

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037604.D
 Acq On : 27 Oct 2018 6:15
 Operator : JU/SJ
 Sample : J5675-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Oct 29 02:16:46 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	52024	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	231547	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	156487	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	372607	20.00	ng	0.00
76) Chrysene-d12	21.77	240	339991	20.00	ng	0.00
87) Perylene-d12	25.10	264	303316	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	355962	114.39	ng	0.00
7) Phenol-d6	7.24	99	454137	96.51	ng	0.00
23) Nitrobenzene-d5	9.28	82	333499	80.68	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	158902	93.10	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	803361	77.41	ng	0.00
79) Terphenyl-d14	20.08	244	1245076	78.25	ng	0.00

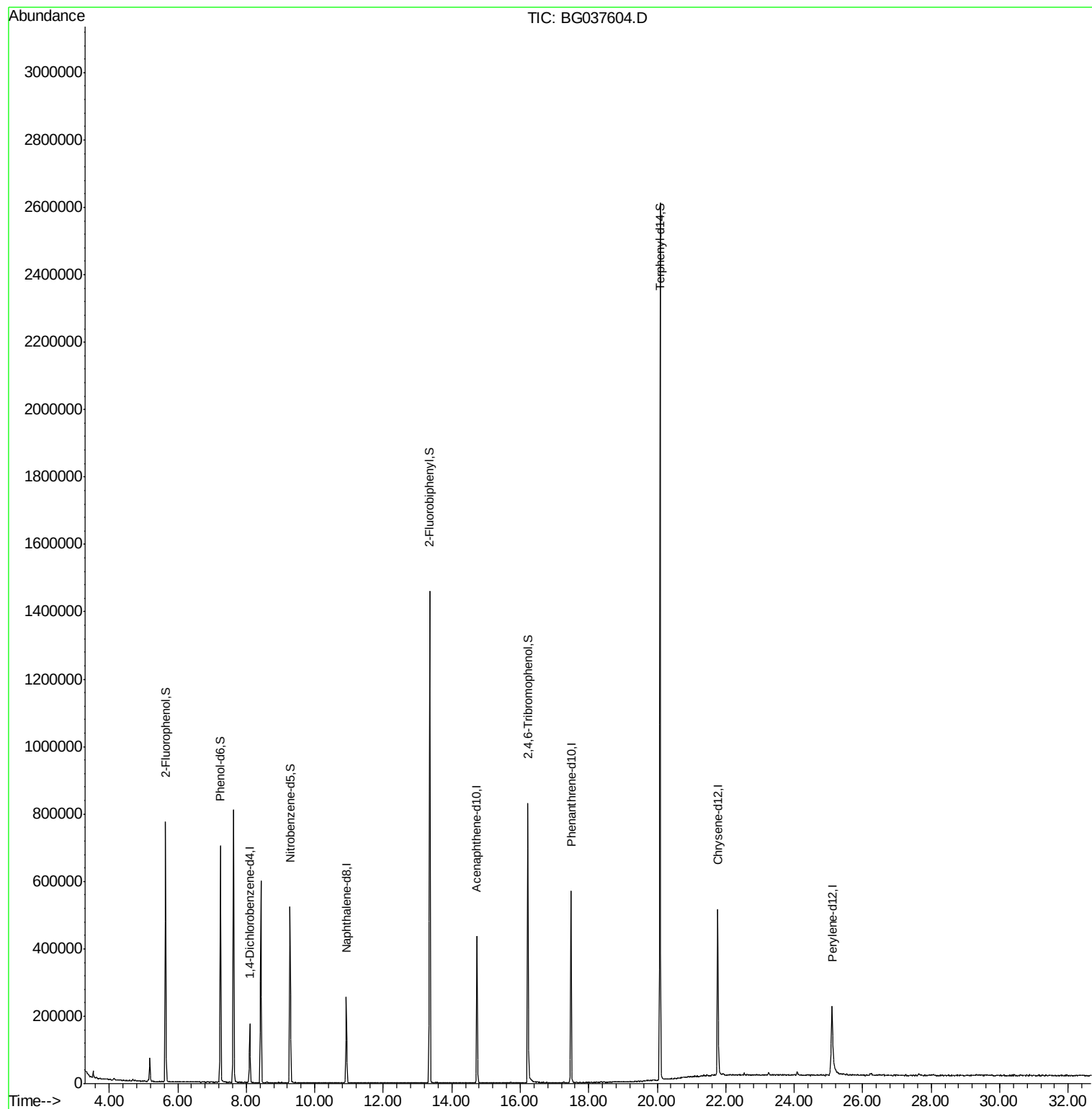
Target Compounds Qvalue

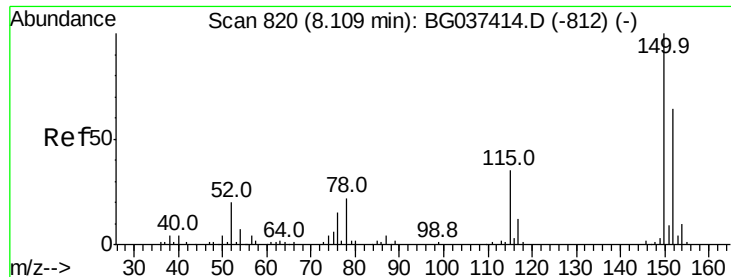
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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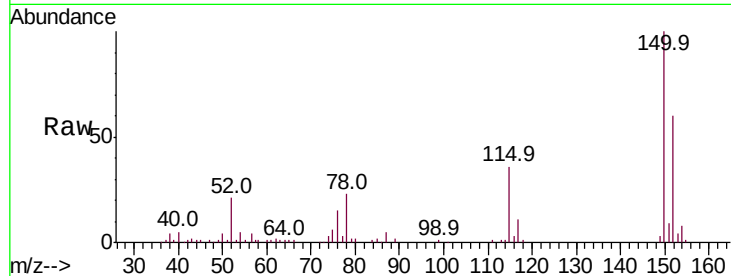


#1

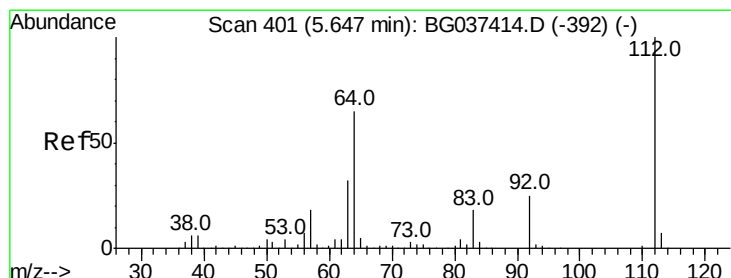
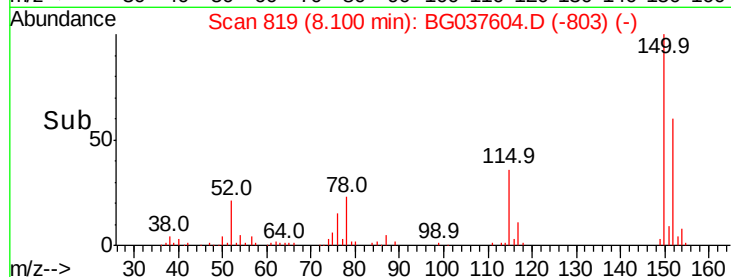
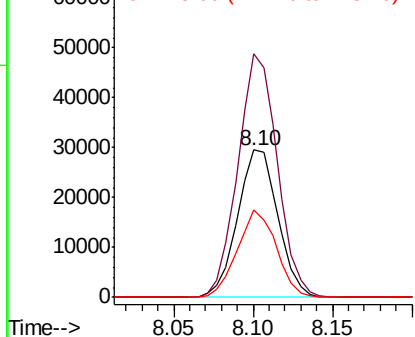
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:152 Resp: 52024
Ion Ratio Lower Upper
152 100
150 165.5 126.0 189.0
115 59.1 45.5 68.3



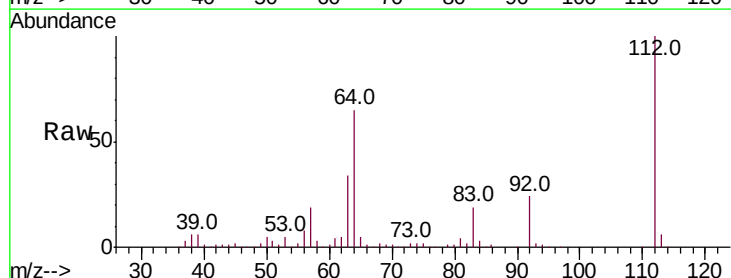
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



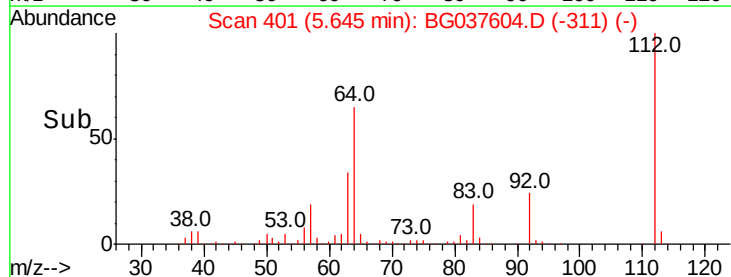
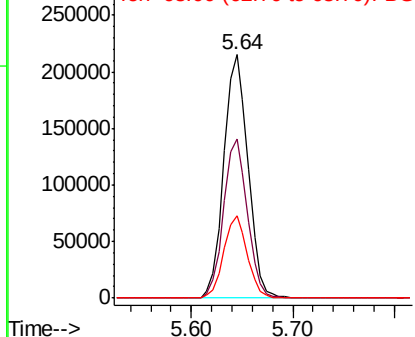
#5

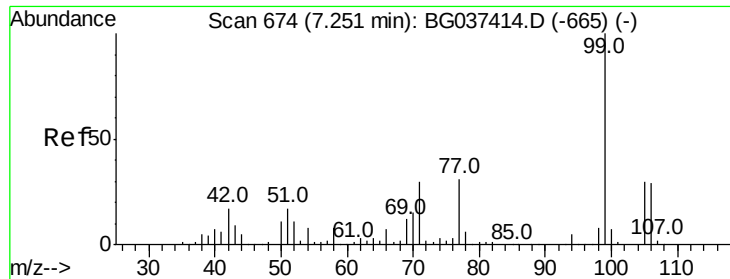
2-Fluorophenol
Concen: 114.393 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

Tgt Ion:112 Resp: 355962
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 33.8 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: 96.515 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037604.D

Acq: 27 Oct 2018 6:15

Instrument :

BNA_G

ClientSampleId :

TP-5

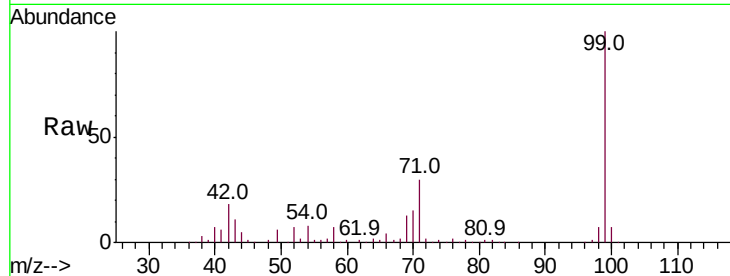
Tot Ion: 99 Resp: 454137

Ion Ratio Lower Upper

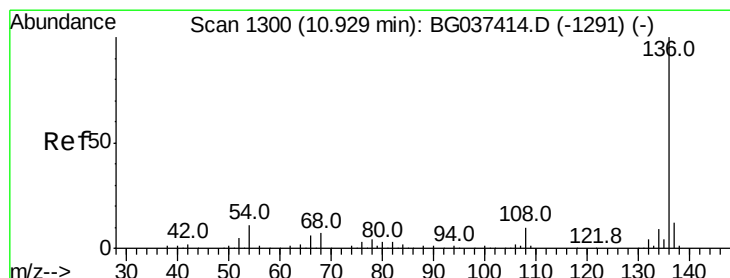
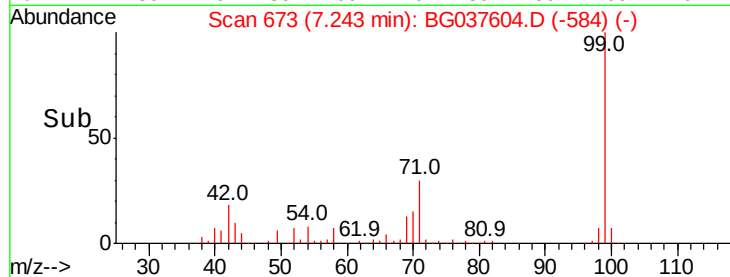
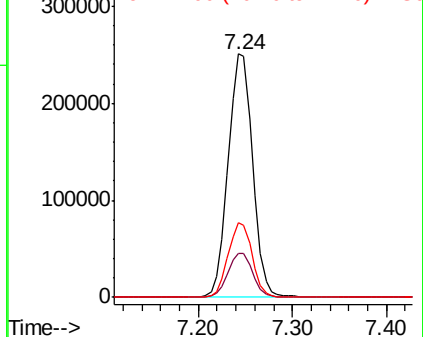
99 100

42 18.1 15.0 22.4

71 30.5 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037604.D

Acq: 27 Oct 2018 6:15

Tgt Ion: 136 Resp: 231547

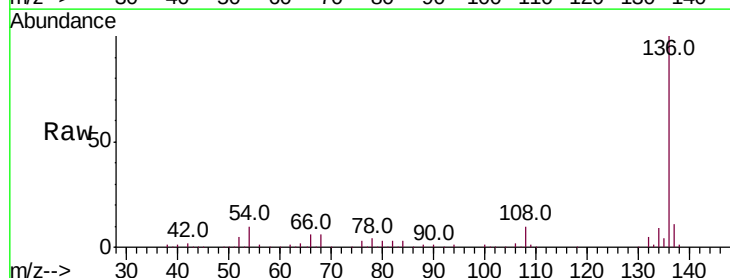
Ion Ratio Lower Upper

136 100

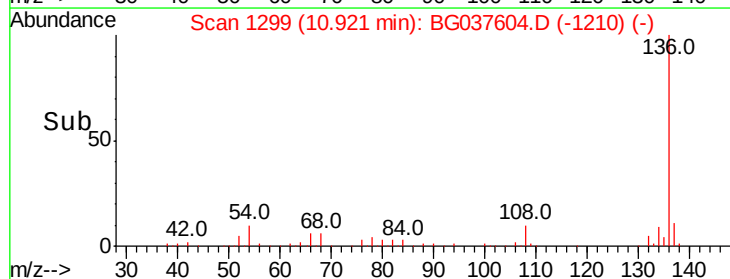
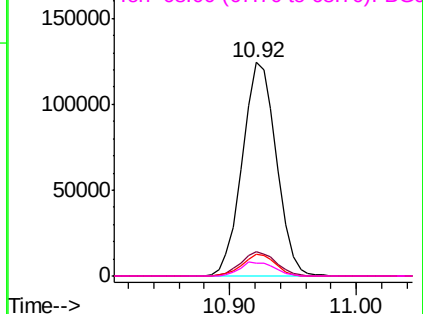
137 11.1 9.6 14.4

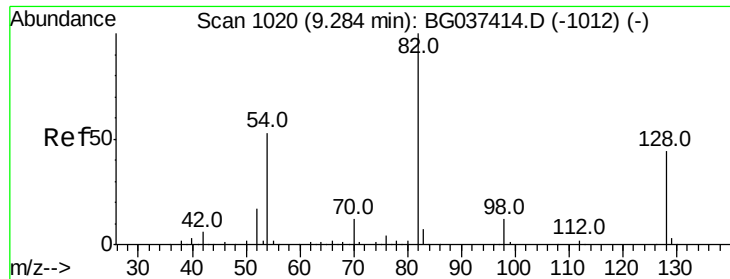
54 10.4 7.9 11.9

68 6.0 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

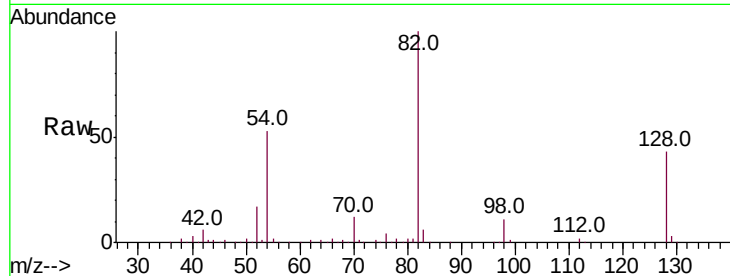




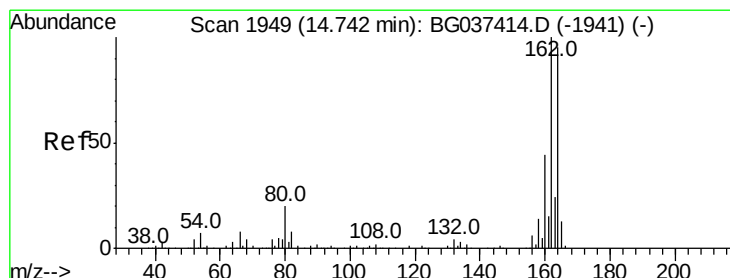
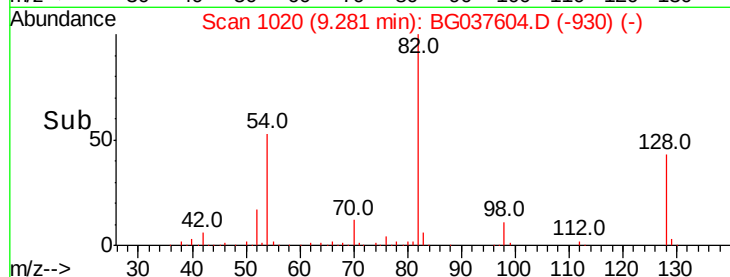
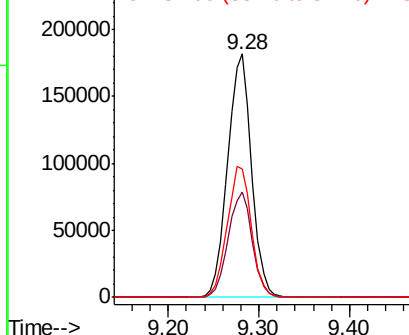
#23
Nitrobenzene-d5
Concen: 80.685 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion	82	Resp	333499
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	52.6	45.3	67.9

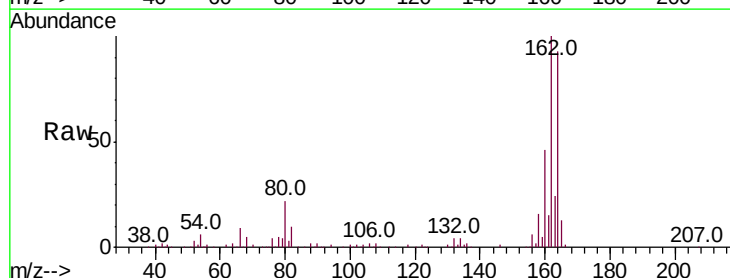


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

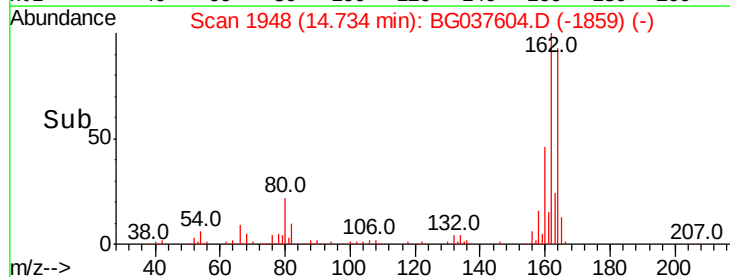
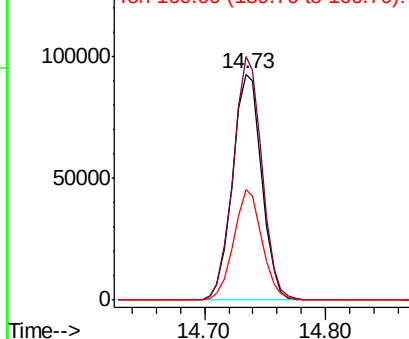


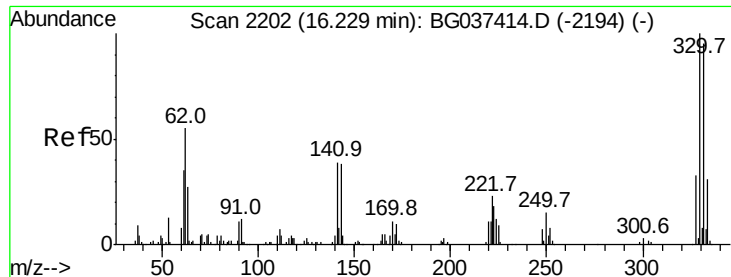
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

Tgt Ion	164	Resp	156487
Ion	Ratio	Lower	Upper
164	100		
162	107.7	81.3	121.9
160	49.1	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: 93.100 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037604.D

Acq: 27 Oct 2018 6:15

Instrument :

BNA_G

ClientSampleId :

TP-5

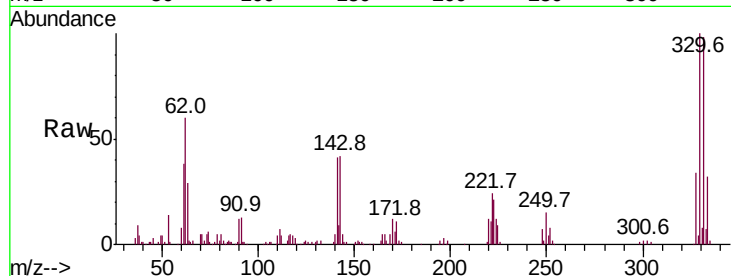
Tot Ion:330 Resp: 158902

Ion Ratio Lower Upper

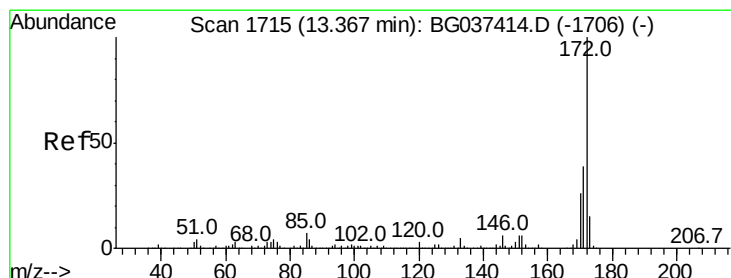
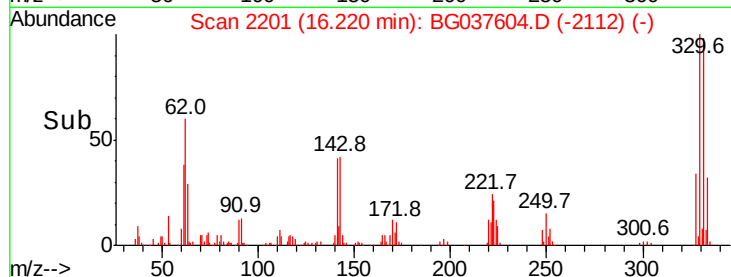
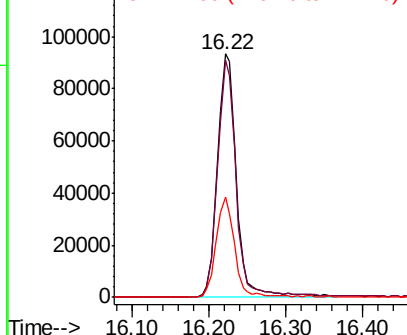
330 100

332 94.3 78.4 117.6

141 39.5 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: 77.414 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037604.D

Acq: 27 Oct 2018 6:15

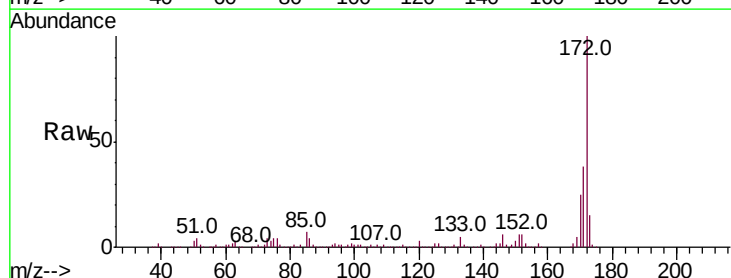
Tgt Ion:172 Resp: 803361

Ion Ratio Lower Upper

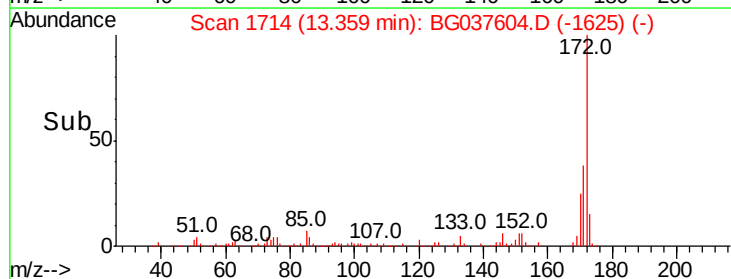
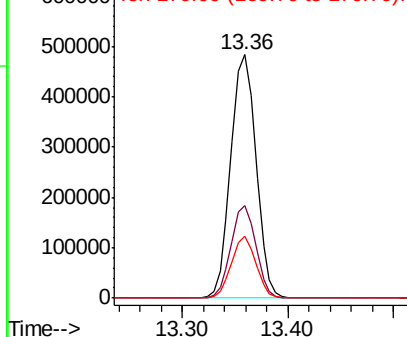
172 100

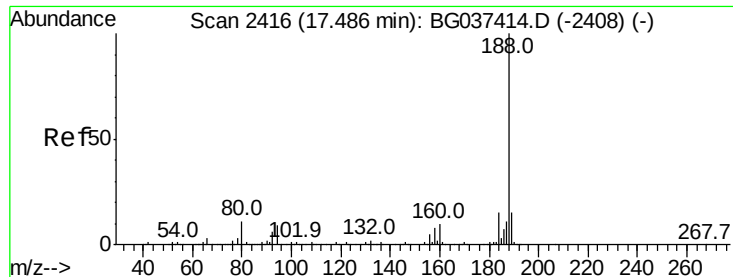
171 38.1 31.0 46.4

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

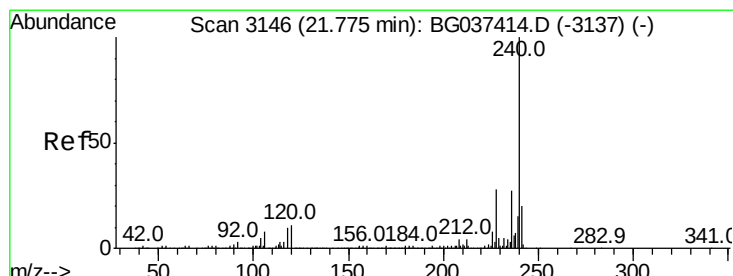
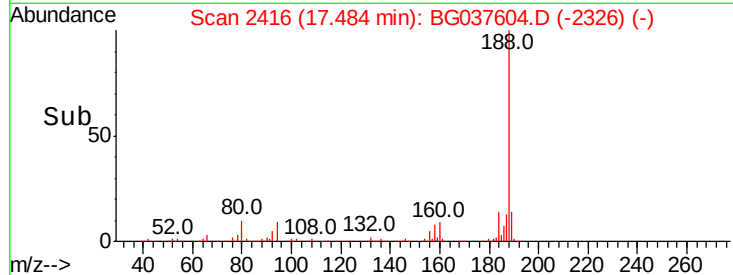
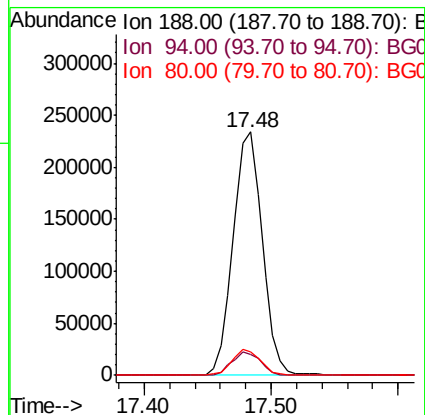
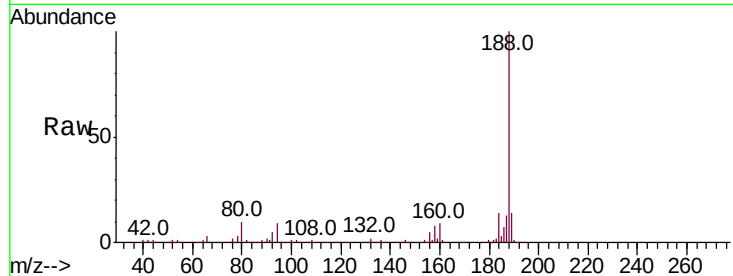




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

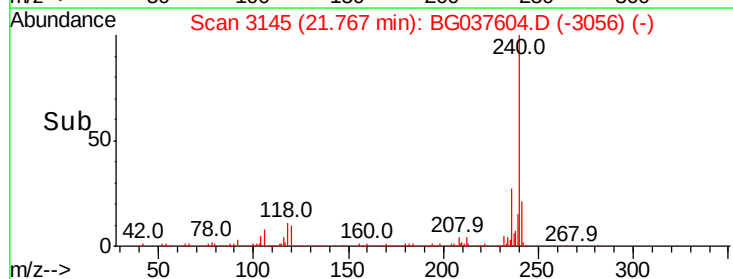
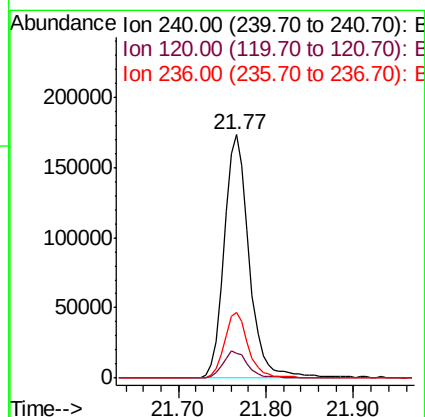
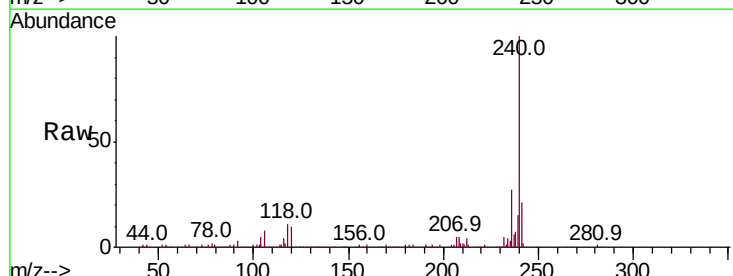
Instrument :
BNA_G
ClientSampleId :
TP-5

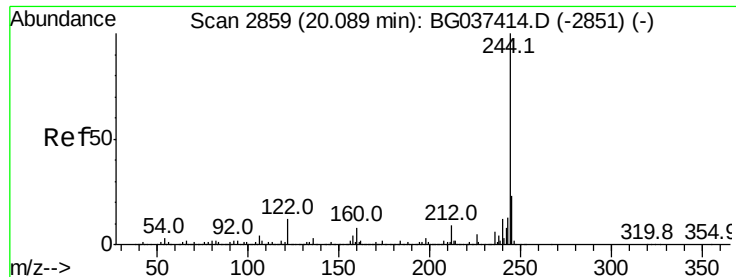
Tot Ion:188 Resp: 372607
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

Tgt Ion:240 Resp: 339991
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 27.2 21.4 32.0





#79

Terphenyl-d14

Concen: 78.250 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037604.D

Acq: 27 Oct 2018 6:15

Instrument :

BNA_G

ClientSampleId :

TP-5

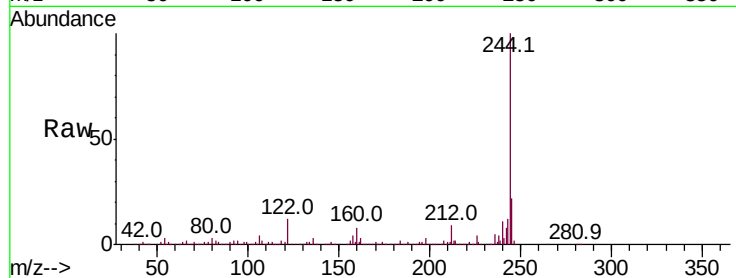
Tot Ion:244 Resp: 1245076

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

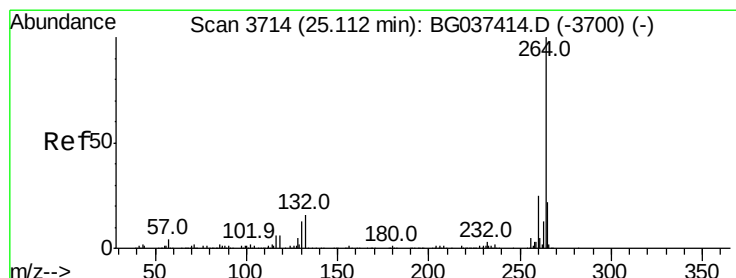
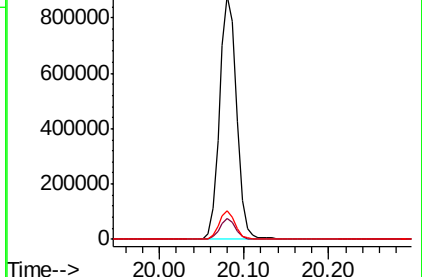
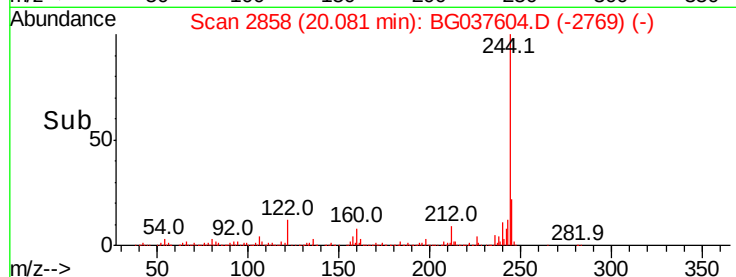
122 11.6 9.0 13.4



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: BG037604.D

Acq: 27 Oct 2018 6:15

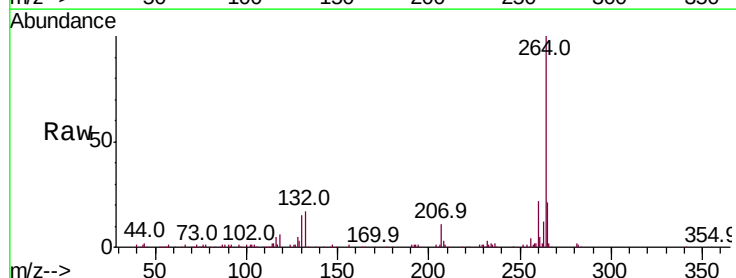
Tgt Ion:264 Resp: 303316

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

265 20.8 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

