

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038168.D
 Acq On : 27 Nov 2018 15:40
 Operator : JU/SJ
 Sample : PB115084BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115084BL

Quant Time: Nov 27 16:16:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38647	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	169424	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	108467	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	256021	20.00	ng	0.00
76) Chrysene-d12	21.76	240	246716	20.00	ng	0.00
87) Perylene-d12	25.08	264	230595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	239854	107.16	ng	0.00
7) Phenol-d6	7.23	99	338955	106.08	ng	0.00
23) Nitrobenzene-d5	9.26	82	210588	66.54	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	109544	88.55	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	489374	65.73	ng	0.00
79) Terphenyl-d14	20.07	244	755565	72.06	ng	0.00

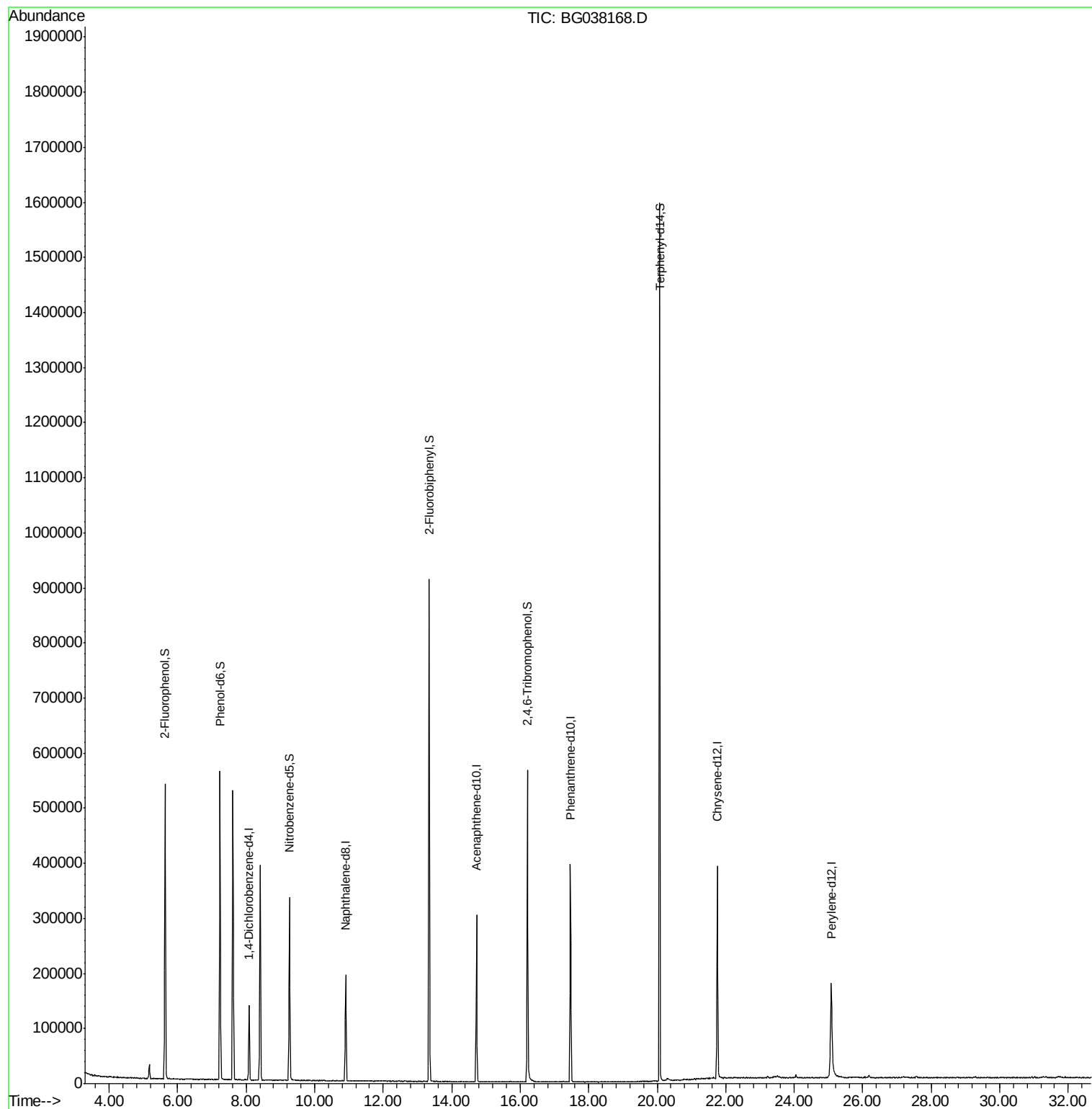
Target Compounds Qvalue

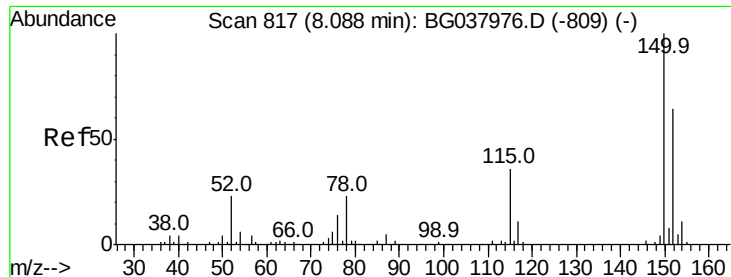
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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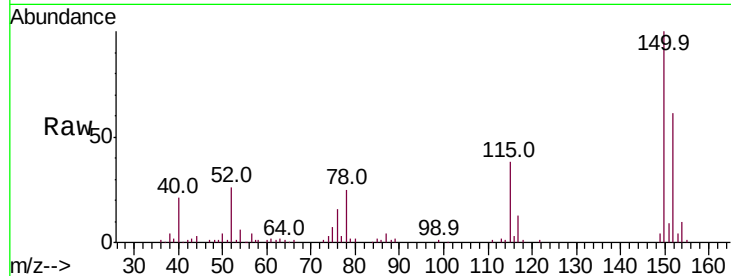


#1

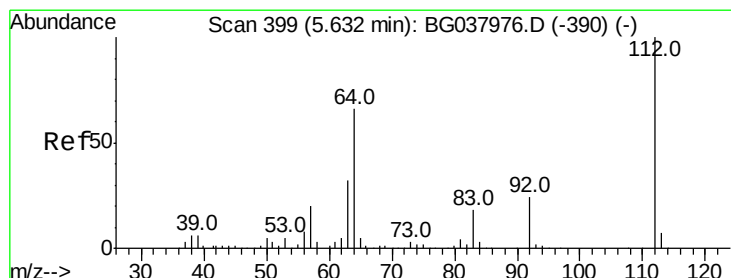
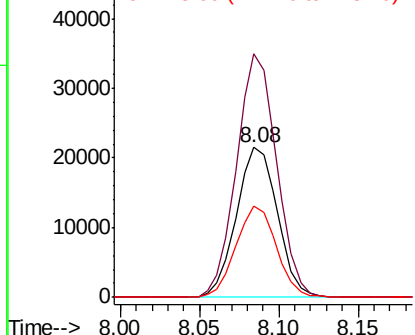
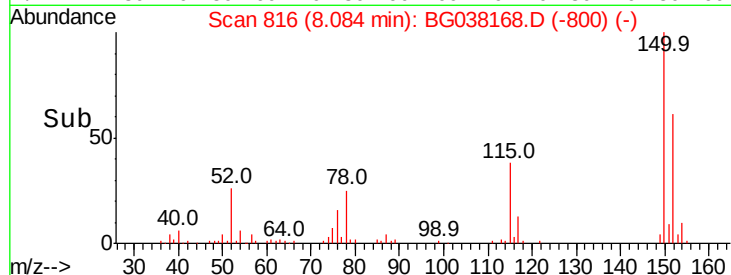
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038168.D
 Acq: 27 Nov 2018 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB115084BL

Tot Ion:152 Resp: 38647
 Ion Ratio Lower Upper
 152 100
 150 162.8 126.0 189.0
 115 61.1 45.5 68.3



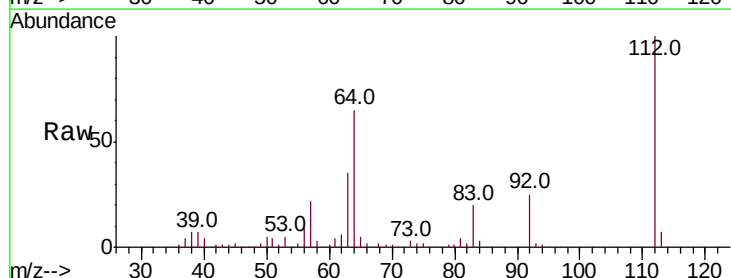
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



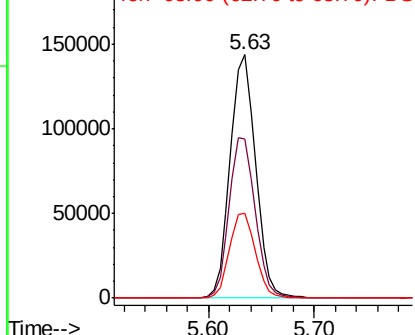
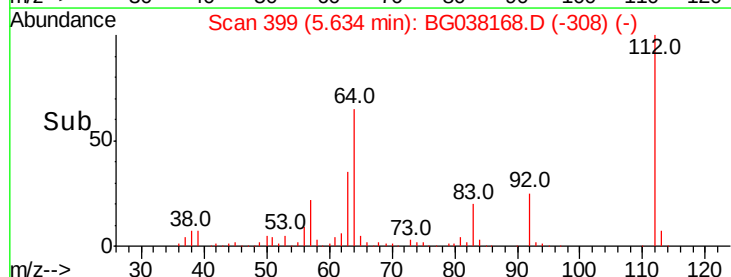
#5

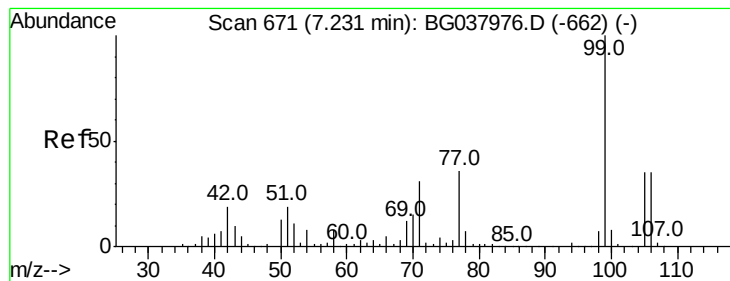
2-Fluorophenol
 Concen: 107.155 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038168.D
 Acq: 27 Nov 2018 15:40

Tgt Ion:112 Resp: 239854
 Ion Ratio Lower Upper
 112 100
 64 65.3 53.1 79.7
 63 34.7 27.3 40.9



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: 106.084 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

Instrument :

BNA_G

ClientSampleId :

PB115084BL

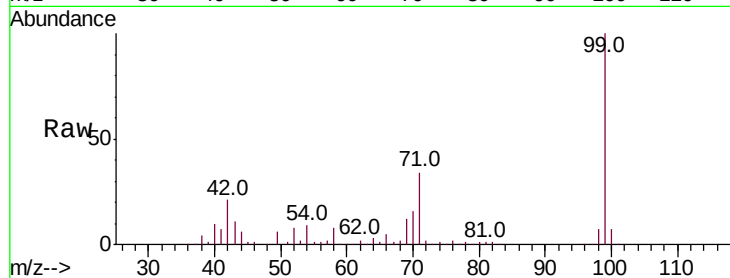
Tot Ion: 99 Resp: 338955

Ion Ratio Lower Upper

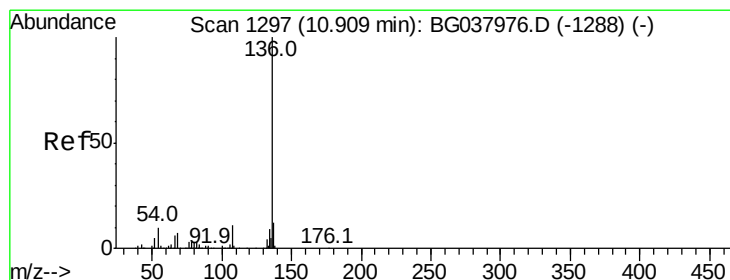
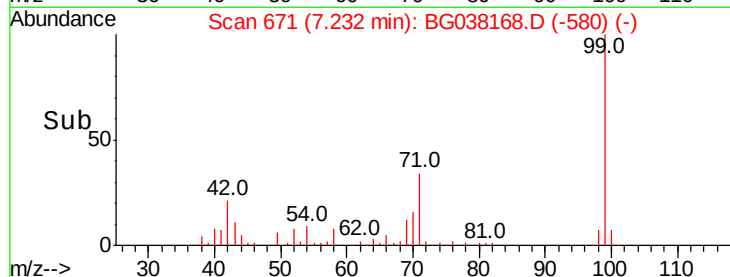
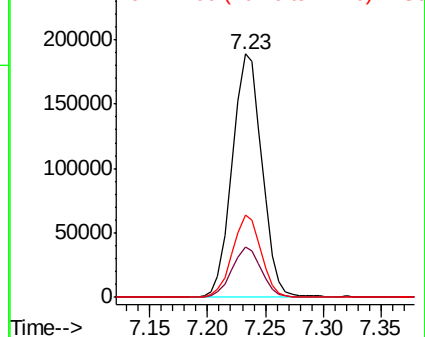
99 100

42 20.5 15.0 22.4

71 33.7 25.5 38.3



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: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

Tgt Ion: 136 Resp: 169424

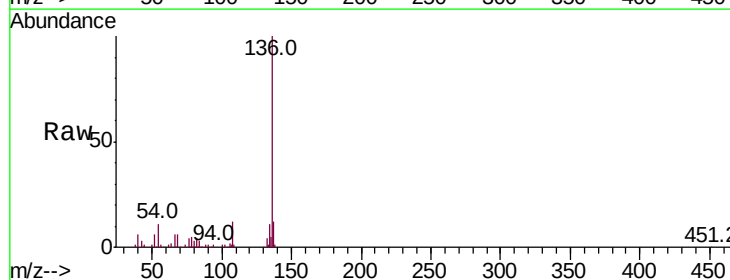
Ion Ratio Lower Upper

136 100

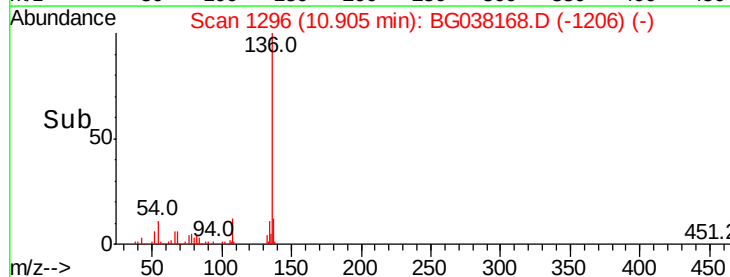
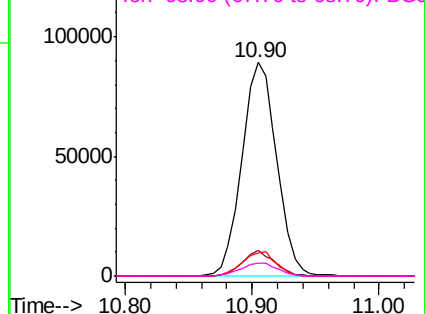
137 11.9 9.6 14.4

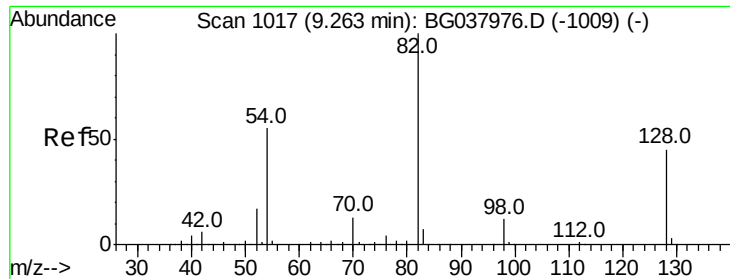
54 11.1 7.9 11.9

68 6.3 4.8 7.2



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

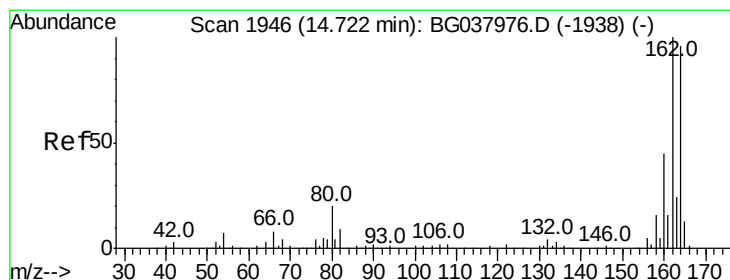
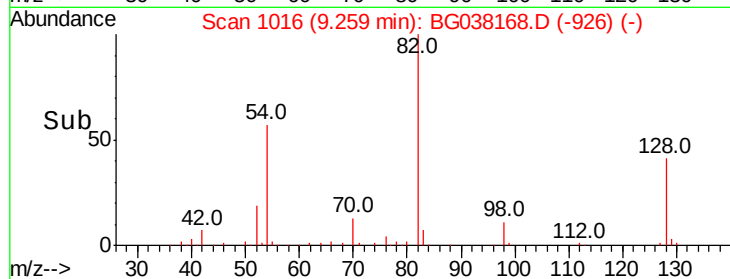
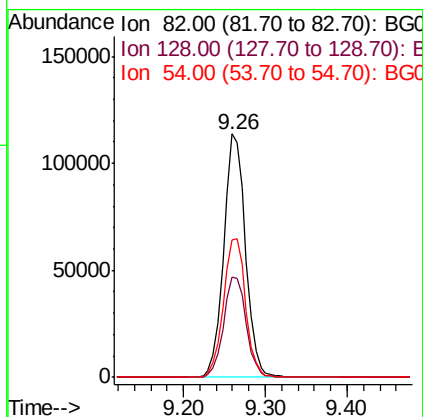
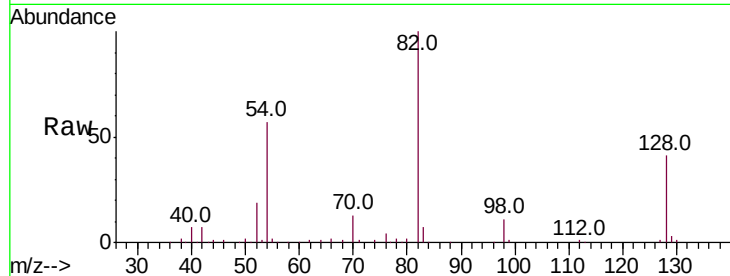




#23
 Nitrobenzene-d5
 Concen: 66.536 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038168.D
 Acq: 27 Nov 2018 15:40

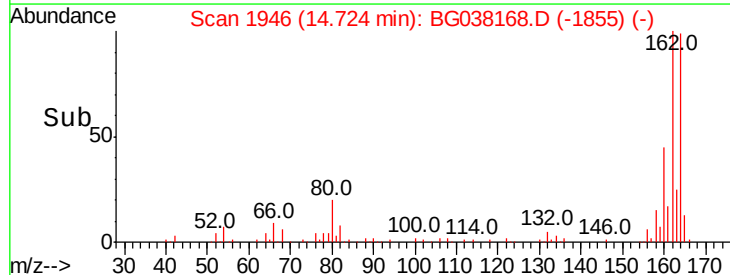
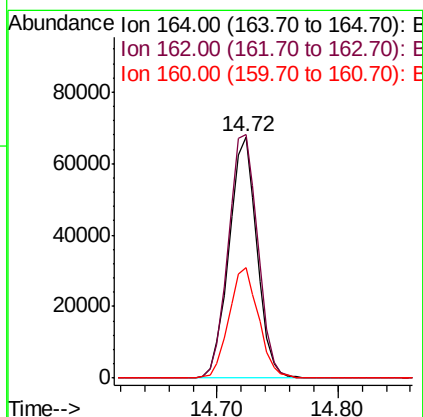
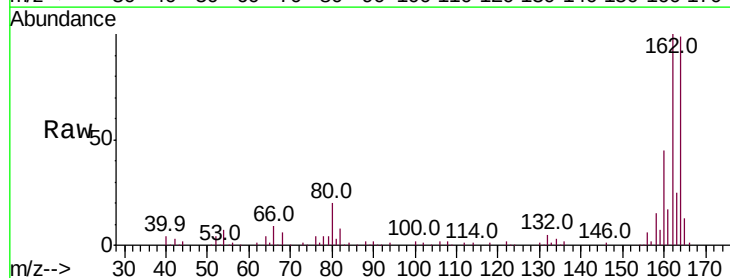
Instrument :
 BNA_G
 ClientSampleId :
 PB115084BL

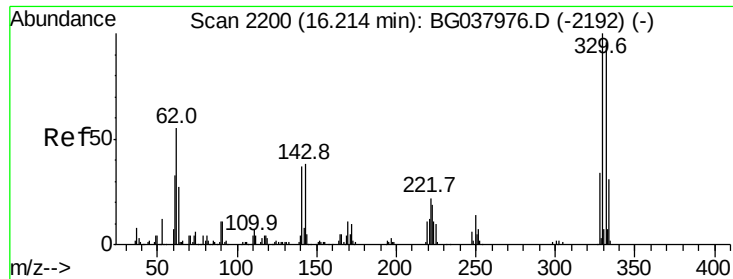
Tot Ion: 82 Resp: 210588
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 51.8
 54 56.6 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG038168.D
 Acq: 27 Nov 2018 15:40

Tgt Ion: 164 Resp: 108467
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.3 121.9
 160 45.6 36.3 54.5

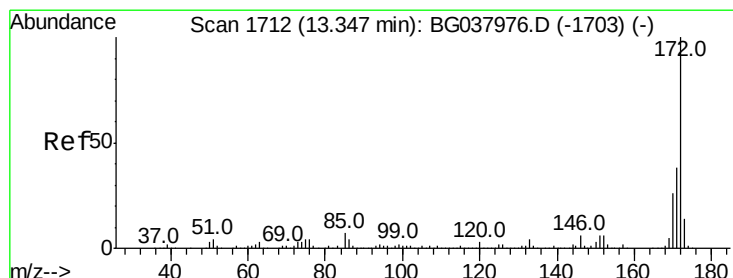
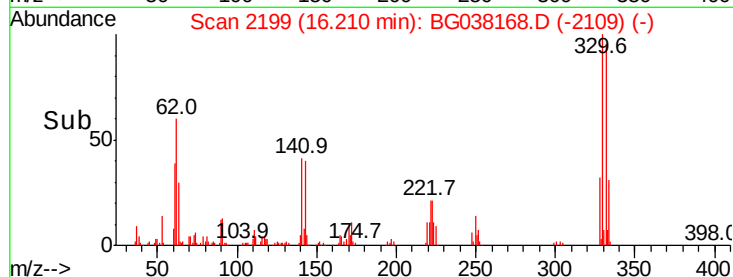
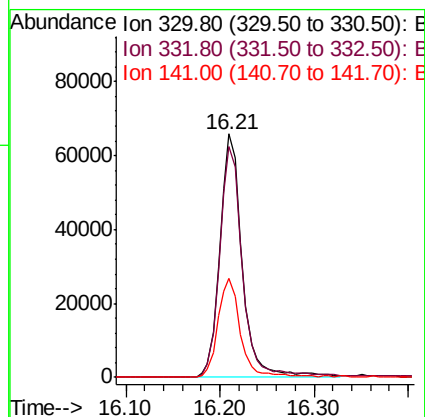
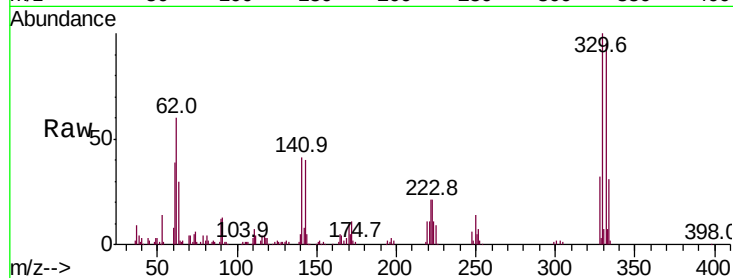




#42
2,4,6-Tribromophenol
Concen: 88.553 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG038168.D
Acq: 27 Nov 2018 15:40

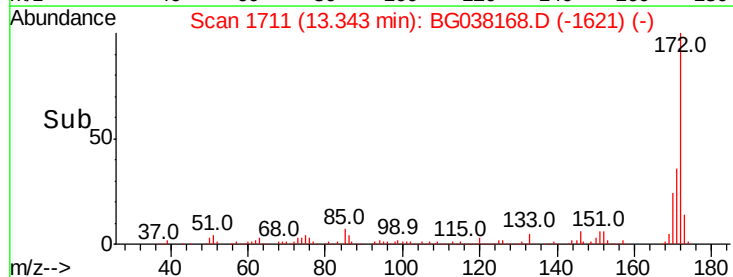
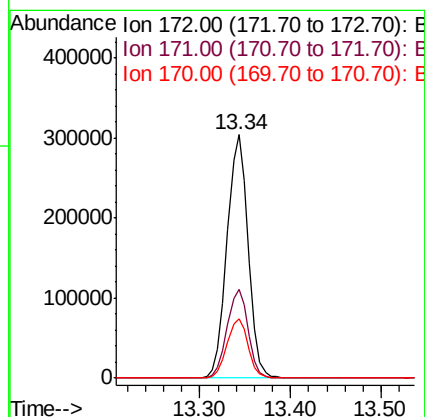
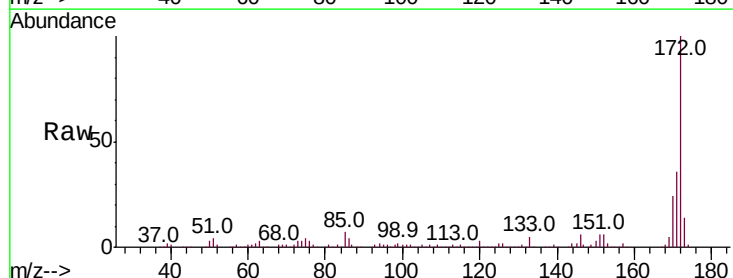
Instrument :
BNA_G
ClientSampleId :
PB115084BL

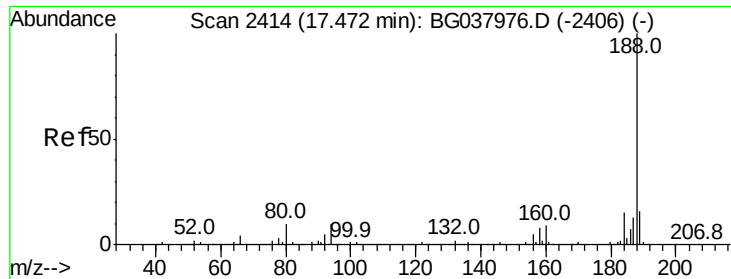
Tot Ion:330 Resp: 109544
Ion Ratio Lower Upper
330 100
332 96.2 78.4 117.6
141 41.2 32.2 48.2



#45
2-Fluorobiphenyl
Concen: 65.729 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038168.D
Acq: 27 Nov 2018 15:40

Tgt Ion:172 Resp: 489374
Ion Ratio Lower Upper
172 100
171 36.4 31.0 46.4
170 24.2 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

Instrument :

BNA_G

ClientSampleId :

PB115084BL

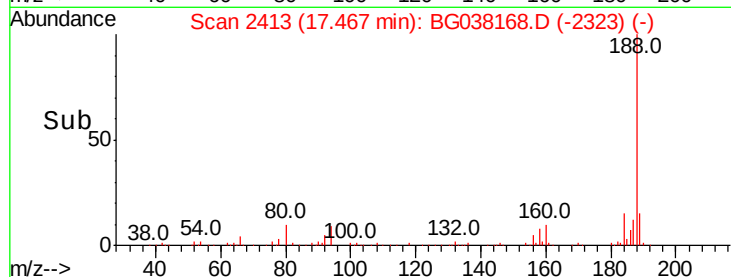
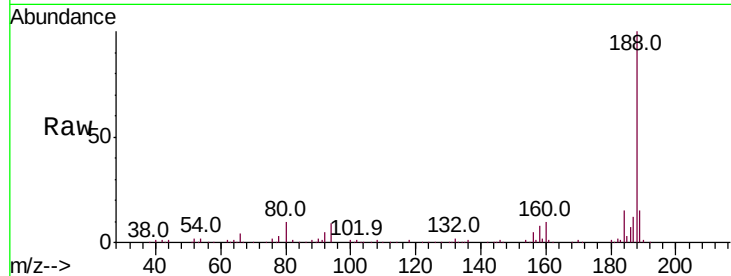
Tot Ion:188 Resp: 256021

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

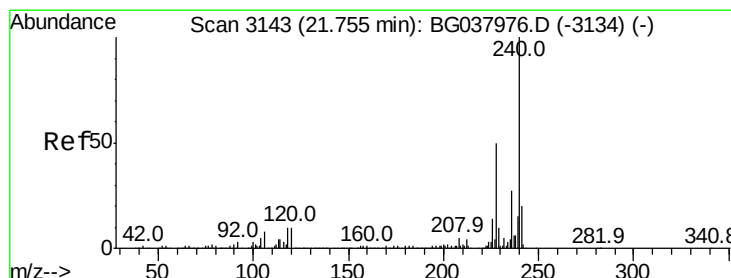
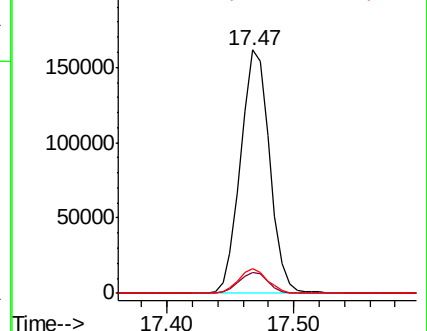
80 9.9 7.7 11.5



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: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

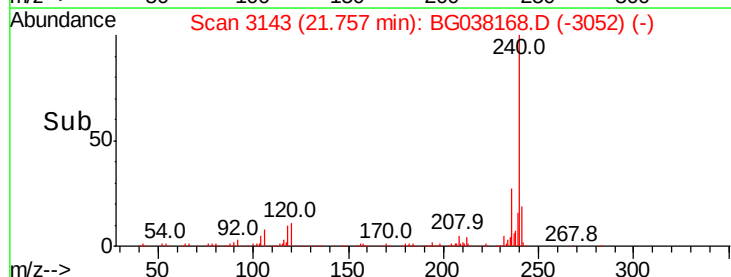
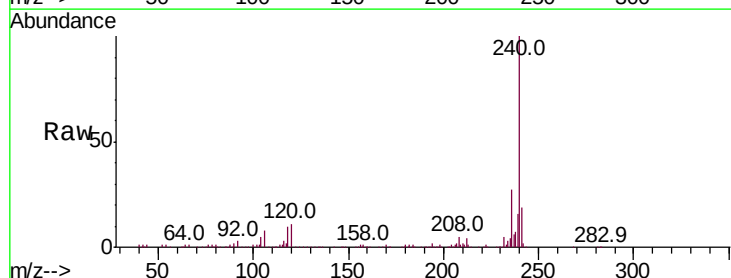
Tgt Ion:240 Resp: 246716

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

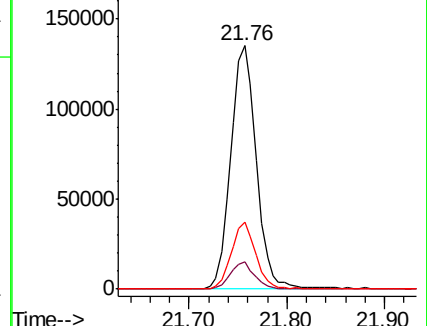
236 27.4 21.4 32.0

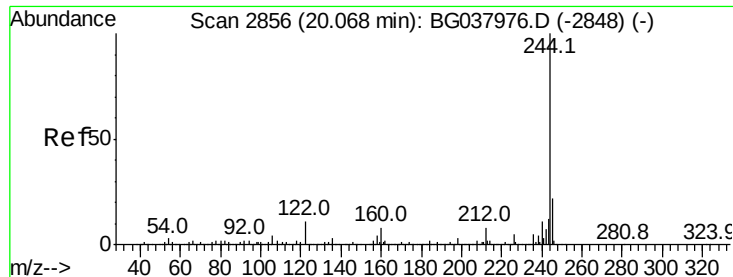


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.061 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

Instrument :

BNA_G

ClientSampleId :

PB115084BL

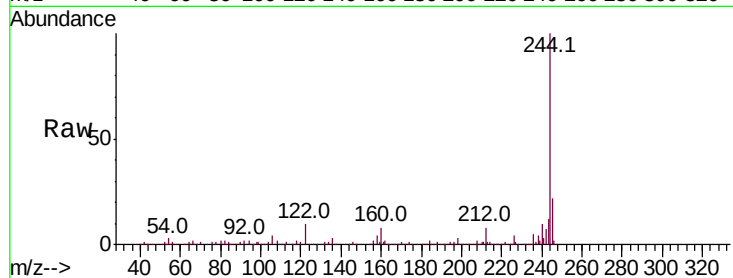
Tot Ion:244 Resp: 755565

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

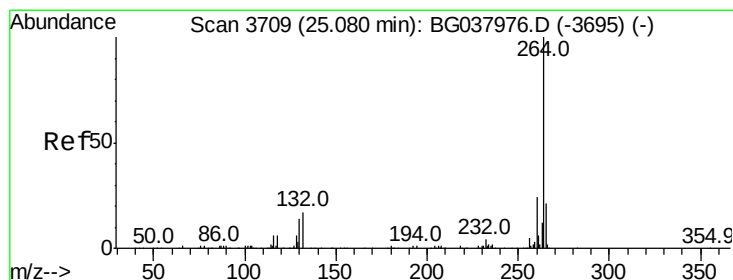
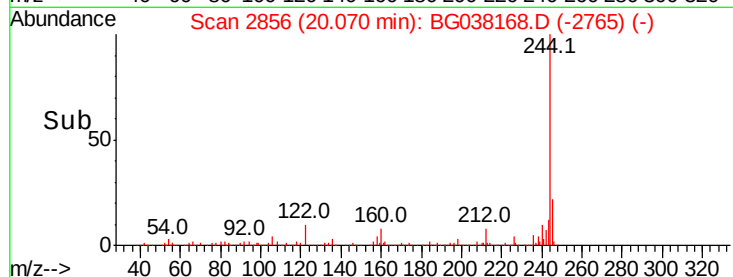
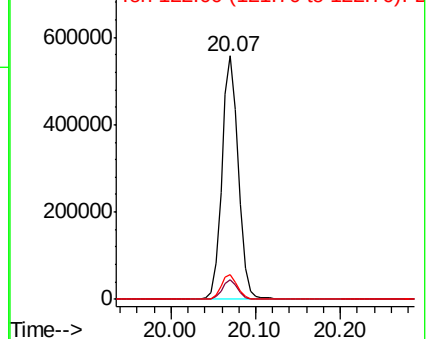
122 10.3 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. 0.00 min

Lab File: BG038168.D

Acq: 27 Nov 2018 15:40

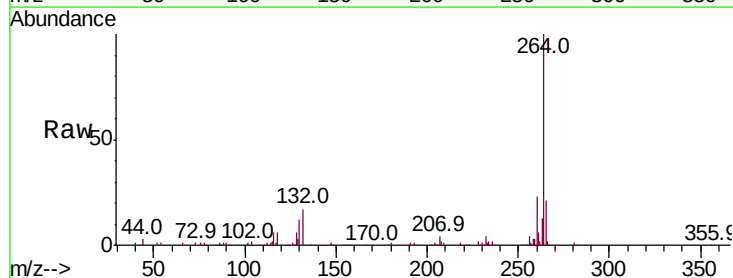
Tgt Ion:264 Resp: 230595

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.4 17.9 26.9



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

