

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038923.D
 Acq On : 4 Jan 2019 3:52
 Operator : JU/SJ
 Sample : PB116135TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116135TB

Quant Time: Jan 04 05:43:30 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	8.05	152	25192	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	98416	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	73721	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	210317	20.00	ng	0.00
76) Chrysene-d12	21.71	240	214926	20.00	ng	-0.01
87) Perylene-d12	25.00	264	223752	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	173243	121.97	ng	0.00
7) Phenol-d6	7.21	99	238151	122.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	136560	70.89	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	87399	86.02	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	398369	74.13	ng	-0.01
79) Terphenyl-d14	20.04	244	863142	87.40	ng	0.00

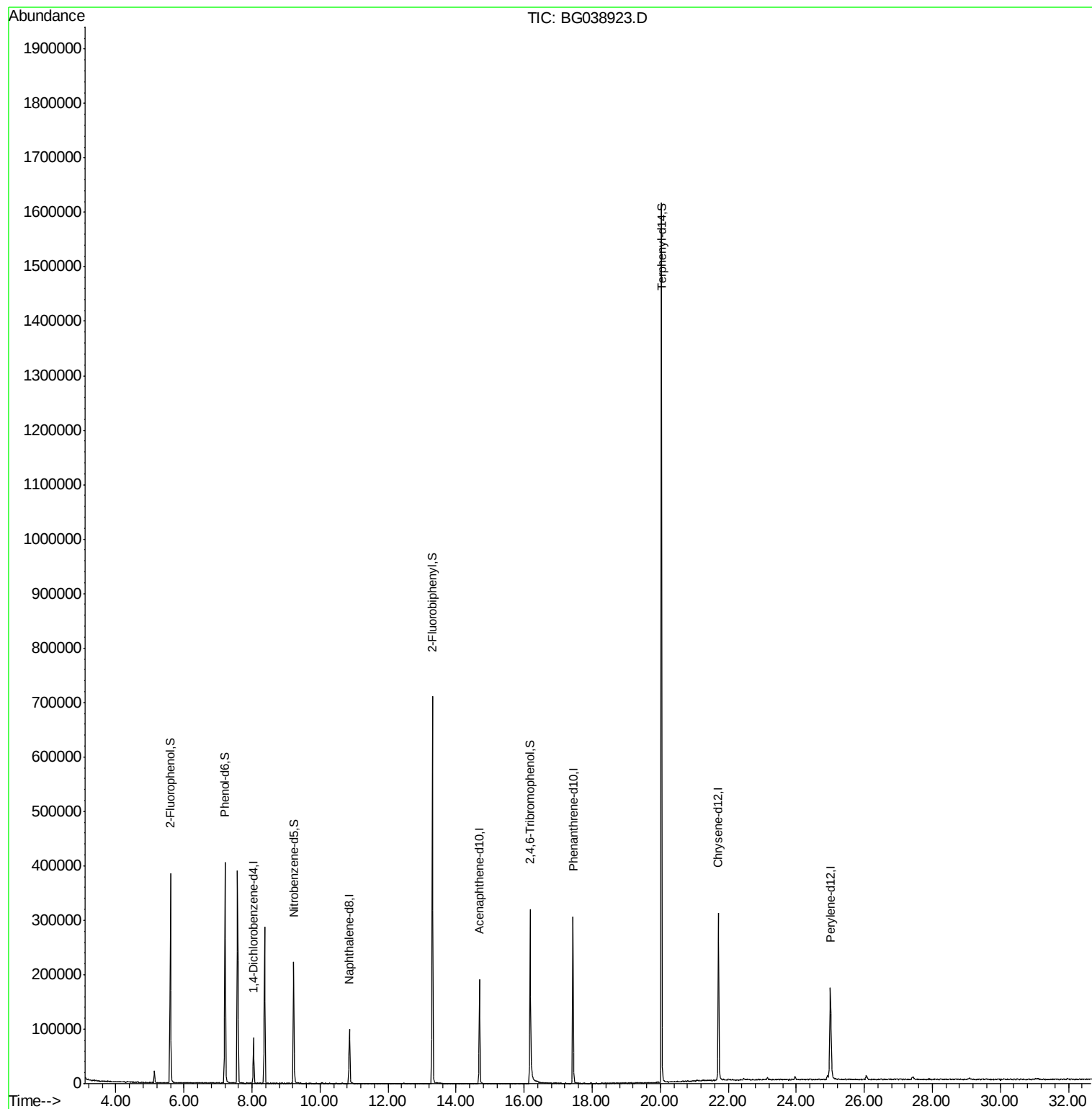
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG038923.D

Acq: 4 Jan 2019 3:52

Instrument :

BNA_G

ClientSampleId :

PB116135TB

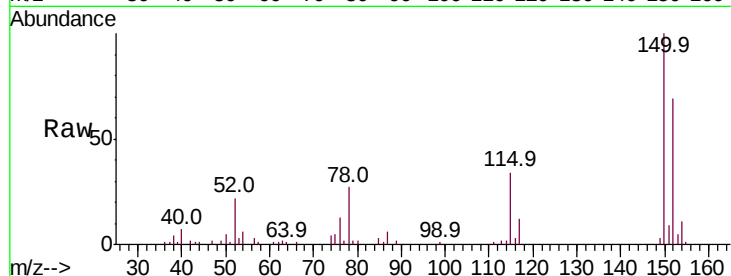
Tot Ion:152 Resp: 25192

Ion Ratio Lower Upper

152 100

150 144.6 119.5 179.3

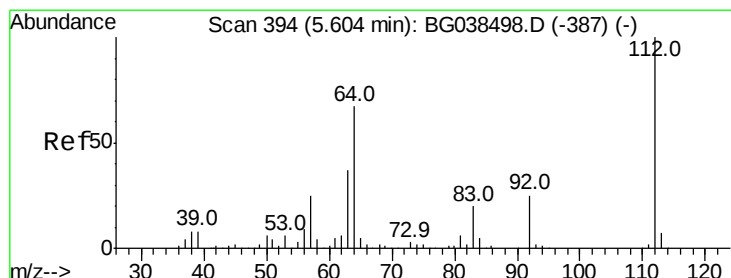
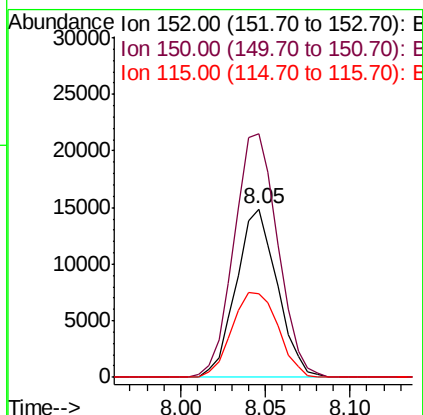
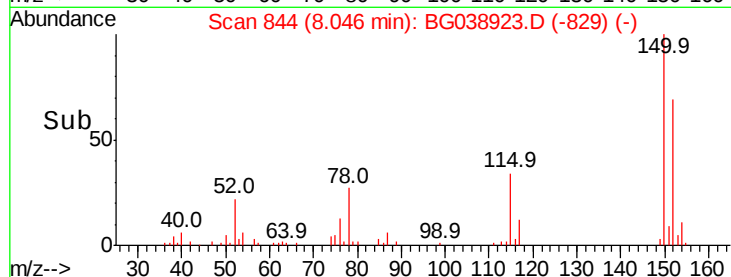
115 49.5 49.6 74.4#



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: 121.972 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038923.D

Acq: 4 Jan 2019 3:52

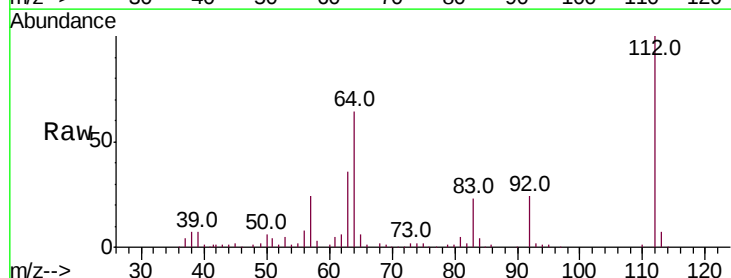
Tgt Ion:112 Resp: 173243

Ion Ratio Lower Upper

112 100

64 64.0 53.4 80.2

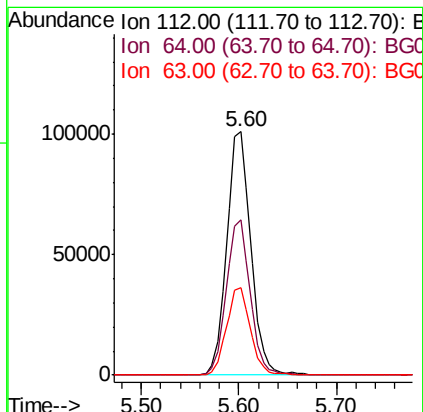
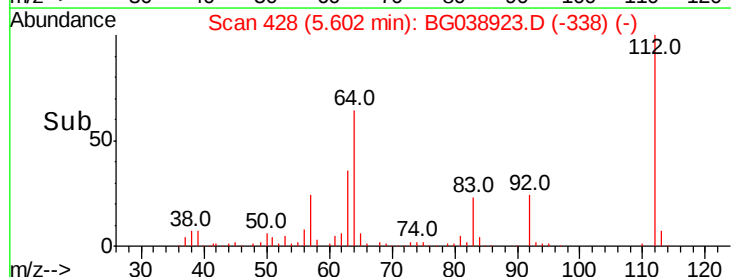
63 36.0 29.3 43.9

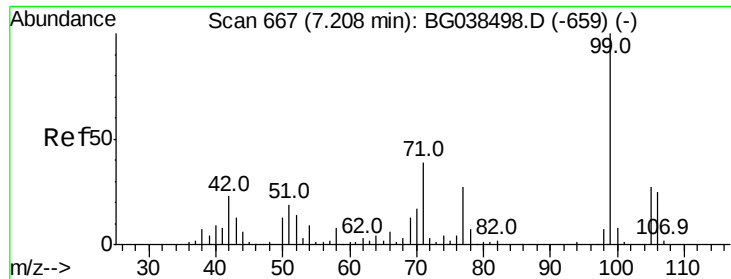


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 122.137 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038923.D

Acq: 4 Jan 2019 3:52

Instrument :

BNA_G

ClientSampleId :

PB116135TB

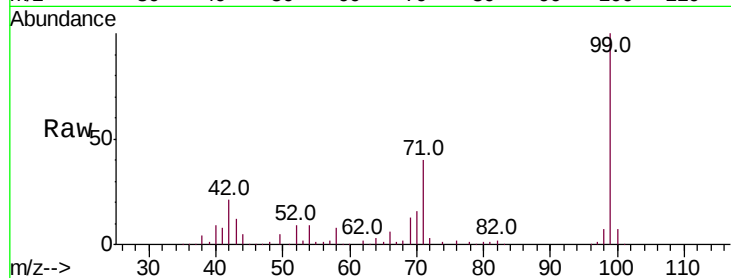
Tot Ion: 99 Resp: 238151

Ion Ratio Lower Upper

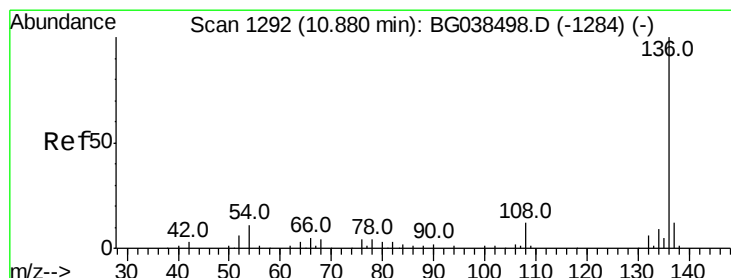
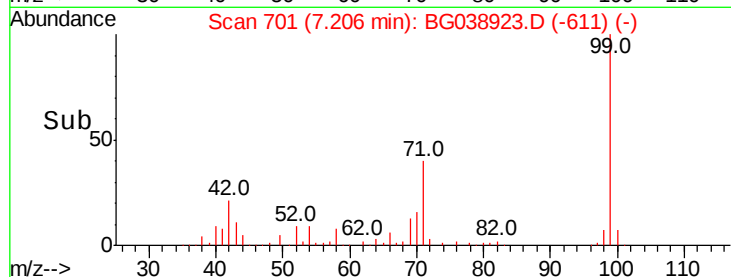
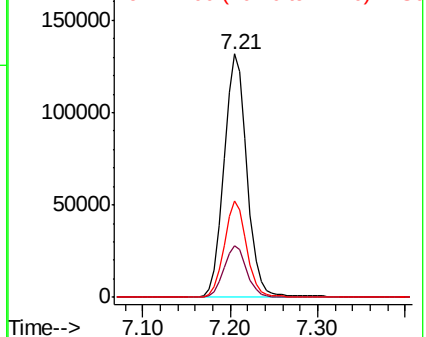
99 100

42 21.2 18.5 27.7

71 39.5 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: BG038923.D

Acq: 4 Jan 2019 3:52

Tgt Ion: 136 Resp: 98416

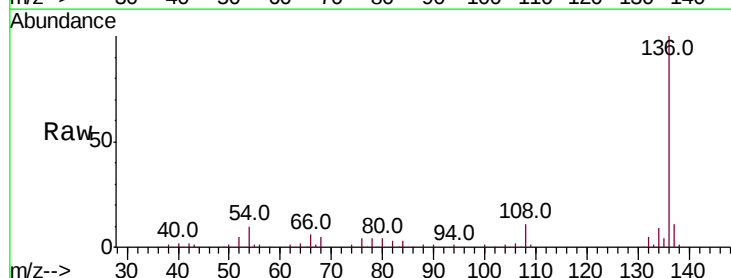
Ion Ratio Lower Upper

136 100

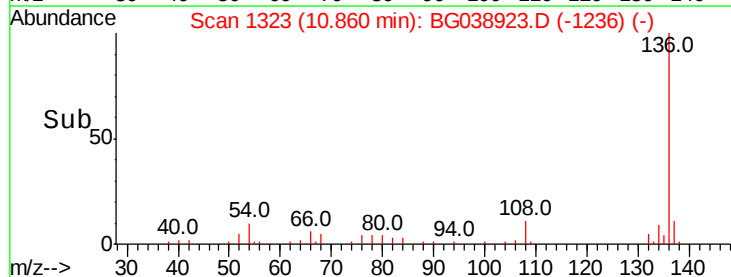
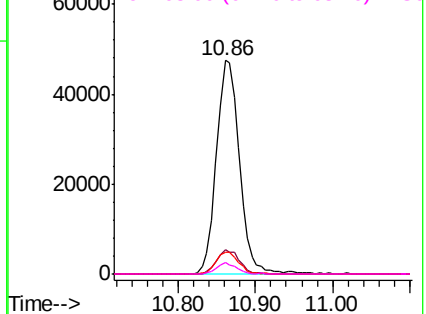
137 11.4 9.3 13.9

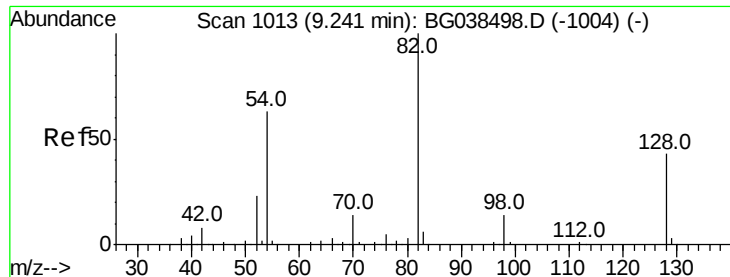
54 10.4 8.5 12.7

68 5.2 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

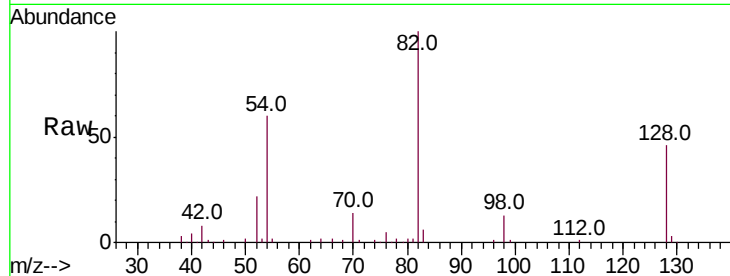




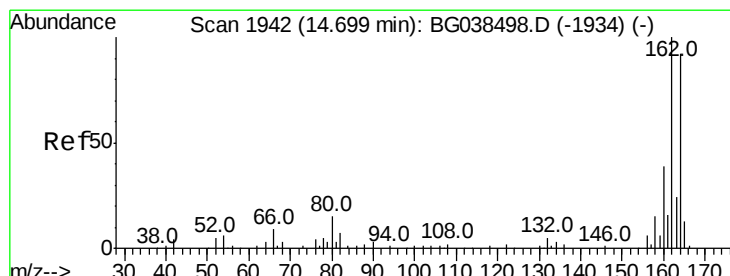
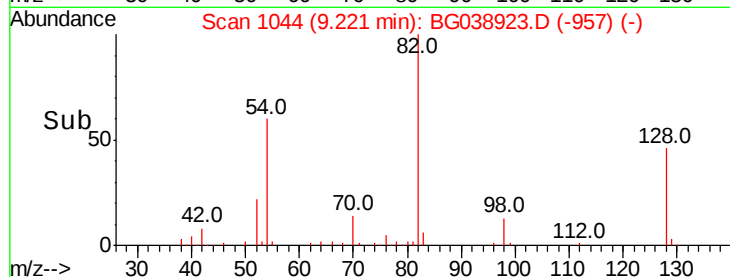
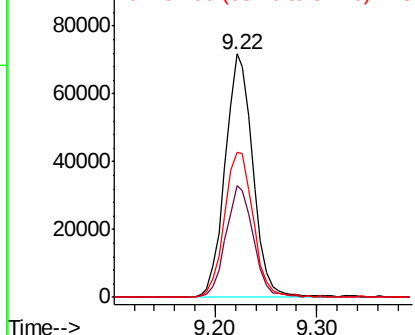
#23
Nitrobenzene-d5
Concen: 70.887 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038923.D
Acq: 4 Jan 2019 3:52

Instrument :
BNA_G
ClientSampleId :
PB116135TB

Tot Ion: 82 Resp: 136560
Ion Ratio Lower Upper
82 100
128 46.1 34.6 52.0
54 59.8 50.6 76.0

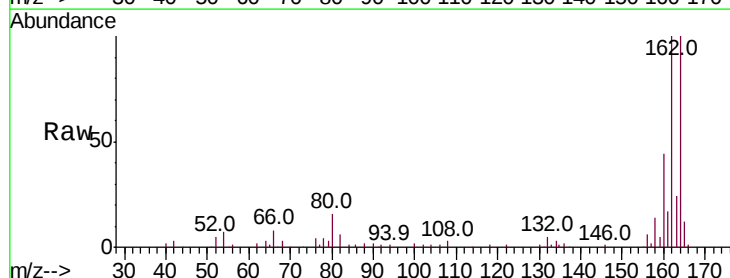


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

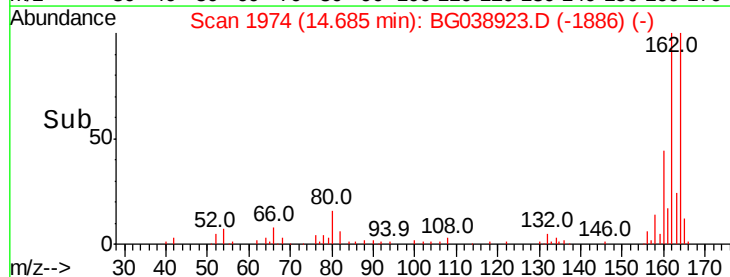
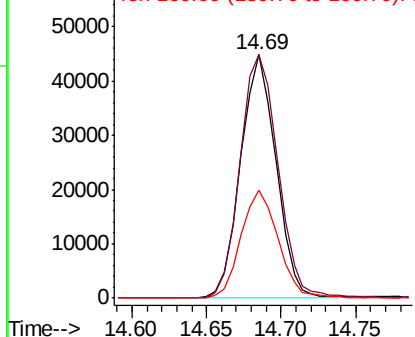


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038923.D
Acq: 4 Jan 2019 3:52

Tgt Ion:164 Resp: 73721
Ion Ratio Lower Upper
164 100
162 99.8 86.6 130.0
160 44.3 34.2 51.2



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

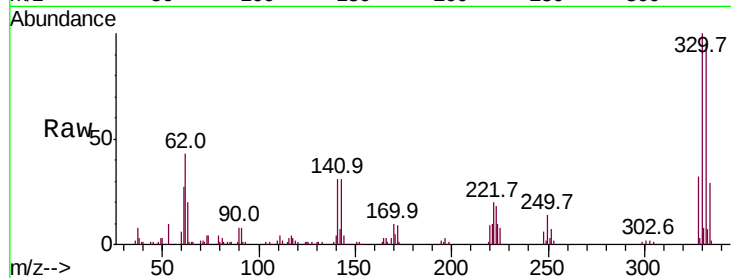




#42
 2,4,6-Tribromophenol
 Concen: 86.022 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038923.D
 Acq: 4 Jan 2019 3:52

Instrument :
 BNA_G
 ClientSampleId :
 PB116135TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	32.3	28.8	43.2

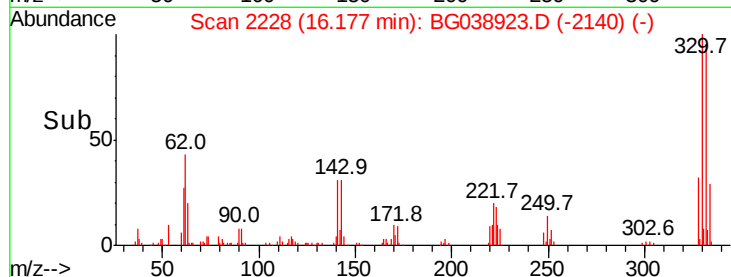
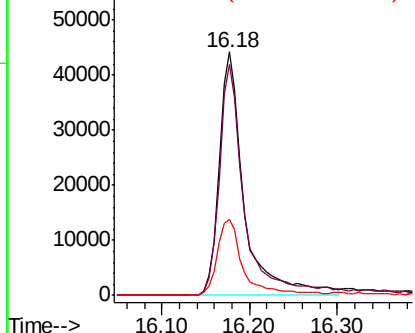


Abundance

Ion 329.80 (329.50 to 330.50): E

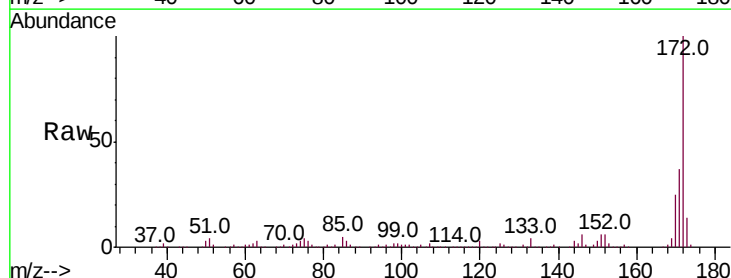
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.131 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038923.D
 Acq: 4 Jan 2019 3:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.7	19.5	29.3

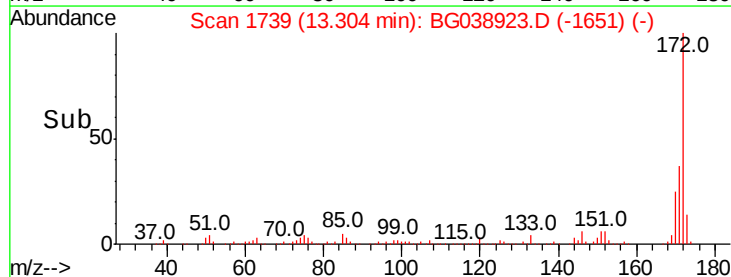
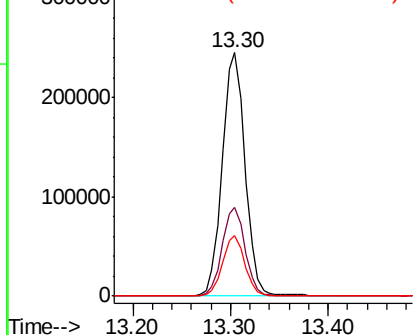


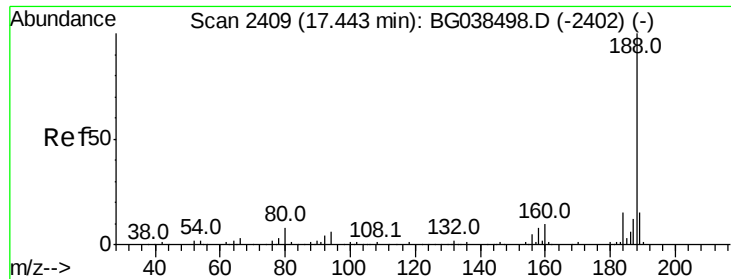
Abundance

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# 2442

Delta R.T. -0.01 min

Lab File: BG038923.D

Acq: 4 Jan 2019 3:52

Instrument :

BNA_G

ClientSampleId :

PB116135TB

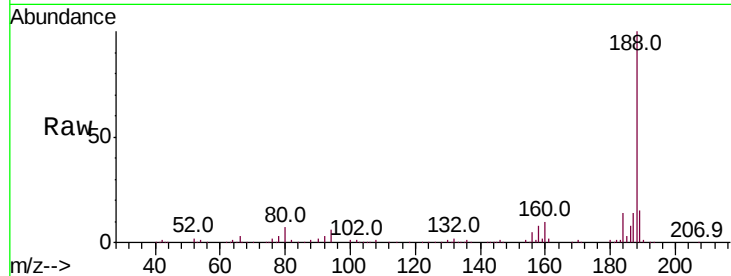
Tot Ion:188 Resp: 210317

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

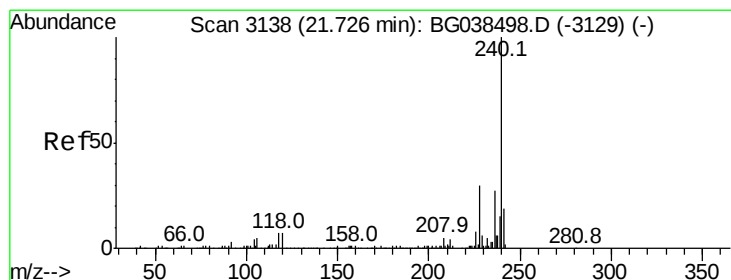
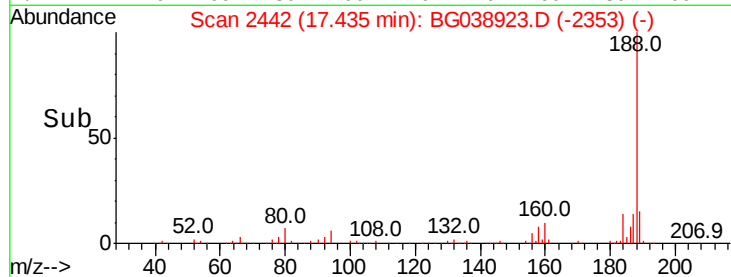
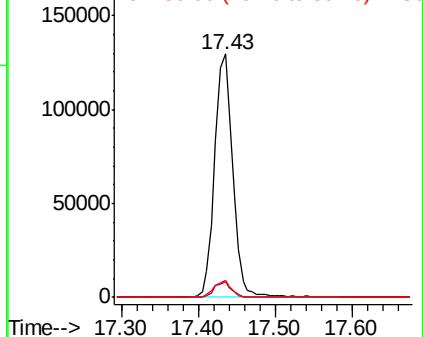
80 6.9 6.1 9.1



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# 3170

Delta R.T. -0.01 min

Lab File: BG038923.D

Acq: 4 Jan 2019 3:52

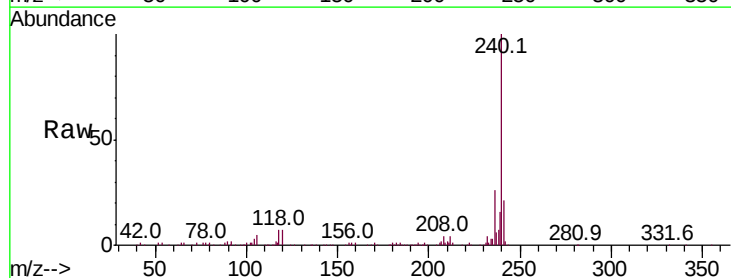
Tgt Ion:240 Resp: 214926

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

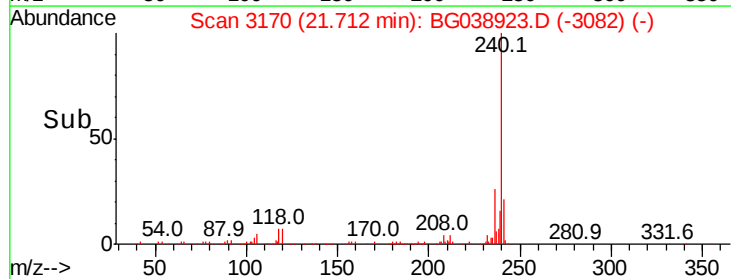
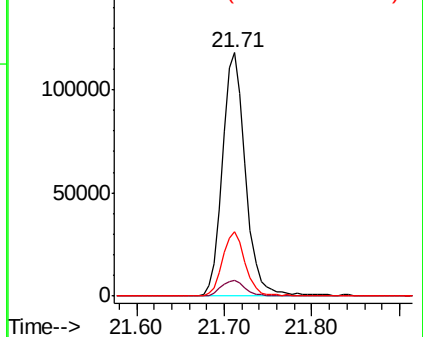
236 26.5 21.4 32.2



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: 87.401 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038923.D

Acq: 4 Jan 2019 3:52

Instrument :

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ClientSampleId :

PB116135TB

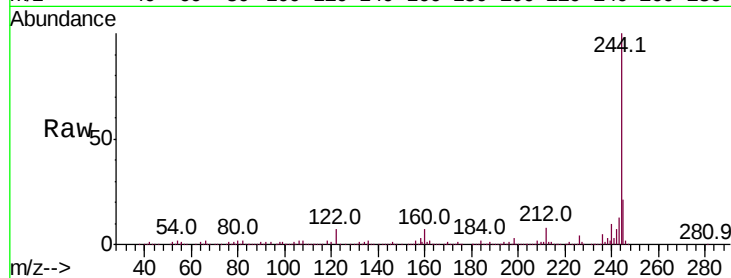
Tot Ion:244 Resp: 863142

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

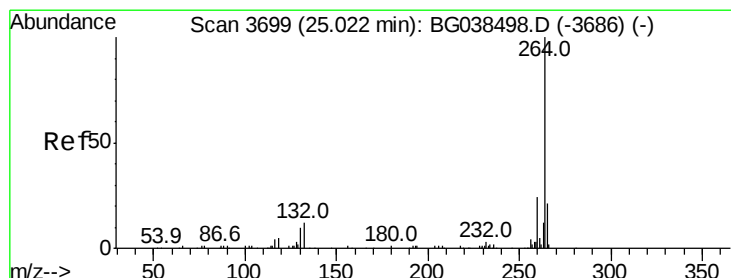
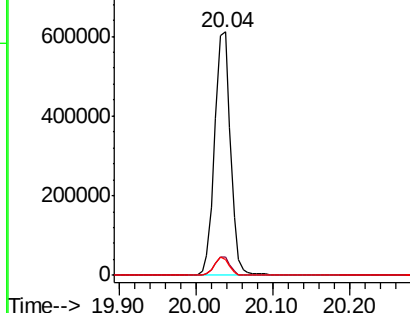
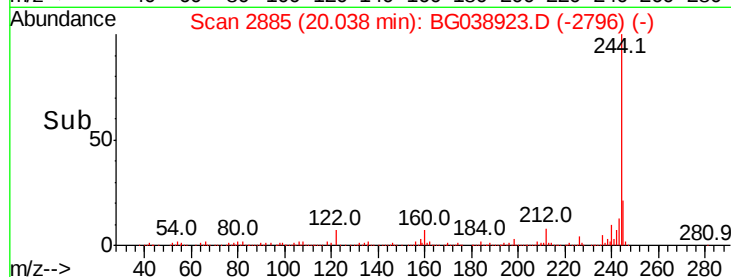
122 6.7 6.3 9.5



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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038923.D

Acq: 4 Jan 2019 3:52

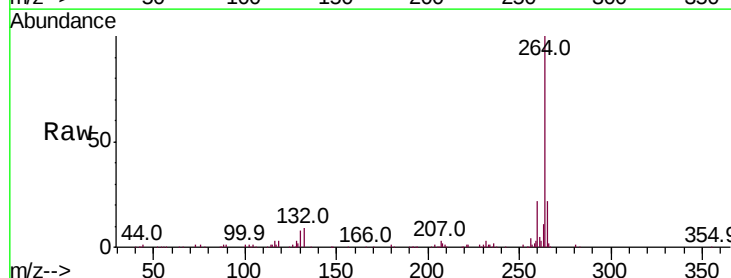
Tgt Ion:264 Resp: 223752

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 21.8 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

