

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037603.D
 Acq On : 27 Oct 2018 5:36
 Operator : JU/SJ
 Sample : J5665-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-08A

Quant Time: Oct 27 07:08:37 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	8.10	152	59001	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	257140	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	173638	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	413289	20.00	ng	0.00
76) Chrysene-d12	21.77	240	378619	20.00	ng	0.00
87) Perylene-d12	25.10	264	341071	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	408706	115.81	ng	0.00
7) Phenol-d6	7.25	99	529165	99.16	ng	0.00
23) Nitrobenzene-d5	9.28	82	381350	83.08	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	188349	99.45	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	900688	78.22	ng	0.00
79) Terphenyl-d14	20.08	244	1418719	80.07	ng	0.00

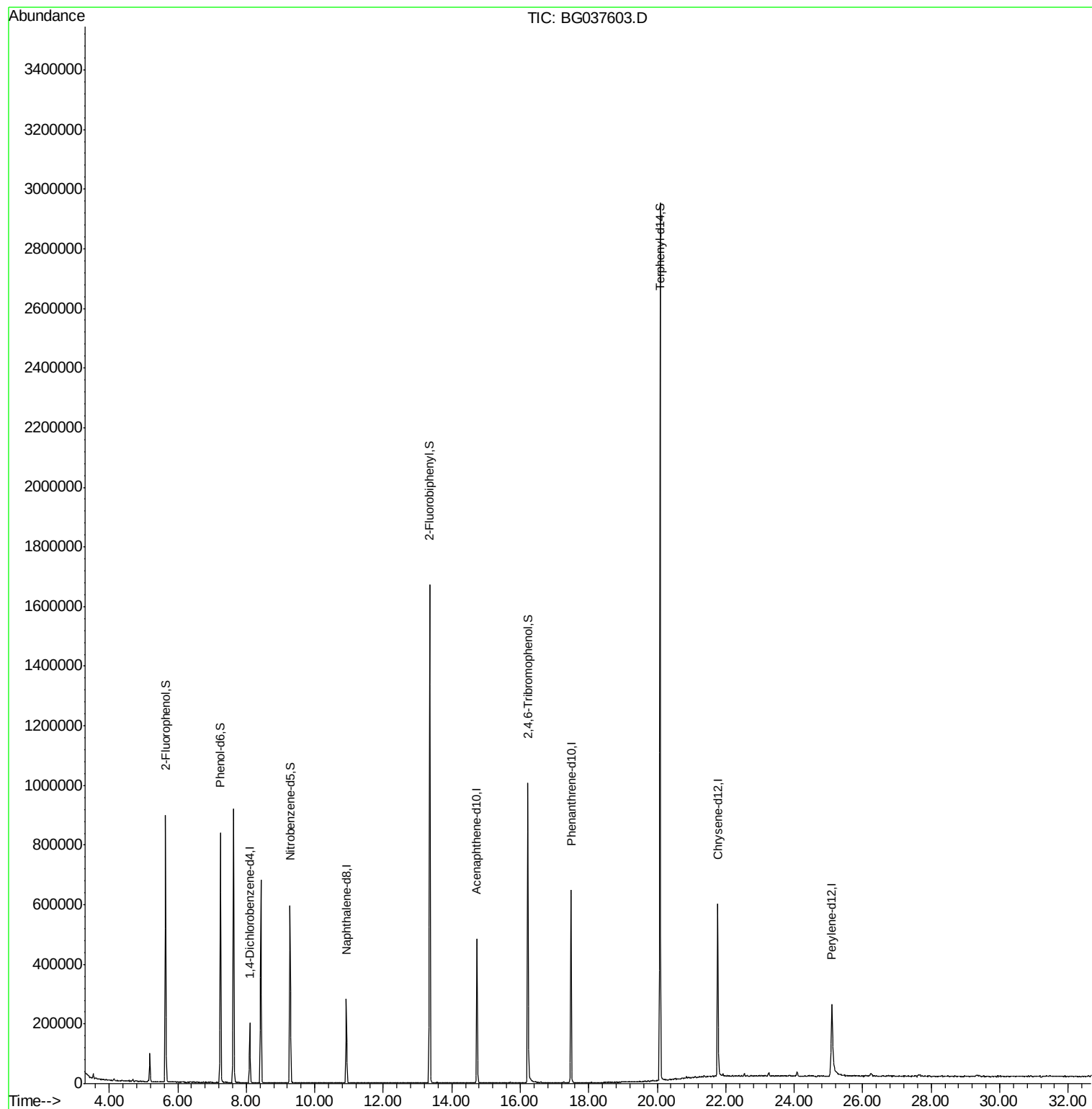
Target Compounds Qvalue

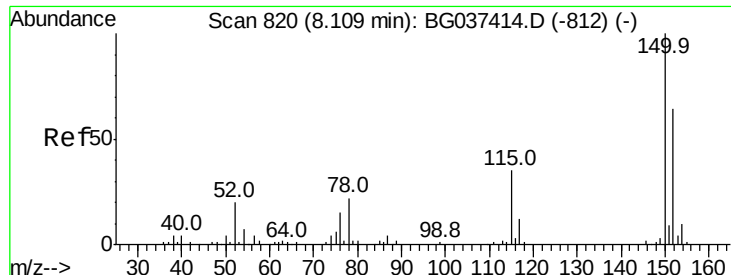
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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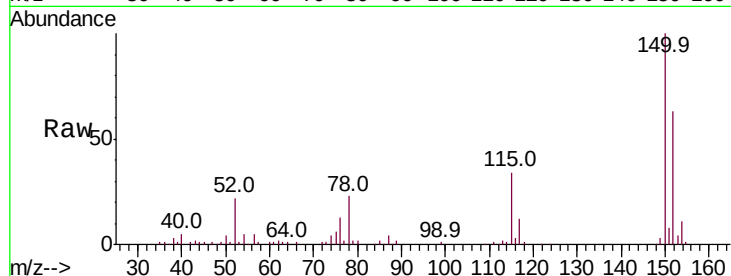


#1

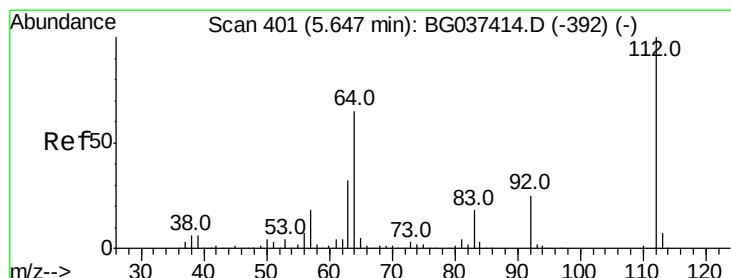
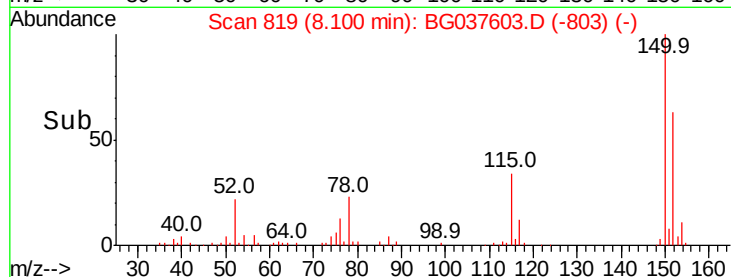
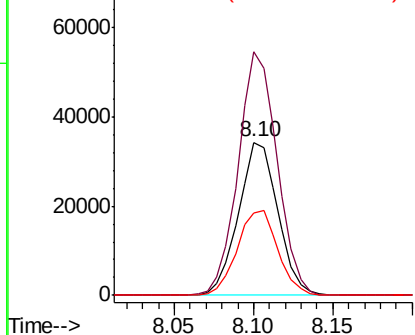
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037603.D
Acq: 27 Oct 2018 5:36

Instrument :
BNA_G
ClientSampleId :
DL-08A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.0	189.0
115	53.5	45.5	68.3



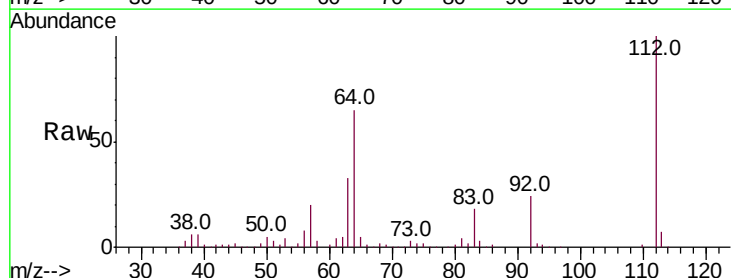
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



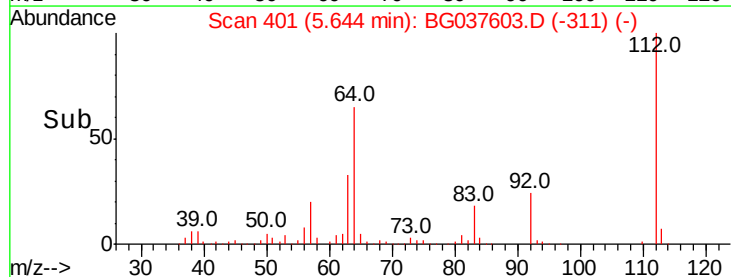
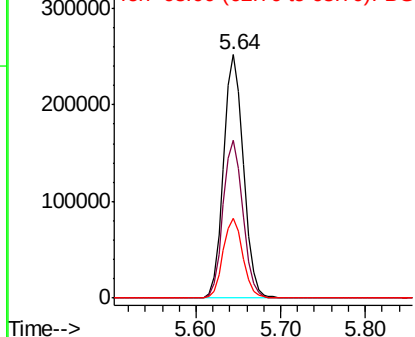
#5

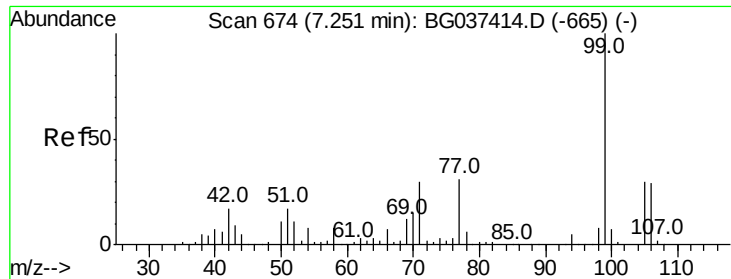
2-Fluorophenol
Concen: 115.811 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037603.D
Acq: 27 Oct 2018 5:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.1	79.7
63	32.7	27.3	40.9



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: 99.161 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037603.D

Acq: 27 Oct 2018 5:36

Instrument :

BNA_G

ClientSampleId :

DL-08A

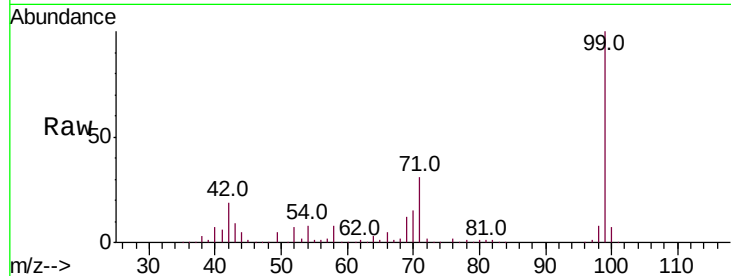
Tot Ion: 99 Resp: 529165

Ion Ratio Lower Upper

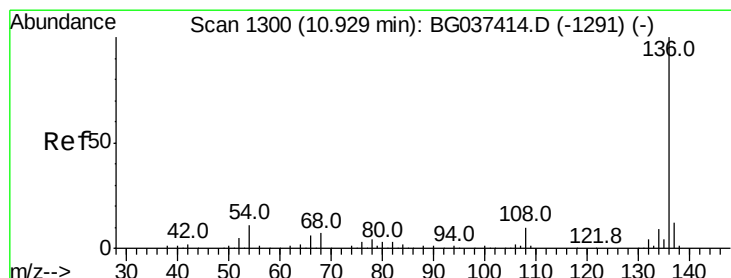
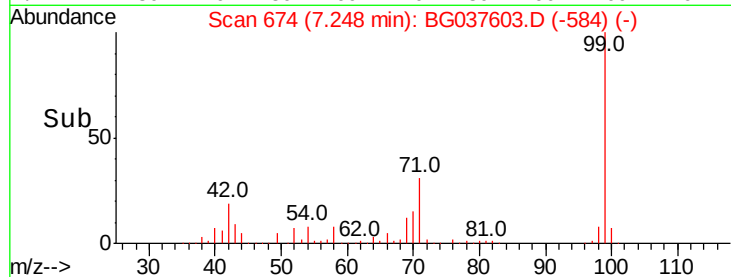
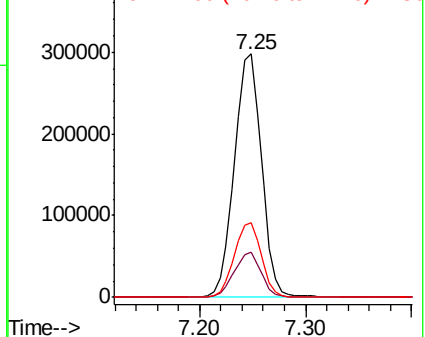
99 100

42 18.8 15.0 22.4

71 30.7 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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037603.D

Acq: 27 Oct 2018 5:36

Tgt Ion: 136 Resp: 257140

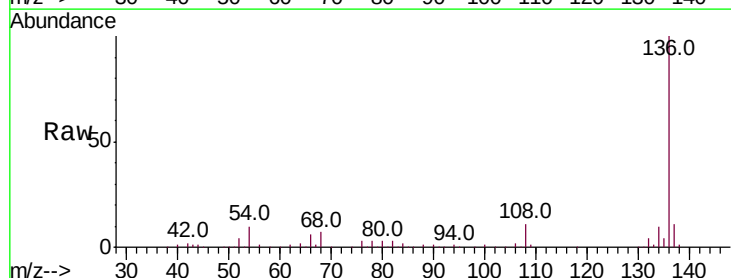
Ion Ratio Lower Upper

136 100

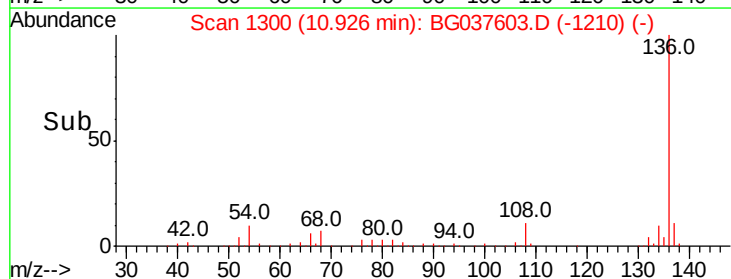
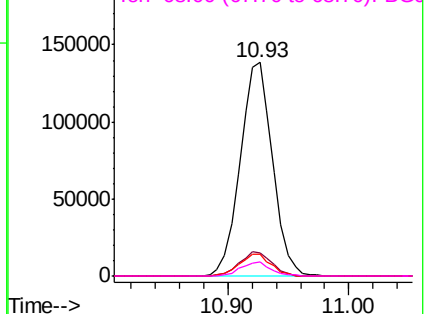
137 10.5 9.6 14.4

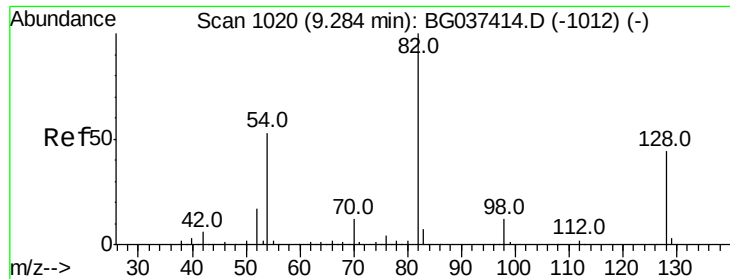
54 10.2 7.9 11.9

68 6.6 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

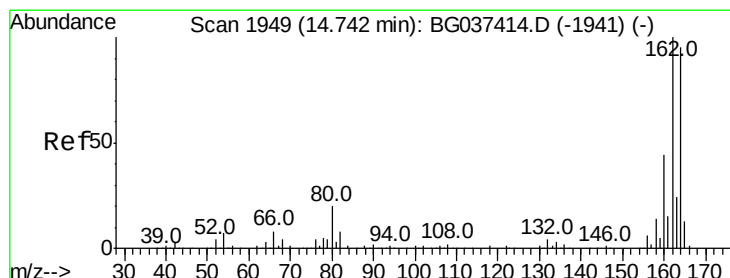
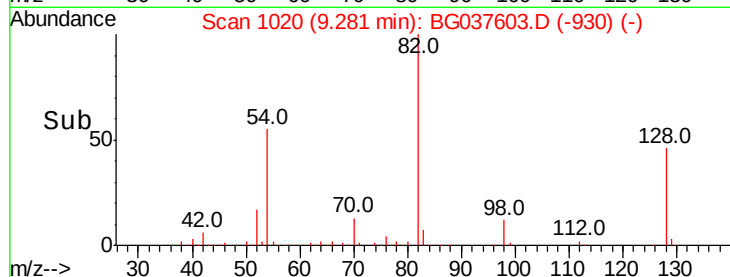
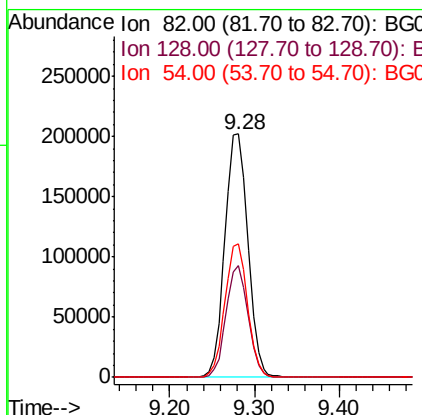
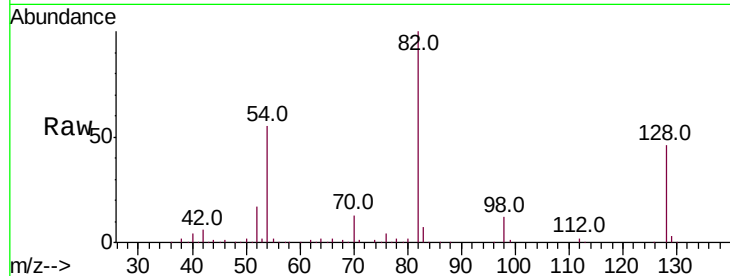




#23
 Nitrobenzene-d5
 Concen: 83.079 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

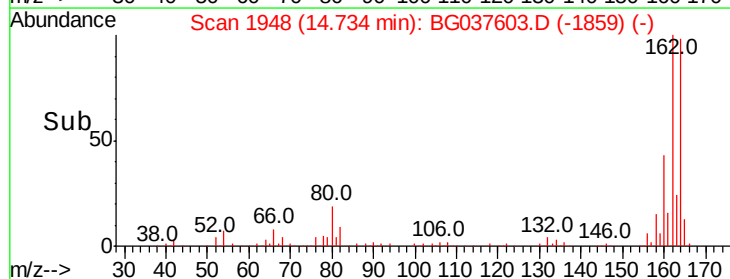
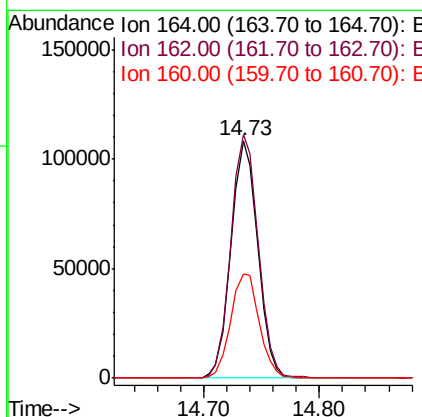
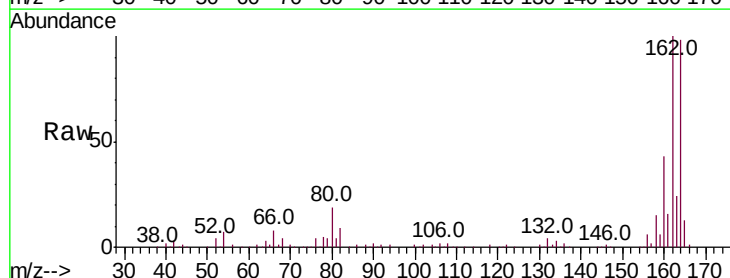
Instrument :
 BNA_G
 ClientSampled :
 DL-08A

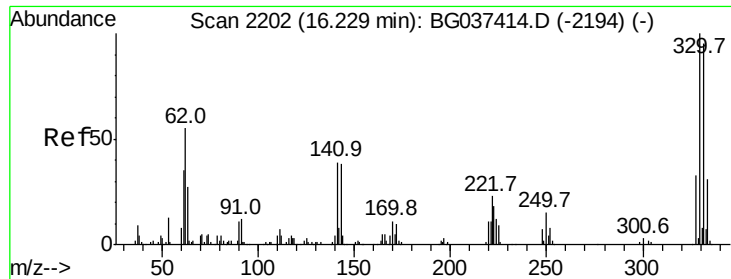
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.6	51.8
54	54.8	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037603.D
 Acq: 27 Oct 2018 5:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	44.0	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 99.453 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037603.D

Acq: 27 Oct 2018 5:36

Instrument :

BNA_G

ClientSampleId :

DL-08A

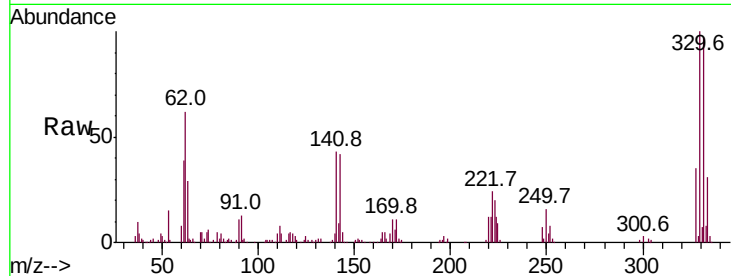
Tot Ion:330 Resp: 188349

Ion Ratio Lower Upper

330 100

332 98.6 78.4 117.6

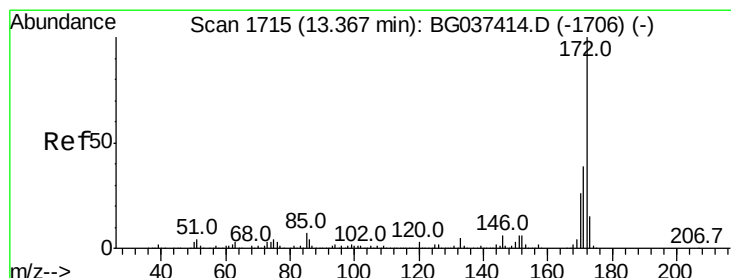
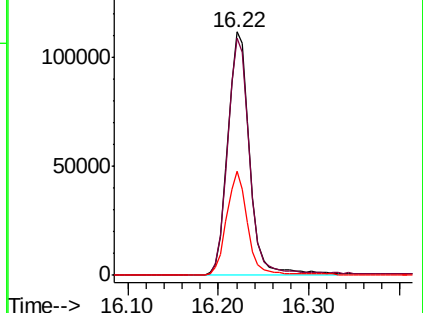
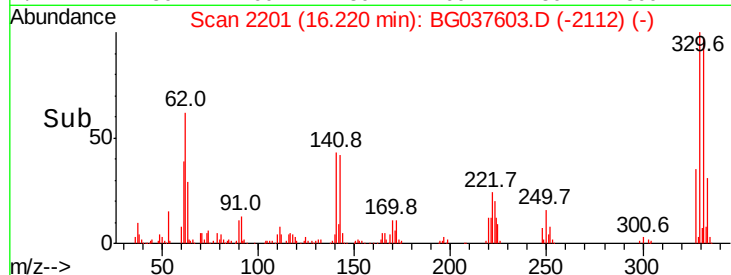
141 40.6 32.2 48.2



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: 78.219 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037603.D

Acq: 27 Oct 2018 5:36

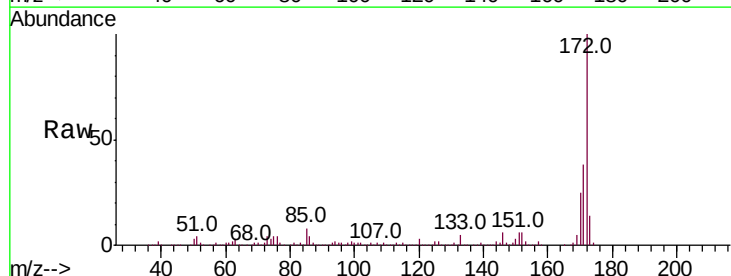
Tgt Ion:172 Resp: 900688

Ion Ratio Lower Upper

172 100

171 38.5 31.0 46.4

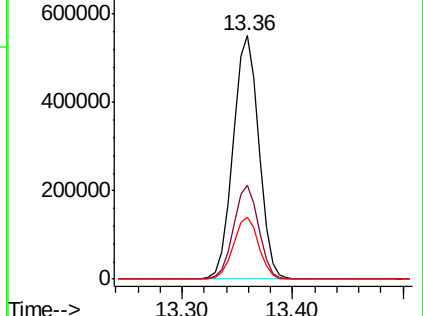
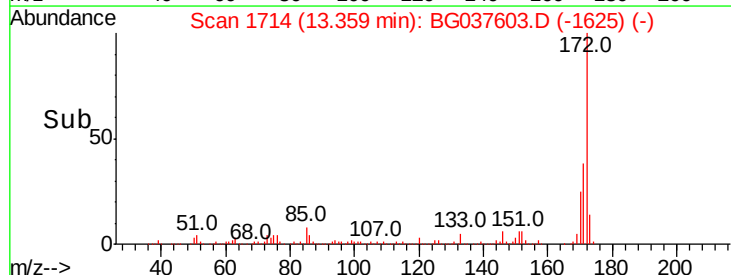
170 25.5 20.2 30.2

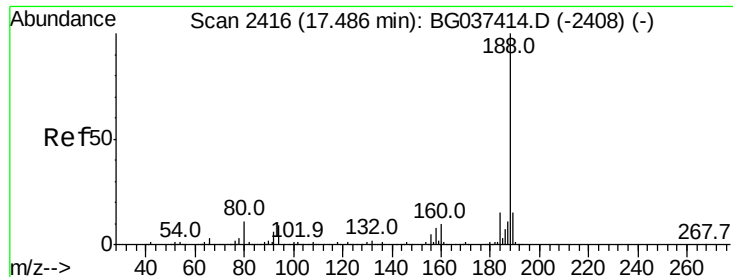


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

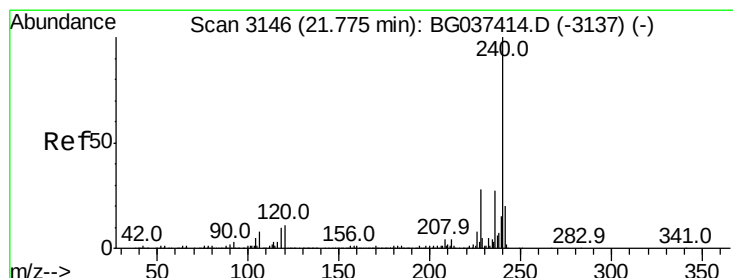
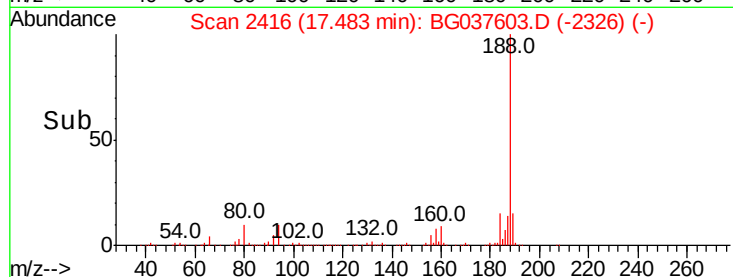
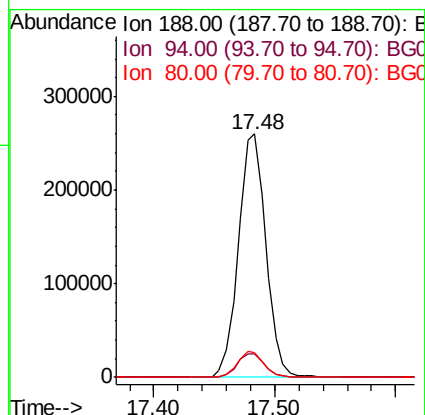
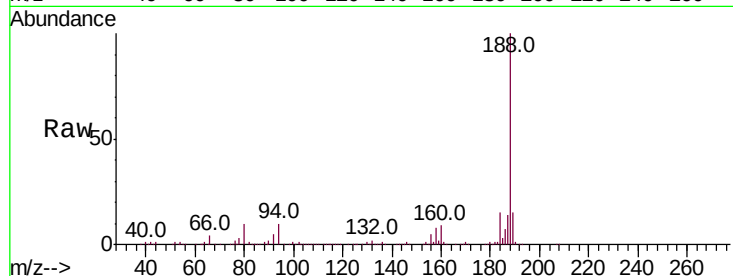




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037603.D
Acq: 27 Oct 2018 5:36

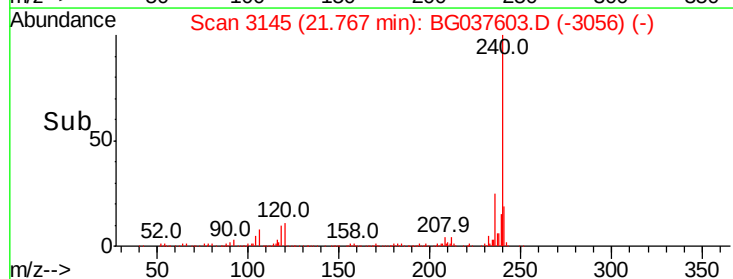
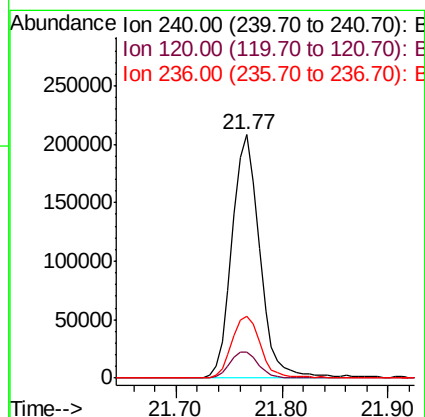
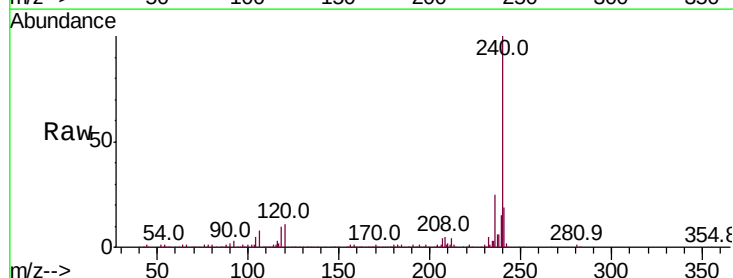
Instrument :
BNA_G
ClientSampleId :
DL-08A

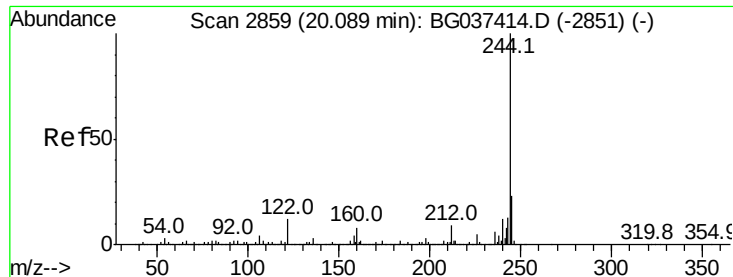
Tot Ion:188 Resp: 413289
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037603.D
Acq: 27 Oct 2018 5:36

Tgt Ion:240 Resp: 378619
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 25.5 21.4 32.0





#79

Terphenyl-d14

Concen: 80.067 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037603.D

Acq: 27 Oct 2018 5:36

Instrument :

BNA_G

ClientSampled :

DL-08A

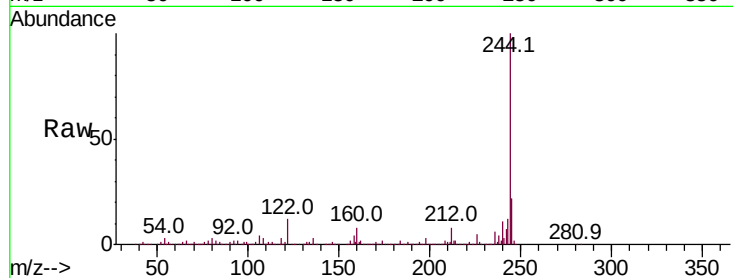
Tot Ion:244 Resp: 1418719

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

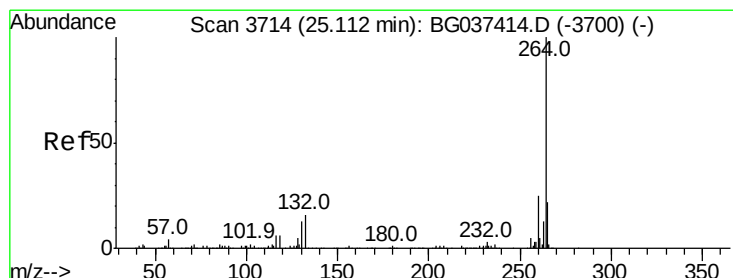
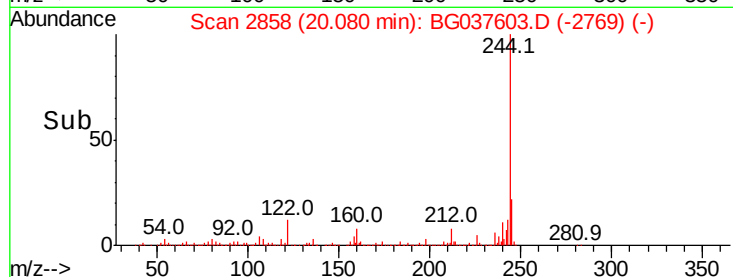
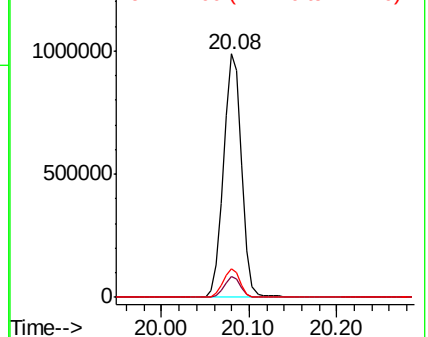
122 11.8 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037603.D

Acq: 27 Oct 2018 5:36

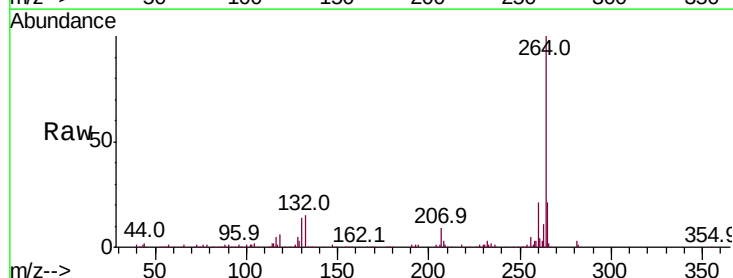
Tgt Ion:264 Resp: 341071

Ion Ratio Lower Upper

264 100

260 21.5 18.2 27.4

265 20.9 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

