

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037961.D
 Acq On : 13 Nov 2018 2:00
 Operator : JU/SJ
 Sample : J5766-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-110918

Quant Time: Nov 13 06:31:13 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	51981	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	235016	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	155578	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	340567	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	291041	20.00	ng	-0.02
87) Perylene-d12	25.08	264	221135	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	328776	105.74	ng	-0.01
7) Phenol-d6	7.24	99	430155	91.49	ng	-0.01
23) Nitrobenzene-d5	9.27	82	329300	78.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	153621	90.53	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	793332	76.89	ng	-0.02
79) Terphenyl-d14	20.07	244	1140924	83.76	ng	-0.02

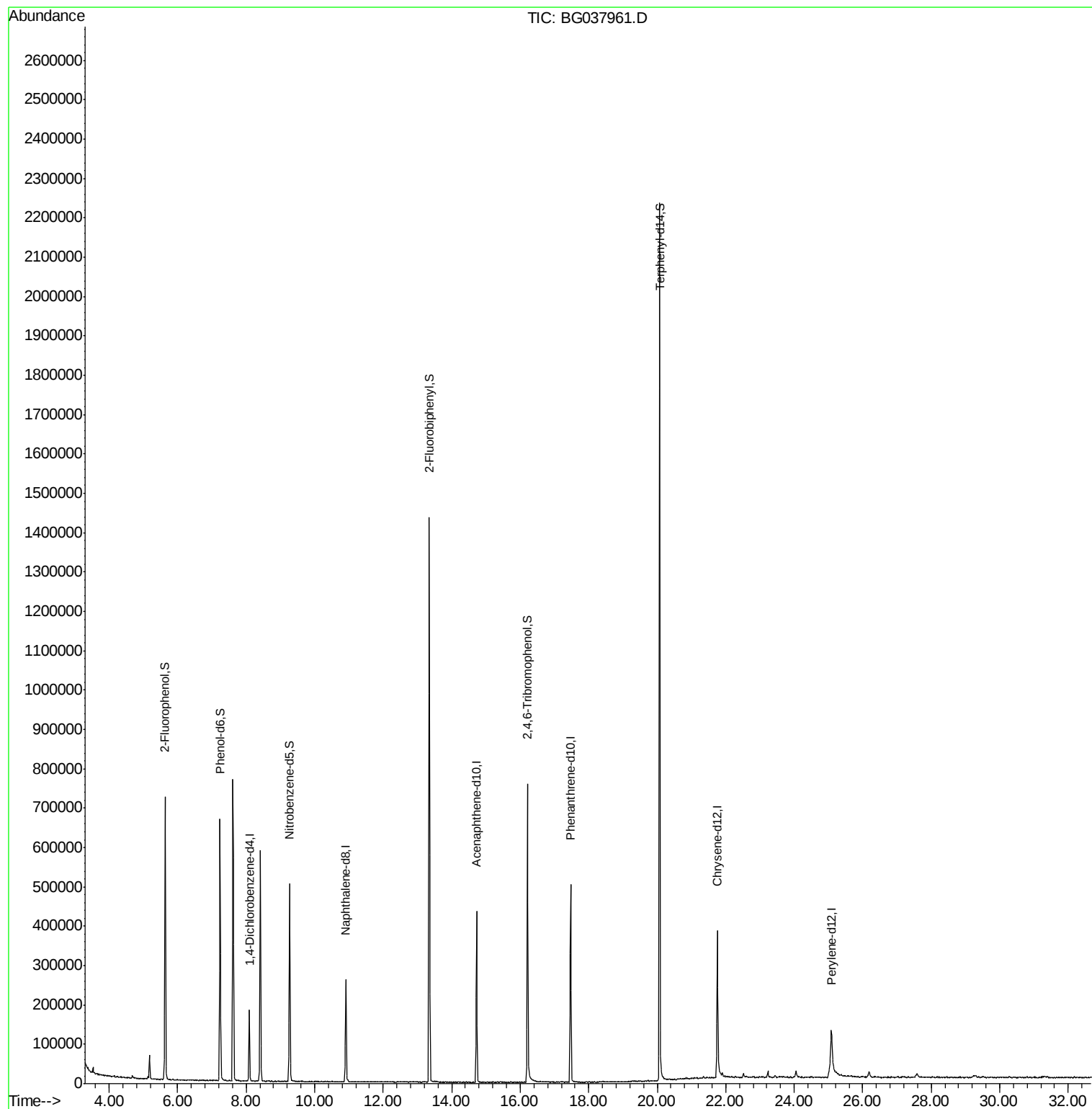
Target Compounds Qvalue

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

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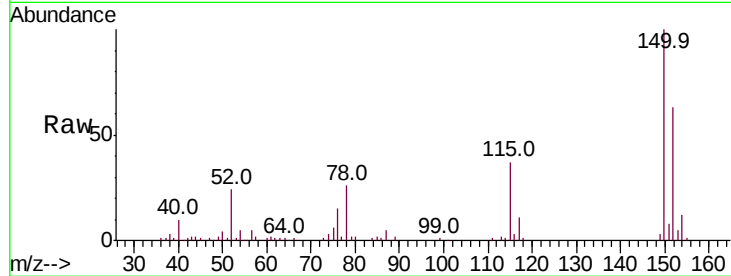


#1

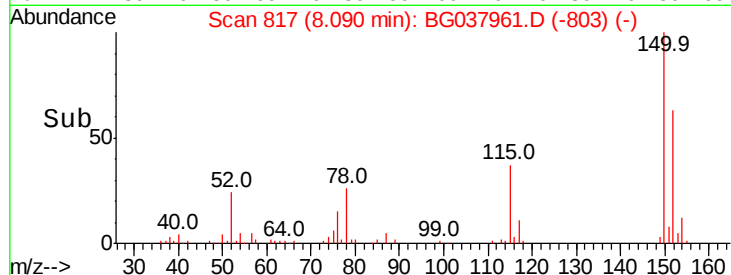
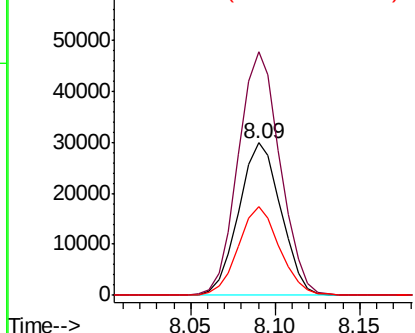
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037961.D
Acq: 13 Nov 2018 2:00

Instrument :
BNA_G
ClientSampleId :
HD-01-110918

Tot Ion:152 Resp: 51981
Ion Ratio Lower Upper
152 100
150 159.7 126.0 189.0
115 58.4 45.5 68.3



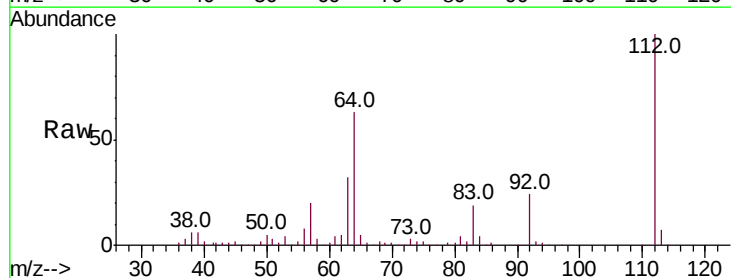
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



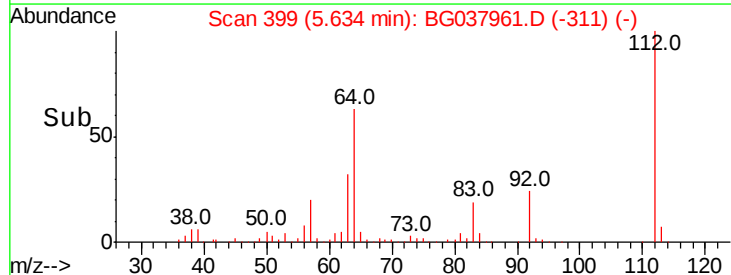
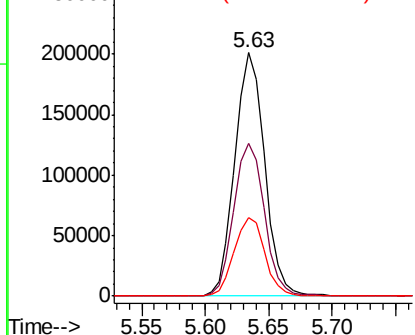
#5

2-Fluorophenol
Concen: 105.743 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037961.D
Acq: 13 Nov 2018 2:00

Tgt Ion:112 Resp: 328776
Ion Ratio Lower Upper
112 100
64 62.8 53.1 79.7
63 32.3 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: 91.494 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037961.D

Acq: 13 Nov 2018 2:00

Instrument :

BNA_G

ClientSampleId :

HD-01-110918

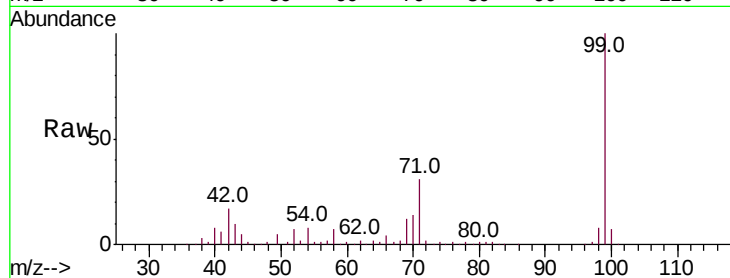
Tot Ion: 99 Resp: 430155

Ion Ratio Lower Upper

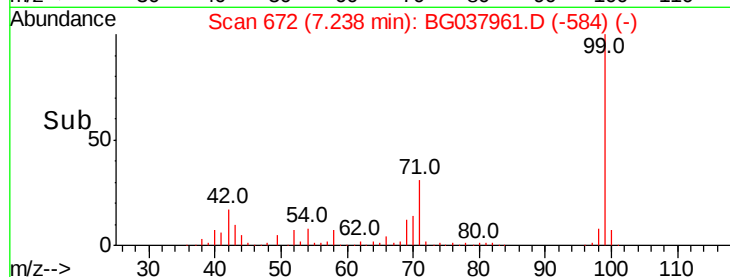
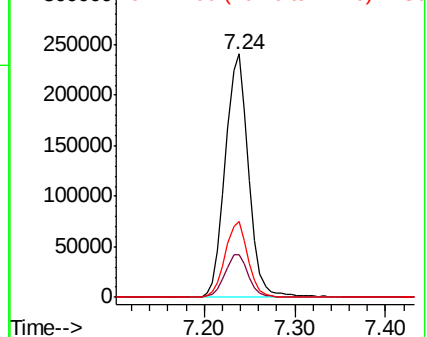
99 100

42 17.4 15.0 22.4

71 31.0 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: BG037961.D

Acq: 13 Nov 2018 2:00

Tgt Ion: 136 Resp: 235016

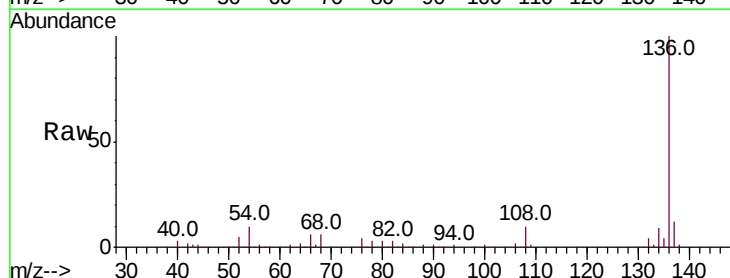
Ion Ratio Lower Upper

136 100

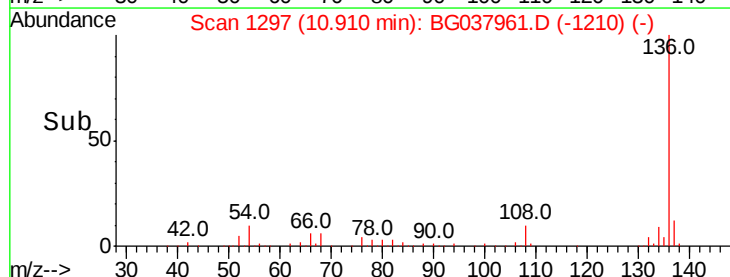
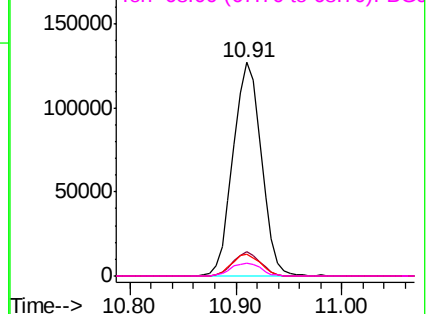
137 11.6 9.6 14.4

54 10.1 7.9 11.9

68 5.8 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

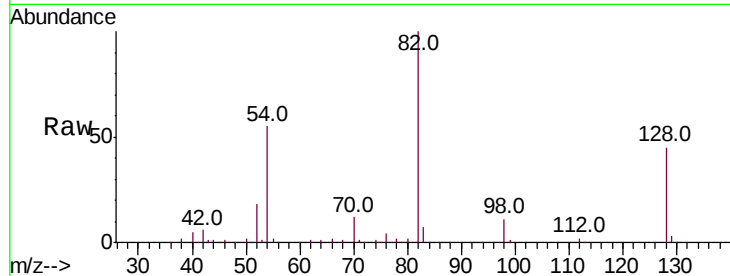




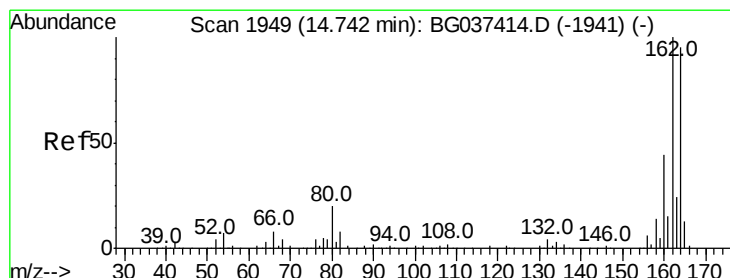
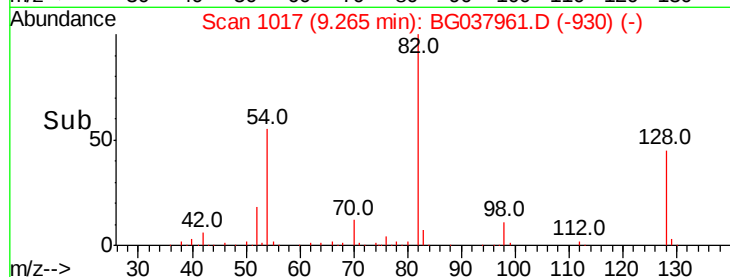
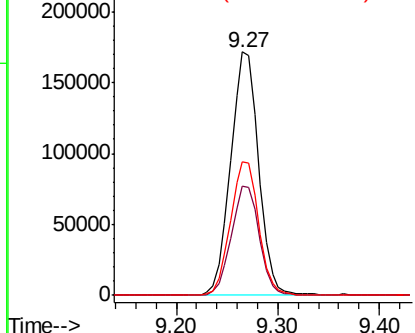
#23
Nitrobenzene-d5
Concen: 78.493 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037961.D
Acq: 13 Nov 2018 2:00

Instrument :
BNA_G
ClientSampleId :
HD-01-110918

Tot Ion: 82 Resp: 329300
Ion Ratio Lower Upper
82 100
128 44.9 34.6 51.8
54 55.0 45.3 67.9

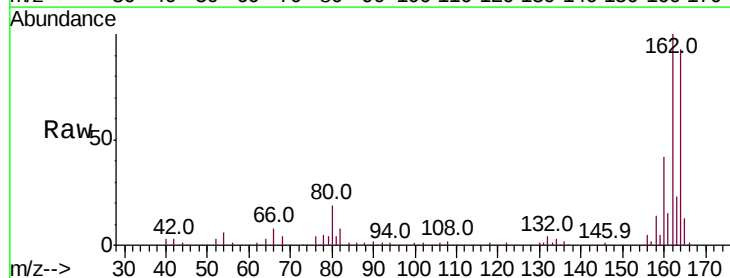


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

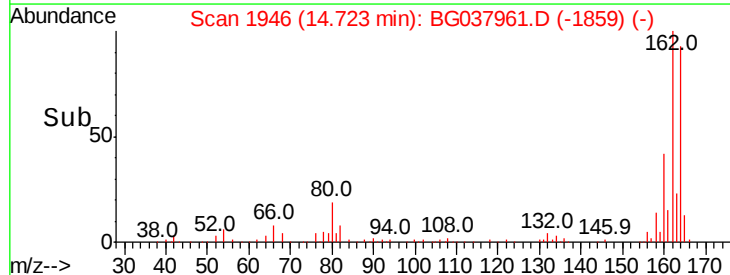
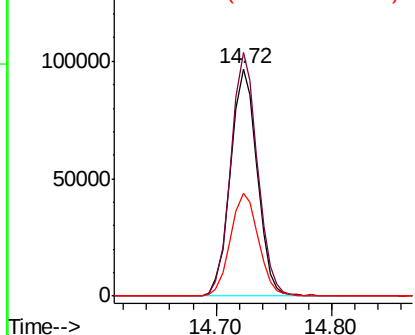


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037961.D
Acq: 13 Nov 2018 2:00

Tgt Ion:164 Resp: 155578
Ion Ratio Lower Upper
164 100
162 107.1 81.3 121.9
160 45.1 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: 90.532 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037961.D

Acq: 13 Nov 2018 2:00

Instrument :

BNA_G

ClientSampleId :

HD-01-110918

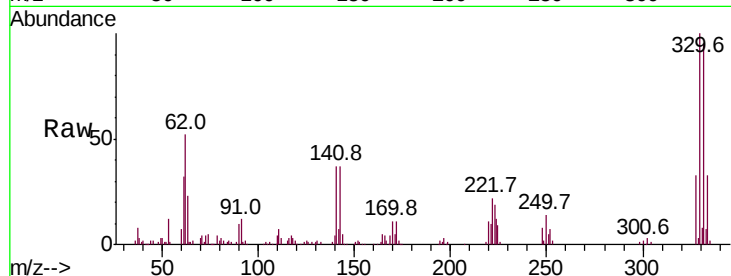
Tot Ion:330 Resp: 153621

Ion Ratio Lower Upper

330 100

332 93.1 78.4 117.6

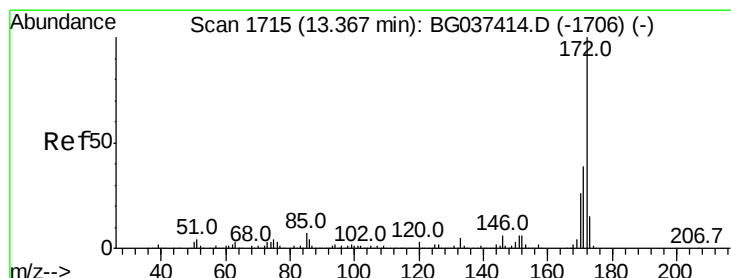
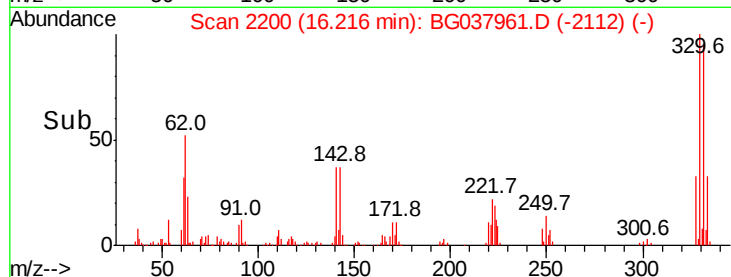
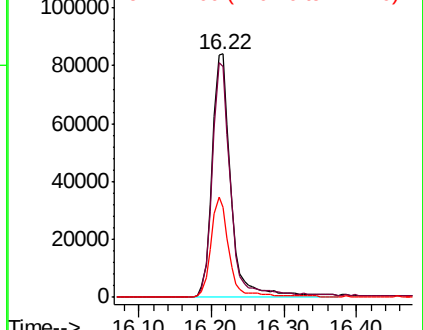
141 38.9 32.2 48.2



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: 76.894 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037961.D

Acq: 13 Nov 2018 2:00

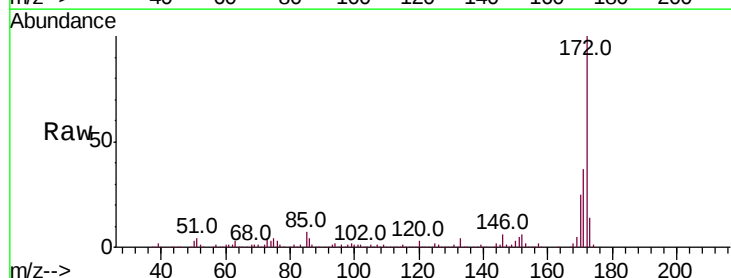
Tgt Ion:172 Resp: 793332

Ion Ratio Lower Upper

172 100

171 37.5 31.0 46.4

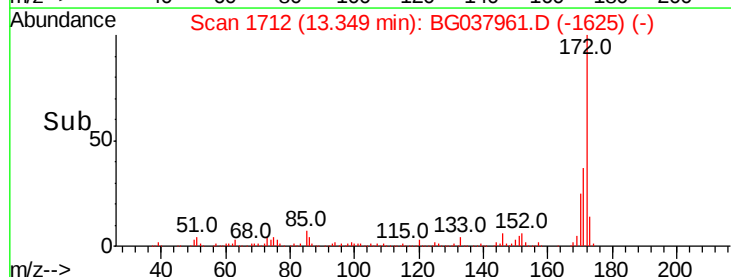
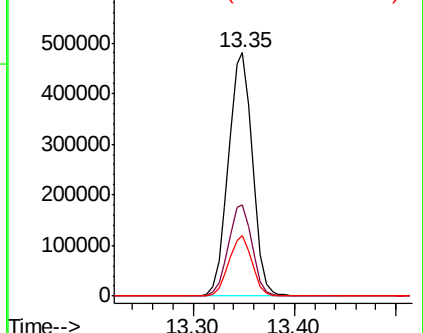
170 24.8 20.2 30.2



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

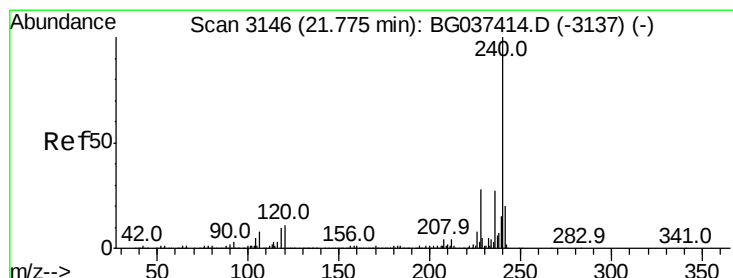
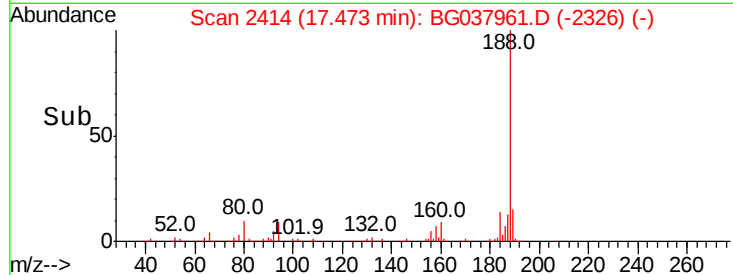
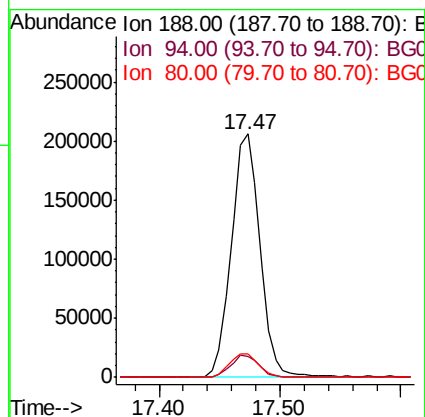
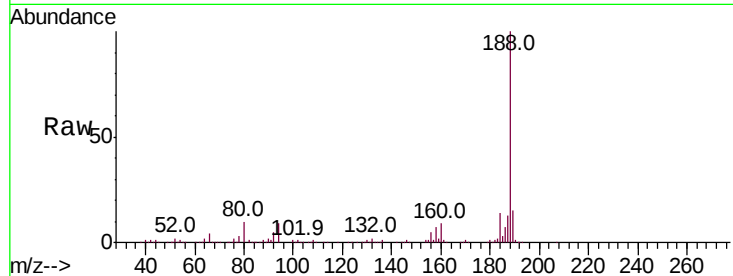




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037961.D
Acq: 13 Nov 2018 2:00

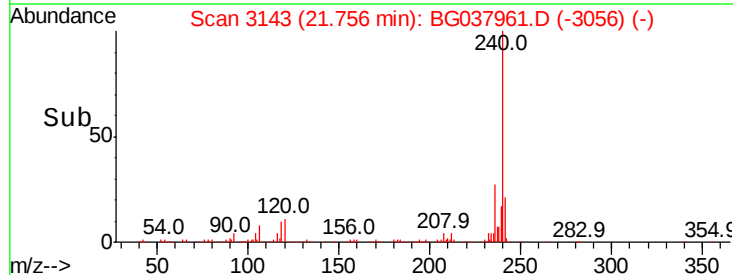
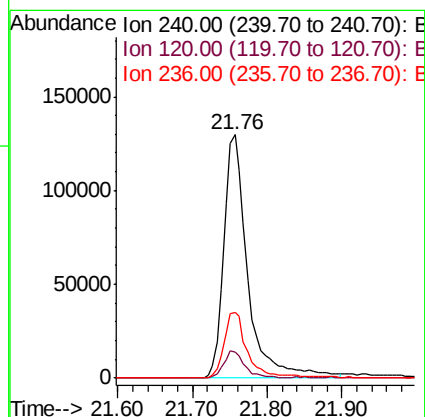
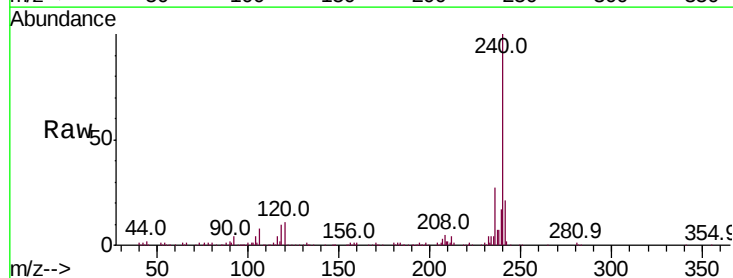
Instrument :
BNA_G
ClientSampleId :
HD-01-110918

Tot Ion:188 Resp: 340567
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.8 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: BG037961.D
Acq: 13 Nov 2018 2:00

Tgt Ion:240 Resp: 291041
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.9 21.4 32.0





#79

Terphenyl-d14

Concen: 83.764 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037961.D

Acq: 13 Nov 2018 2:00

Instrument :

BNA_G

ClientSampleId :

HD-01-110918

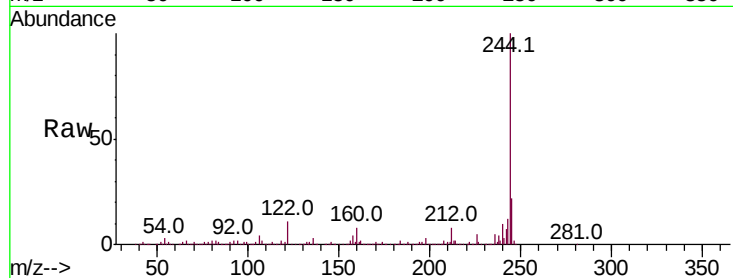
Tot Ion:244 Resp: 1140924

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

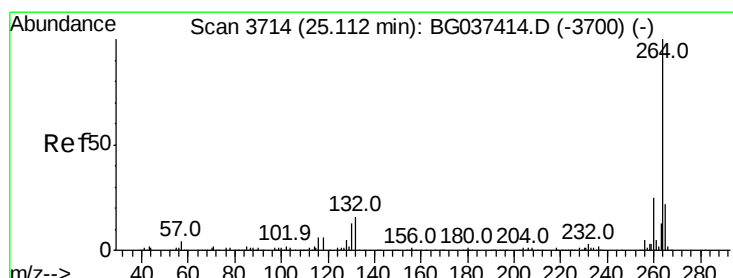
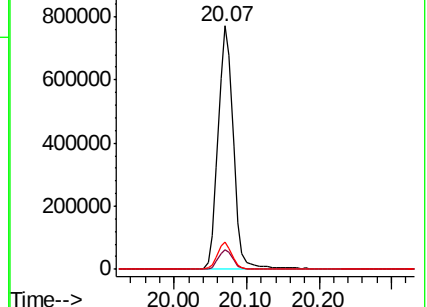
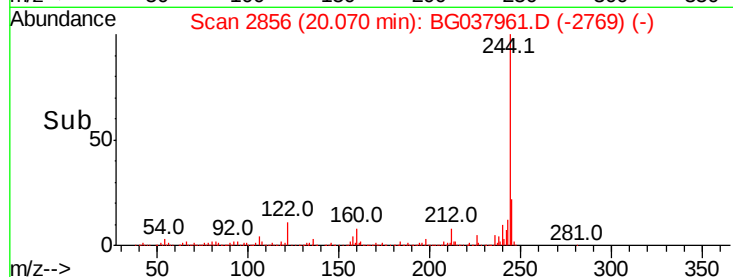
122 11.3 9.0 13.4



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: BG037961.D

Acq: 13 Nov 2018 2:00

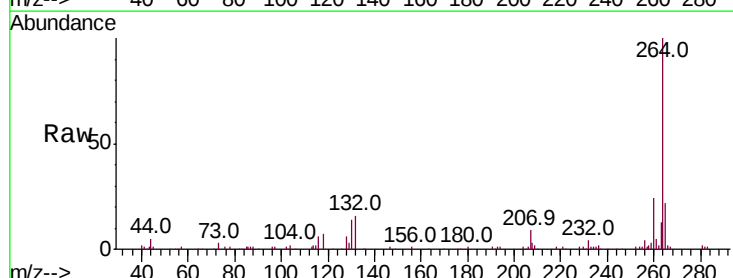
Tgt Ion:264 Resp: 221135

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.9 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

