

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043220.D
 Acq On : 15 Oct 2019 15:59
 Operator : JU
 Sample : K5325-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-10-B

Quant Time: Oct 16 01:44:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

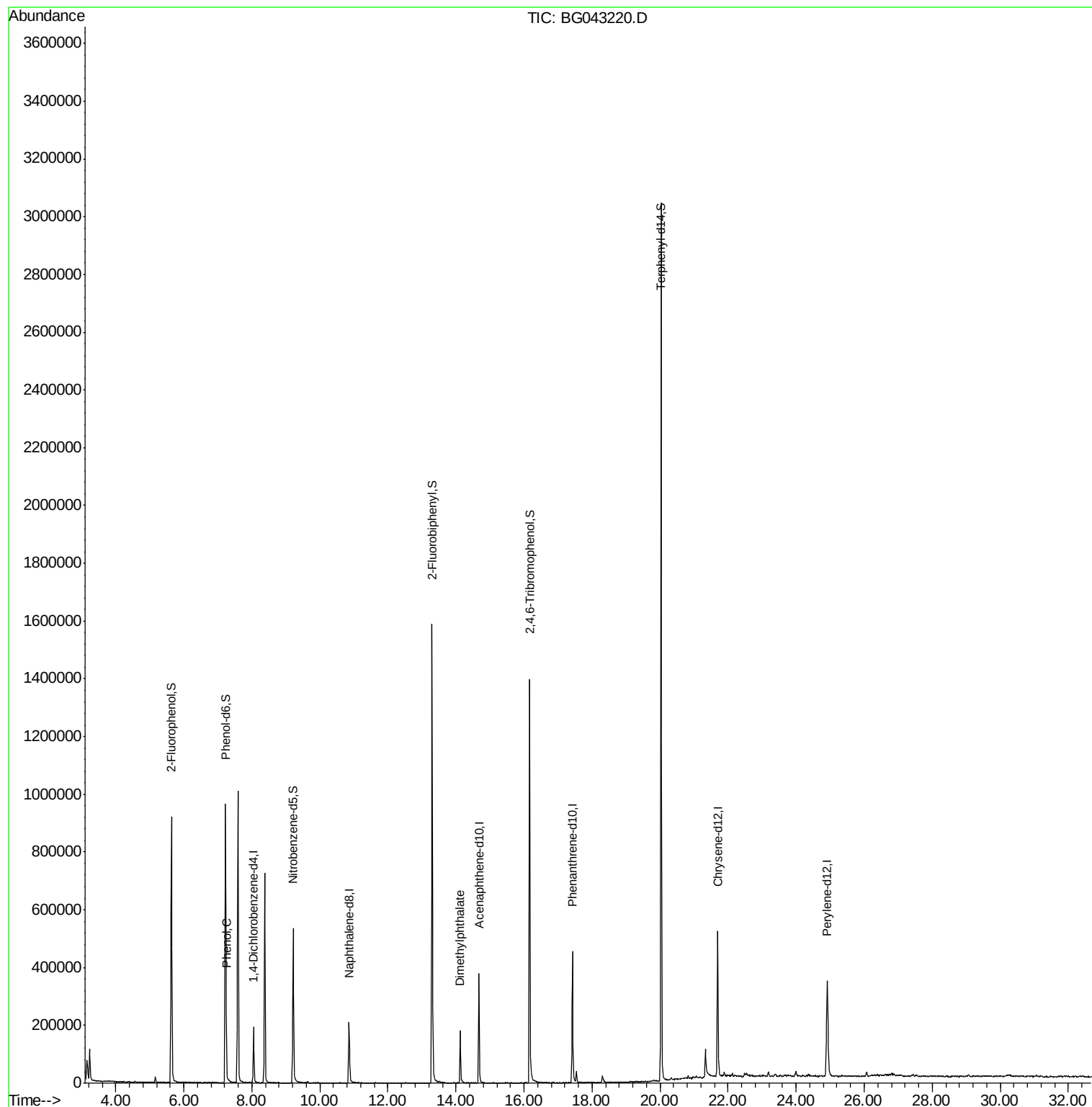
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56572	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	201320	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	155707	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	337945	20.00	ng	0.00
76) Chrysene-d12	21.69	240	351138	20.00	ng	0.00
87) Perylene-d12	24.91	264	410926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	428485	135.17	ng	0.00
7) Phenol-d6	7.23	99	614117	134.53	ng	0.00
23) Nitrobenzene-d5	9.21	82	371327	89.65	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	349761	130.63	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	951913	88.63	ng	0.00
79) Terphenyl-d14	20.03	244	1593893	96.73	ng	0.00
Target Compounds						
10) Phenol	7.25	94	16402	3.916	ng	93
50) Dimethylphthalate	14.13	163	145323	12.456	ng	97

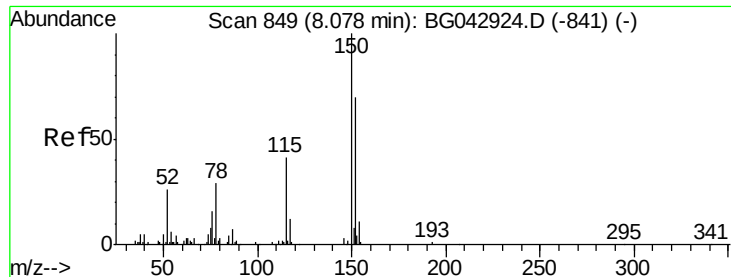
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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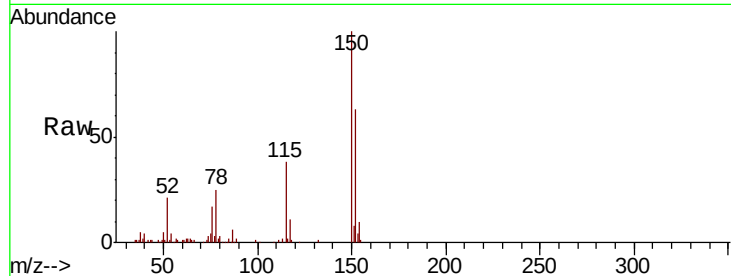


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043220.D
Acq: 15 Oct 2019 15:59

Instrument :
BNA_G
ClientSampleId :
10-10-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	115.0	172.4
115	60.0	47.0	70.6

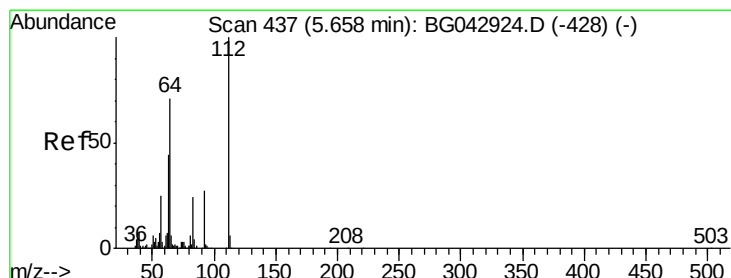
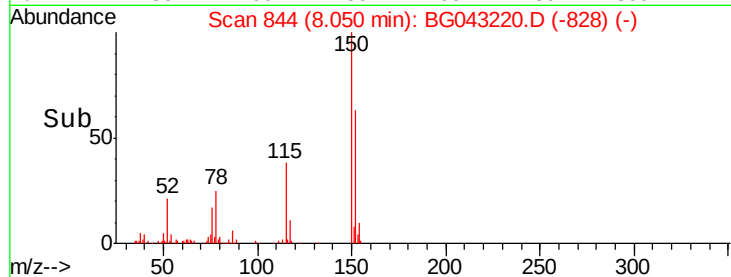
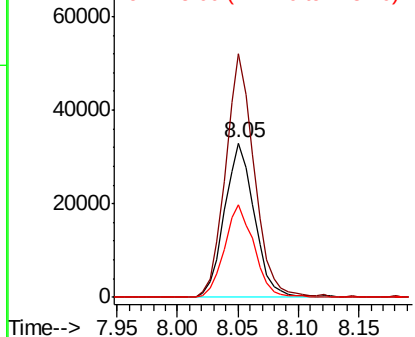


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

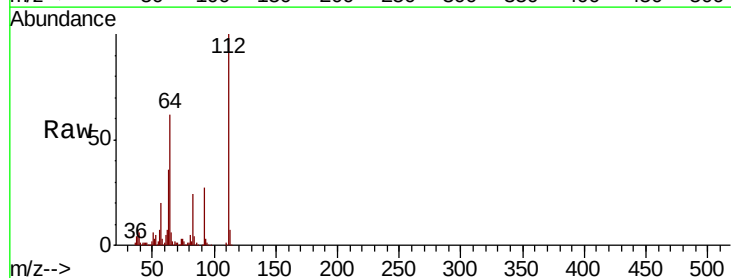
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.170 ng
RT: 5.64 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG043220.D
Acq: 15 Oct 2019 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.6	84.8
63	35.8	35.1	52.7

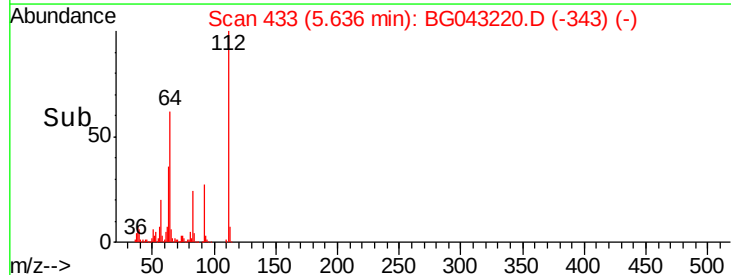
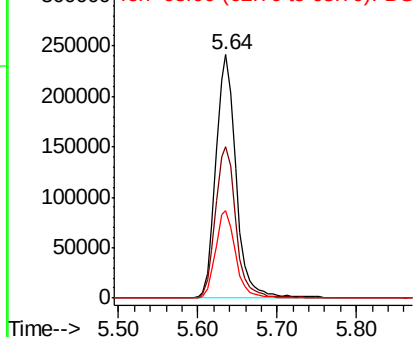


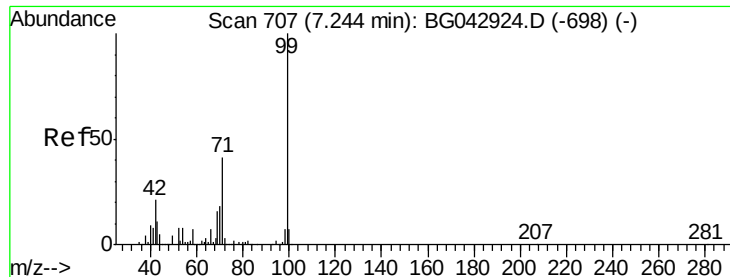
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 134.529 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG043220.D

Acq: 15 Oct 2019 15:59

Instrument :

BNA_G

ClientSampleId :

10-10-B

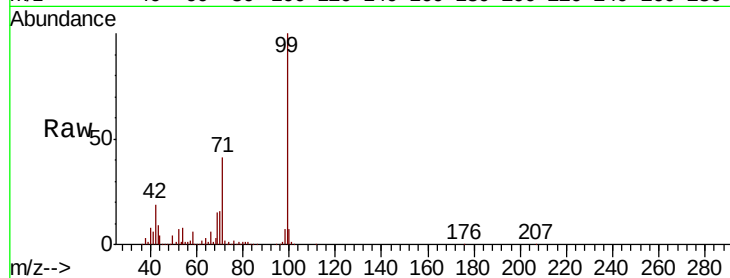
Tot Ion: 99 Resp: 614117

Ion Ratio Lower Upper

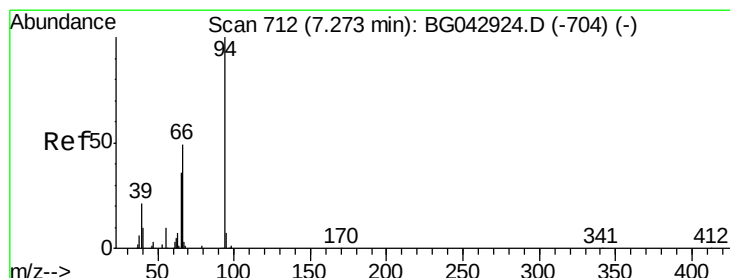
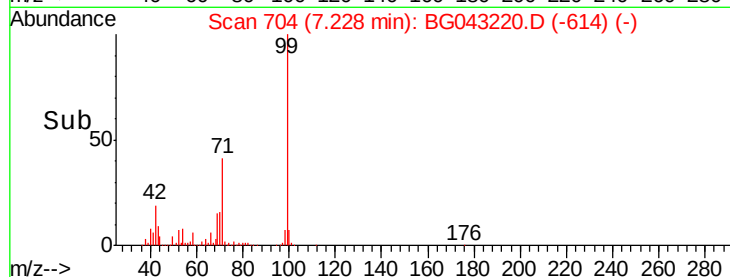
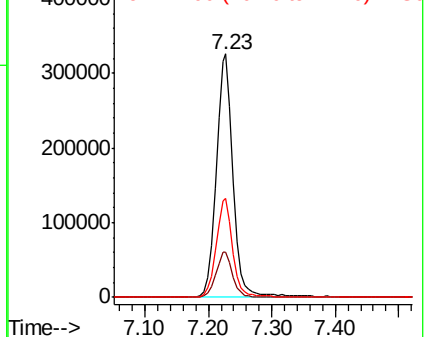
99 100

42 18.6 17.2 25.8

71 40.6 33.1 49.7



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: 3.916 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG043220.D

Acq: 15 Oct 2019 15:59

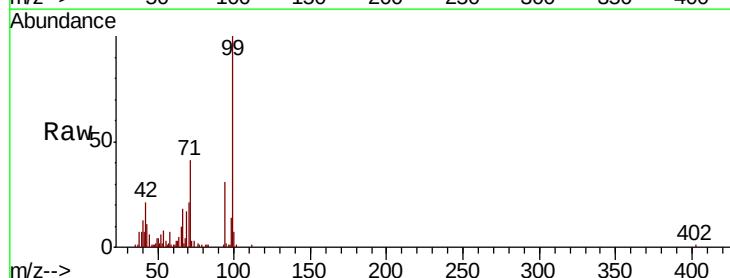
Tgt Ion: 94 Resp: 16402

Ion Ratio Lower Upper

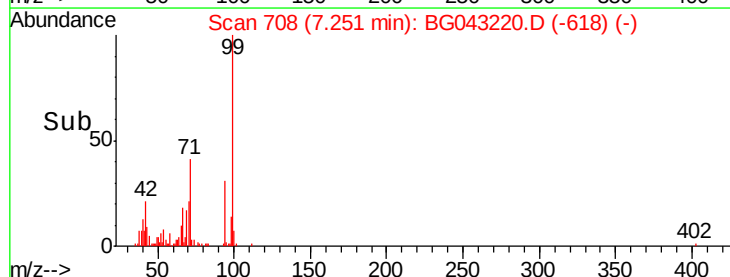
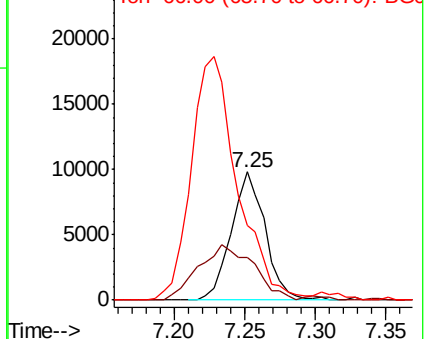
94 100

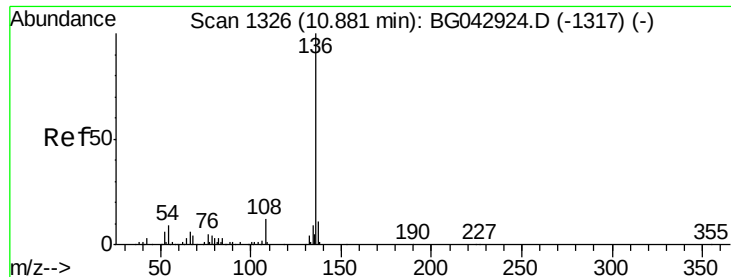
65 33.4 16.6 56.6

66 58.7 32.4 72.4



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

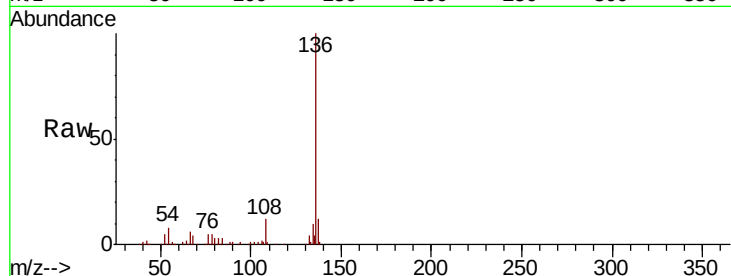




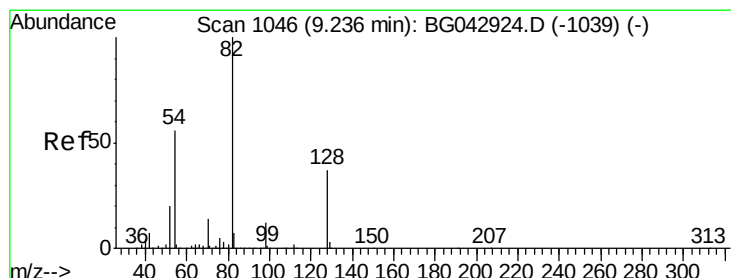
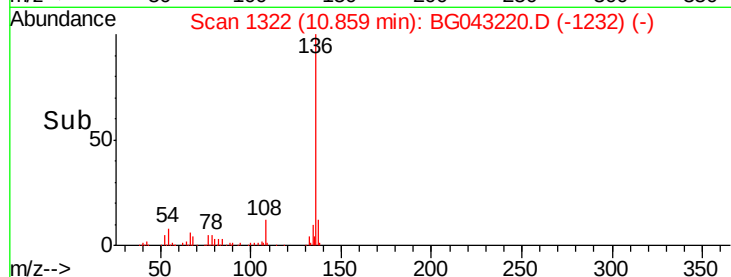
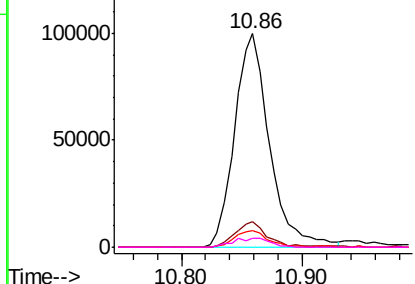
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043220.D
Acq: 15 Oct 2019 15:59

Instrument :
BNA_G
ClientSampleId :
10-10-B

Tot Ion:136	Resp:	201320
Ion Ratio	Lower	Upper
136 100		
137 12.2	8.5	12.7
54 8.0	7.4	11.2
68 4.4	3.6	5.4

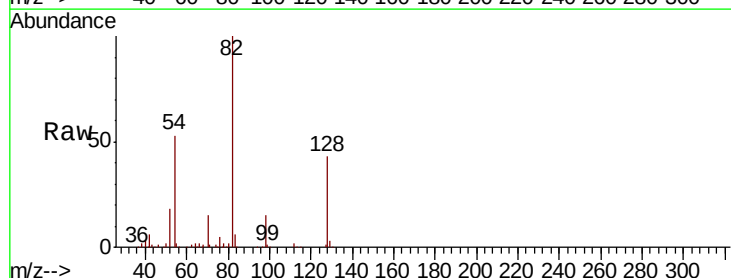


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

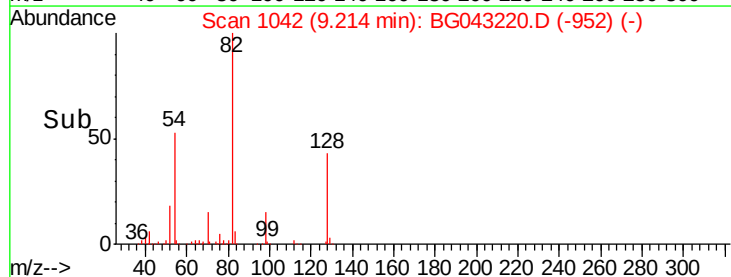
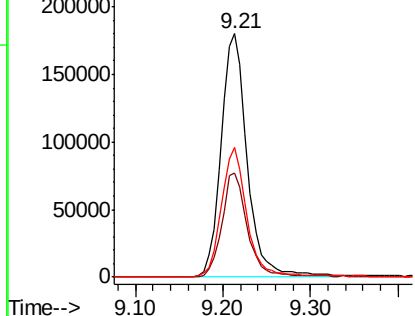


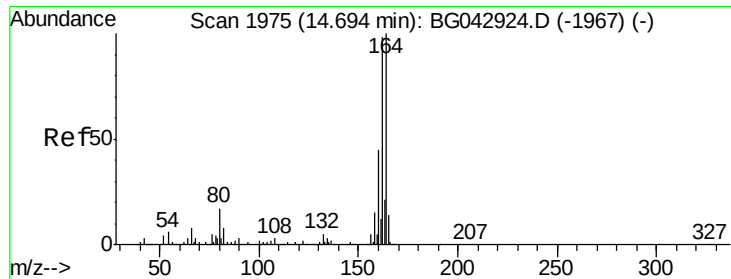
#23
Nitrobenzene-d5
Concen: 89.650 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG043220.D
Acq: 15 Oct 2019 15:59

Tgt Ion: 82	Resp: 371327
Ion Ratio	Lower Upper
82 100	
128 42.8	29.5 44.3
54 53.1	44.6 67.0



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

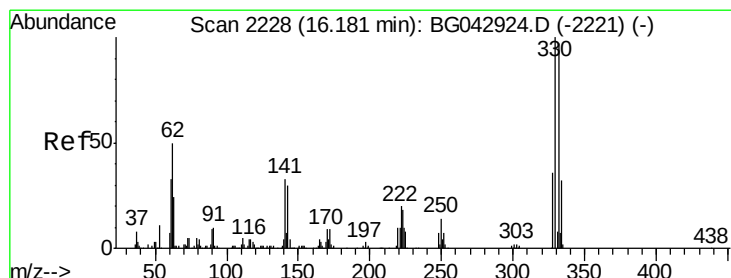
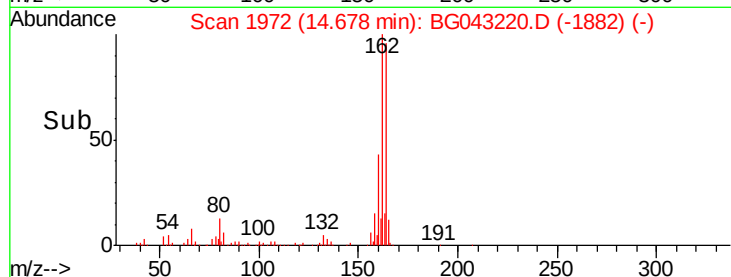
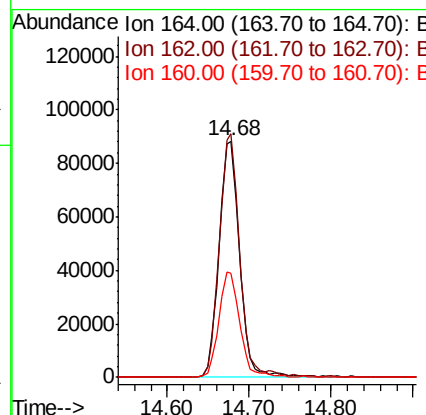
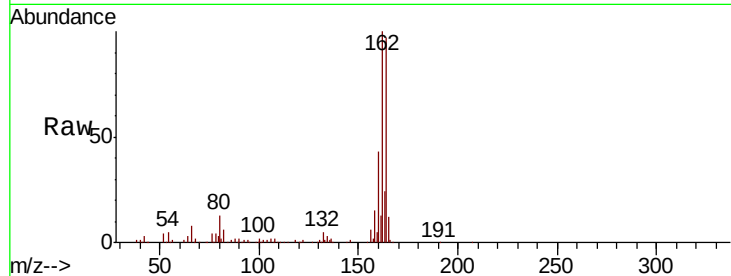




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG043220.D
Acq: 15 Oct 2019 15:59

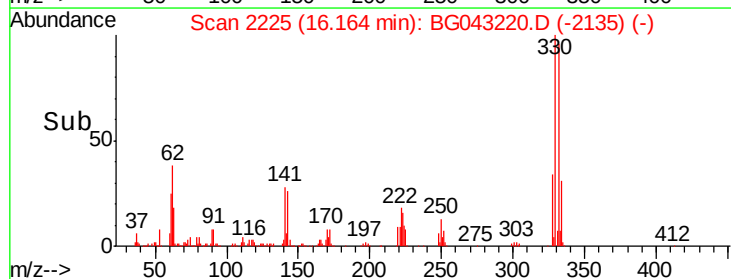
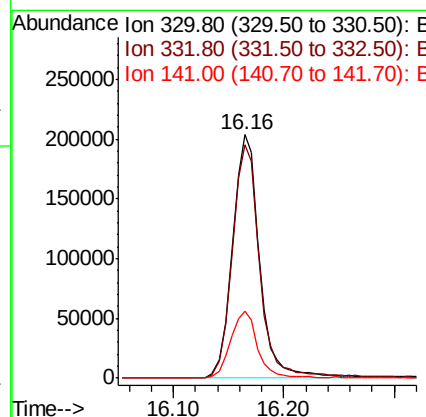
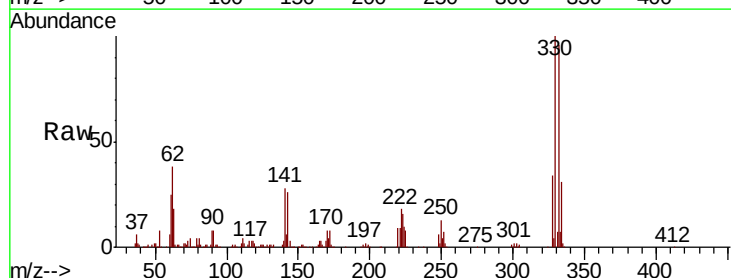
Instrument :
BNA_G
ClientSampleId :
10-10-B

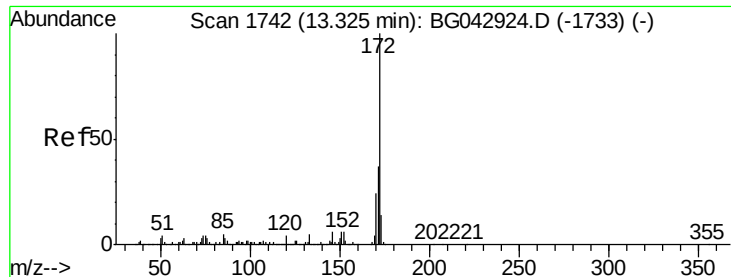
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.5	117.7
160	44.4	35.9	53.9



#42
2,4,6-Tribromophenol
Concen: 130.631 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG043220.D
Acq: 15 Oct 2019 15:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.2
141	27.4	26.0	39.0

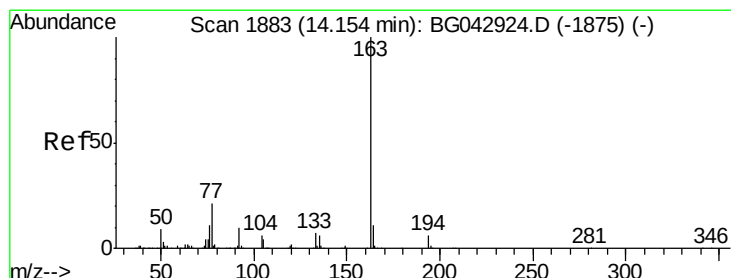
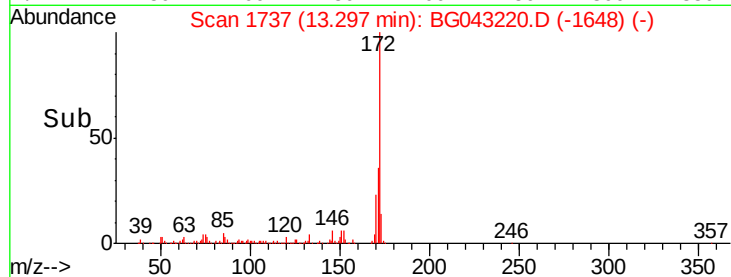
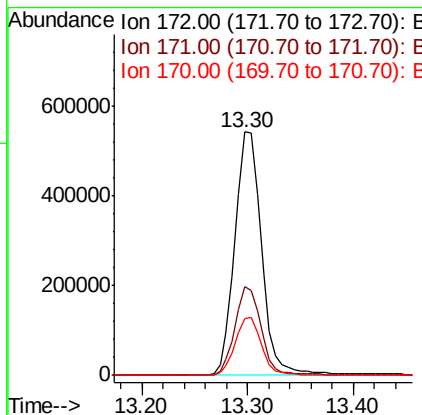
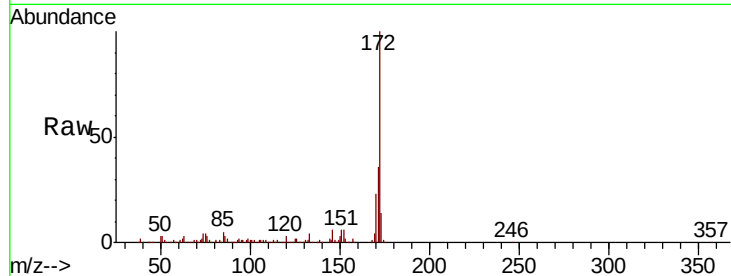




#45
2-Fluorobiphenyl
Concen: 88.627 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG043220.D
Acq: 15 Oct 2019 15:59

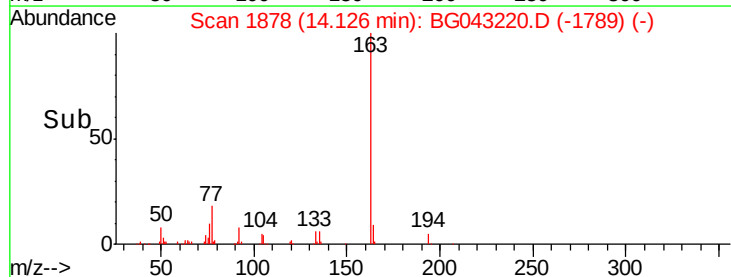
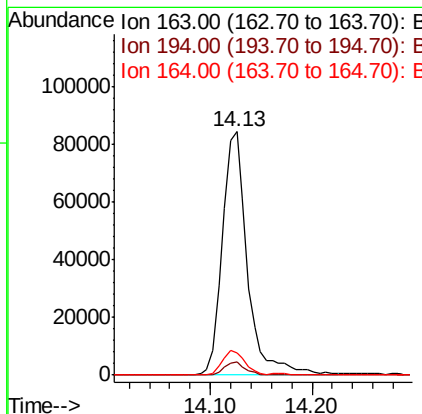
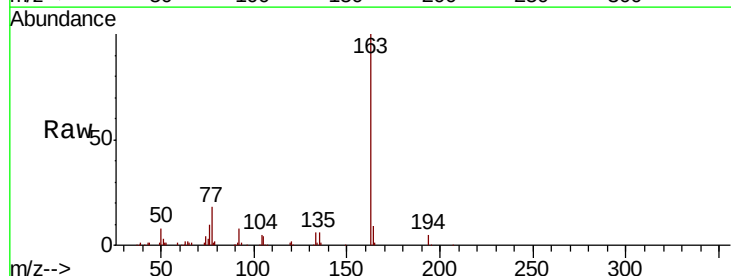
Instrument :
BNA_G
ClientSampleId :
10-10-B

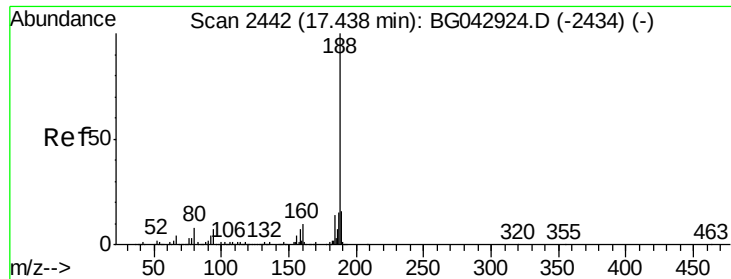
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.5	19.6	29.4



#50
Dimethylphthalate
Concen: 12.456 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043220.D
Acq: 15 Oct 2019 15:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.4	6.6
164	9.3	8.6	12.8

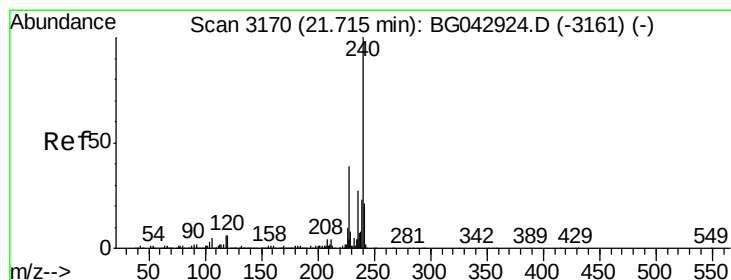
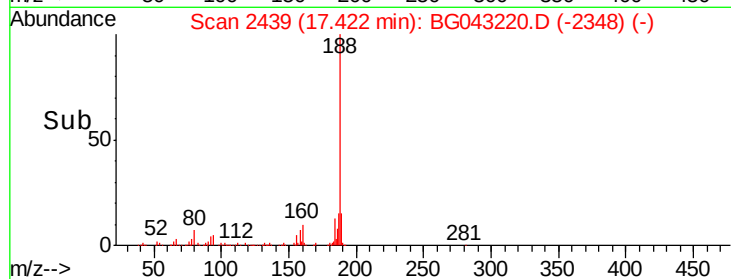
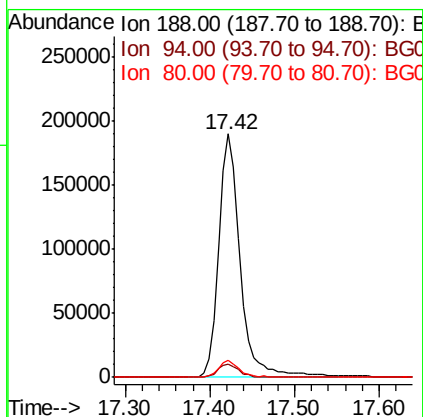
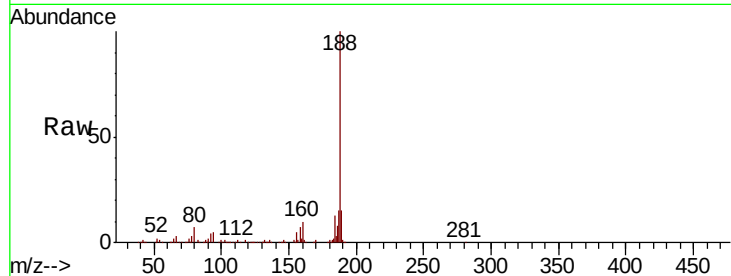




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043220.D
Acq: 15 Oct 2019 15:59

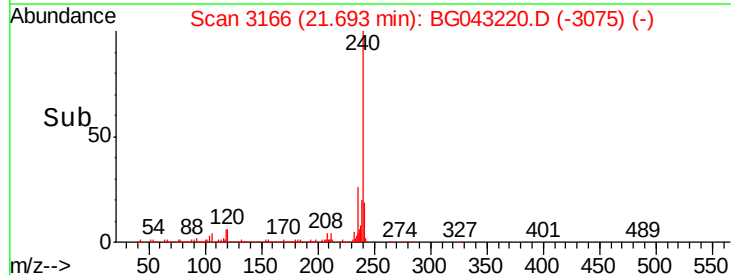
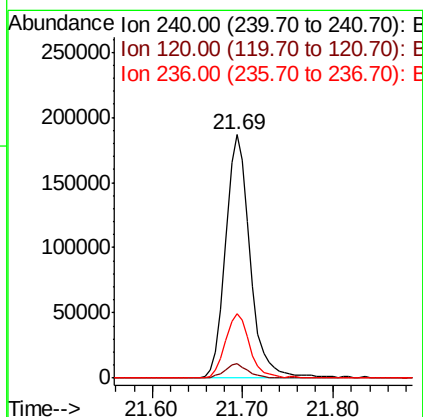
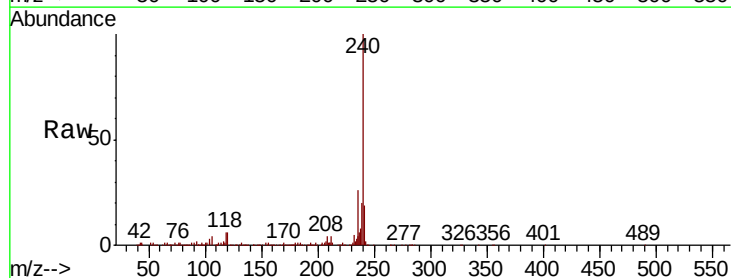
Instrument :
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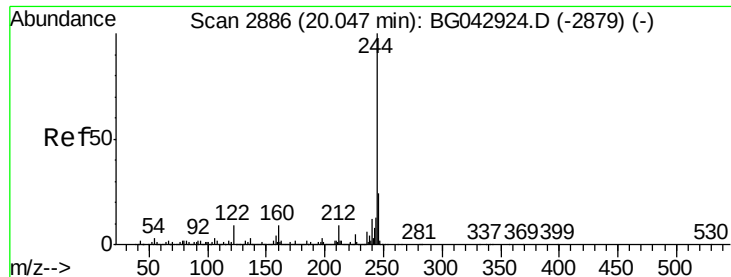
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	6.9	6.5	9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BG043220.D
Acq: 15 Oct 2019 15:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.8	7.2
236	26.3	21.4	32.0





#79

Terphenyl-d14

Concen: 96.725 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043220.D

Acq: 15 Oct 2019 15:59

Instrument :

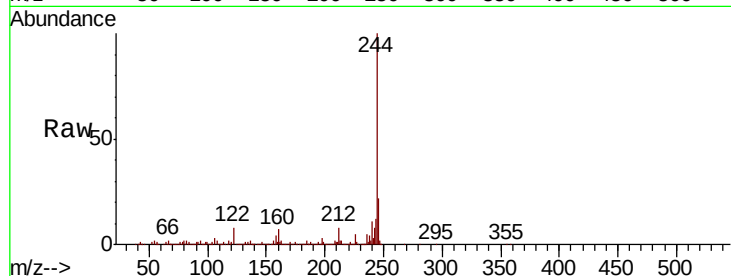
BNA_G

ClientSampled :

10-10-B

Tot Ion:244 Resp: 1593893

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.4	11.0
122	7.6	7.0	10.4

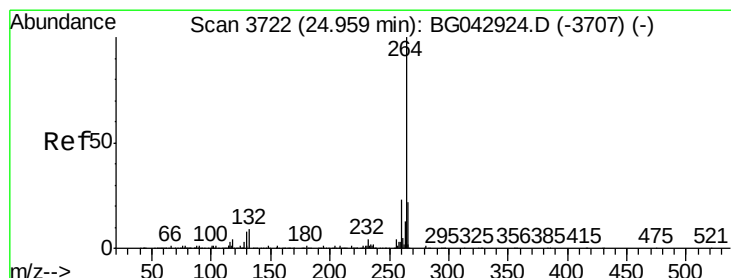
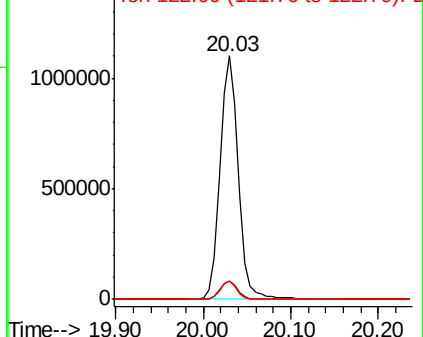
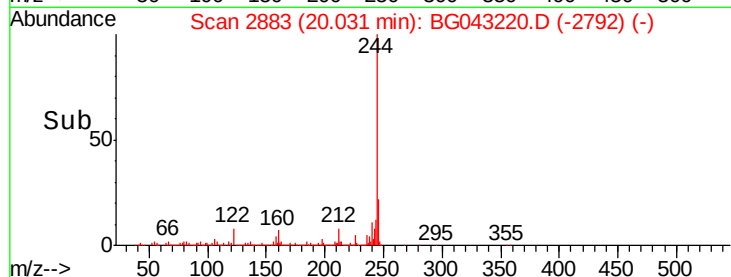


Abundance

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: 24.91 min Scan# 3714

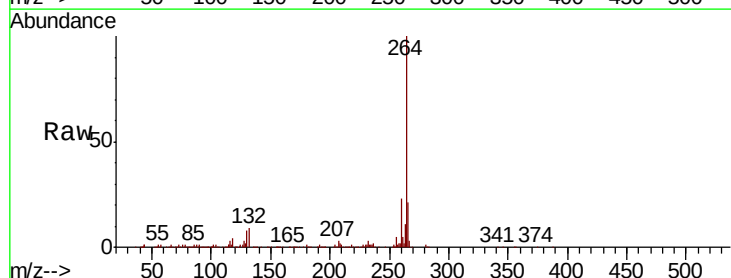
Delta R.T. 0.00 min

Lab File: BG043220.D

Acq: 15 Oct 2019 15:59

Tgt Ion:264 Resp: 410926

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	20.9	17.7	26.5



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

