

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038899.D
 Acq On : 2 Jan 2019 19:35
 Operator : JU/SJ
 Sample : PB116088BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BL

Quant Time: Jan 03 00:51:38 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	24350	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	93727	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	69753	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	192338	20.00	ng	0.00
76) Chrysene-d12	21.71	240	196224	20.00	ng	-0.02
87) Perylene-d12	25.00	264	206985	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	194710	141.83	ng	0.00
7) Phenol-d6	7.21	99	257342	136.54	ng	0.00
23) Nitrobenzene-d5	9.23	82	154818	84.39	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	154220	160.42	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	433379	85.23	ng	-0.02
79) Terphenyl-d14	20.04	244	907235	100.62	ng	0.00

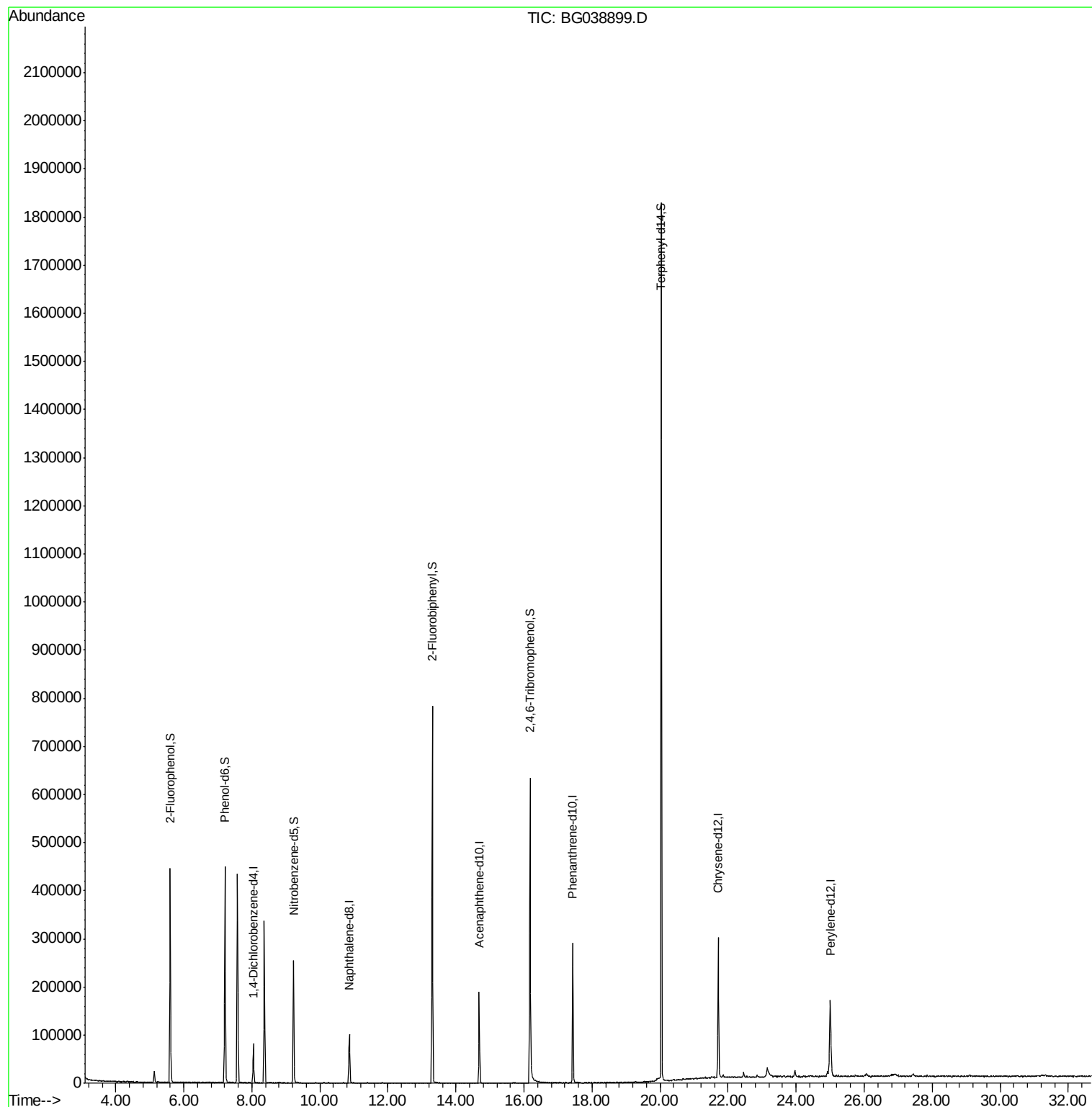
Target Compounds Qvalue

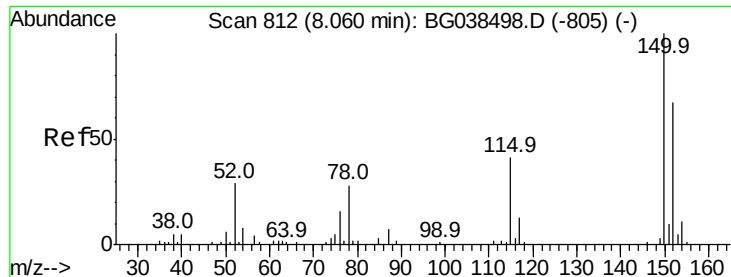
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
Data File : BG038899.D
Acq On : 2 Jan 2019 19:35
Operator : JU/SJ
Sample : PB116088BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116088BL

Quant Time: Jan 03 00:51:38 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



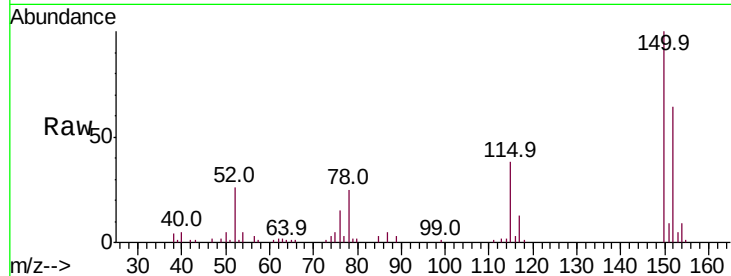


#1

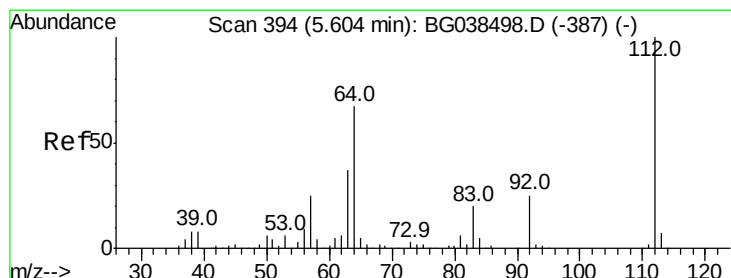
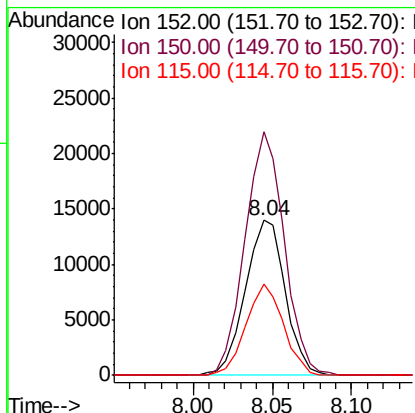
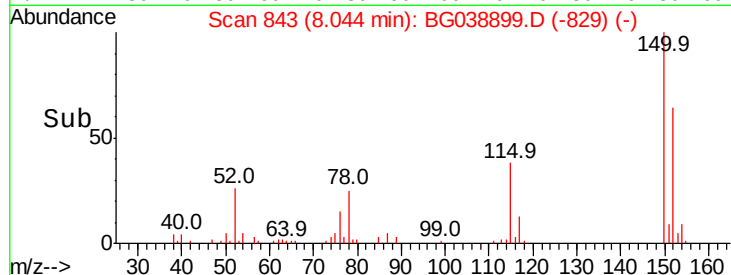
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

Instrument :
BNA_G
ClientSampleId :
PB116088BL

Tot Ion:152 Resp: 24350
Ion Ratio Lower Upper
152 100
150 157.4 119.5 179.3
115 59.3 49.6 74.4



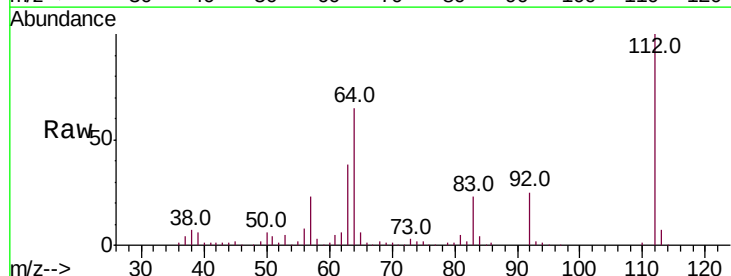
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



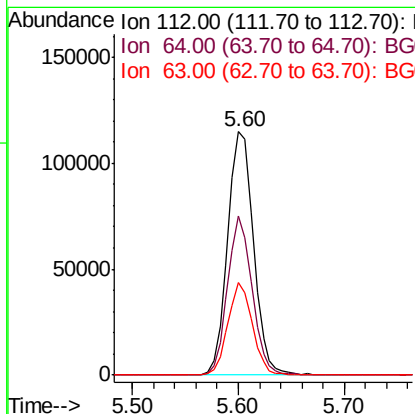
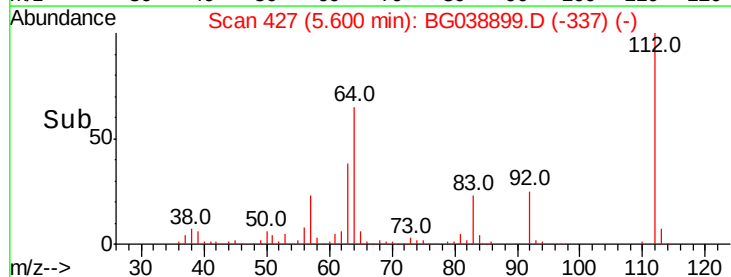
#5

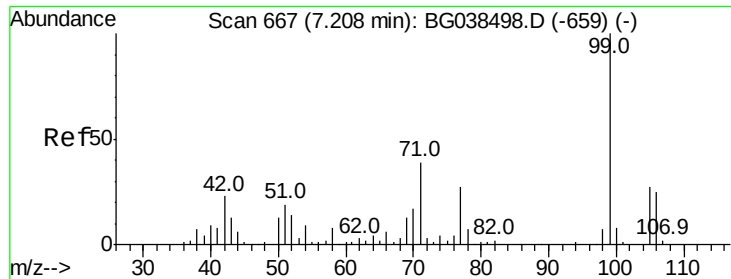
2-Fluorophenol
Concen: 141.827 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

Tgt Ion:112 Resp: 194710
Ion Ratio Lower Upper
112 100
64 65.1 53.4 80.2
63 38.1 29.3 43.9



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: 136.543 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

Instrument :

BNA_G

ClientSampleId :

PB116088BL

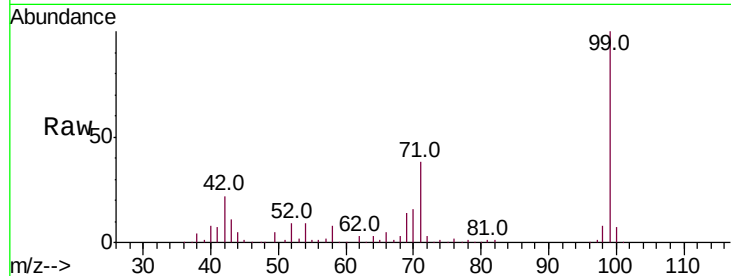
Tot Ion: 99 Resp: 257342

Ion Ratio Lower Upper

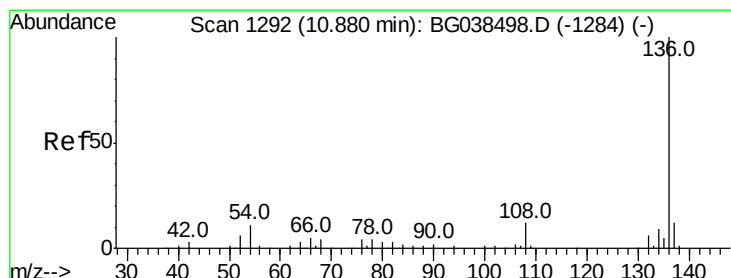
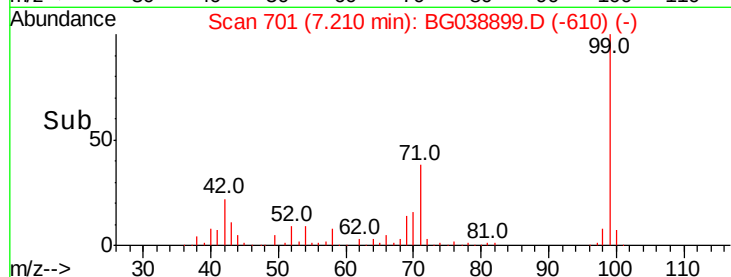
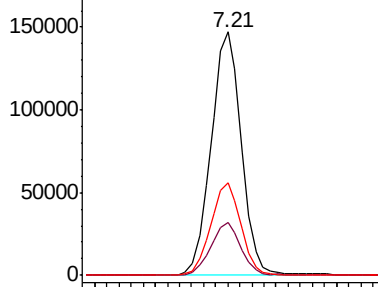
99 100

42 21.6 18.5 27.7

71 37.9 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: BG038899.D

Acq: 2 Jan 2019 19:35

Tgt Ion: 136 Resp: 93727

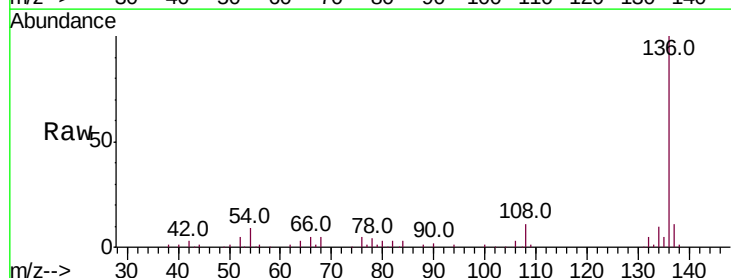
Ion Ratio Lower Upper

136 100

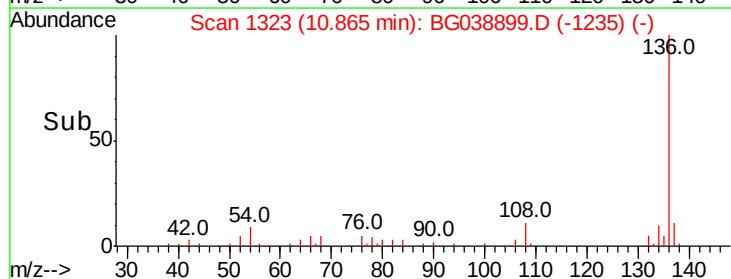
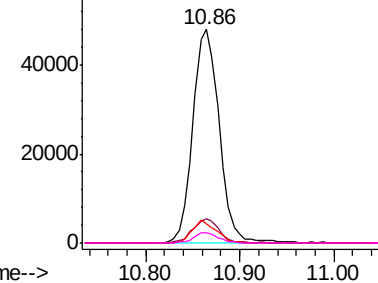
137 11.4 9.3 13.9

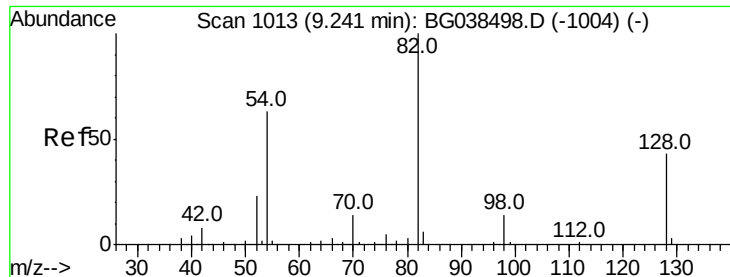
54 8.9 8.5 12.7

68 5.0 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

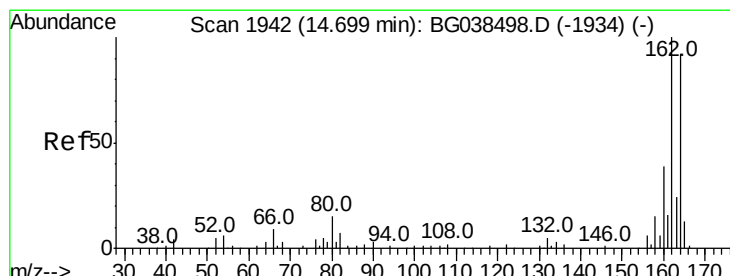
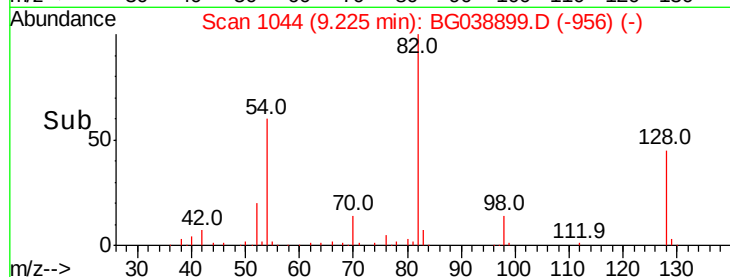
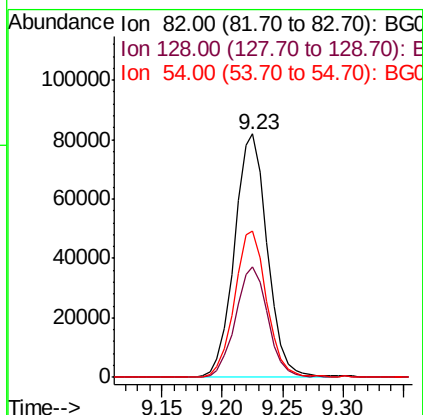
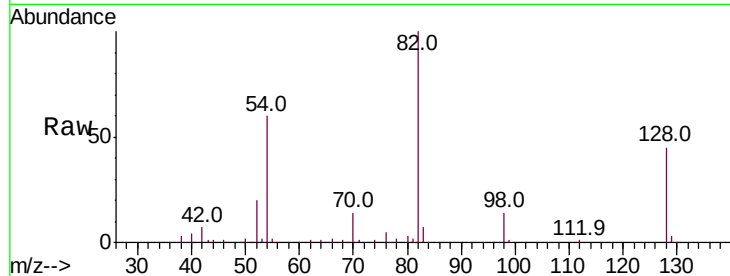




#23
Nitrobenzene-d5
Concen: 84.386 ng
RT: 9.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

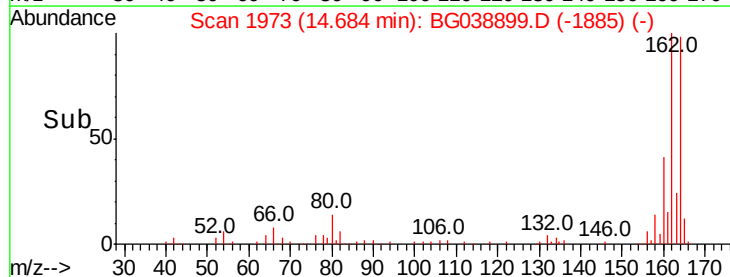
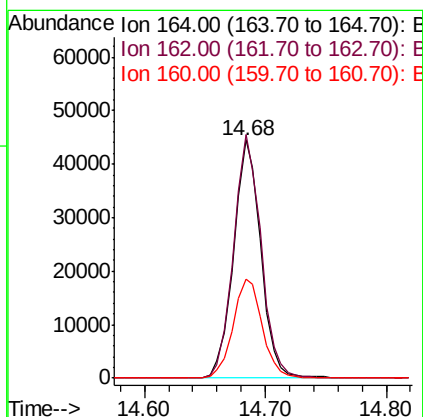
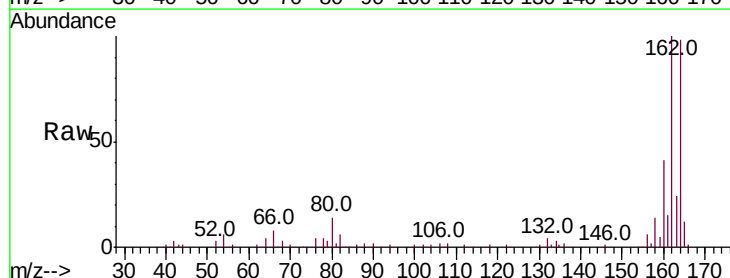
Instrument :
BNA_G
ClientSampleId :
PB116088BL

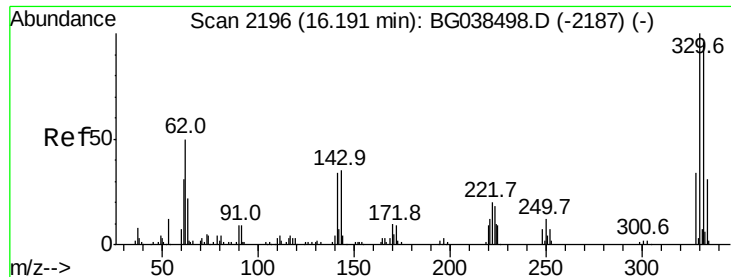
Tot Ion: 82 Resp: 154818
Ion Ratio Lower Upper
82 100
128 45.2 34.6 52.0
54 59.9 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

Tgt Ion: 164 Resp: 69753
Ion Ratio Lower Upper
164 100
162 102.2 86.6 130.0
160 41.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 160.425 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

Instrument :

BNA_G

ClientSampled :

PB116088BL

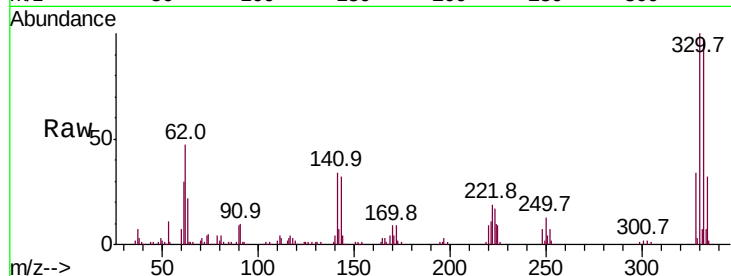
Tot Ion:330 Resp: 154220

Ion Ratio Lower Upper

330 100

332 92.6 76.9 115.3

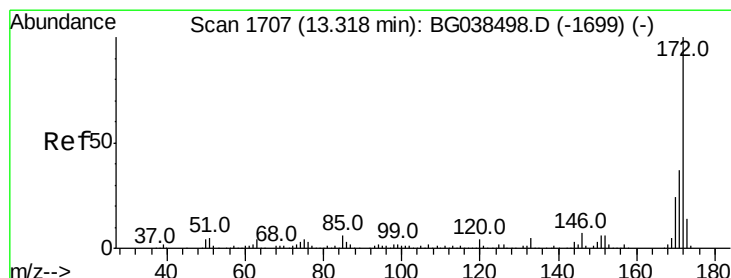
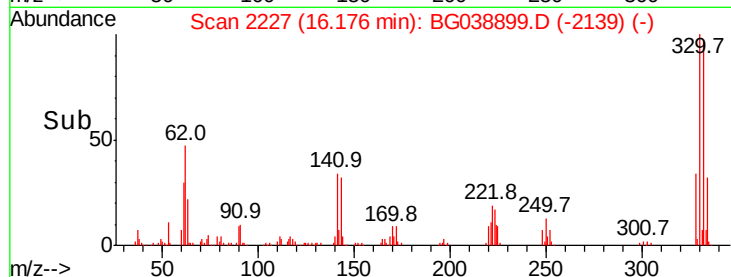
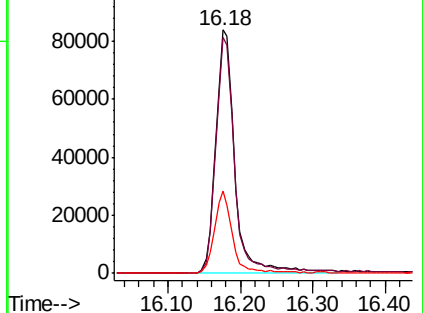
141 30.9 28.8 43.2



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: 85.234 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

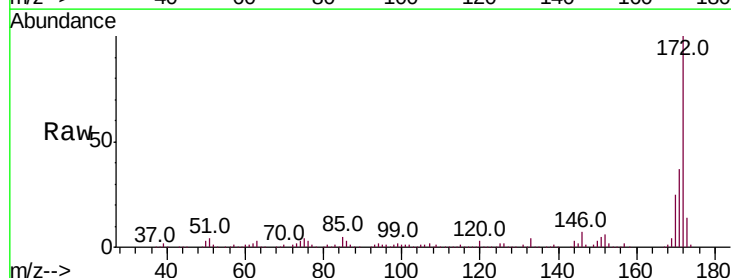
Tgt Ion:172 Resp: 433379

Ion Ratio Lower Upper

172 100

171 37.2 29.8 44.6

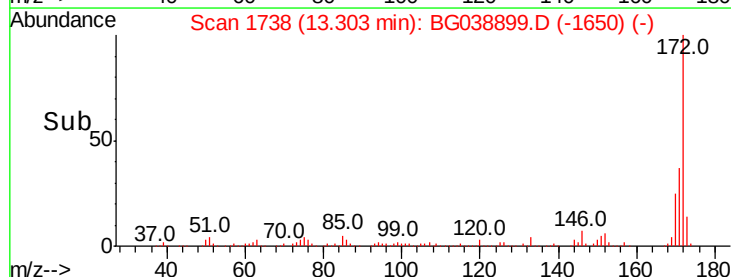
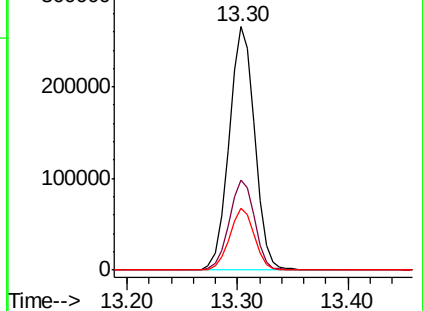
170 25.3 19.5 29.3

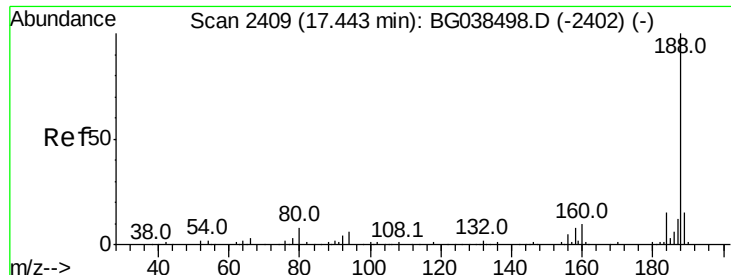


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

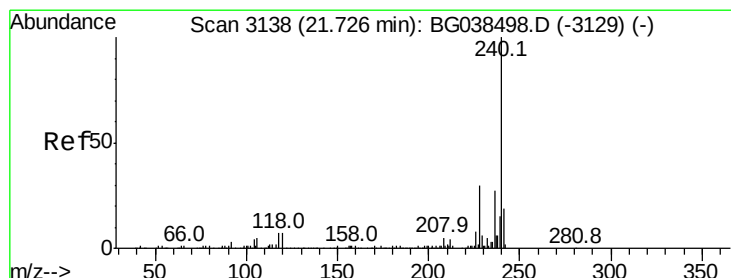
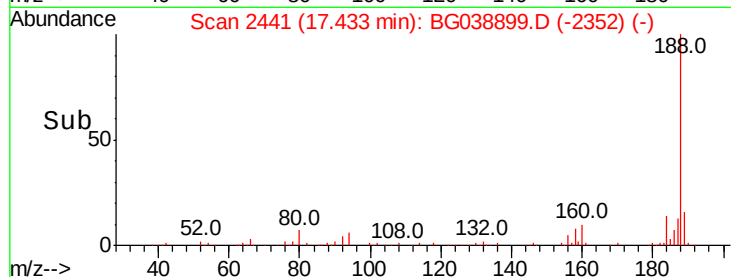
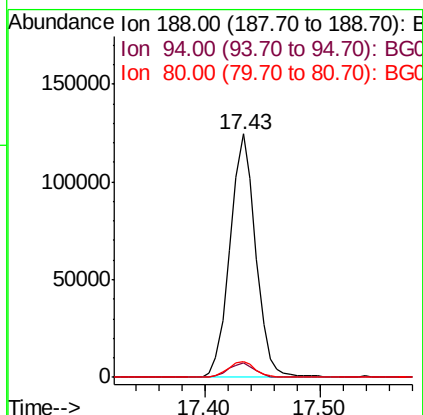
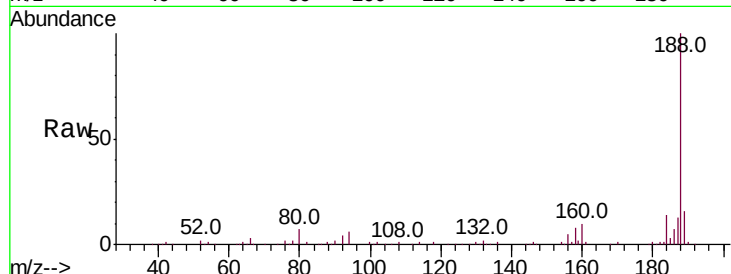




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

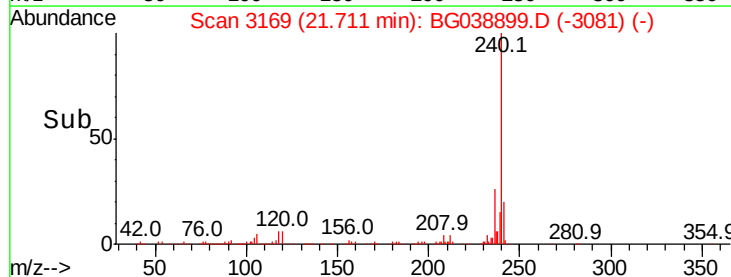
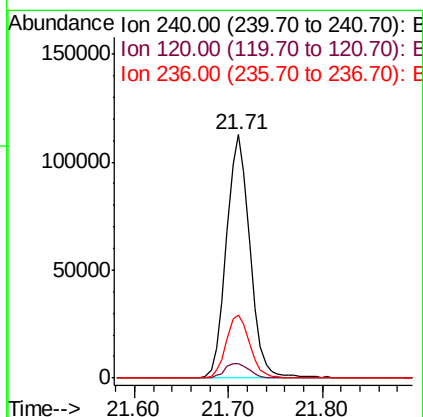
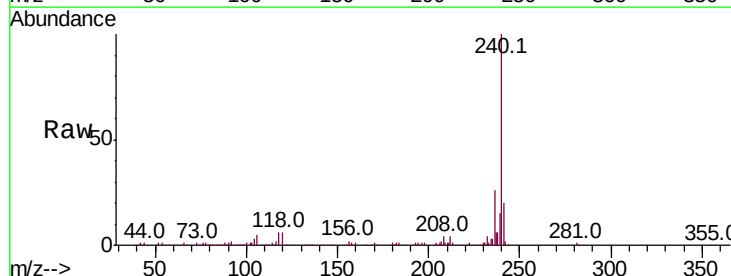
Instrument :
BNA_G
ClientSampleId :
PB116088BL

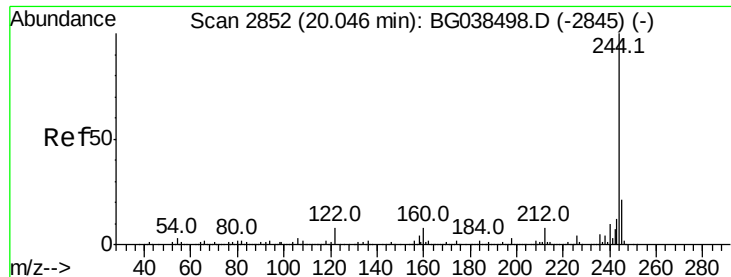
Tot Ion:188 Resp: 192338
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 6.6 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

Tgt Ion:240 Resp: 196224
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 25.8 21.4 32.2





#79

Terphenyl-d14

Concen: 100.622 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

Instrument :

BNA_G

ClientSampleId :

PB116088BL

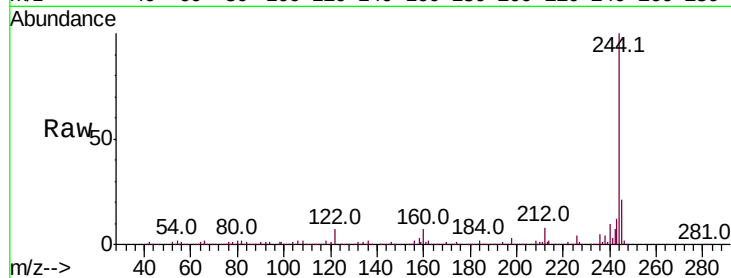
Tot Ion:244 Resp: 907235

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

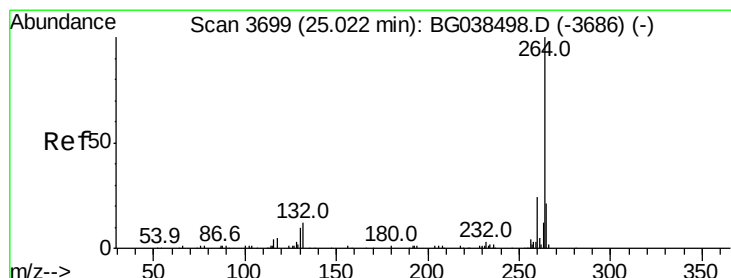
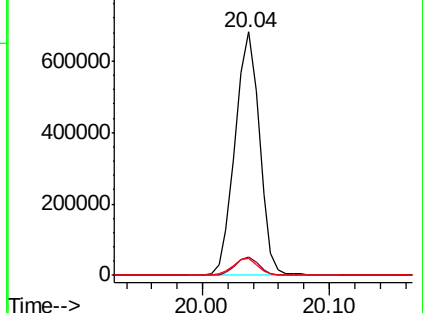
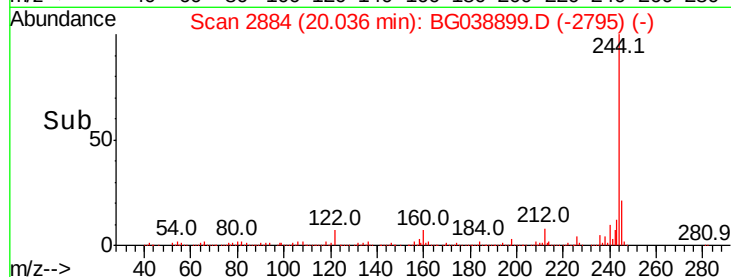
122 7.1 6.3 9.5



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# 3729

Delta R.T. -0.02 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

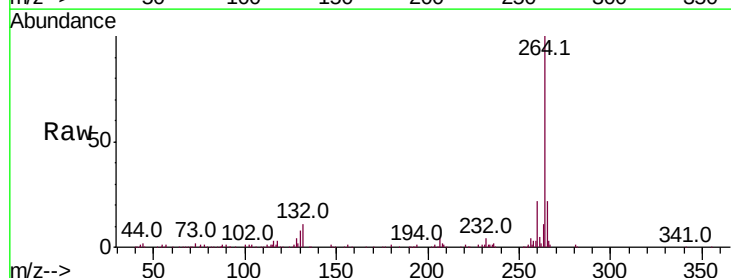
Tgt Ion:264 Resp: 206985

Ion Ratio Lower Upper

264 100

260 21.6 18.9 28.3

265 22.1 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

