

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038846.D
 Acq On : 27 Dec 2018 16:43
 Operator : JU/SJ
 Sample : PB116010BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BL

Quant Time: Dec 28 00:50:18 2018
 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	19147	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	77209	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61236	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	168997	20.00	ng	0.00
76) Chrysene-d12	21.72	240	171515	20.00	ng	0.00
87) Perylene-d12	25.02	264	181151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	129742	120.18	ng	0.00
7) Phenol-d6	7.21	99	178965	120.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	105472	69.79	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	118974	140.97	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	330884	74.13	ng	0.00
79) Terphenyl-d14	20.04	244	702161	89.10	ng	0.00

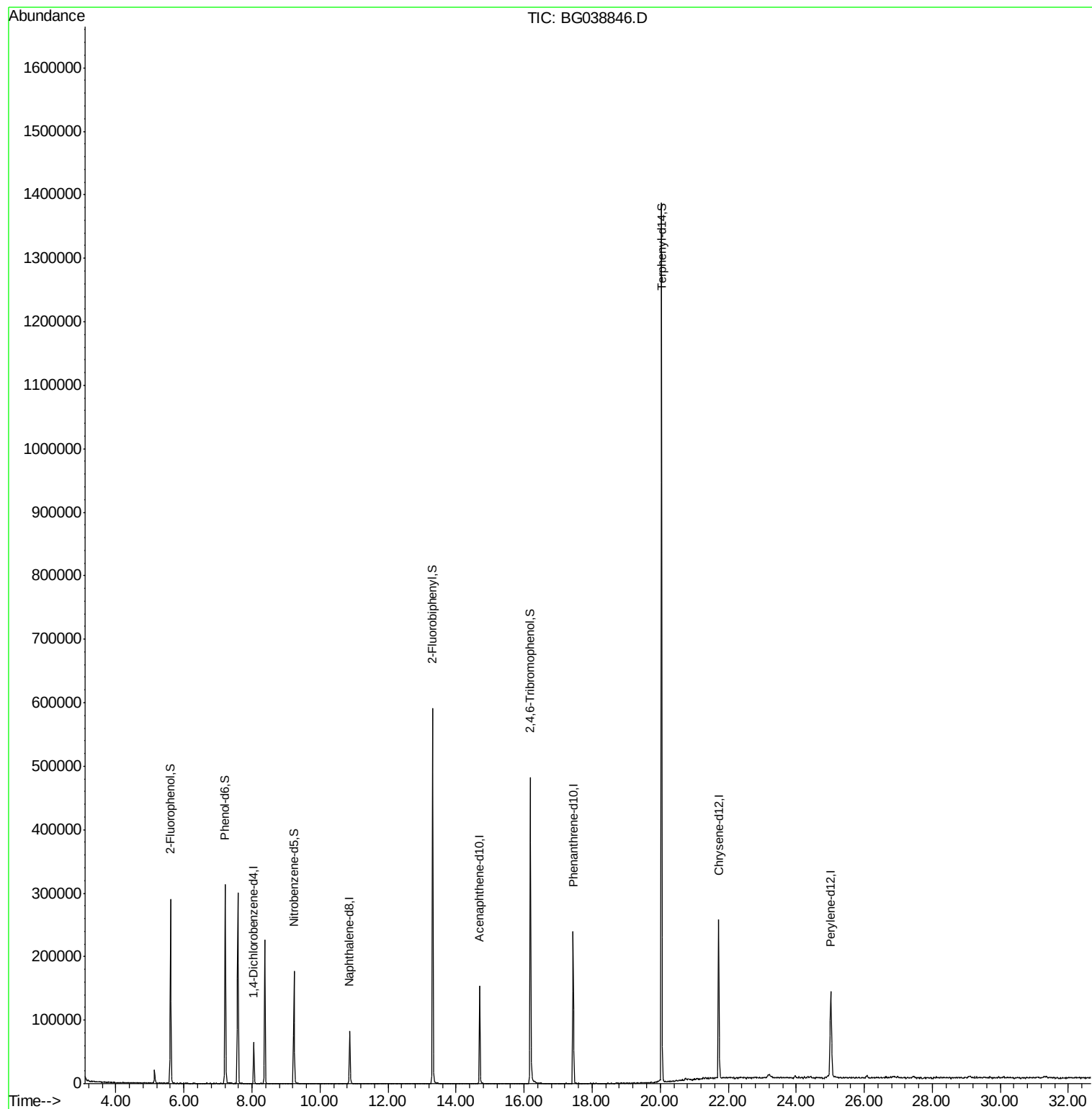
Target Compounds Qvalue

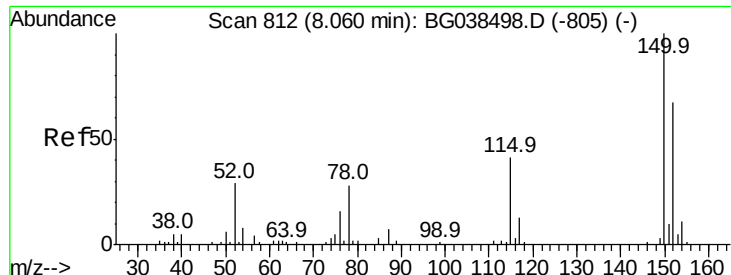
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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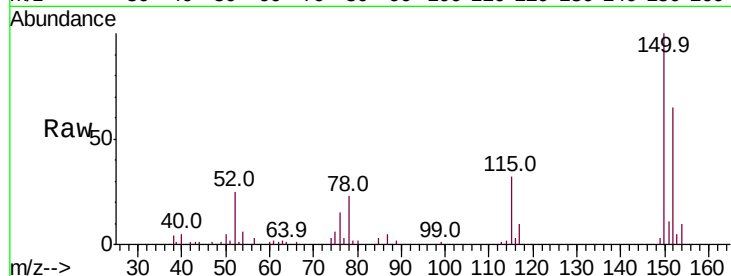


#1

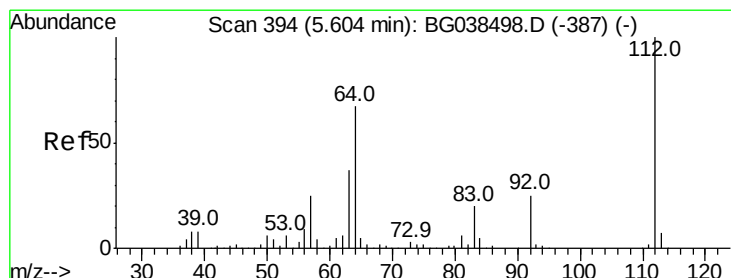
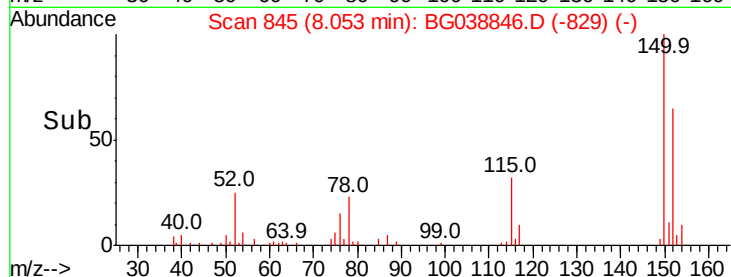
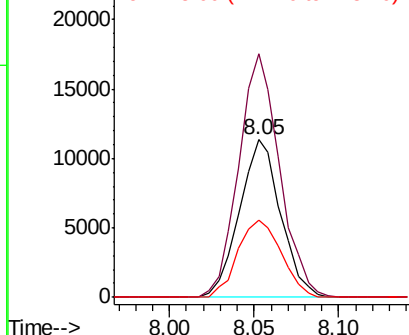
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038846.D
Acq: 27 Dec 2018 16:43

Instrument :
BNA_G
ClientSampleId :
PB116010BL

Tot Ion:152 Resp: 19147
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 49.2 49.6 74.4#



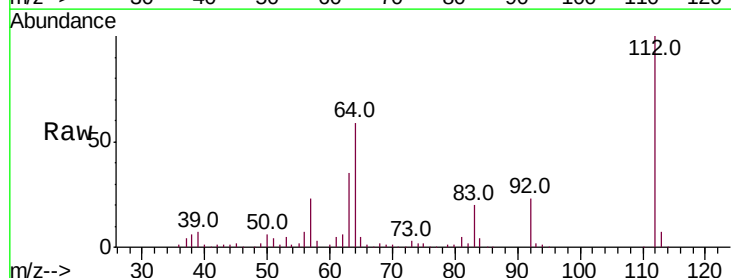
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



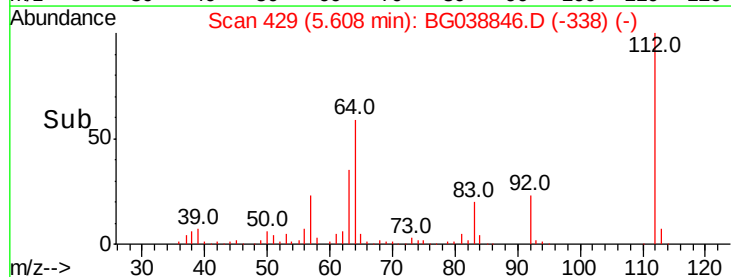
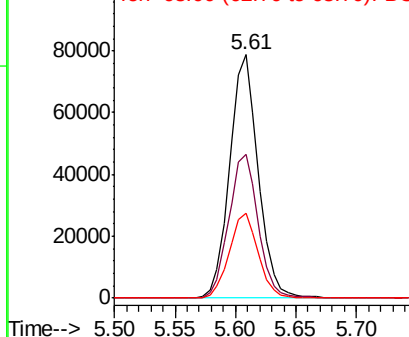
#5

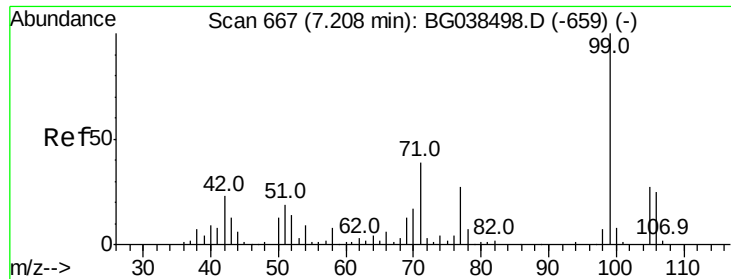
2-Fluorophenol
Concen: 120.184 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038846.D
Acq: 27 Dec 2018 16:43

Tgt Ion:112 Resp: 129742
Ion Ratio Lower Upper
112 100
64 59.2 53.4 80.2
63 35.0 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: 120.761 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038846.D

Acq: 27 Dec 2018 16:43

Instrument :

BNA_G

ClientSampleId :

PB116010BL

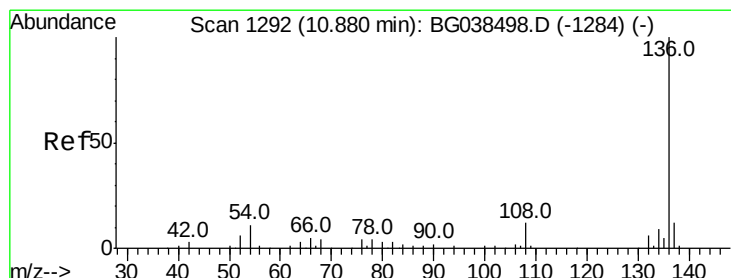
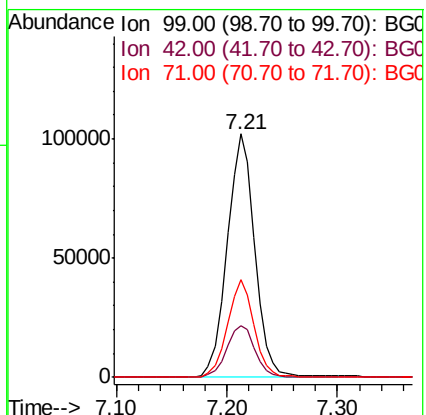
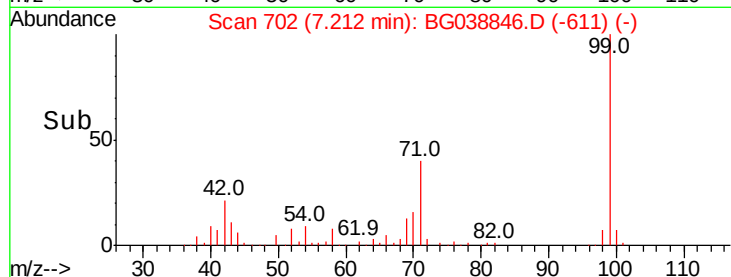
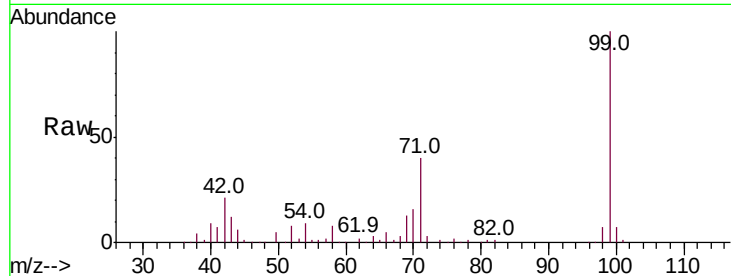
Tot Ion: 99 Resp: 178965

Ion Ratio Lower Upper

99 100

42 21.3 18.5 27.7

71 39.9 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038846.D

Acq: 27 Dec 2018 16:43

Tgt Ion: 136 Resp: 77209

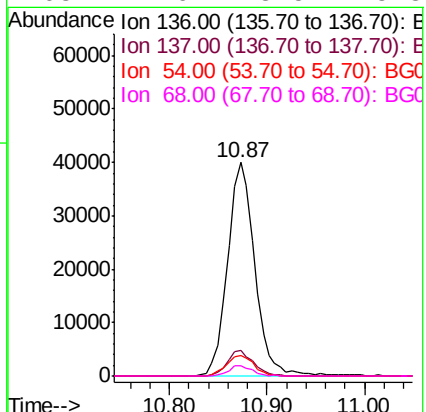
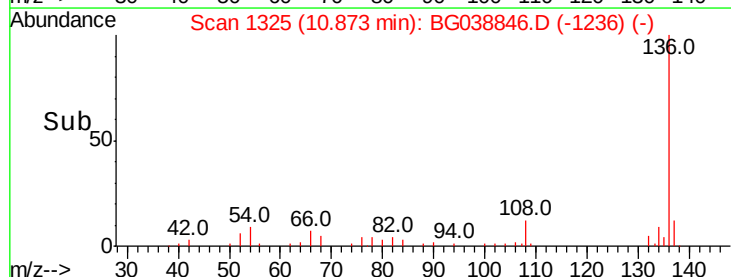
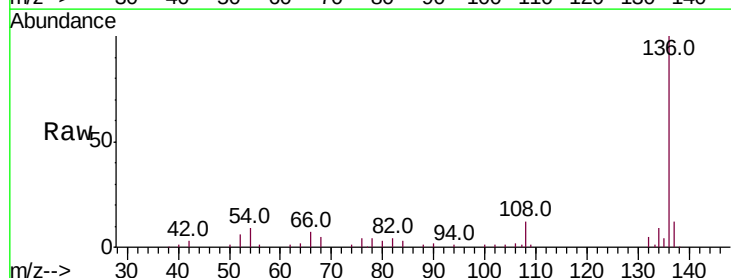
Ion Ratio Lower Upper

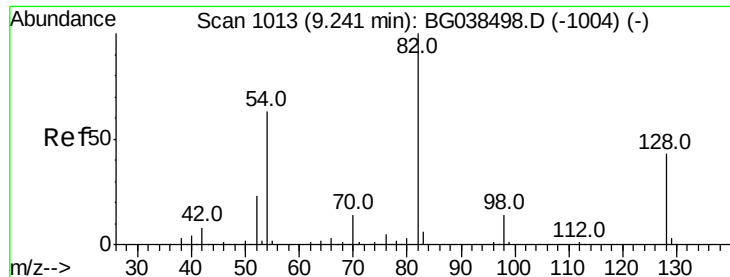
136 100

137 11.9 9.3 13.9

54 9.4 8.5 12.7

68 4.6 3.5 5.3

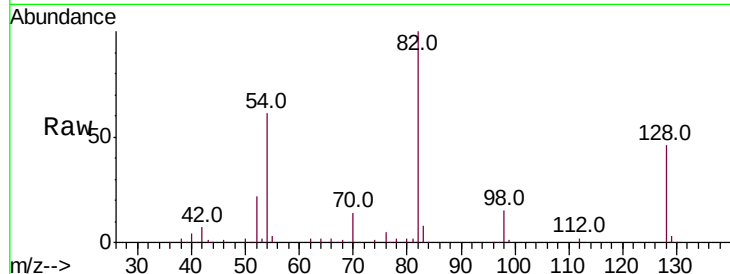




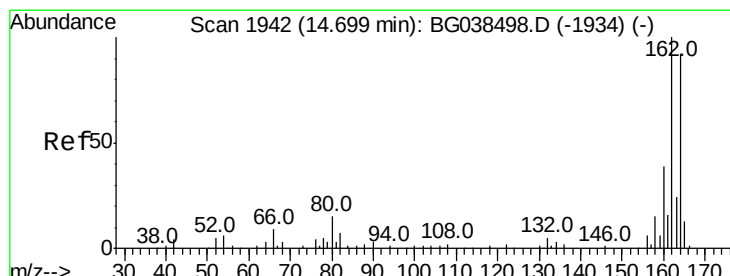
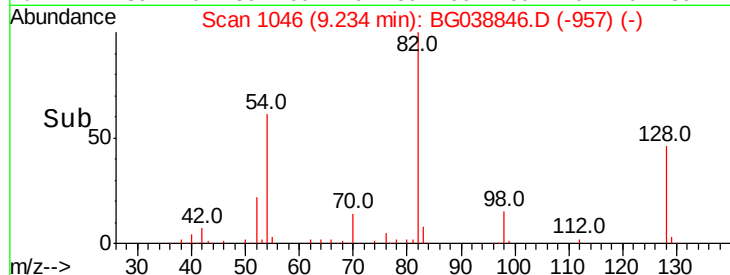
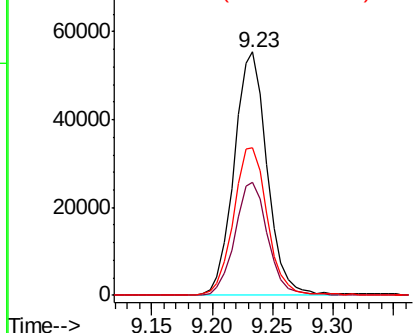
#23
Nitrobenzene-d5
Concen: 69.788 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038846.D
Acq: 27 Dec 2018 16:43

Instrument :
BNA_G
ClientSampleId :
PB116010BL

Tot Ion: 82 Resp: 105472
Ion Ratio Lower Upper
82 100
128 46.3 34.6 52.0
54 60.9 50.6 76.0

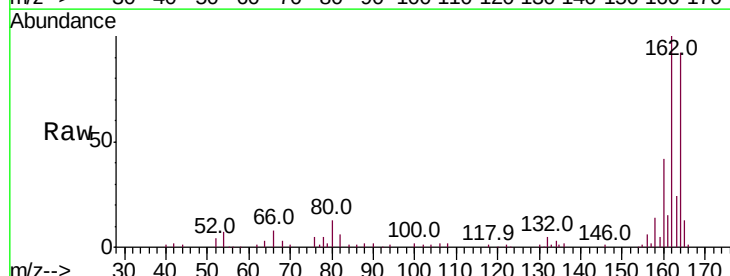


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

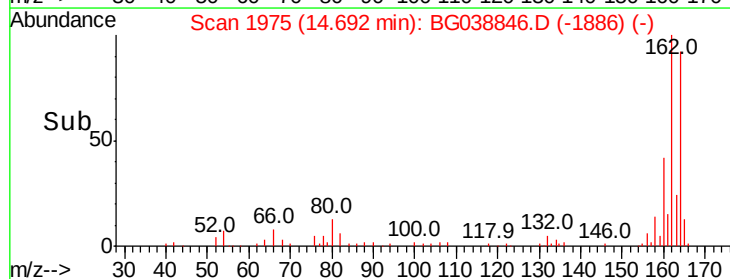
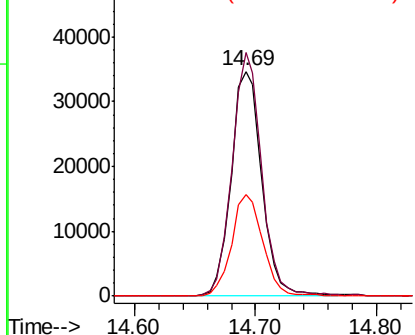


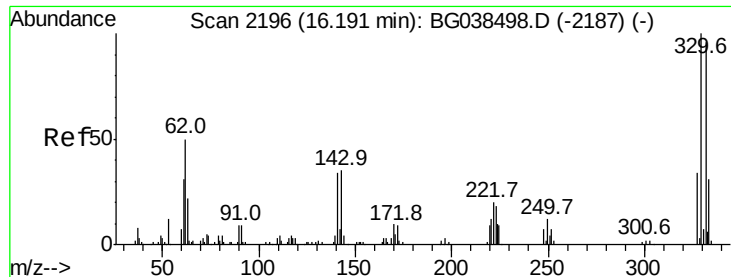
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038846.D
Acq: 27 Dec 2018 16:43

Tgt Ion:164 Resp: 61236
Ion Ratio Lower Upper
164 100
162 108.2 86.6 130.0
160 45.0 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: 140.974 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038846.D

Acq: 27 Dec 2018 16:43

Instrument :

BNA_G

ClientSampleId :

PB116010BL

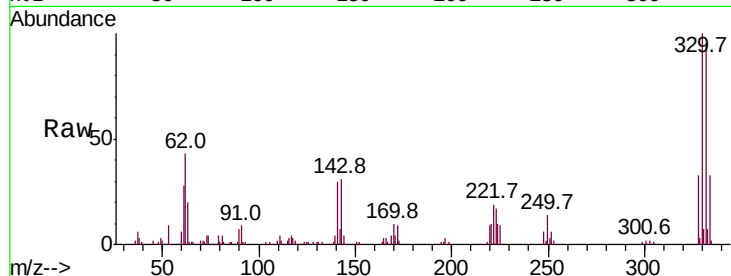
Tot Ion:330 Resp: 118974

Ion Ratio Lower Upper

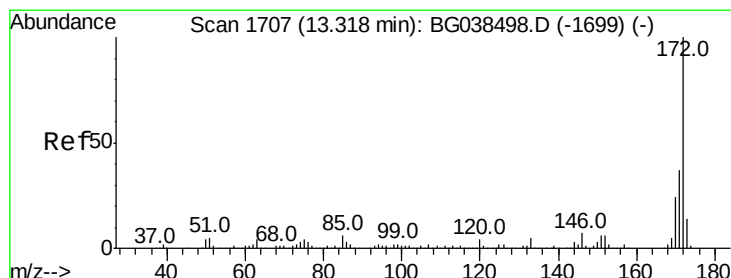
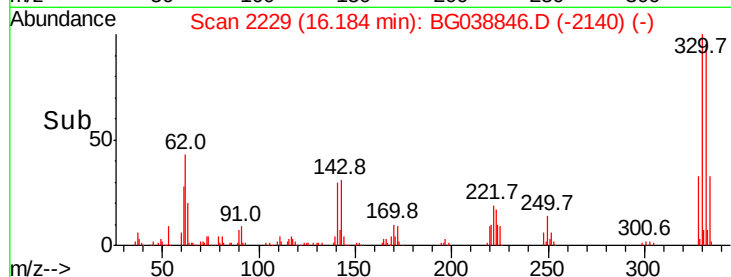
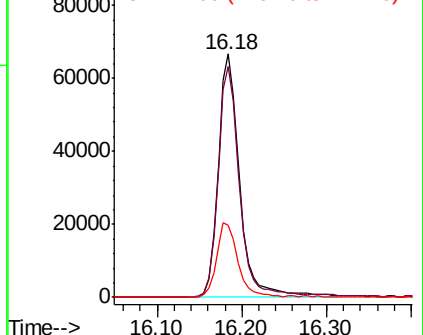
330 100

332 93.9 76.9 115.3

141 30.4 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: 74.127 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038846.D

Acq: 27 Dec 2018 16:43

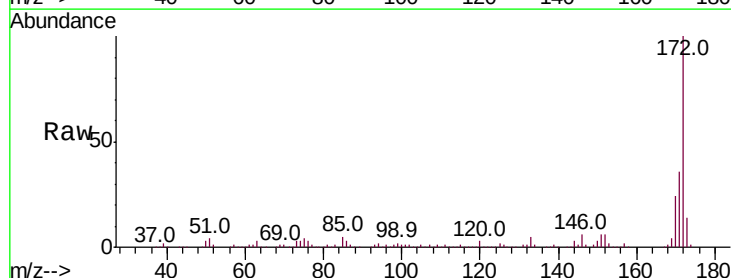
Tgt Ion:172 Resp: 330884

Ion Ratio Lower Upper

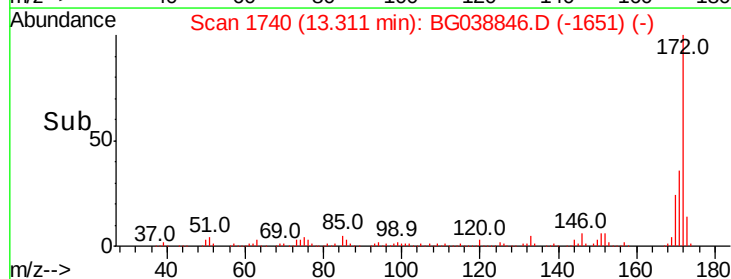
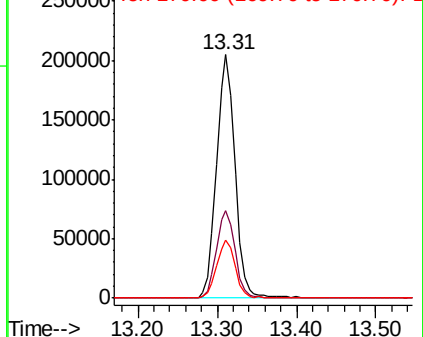
172 100

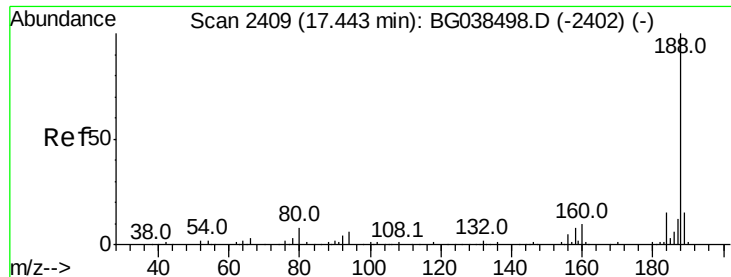
171 35.7 29.8 44.6

170 23.6 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

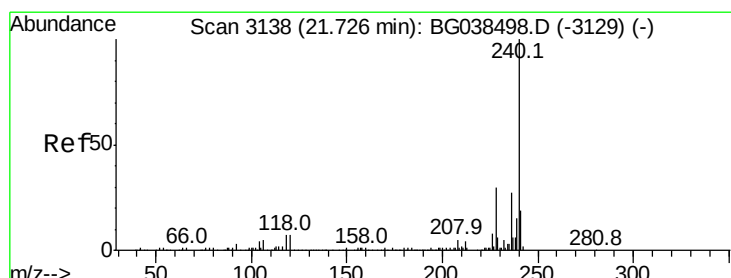
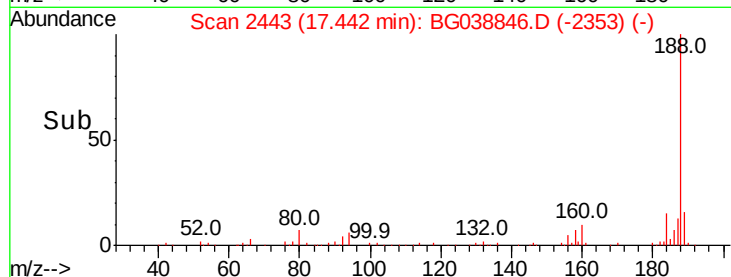
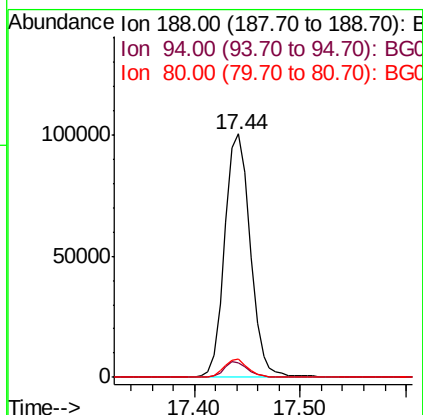
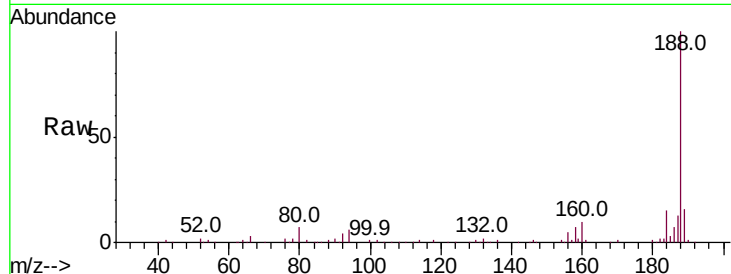




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038846.D
Acq: 27 Dec 2018 16:43

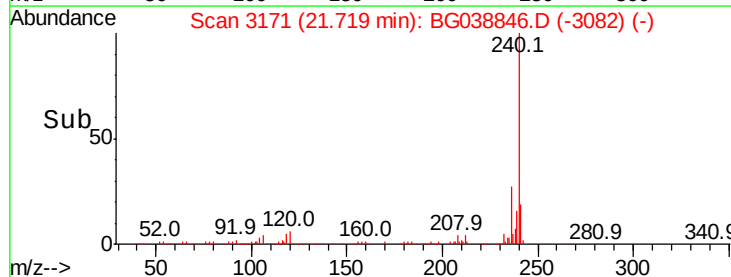
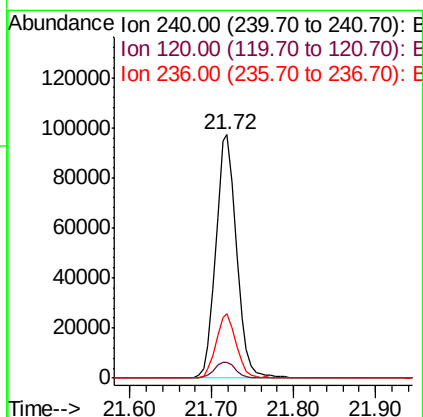
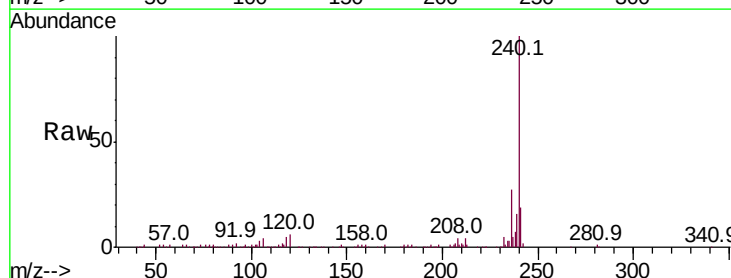
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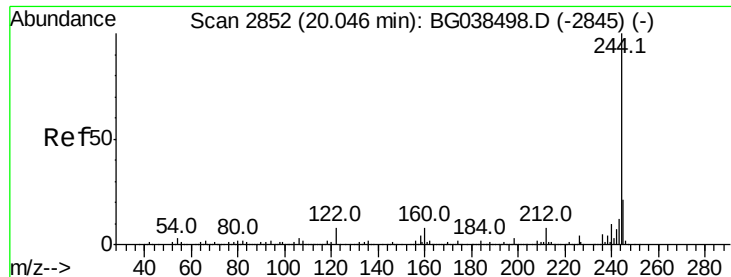
Tot Ion:188 Resp: 168997
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 7.3 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038846.D
Acq: 27 Dec 2018 16:43

Tgt Ion:240 Resp: 171515
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 26.6 21.4 32.2





#79

Terphenyl-d14

Concen: 89.096 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038846.D

Acq: 27 Dec 2018 16:43

Instrument :

BNA_G

ClientSampleId :

PB116010BL

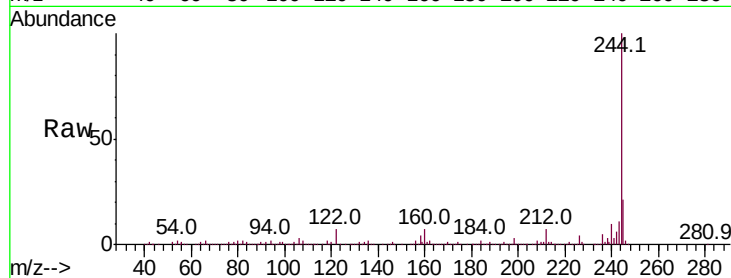
Tot Ion:244 Resp: 702161

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

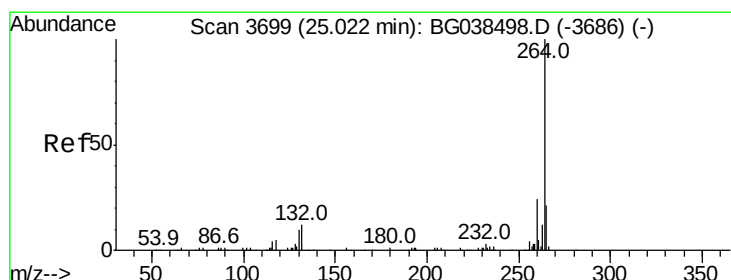
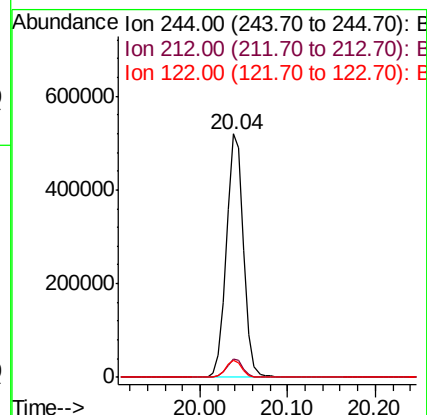
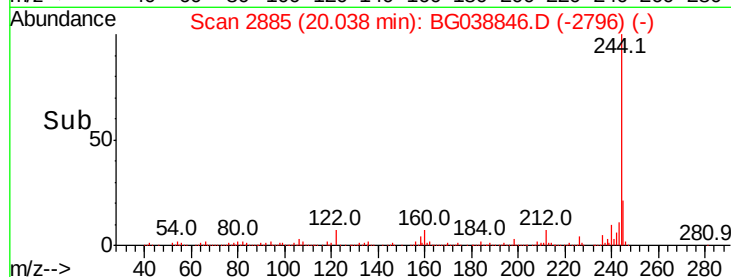
122 7.2 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038846.D

Acq: 27 Dec 2018 16:43

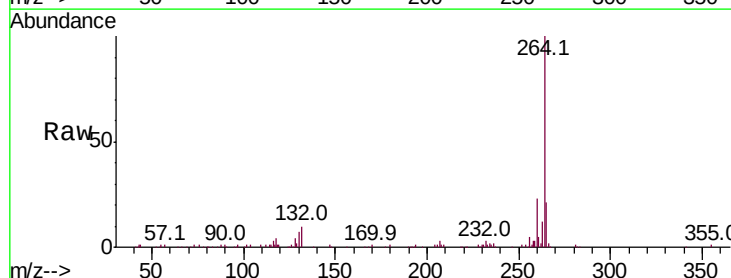
Tgt Ion:264 Resp: 181151

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 20.8 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

