

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039243.D
 Acq On : 21 Jan 2019 21:18
 Operator : JU/SJ
 Sample : K1009-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-011819-B

Quant Time: Jan 22 00:19:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15287	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	61920	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	47578	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	124567	20.00	ng	0.00
76) Chrysene-d12	21.67	240	130371	20.00	ng	0.00
87) Perylene-d12	24.93	264	136954	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	100919	125.23	ng	0.00
7) Phenol-d6	7.17	99	125915	108.57	ng	0.00
23) Nitrobenzene-d5	9.19	82	99455	87.89	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	99187	124.37	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	294512	84.72	ng	0.00
79) Terphenyl-d14	20.00	244	604418	85.76	ng	0.00

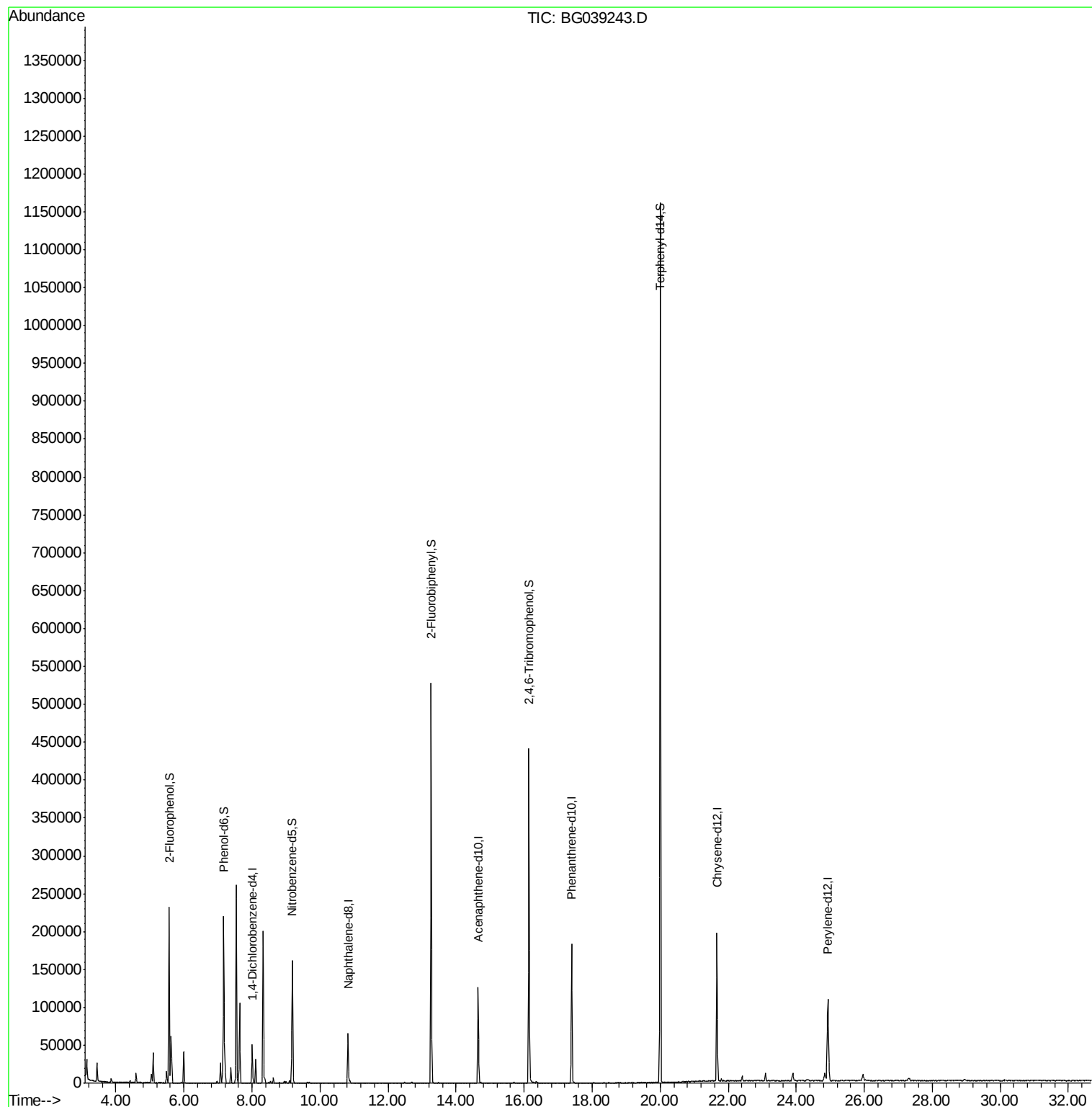
Target Compounds Qvalue

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

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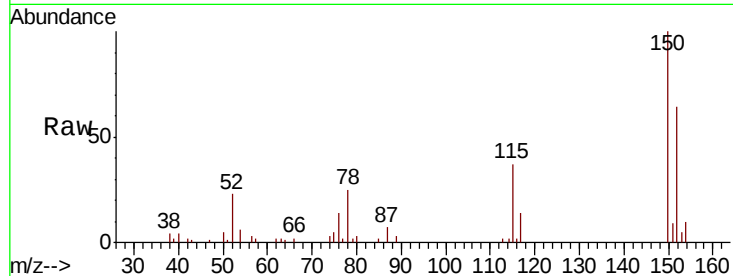


#1

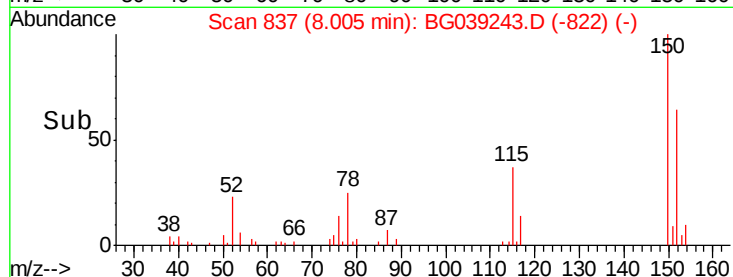
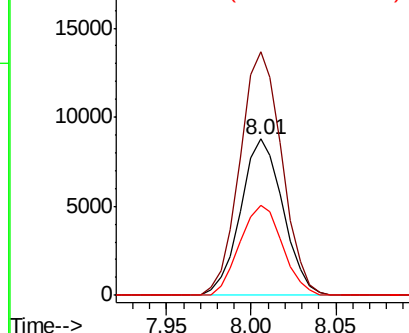
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039243.D
Acq: 21 Jan 2019 21:18

Instrument :
BNA_G
ClientSampleId :
CL-01-011819-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.7	187.1
115	58.0	46.5	69.7



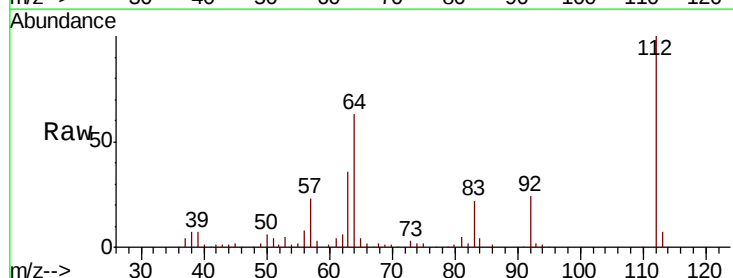
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



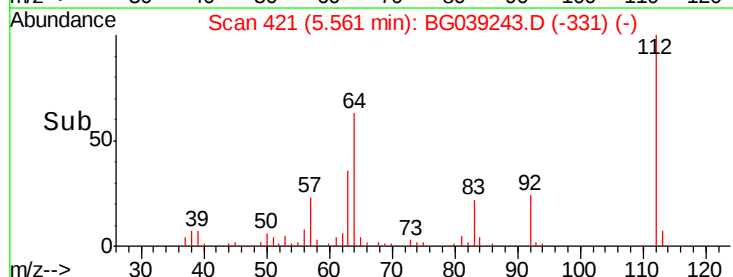
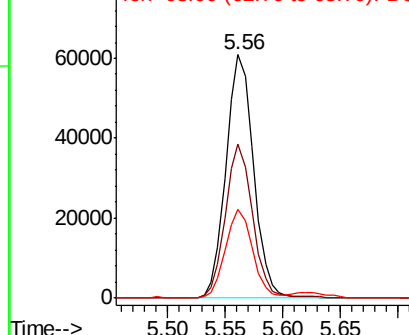
#5

2-Fluorophenol
Concen: 125.232 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039243.D
Acq: 21 Jan 2019 21:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.0	70.6
63	36.2	28.0	42.0



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: 108.572 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039243.D

Acq: 21 Jan 2019 21:18

Instrument :

BNA_G

ClientSampleId :

CL-01-011819-B

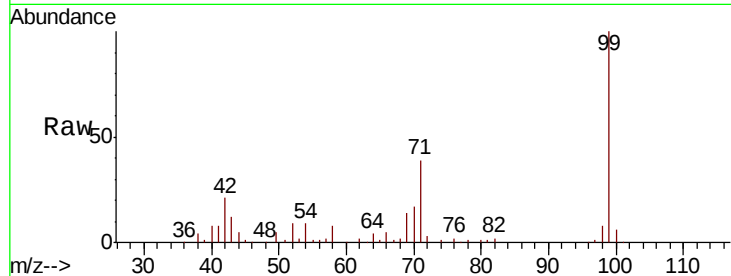
Tot Ion: 99 Resp: 125915

Ion Ratio Lower Upper

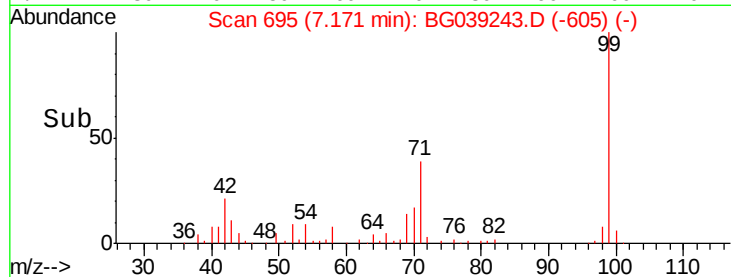
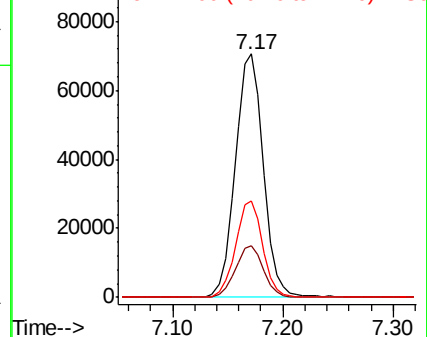
99 100

42 21.2 15.8 23.6

71 39.5 30.2 45.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG039243.D

Acq: 21 Jan 2019 21:18

Tgt Ion: 136 Resp: 61920

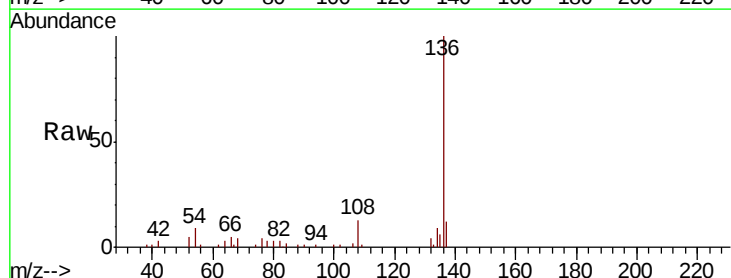
Ion Ratio Lower Upper

136 100

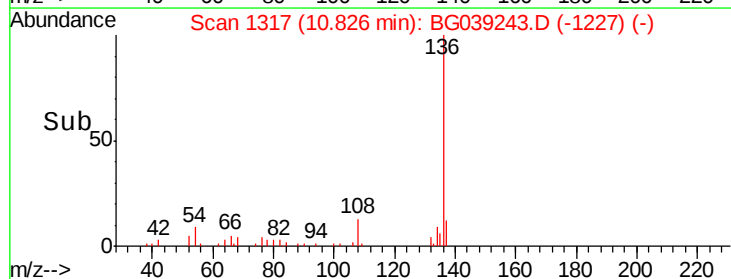
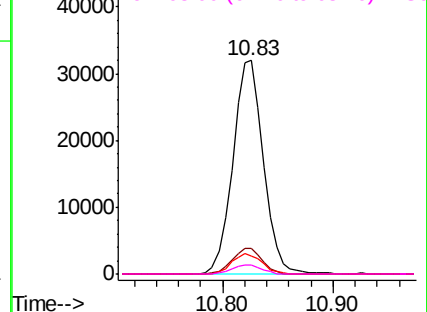
137 11.8 9.4 14.2

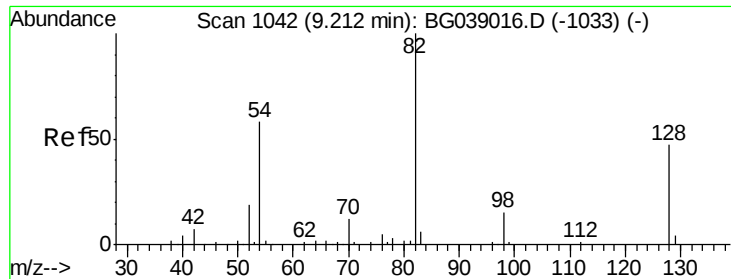
54 8.6 7.2 10.8

68 4.0 3.5 5.3



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

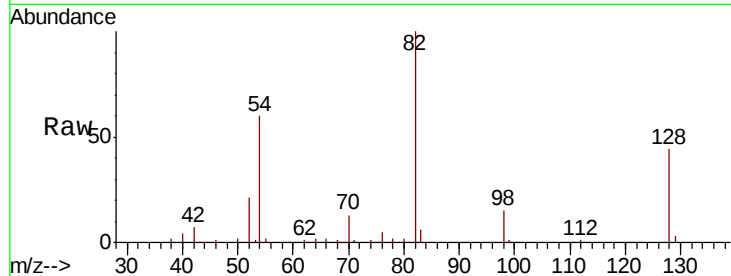




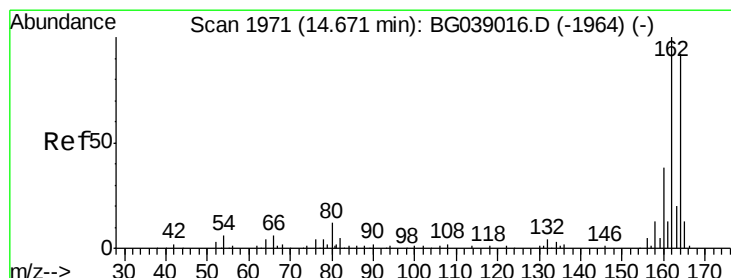
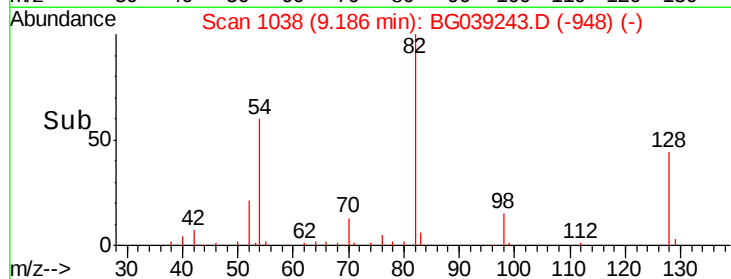
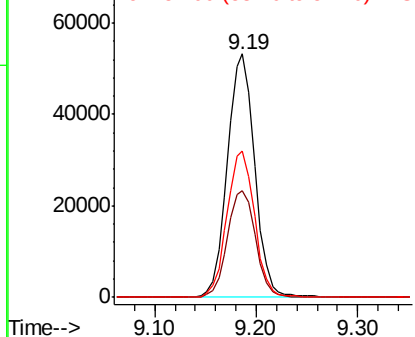
#23
 Nitrobenzene-d5
 Concen: 87.890 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039243.D
 Acq: 21 Jan 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-011819-B

Tot Ion	82.00	Resp	99455
Ion Ratio	Lower	Upper	
82	100		
128	43.9	37.3	55.9
54	60.1	46.4	69.6

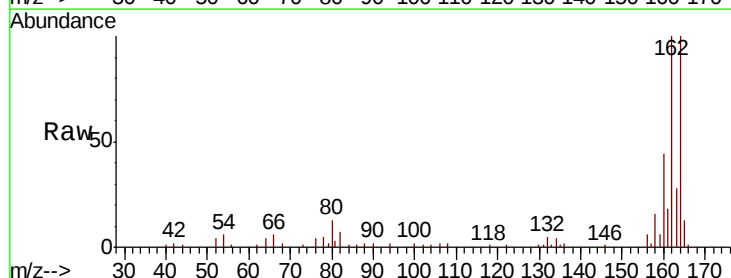


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

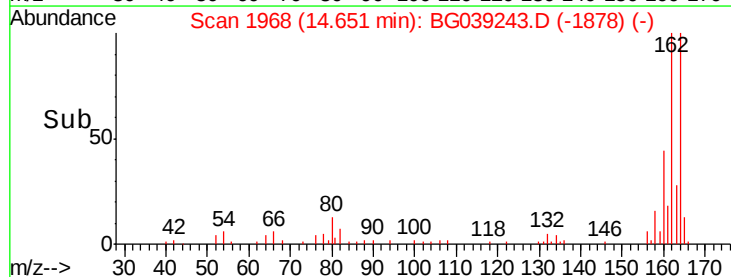
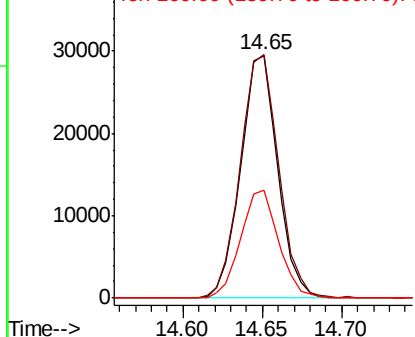


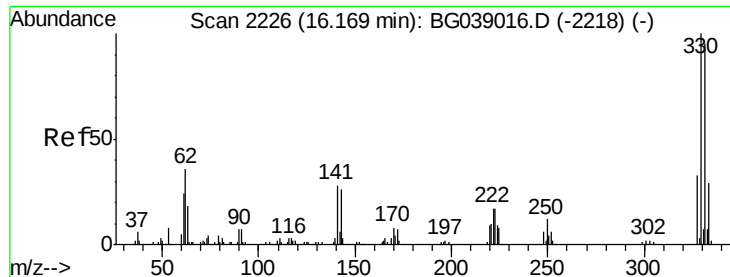
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG039243.D
 Acq: 21 Jan 2019 21:18

Tgt Ion	164.00	Resp	47578
Ion Ratio	Lower	Upper	
164	100		
162	100.5	87.2	130.8
160	44.4	33.3	49.9



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: 124.366 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039243.D

Acq: 21 Jan 2019 21:18

Instrument :

BNA_G

ClientSampleId :

CL-01-011819-B

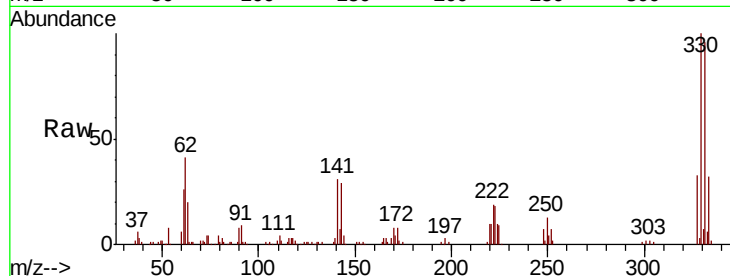
Tot Ion:330 Resp: 99187

Ion Ratio Lower Upper

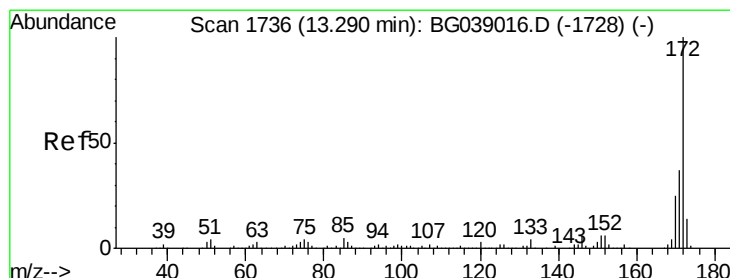
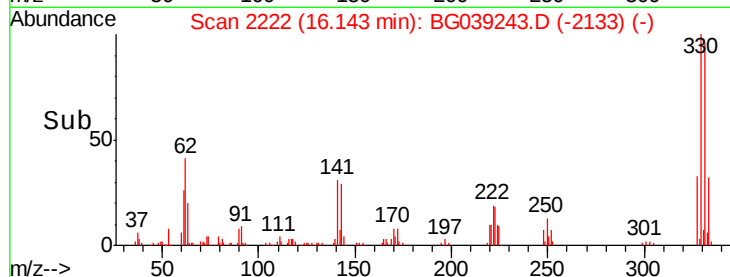
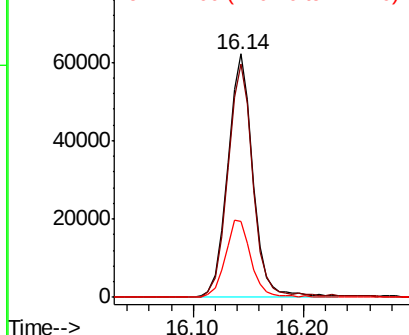
330 100

332 95.5 75.7 113.5

141 32.4 24.9 37.3



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: 84.715 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039243.D

Acq: 21 Jan 2019 21:18

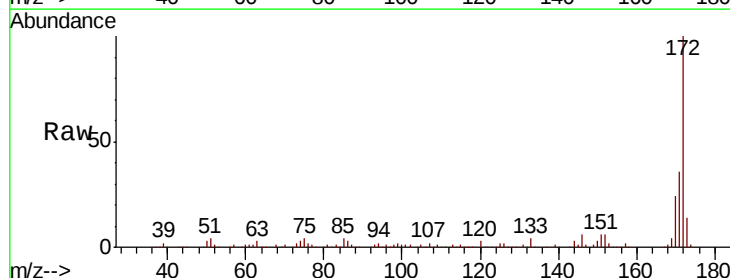
Tgt Ion:172 Resp: 294512

Ion Ratio Lower Upper

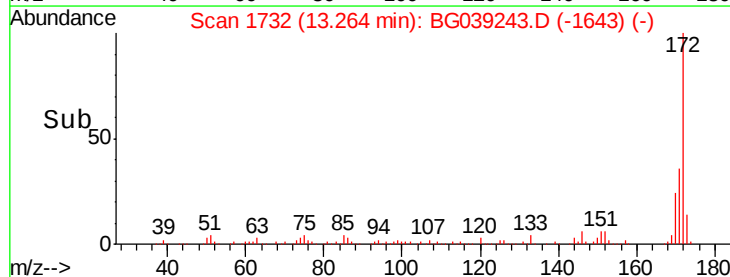
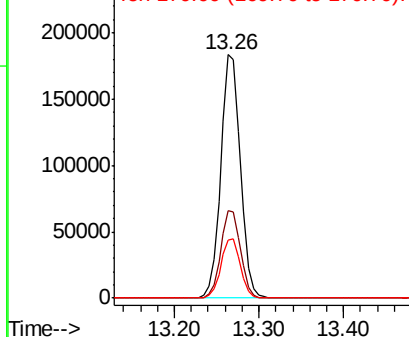
172 100

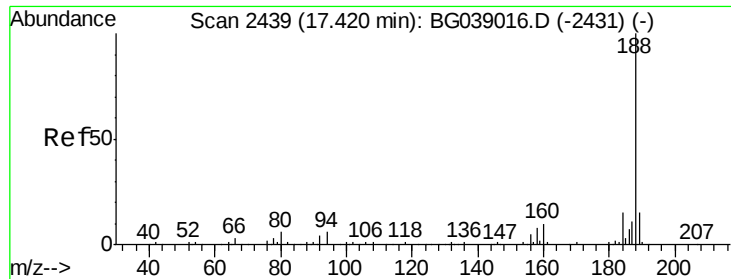
171 36.1 29.4 44.0

170 23.6 20.1 30.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039243.D

Acq: 21 Jan 2019 21:18

Instrument :

BNA_G

ClientSampleId :

CL-01-011819-B

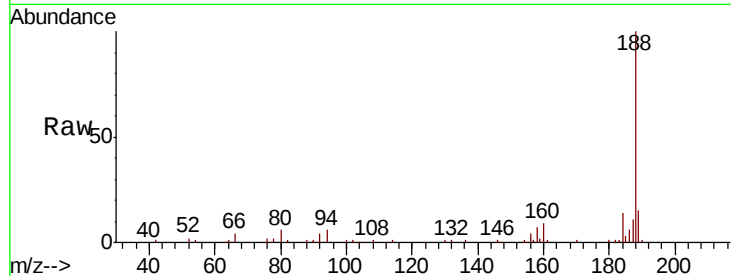
Tot Ion:188 Resp: 124567

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

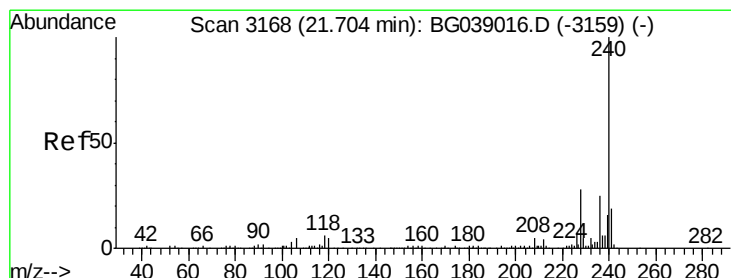
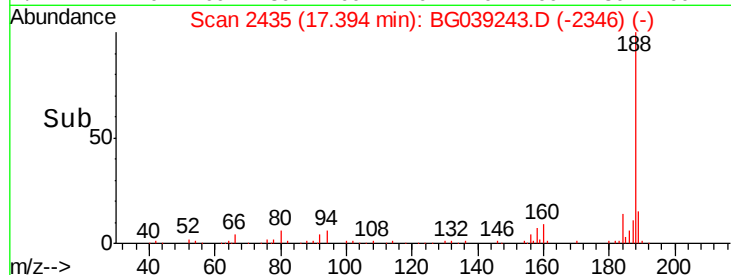
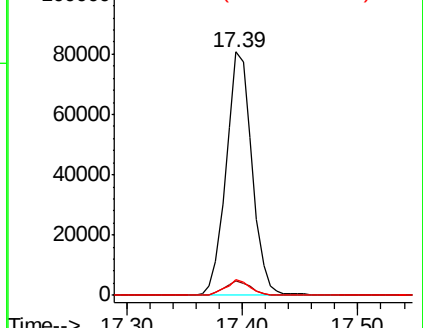
80 6.4 4.7 7.1



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: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039243.D

Acq: 21 Jan 2019 21:18

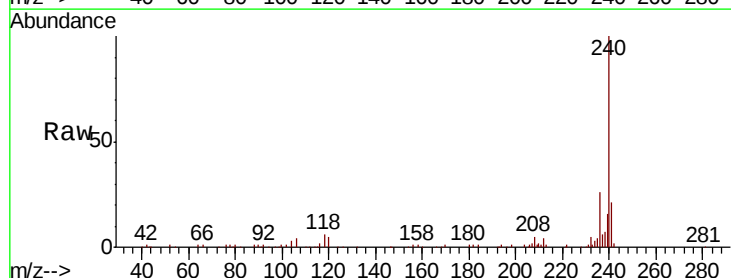
Tgt Ion:240 Resp: 130371

Ion Ratio Lower Upper

240 100

120 5.5 4.3 6.5

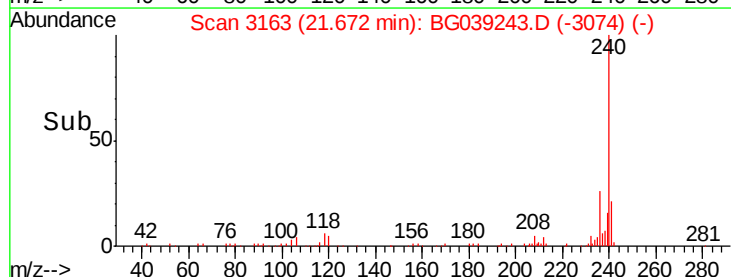
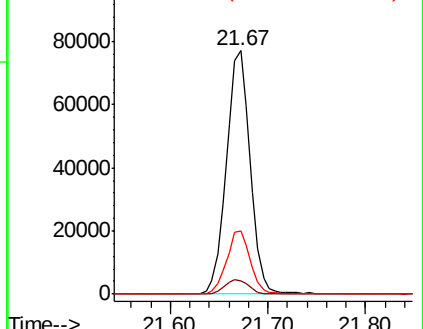
236 25.9 20.1 30.1

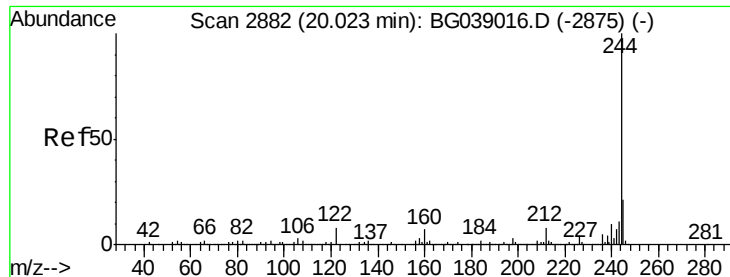


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.764 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039243.D

Acq: 21 Jan 2019 21:18

Instrument :

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ClientSampleId :

CL-01-011819-B

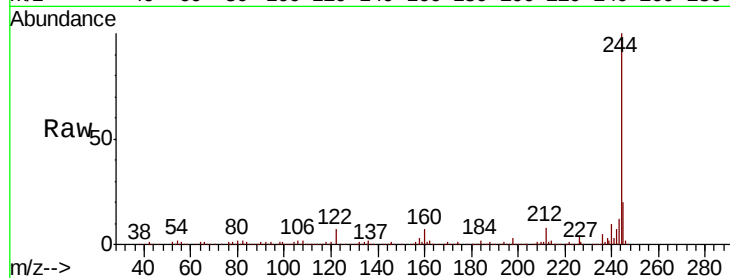
Tot Ion:244 Resp: 604418

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

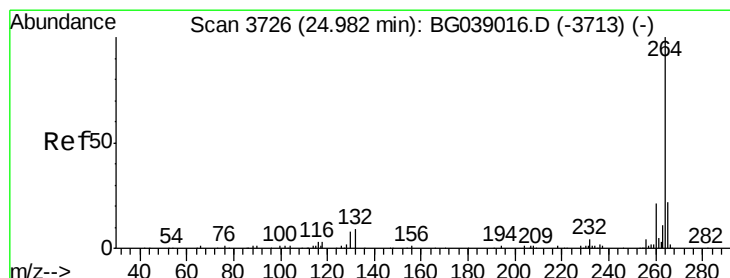
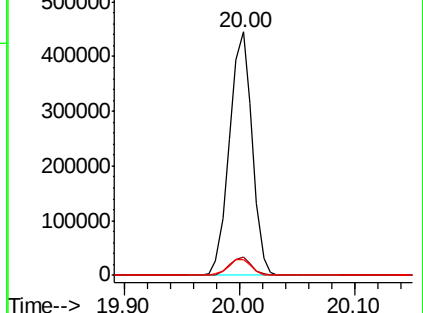
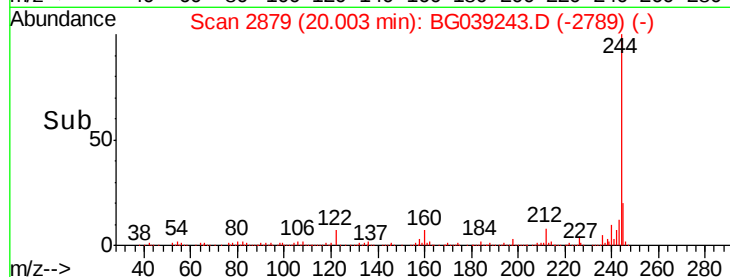
122 6.5 6.1 9.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG039243.D

Acq: 21 Jan 2019 21:18

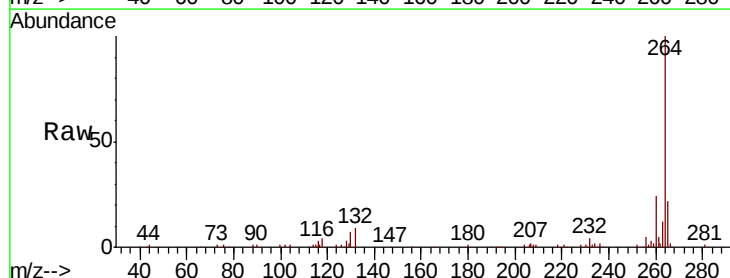
Tgt Ion:264 Resp: 136954

Ion Ratio Lower Upper

264 100

260 23.8 17.0 25.6

265 22.1 17.2 25.8



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

