

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041216.D
 Acq On : 12 Jun 2019 21:23
 Operator : HP/JU
 Sample : K3300-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TI-633

Quant Time: Jun 13 08:02:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

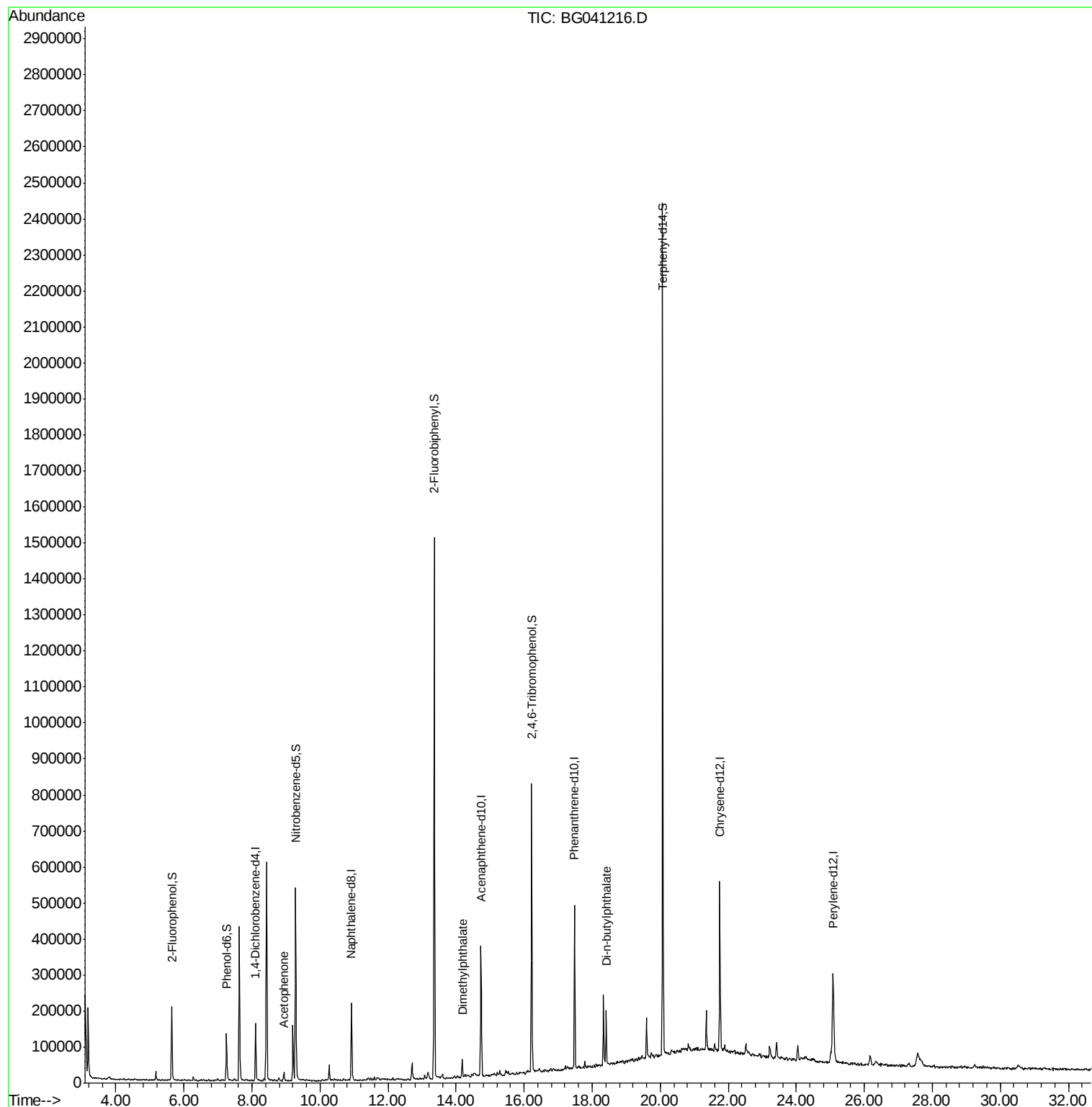
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	41682	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	172418	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	122125	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	289091	20.00	ng	0.00
76) Chrysene-d12	21.75	240	301989	20.00	ng	0.00
87) Perylene-d12	25.08	264	313738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	86214	37.30	ng	0.00
7) Phenol-d6	7.25	99	71317	19.98	ng	0.00
23) Nitrobenzene-d5	9.29	82	338758	87.22	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	152060	83.87	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	730662	86.16	ng	0.00
79) Terphenyl-d14	20.07	244	1150874	80.88	ng	0.00
Target Compounds						
22) Acetophenone	8.94	105	12645	2.614	ng	Qvalue # 91
50) Dimethylphthalate	14.18	163	30766	2.976	ng	98
74) Di-n-butylphthalate	18.42	149	103555	6.538	ng	98

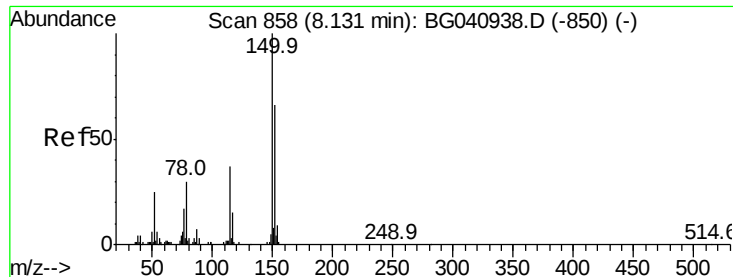
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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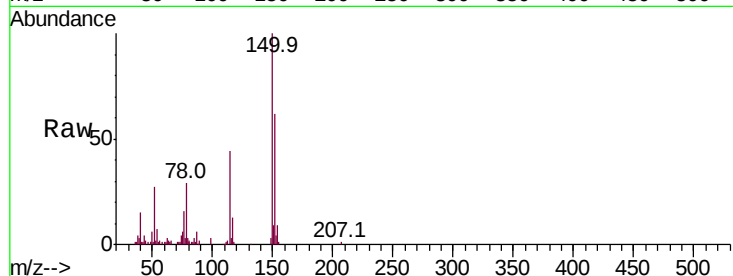


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	120.6	180.8
115	70.9	45.1	67.7

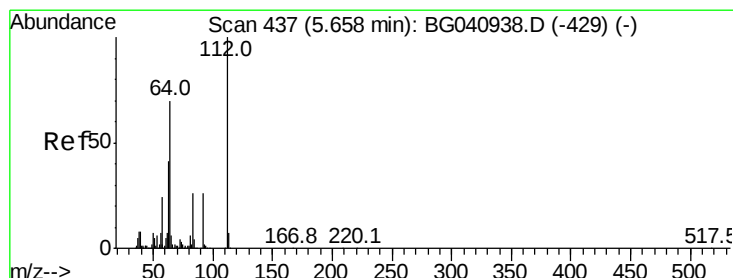
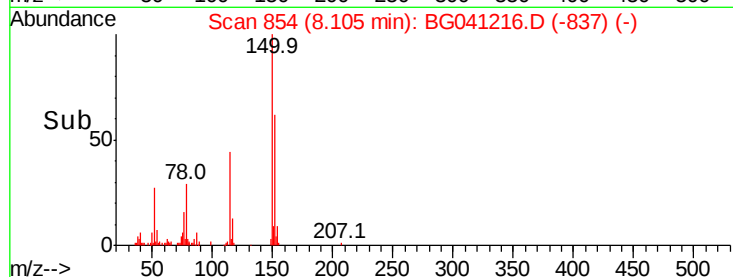
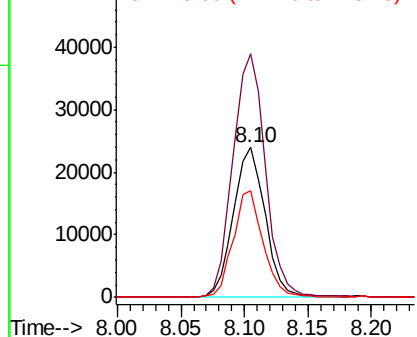


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

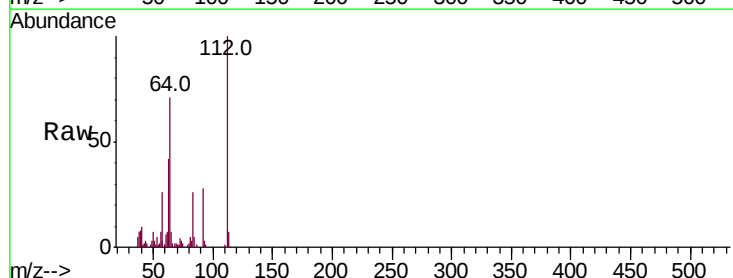
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.297 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.2	84.2
63	41.7	32.8	49.2

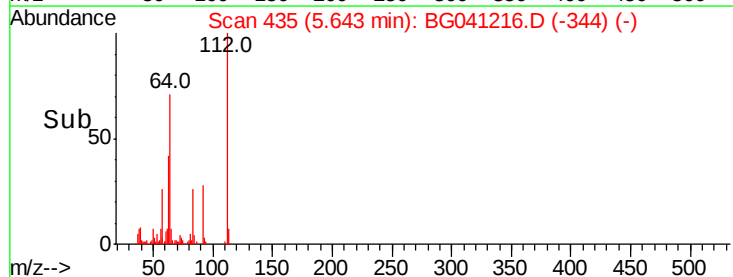
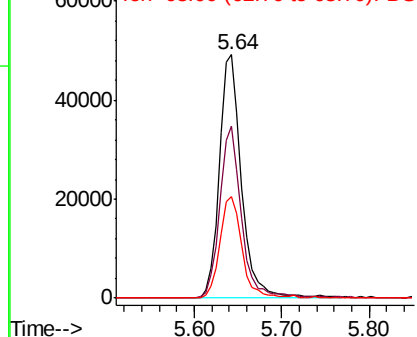


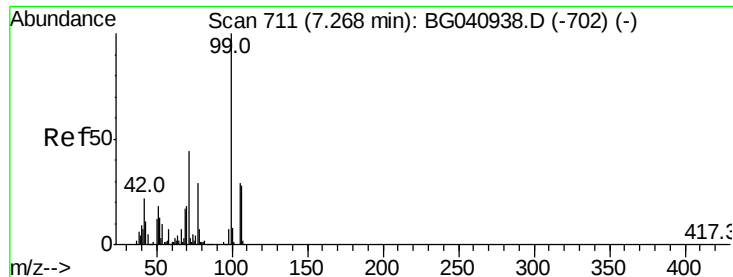
Abundance

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: 19.977 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041216.D

Acq: 12 Jun 2019 21:23

Instrument :

BNA_G

ClientSampleId :

TI-633

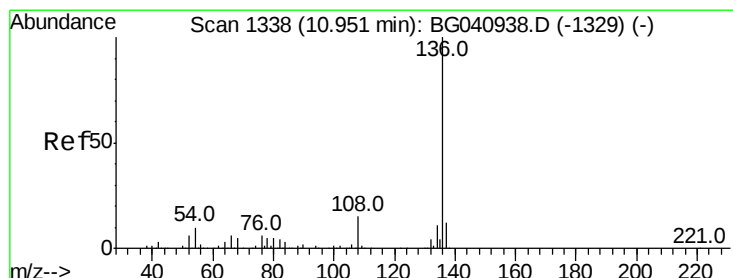
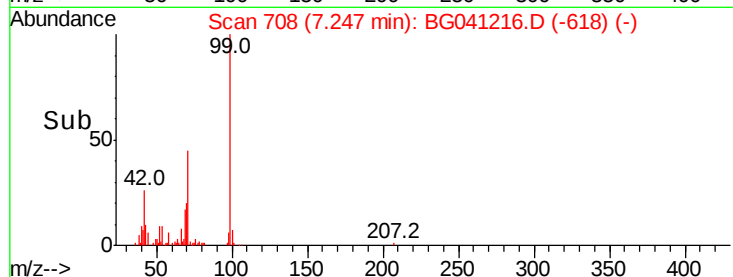
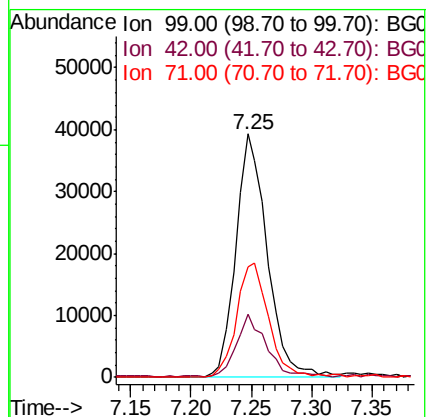
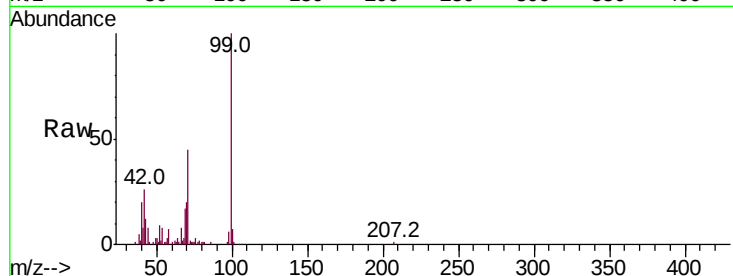
Tot Ion: 99 Resp: 71317

Ion Ratio Lower Upper

99 100

42 25.9 17.9 26.9

71 45.1 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041216.D

Acq: 12 Jun 2019 21:23

Tgt Ion: 136 Resp: 172418

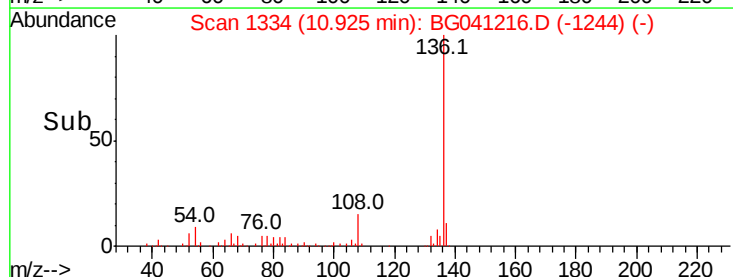
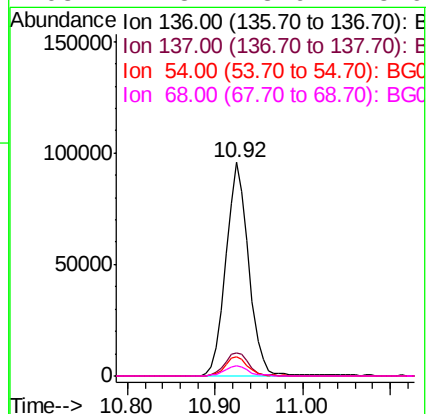
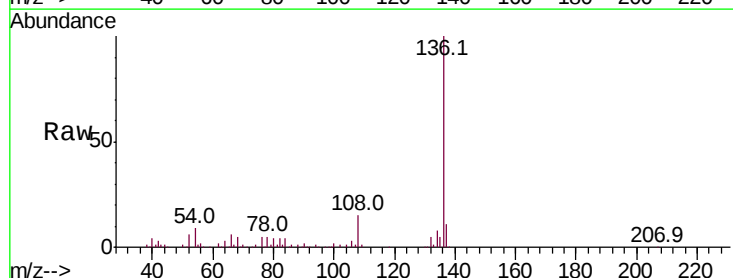
Ion Ratio Lower Upper

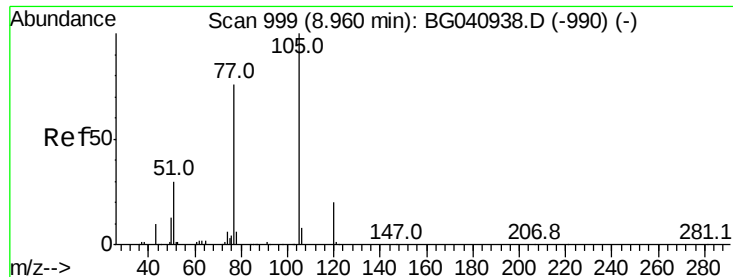
136 100

137 11.0 9.5 14.3

54 8.8 7.6 11.4

68 4.8 3.9 5.9





#22

Acetophenone

Concen: 2.614 ng

RT: 8.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG041216.D

Acq: 12 Jun 2019 21:23

Instrument :

BNA_G

ClientSampleId :

TI-633

Tot Ion:105 Resp: 12645

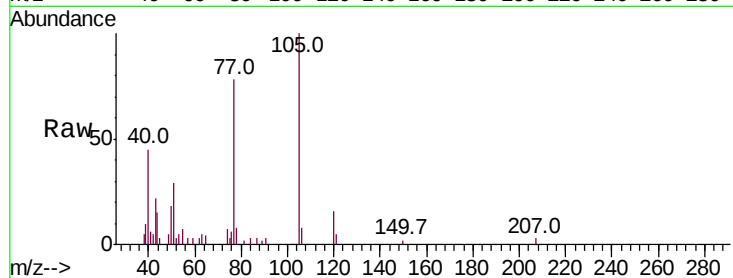
Ion Ratio Lower Upper

105 100

71 0.0 0.4 0.6#

51 29.0 27.0 40.6

120 15.9 16.2 24.4#

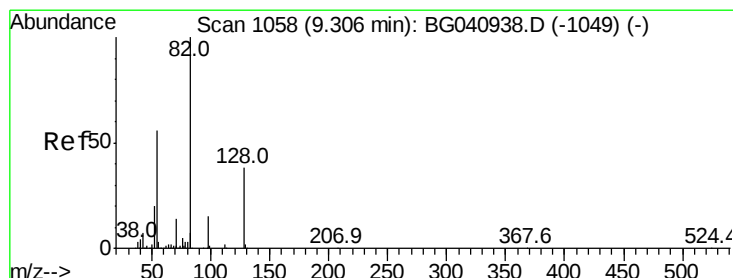
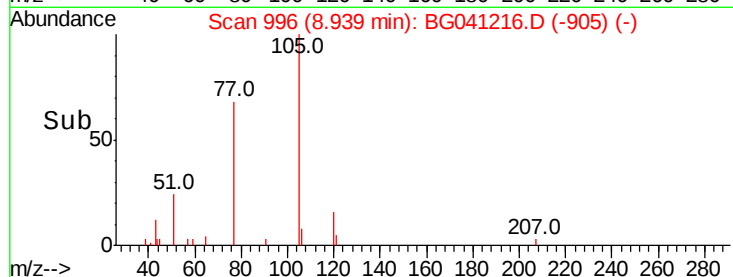
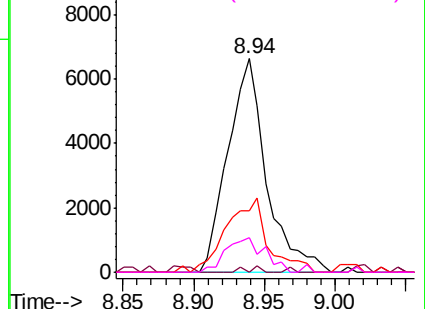


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 87.222 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BG041216.D

Acq: 12 Jun 2019 21:23

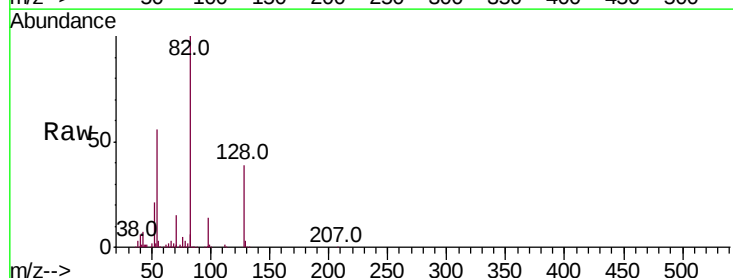
Tgt Ion: 82 Resp: 338758

Ion Ratio Lower Upper

82 100

128 39.4 30.5 45.7

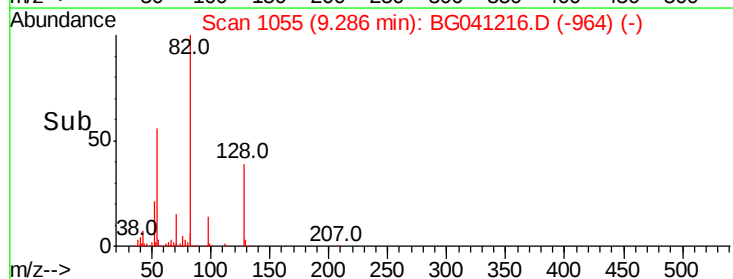
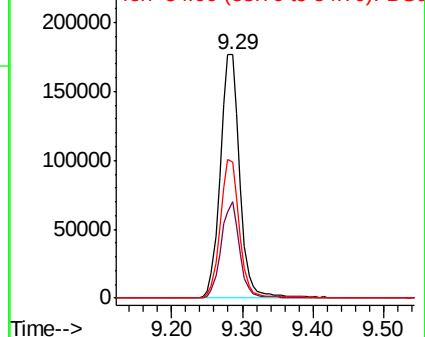
54 56.2 44.6 66.8

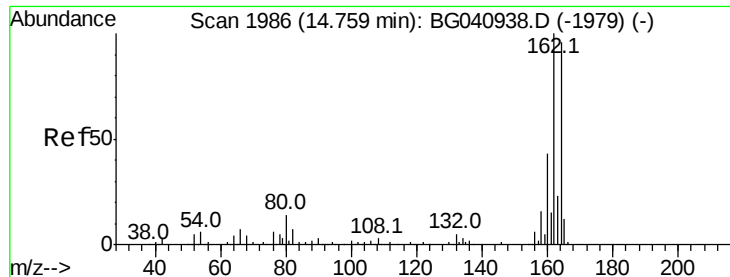


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG041216.D

Acq: 12 Jun 2019 21:23

Instrument :

BNA_G

ClientSampled :

TI-633

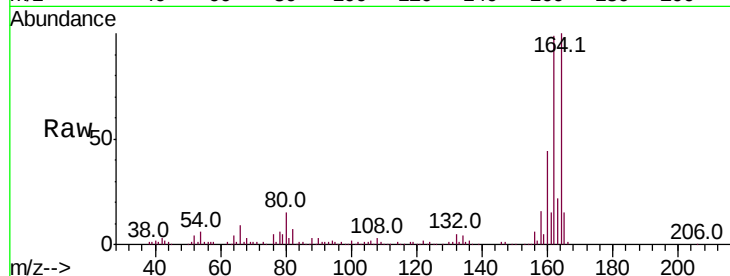
Tot Ion:164 Resp: 122125

Ion Ratio Lower Upper

164 100

162 99.3 83.0 124.4

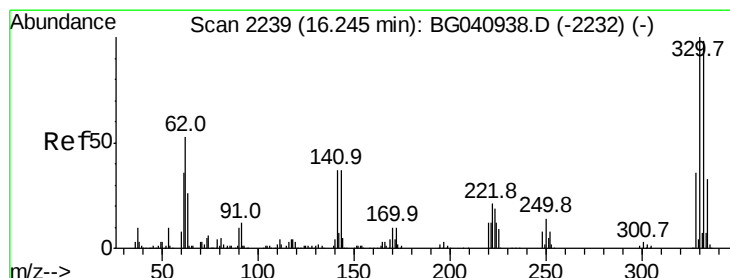
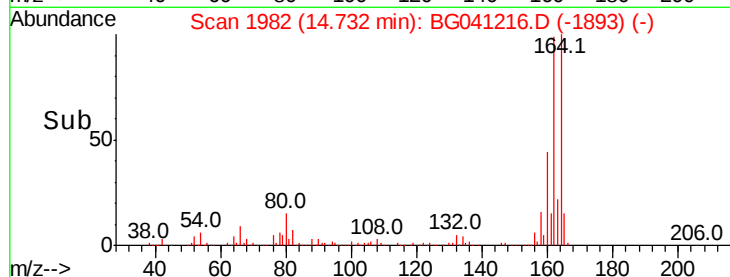
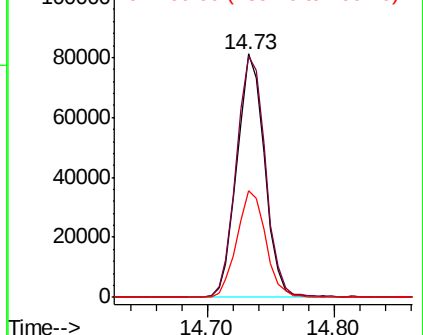
160 43.7 35.6 53.4



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: 83.871 ng

RT: 16.22 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG041216.D

Acq: 12 Jun 2019 21:23

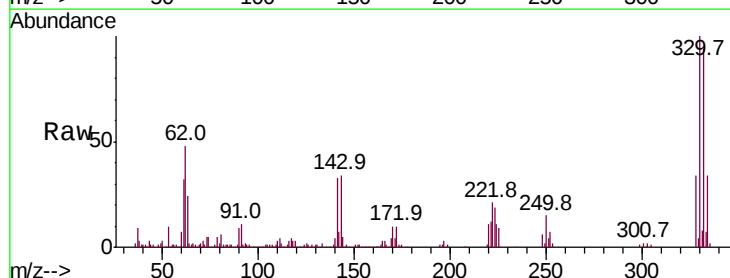
Tgt Ion:330 Resp: 152060

Ion Ratio Lower Upper

330 100

332 94.5 78.5 117.7

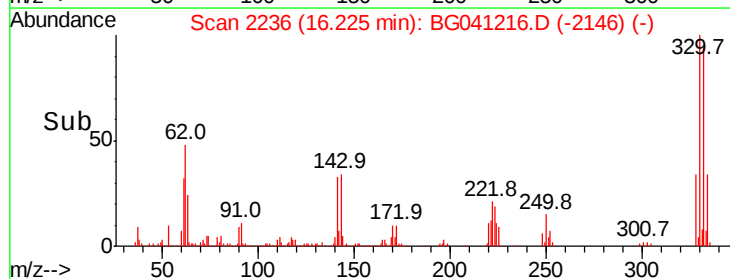
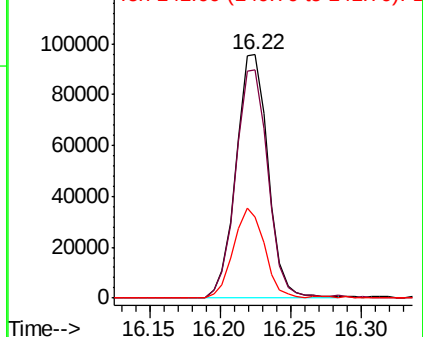
141 36.2 28.7 43.1

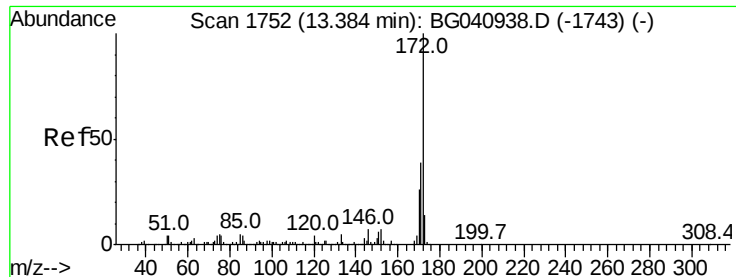


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

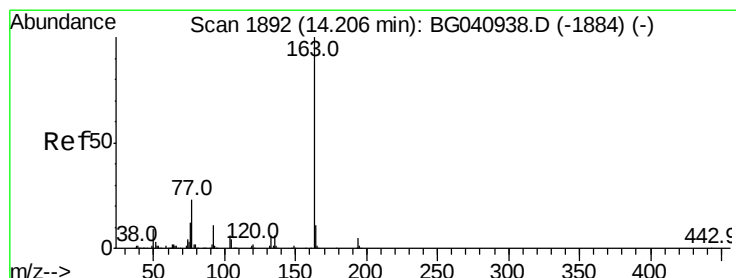
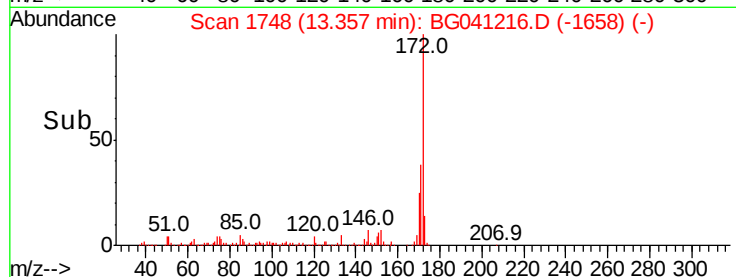
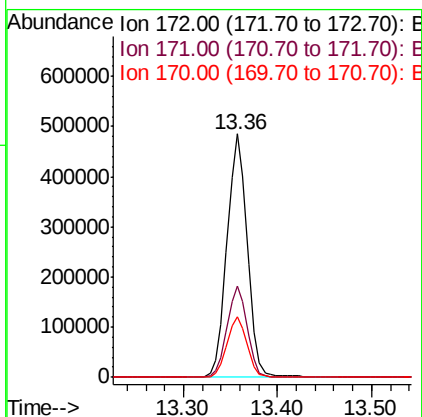
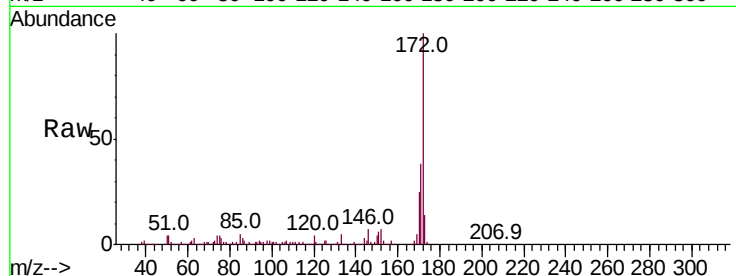




#45
2-Fluorobiphenyl
Concen: 86.160 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

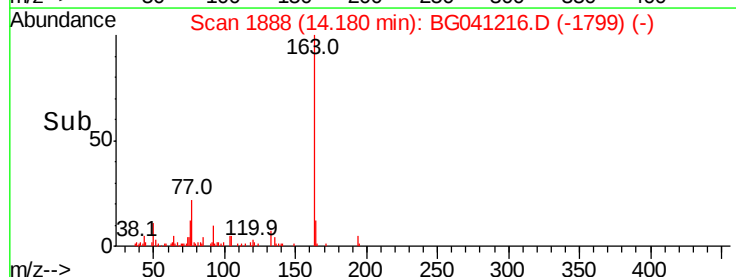
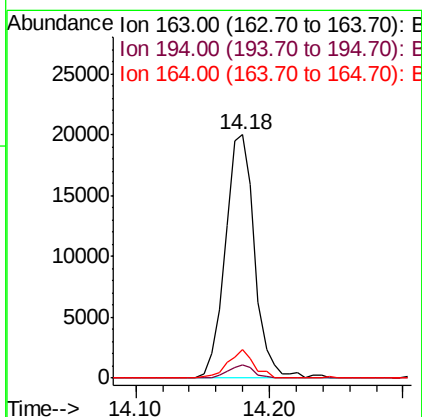
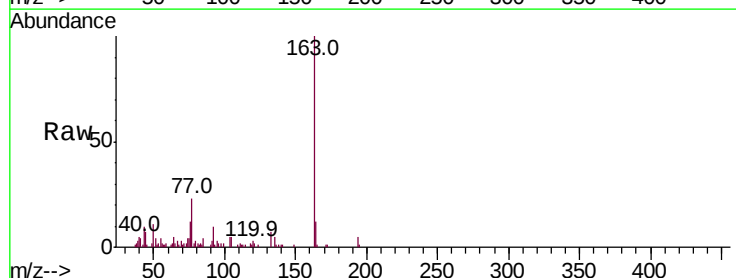
Instrument :
BNA_G
ClientSampleId :
TI-633

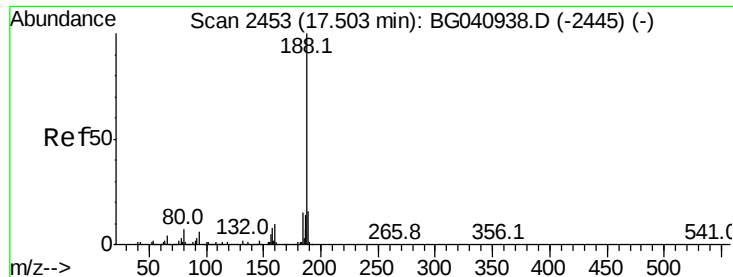
Tot Ion:172 Resp: 730662
Ion Ratio Lower Upper
172 100
171 37.7 31.1 46.7
170 25.1 20.5 30.7



#50
Dimethylphthalate
Concen: 2.976 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:163 Resp: 30766
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.8
164 11.6 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG041216.D

Acq: 12 Jun 2019 21:23

Instrument :

BNA_G

ClientSampleId :

TI-633

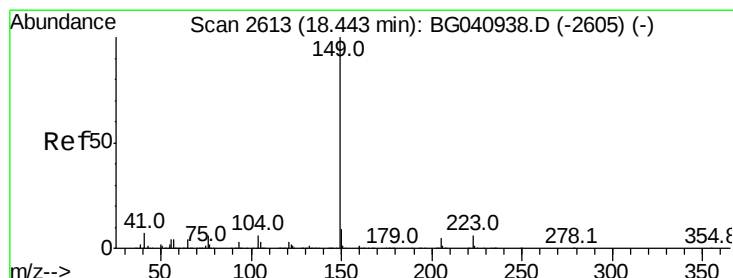
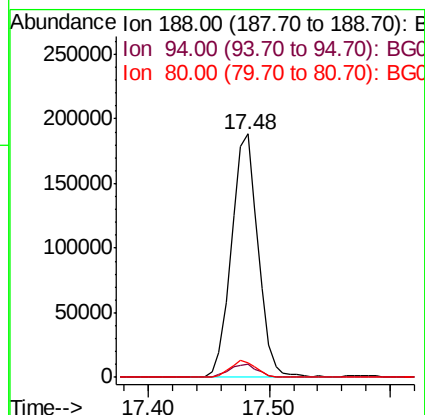
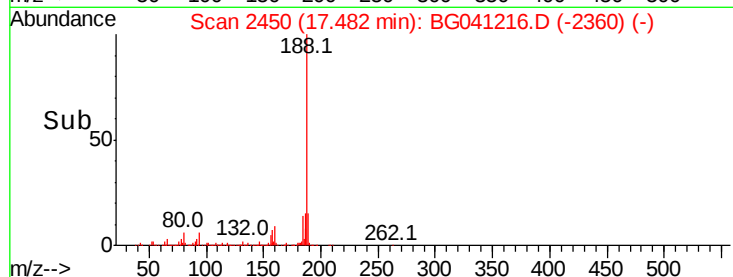
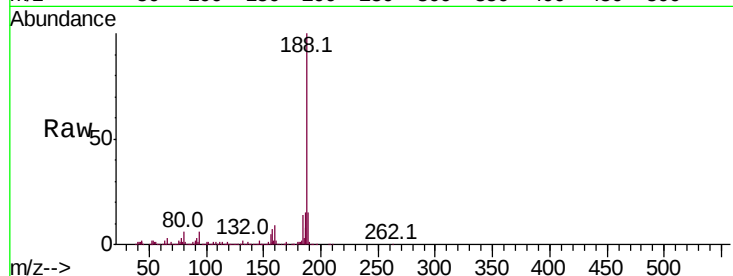
Tot Ion:188 Resp: 289091

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

80 5.9 5.8 8.8



#74

Di-n-butylphthalate

Concen: 6.538 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.00 min

Lab File: BG041216.D

Acq: 12 Jun 2019 21:23

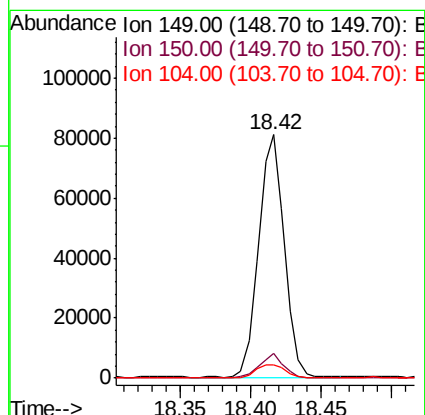
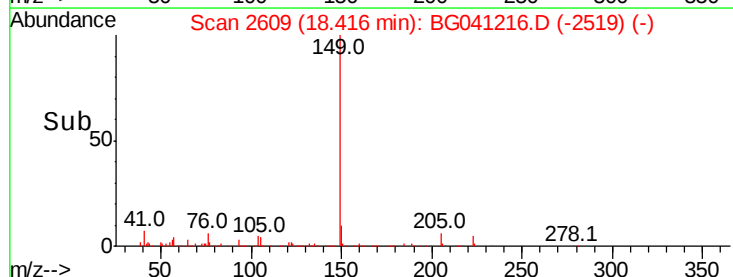
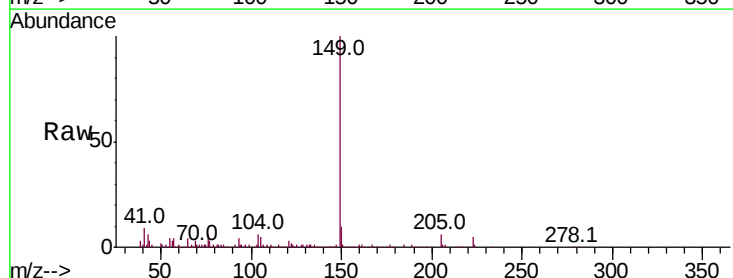
Tgt Ion:149 Resp: 103555

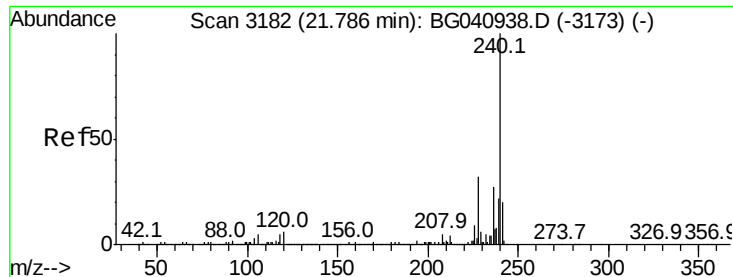
Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.2

104 5.6 5.0 7.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041216.D

Acq: 12 Jun 2019 21:23

Instrument :

BNA_G

ClientSampleId :

TI-633

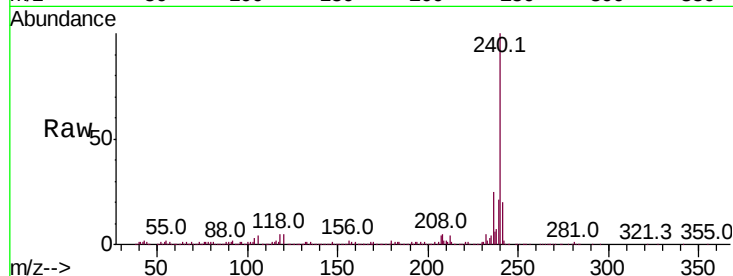
Tot Ion:240 Resp: 301989

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

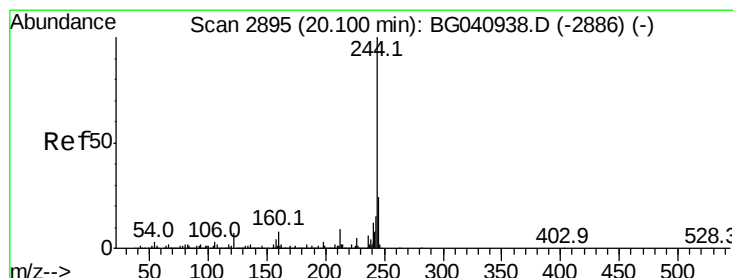
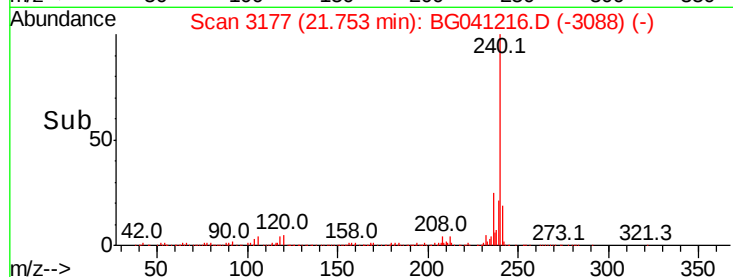
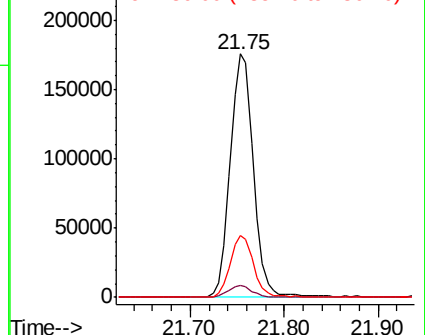
236 25.4 21.3 31.9



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: 80.882 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG041216.D

Acq: 12 Jun 2019 21:23

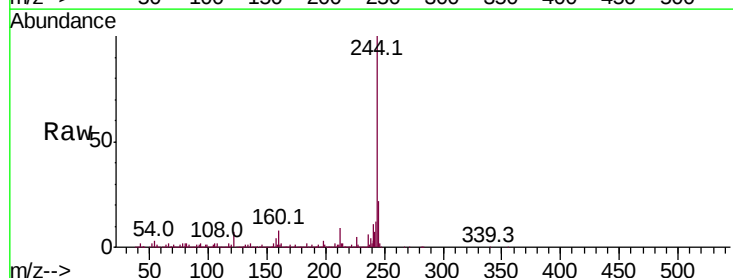
Tgt Ion:244 Resp: 1150874

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

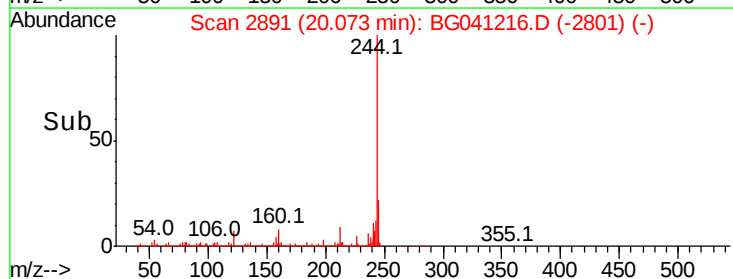
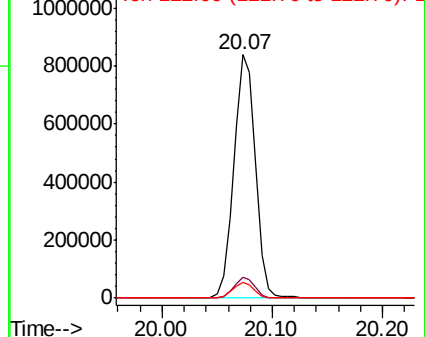
122 6.7 5.4 8.0

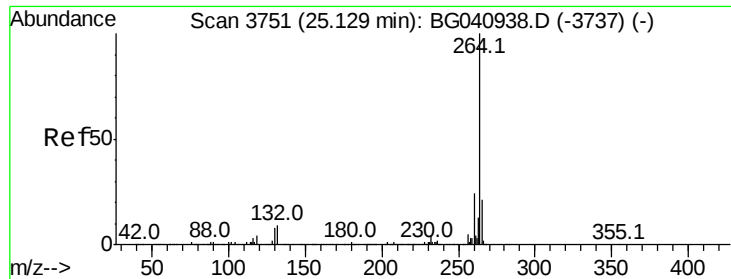


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3743
 Delta R.T. -0.01 min
 Lab File: BG041216.D
 Acq: 12 Jun 2019 21:23

Instrument :
 BNA_G
 ClientSampleId :
 TI-633

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.4
265	23.1	17.0	25.4

