

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037876.D
 Acq On : 7 Nov 2018 22:36
 Operator : JU/SJ
 Sample : PB114524TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114524TB

Quant Time: Nov 08 15:38:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51021	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	230995	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	154991	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	347282	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	306907	20.00	ng	-0.02
87) Perylene-d12	25.08	264	263044	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	312972	102.55	ng	-0.01
7) Phenol-d6	7.24	99	451777	97.90	ng	-0.01
23) Nitrobenzene-d5	9.27	82	267212	64.80	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	148866	88.06	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	680526	66.21	ng	-0.02
79) Terphenyl-d14	20.07	244	966648	67.30	ng	-0.02

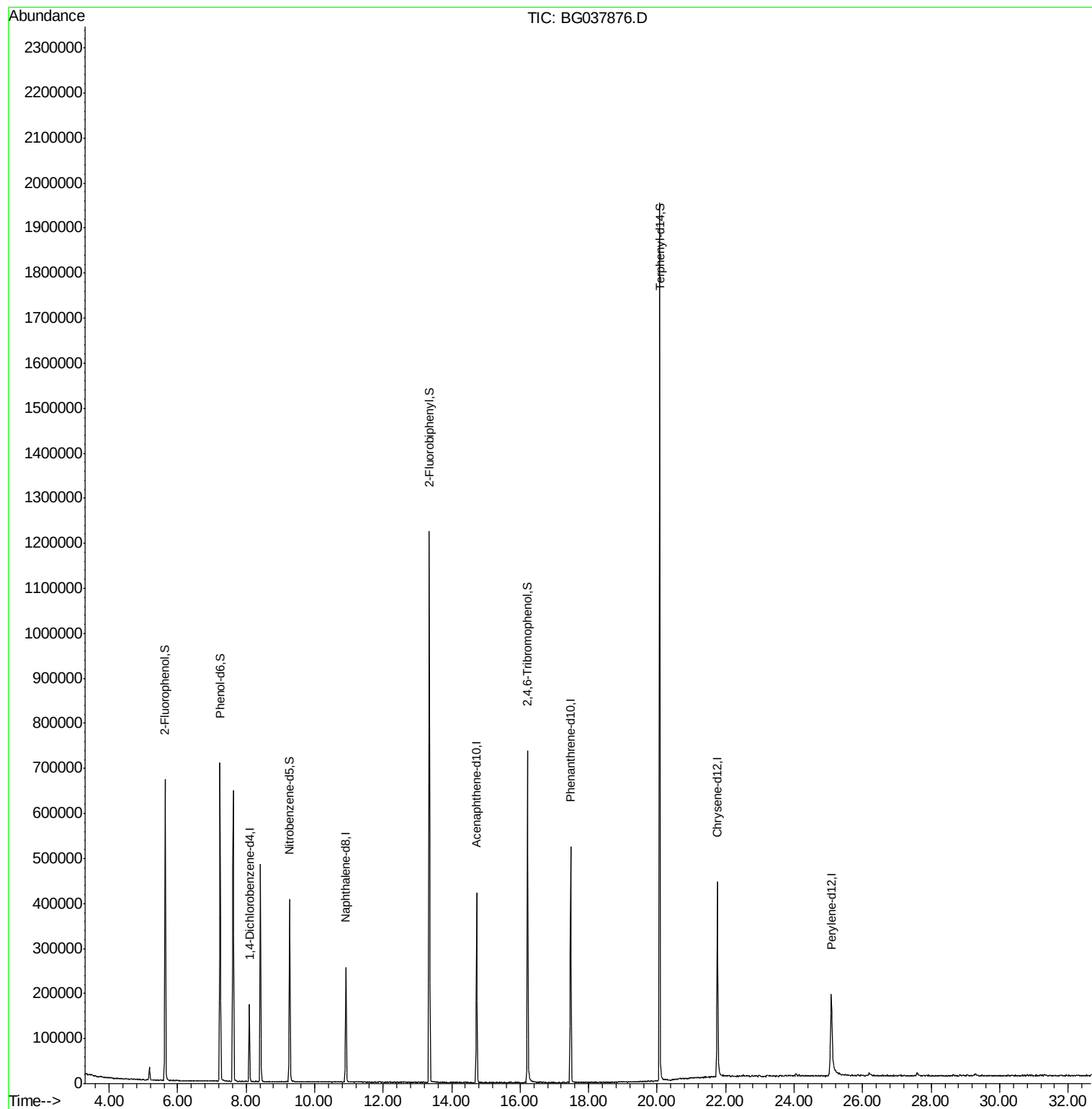
Target Compounds Qvalue

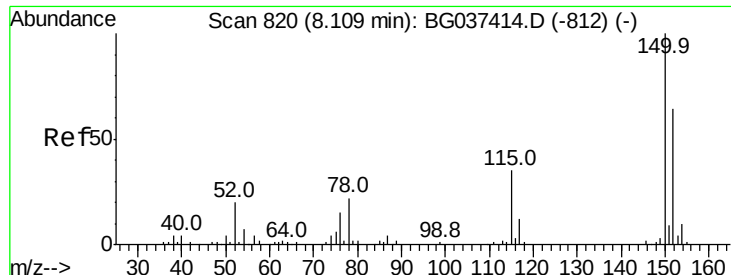
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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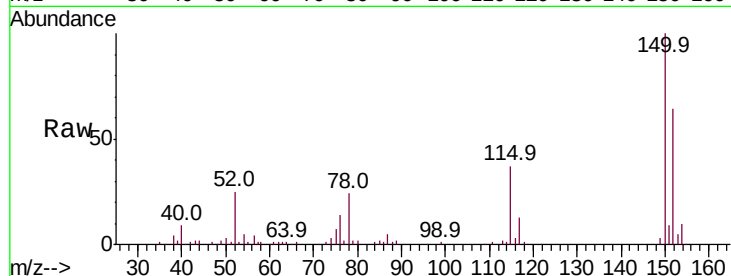


#1

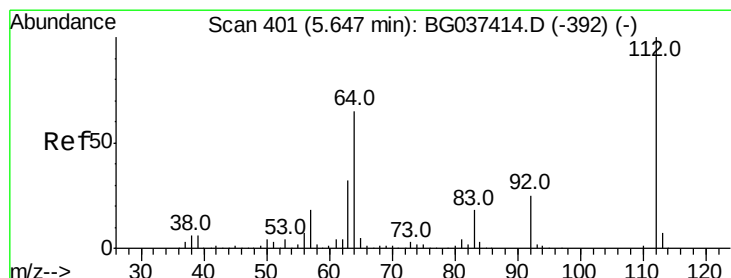
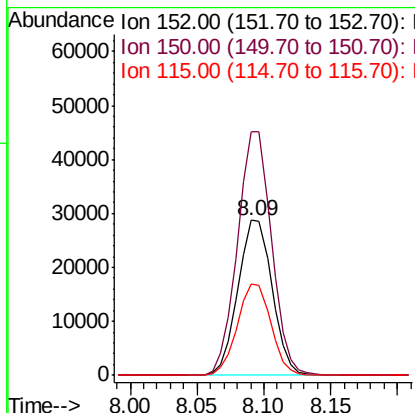
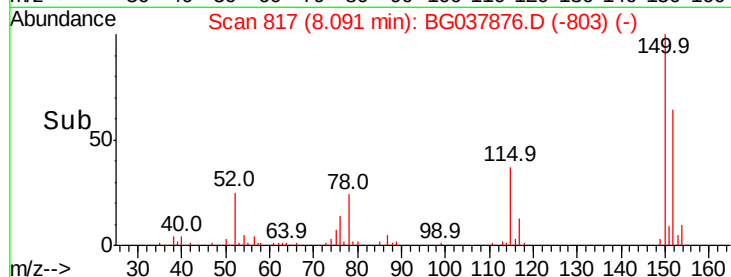
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG037876.D
 Acq: 7 Nov 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB114524TB

Tot Ion:152 Resp: 51021
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.0 189.0
 115 58.5 45.5 68.3



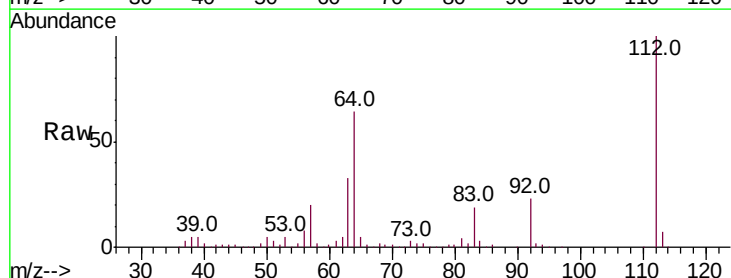
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



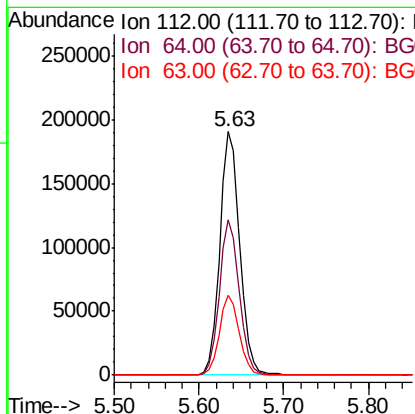
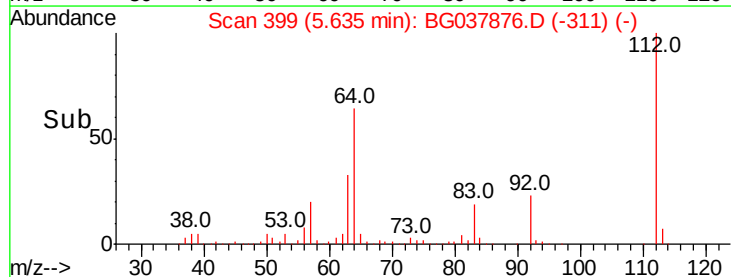
#5

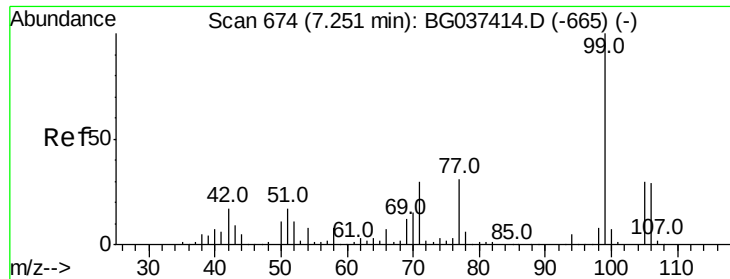
2-Fluorophenol
 Concen: 102.554 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037876.D
 Acq: 7 Nov 2018 22:36

Tgt Ion:112 Resp: 312972
 Ion Ratio Lower Upper
 112 100
 64 64.0 53.1 79.7
 63 33.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 97.901 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037876.D

Acq: 7 Nov 2018 22:36

Instrument :

BNA_G

ClientSampleId :

PB114524TB

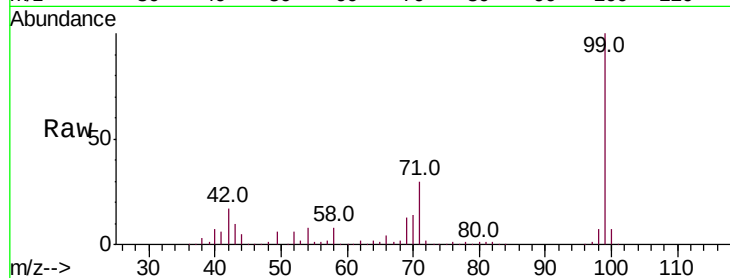
Tot Ion: 99 Resp: 451777

Ion Ratio Lower Upper

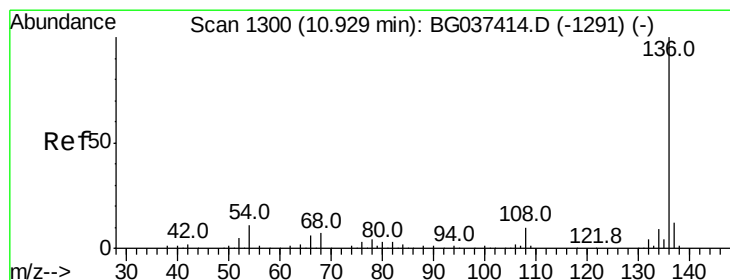
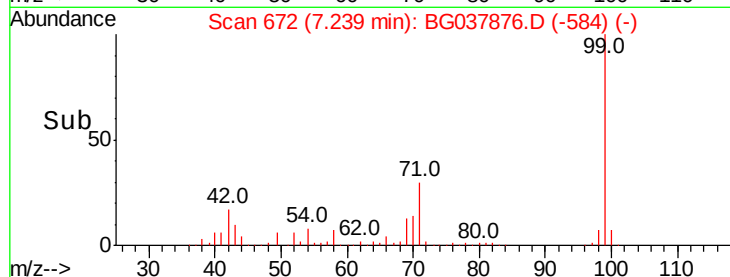
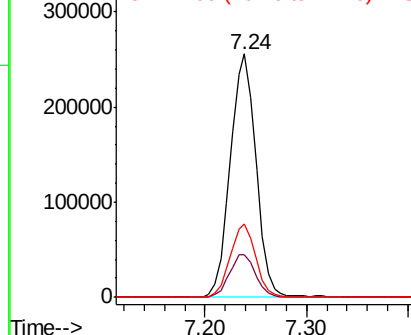
99 100

42 17.5 15.0 22.4

71 29.9 25.5 38.3



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: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037876.D

Acq: 7 Nov 2018 22:36

Tgt Ion: 136 Resp: 230995

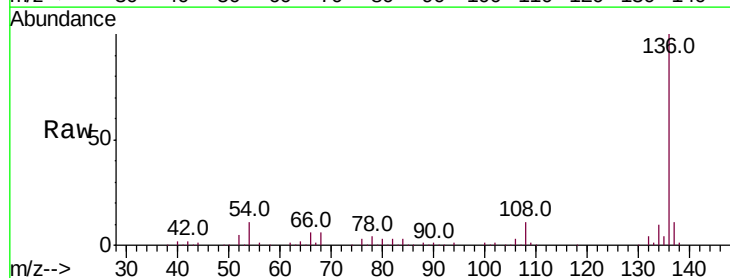
Ion Ratio Lower Upper

136 100

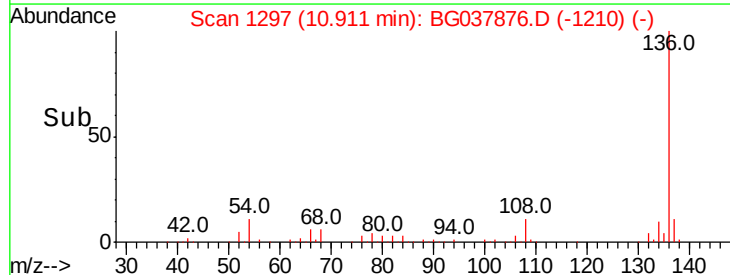
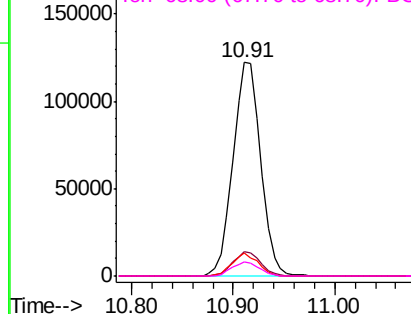
137 11.4 9.6 14.4

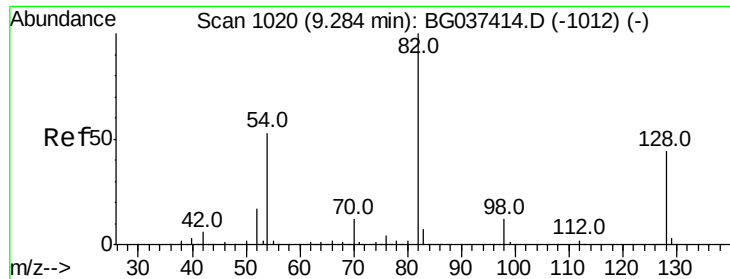
54 10.8 7.9 11.9

68 6.4 4.8 7.2



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

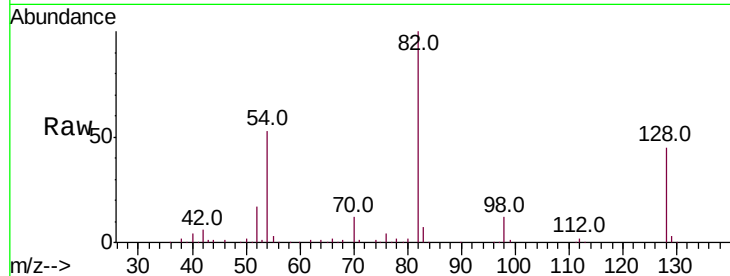




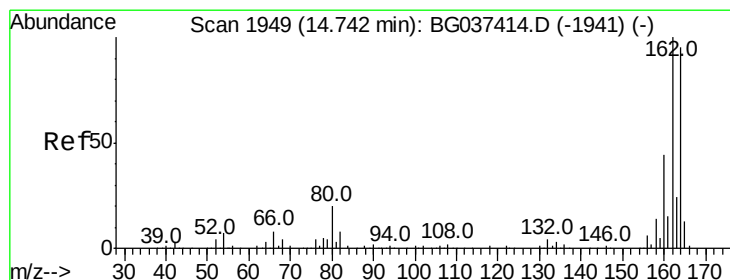
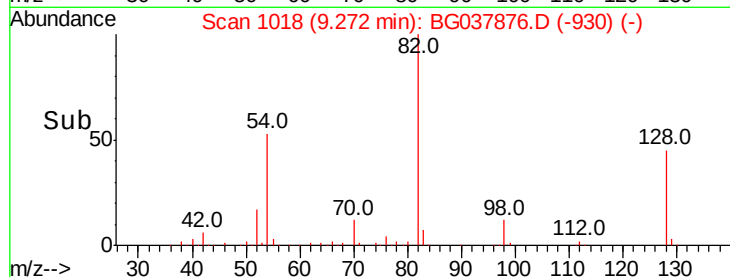
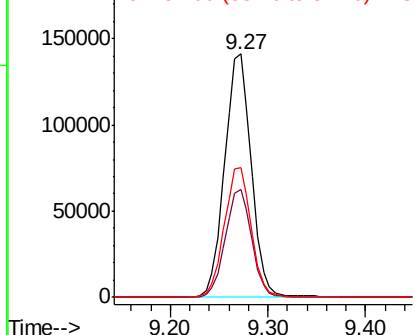
#23
 Nitrobenzene-d5
 Concen: 64.802 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037876.D
 Acq: 7 Nov 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB114524TB

Tot Ion: 82 Resp: 267212
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 51.8
 54 53.1 45.3 67.9

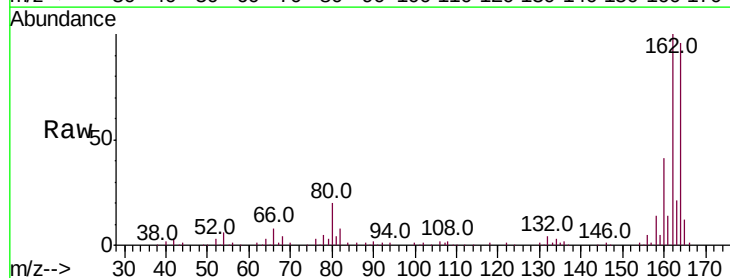


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

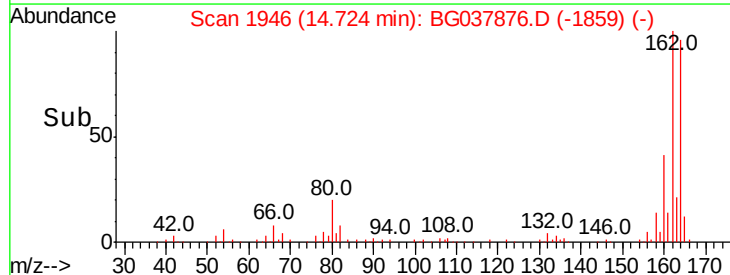
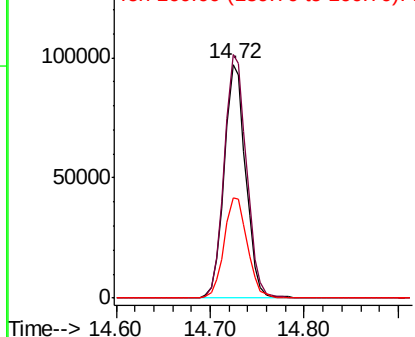


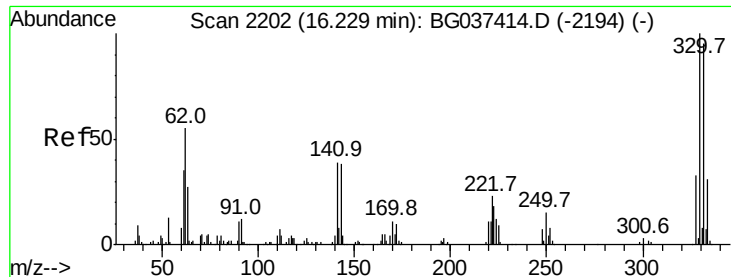
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG037876.D
 Acq: 7 Nov 2018 22:36

Tgt Ion:164 Resp: 154991
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.3 121.9
 160 43.0 36.3 54.5



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: 88.062 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037876.D

Acq: 7 Nov 2018 22:36

Instrument :

BNA_G

ClientSampleId :

PB114524TB

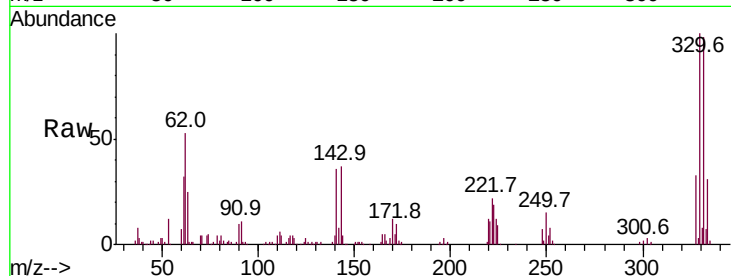
Tot Ion:330 Resp: 148866

Ion Ratio Lower Upper

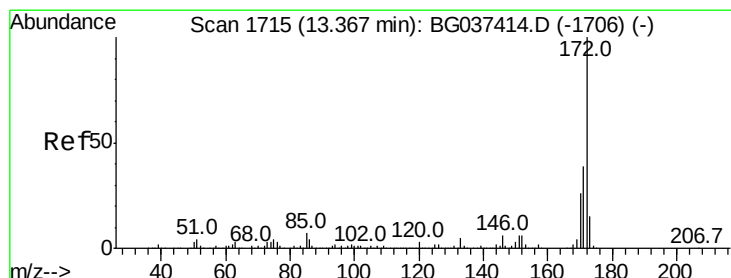
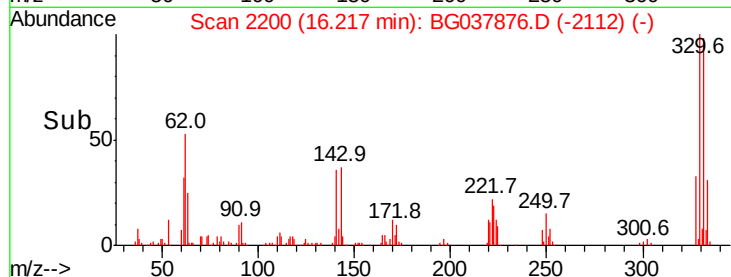
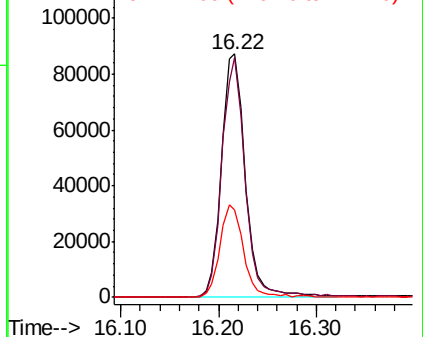
330 100

332 96.0 78.4 117.6

141 38.1 32.2 48.2



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: 66.210 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037876.D

Acq: 7 Nov 2018 22:36

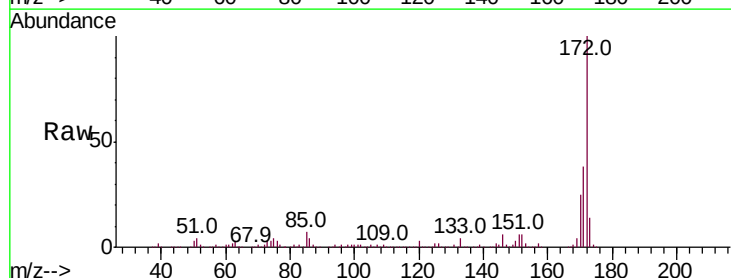
Tgt Ion:172 Resp: 680526

Ion Ratio Lower Upper

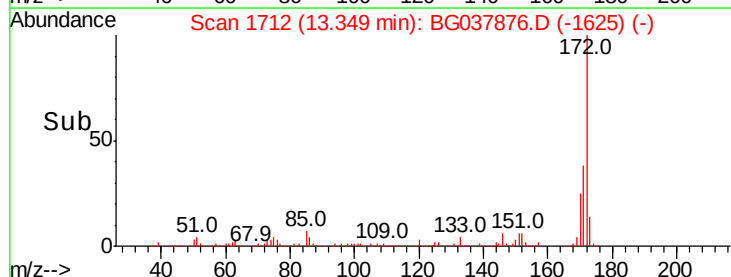
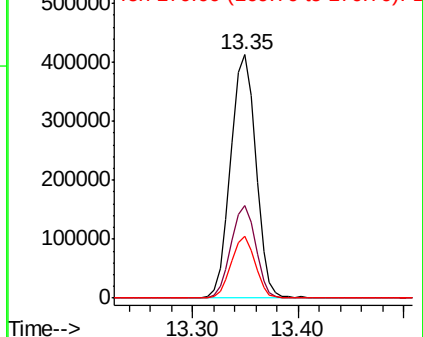
172 100

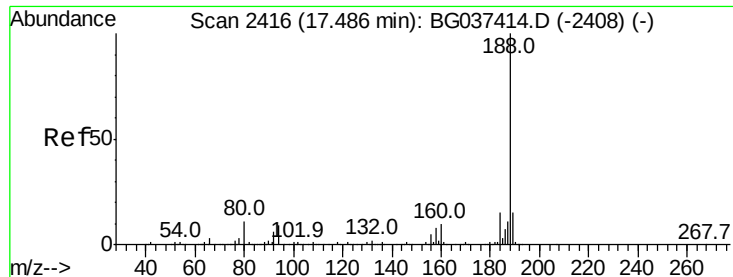
171 38.2 31.0 46.4

170 25.3 20.2 30.2



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

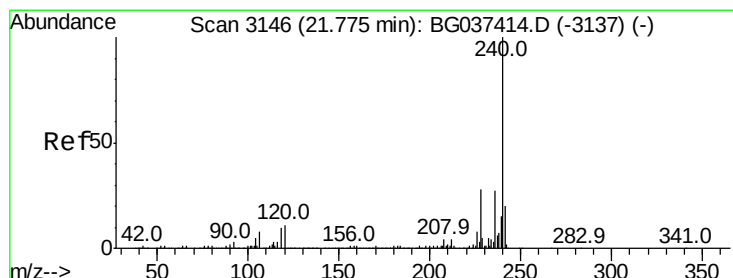
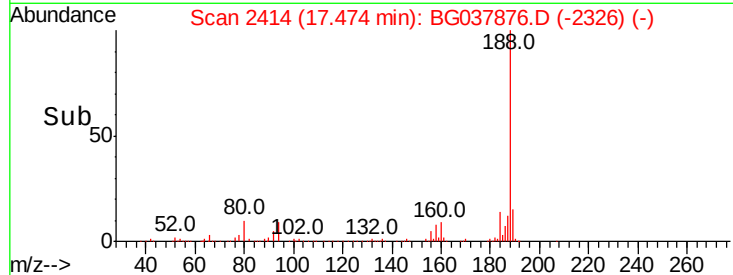
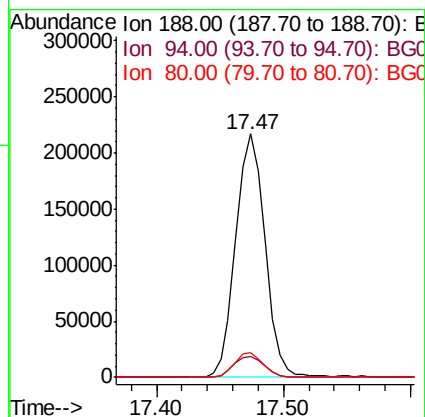
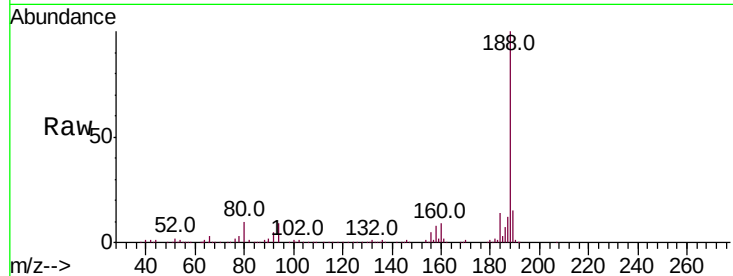




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037876.D
Acq: 7 Nov 2018 22:36

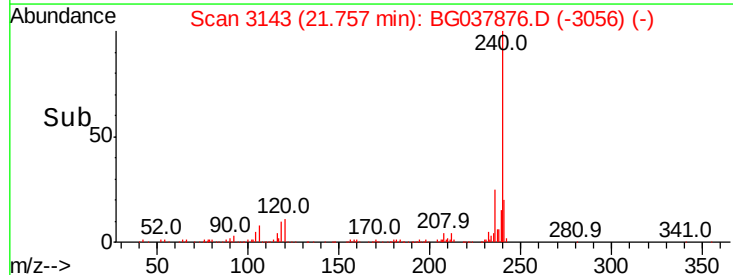
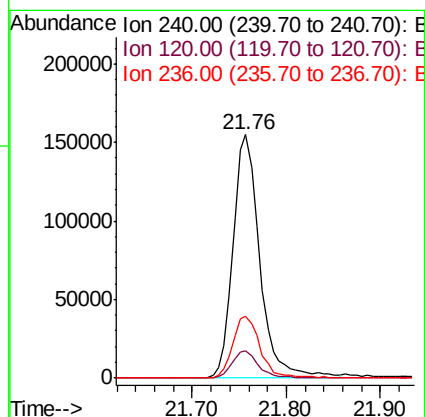
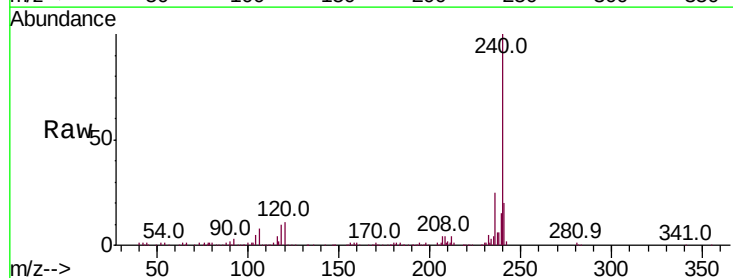
Instrument :
BNA_G
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PB114524TB

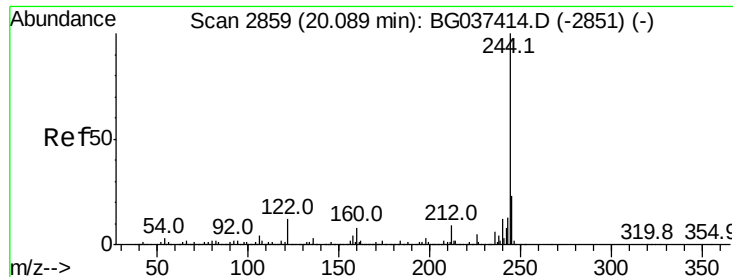
Tot Ion:188 Resp: 347282
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037876.D
Acq: 7 Nov 2018 22:36

Tgt Ion:240 Resp: 306907
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 25.4 21.4 32.0





#79

Terphenyl-d14

Concen: 67.301 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037876.D

Acq: 7 Nov 2018 22:36

Instrument :

BNA_G

ClientSampleId :

PB114524TB

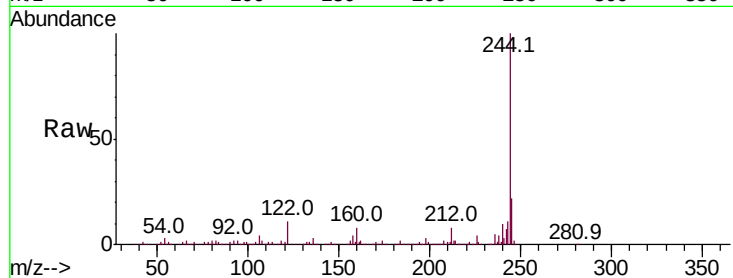
Tot Ion:244 Resp: 966648

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

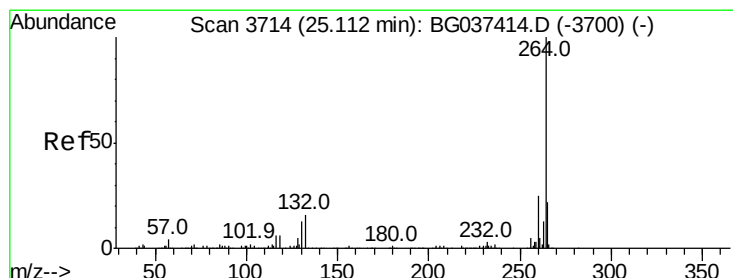
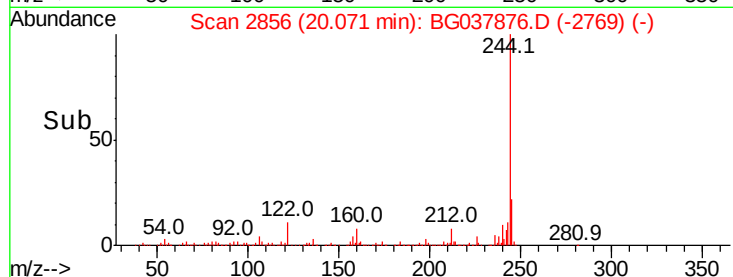
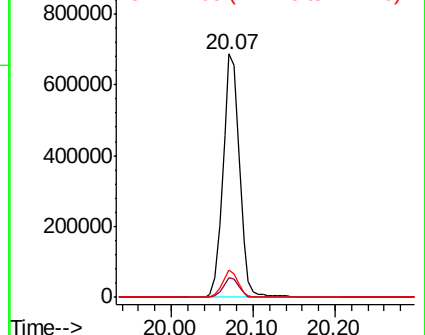
122 11.1 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037876.D

Acq: 7 Nov 2018 22:36

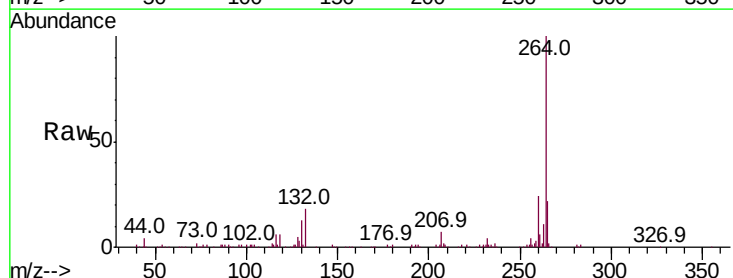
Tgt Ion:264 Resp: 263044

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 22.0 17.9 26.9



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

