

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037971.D
 Acq On : 13 Nov 2018 8:33
 Operator : JU/SJ
 Sample : J5904-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 110818-DBRI-F-D-B

Quant Time: Nov 13 11:42:21 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	55772	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	257416	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	169883	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	360985	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	310091	20.00	ng	-0.02
87) Perylene-d12	25.09	264	275124	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	139448	41.80	ng	-0.01
7) Phenol-d6	7.23	99	122776	24.34	ng	-0.02
23) Nitrobenzene-d5	9.27	82	458246	99.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	155305	83.82	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1079587	95.83	ng	-0.02
79) Terphenyl-d14	20.07	244	1290070	88.90	ng	-0.02

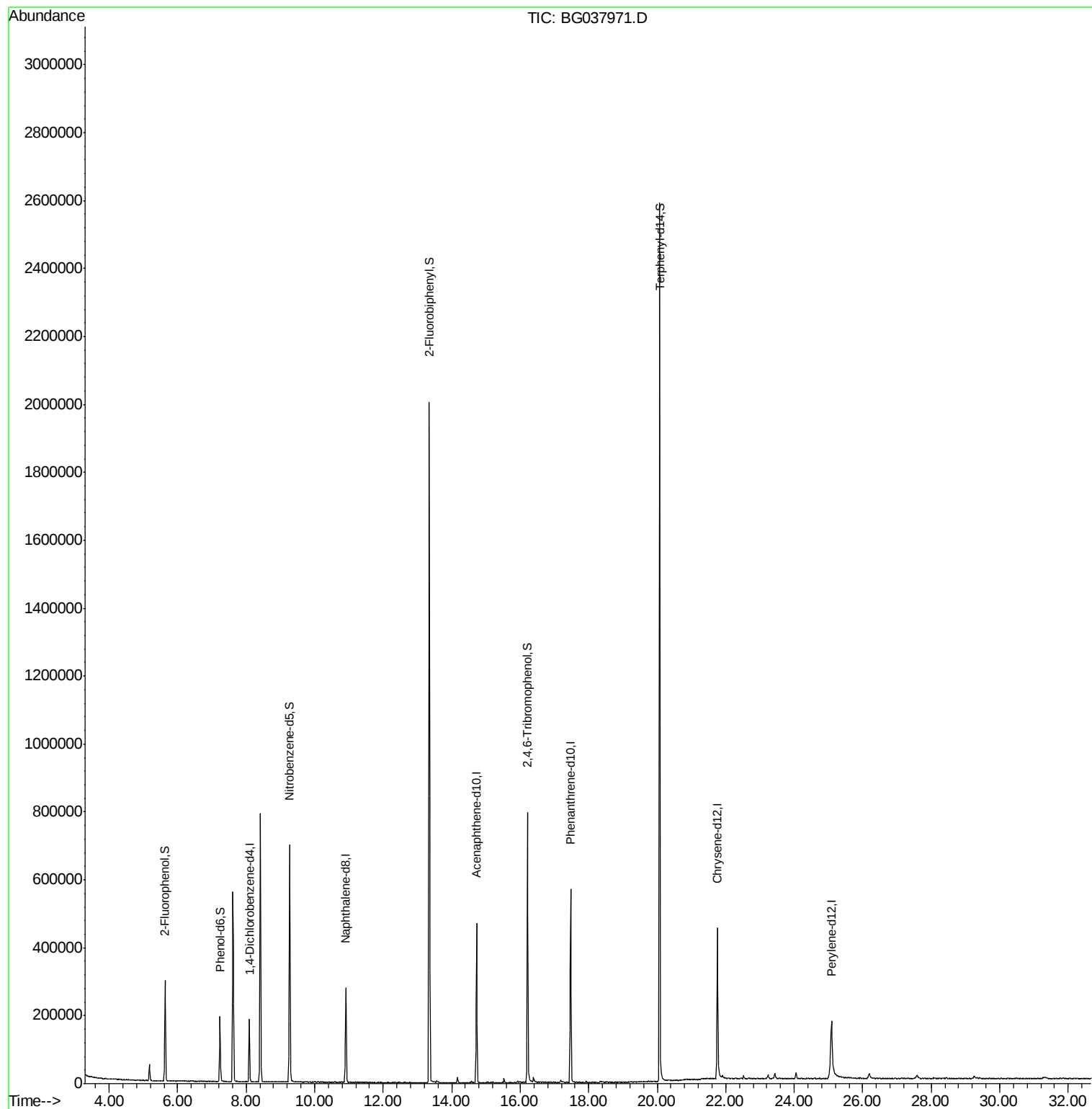
Target Compounds Qvalue

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

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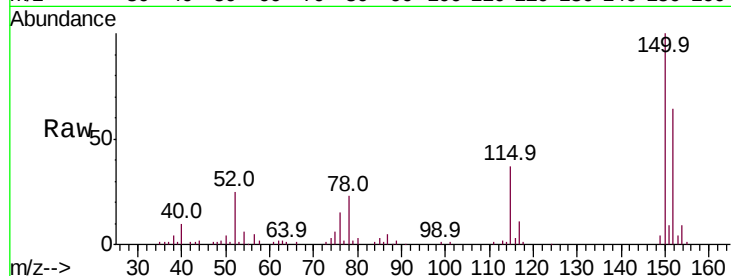


#1

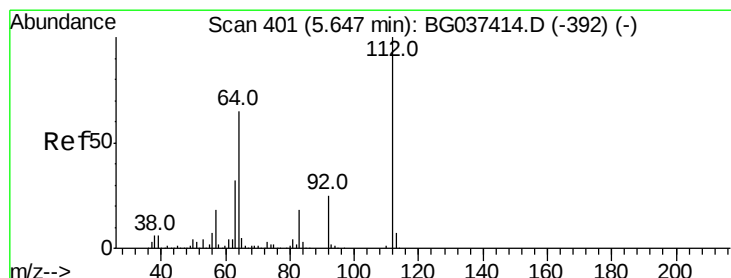
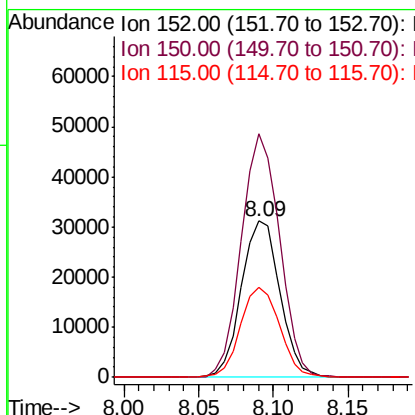
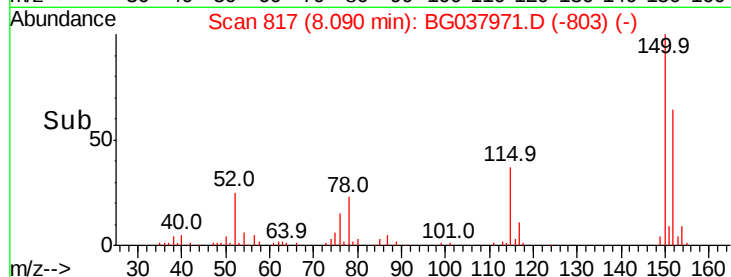
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG037971.D
 Acq: 13 Nov 2018 8:33

Instrument :
 BNA_G
 ClientSampleId :
 110818-DBRI-F-D-B

Tot Ion:152 Resp: 55772
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.0 189.0
 115 57.9 45.5 68.3



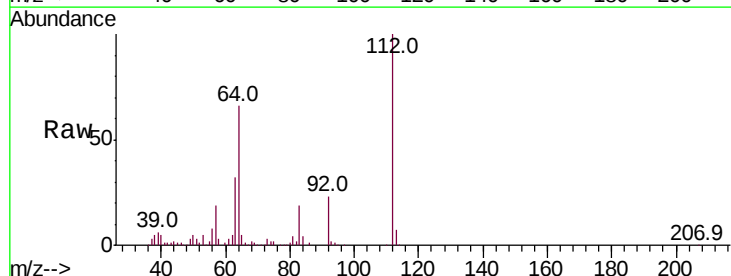
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



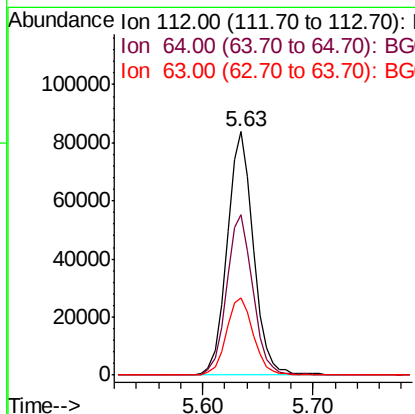
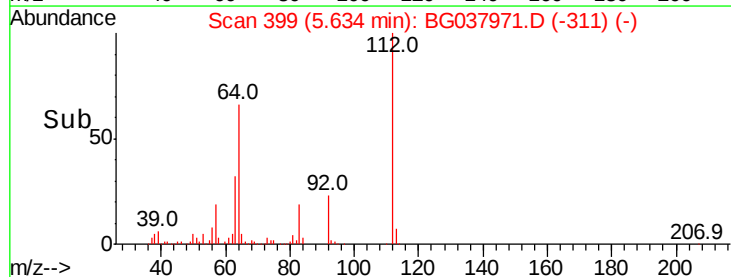
#5

2-Fluorophenol
 Concen: 41.802 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037971.D
 Acq: 13 Nov 2018 8:33

Tgt Ion:112 Resp: 139448
 Ion Ratio Lower Upper
 112 100
 64 65.8 53.1 79.7
 63 31.5 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: 24.339 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037971.D

Acq: 13 Nov 2018 8:33

Instrument :

BNA_G

ClientSampleId :

110818-DBRI-F-D-B

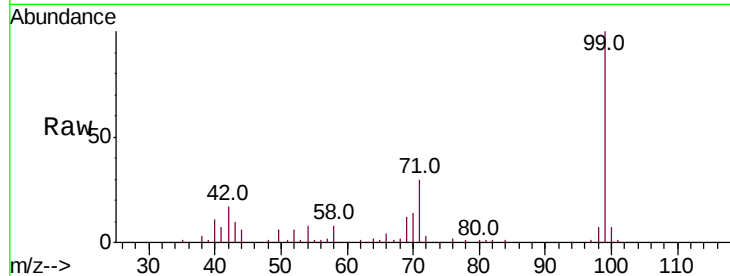
Tot Ion: 99 Resp: 122776

Ion Ratio Lower Upper

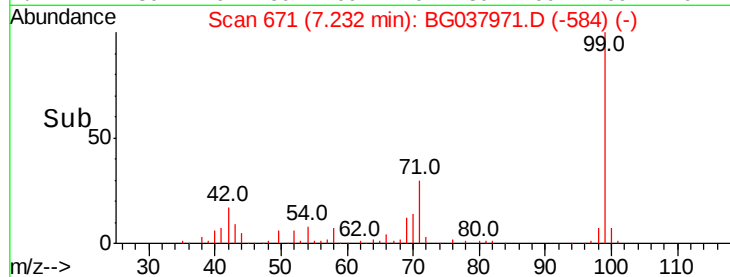
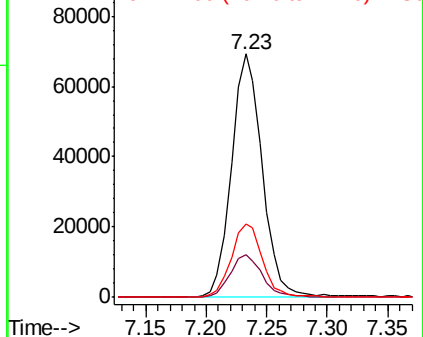
99 100

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: BG037971.D

Acq: 13 Nov 2018 8:33

Tgt Ion: 136 Resp: 257416

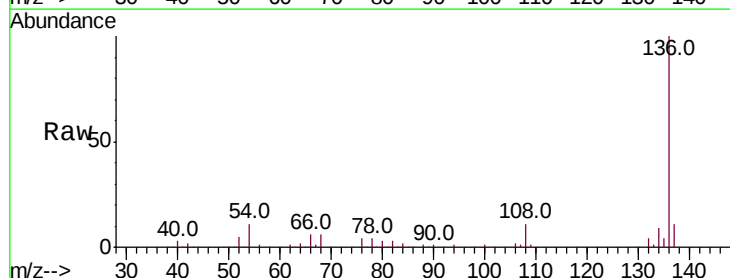
Ion Ratio Lower Upper

136 100

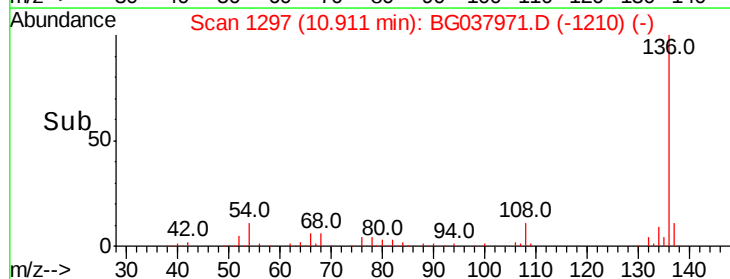
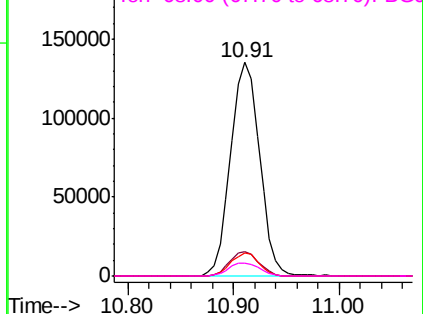
137 11.3 9.6 14.4

54 10.5 7.9 11.9

68 6.2 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: 99.724 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037971.D

Acq: 13 Nov 2018 8:33

Instrument :

BNA_G

ClientSampleId :

110818-DBRI-F-D-B

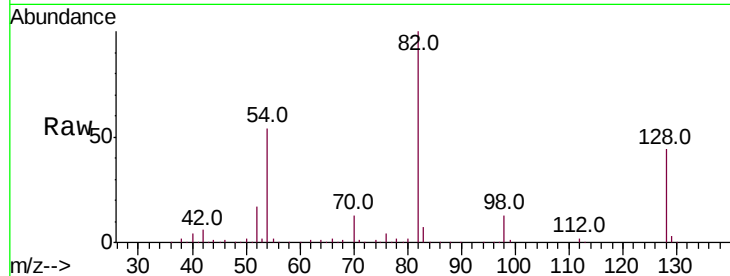
Tot Ion: 82 Resp: 458246

Ion Ratio Lower Upper

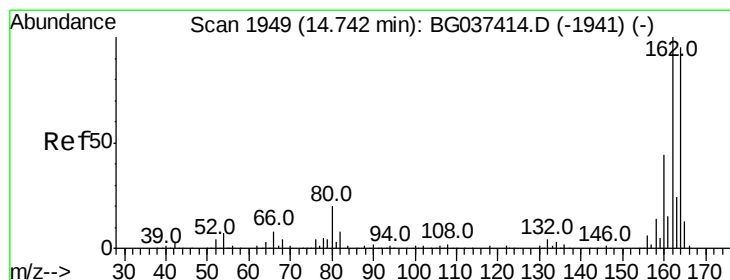
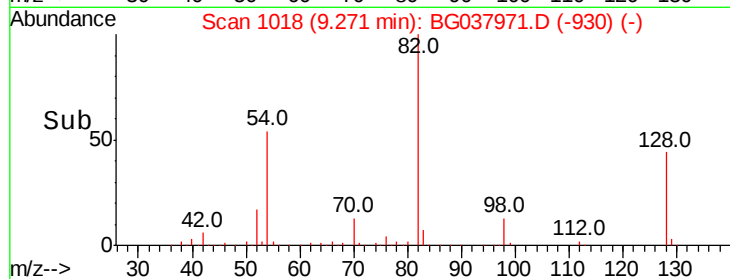
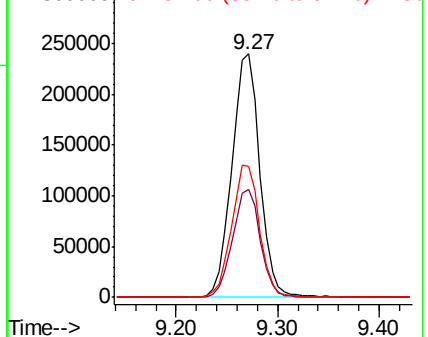
82 100

128 44.2 34.6 51.8

54 53.8 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: BG037971.D

Acq: 13 Nov 2018 8:33

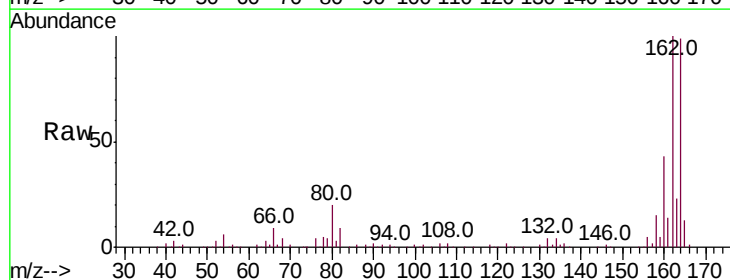
Tgt Ion: 164 Resp: 169883

Ion Ratio Lower Upper

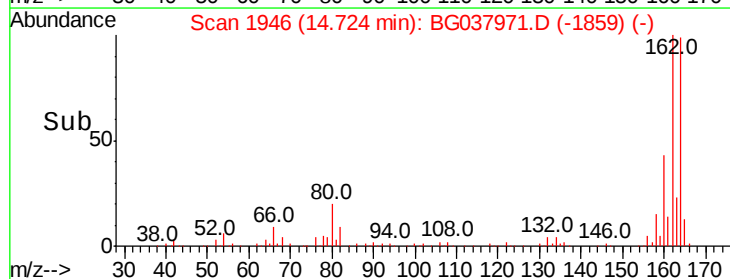
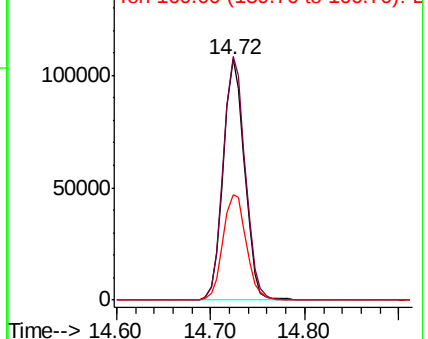
164 100

162 101.1 81.3 121.9

160 43.9 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

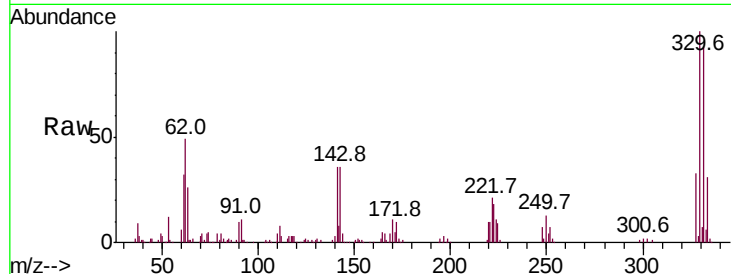




#42
 2,4,6-Tribromophenol
 Concen: 83.817 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037971.D
 Acq: 13 Nov 2018 8:33

Instrument :
 BNA_G
 ClientSampleId :
 110818-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	78.4	117.6
141	39.7	32.2	48.2

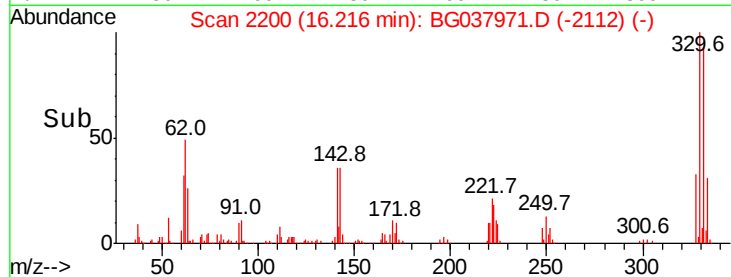
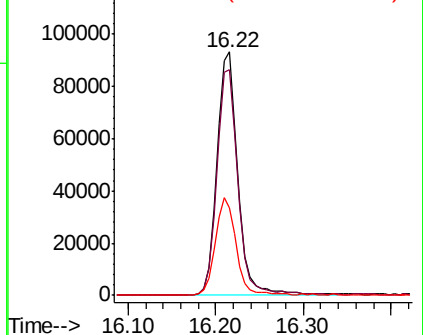


Abundance

Ion 329.80 (329.50 to 330.50): E

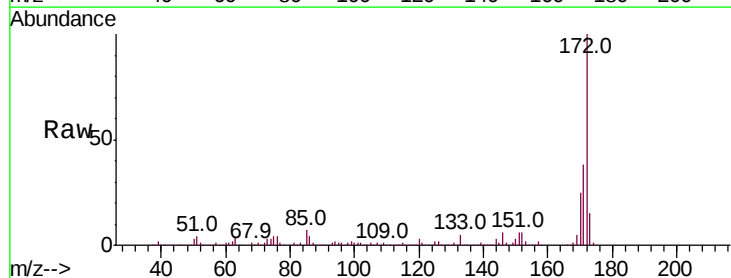
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.828 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037971.D
 Acq: 13 Nov 2018 8:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.3	20.2	30.2

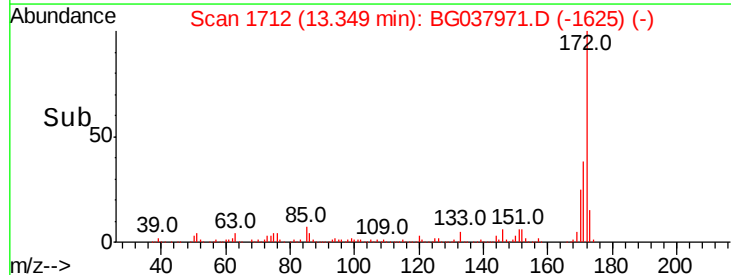
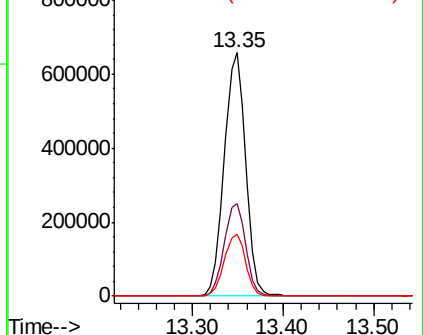


Abundance

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

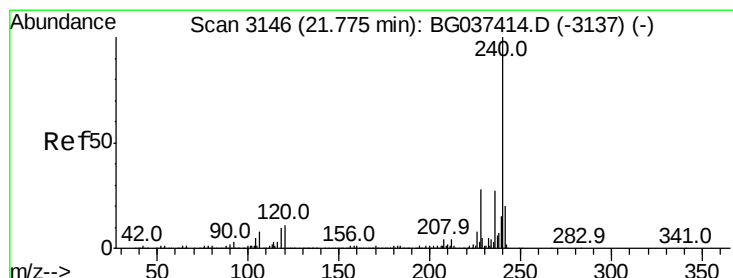
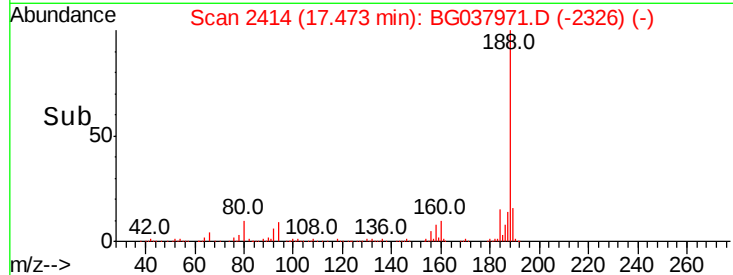
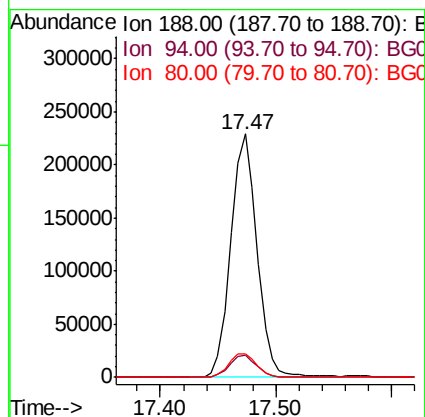
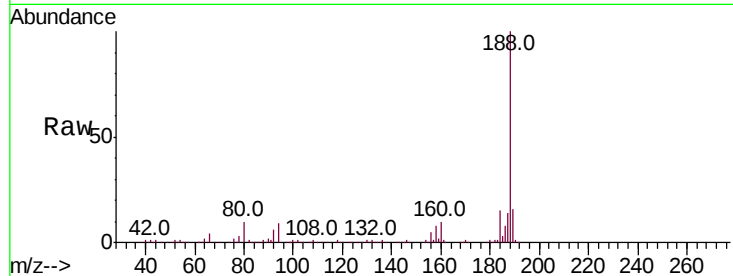




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037971.D
Acq: 13 Nov 2018 8:33

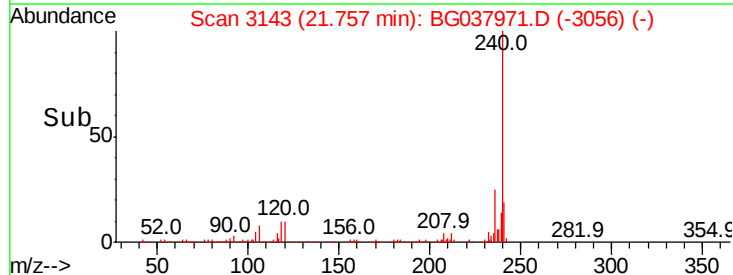
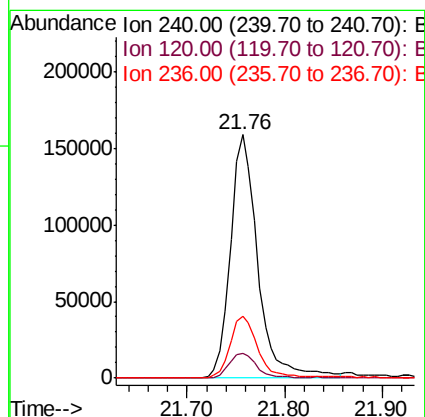
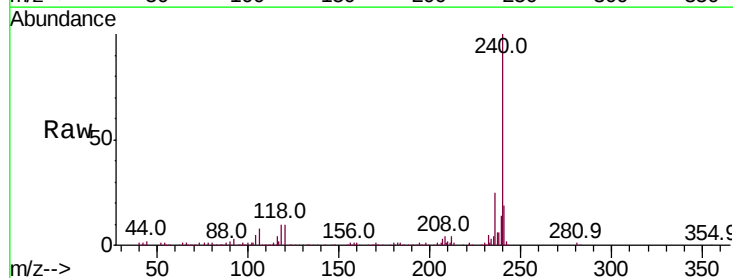
Instrument :
BNA_G
ClientSampleId :
110818-DBRI-F-D-B

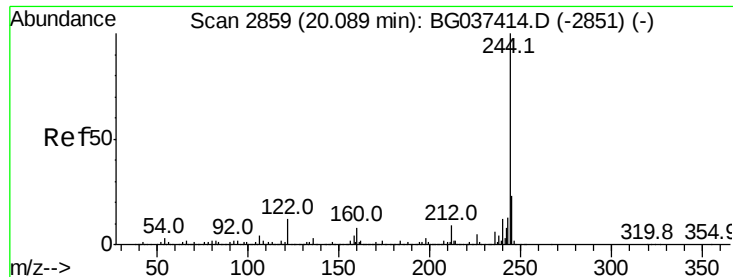
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.6	7.7	11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037971.D
Acq: 13 Nov 2018 8:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	25.3	21.4	32.0





#79

Terphenyl-d14

Concen: 88.896 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037971.D

Acq: 13 Nov 2018 8:33

Instrument :

BNA_G

ClientSampleId :

110818-DBRI-F-D-B

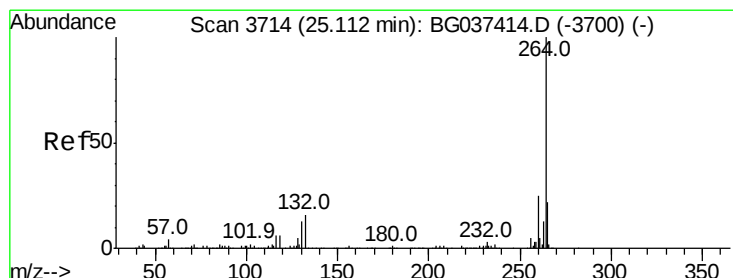
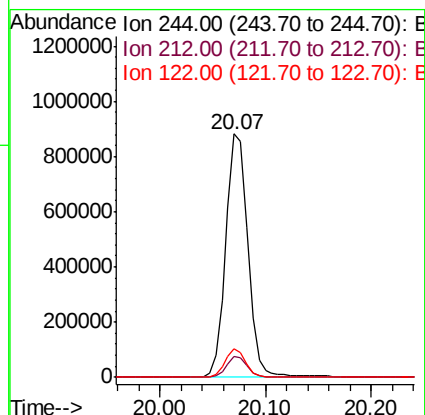
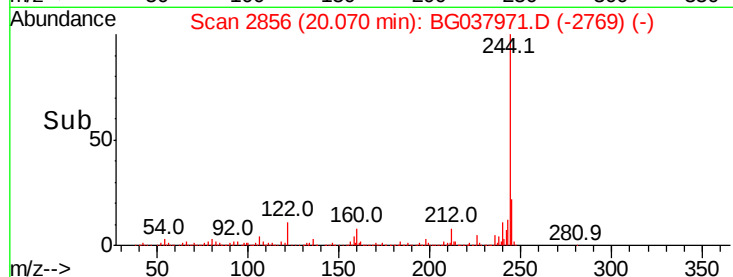
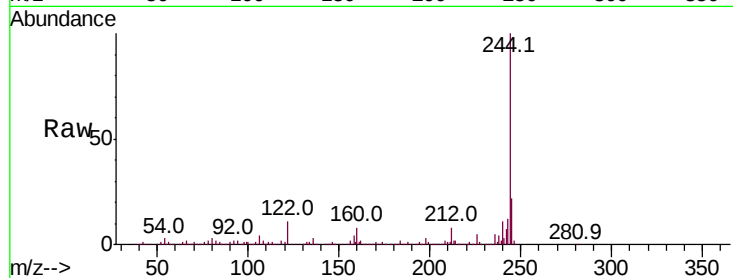
Tot Ion:244 Resp: 1290070

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 11.5 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG037971.D

Acq: 13 Nov 2018 8:33

Tgt Ion:264 Resp: 275124

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 20.1 17.9 26.9

