

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039633.D
 Acq On : 27 Feb 2019 14:00
 Operator : JU/SJ
 Sample : K1594-24
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(8-9)

Quant Time: Feb 28 00:59:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

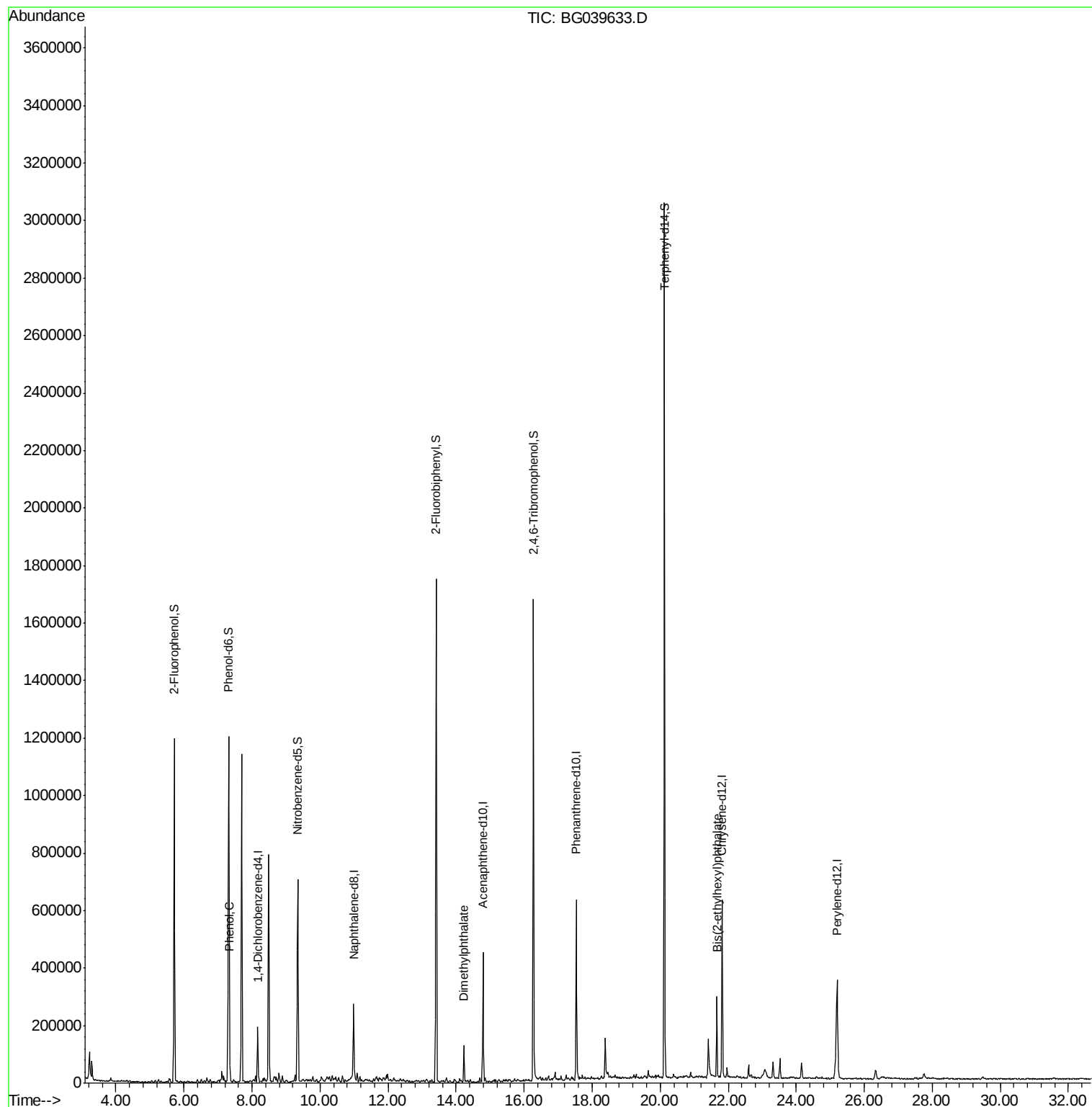
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53796	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	220901	20.00	ng	-0.03
39) Acenaphthene-d10	14.79	164	153543	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	382005	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	388192	20.00	ng	-0.03
87) Perylene-d12	25.20	264	401158	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	500368	159.19	ng	0.00
7) Phenol-d6	7.32	99	707257	152.86	ng	0.00
23) Nitrobenzene-d5	9.34	82	415787	117.59	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	287976	174.17	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	931721	87.05	ng	-0.02
79) Terphenyl-d14	20.12	244	1465330	79.90	ng	-0.03
Target Compounds						
10) Phenol	7.34	94	44172	9.159	ng	97
50) Dimethylphthalate	14.23	163	78453	6.326	ng	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	118083	8.119	ng	98

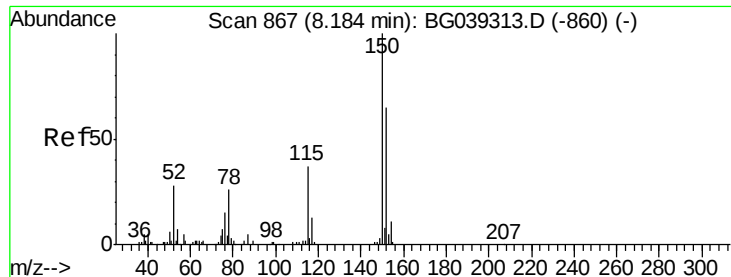
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG039633.D

Acq: 27 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

B-2(8-9)

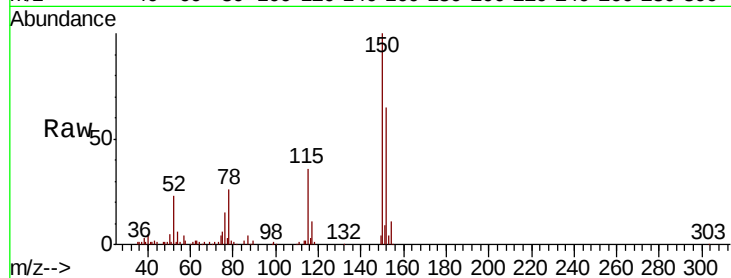
Tot Ion:152 Resp: 53796

Ion Ratio Lower Upper

152 100

150 153.9 123.7 185.5

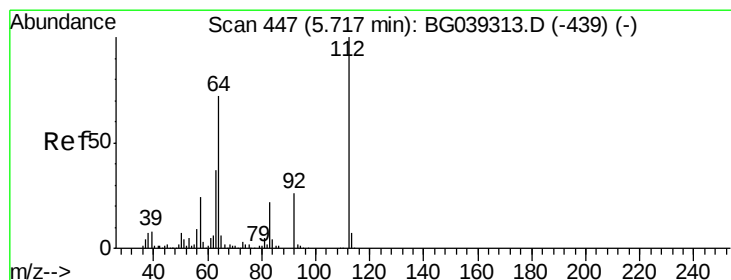
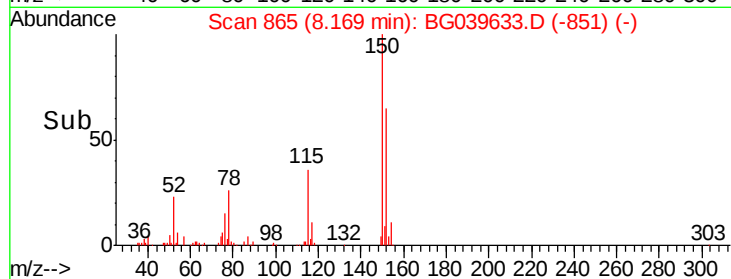
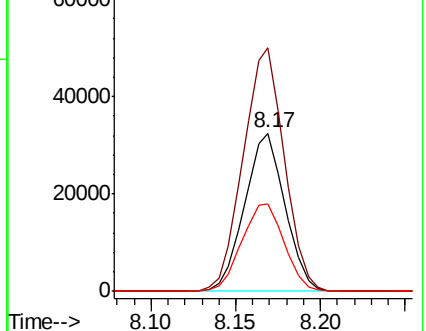
115 55.1 45.9 68.9



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: 159.191 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039633.D

Acq: 27 Feb 2019 14:00

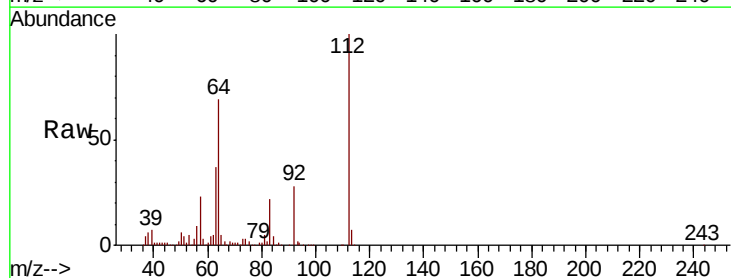
Tgt Ion:112 Resp: 500368

Ion Ratio Lower Upper

112 100

64 69.0 57.8 86.8

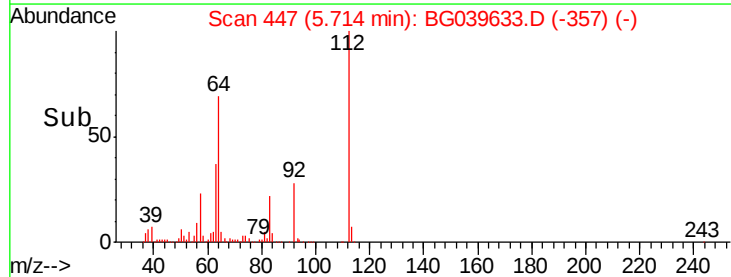
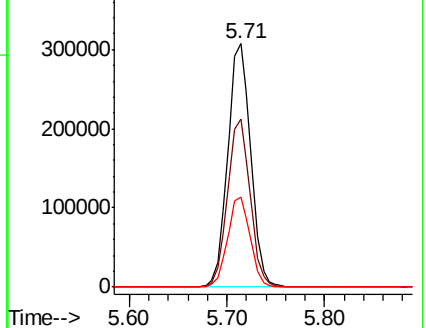
63 36.9 29.8 44.6

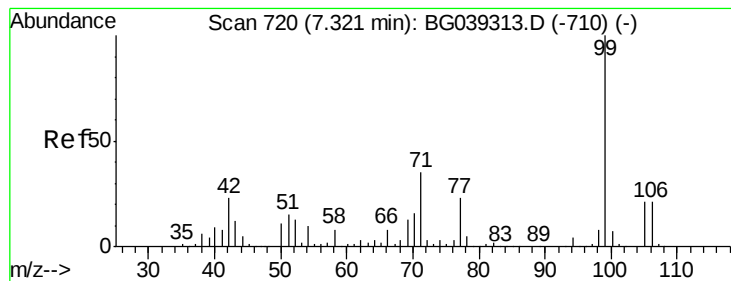


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 152.865 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039633.D

Acq: 27 Feb 2019 14:00

Instrument :

BNA_G

ClientSampled :

B-2(8-9)

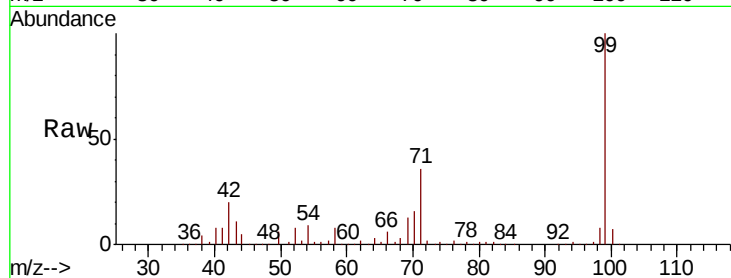
Tot Ion: 99 Resp: 707257

Ion Ratio Lower Upper

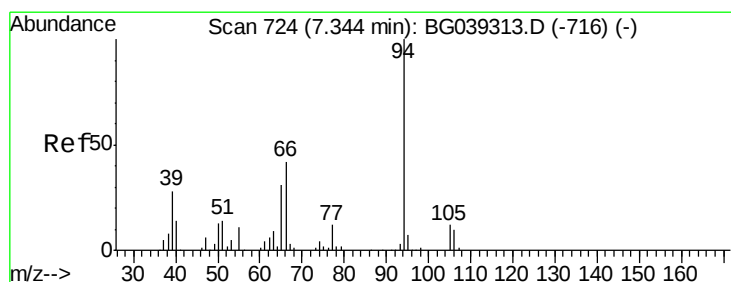
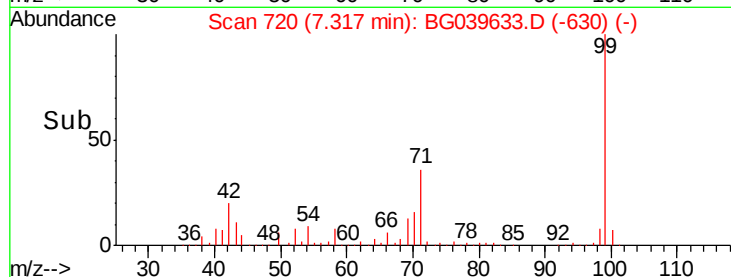
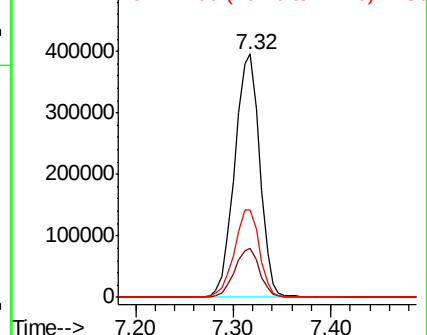
99 100

42 19.9 18.2 27.2

71 35.7 28.0 42.0



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: 9.159 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039633.D

Acq: 27 Feb 2019 14:00

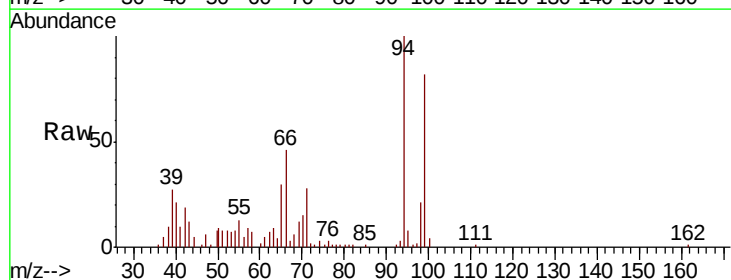
Tgt Ion: 94 Resp: 44172

Ion Ratio Lower Upper

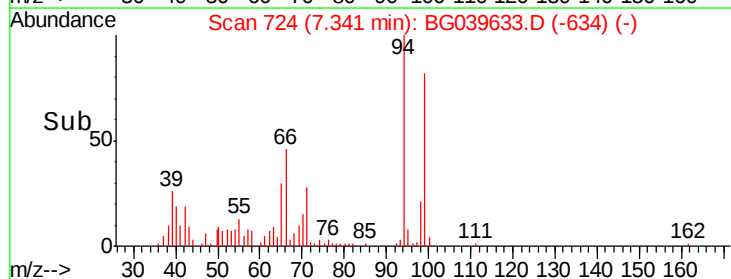
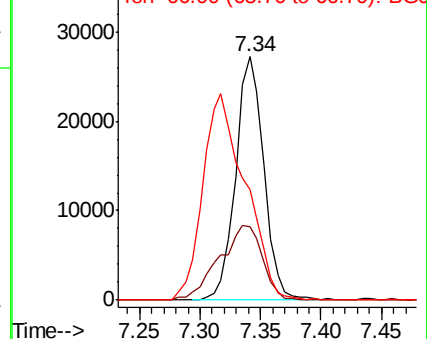
94 100

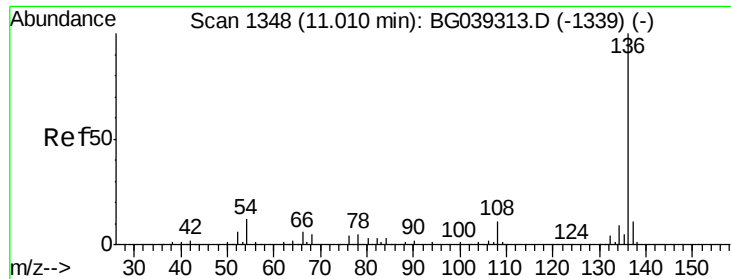
65 30.3 11.7 51.7

66 45.5 23.7 63.7



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

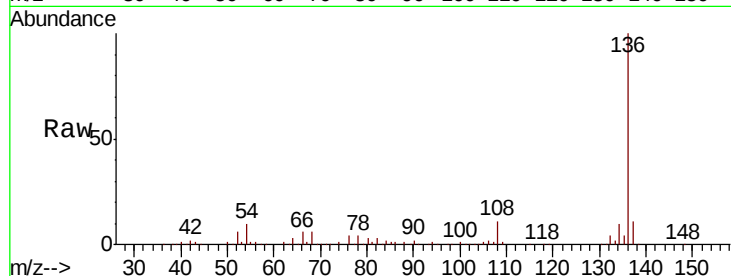




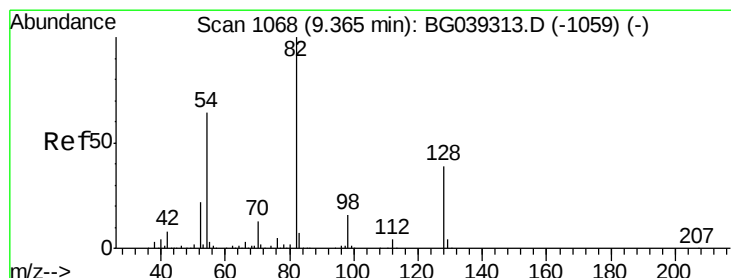
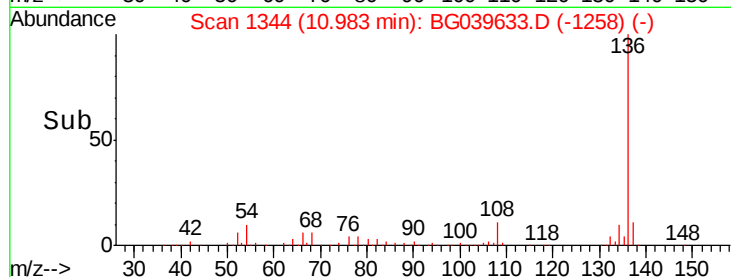
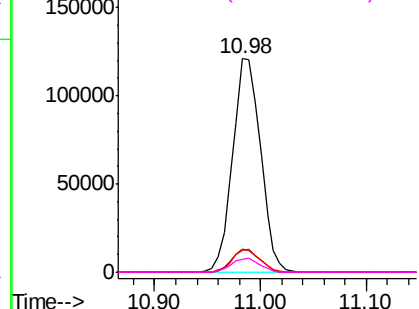
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BG039633.D
Acq: 27 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
B-2(8-9)

Tot Ion:136	Resp:	220901
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	9.9	9.4 14.2
68	5.9	4.2 6.4

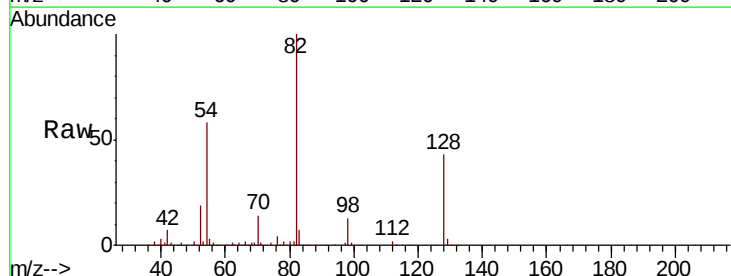


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

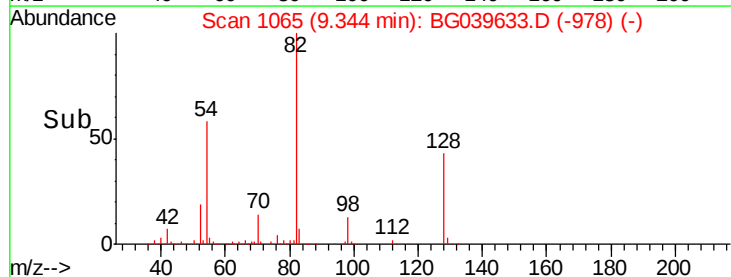
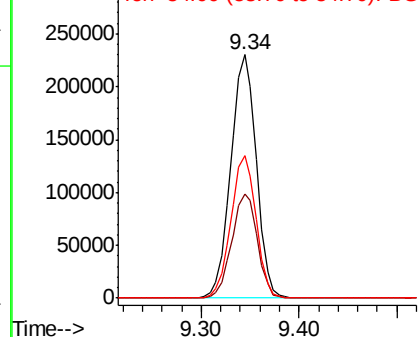


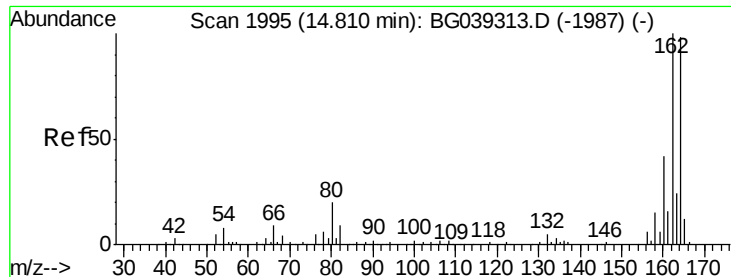
#23
Nitrobenzene-d5
Concen: 117.586 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039633.D
Acq: 27 Feb 2019 14:00

Tgt Ion: 82	Resp:	415787
Ion Ratio	Lower	Upper
82	100	
128	42.7	31.3 46.9
54	58.5	50.9 76.3



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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039633.D

Acq: 27 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

B-2(8-9)

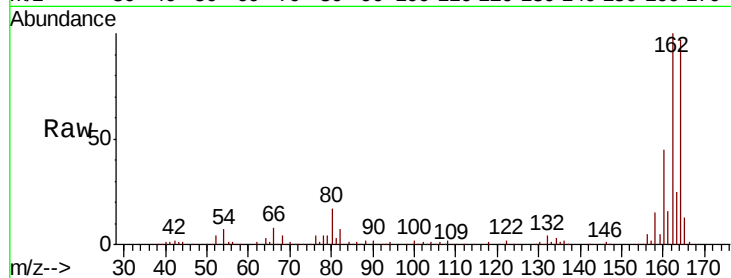
Tot Ion:164 Resp: 153543

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

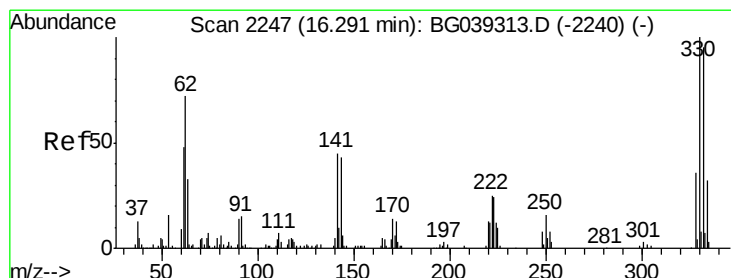
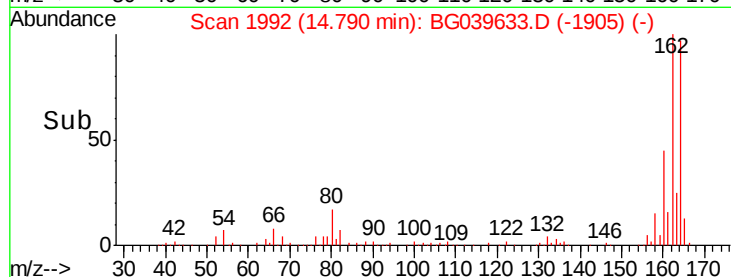
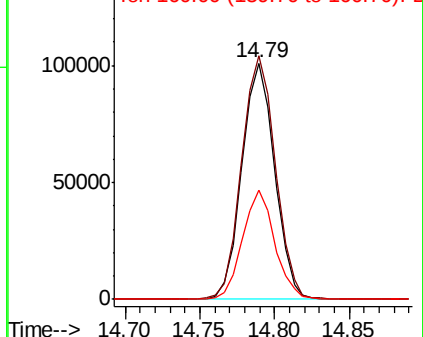
160 46.1 34.2 51.2



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: 174.173 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039633.D

Acq: 27 Feb 2019 14:00

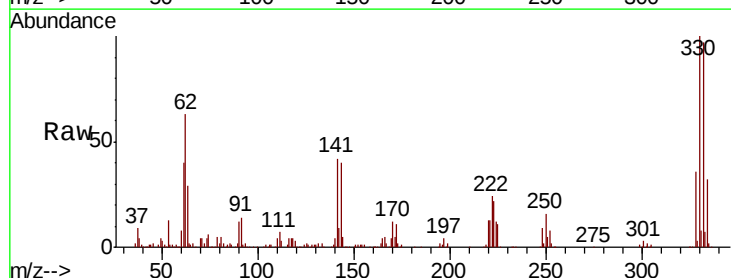
Tgt Ion:330 Resp: 287976

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

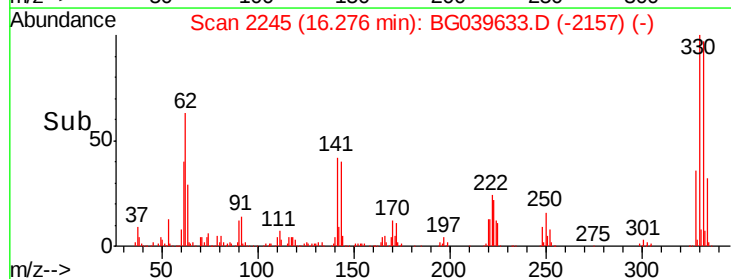
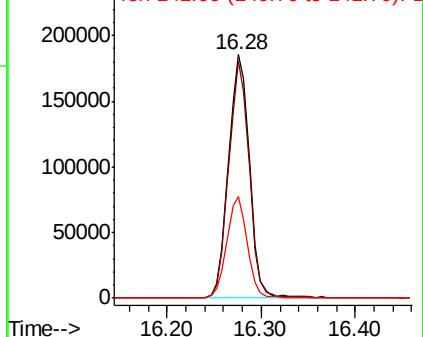
141 40.4 35.6 53.4

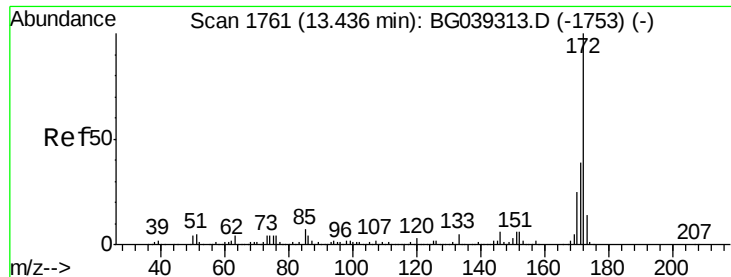


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

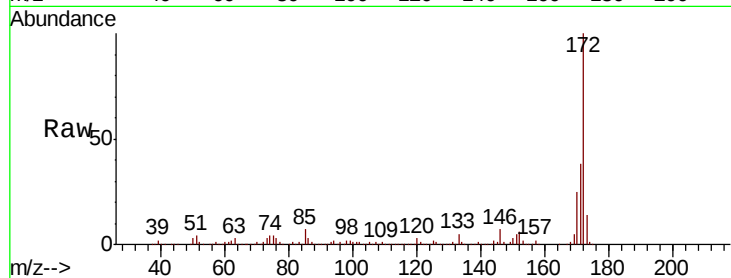




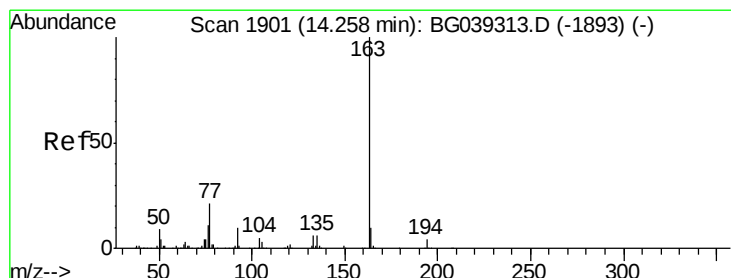
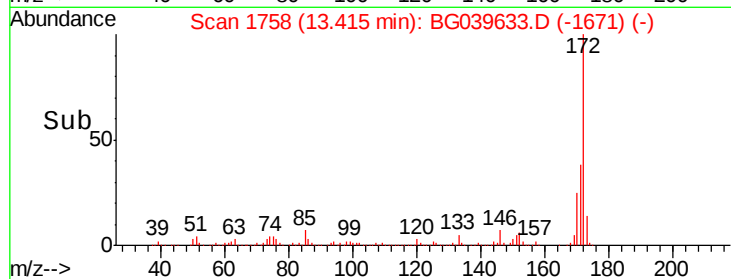
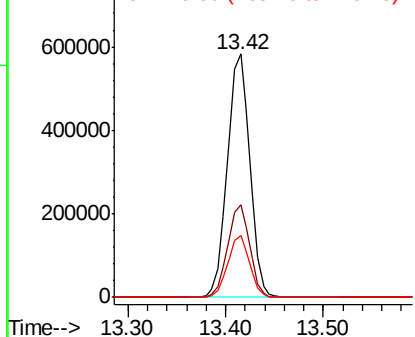
#45
2-Fluorobiphenyl
Concen: 87.051 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039633.D
Acq: 27 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
B-2(8-9)

Tot Ion:172 Resp: 931721
Ion Ratio Lower Upper
172 100
171 37.9 30.8 46.2
170 25.2 20.2 30.4

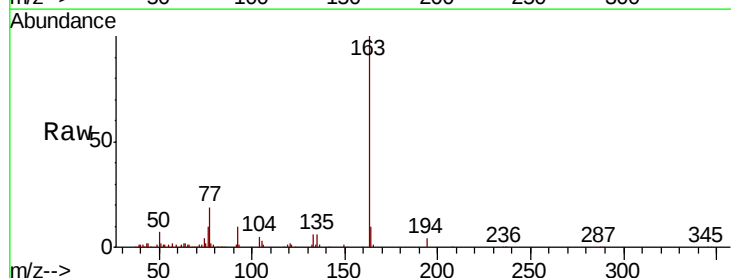


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

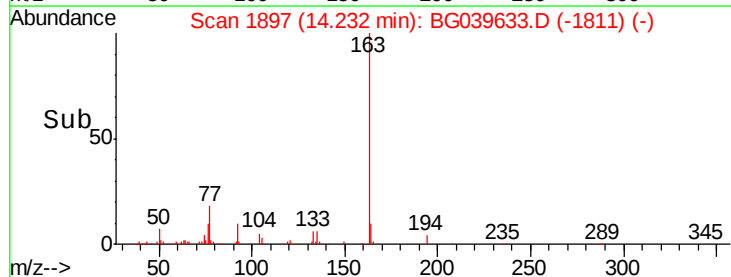
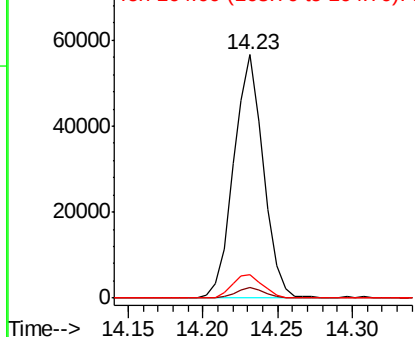


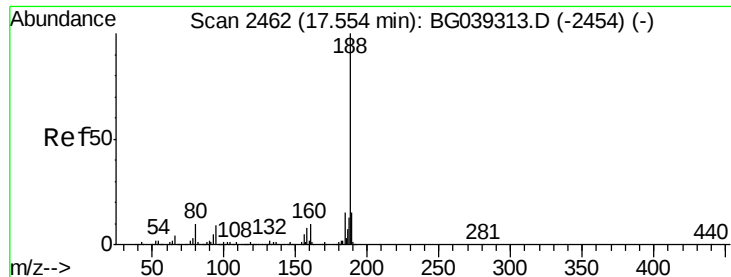
#50
Dimethylphthalate
Concen: 6.326 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039633.D
Acq: 27 Feb 2019 14:00

Tgt Ion:163 Resp: 78453
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 9.5 8.4 12.6



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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039633.D

Acq: 27 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

B-2(8-9)

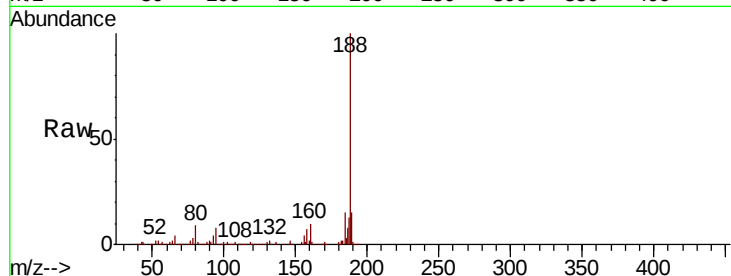
Tot Ion:188 Resp: 382005

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

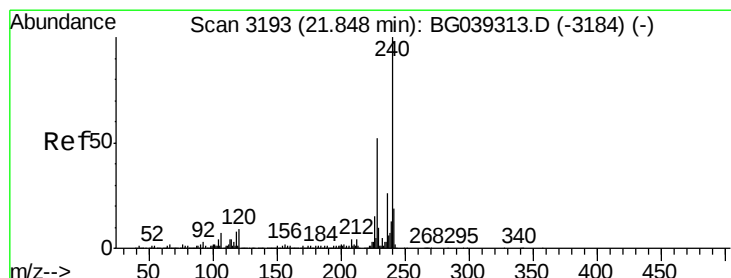
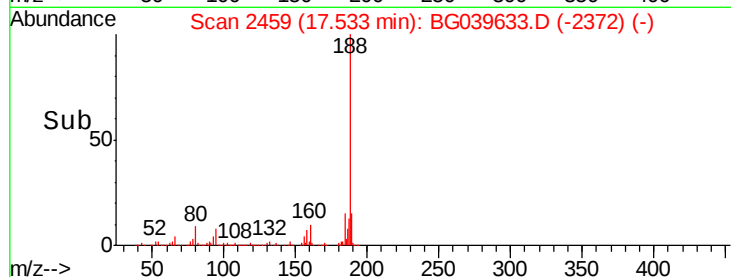
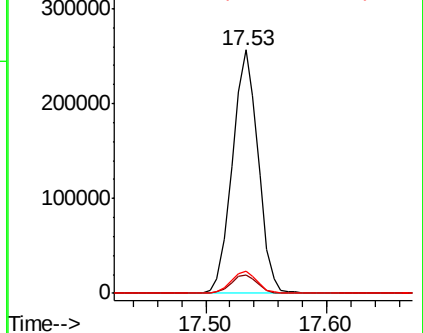
80 9.3 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039633.D

Acq: 27 Feb 2019 14:00

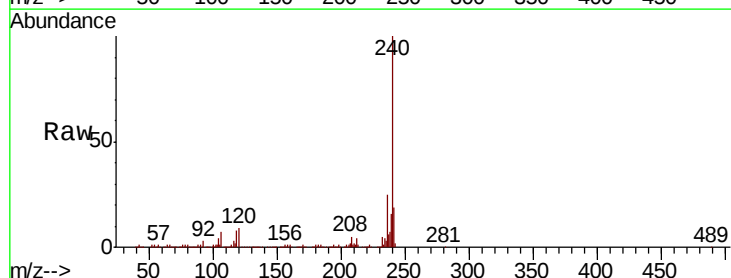
Tgt Ion:240 Resp: 388192

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

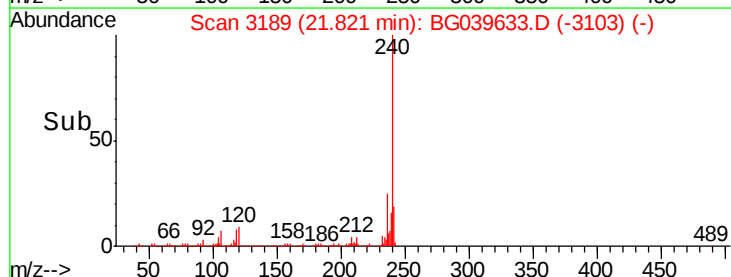
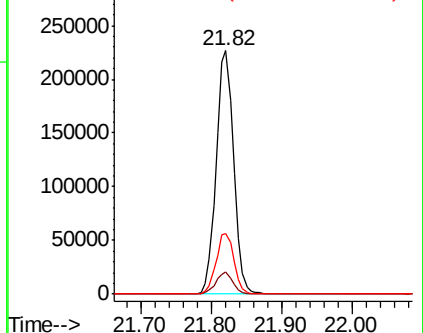
236 24.6 21.0 31.4

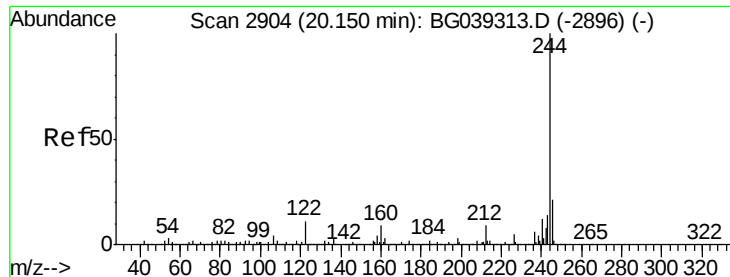


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.900 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039633.D

Acq: 27 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

B-2(8-9)

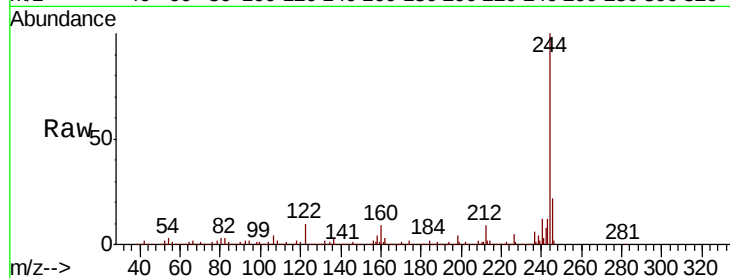
Tot Ion:244 Resp: 1465330

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

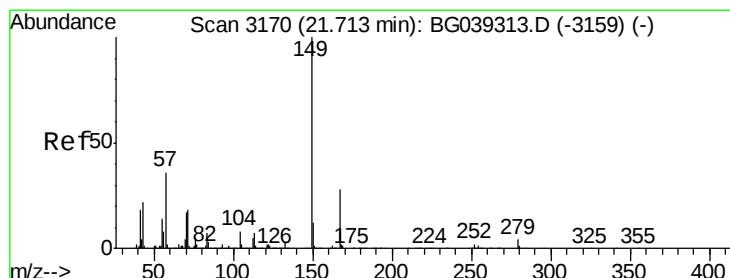
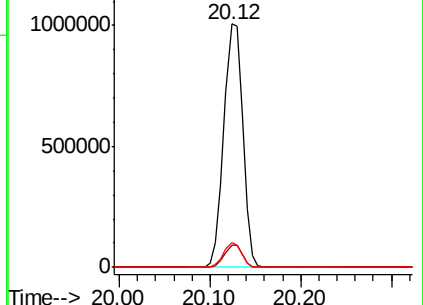
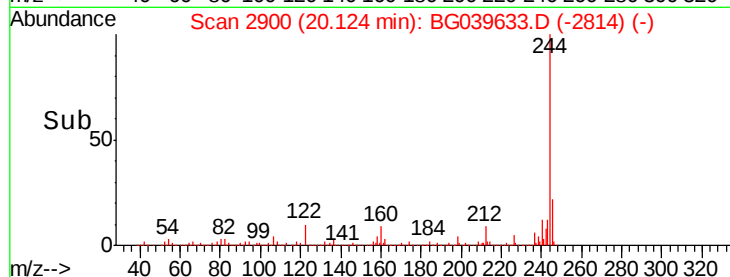
122 10.4 8.4 12.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.119 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039633.D

Acq: 27 Feb 2019 14:00

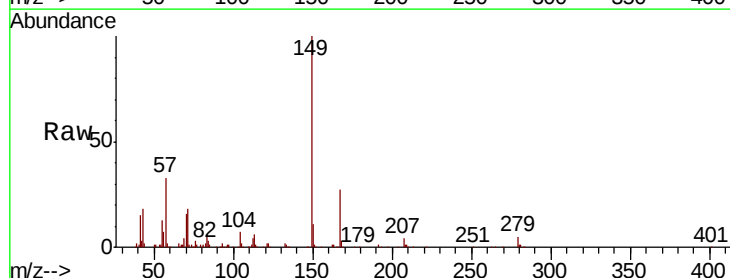
Tgt Ion:149 Resp: 118083

Ion Ratio Lower Upper

149 100

167 27.1 22.6 34.0

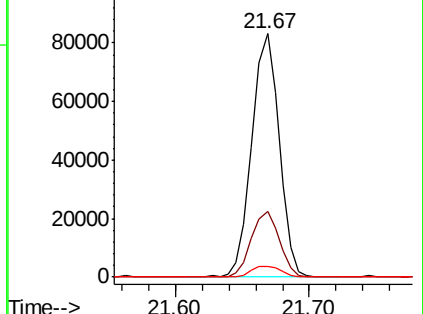
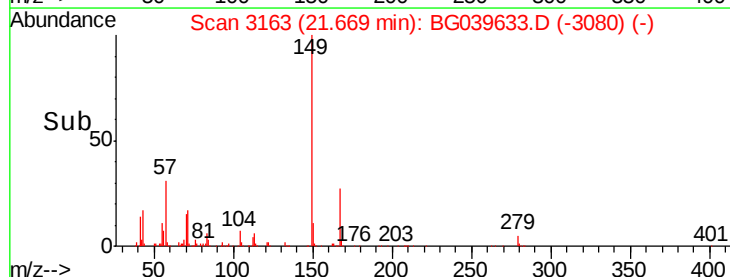
279 4.6 3.5 5.3

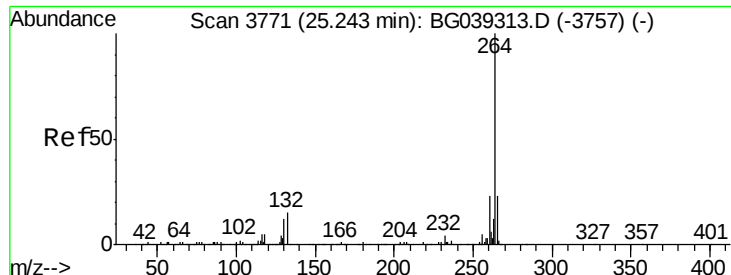


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039633.D
Acq: 27 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
B-2(8-9)

Tot Ion:	264	Resp:	401158
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.3	18.5	27.7

