

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
 Data File : BG041157.D
 Acq On : 10 Jun 2019 9:46
 Operator : HP/JU
 Sample : PB120413BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BL

Quant Time: Jun 11 03:59:48 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	8.11	152	44980	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	197474	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	148846	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	355995	20.00	ng	0.00
76) Chrysene-d12	21.76	240	357140	20.00	ng	0.00
87) Perylene-d12	25.09	264	373364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	242078	97.05	ng	0.00
7) Phenol-d6	7.25	99	374017	97.09	ng	0.00
23) Nitrobenzene-d5	9.28	82	256908	57.75	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	181452	82.12	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	651233	63.01	ng	0.00
79) Terphenyl-d14	20.08	244	1090253	64.79	ng	0.00

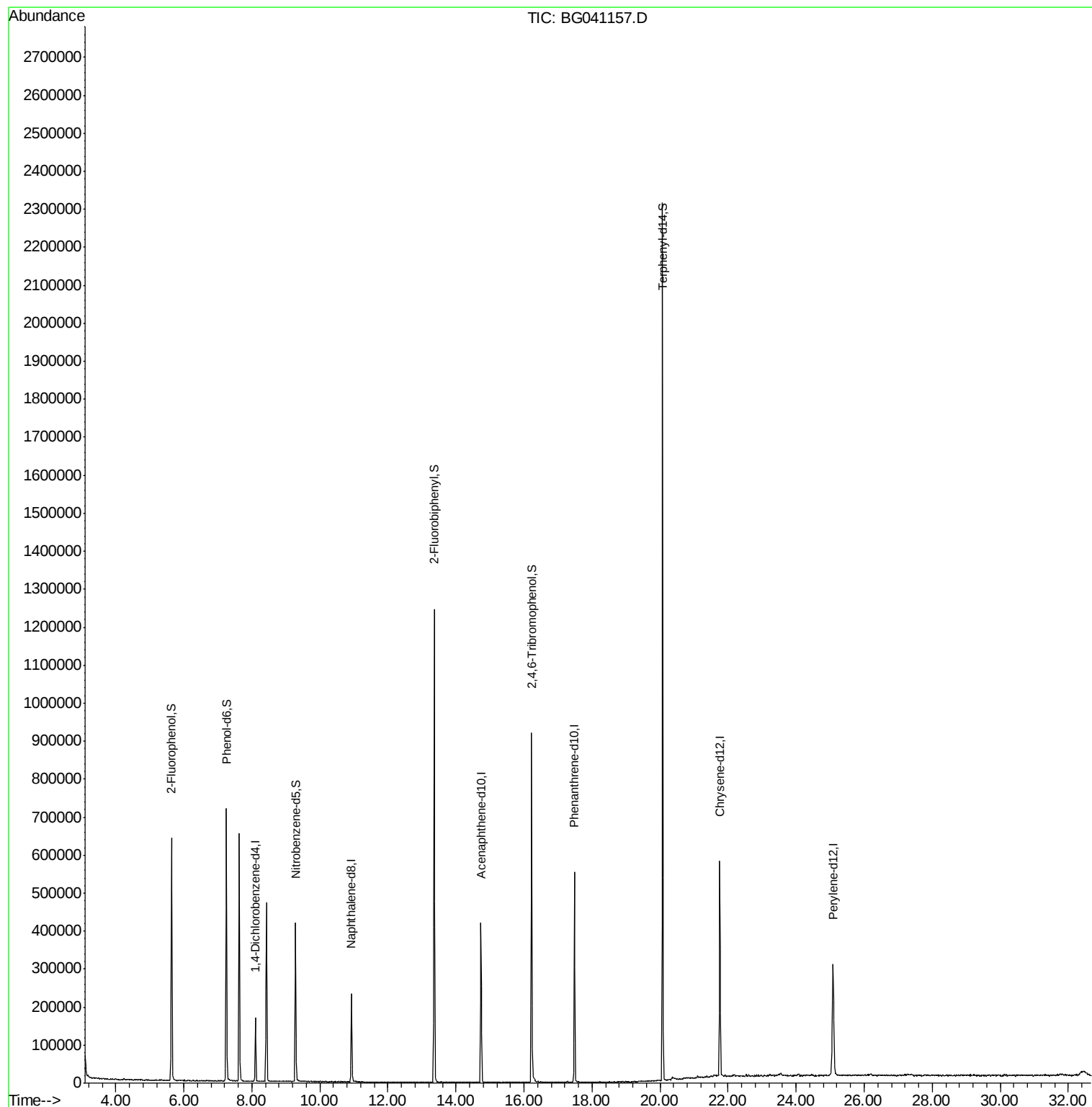
Target Compounds Qvalue

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

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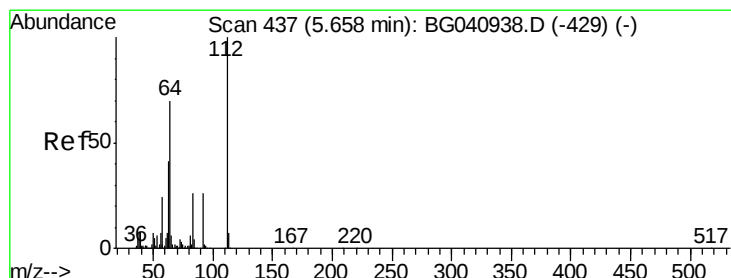
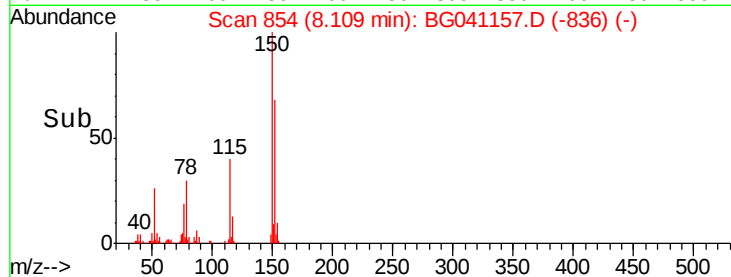
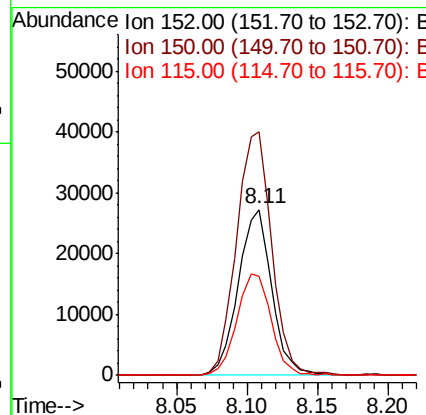
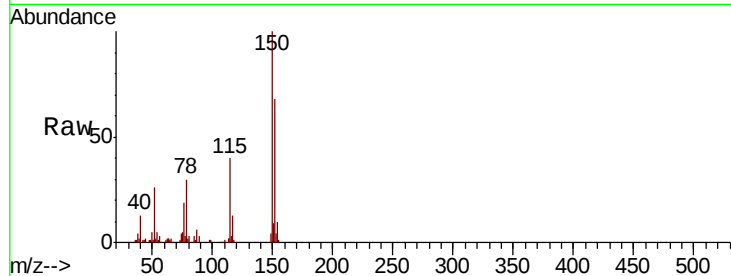


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG041157.D
 Acq: 10 Jun 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BL

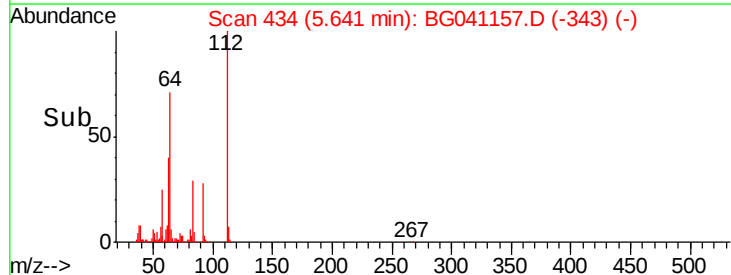
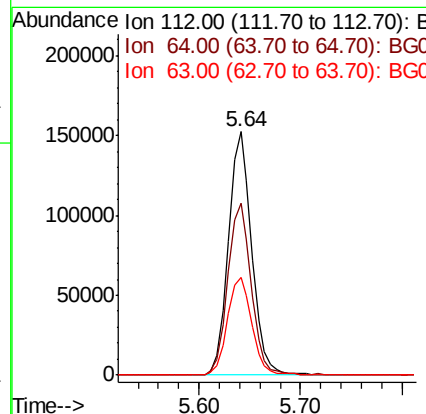
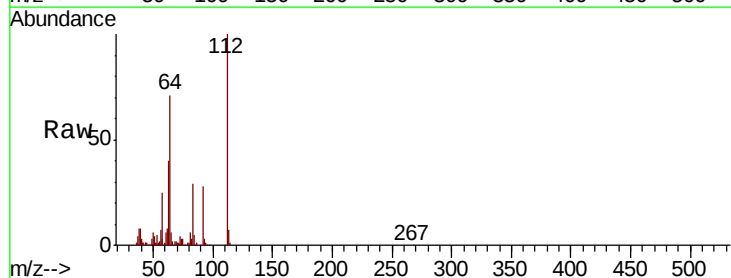
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	120.6	180.8
115	59.5	45.1	67.7



#5

2-Fluorophenol
 Concen: 97.047 ng
 RT: 5.64 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BG041157.D
 Acq: 10 Jun 2019 9:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	56.2	84.2
63	40.0	32.8	49.2





#7

Phenol-d6

Concen: 97.087 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041157.D

Acq: 10 Jun 2019 9:46

Instrument :

BNA_G

ClientSampleId :

PB120413BL

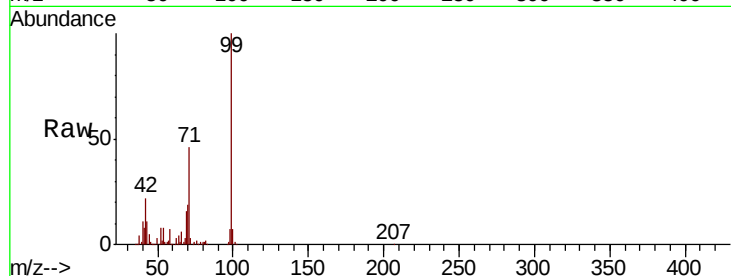
Tot Ion: 99 Resp: 374017

Ion Ratio Lower Upper

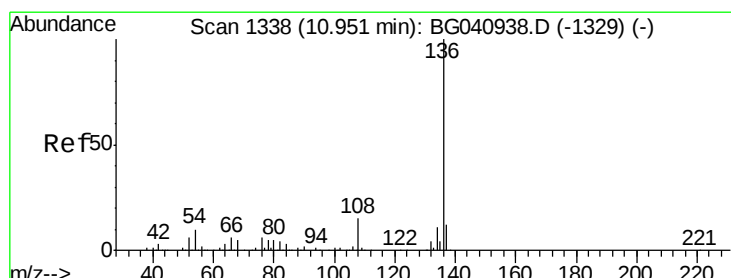
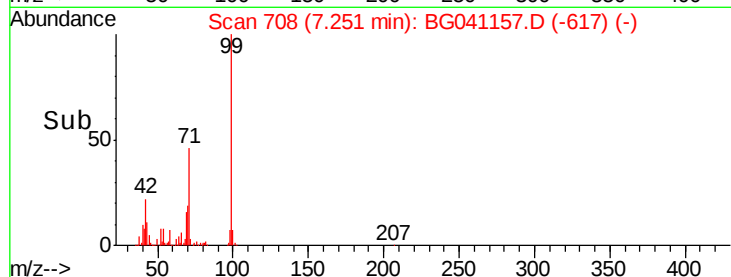
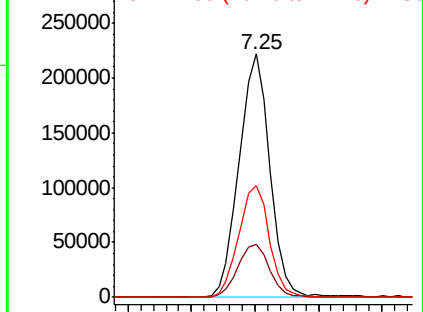
99 100

42 21.9 17.9 26.9

71 46.0 35.4 53.0



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: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041157.D

Acq: 10 Jun 2019 9:46

Tgt Ion: 136 Resp: 197474

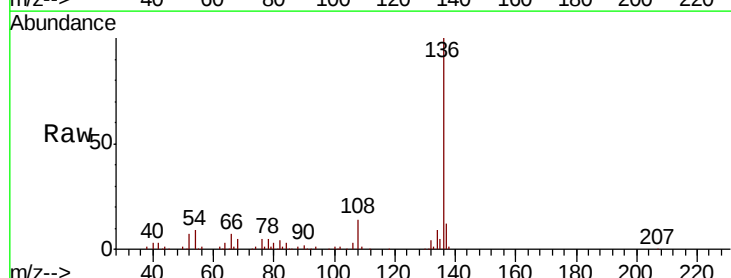
Ion Ratio Lower Upper

136 100

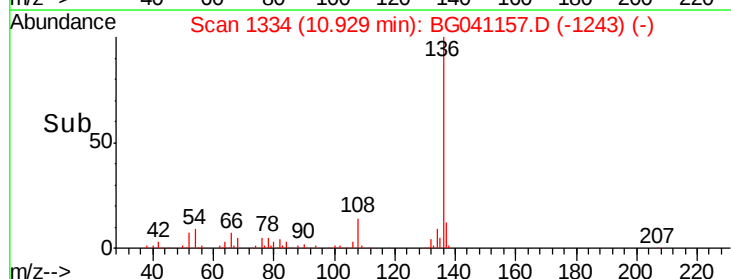
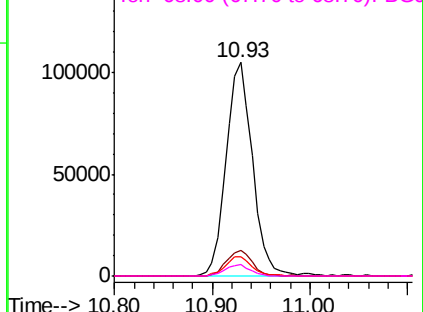
137 11.9 9.5 14.3

54 8.9 7.6 11.4

68 5.3 3.9 5.9



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

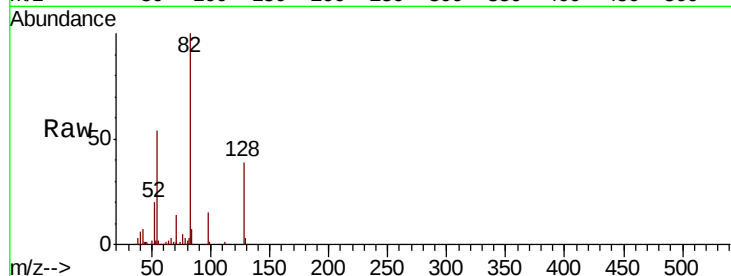




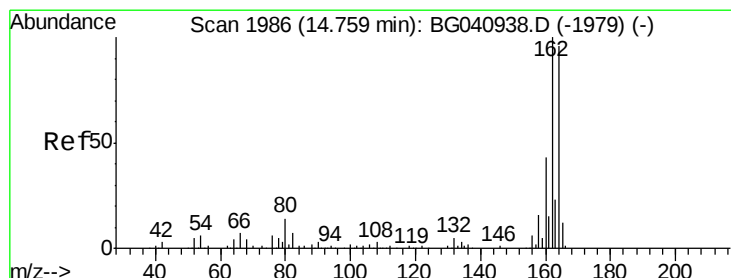
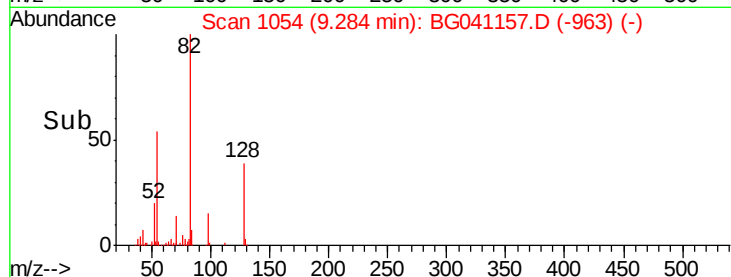
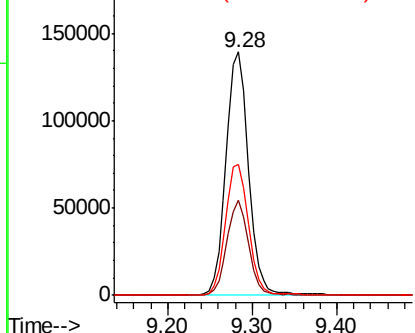
#23
 Nitrobenzene-d5
 Concen: 57.755 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041157.D
 Acq: 10 Jun 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.5	45.7
54	53.9	44.6	66.8

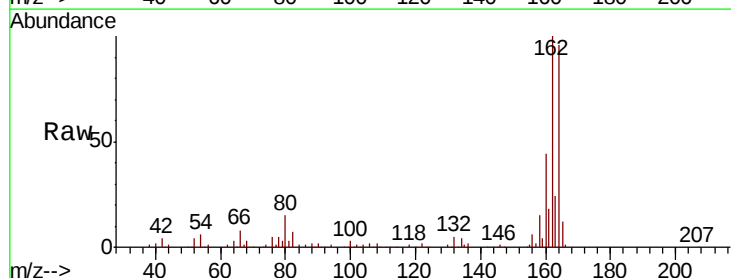


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

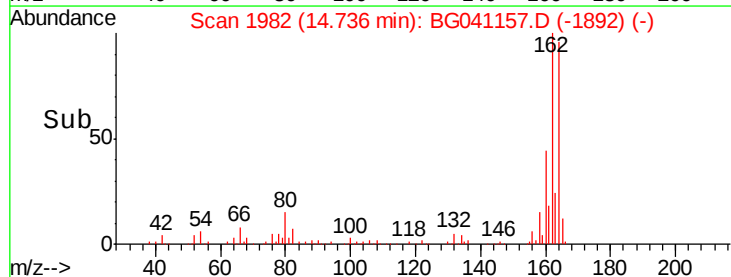
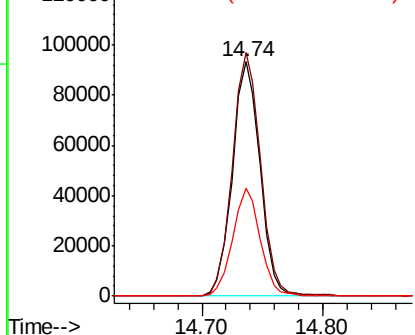


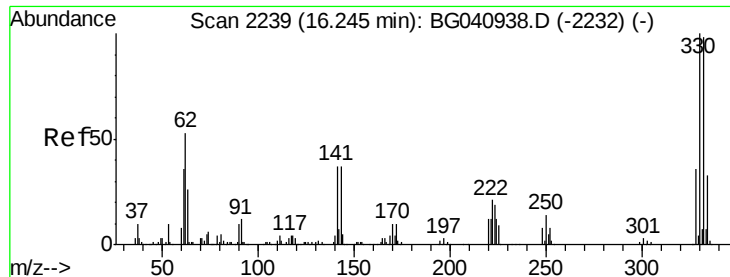
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG041157.D
 Acq: 10 Jun 2019 9:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.4
160	46.0	35.6	53.4



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

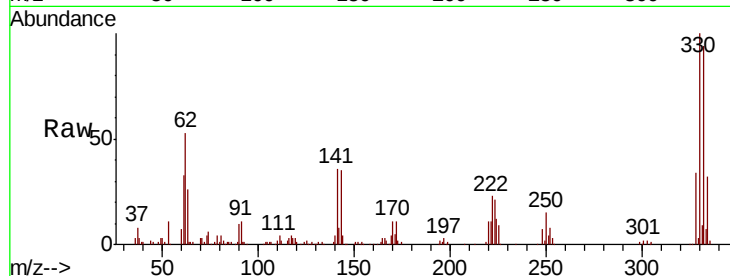




#42
 2,4,6-Tribromophenol
 Concen: 82.115 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041157.D
 Acq: 10 Jun 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.5	117.7
141	36.1	28.7	43.1

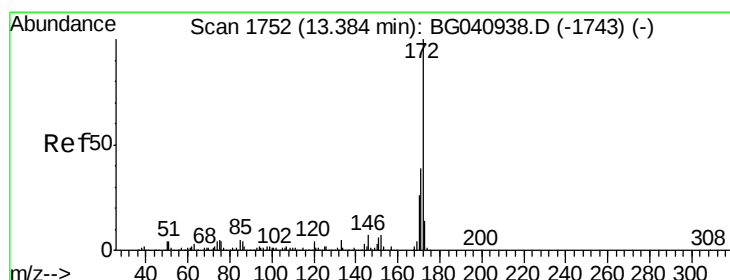
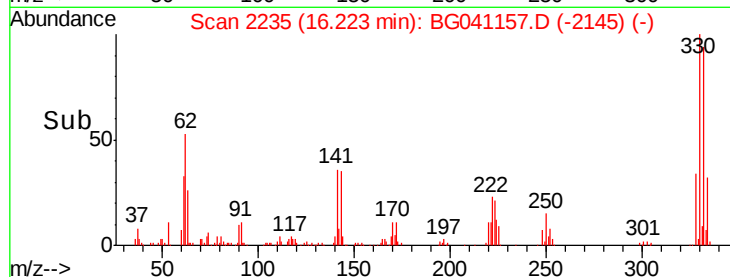
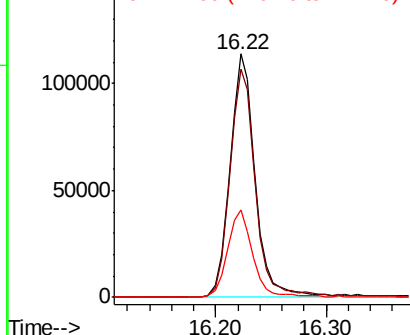


Abundance

Ion 329.80 (329.50 to 330.50): E

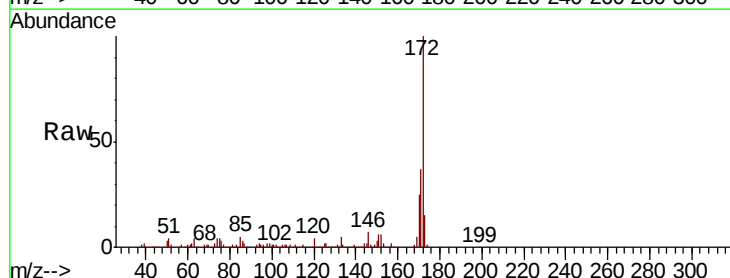
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 63.008 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041157.D
 Acq: 10 Jun 2019 9:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.1	46.7
170	24.6	20.5	30.7

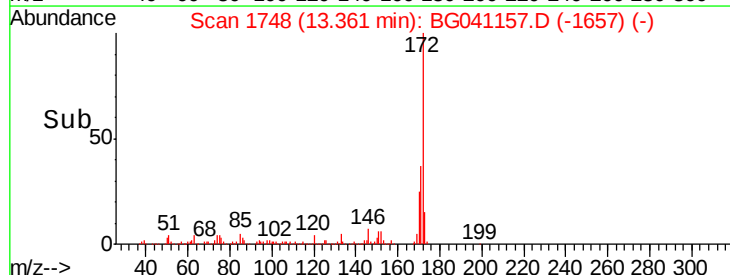
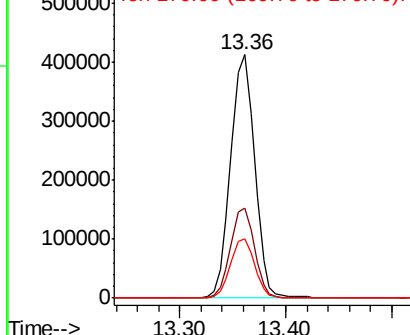


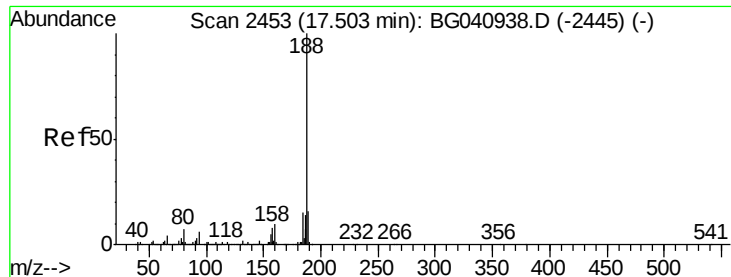
Abundance

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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041157.D

Acq: 10 Jun 2019 9:46

Instrument :

BNA_G

ClientSampleId :

PB120413BL

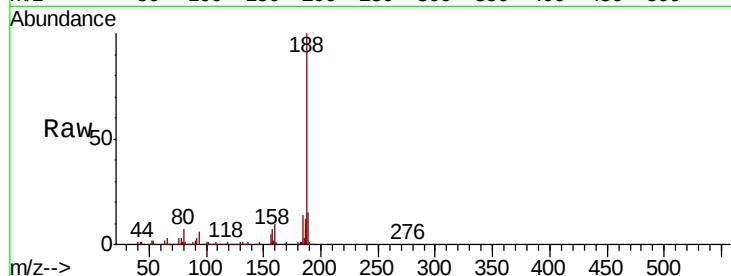
Tot Ion:188 Resp: 355995

Ion Ratio Lower Upper

188 100

94 6.1 4.7 7.1

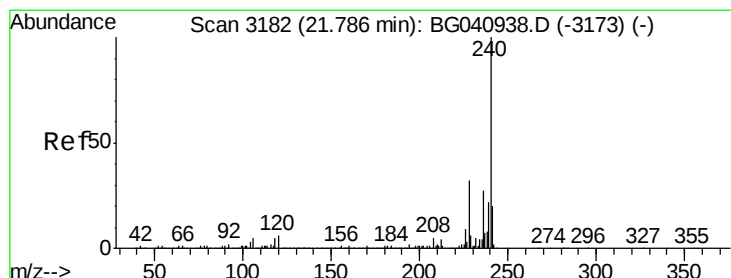
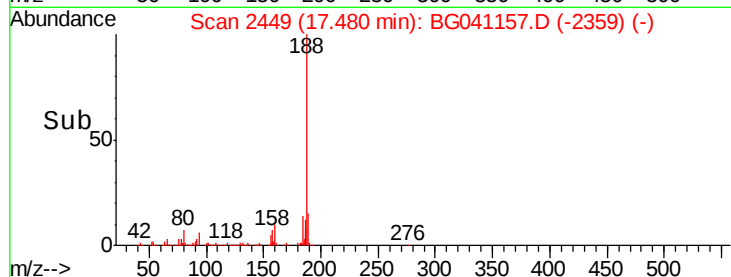
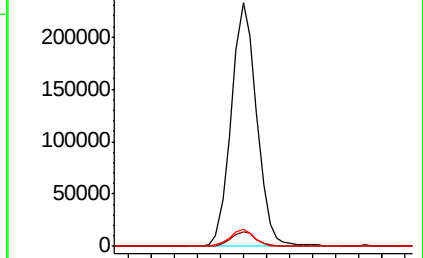
80 6.8 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041157.D

Acq: 10 Jun 2019 9:46

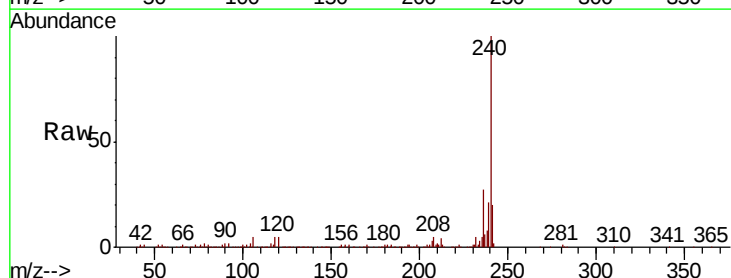
Tgt Ion:240 Resp: 357140

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

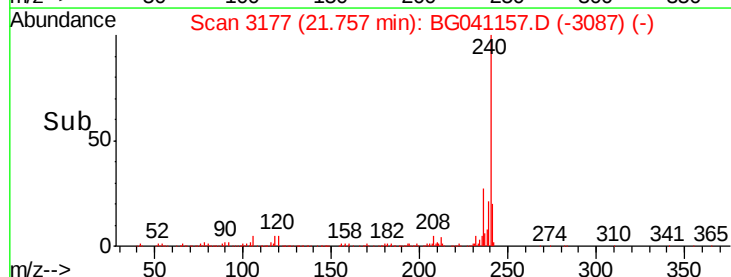
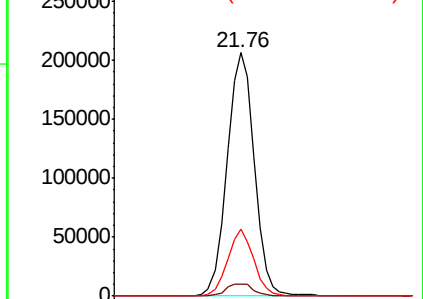
236 27.3 21.3 31.9

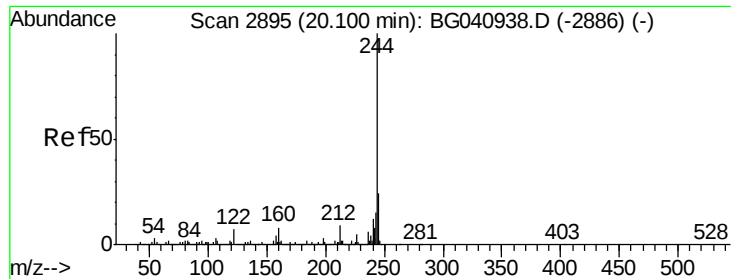


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.790 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041157.D

Acq: 10 Jun 2019 9:46

Instrument :

BNA_G

ClientSampled :

PB120413BL

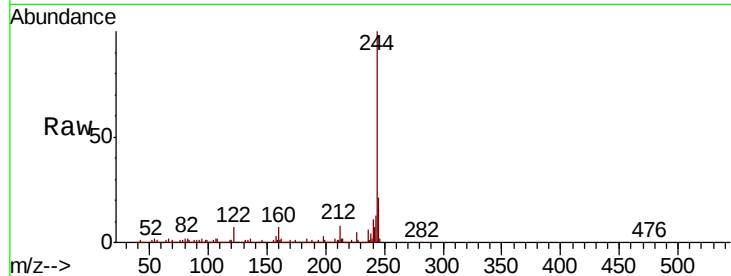
Tot Ion:244 Resp: 1090253

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

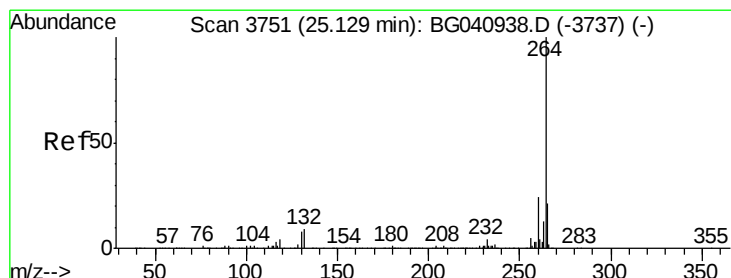
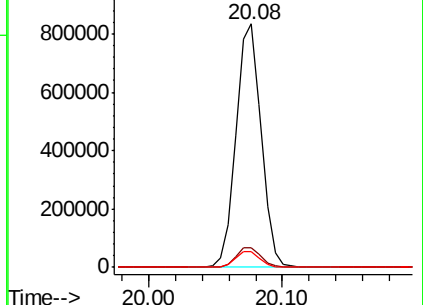
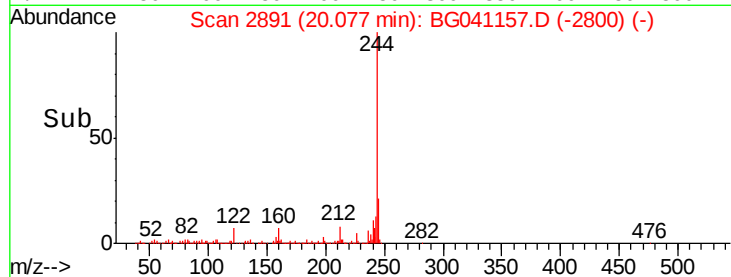
122 6.5 5.4 8.0



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

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041157.D

Acq: 10 Jun 2019 9:46

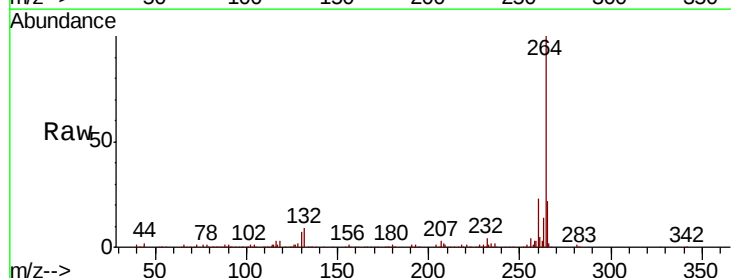
Tgt Ion:264 Resp: 373364

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 22.2 17.0 25.4



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

