

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043362.D
 Acq On : 28 Oct 2019 22:47
 Operator : JU
 Sample : K5542-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EQUIPMENT-BLANK-102419

Quant Time: Oct 29 13:44:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

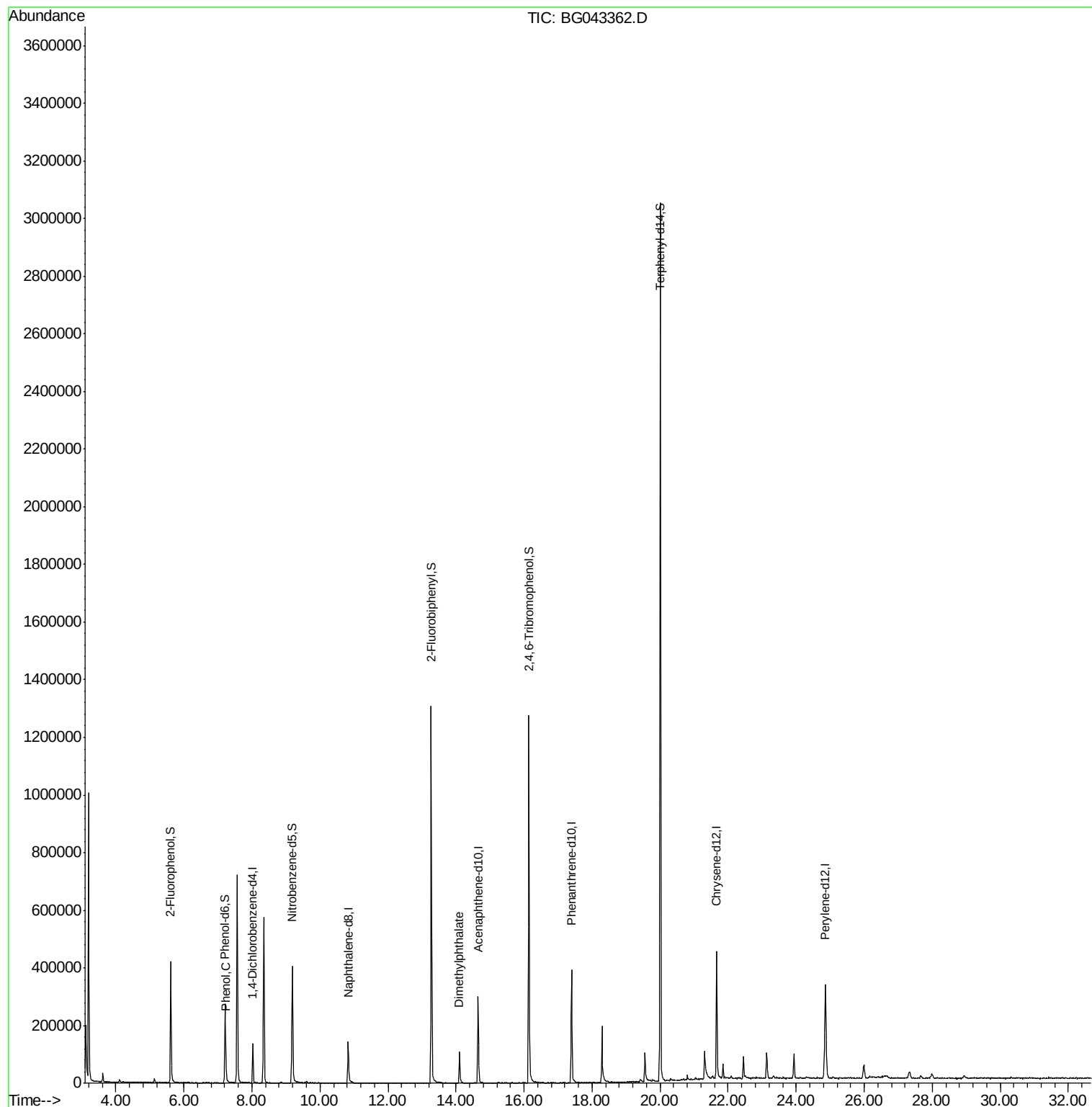
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41233	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	144931	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117120	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	278164	20.00	ng	0.00
76) Chrysene-d12	21.66	240	308453	20.00	ng	0.00
87) Perylene-d12	24.86	264	355957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	203974	90.65	ng	0.01
7) Phenol-d6	7.21	99	181272	55.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	281252	100.05	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	305814	137.21	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	790583	93.27	ng	0.00
79) Terphenyl-d14	20.00	244	1536467	93.45	ng	0.00
Target Compounds						
10) Phenol	7.24	94	13600	4.597	ng	92
50) Dimethylphthalate	14.10	163	87279	9.621	ng	96

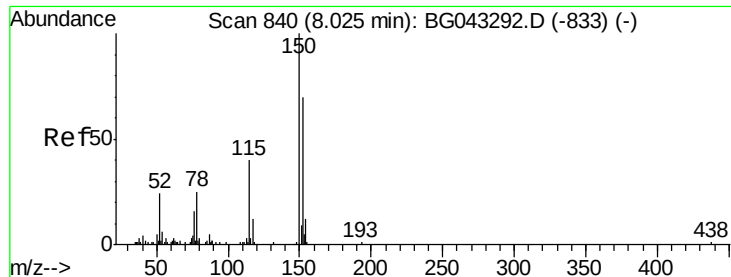
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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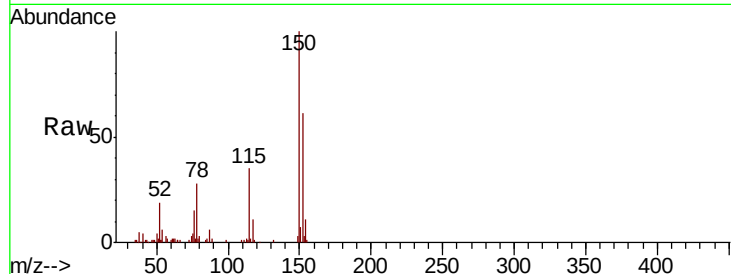


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK-102419

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	113.6	170.4
115	57.4	45.9	68.9

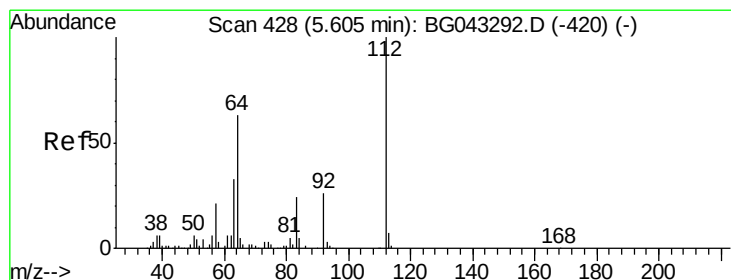
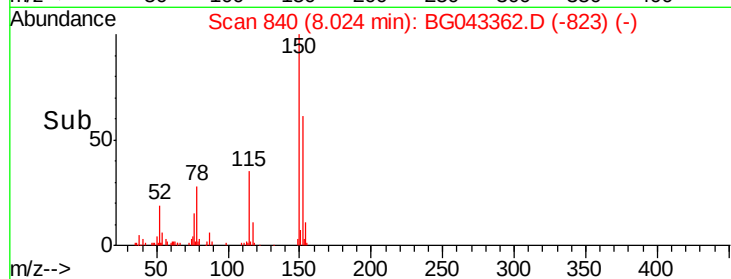
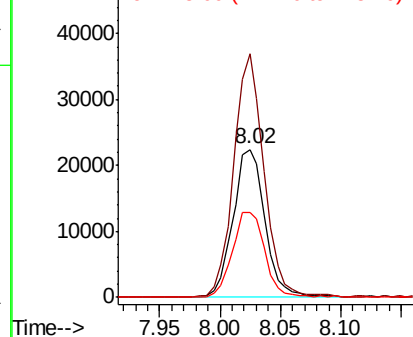


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

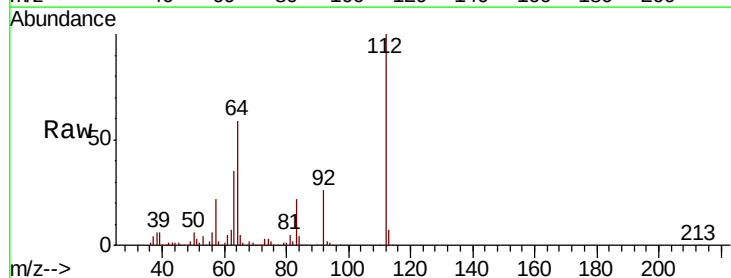
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.649 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	50.2	75.2
63	34.7	26.7	40.1

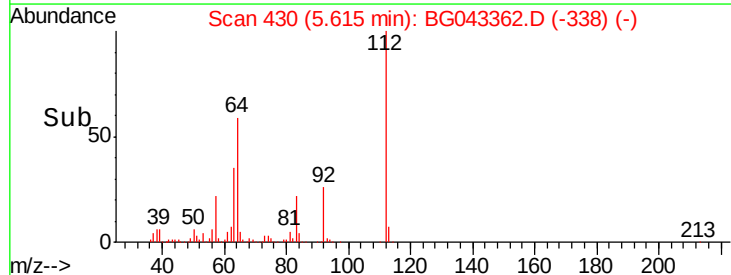
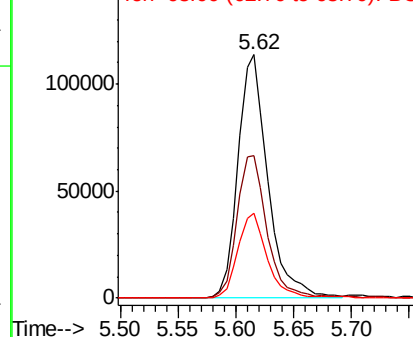


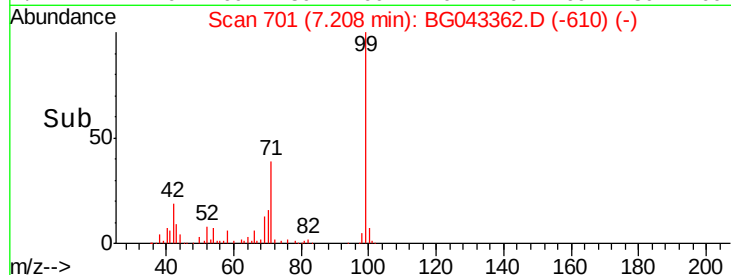
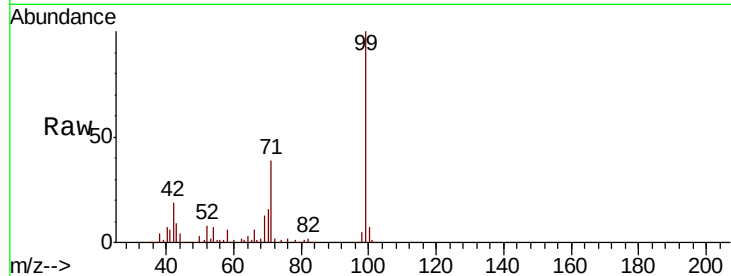
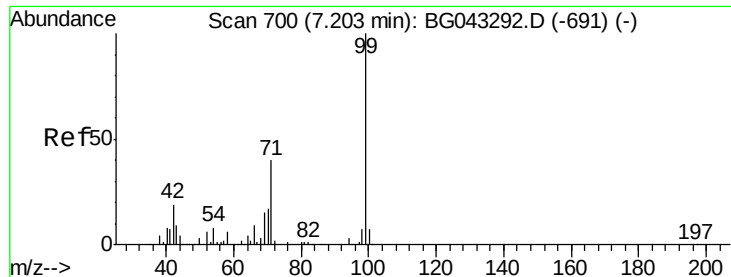
Abundance

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: 55.992 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

Instrument :

BNA_G

ClientSampleId :

EQUIPMENT-BLANK-102419

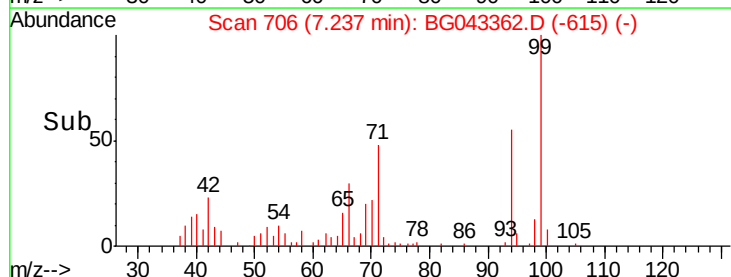
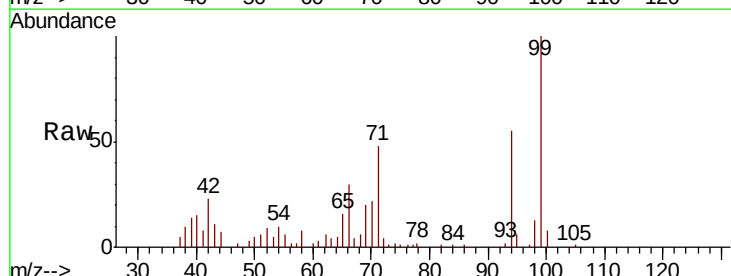
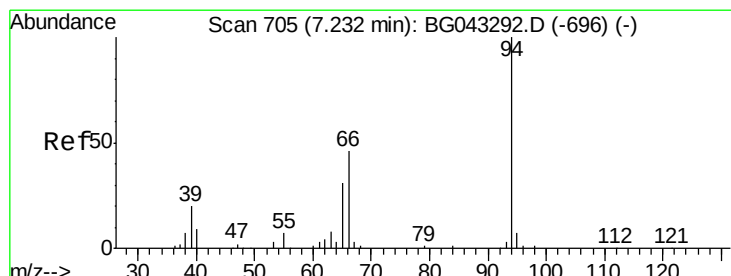
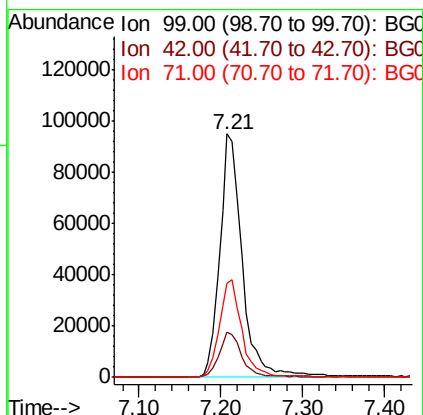
Tot Ion: 99 Resp: 181272

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

71 38.8 32.2 48.2



#10

Phenol

Concen: 4.597 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

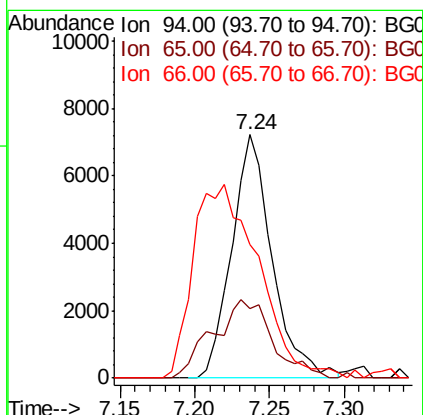
Tgt Ion: 94 Resp: 13600

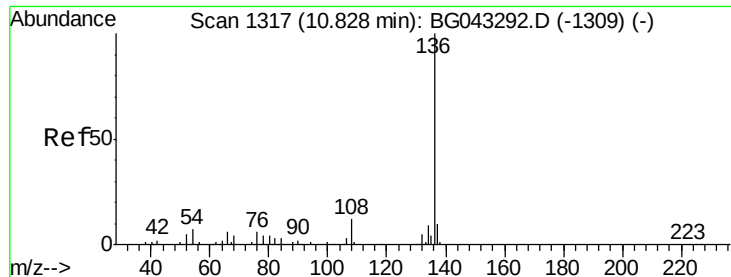
Ion Ratio Lower Upper

94 100

65 28.7 11.1 51.1

66 54.9 27.8 67.8

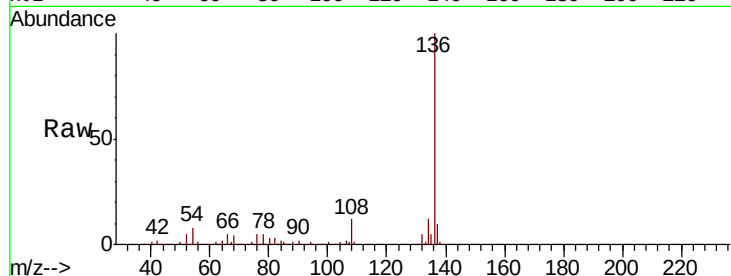




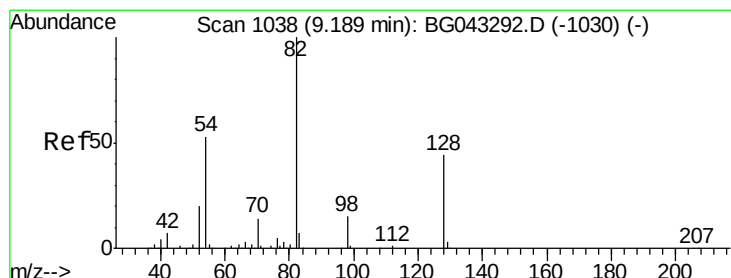
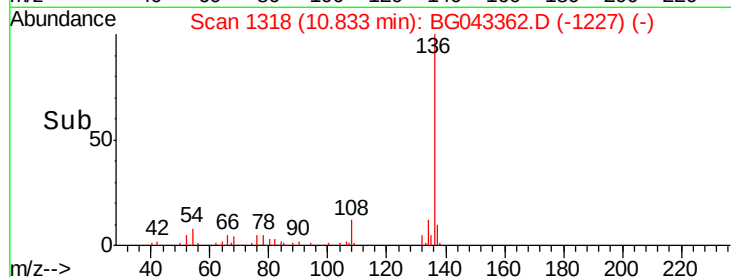
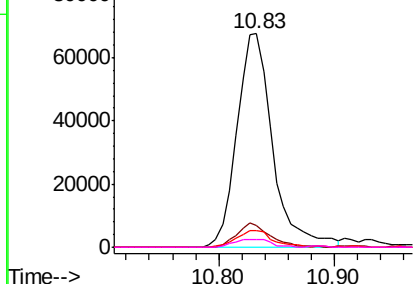
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK-102419

Tot Ion:136	Resp:	144931
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.2 12.2
54	7.5	5.4 8.2
68	3.9	3.3 4.9

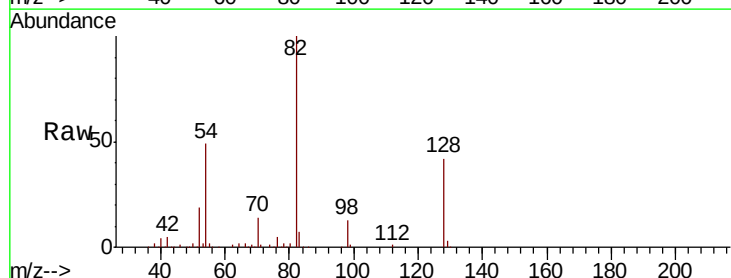


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

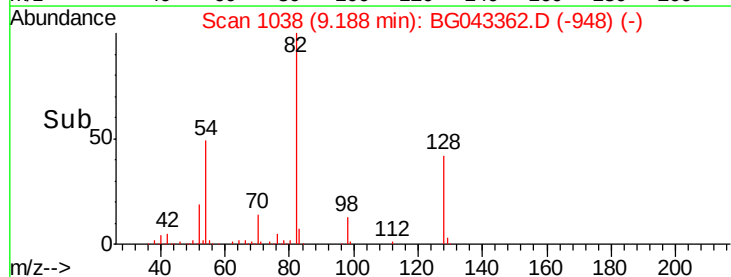
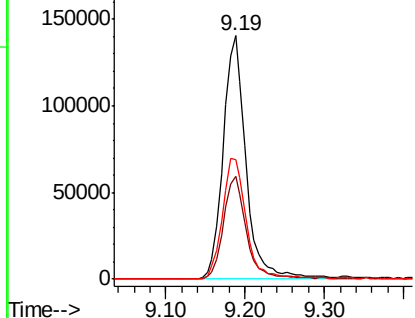


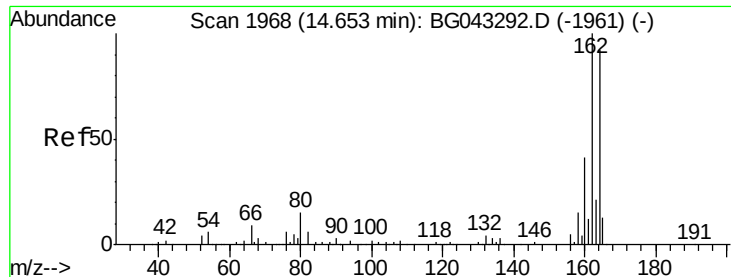
#23
Nitrobenzene-d5
Concen: 100.046 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion: 82	Resp:	281252
Ion	Ratio	Lower Upper
82	100	
128	42.2	35.3 52.9
54	49.0	42.3 63.5



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: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

Instrument :

BNA_G

ClientSampleId :

EQUIPMENT-BLANK-102419

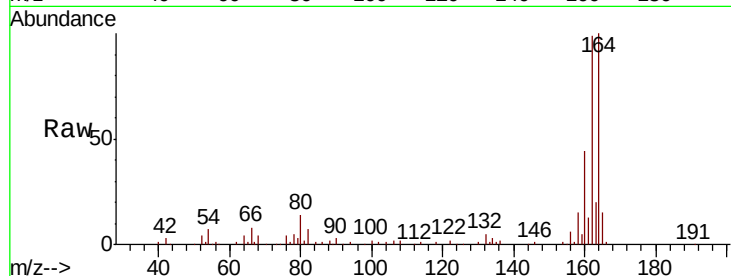
Tot Ion:164 Resp: 117120

Ion Ratio Lower Upper

164 100

162 99.3 87.0 130.4

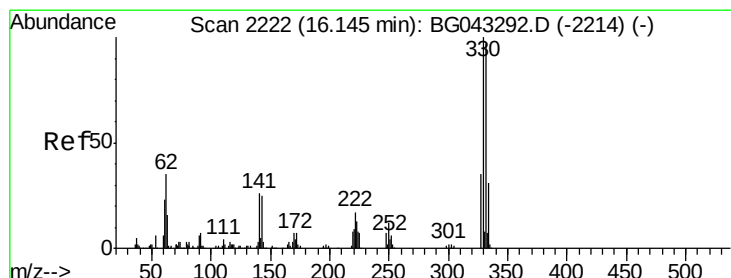
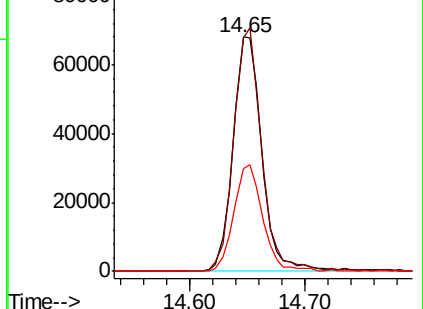
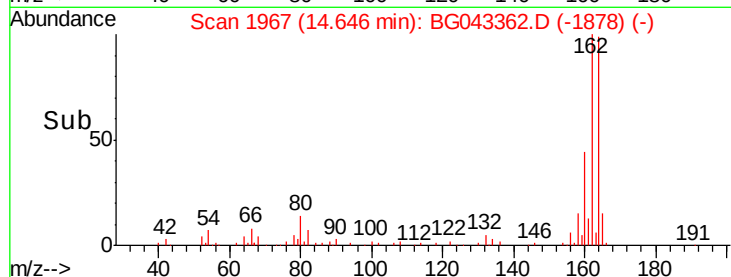
160 43.7 35.5 53.3



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: 137.210 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

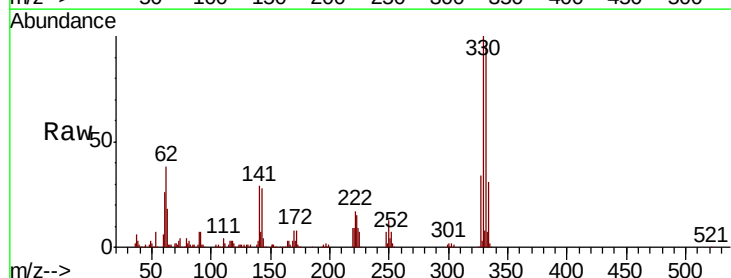
Tgt Ion:330 Resp: 305814

Ion Ratio Lower Upper

330 100

332 97.7 76.4 114.6

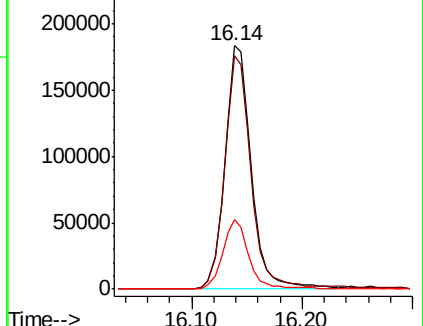
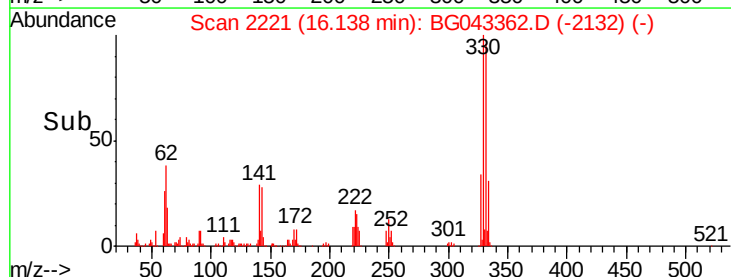
141 28.3 21.4 32.0

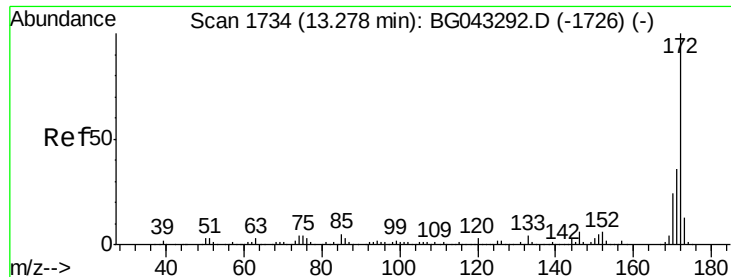


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

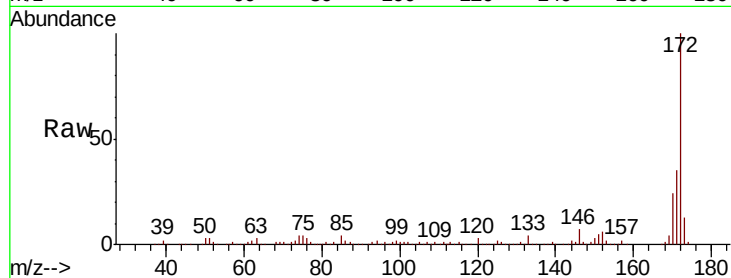




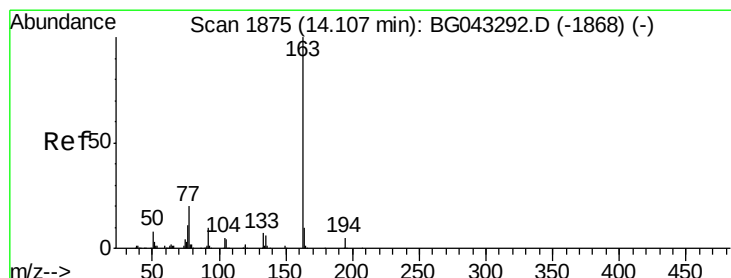
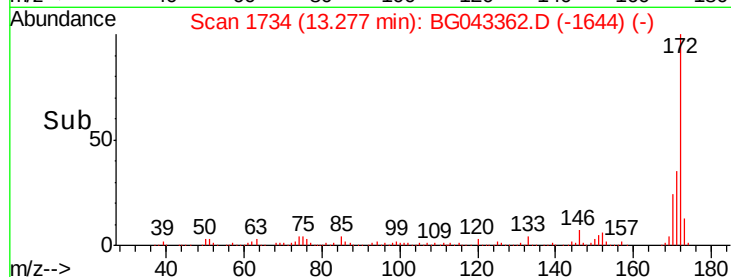
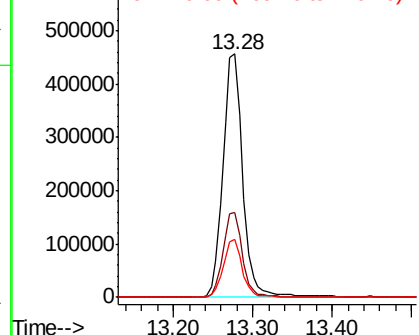
#45
2-Fluorobiphenyl
Concen: 93.274 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK-102419

Tot Ion:172 Resp: 790583
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.8 18.8 28.2

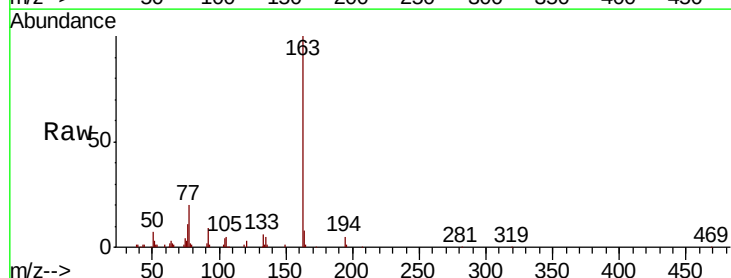


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

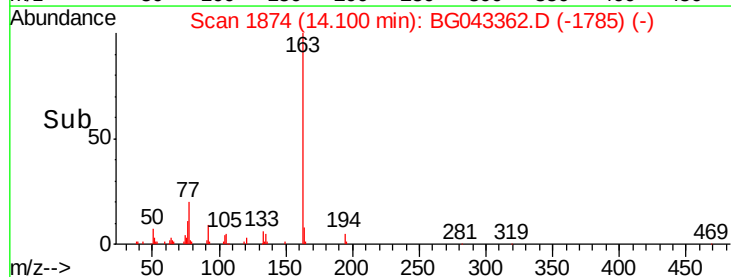
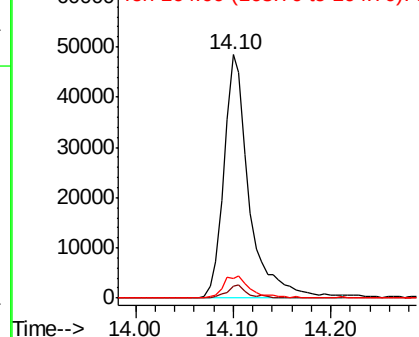


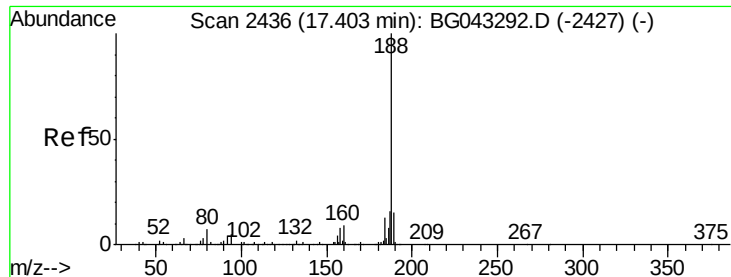
#50
Dimethylphthalate
Concen: 9.621 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion:163 Resp: 87279
Ion Ratio Lower Upper
163 100
194 4.8 3.7 5.5
164 8.3 8.1 12.1



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

Instrument :

BNA_G

ClientSampleId :

EQUIPMENT-BLANK-102419

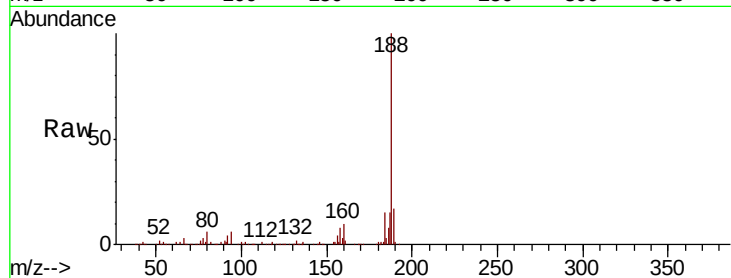
Tot Ion:188 Resp: 278164

Ion Ratio Lower Upper

188 100

94 5.8 4.2 6.2

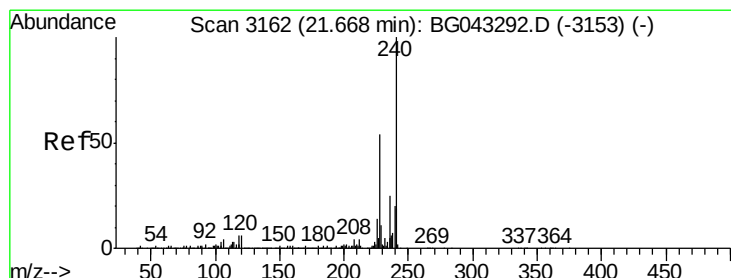
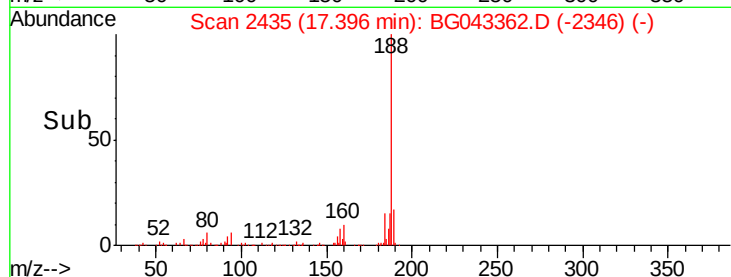
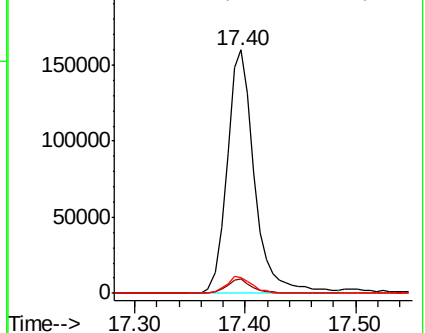
80 6.3 5.2 7.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

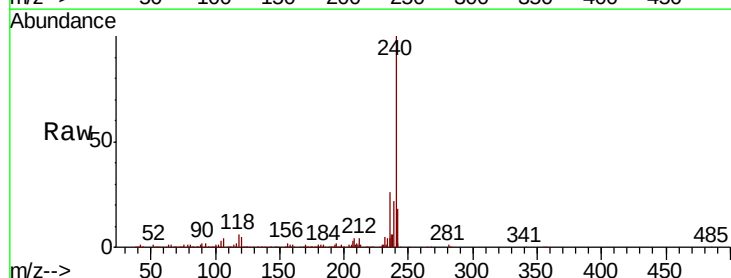
Tgt Ion:240 Resp: 308453

Ion Ratio Lower Upper

240 100

120 5.3 4.6 7.0

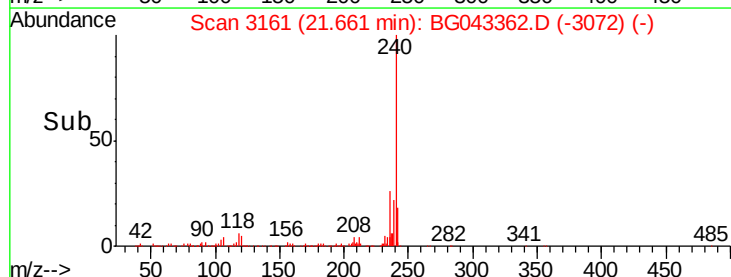
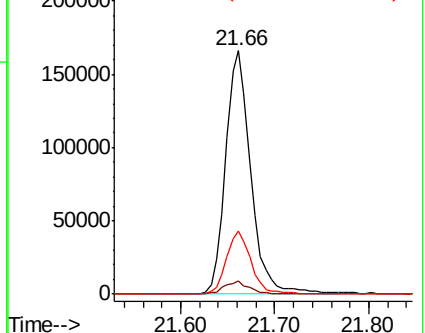
236 25.7 20.2 30.4

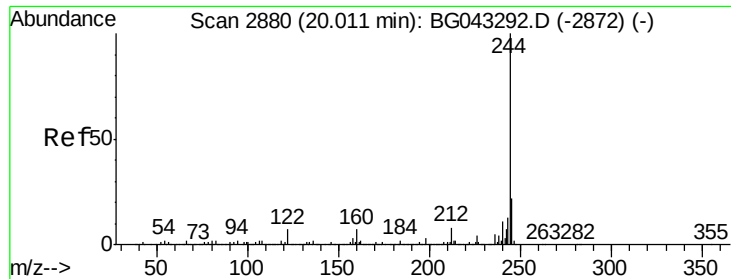


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.450 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

Instrument :

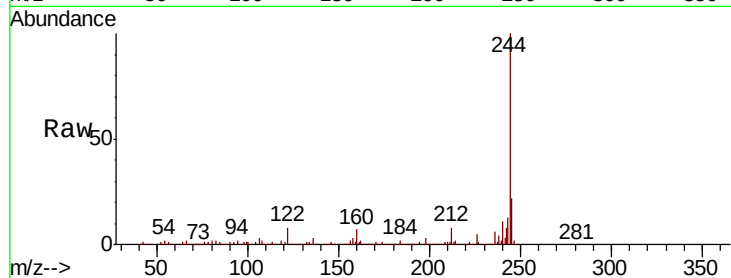
BNA_G

ClientSampleId :

EQUIPMENT-BLANK-102419

Tot Ion:244 Resp: 1536467

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	7.6	5.3	7.9

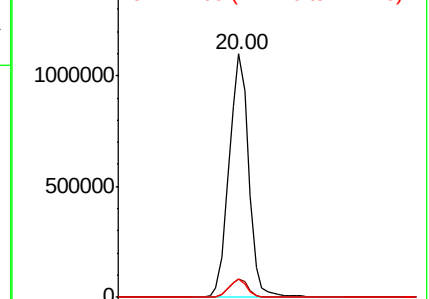
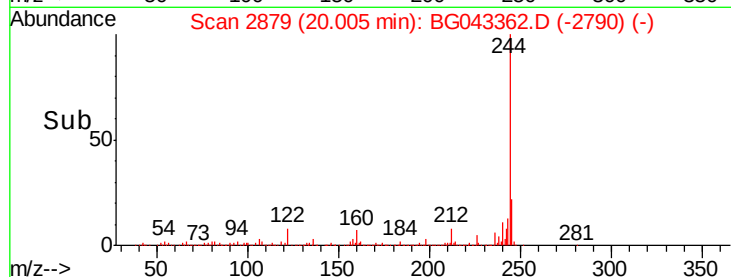


Abundance

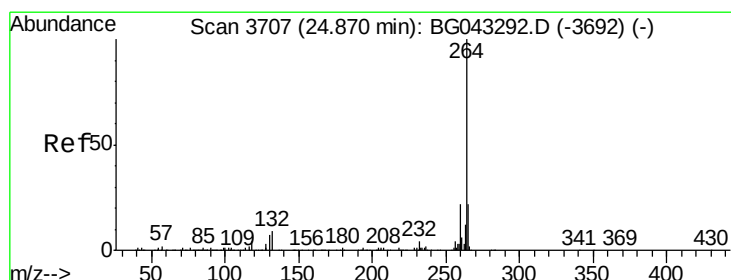
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

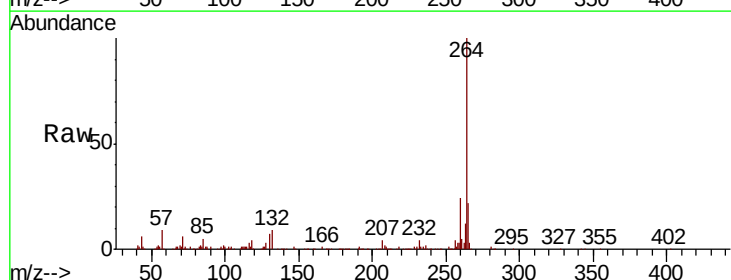
Delta R.T. -0.01 min

Lab File: BG043362.D

Acq: 28 Oct 2019 22:47

Tgt Ion:264 Resp: 355957

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.9	26.9
265	22.0	17.4	26.2

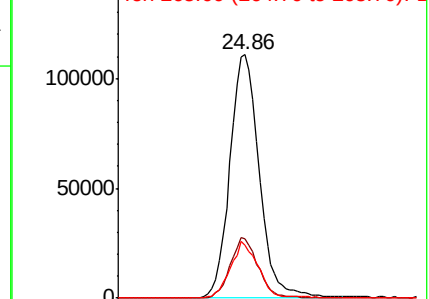
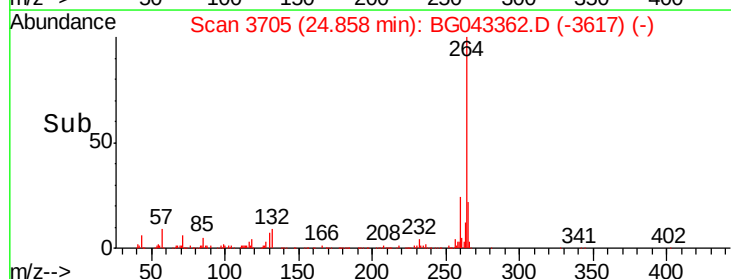


Abundance

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



Time-->