

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038932.D
 Acq On : 4 Jan 2019 16:32
 Operator : JU/SJ
 Sample : PB116158BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BL

Quant Time: Jan 04 22:56:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21621	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	86936	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	63767	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	175488	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	177602	20.00	ng	-0.02
87) Perylene-d12	25.01	264	184804	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	164311	134.79	ng	0.00
7) Phenol-d6	7.20	99	224240	134.00	ng	0.00
23) Nitrobenzene-d5	9.22	82	131643	77.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	126048	143.43	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	380071	81.77	ng	-0.02
79) Terphenyl-d14	20.04	244	787494	96.50	ng	0.00

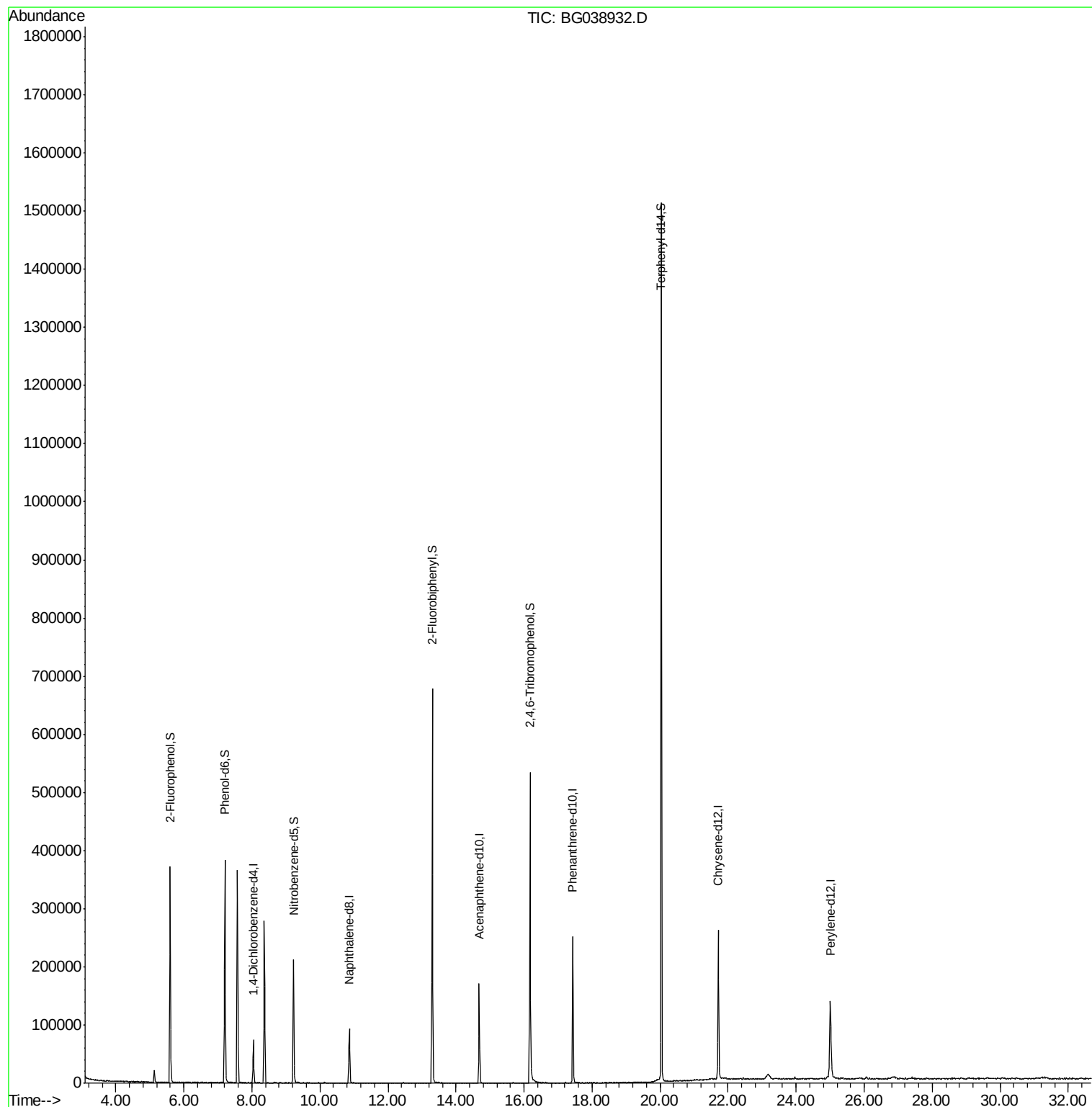
Target Compounds Qvalue

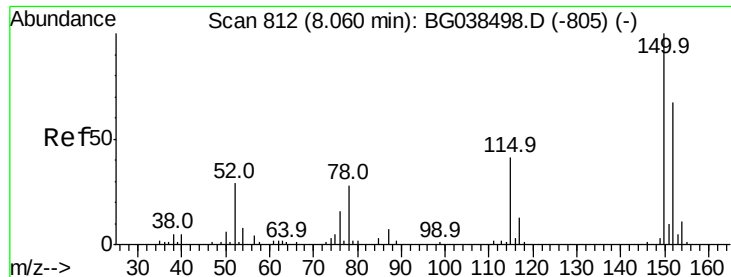
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.02 min

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Acq: 4 Jan 2019 16:32

Instrument :

BNA_G

ClientSampleID :

PB116158BL

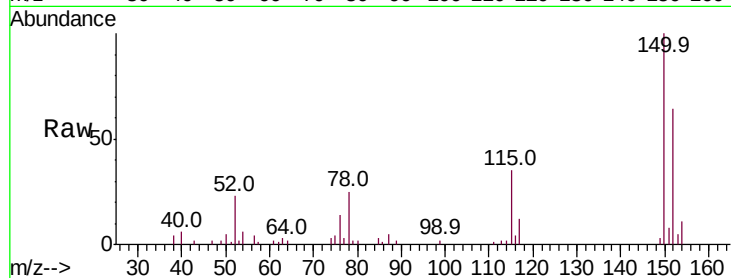
Tot Ion:152 Resp: 21621

Ion Ratio Lower Upper

152 100

150 156.4 119.5 179.3

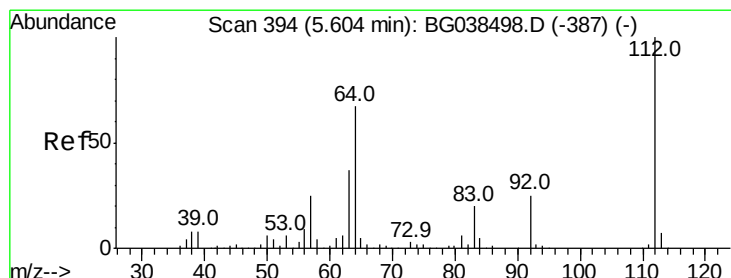
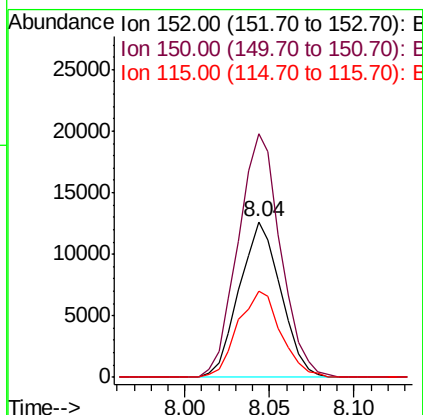
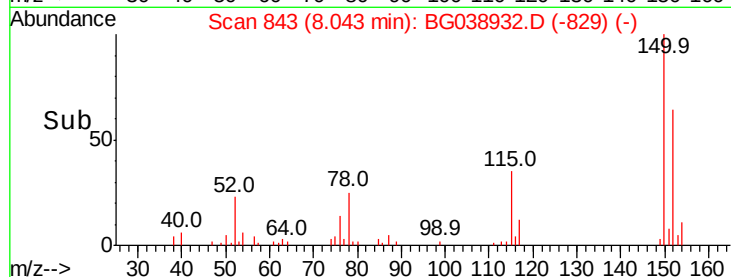
115 55.0 49.6 74.4



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: 134.790 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG038932.D

Acq: 4 Jan 2019 16:32

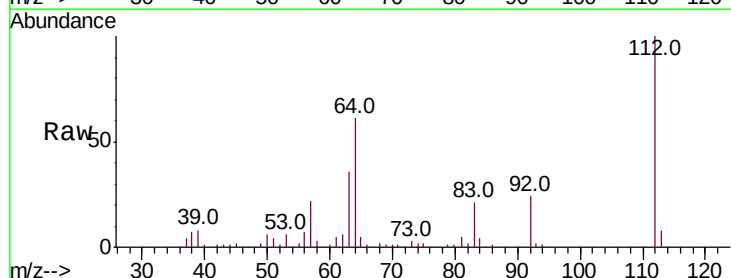
Tgt Ion:112 Resp: 164311

Ion Ratio Lower Upper

112 100

64 61.4 53.4 80.2

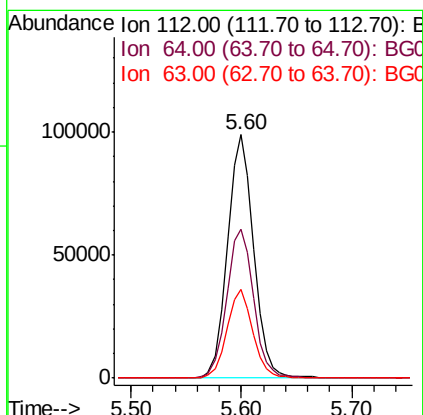
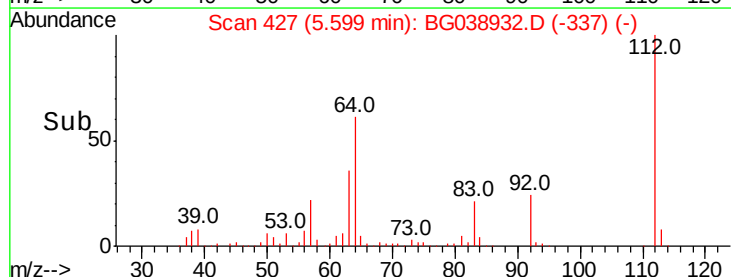
63 36.3 29.3 43.9

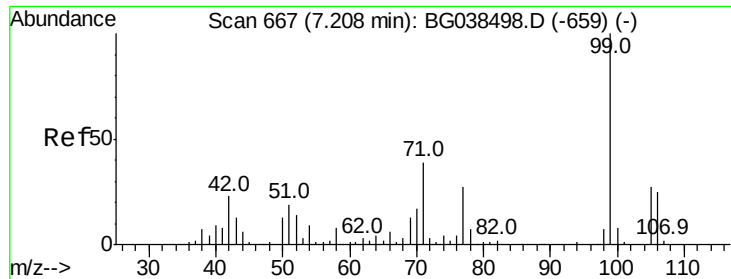


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 133.997 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038932.D

Acq: 4 Jan 2019 16:32

Instrument :

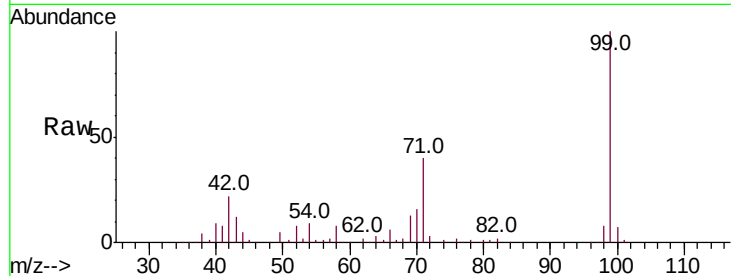
BNA_G

ClientSampleId :

PB116158BL

Tot Ion: 99 Resp: 224240

Ion	Ratio	Lower	Upper
99	100		
42	21.9	18.5	27.7
71	39.8	31.1	46.7

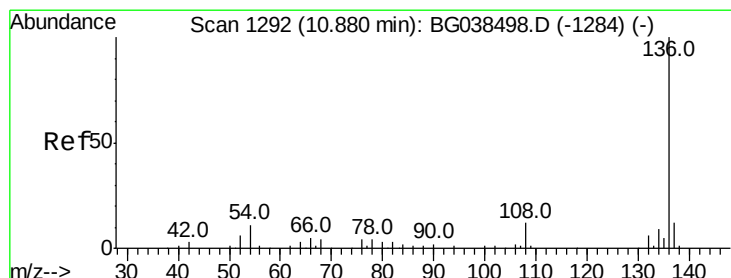
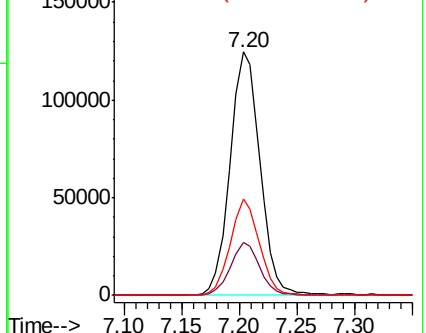
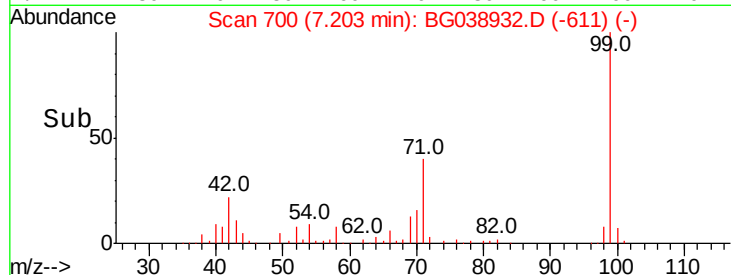


Abundance

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: 10.86 min Scan# 1323

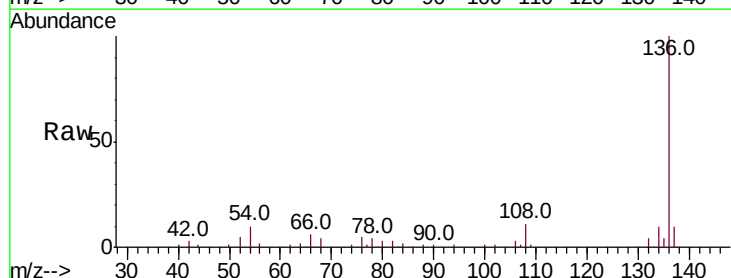
Delta R.T. -0.02 min

Lab File: BG038932.D

Acq: 4 Jan 2019 16:32

Tgt Ion: 136 Resp: 86936

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.3	13.9
54	10.2	8.5	12.7
68	4.3	3.5	5.3



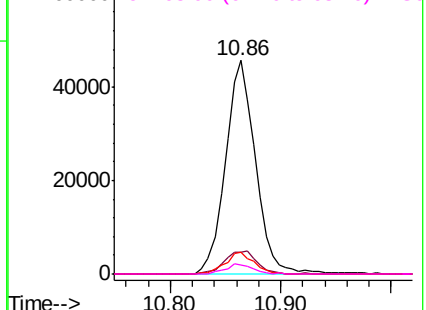
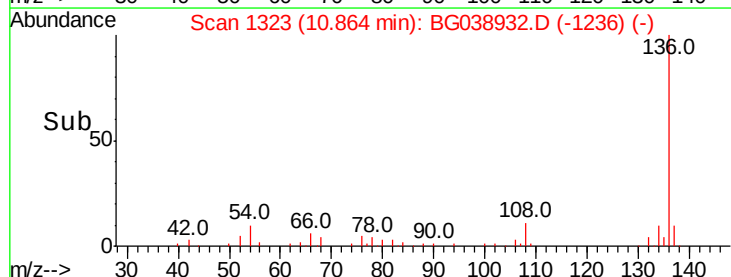
Abundance

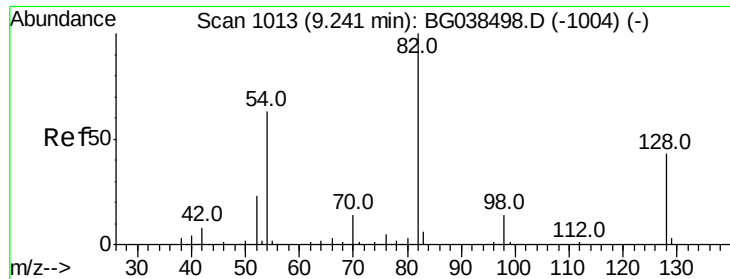
Ion 136.00 (135.70 to 136.70): BGC

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

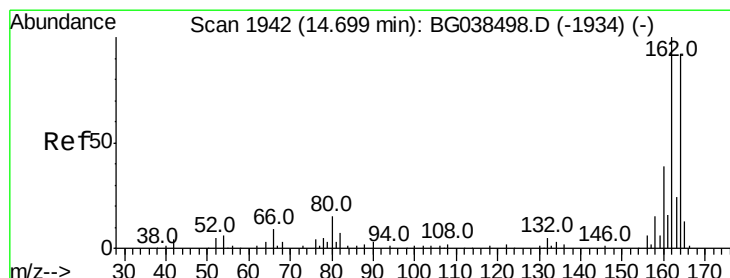
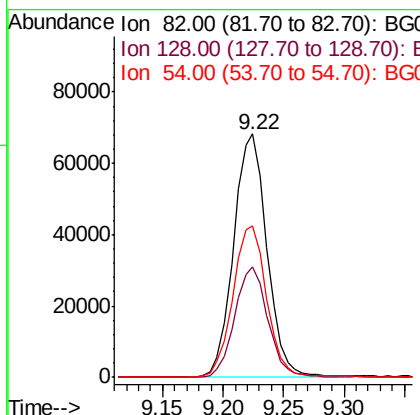
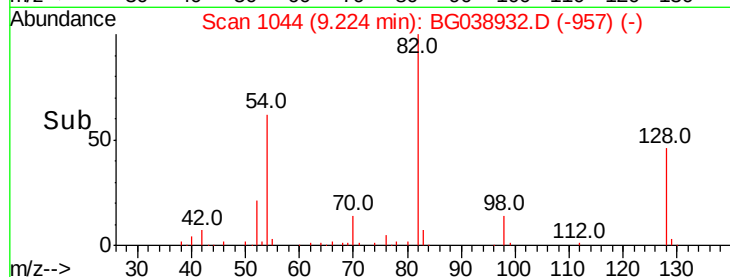
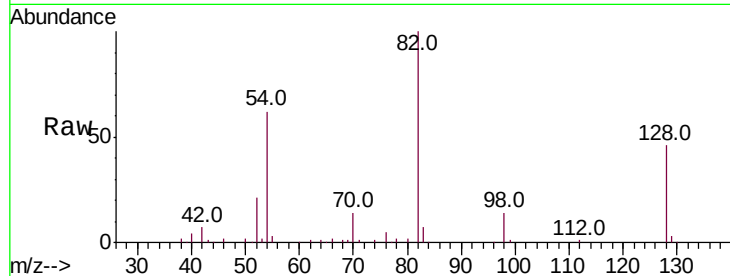




#23
 Nitrobenzene-d5
 Concen: 77.359 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038932.D
 Acq: 4 Jan 2019 16:32

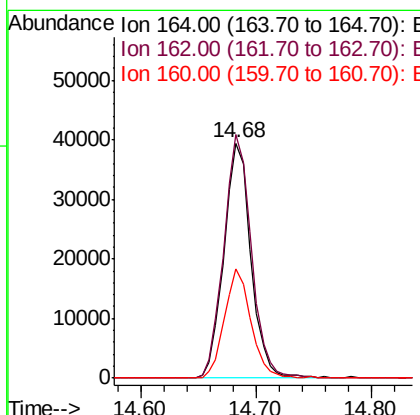
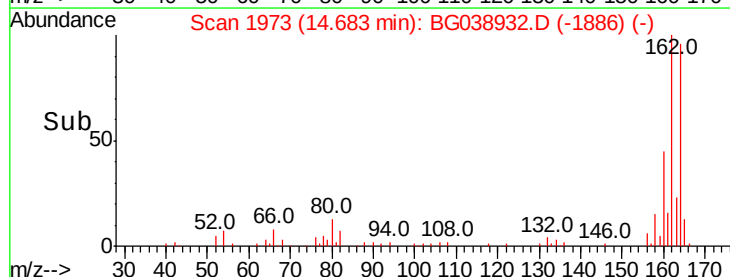
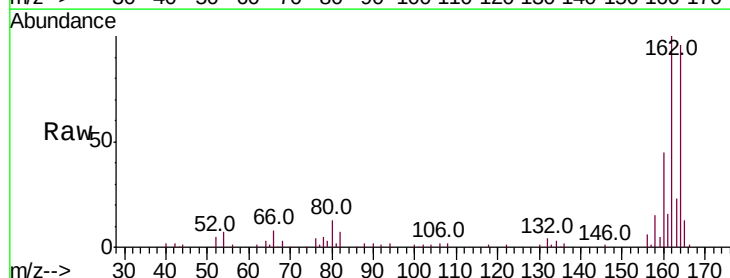
Instrument :
 BNA_G
 ClientSampleId :
 PB116158BL

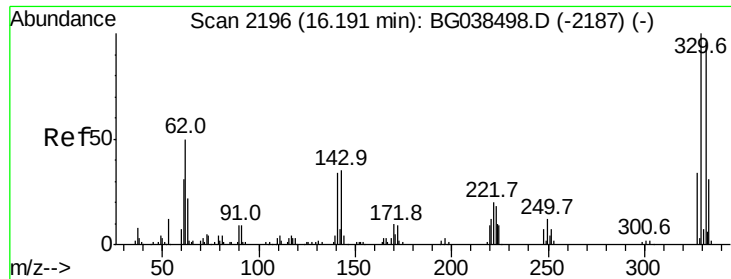
Tot Ion: 82 Resp: 131643
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 52.0
 54 62.3 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG038932.D
 Acq: 4 Jan 2019 16:32

Tgt Ion:164 Resp: 63767
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.6 130.0
 160 46.3 34.2 51.2

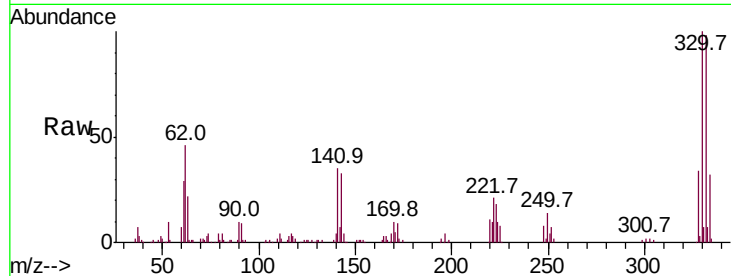




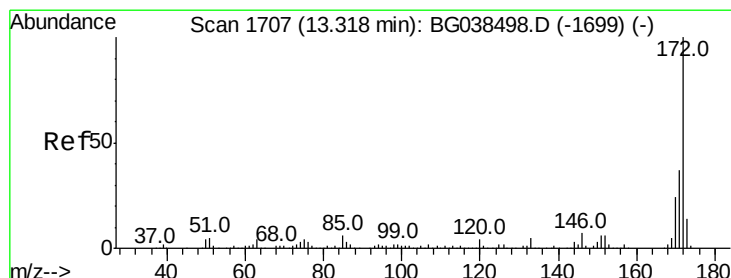
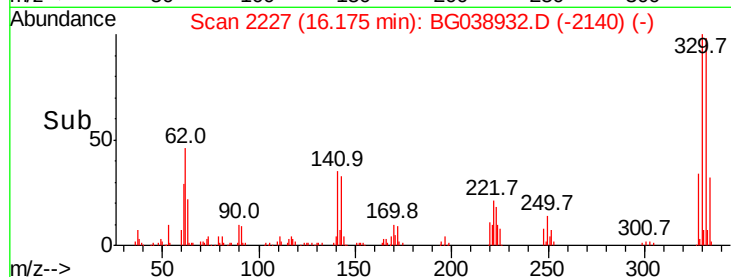
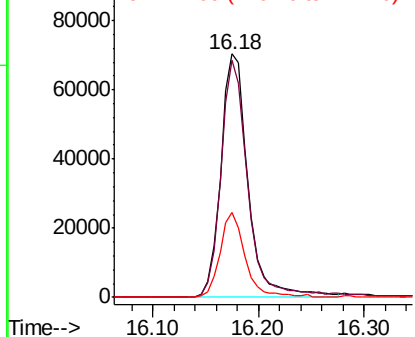
#42
 2,4,6-Tribromophenol
 Concen: 143.428 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG038932.D
 Acq: 4 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	32.5	28.8	43.2

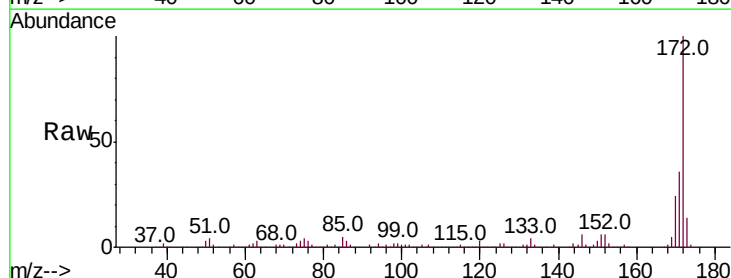


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

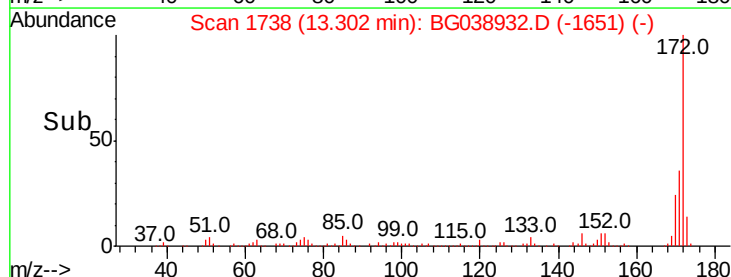
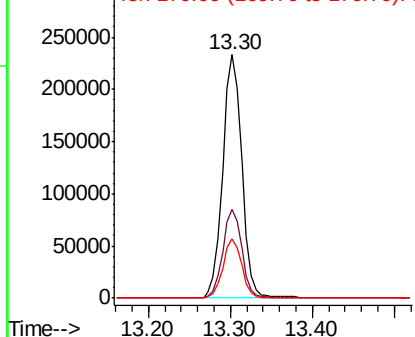


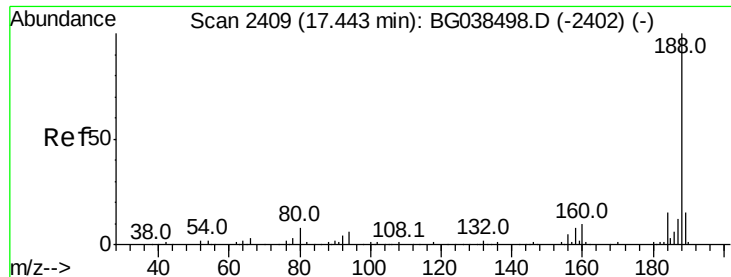
#45
 2-Fluorobiphenyl
 Concen: 81.766 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038932.D
 Acq: 4 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.1	19.5	29.3



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

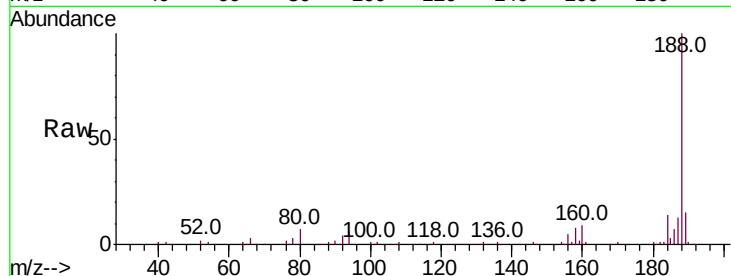




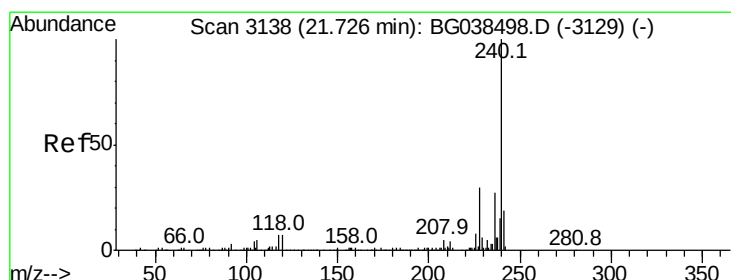
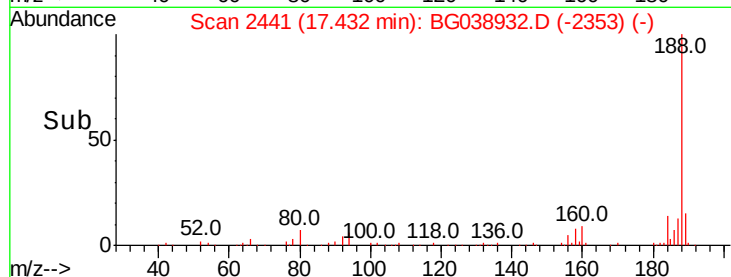
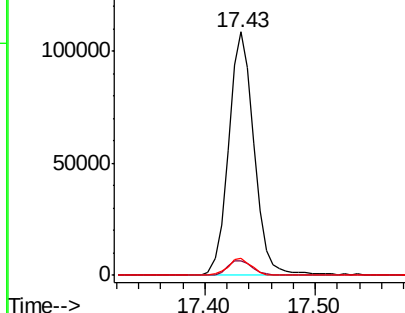
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038932.D
Acq: 4 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116158BL

Tot Ion:188 Resp: 175488
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 6.9 6.1 9.1

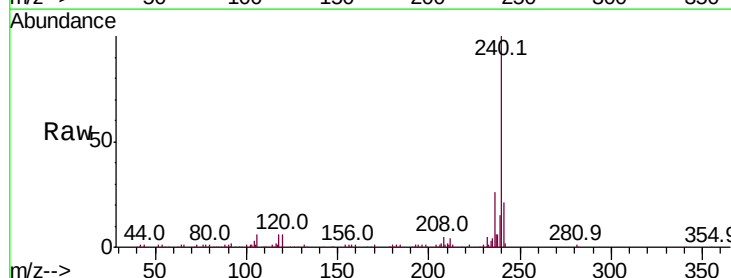


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

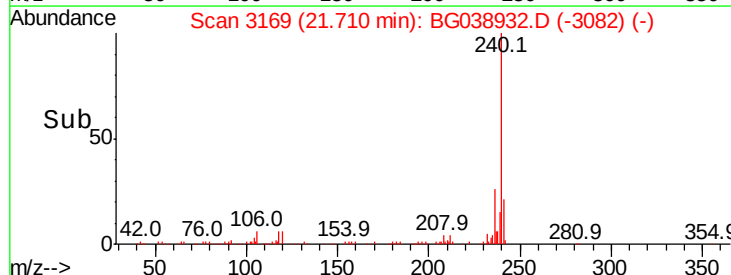
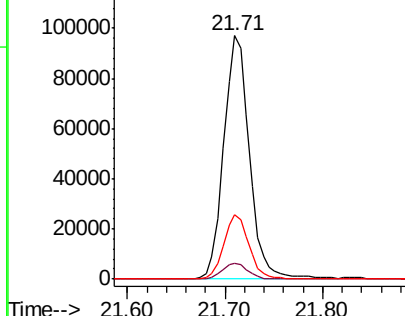


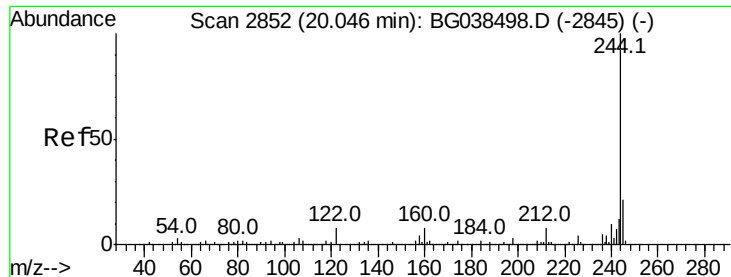
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG038932.D
Acq: 4 Jan 2019 16:32

Tgt Ion:240 Resp: 177602
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 26.4 21.4 32.2



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: 96.499 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038932.D

Acq: 4 Jan 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB116158BL

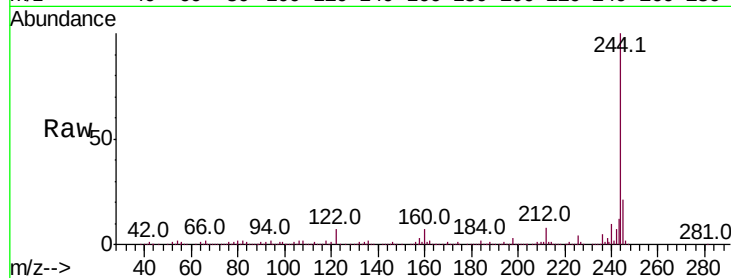
Tot Ion:244 Resp: 787494

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

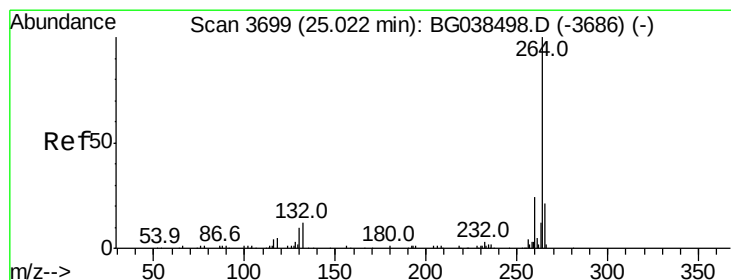
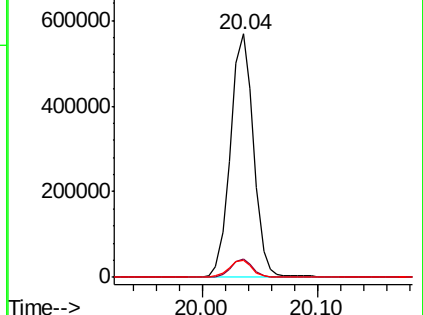
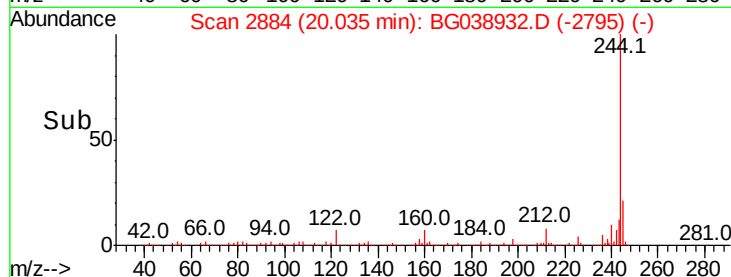
122 7.0 6.3 9.5



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: 25.01 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038932.D

Acq: 4 Jan 2019 16:32

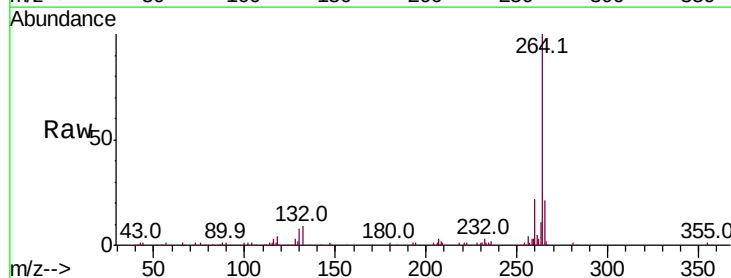
Tgt Ion:264 Resp: 184804

Ion Ratio Lower Upper

264 100

260 21.9 18.9 28.3

265 20.7 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

