

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039647.D
 Acq On : 27 Feb 2019 23:15
 Operator : JU/SJ
 Sample : PB117445TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117445TB

Quant Time: Feb 28 01:36:22 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	47713	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	204082	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	134874	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	330920	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	361534	20.00	ng	-0.03
87) Perylene-d12	25.20	264	357114	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	336240	120.61	ng	0.00
7) Phenol-d6	7.31	99	472791	115.22	ng	0.00
23) Nitrobenzene-d5	9.34	82	266474	81.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	132234	91.05	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	682718	72.62	ng	-0.02
79) Terphenyl-d14	20.12	244	1130726	66.20	ng	-0.03

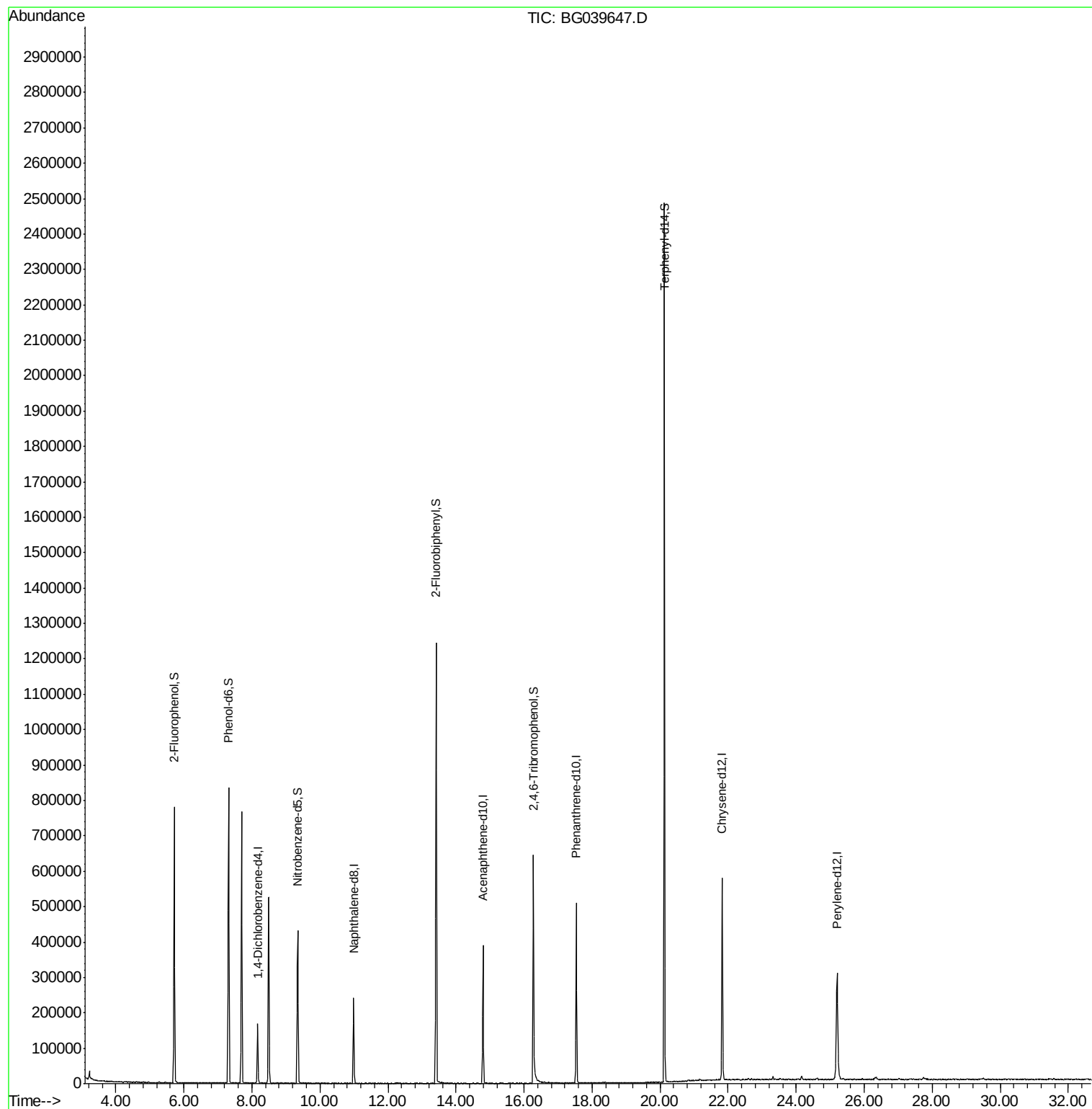
Target Compounds Qvalue

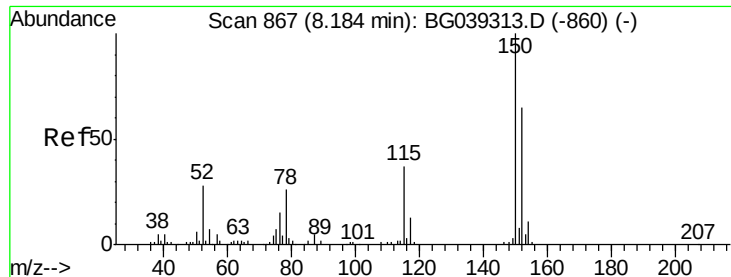
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG039647.D

Acq: 27 Feb 2019 23:15

Instrument :

BNA_G

ClientSampleId :

PB117445TB

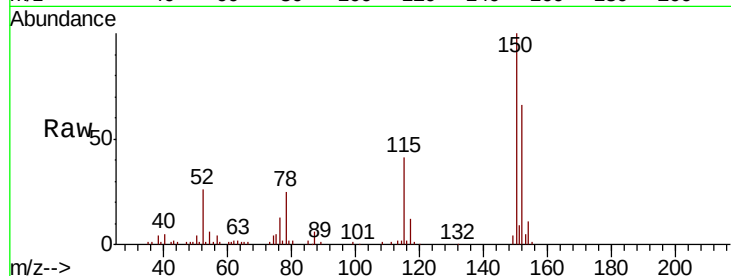
Tot Ion:152 Resp: 47713

Ion Ratio Lower Upper

152 100

150 152.4 123.7 185.5

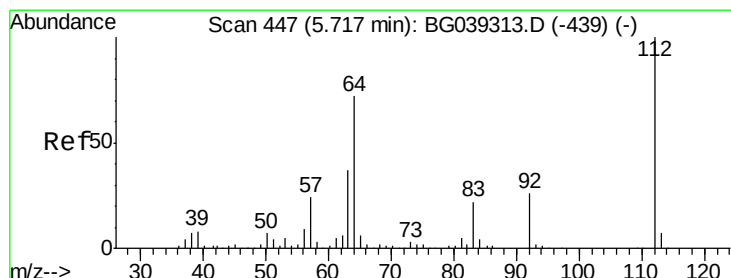
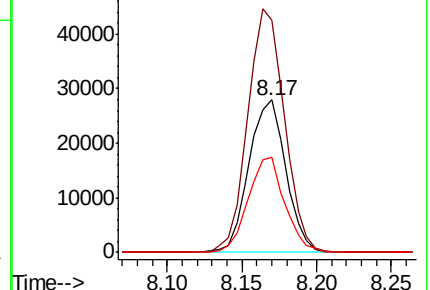
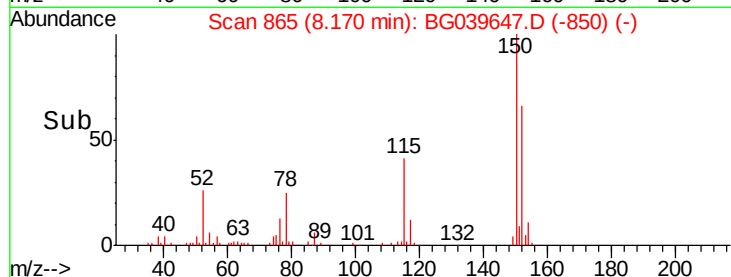
115 62.5 45.9 68.9



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: 120.612 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039647.D

Acq: 27 Feb 2019 23:15

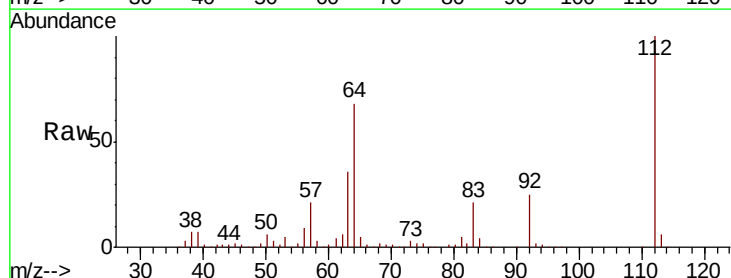
Tgt Ion:112 Resp: 336240

Ion Ratio Lower Upper

112 100

64 68.2 57.8 86.8

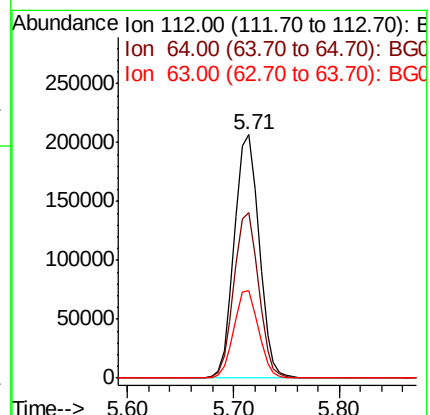
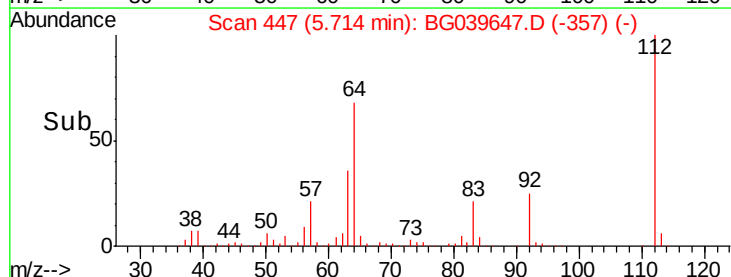
63 35.7 29.8 44.6

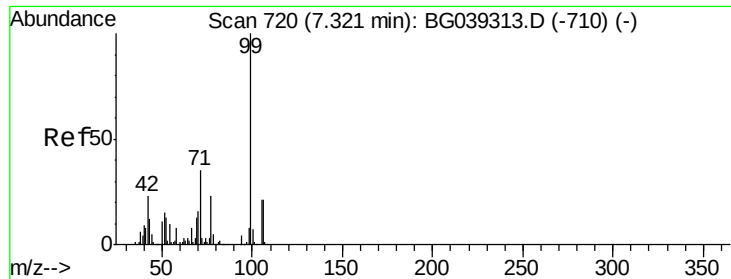


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.216 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039647.D

Acq: 27 Feb 2019 23:15

Instrument :

BNA_G

ClientSampleId :

PB117445TB

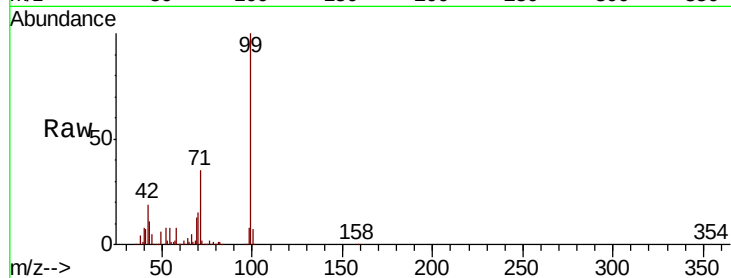
Tot Ion: 99 Resp: 472791

Ion Ratio Lower Upper

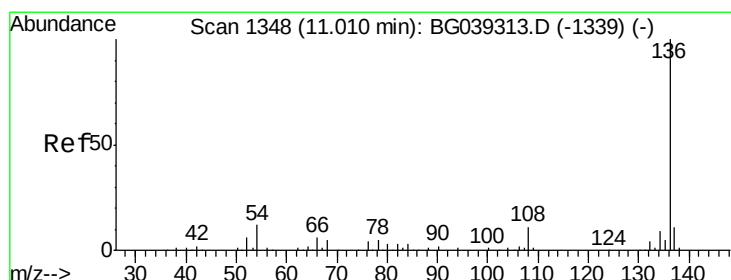
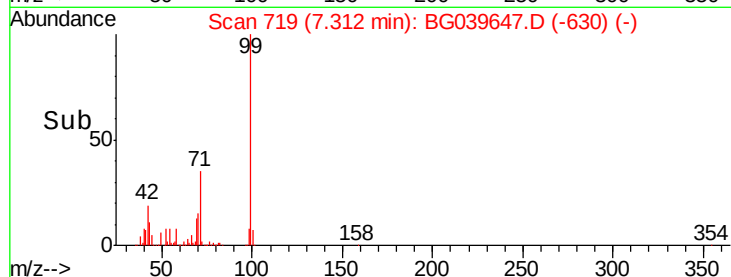
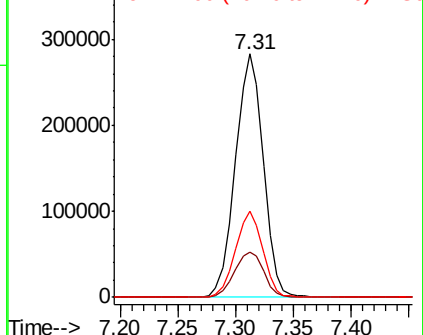
99 100

42 18.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039647.D

Acq: 27 Feb 2019 23:15

Tgt Ion: 136 Resp: 204082

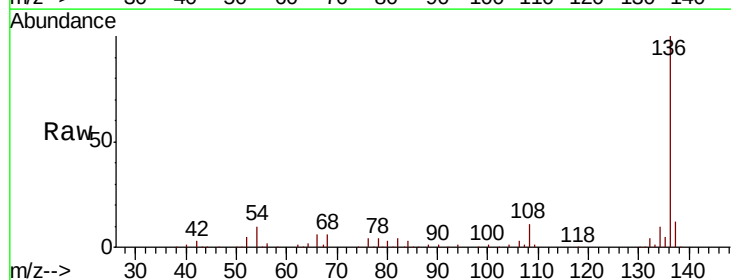
Ion Ratio Lower Upper

136 100

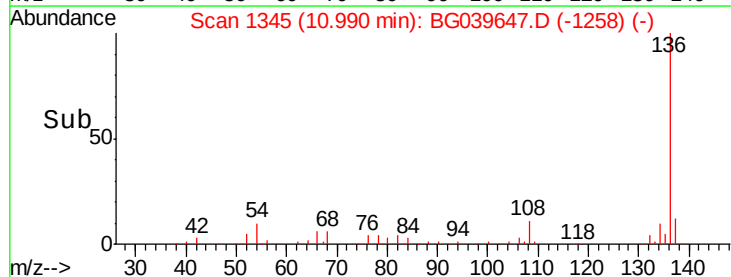
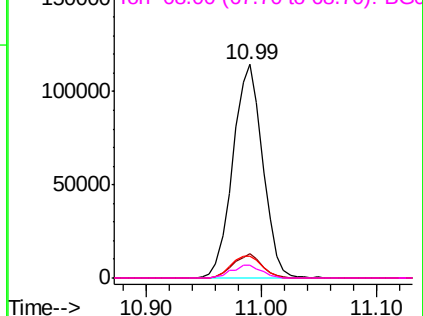
137 11.6 9.1 13.7

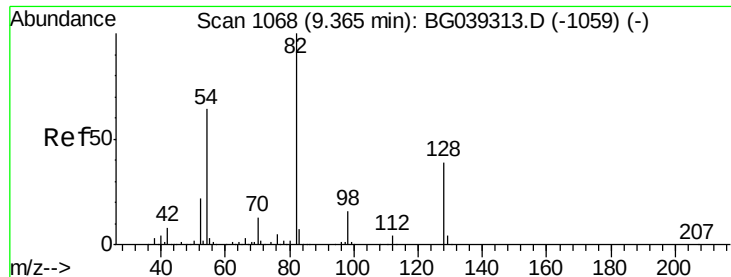
54 10.4 9.4 14.2

68 5.7 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

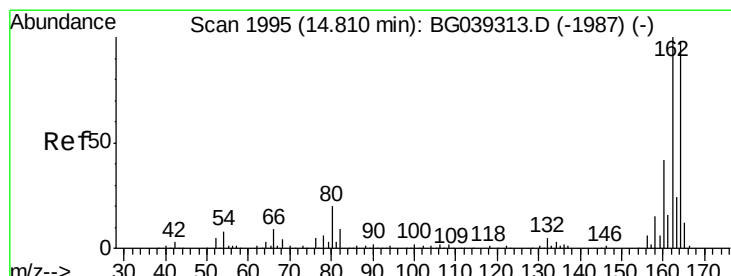
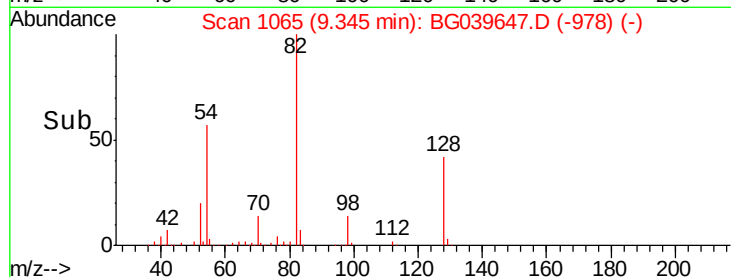
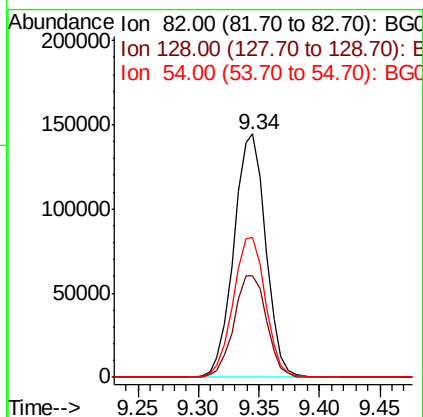
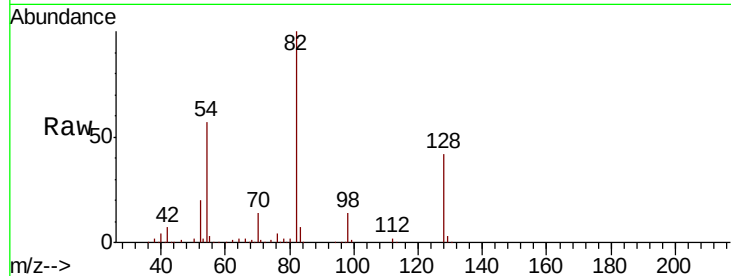




#23
Nitrobenzene-d5
Concen: 81.570 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039647.D
Acq: 27 Feb 2019 23:15

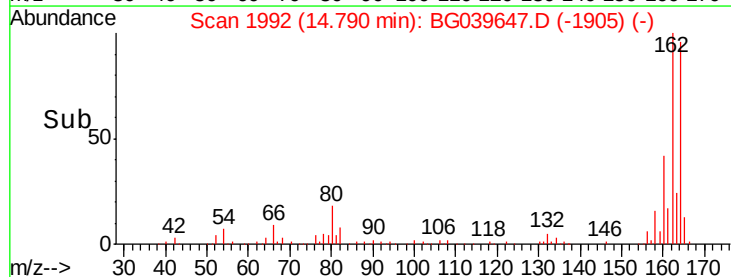
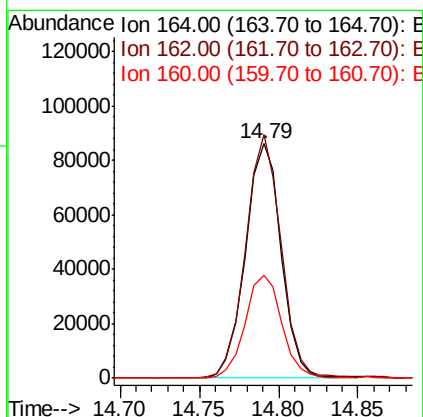
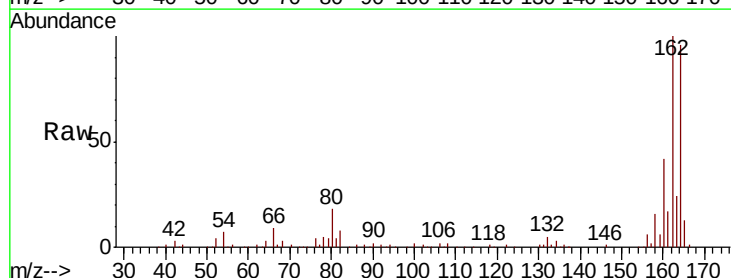
Instrument :
BNA_G
ClientSampleId :
PB117445TB

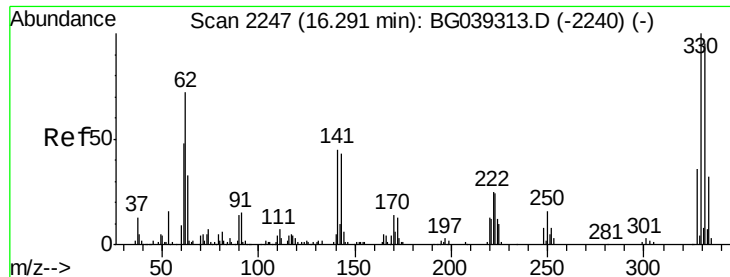
Tot Ion	82	Resp	266474
Ion Ratio	100	Lower	Upper
128	41.9	31.3	46.9
54	57.3	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039647.D
Acq: 27 Feb 2019 23:15

Tgt Ion	164	Resp	134874
Ion Ratio	100	Lower	Upper
162	103.9	81.6	122.4
160	43.8	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 91.048 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039647.D

Acq: 27 Feb 2019 23:15

Instrument :

BNA_G

ClientSampleId :

PB117445TB

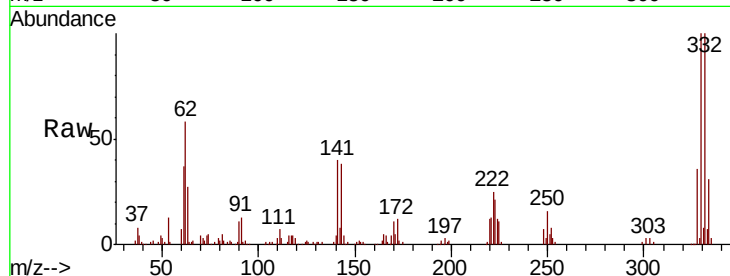
Tot Ion:330 Resp: 132234

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

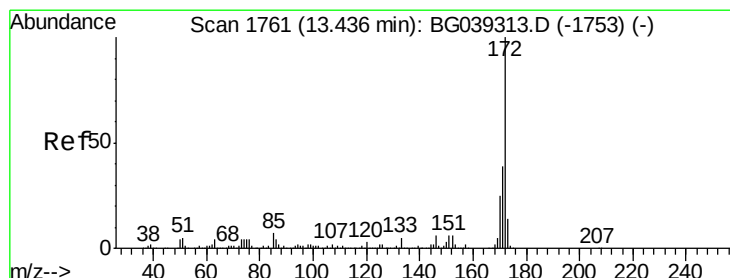
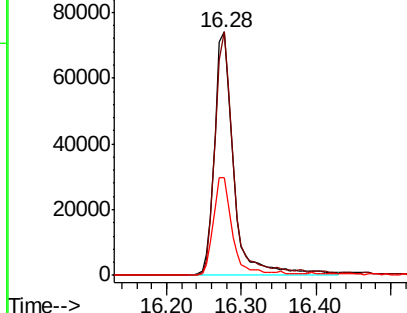
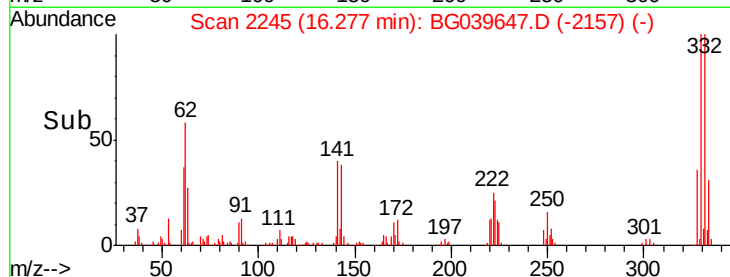
141 39.6 35.6 53.4



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: 72.615 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039647.D

Acq: 27 Feb 2019 23:15

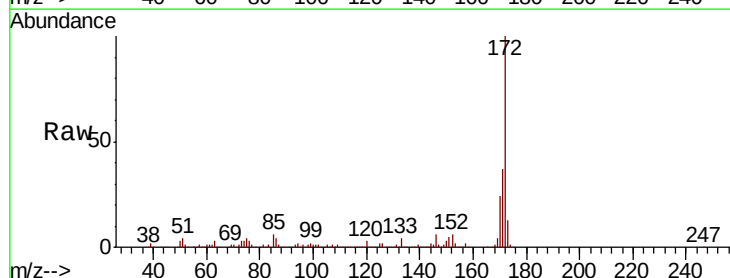
Tgt Ion:172 Resp: 682718

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

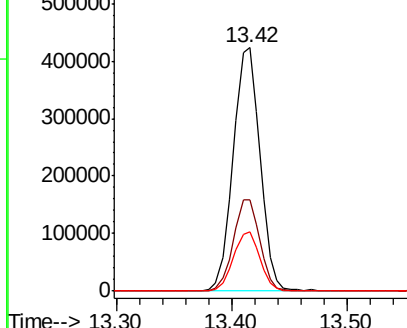
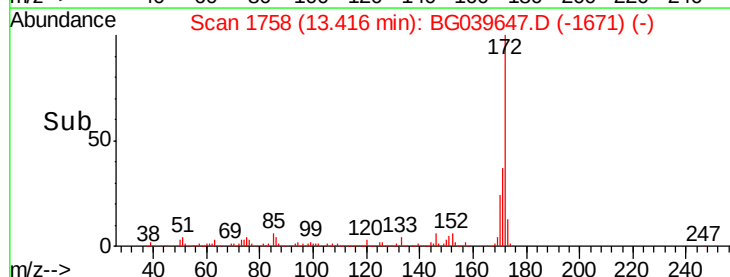
170 24.3 20.2 30.4

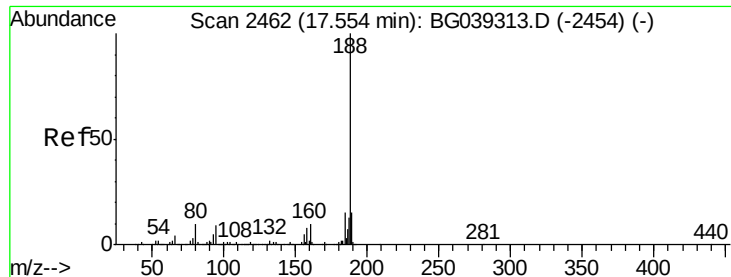


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039647.D

Acq: 27 Feb 2019 23:15

Instrument :

BNA_G

ClientSampleId :

PB117445TB

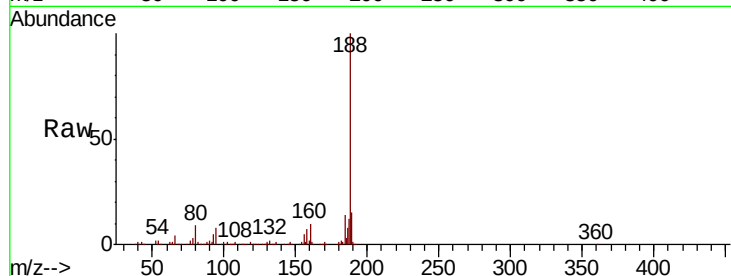
Tot Ion:188 Resp: 330920

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

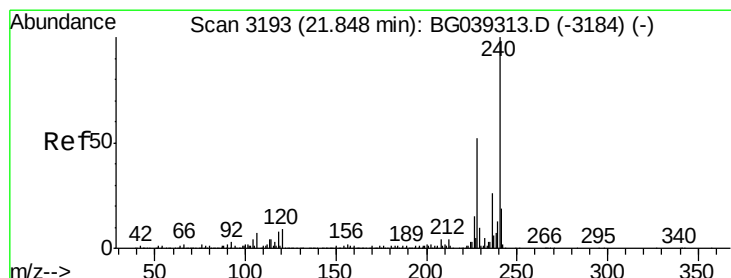
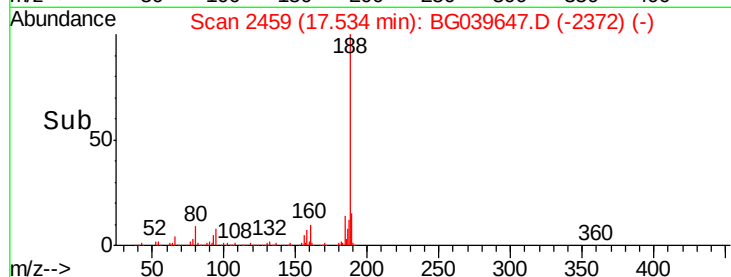
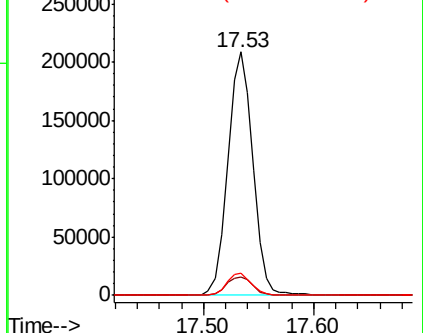
80 9.2 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039647.D

Acq: 27 Feb 2019 23:15

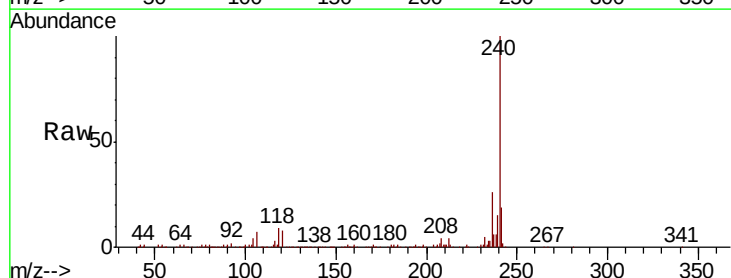
Tgt Ion:240 Resp: 361534

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

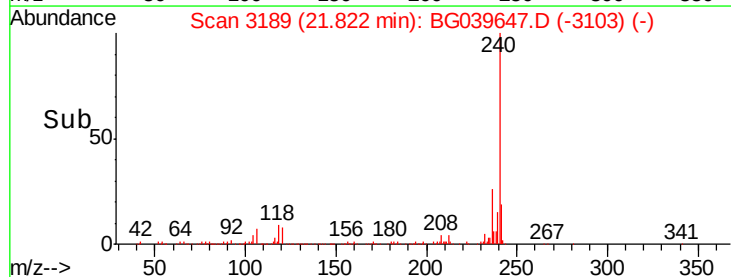
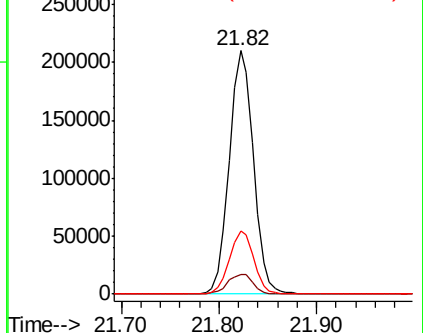
236 25.7 21.0 31.4

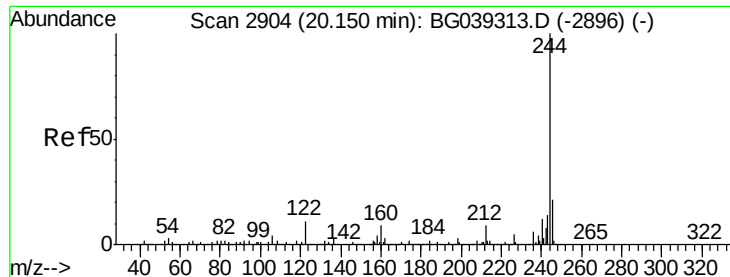


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.201 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039647.D

Acq: 27 Feb 2019 23:15

Instrument :

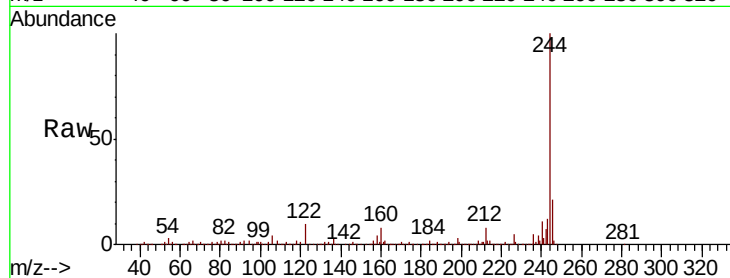
BNA_G

ClientSampleId :

PB117445TB

Tot Ion:244 Resp: 1130726

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.3	10.9
122	10.1	8.4	12.6

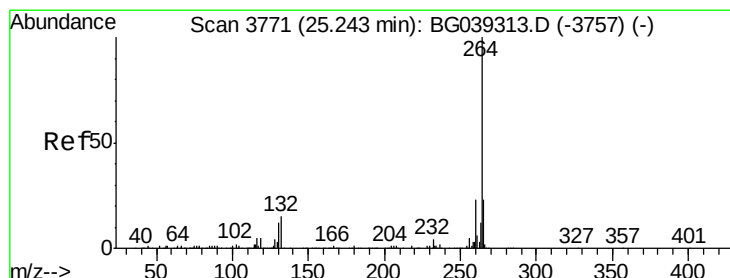
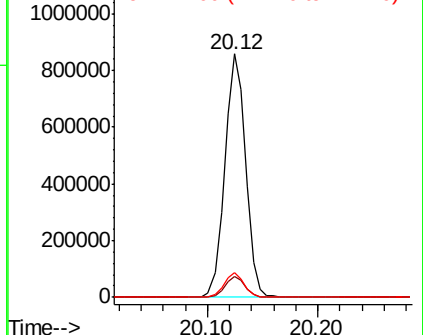
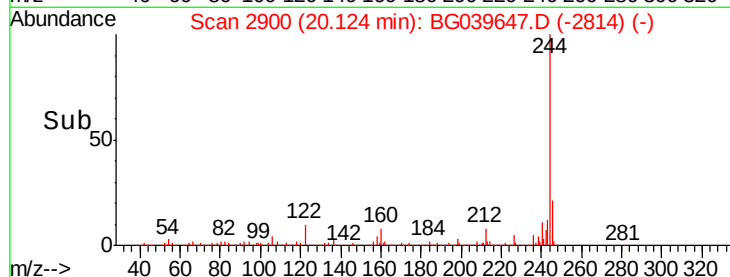


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

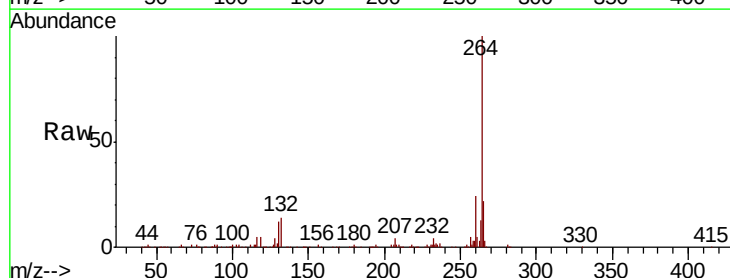
Delta R.T. -0.04 min

Lab File: BG039647.D

Acq: 27 Feb 2019 23:15

Tgt Ion:264 Resp: 357114

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.9	18.5	27.7



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

