

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043381.D
 Acq On : 29 Oct 2019 19:36
 Operator : JU
 Sample : K5540-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:24:18 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

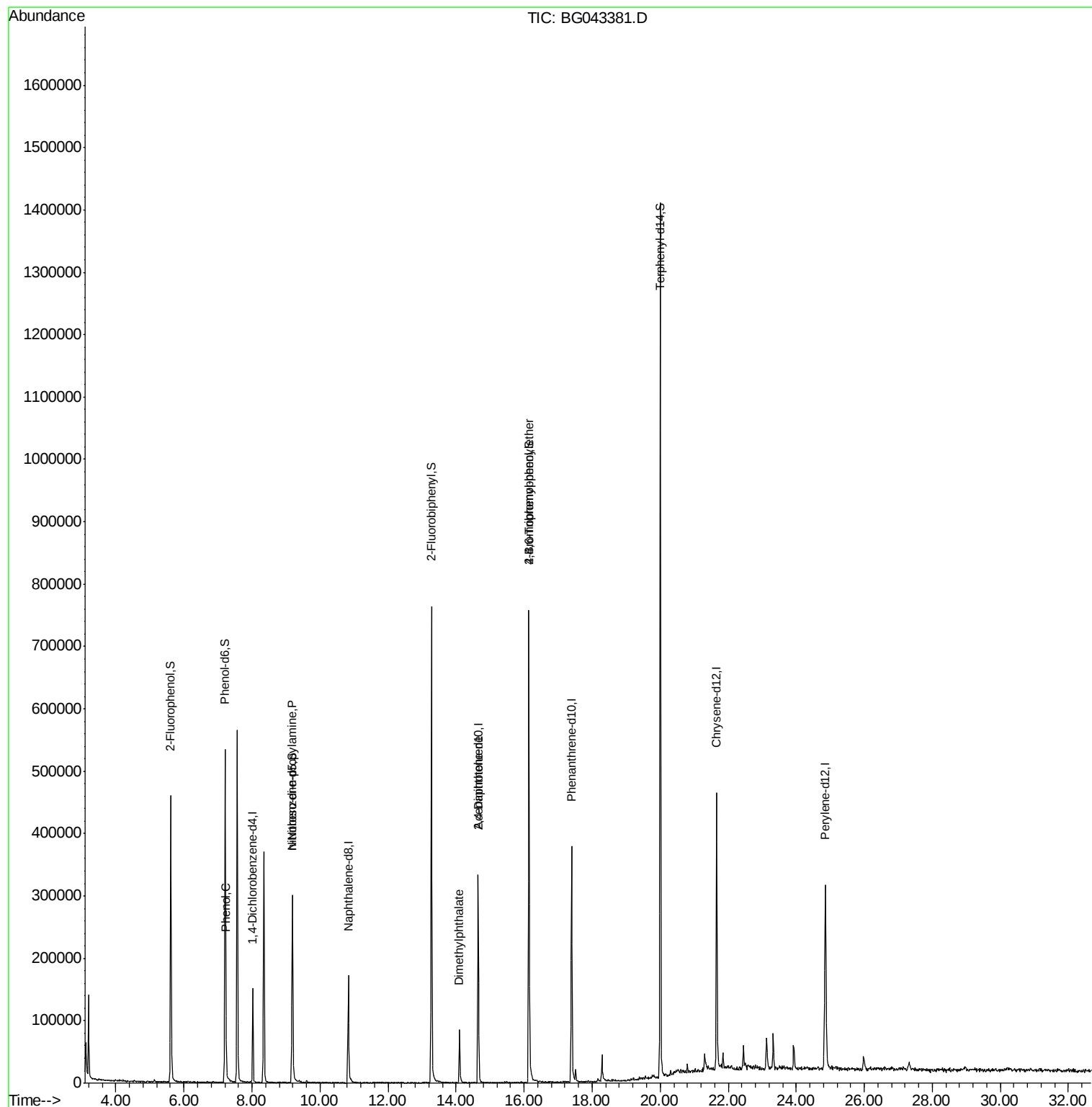
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44674	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	173527	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	124088	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	280689	20.00	ng	0.00
76) Chrysene-d12	21.66	240	297733	20.00	ng	0.00
87) Perylene-d12	24.85	264	354775	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	225740	92.59	ng	0.00
7) Phenol-d6	7.21	99	339755	96.86	ng	0.00
23) Nitrobenzene-d5	9.19	82	212493	63.13	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	198572	84.09	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	480818	53.54	ng	0.00
79) Terphenyl-d14	20.00	244	772217	48.66	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16361	5.104	ng	90
19) n-Nitroso-di-n-propylamine	9.19	70	29262	12.910	ng	# 73
50) Dimethylphthalate	14.10	163	69736	7.255	ng	97
57) 2,4-Dinitrotoluene	14.65	165	17169	5.754	ng	# 28
67) 4-Bromophenyl-phenylether	16.14	248	12520	3.314	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043381.D
Acq On : 29 Oct 2019 19:36
Operator : JU
Sample : K5540-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 30 06:24:18 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



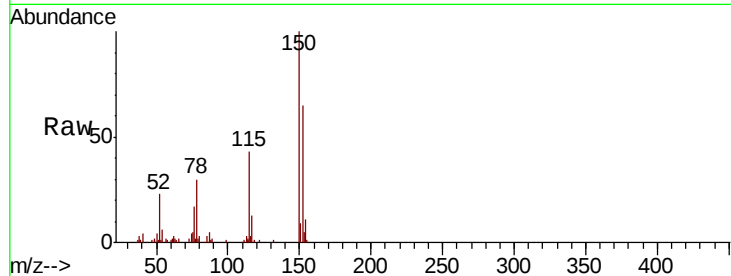


#1

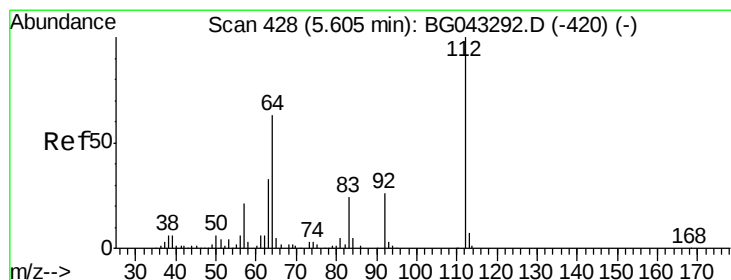
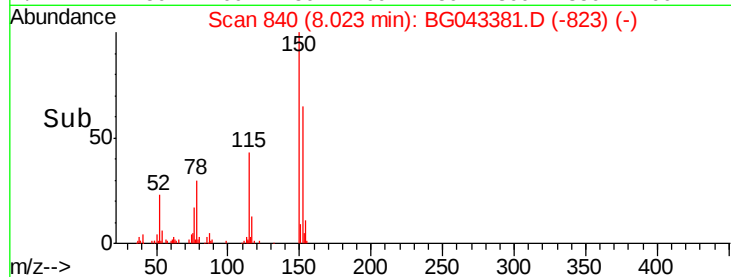
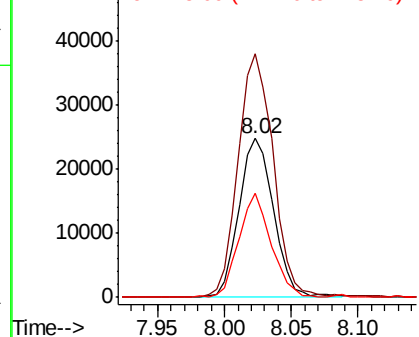
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043381.D
Acq: 29 Oct 2019 19:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44674
Ion Ratio Lower Upper
152 100
150 153.2 113.6 170.4
115 65.8 45.9 68.9



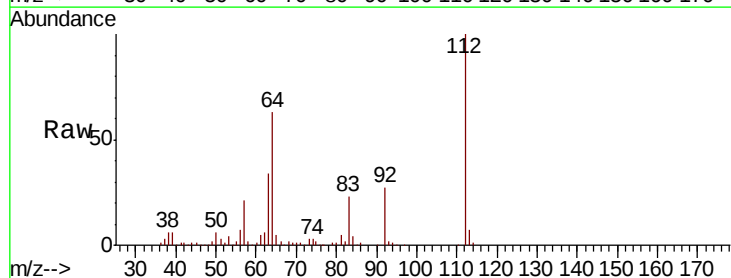
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



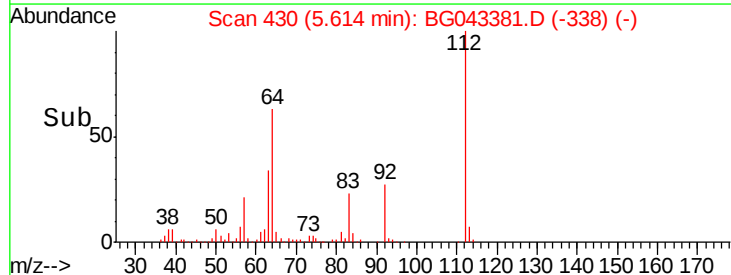
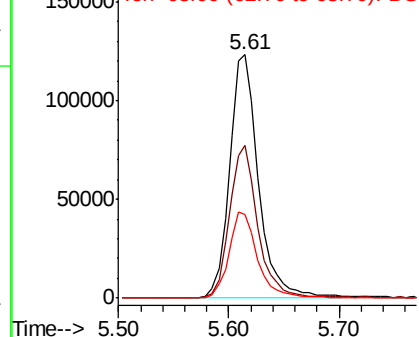
#5

2-Fluorophenol
Concen: 92.594 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043381.D
Acq: 29 Oct 2019 19:36

Tgt Ion:112 Resp: 225740
Ion Ratio Lower Upper
112 100
64 62.7 50.2 75.2
63 34.2 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: 96.862 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

Instrument :

BNA_G

ClientSampled :

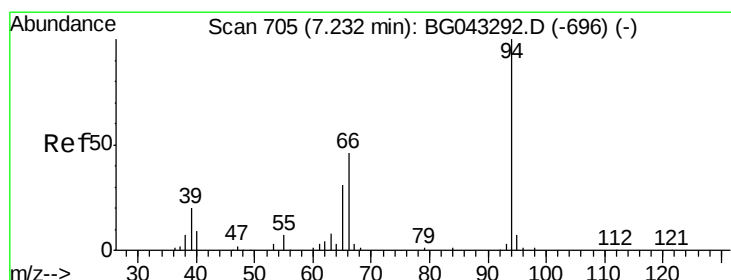
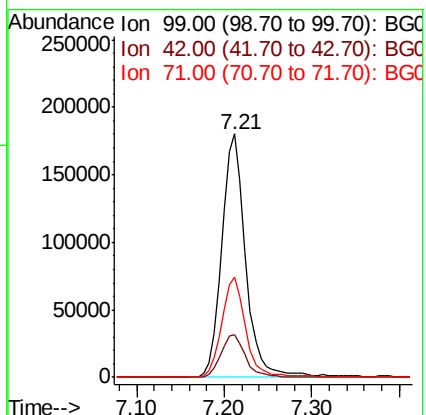
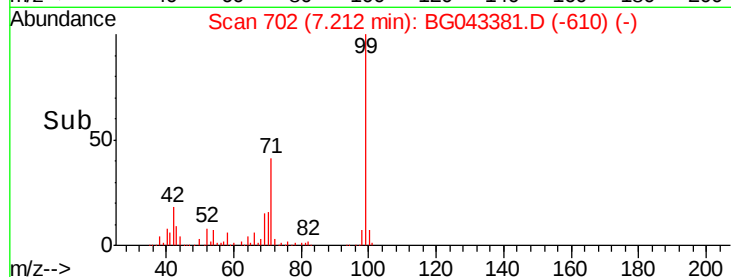
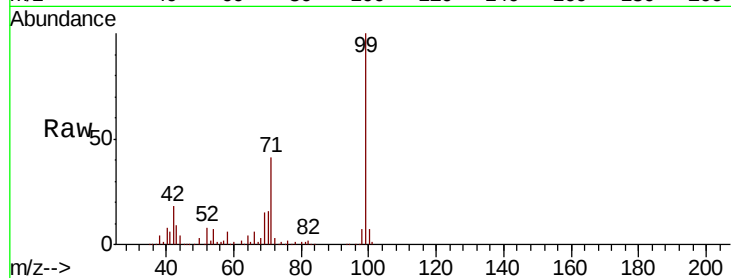
Tot Ion: 99 Resp: 339755

Ion Ratio Lower Upper

99 100

42 17.7 14.9 22.3

71 41.2 32.2 48.2



#10

Phenol

Concen: 5.104 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

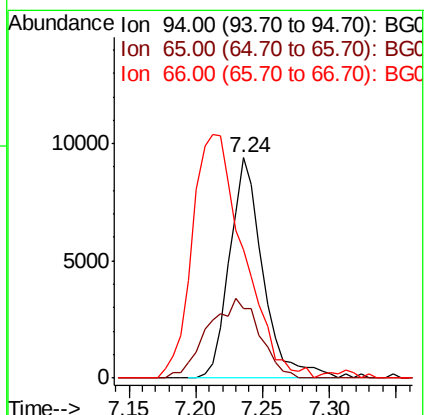
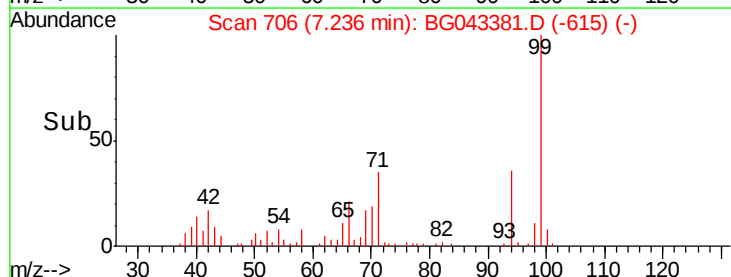
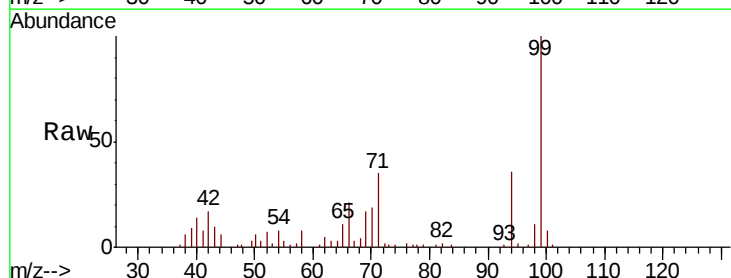
Tgt Ion: 94 Resp: 16361

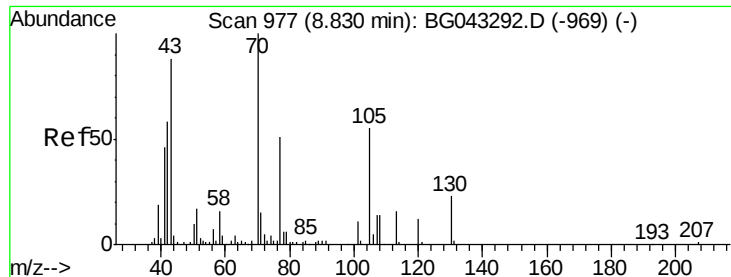
Ion Ratio Lower Upper

94 100

65 31.7 11.1 51.1

66 58.0 27.8 67.8





#19

n-Nitroso-di-n-propylamine

Concen: 12.910 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.36 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 29262

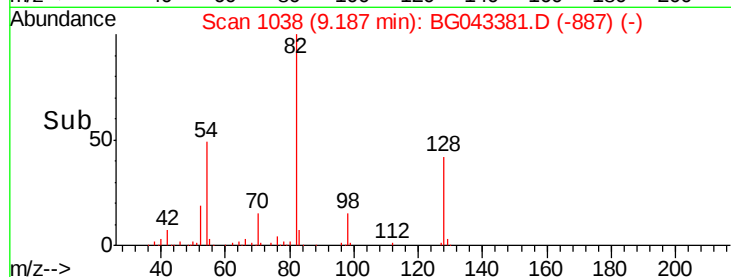
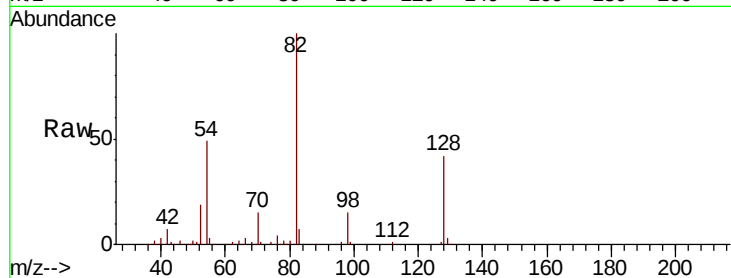
Ion Ratio Lower Upper

70 100

42 42.8 46.2 69.2#

101 0.0 8.6 13.0#

130 2.0 18.6 27.8#

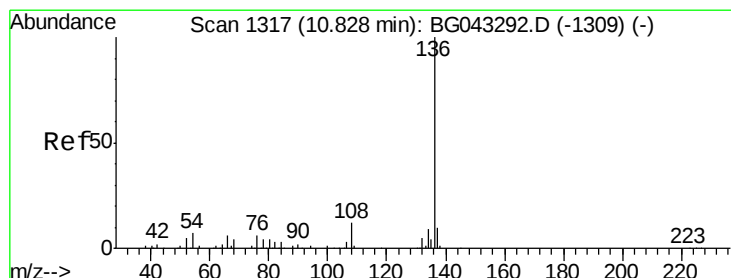
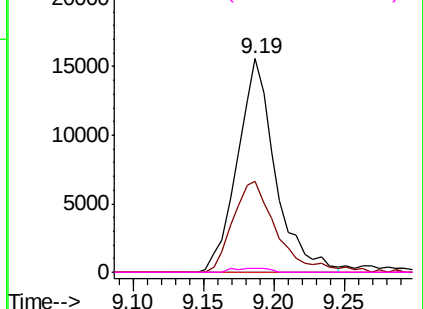


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

Tgt Ion:136 Resp: 173527

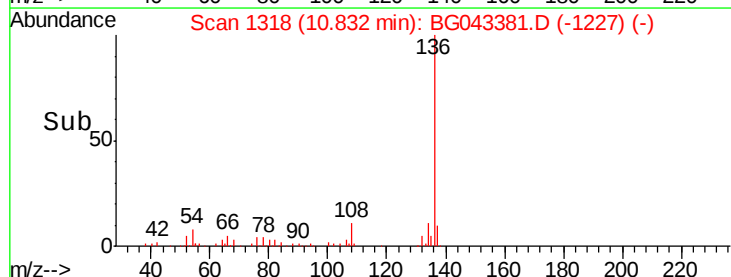
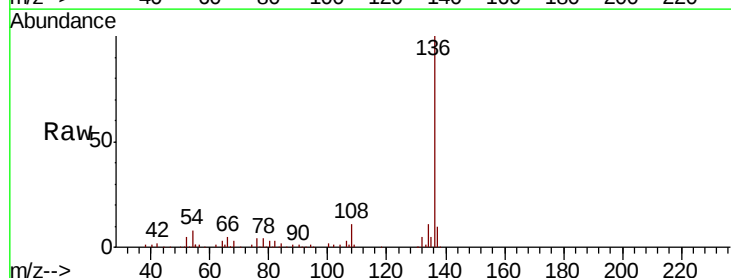
Ion Ratio Lower Upper

136 100

137 9.9 8.2 12.2

54 7.8 5.4 8.2

68 3.2 3.3 4.9#

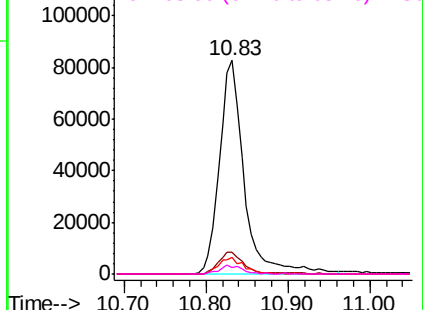


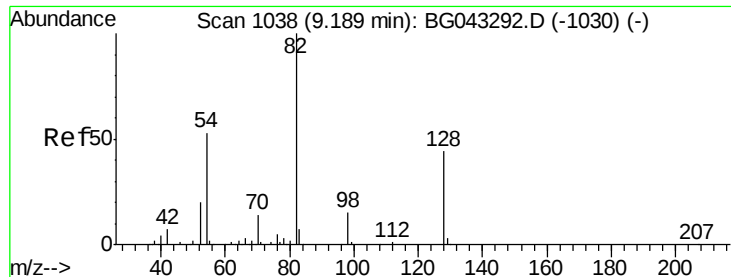
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

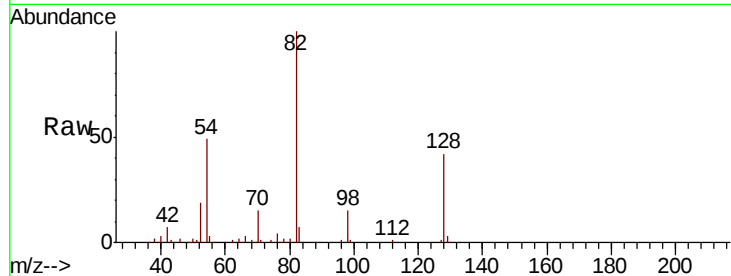




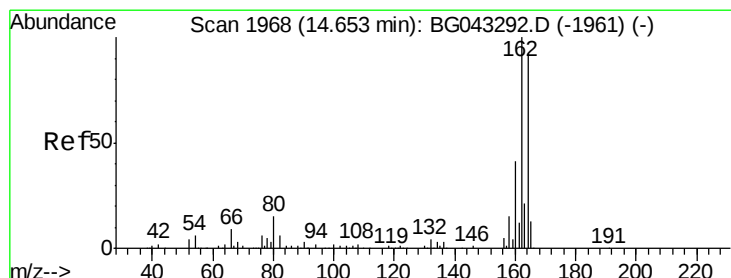
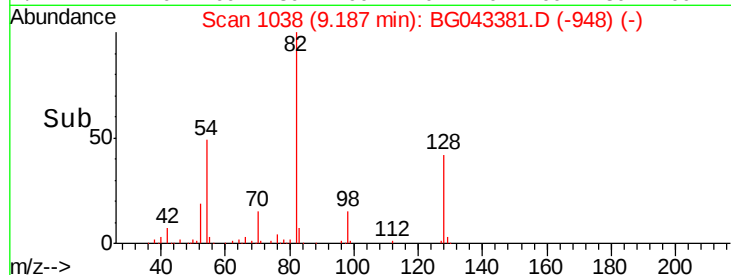
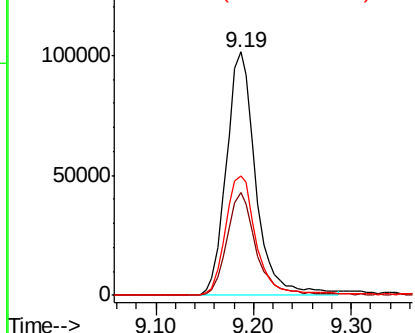
#23
Nitrobenzene-d5
Concen: 63.131 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043381.D
Acq: 29 Oct 2019 19:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	212493
Ion Ratio	100	Lower	Upper
128	42.3	35.3	52.9
54	49.2	42.3	63.5

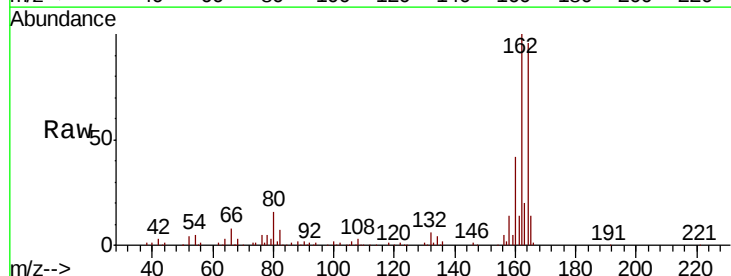


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

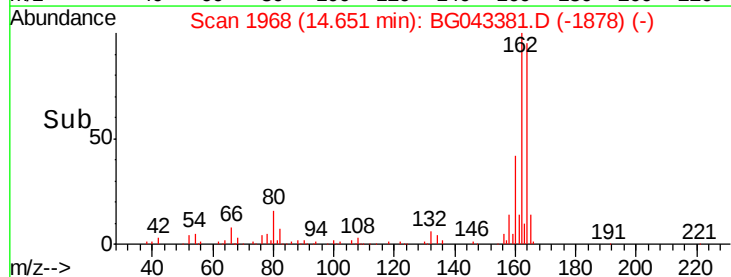
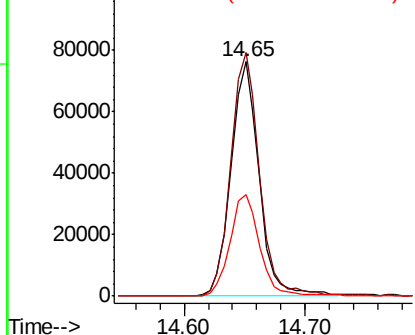


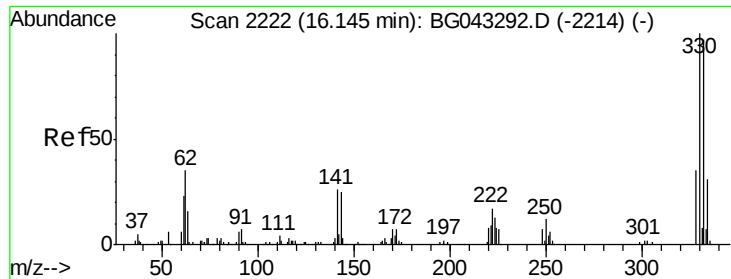
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043381.D
Acq: 29 Oct 2019 19:36

Tgt Ion	164	Resp	124088
Ion Ratio	100	Lower	Upper
162	103.8	87.0	130.4
160	43.3	35.5	53.3



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

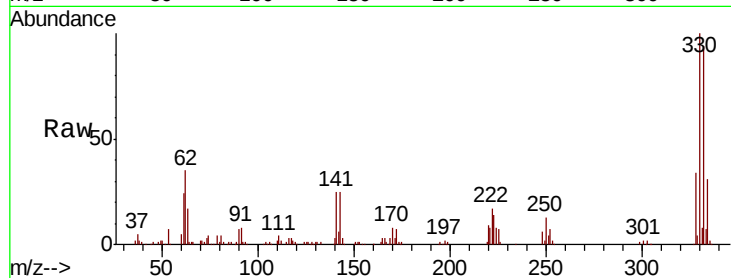




#42
 2,4,6-Tribromophenol
 Concen: 84.091 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043381.D
 Acq: 29 Oct 2019 19:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	330	Ratio	Lower	Upper
330	100			
332	95.3	76.4	114.6	
141	27.4	21.4	32.0	

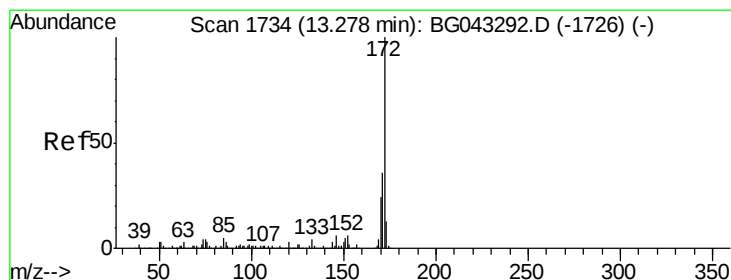
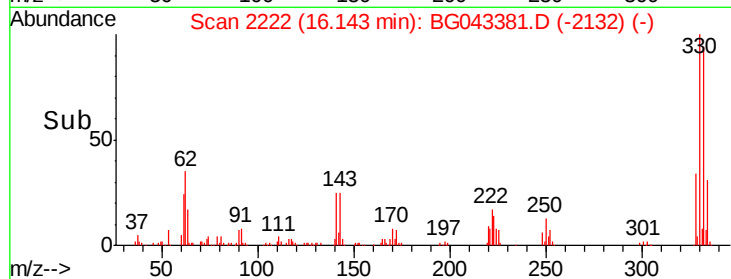
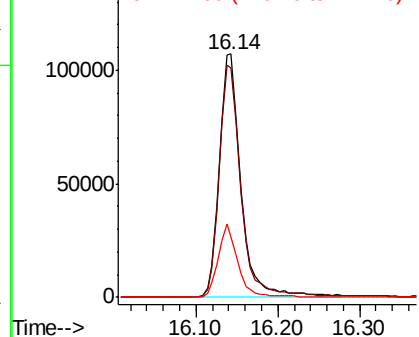


Abundance

Ion 329.80 (329.50 to 330.50): E

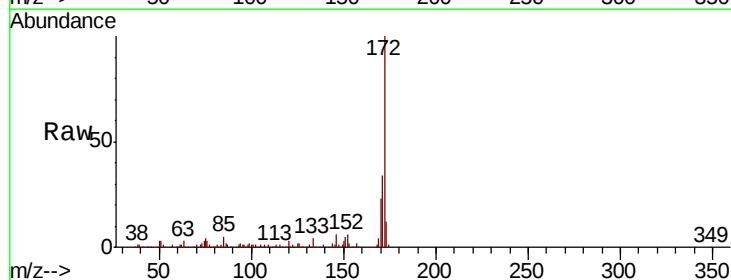
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 53.542 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043381.D
 Acq: 29 Oct 2019 19:36

Tgt Ion	172	Ratio	Lower	Upper
172	100			
171	34.2	28.5	42.7	
170	22.5	18.8	28.2	

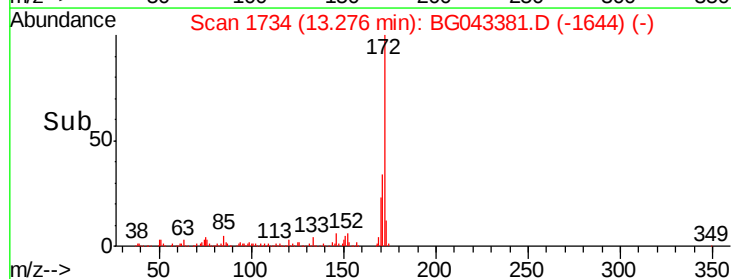
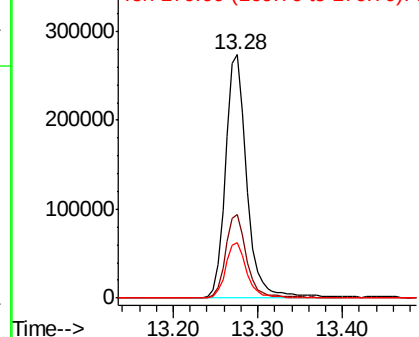


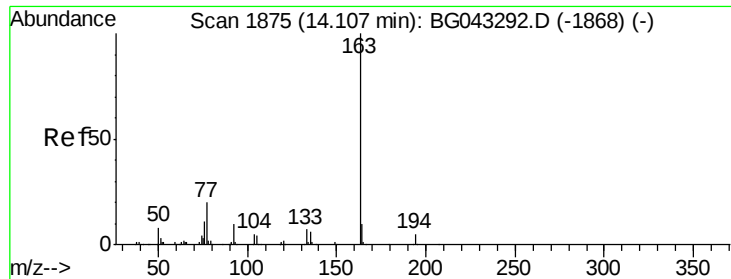
Abundance

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

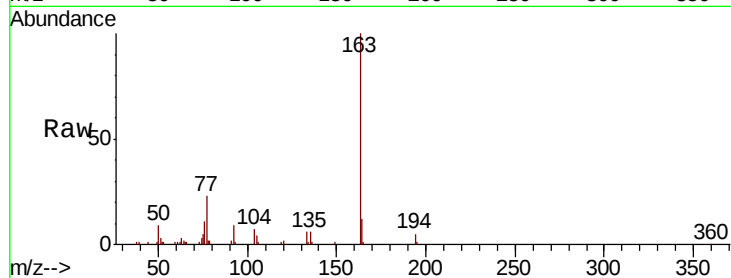




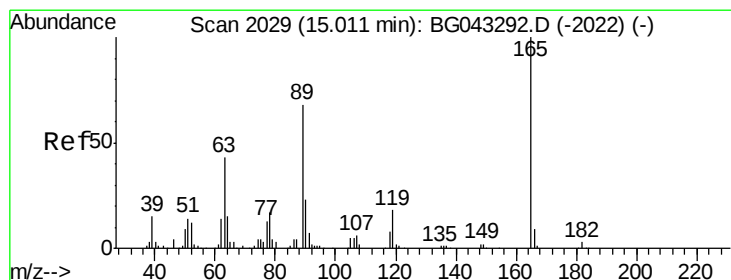
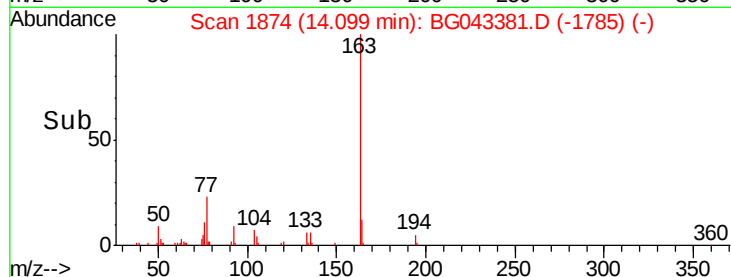
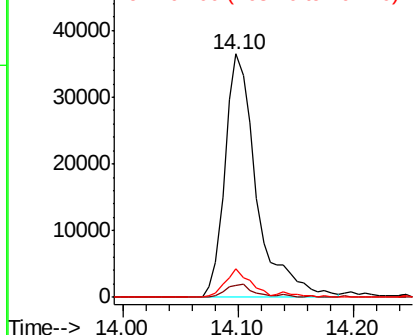
#50
Dimethylphthalate
Concen: 7.255 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043381.D
Acq: 29 Oct 2019 19:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 69736
Ion Ratio Lower Upper
163 100
194 5.0 3.7 5.5
164 11.6 8.1 12.1

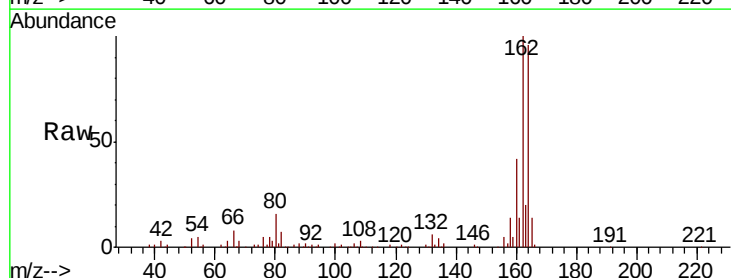


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

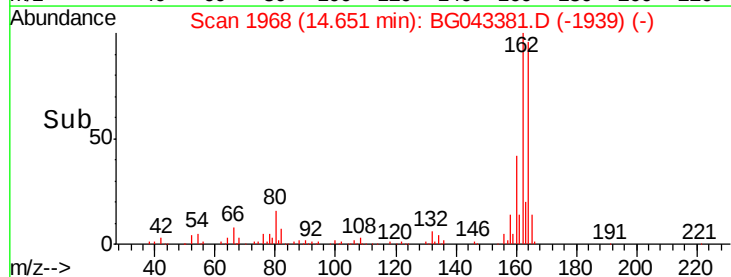
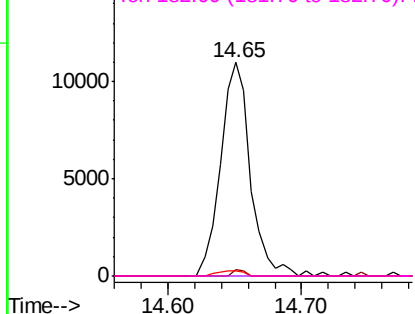


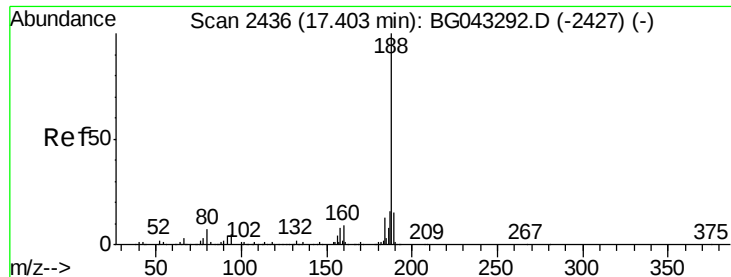
#57
2,4-Dinitrotoluene
Concen: 5.754 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043381.D
Acq: 29 Oct 2019 19:36

Tgt Ion:165 Resp: 17169
Ion Ratio Lower Upper
165 100
63 2.7 35.0 52.6#
89 2.5 54.1 81.1#
182 0.0 2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

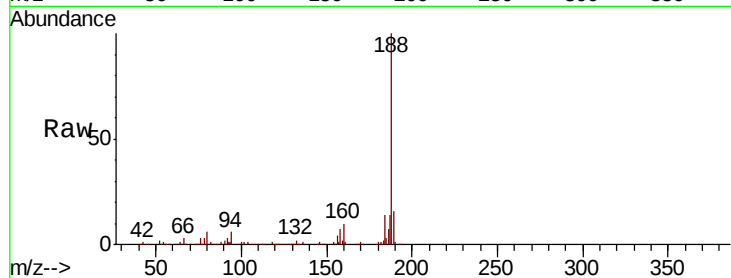
Tot Ion:188 Resp: 280689

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.2
80	6.2	5.2	7.8

188 100

94 6.0 4.2 6.2

80 6.2 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

200000

150000

100000

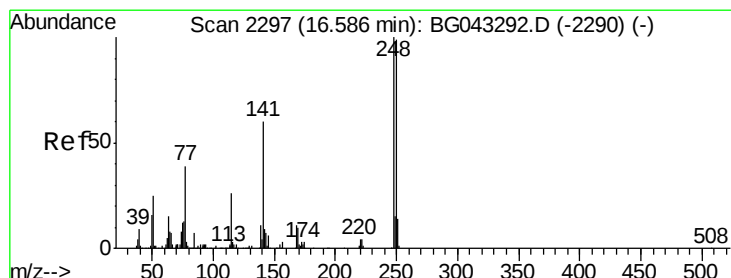
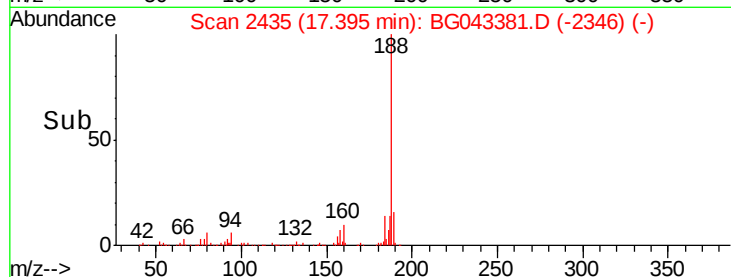
50000

0

17.39

17.30 17.40 17.50 17.60

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.314 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.45 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

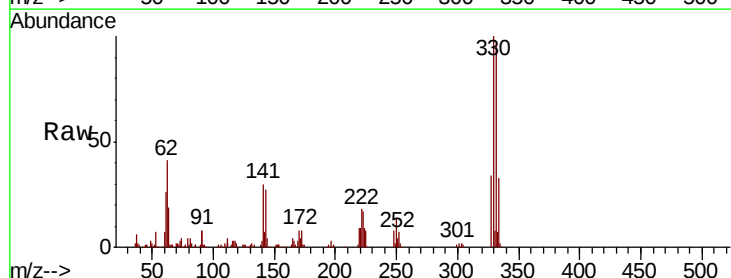
Tgt Ion:248 Resp: 12520

Ion	Ratio	Lower	Upper
248	100		
250	178.9	79.3	118.9#
141	397.9	47.9	71.9#

248 100

250 178.9 79.3 118.9#

141 397.9 47.9 71.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

40000

30000

20000

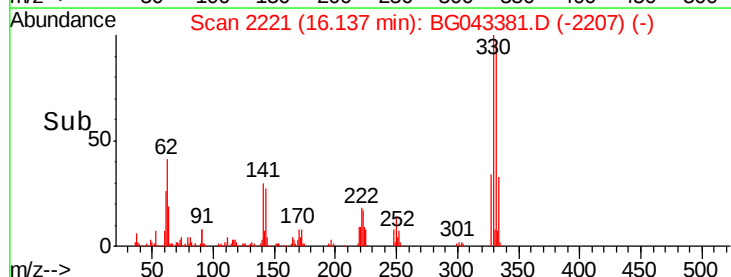
10000

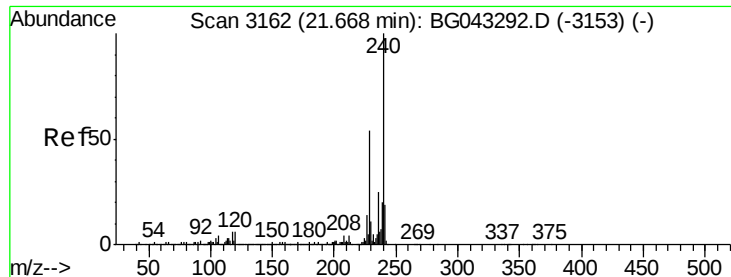
0

16.14

16.10 16.15 16.20

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

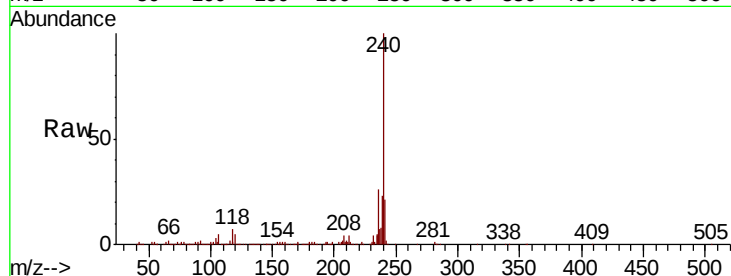
Tot Ion:240 Resp: 297733

Ion Ratio Lower Upper

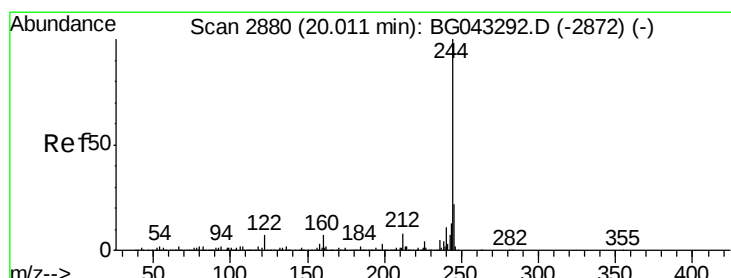
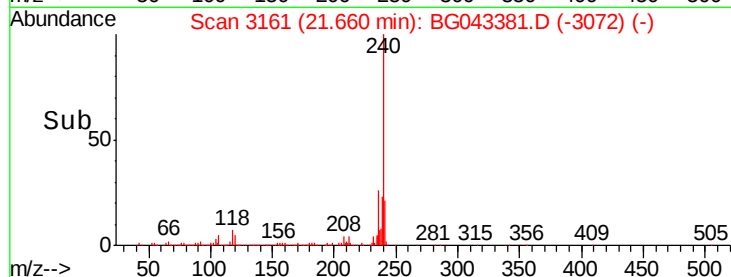
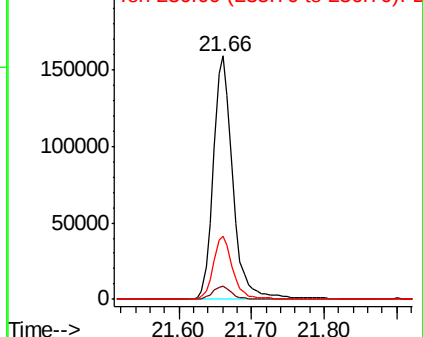
240 100

120 5.3 4.6 7.0

236 26.1 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: 48.658 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

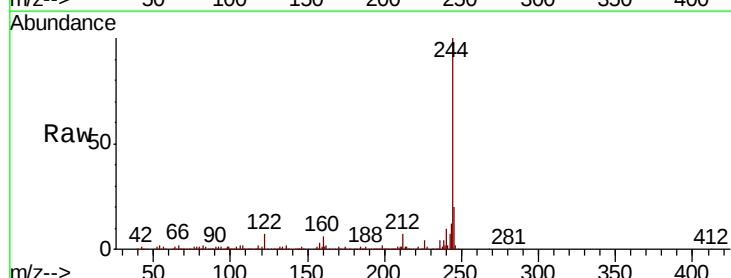
Tgt Ion:244 Resp: 772217

Ion Ratio Lower Upper

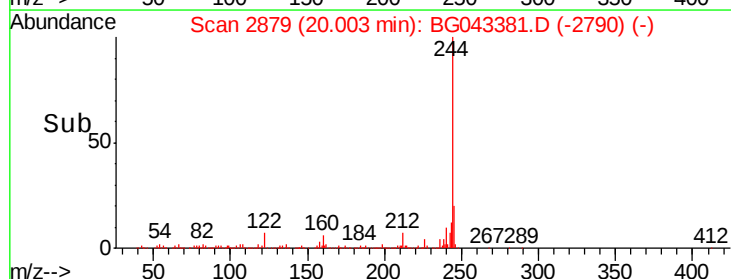
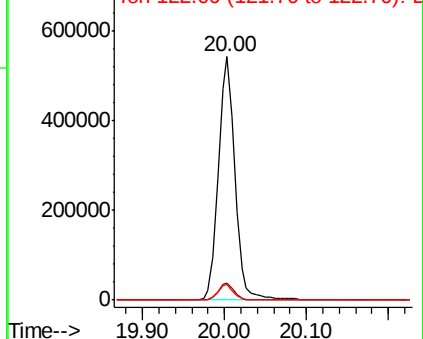
244 100

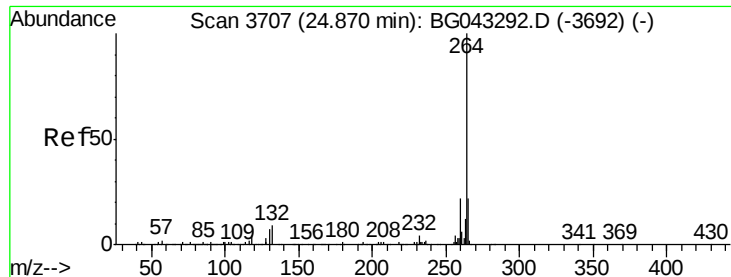
212 7.0 6.4 9.6

122 6.6 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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.02 min
 Lab File: BG043381.D
 Acq: 29 Oct 2019 19:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.7	17.9	26.9	
265	22.0	17.4	26.2	

