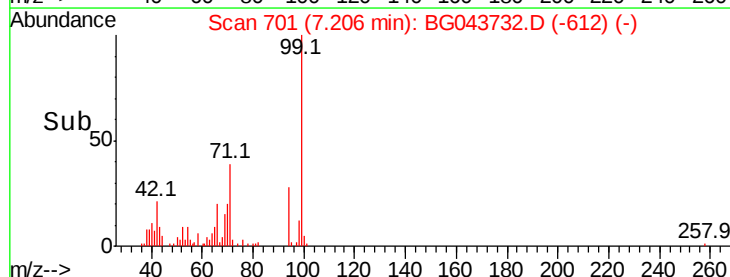
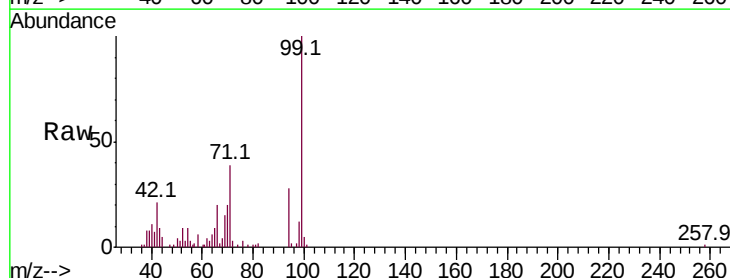
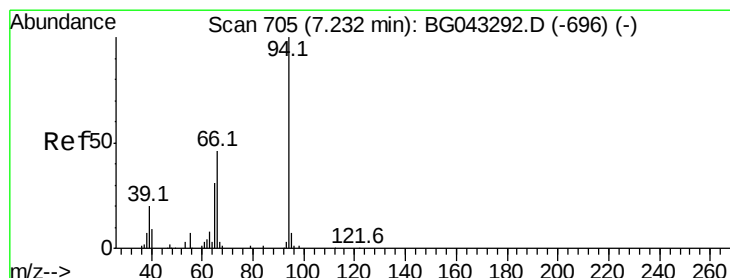
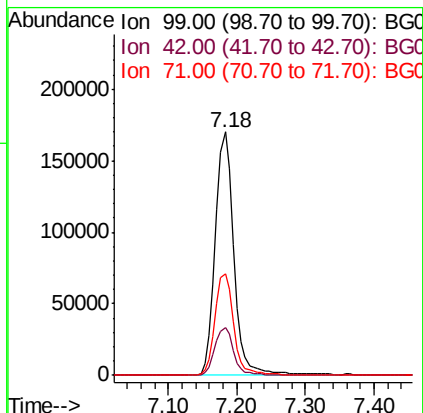
Tot Ion: 99 Resp: 321514

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.8

71 41.5 34.4 51.6



#10

Phenol

Concen: 5.749 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

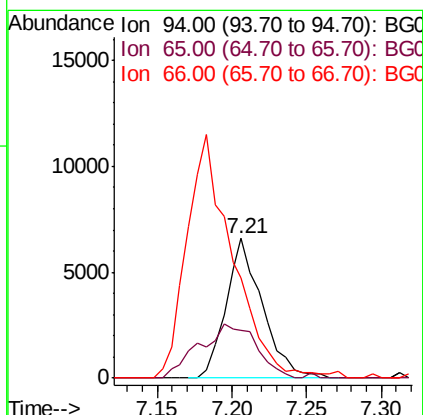
Tgt Ion: 94 Resp: 11159

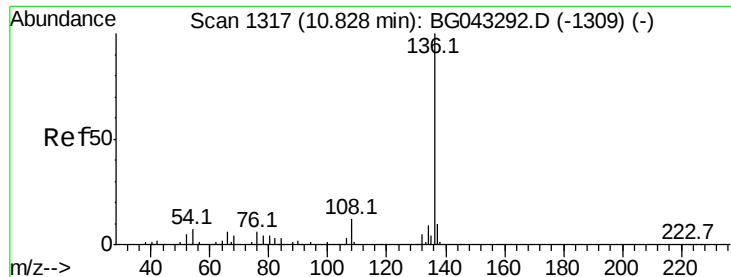
Ion Ratio Lower Upper

94 100

65 34.0 11.4 51.4

66 71.5 28.4 68.4#

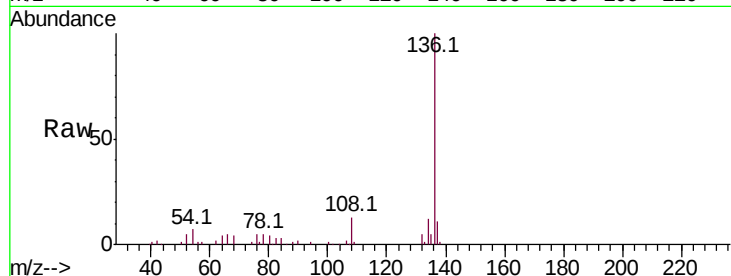




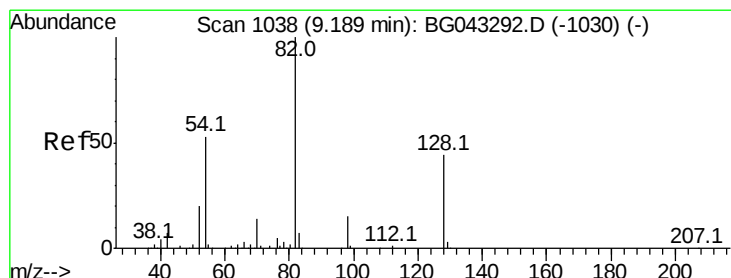
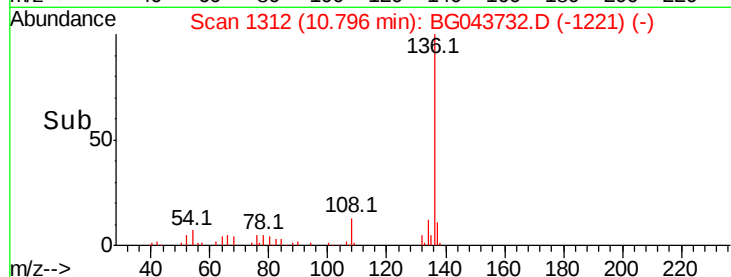
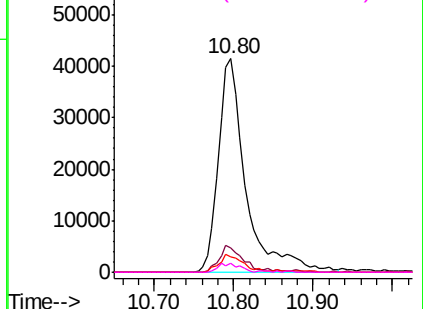
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

Instrument :
BNA_G
ClientSampleId :
1-(10-12)

Tot Ion:136	Resp:	99649
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.8 13.2
54	7.2	6.2 9.2
68	4.4	3.4 5.0

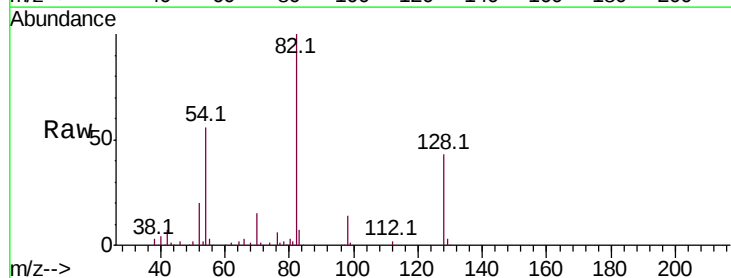


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

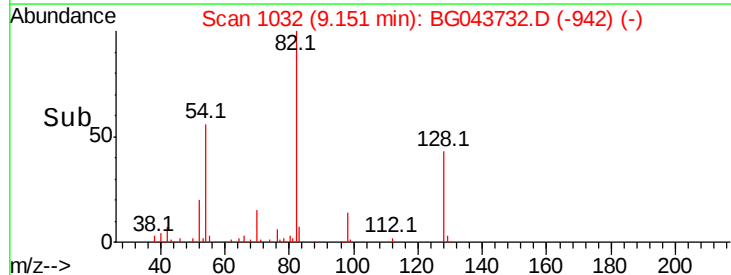
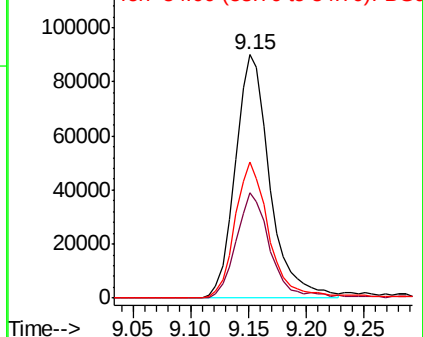


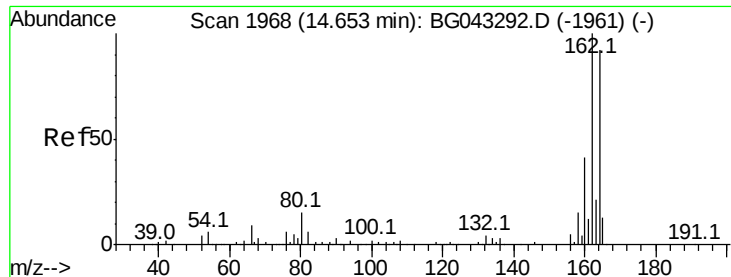
#23
Nitrobenzene-d5
Concen: 96.670 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

Tgt Ion: 82	Resp:	186852
Ion	Ratio	Lower Upper
82	100	
128	43.4	34.2 51.4
54	56.1	44.7 67.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

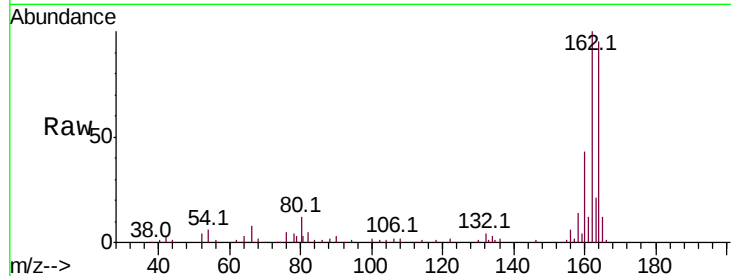




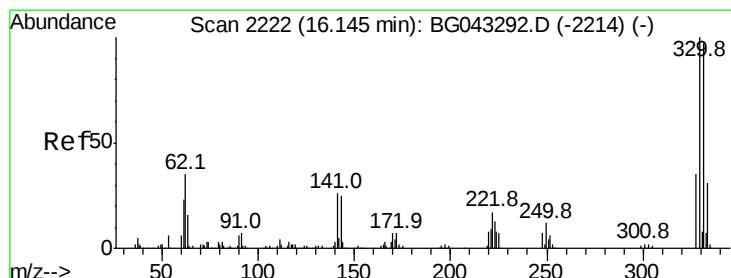
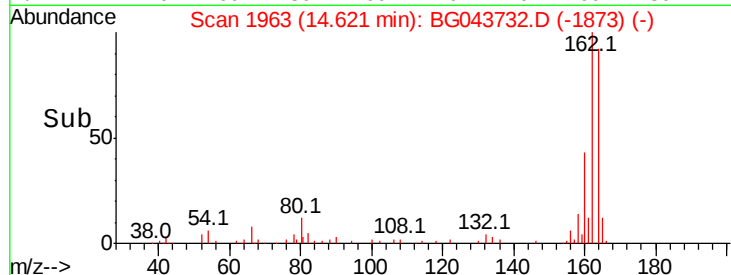
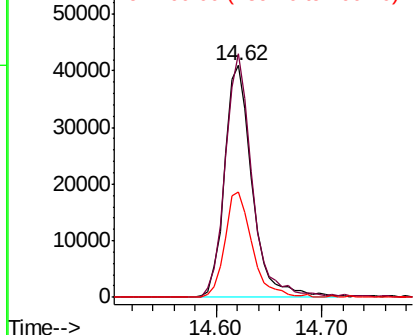
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

Instrument :
BNA_G
ClientSampleId :
1-(10-12)

Tot Ion:164 Resp: 74045
Ion Ratio Lower Upper
164 100
162 105.2 79.4 119.2
160 45.5 36.3 54.5

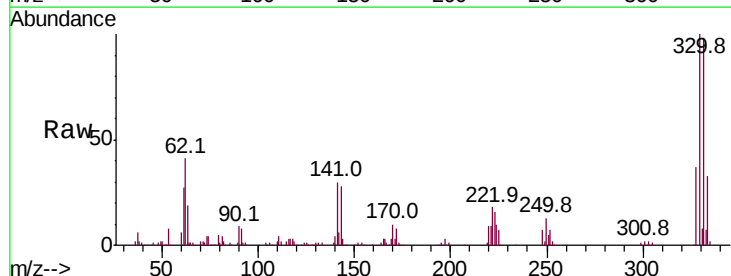


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

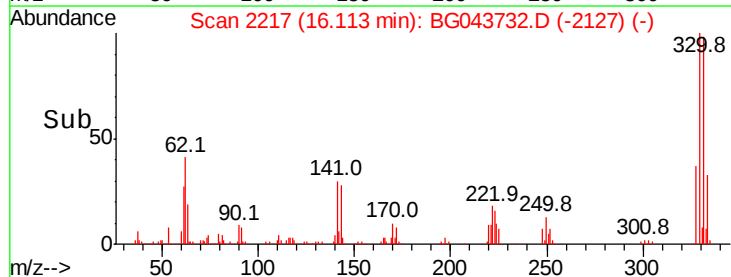
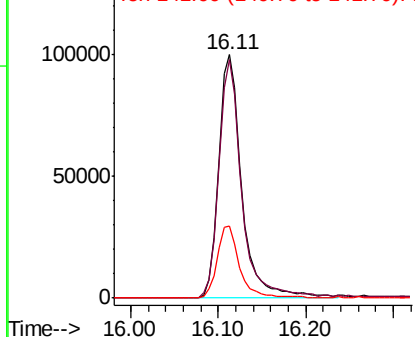


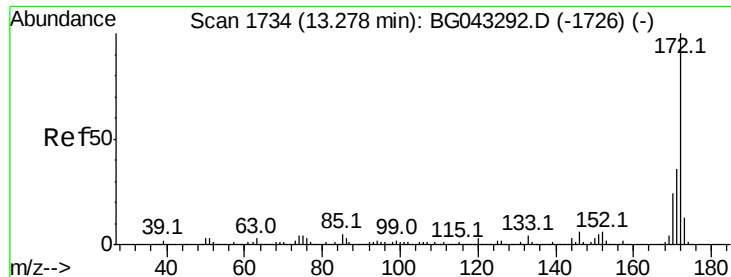
#42
2,4,6-Tribromophenol
Concen: 130.375 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

Tgt Ion:330 Resp: 183708
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 28.8 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

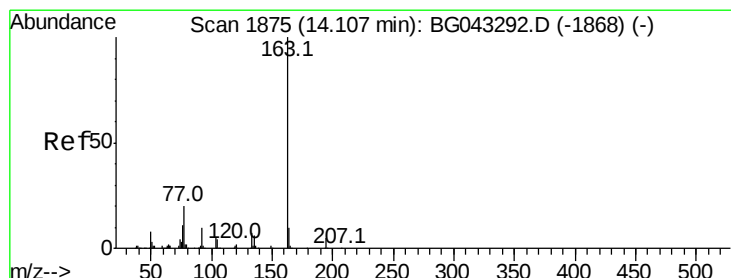
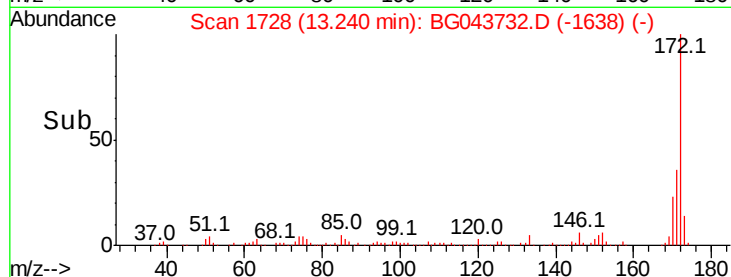
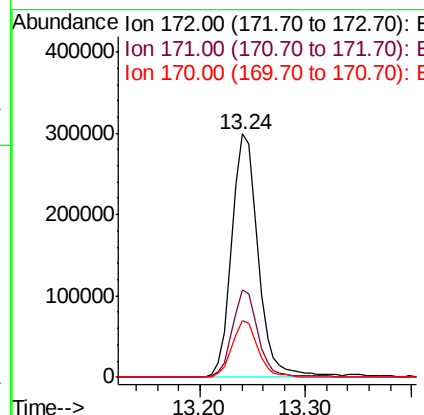
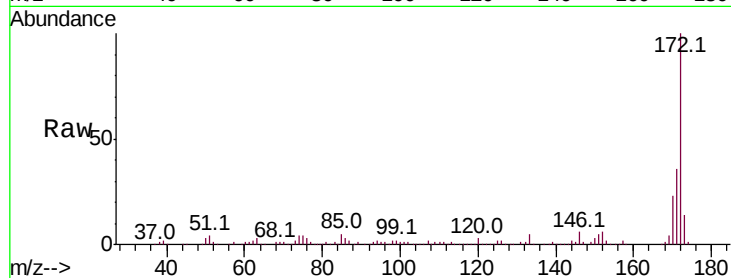




#45
2-Fluorobiphenyl
Concen: 96.722 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

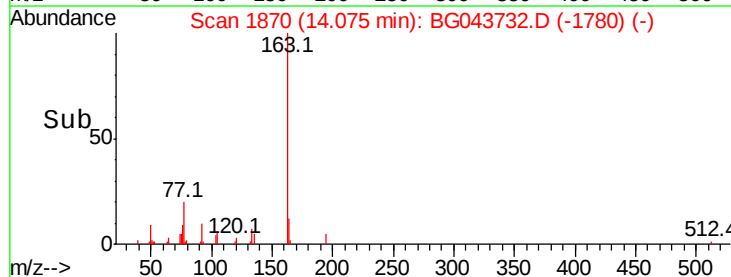
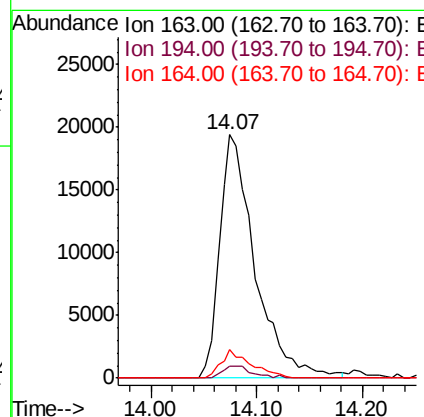
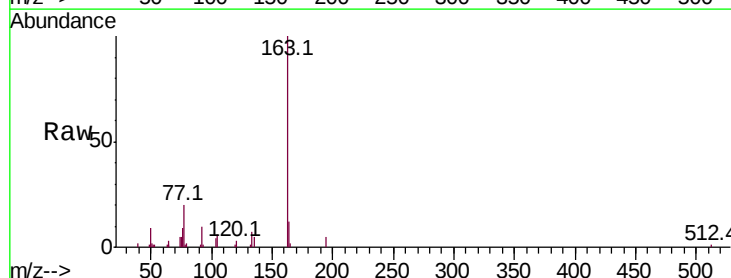
Instrument :
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1-(10-12)

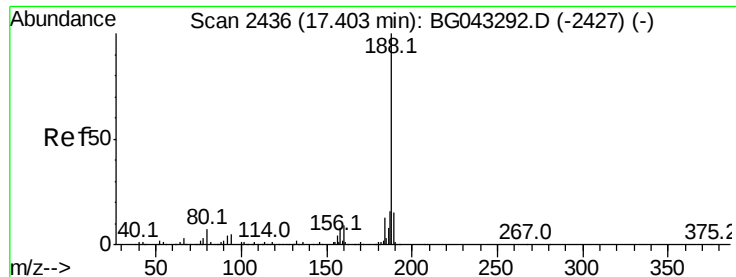
Tot Ion:172 Resp: 518291
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.1 18.8 28.2



#50
Dimethylphthalate
Concen: 7.906 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

Tgt Ion:163 Resp: 45345
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.8
164 11.7 8.5 12.7

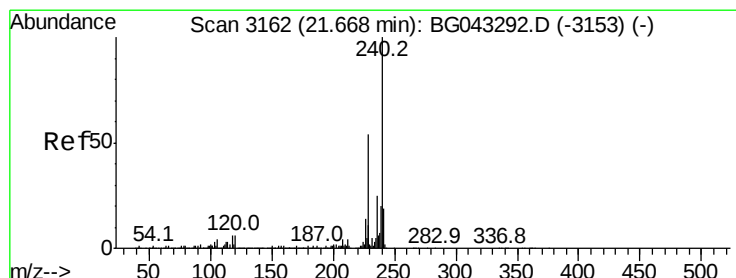
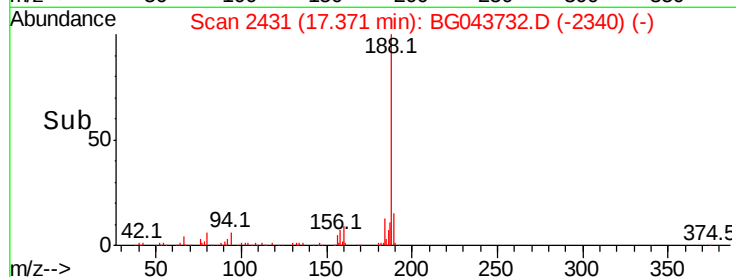
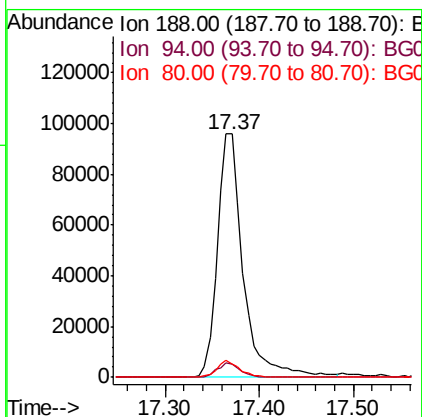
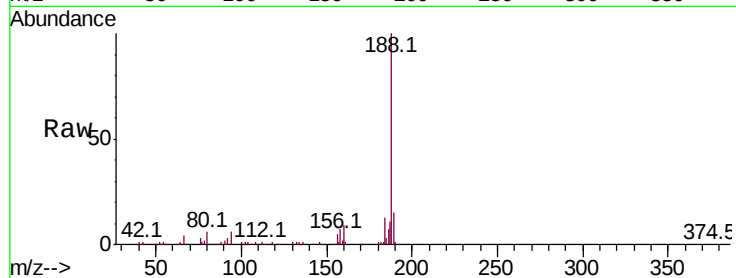




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BG043732.D
 Acq: 20 Nov 2019 17:51

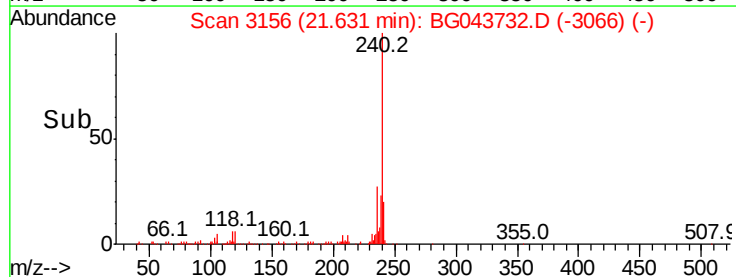
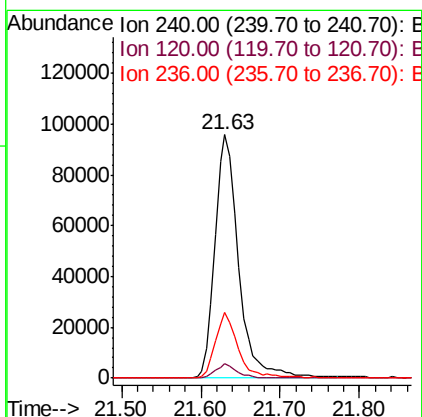
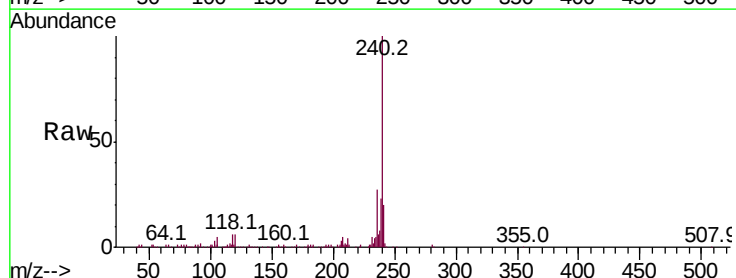
Instrument :
 BNA_G
 ClientSampleId :
 1-(10-12)

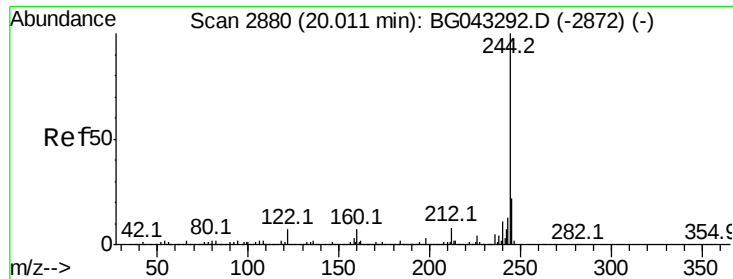
Tot Ion:188 Resp: 183364
 Ion Ratio Lower Upper
 188 100
 94 5.5 4.6 7.0
 80 5.6 5.2 7.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG043732.D
 Acq: 20 Nov 2019 17:51

Tgt Ion:240 Resp: 198478
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.9 7.3
 236 27.2 21.4 32.0





#79

Terphenyl-d14

Concen: 103.253 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

Instrument :

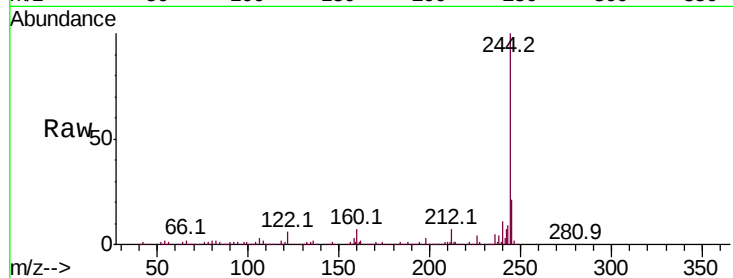
BNA_G

ClientSampleId :

1-(10-12)

Tot Ion:244 Resp: 1092369

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	6.3	5.2	7.8

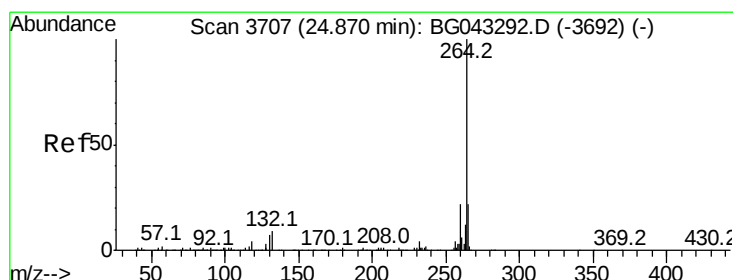
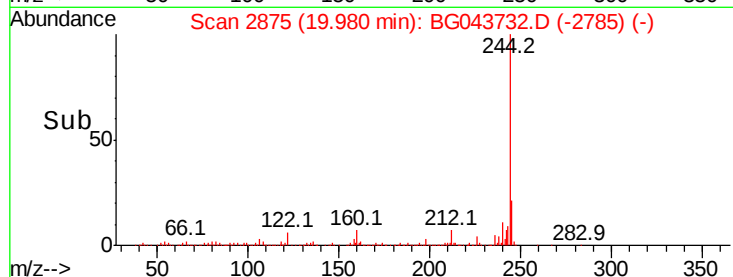
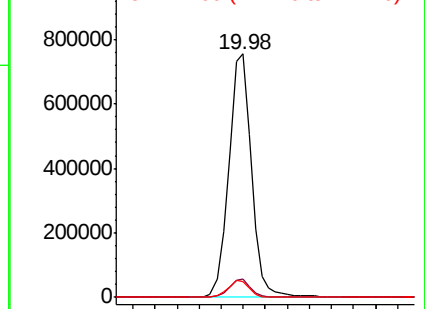


Abundance

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

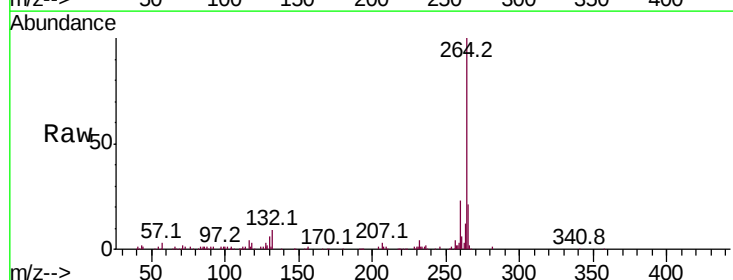
Delta R.T. -0.01 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

Tgt Ion:264 Resp: 225676

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.1	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

