

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039607.D
 Acq On : 26 Feb 2019 19:20
 Operator : JU/SJ
 Sample : K1610-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WV-C

Quant Time: Feb 27 06:02:12 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

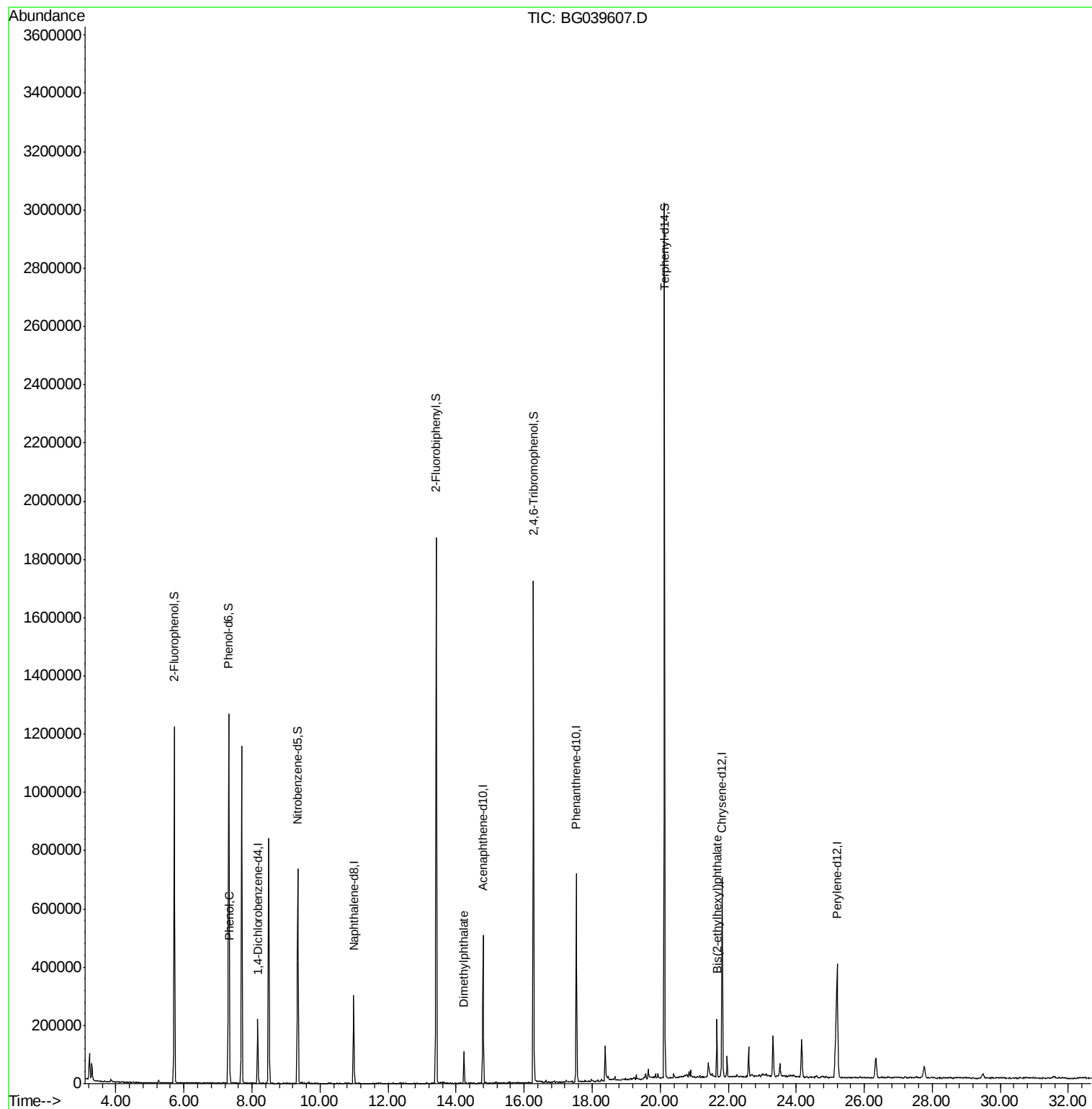
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60853	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	261076	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	180587	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	438924	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	434008	20.00	ng	-0.03
87) Perylene-d12	25.20	264	441993	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	505517	142.18	ng	0.00
7) Phenol-d6	7.32	99	732478	139.96	ng	0.00
23) Nitrobenzene-d5	9.34	82	437576	104.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	298792	153.65	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	973429	77.33	ng	-0.02
79) Terphenyl-d14	20.12	244	1424784	69.49	ng	-0.03
Target Compounds						
10) Phenol	7.34	94	24941	4.572	ng	96
50) Dimethylphthalate	14.23	163	72028	4.939	ng	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	82415	5.069	ng	99

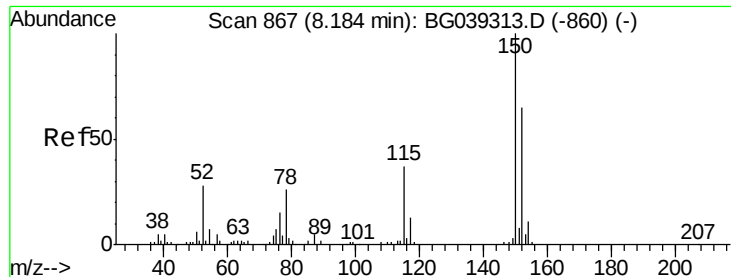
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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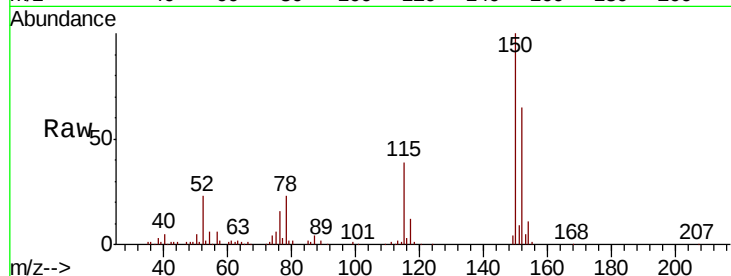


#1

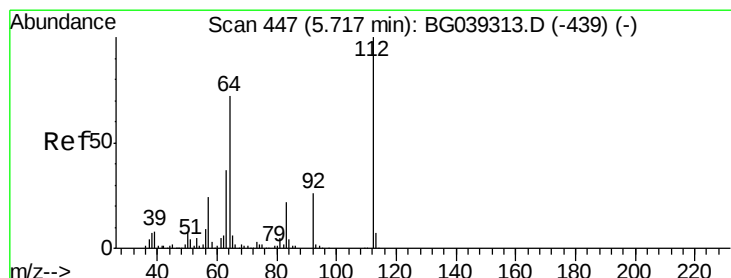
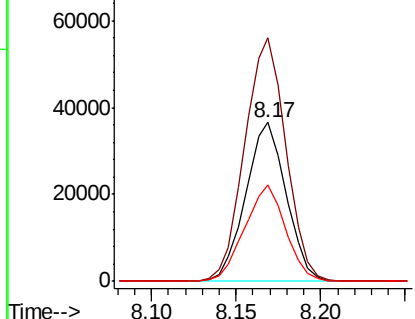
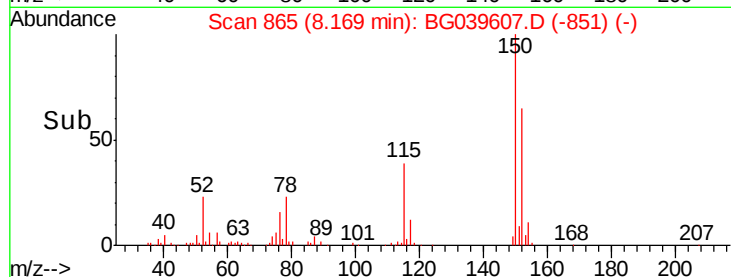
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039607.D
Acq: 26 Feb 2019 19:20

Instrument :
BNA_G
ClientSampleId :
WV-C

Tot Ion:152 Resp: 60853
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 60.4 45.9 68.9



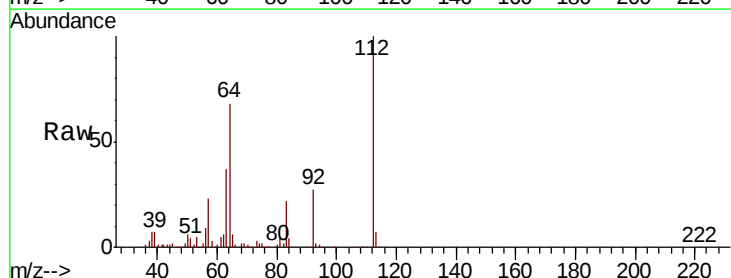
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



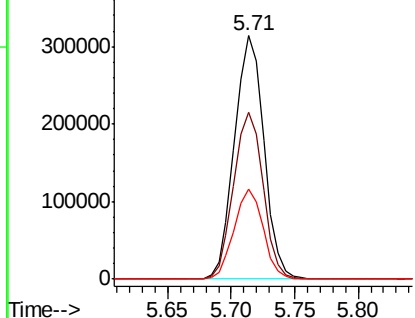
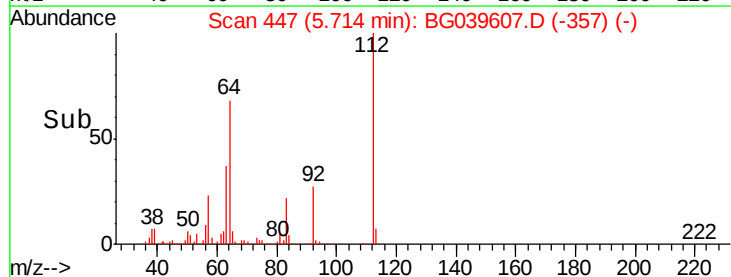
#5

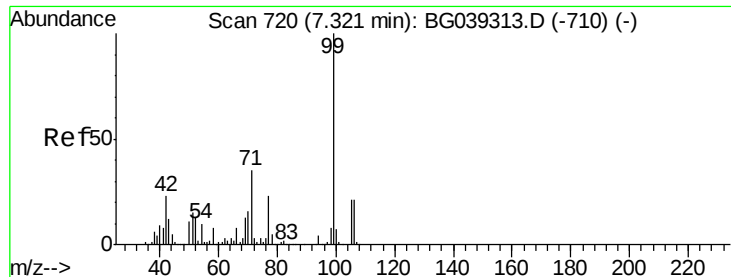
2-Fluorophenol
Concen: 142.178 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039607.D
Acq: 26 Feb 2019 19:20

Tgt Ion:112 Resp: 505517
Ion Ratio Lower Upper
112 100
64 68.4 57.8 86.8
63 37.1 29.8 44.6



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: 139.956 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039607.D

Acq: 26 Feb 2019 19:20

Instrument :

BNA_G

ClientSampled :

WV-C

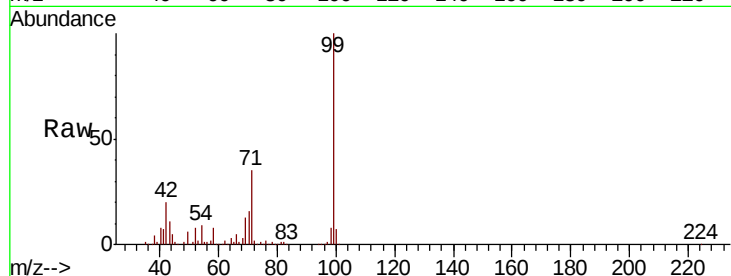
Tot Ion: 99 Resp: 732478

Ion Ratio Lower Upper

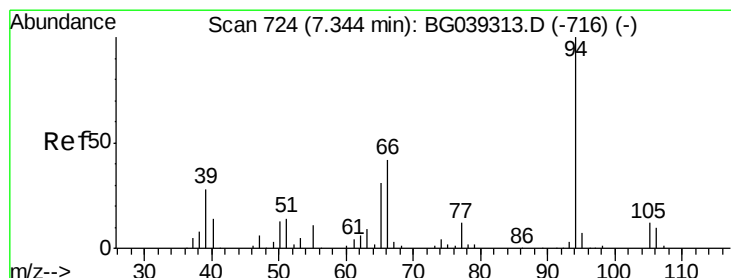
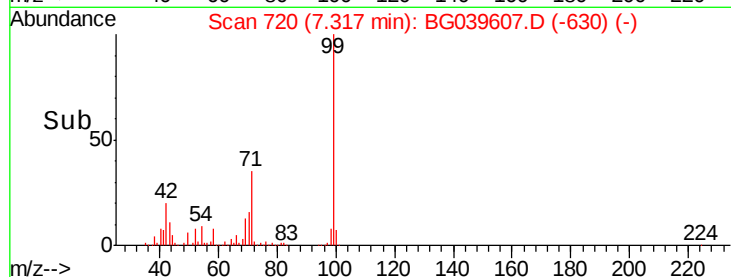
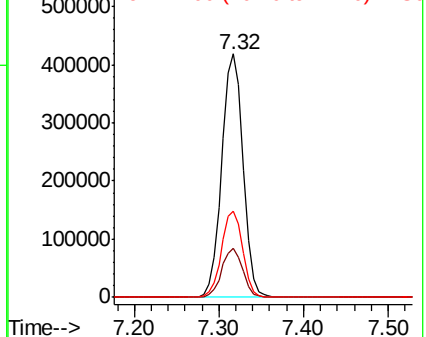
99 100

42 20.1 18.2 27.2

71 35.3 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: 4.572 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039607.D

Acq: 26 Feb 2019 19:20

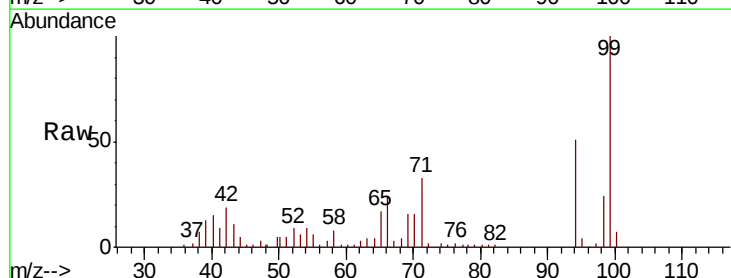
Tgt Ion: 94 Resp: 24941

Ion Ratio Lower Upper

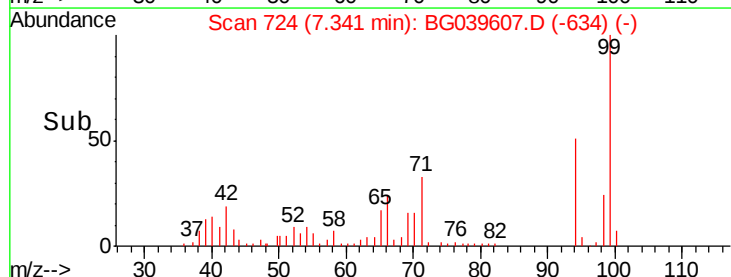
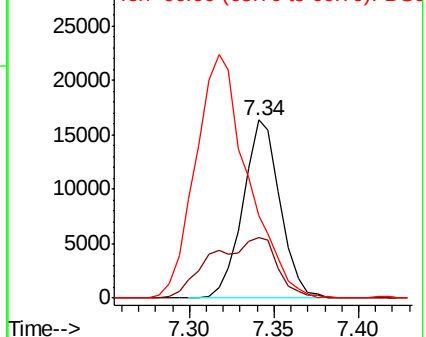
94 100

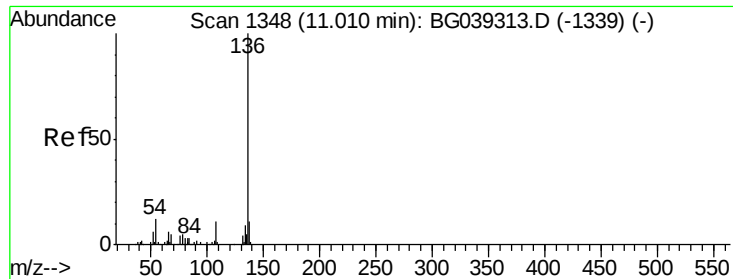
65 33.9 11.7 51.7

66 46.1 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

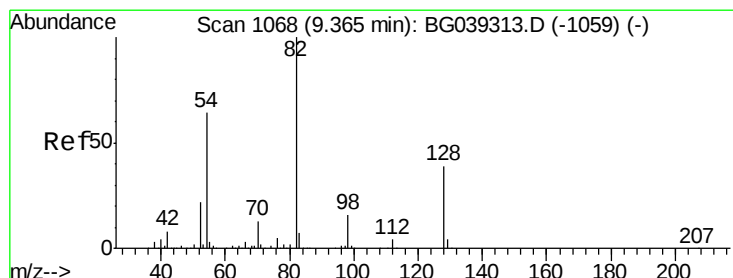
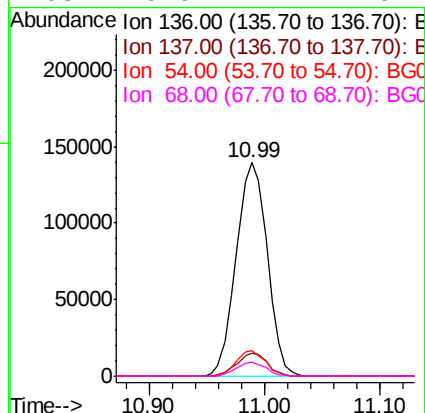
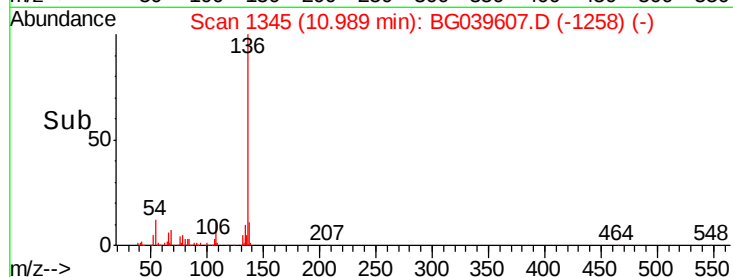
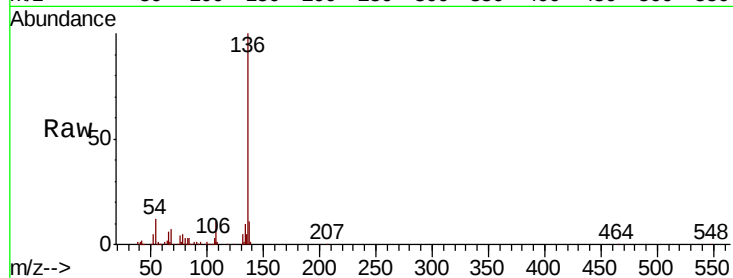




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039607.D
Acq: 26 Feb 2019 19:20

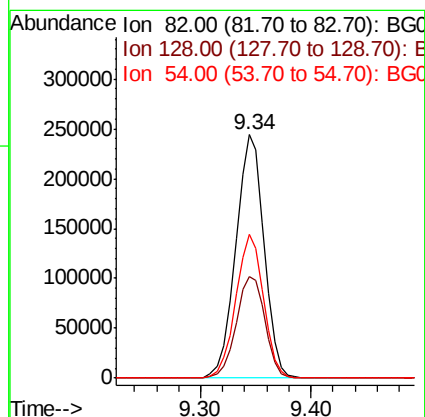
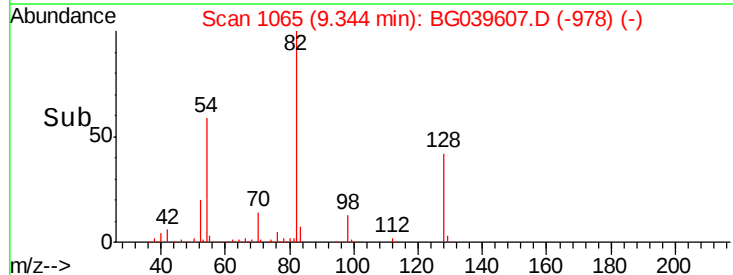
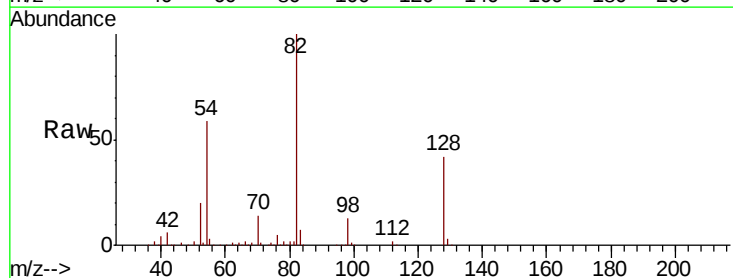
Instrument :
BNA_G
ClientSampleId :
WV-C

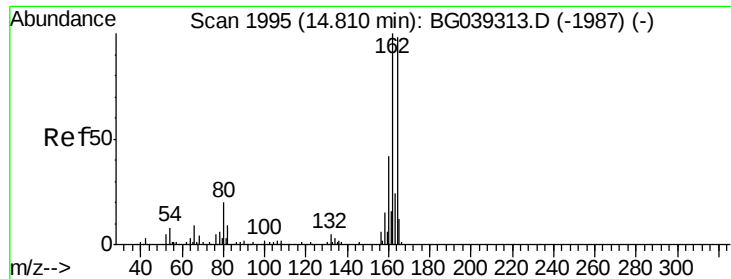
Tot Ion:136	Resp:	261076
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	11.9	9.4 14.2
68	6.6	4.2 6.4#



#23
Nitrobenzene-d5
Concen: 104.705 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039607.D
Acq: 26 Feb 2019 19:20

Tgt Ion: 82	Resp:	437576
Ion Ratio	Lower	Upper
82	100	
128	41.9	31.3 46.9
54	59.1	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039607.D

Acq: 26 Feb 2019 19:20

Instrument :

BNA_G

ClientSampleId :

WV-C

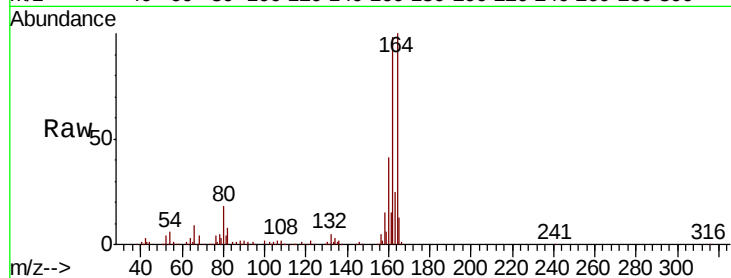
Tot Ion:164 Resp: 180587

Ion Ratio Lower Upper

164 100

162 98.2 81.6 122.4

160 41.4 34.2 51.2

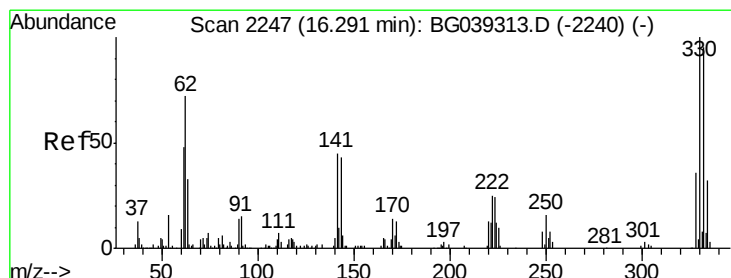
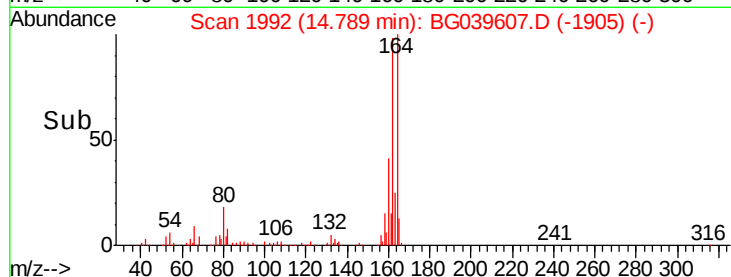
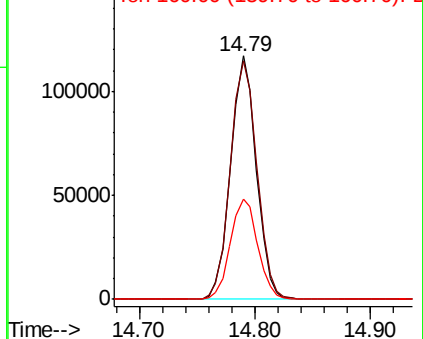


Abundance

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: 153.651 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039607.D

Acq: 26 Feb 2019 19:20

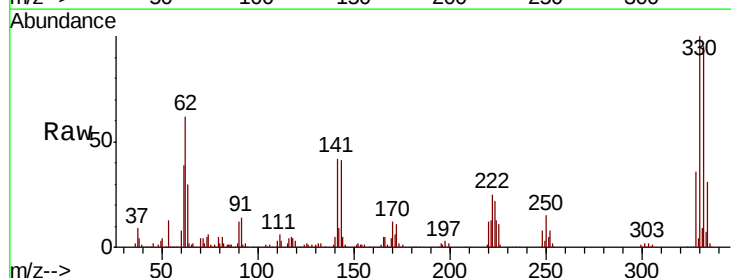
Tgt Ion:330 Resp: 298792

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

141 41.2 35.6 53.4

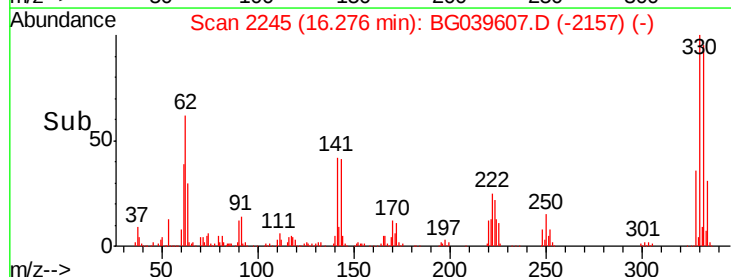
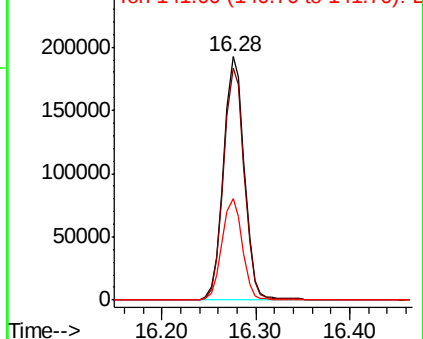


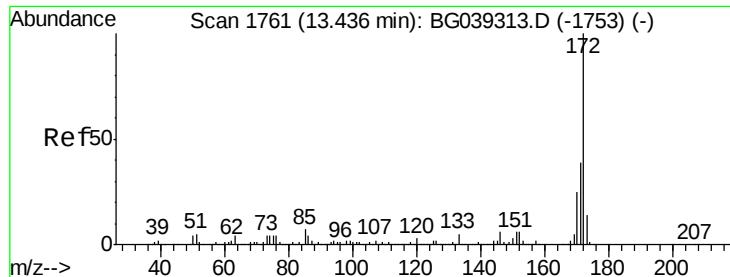
Abundance

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

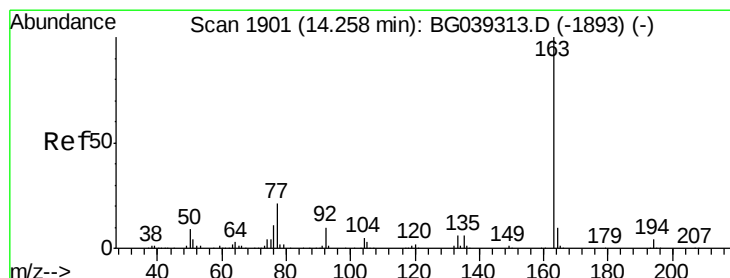
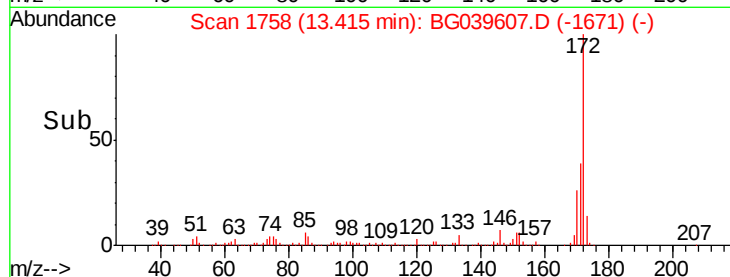
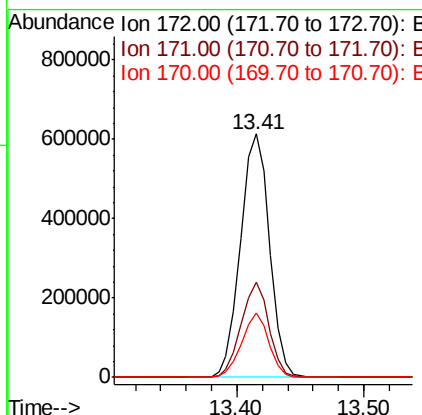
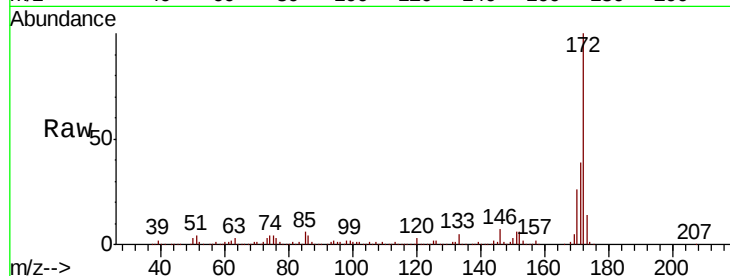




#45
2-Fluorobiphenyl
Concen: 77.327 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039607.D
Acq: 26 Feb 2019 19:20

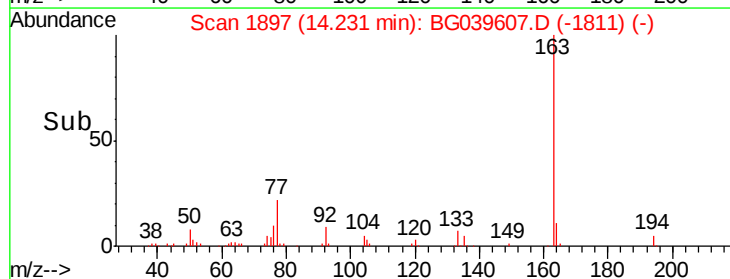
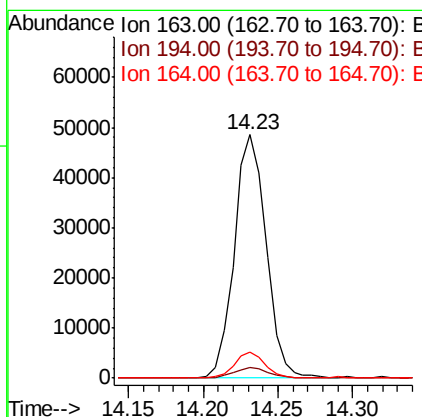
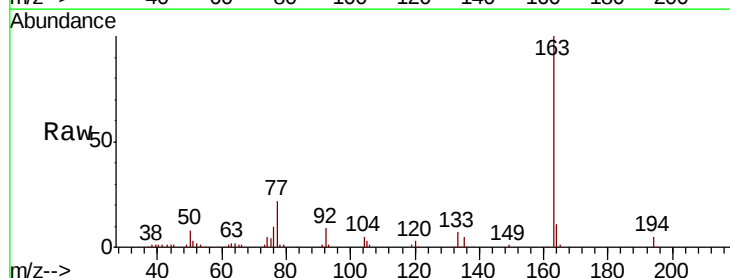
Instrument :
BNA_G
ClientSampleId :
WV-C

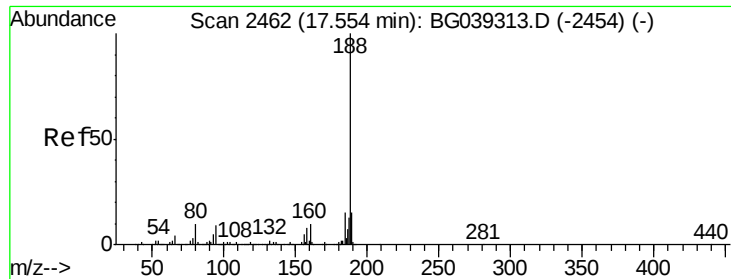
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.8	46.2
170	26.5	20.2	30.4



#50
Dimethylphthalate
Concen: 4.939 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039607.D
Acq: 26 Feb 2019 19:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.7	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039607.D

Acq: 26 Feb 2019 19:20

Instrument :

BNA_G

ClientSampleId :

WV-C

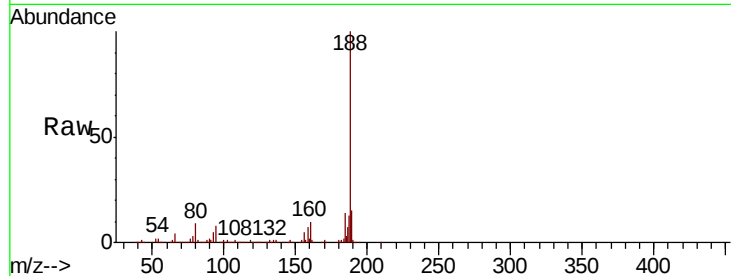
Tot Ion:188 Resp: 438924

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

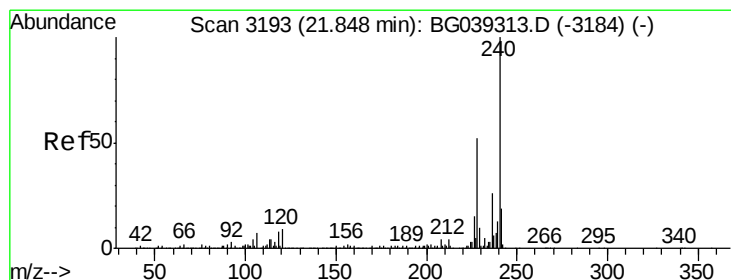
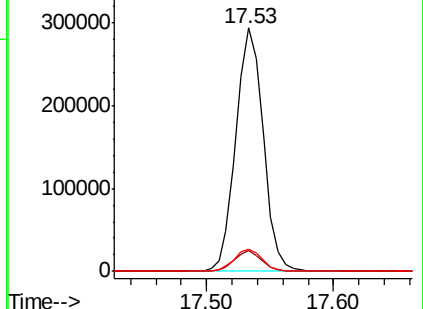
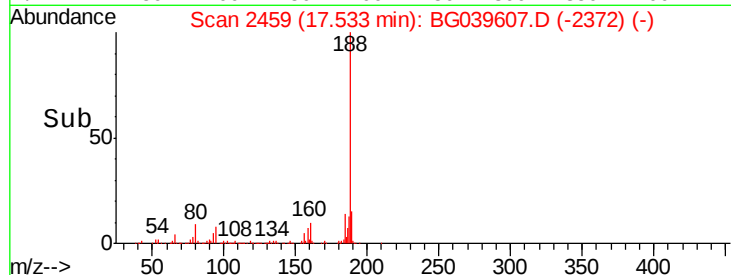
80 9.0 8.1 12.1



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: BG039607.D

Acq: 26 Feb 2019 19:20

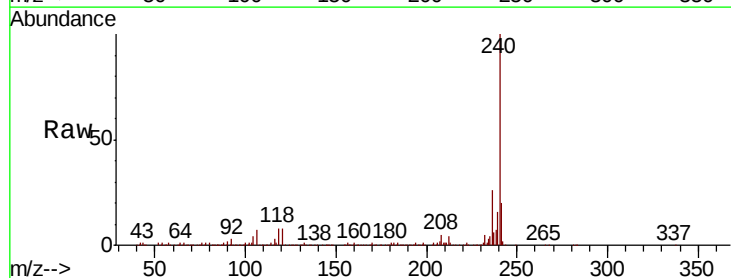
Tgt Ion:240 Resp: 434008

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

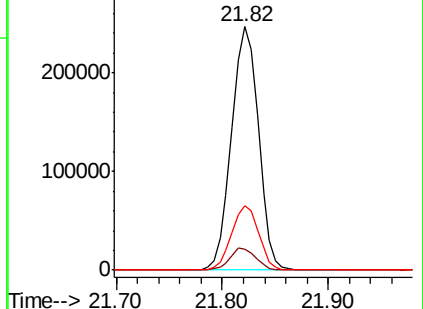
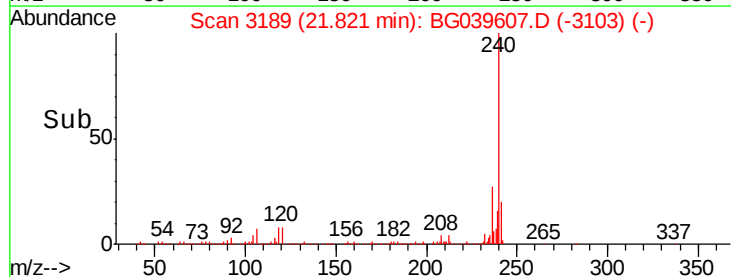
236 26.5 21.0 31.4

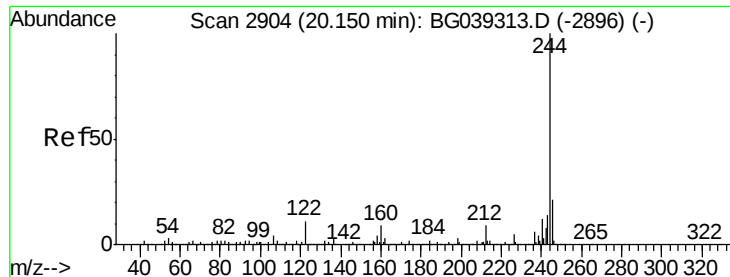


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.488 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039607.D

Acq: 26 Feb 2019 19:20

Instrument :

BNA_G

ClientSampleId :

WV-C

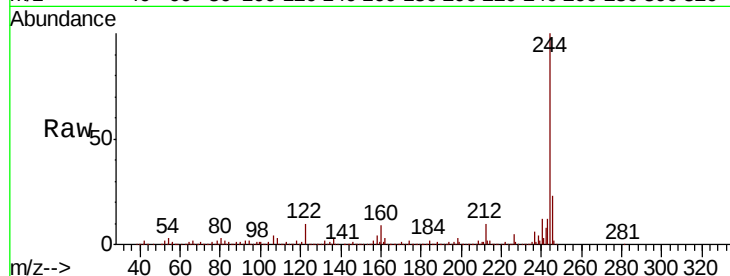
Tot Ion:244 Resp: 1424784

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

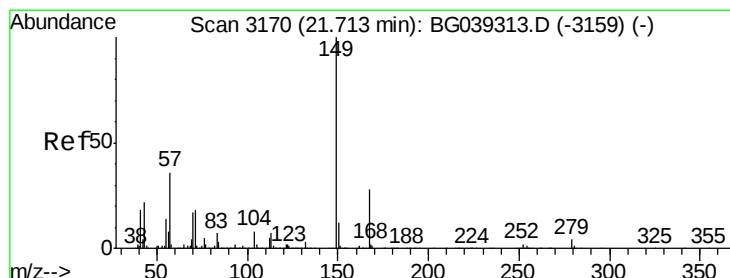
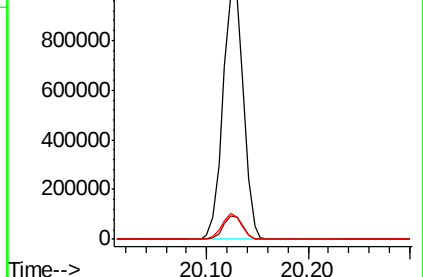
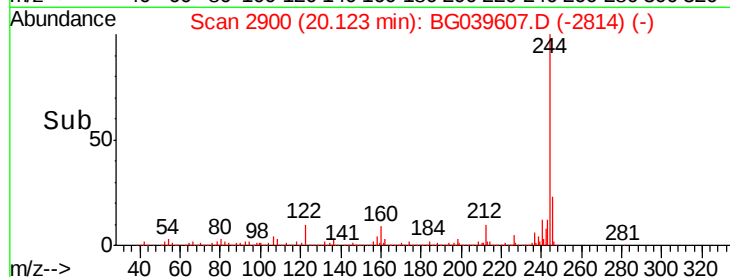
122 10.4 8.4 12.6



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: 5.069 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039607.D

Acq: 26 Feb 2019 19:20

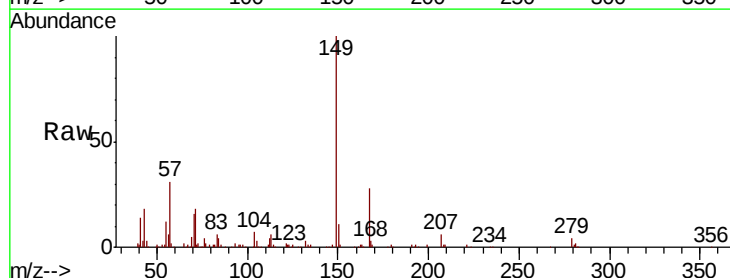
Tgt Ion:149 Resp: 82415

Ion Ratio Lower Upper

149 100

167 27.6 22.6 34.0

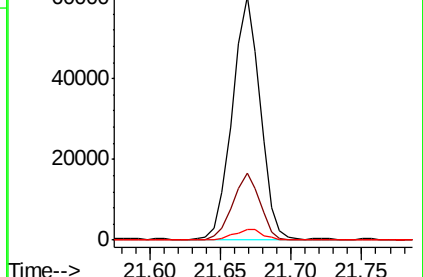
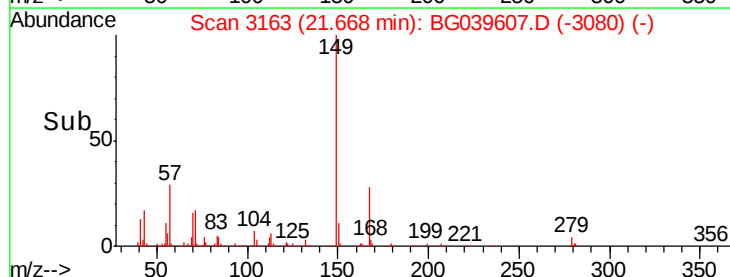
279 4.3 3.5 5.3

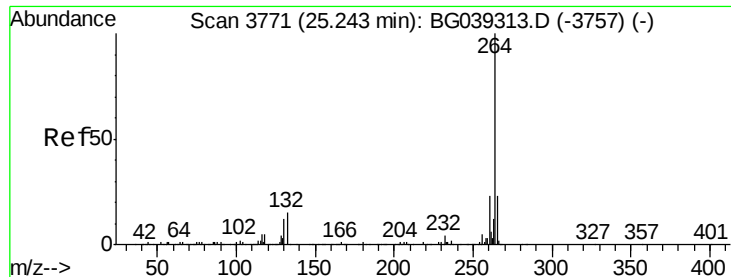


Abundance Ion 149.00 (148.70 to 149.70): E

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: BG039607.D
 Acq: 26 Feb 2019 19:20

Instrument :
 BNA_G
 ClientSampleId :
 WV-C

Tot Ion:	264	Resp:	441993
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.9	18.5	27.7

