

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038950.D
 Acq On : 5 Jan 2019 5:36
 Operator : JU/SJ
 Sample : PB116155BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BL

Quant Time: Jan 06 23:01:12 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	27101	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	108230	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	77914	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	211015	20.00	ng	0.00
76) Chrysene-d12	21.71	240	213220	20.00	ng	-0.01
87) Perylene-d12	25.01	264	220858	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	209797	137.30	ng	0.00
7) Phenol-d6	7.21	99	284880	135.81	ng	0.00
23) Nitrobenzene-d5	9.23	82	171527	80.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	162869	151.68	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	477054	84.00	ng	-0.01
79) Terphenyl-d14	20.04	244	974478	99.46	ng	0.00

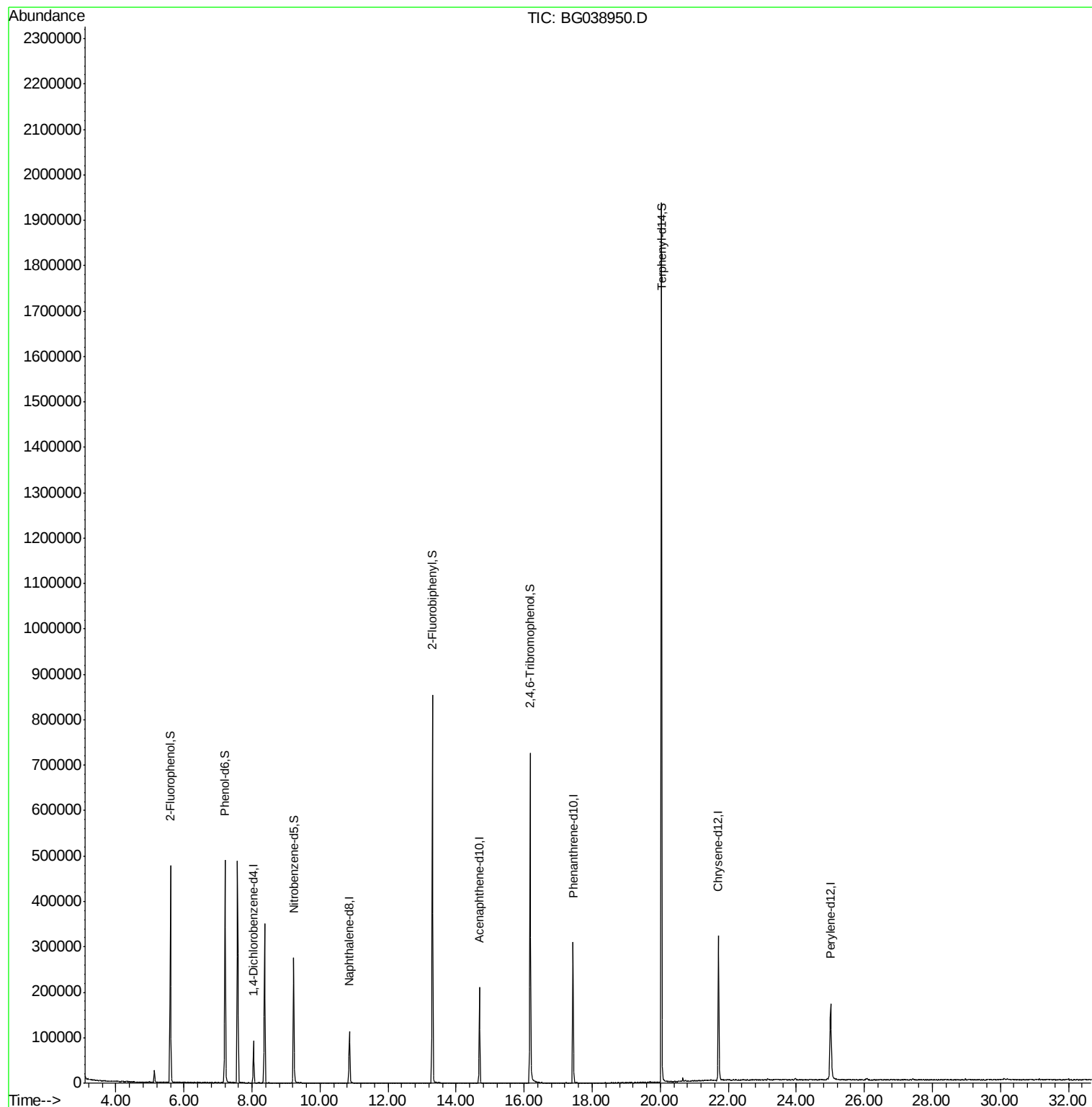
Target Compounds Qvalue

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

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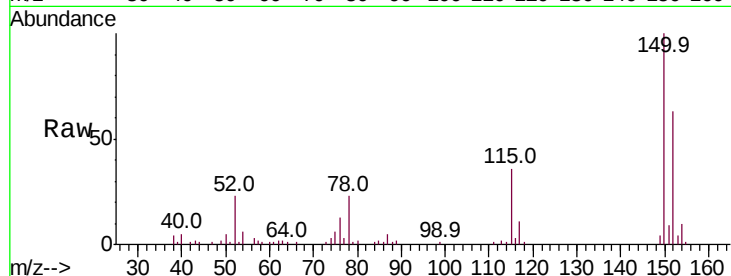


#1

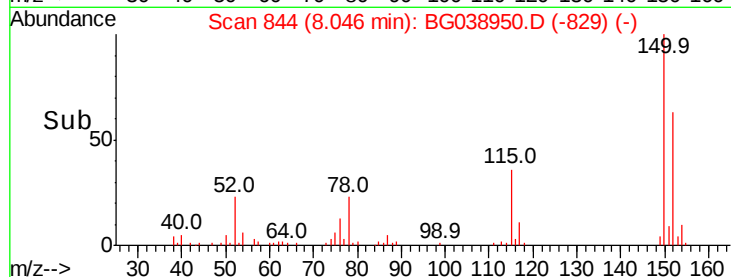
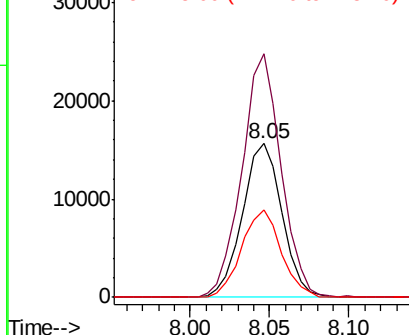
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038950.D
Acq: 5 Jan 2019 5:36

Instrument :
BNA_G
ClientSampleId :
PB116155BL

Tot Ion:152 Resp: 27101
Ion Ratio Lower Upper
152 100
150 158.6 119.5 179.3
115 56.6 49.6 74.4



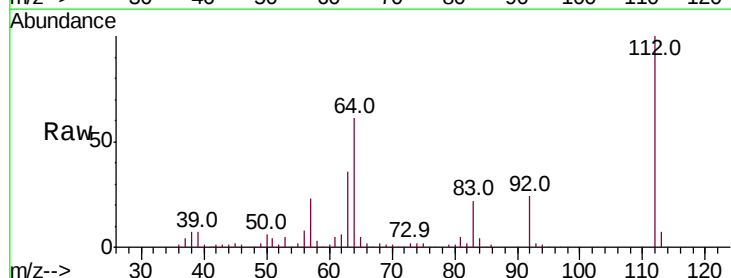
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



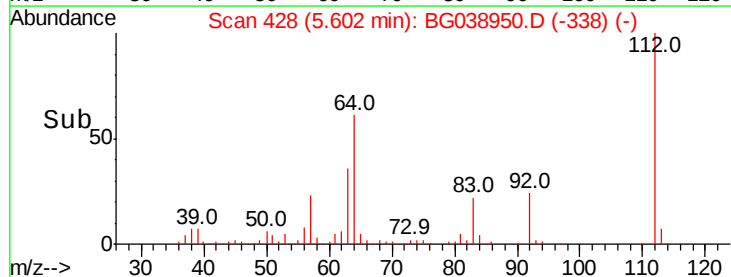
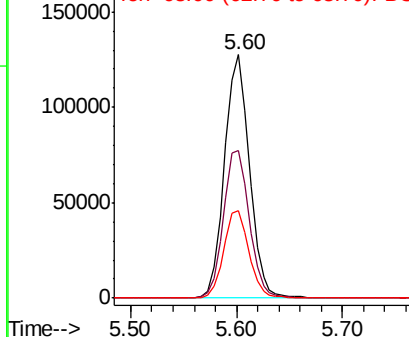
#5

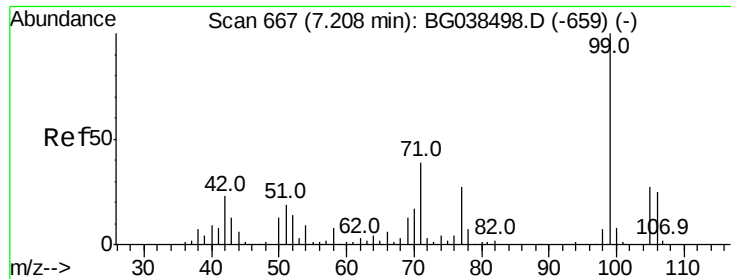
2-Fluorophenol
Concen: 137.304 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038950.D
Acq: 5 Jan 2019 5:36

Tgt Ion:112 Resp: 209797
Ion Ratio Lower Upper
112 100
64 60.8 53.4 80.2
63 35.9 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: 135.811 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038950.D

Acq: 5 Jan 2019 5:36

Instrument :

BNA_G

ClientSampleId :

PB116155BL

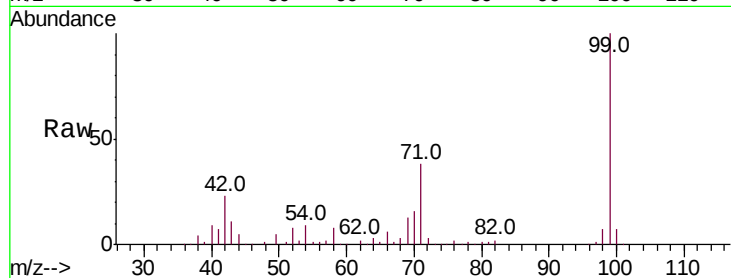
Tot Ion: 99 Resp: 284880

Ion Ratio Lower Upper

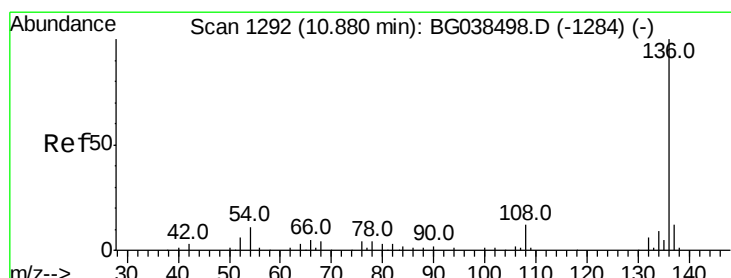
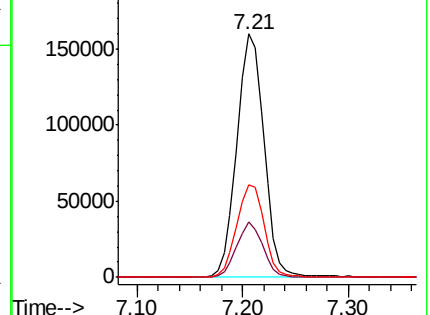
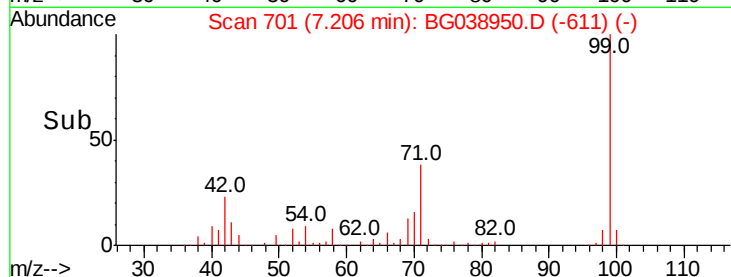
99 100

42 22.7 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: BG038950.D

Acq: 5 Jan 2019 5:36

Tgt Ion: 136 Resp: 108230

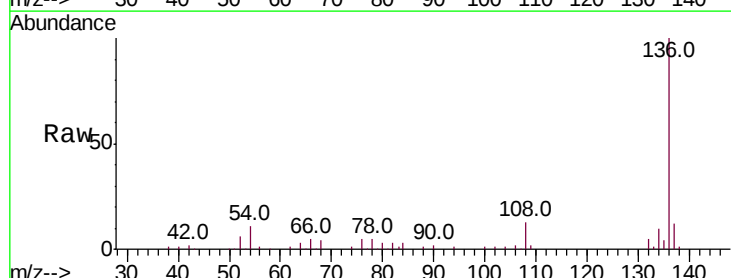
Ion Ratio Lower Upper

136 100

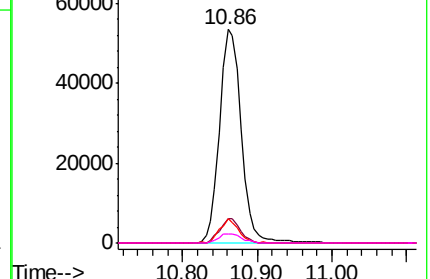
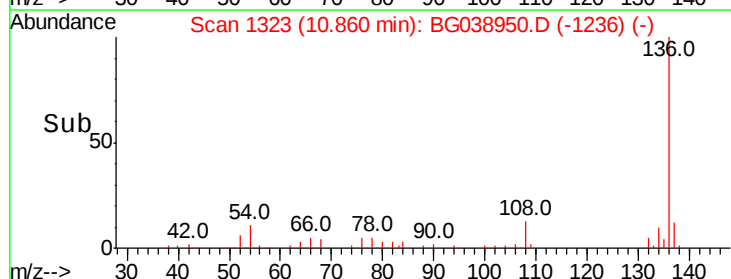
137 11.6 9.3 13.9

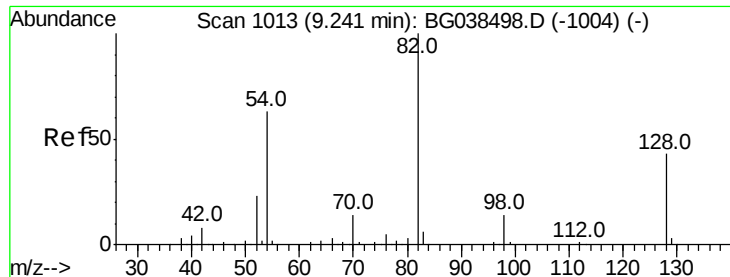
54 11.5 8.5 12.7

68 4.2 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

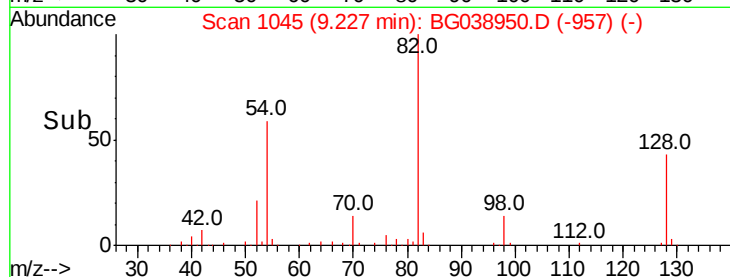
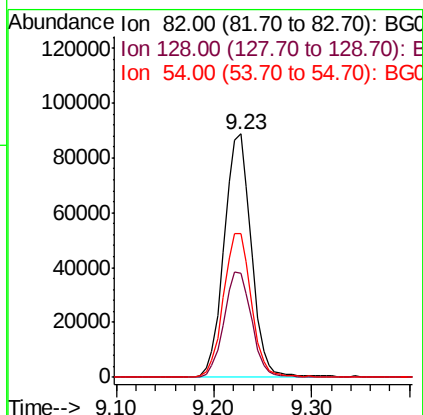
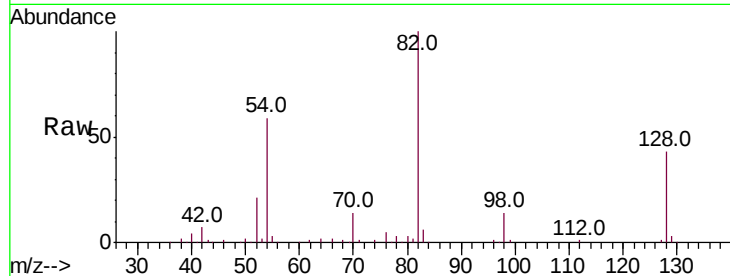




#23
Nitrobenzene-d5
Concen: 80.965 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038950.D
Acq: 5 Jan 2019 5:36

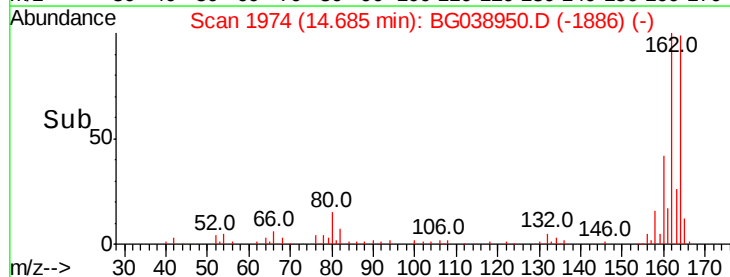
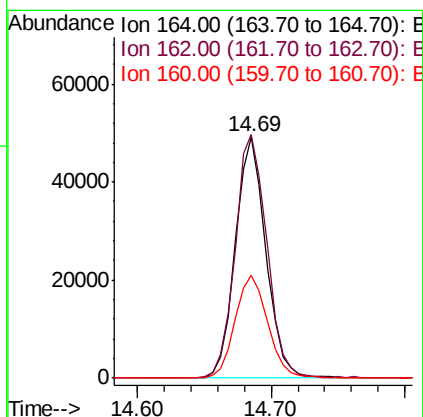
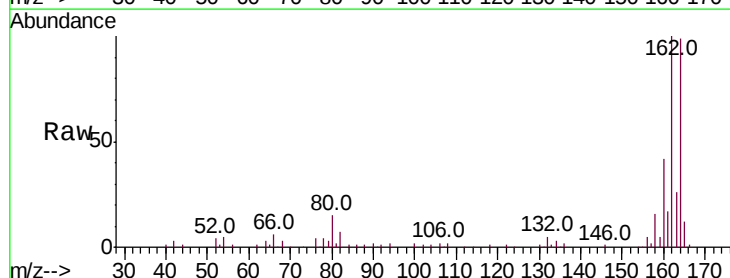
Instrument :
BNA_G
ClientSampleId :
PB116155BL

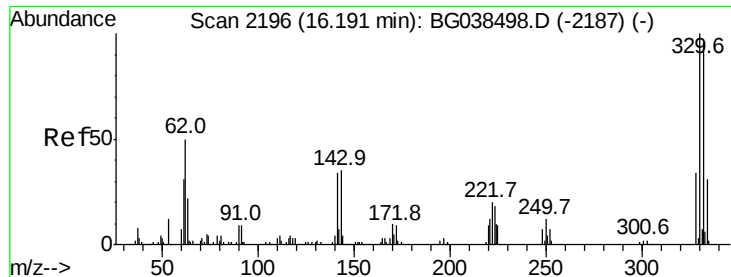
Tot Ion: 82 Resp: 171527
Ion Ratio Lower Upper
82 100
128 42.6 34.6 52.0
54 59.1 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038950.D
Acq: 5 Jan 2019 5:36

Tgt Ion: 164 Resp: 77914
Ion Ratio Lower Upper
164 100
162 100.8 86.6 130.0
160 42.3 34.2 51.2

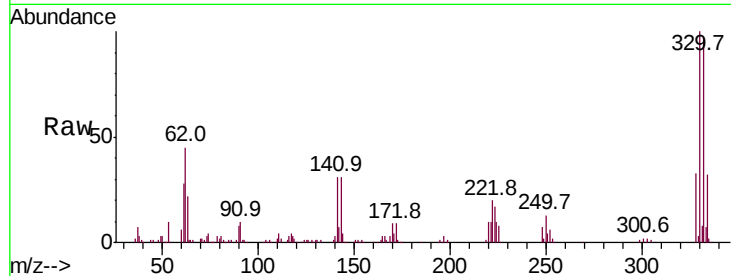




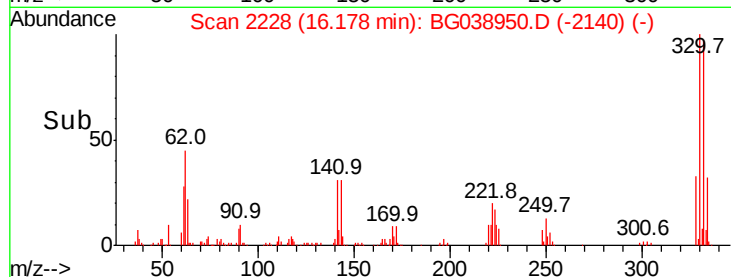
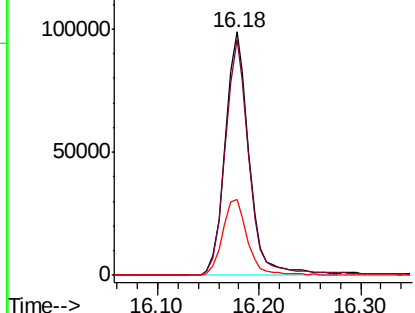
#42
 2,4,6-Tribromophenol
 Concen: 151.676 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038950.D
 Acq: 5 Jan 2019 5:36

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	32.9	28.8	43.2

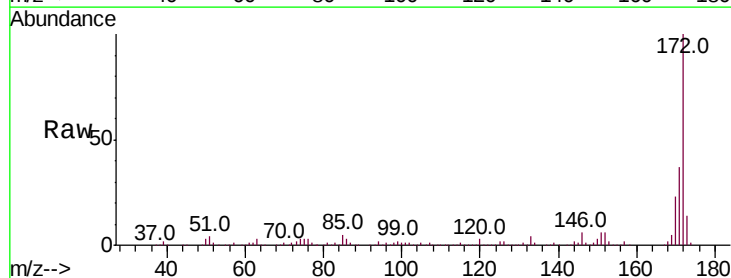


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

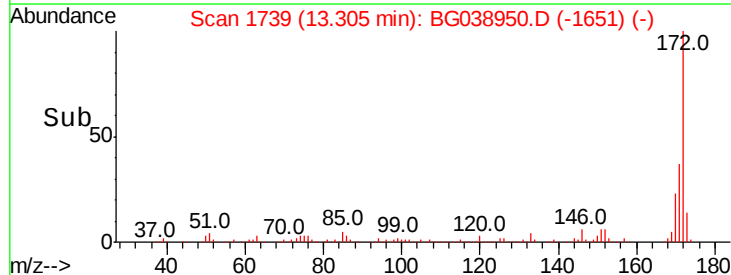
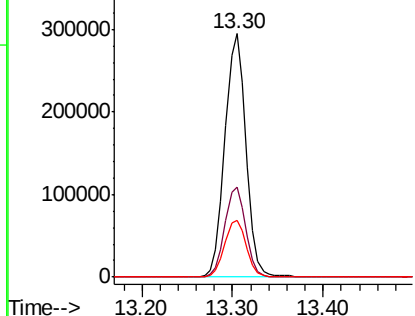


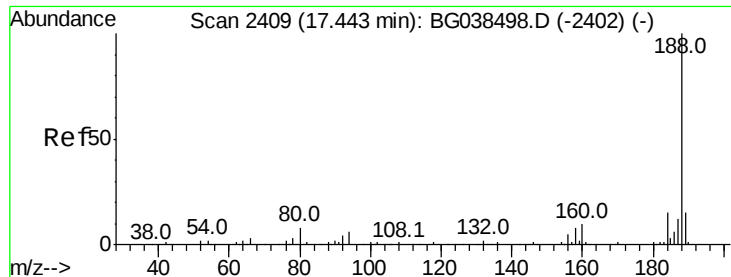
#45
 2-Fluorobiphenyl
 Concen: 83.996 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038950.D
 Acq: 5 Jan 2019 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	23.4	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

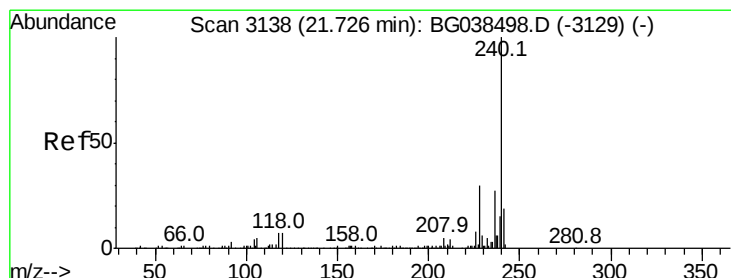
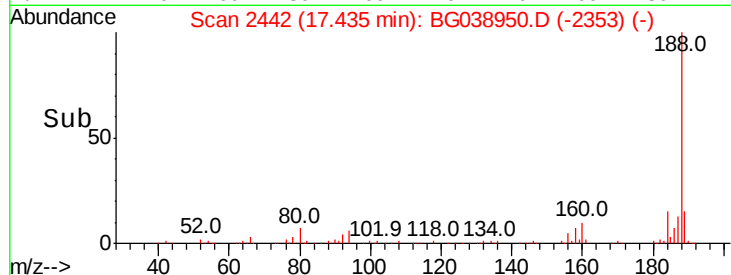
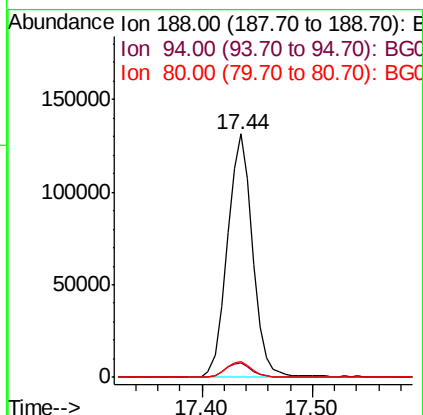
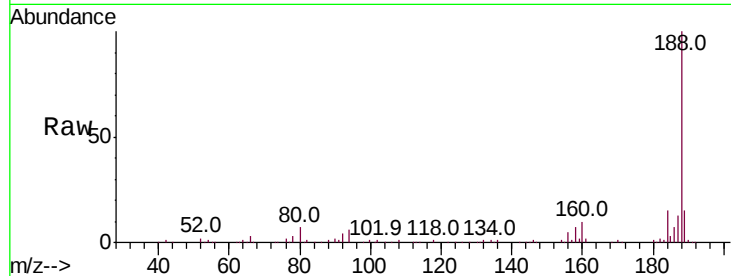




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038950.D
Acq: 5 Jan 2019 5:36

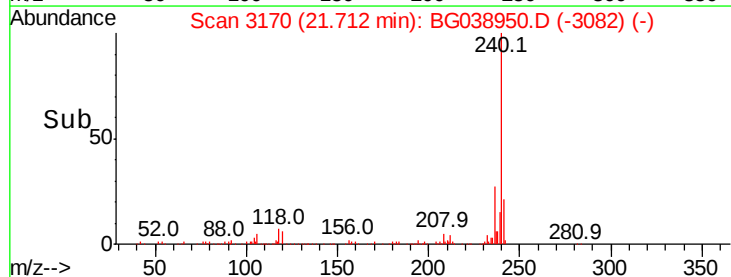
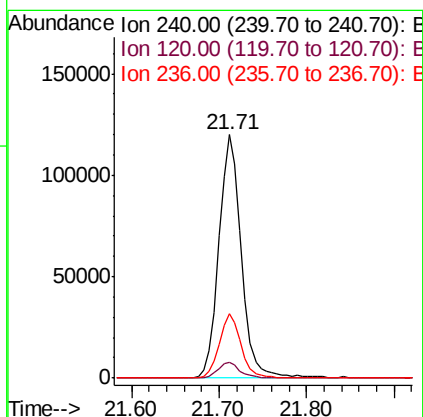
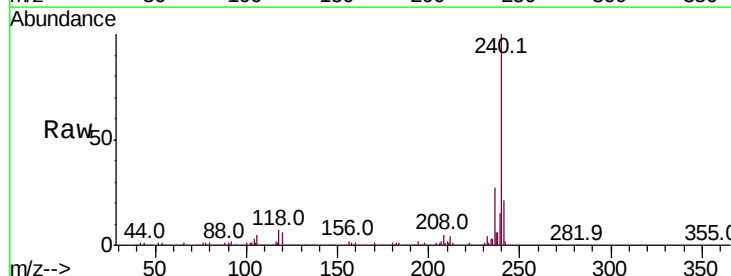
Instrument :
BNA_G
ClientSampleId :
PB116155BL

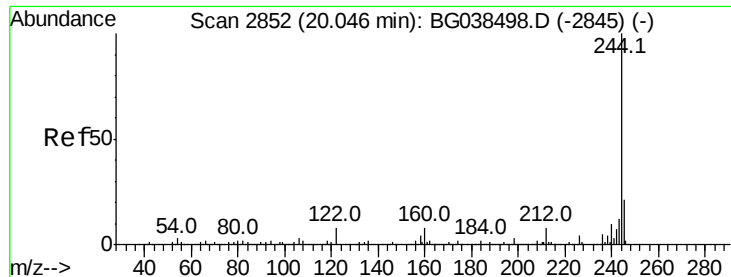
Tot Ion:188 Resp: 211015
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 6.7 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038950.D
Acq: 5 Jan 2019 5:36

Tgt Ion:240 Resp: 213220
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 26.6 21.4 32.2





#79

Terphenyl-d14

Concen: 99.465 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038950.D

Acq: 5 Jan 2019 5:36

Instrument :

BNA_G

ClientSampleId :

PB116155BL

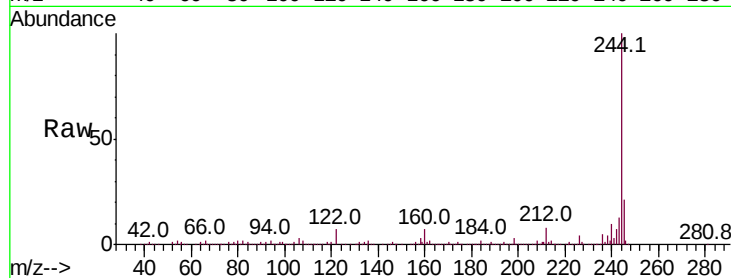
Tot Ion:244 Resp: 974478

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

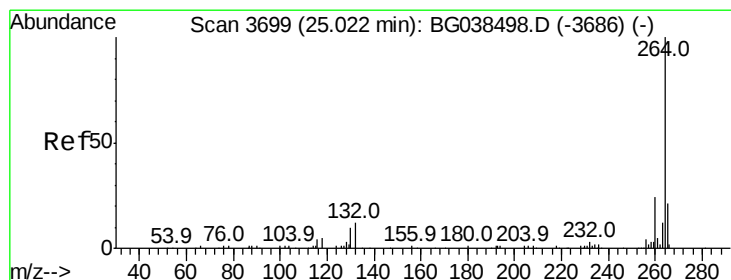
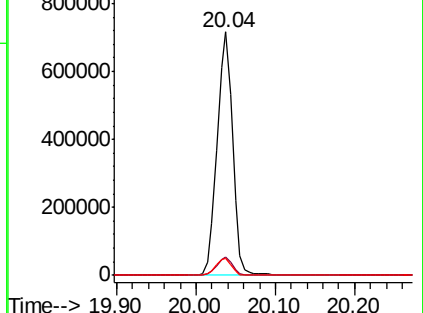
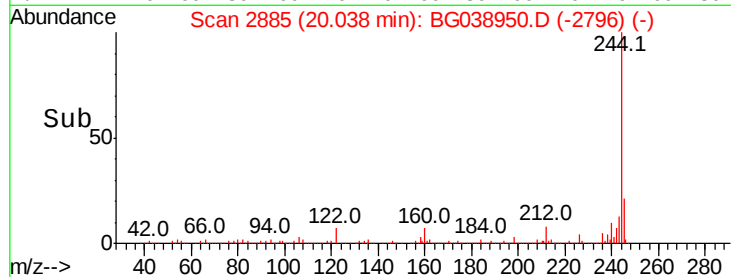
122 7.0 6.3 9.5



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# 3731

Delta R.T. -0.01 min

Lab File: BG038950.D

Acq: 5 Jan 2019 5:36

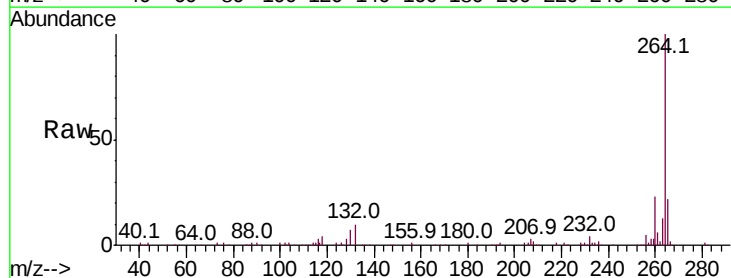
Tgt Ion:264 Resp: 220858

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

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

