

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038922.D
 Acq On : 4 Jan 2019 3:12
 Operator : JU/SJ
 Sample : PB116135BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BL

Quant Time: Jan 04 05:39:56 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	23808	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	92419	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	68519	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	187190	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	192528	20.00	ng	-0.02
87) Perylene-d12	25.00	264	195504	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	170865	127.29	ng	0.00
7) Phenol-d6	7.21	99	235493	127.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	140392	77.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	73767	78.12	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	395872	79.26	ng	-0.02
79) Terphenyl-d14	20.04	244	818451	92.52	ng	0.00

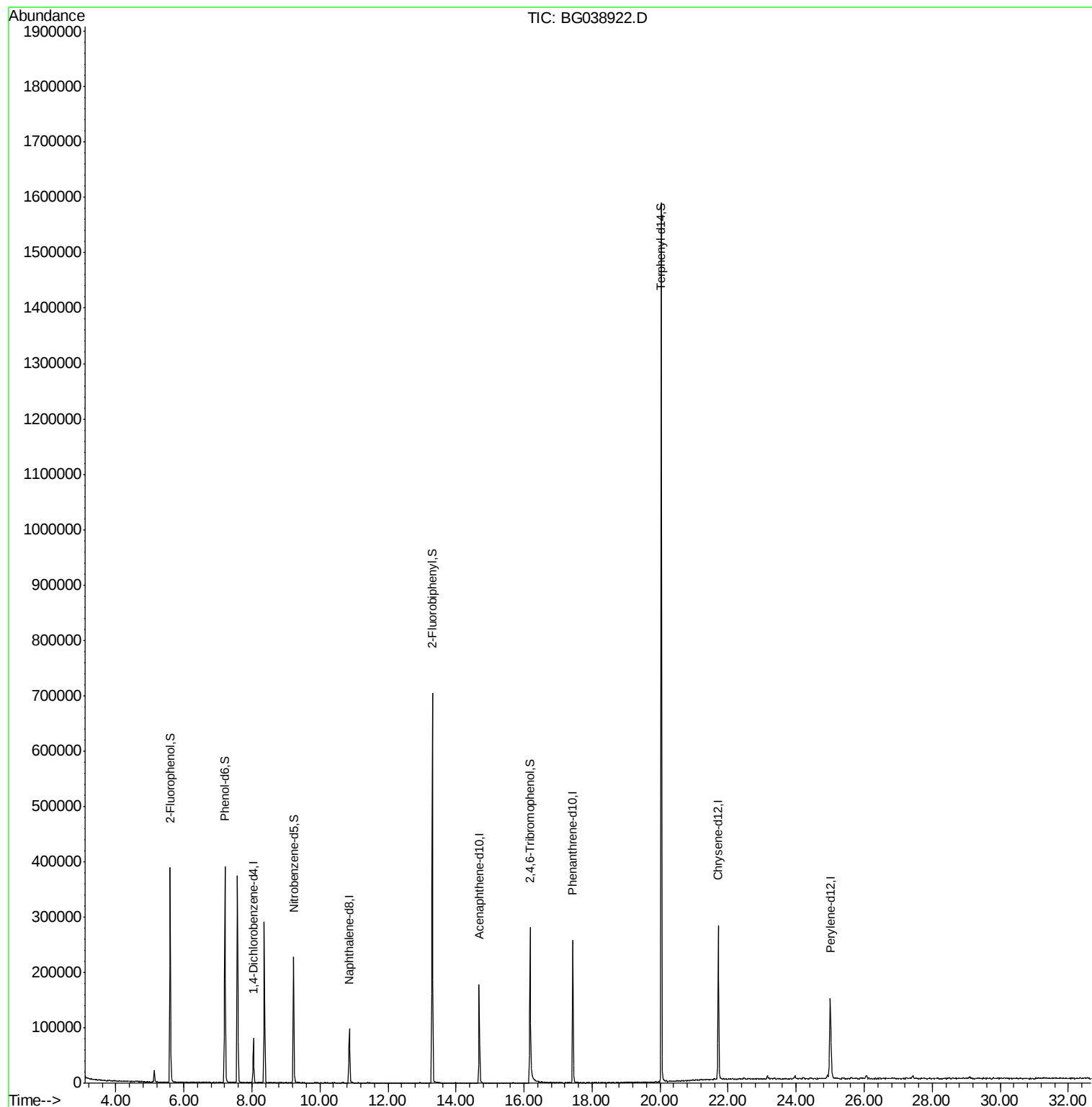
Target Compounds Qvalue

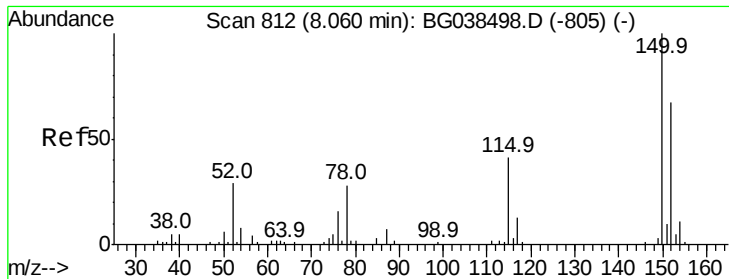
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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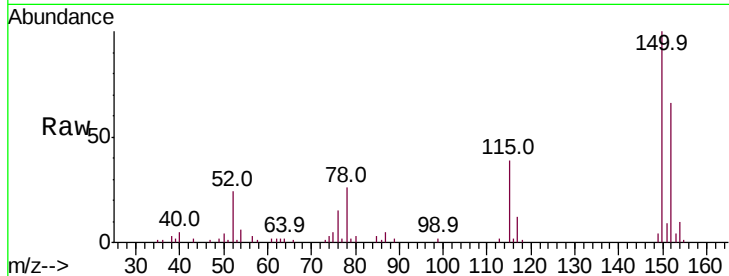


#1

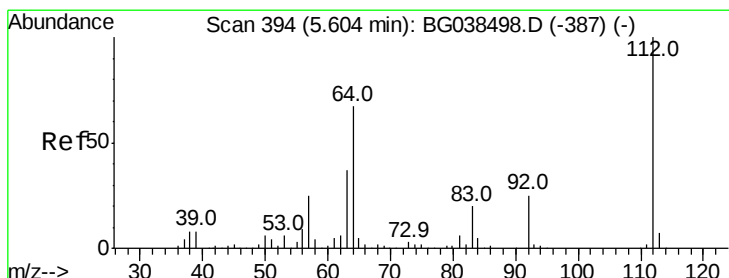
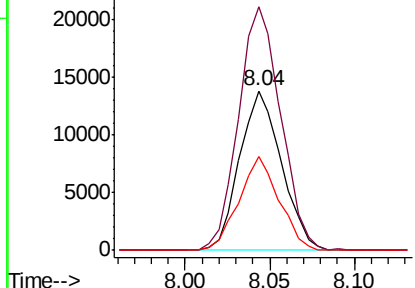
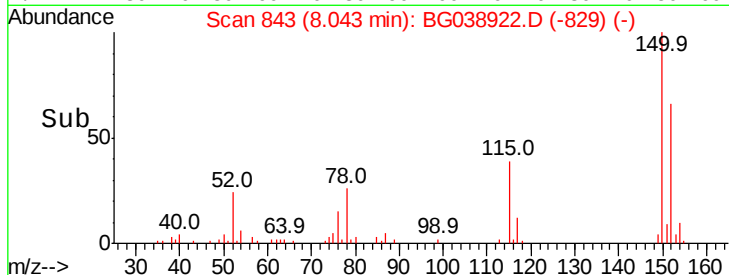
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038922.D
Acq: 4 Jan 2019 3:12

Instrument :
BNA_G
ClientSampleId :
PB116135BL

Tot Ion:152 Resp: 23808
Ion Ratio Lower Upper
152 100
150 152.6 119.5 179.3
115 58.8 49.6 74.4



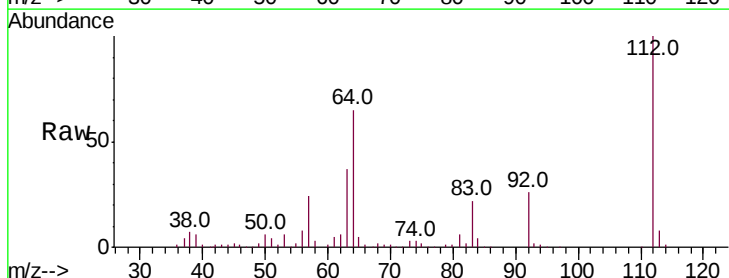
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



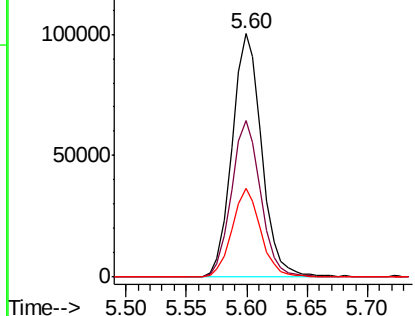
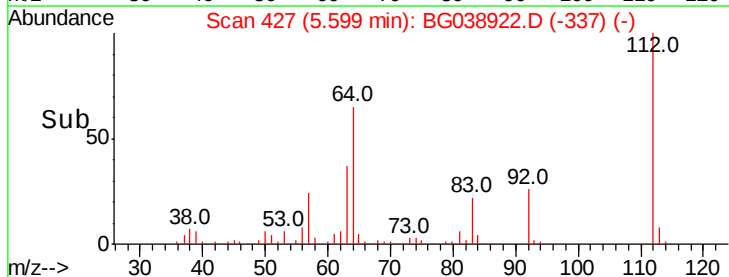
#5

2-Fluorophenol
Concen: 127.291 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038922.D
Acq: 4 Jan 2019 3:12

Tgt Ion:112 Resp: 170865
Ion Ratio Lower Upper
112 100
64 64.5 53.4 80.2
63 36.6 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: 127.795 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038922.D

Acq: 4 Jan 2019 3:12

Instrument :

BNA_G

ClientSampleId :

PB116135BL

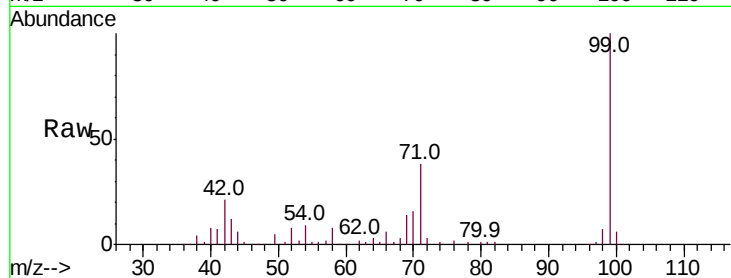
Tot Ion: 99 Resp: 235493

Ion Ratio Lower Upper

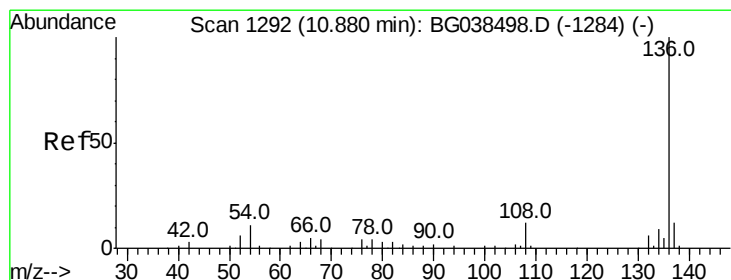
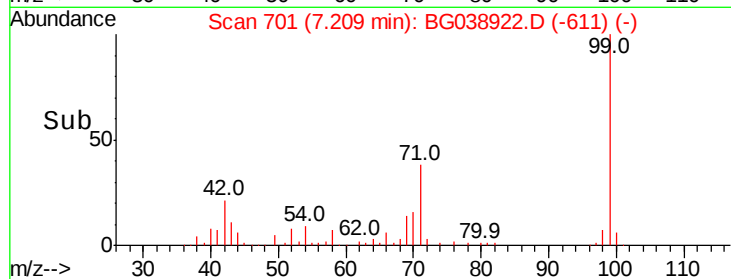
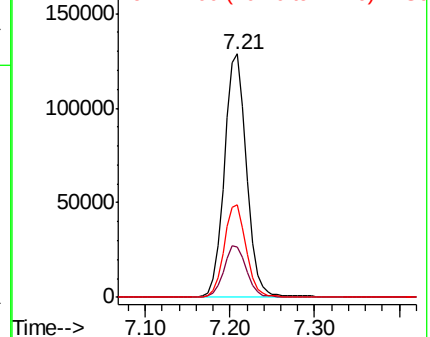
99 100

42 20.8 18.5 27.7

71 37.8 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: BG038922.D

Acq: 4 Jan 2019 3:12

Tgt Ion: 136 Resp: 92419

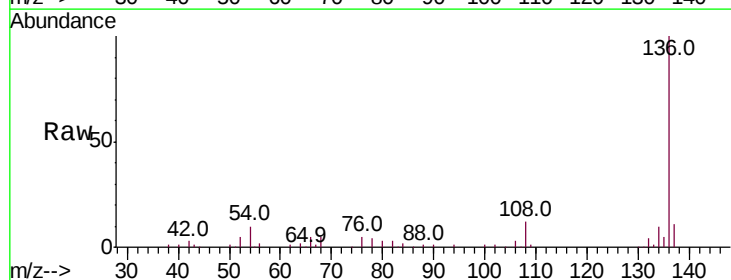
Ion Ratio Lower Upper

136 100

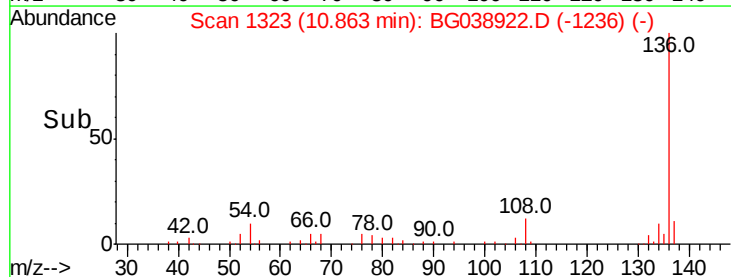
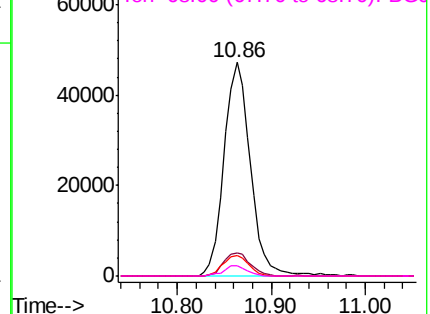
137 10.6 9.3 13.9

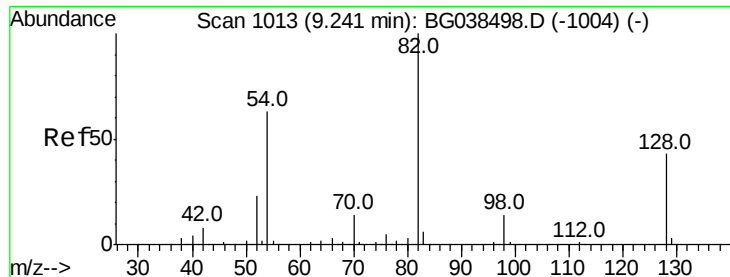
54 9.8 8.5 12.7

68 4.5 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

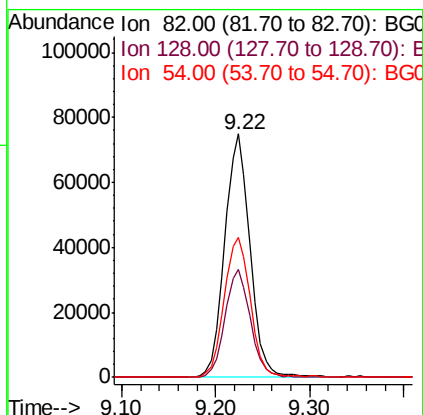
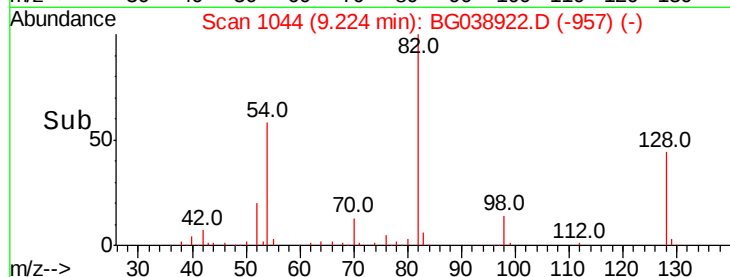
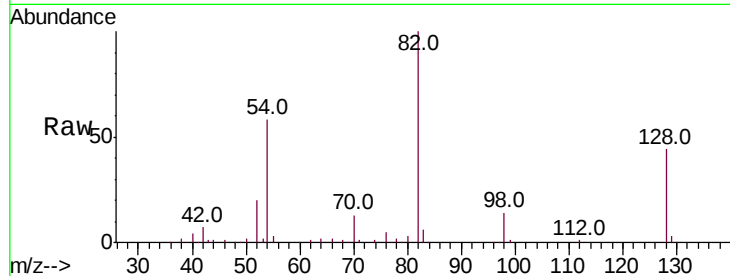




#23
 Nitrobenzene-d5
 Concen: 77.606 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038922.D
 Acq: 4 Jan 2019 3:12

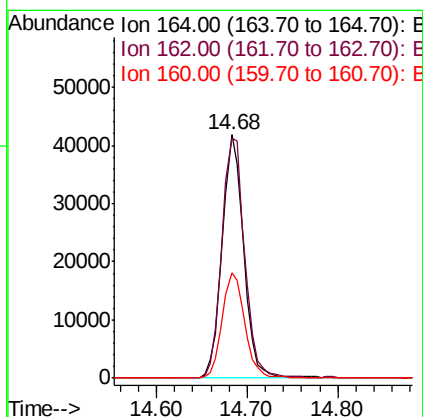
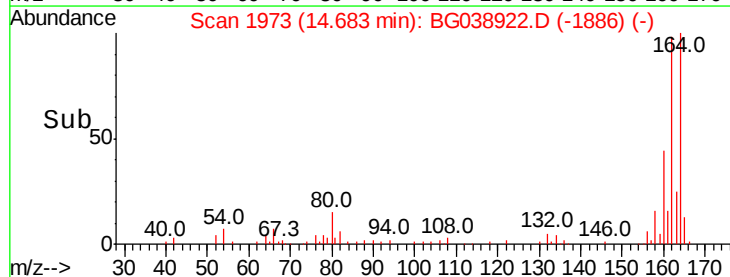
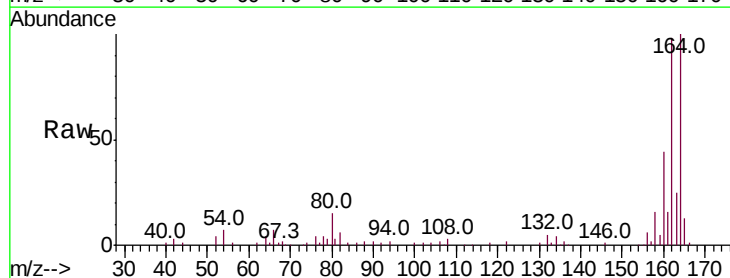
Instrument :
 BNA_G
 ClientSampleId :
 PB116135BL

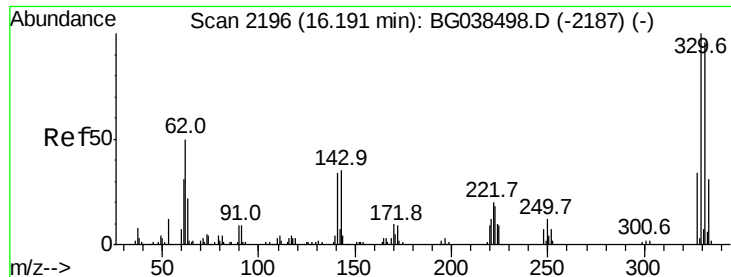
Tot Ion: 82 Resp: 140392
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.6 52.0
 54 57.6 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG038922.D
 Acq: 4 Jan 2019 3:12

Tgt Ion: 164 Resp: 68519
 Ion Ratio Lower Upper
 164 100
 162 98.3 86.6 130.0
 160 43.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 78.117 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038922.D

Acq: 4 Jan 2019 3:12

Instrument :

BNA_G

ClientSampleId :

PB116135BL

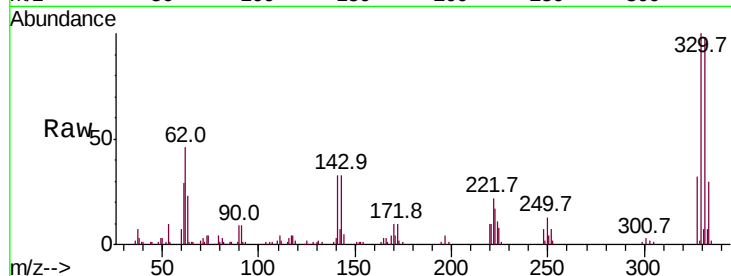
Tot Ion:330 Resp: 73767

Ion Ratio Lower Upper

330 100

332 97.7 76.9 115.3

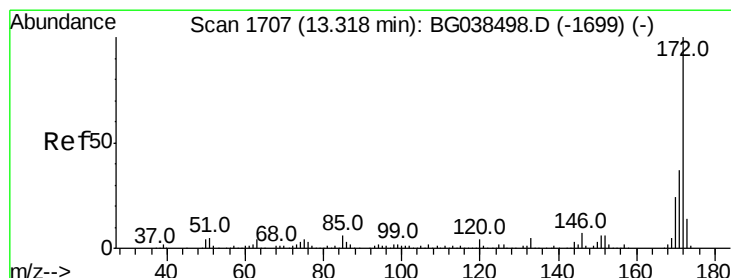
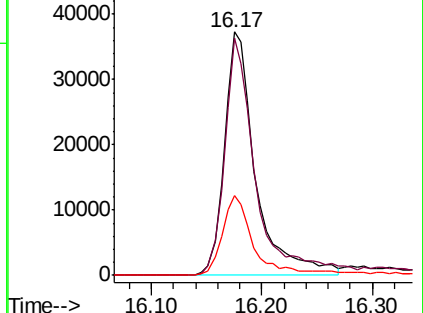
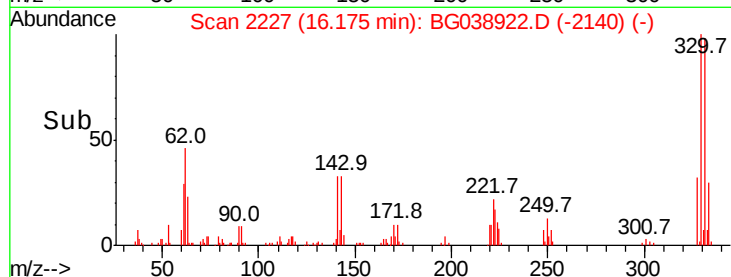
141 31.7 28.8 43.2



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: 79.259 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG038922.D

Acq: 4 Jan 2019 3:12

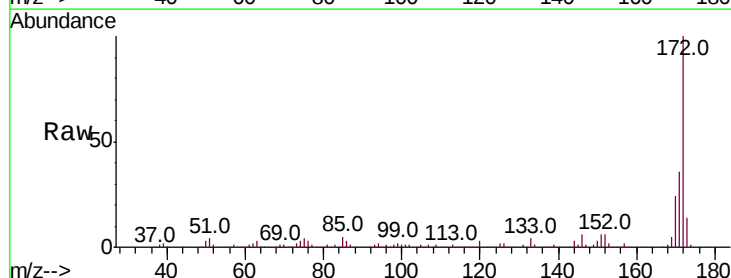
Tgt Ion:172 Resp: 395872

Ion Ratio Lower Upper

172 100

171 36.2 29.8 44.6

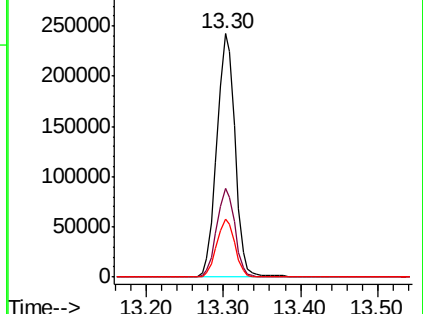
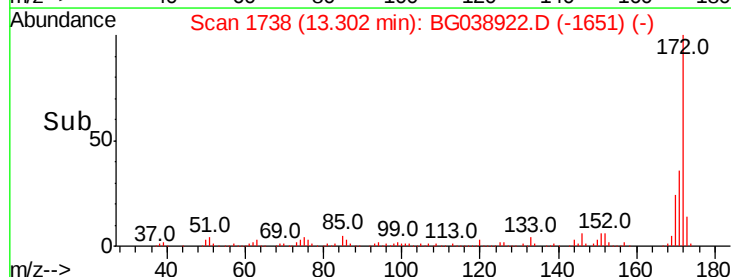
170 24.1 19.5 29.3

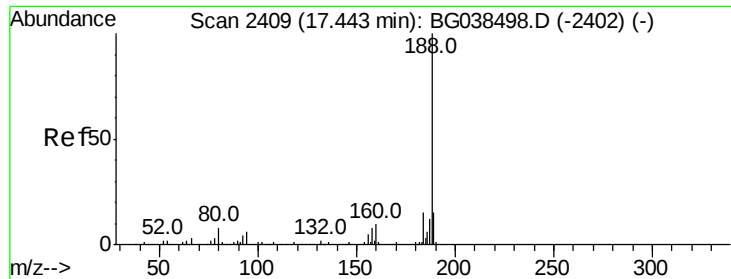


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

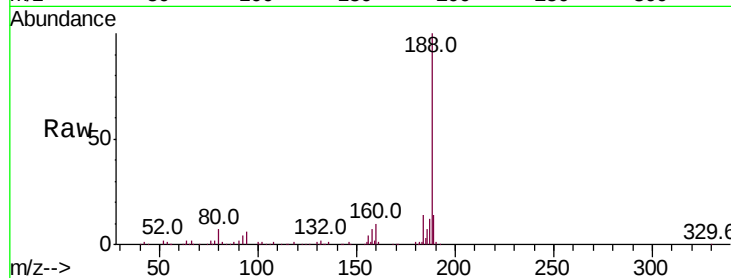




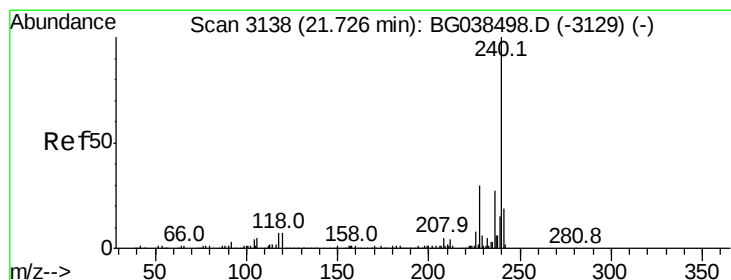
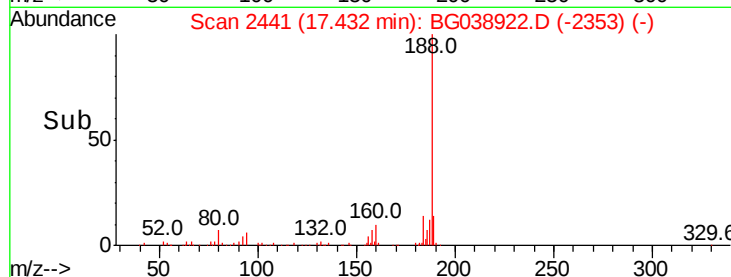
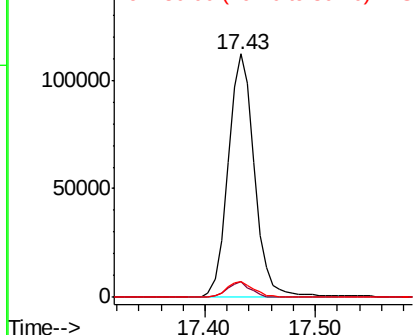
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038922.D
Acq: 4 Jan 2019 3:12

Instrument :
BNA_G
ClientSampleId :
PB116135BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	6.5	6.1	9.1

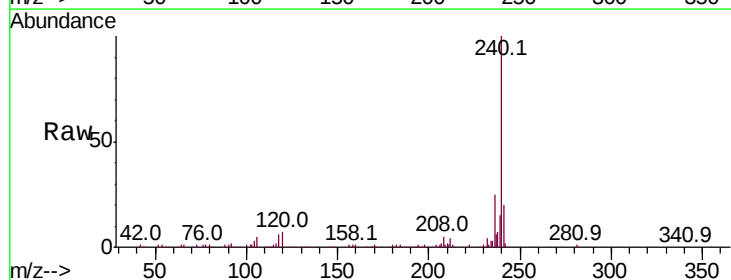


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

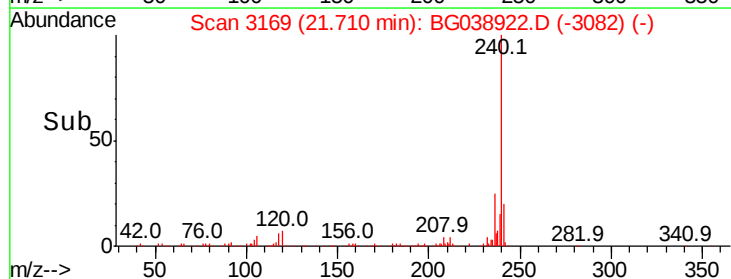
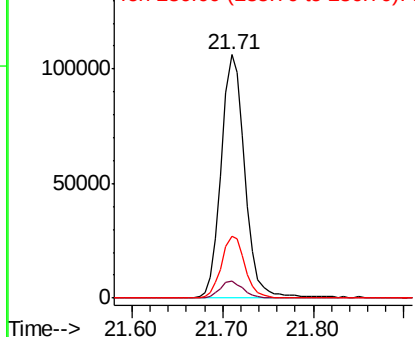


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG038922.D
Acq: 4 Jan 2019 3:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	25.2	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: 92.518 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038922.D

Acq: 4 Jan 2019 3:12

Instrument :

BNA_G

ClientSampleId :

PB116135BL

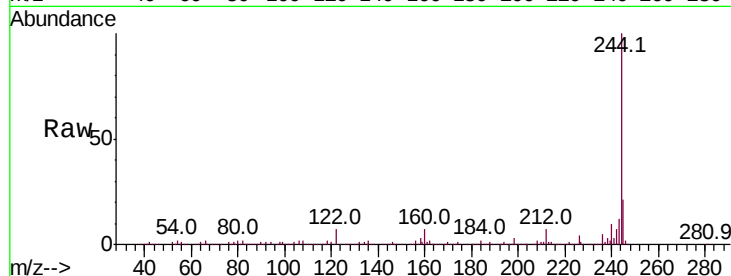
Tot Ion:244 Resp: 818451

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

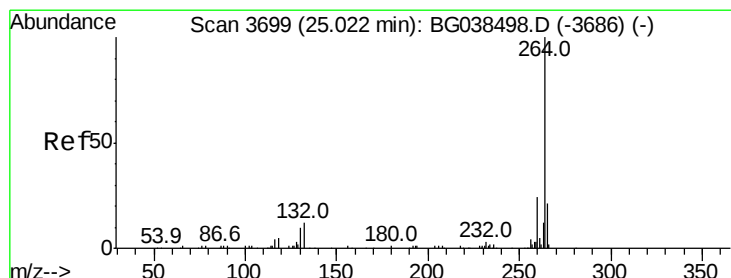
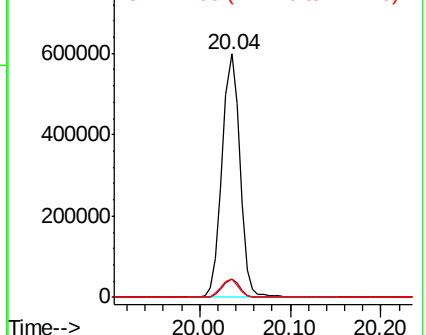
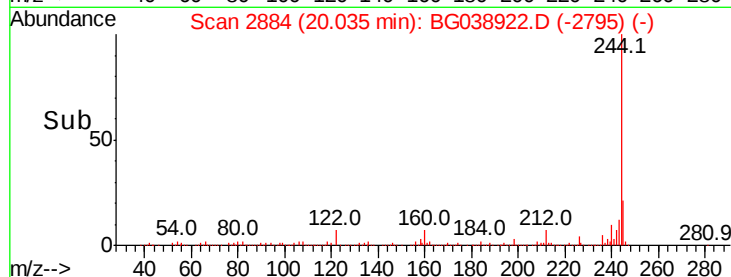
122 7.4 6.3 9.5



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: BG038922.D

Acq: 4 Jan 2019 3:12

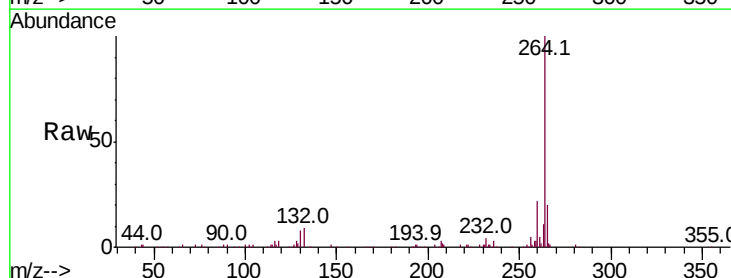
Tgt Ion:264 Resp: 195504

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

265 20.0 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

