

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037830.D
 Acq On : 6 Nov 2018 8:58
 Operator : JU/SJ
 Sample : J5764-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-110218-F

Quant Time: Nov 06 10:20:49 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	51830	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	228861	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	148842	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	329734	20.00	ng	0.00
76) Chrysene-d12	21.76	240	288832	20.00	ng	-0.02
87) Perylene-d12	25.10	264	243092	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	334541	107.91	ng	0.00
7) Phenol-d6	7.24	99	425768	90.82	ng	0.00
23) Nitrobenzene-d5	9.27	82	337733	82.67	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	159048	97.97	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	832132	84.30	ng	-0.02
79) Terphenyl-d14	20.07	244	1194991	88.40	ng	-0.02

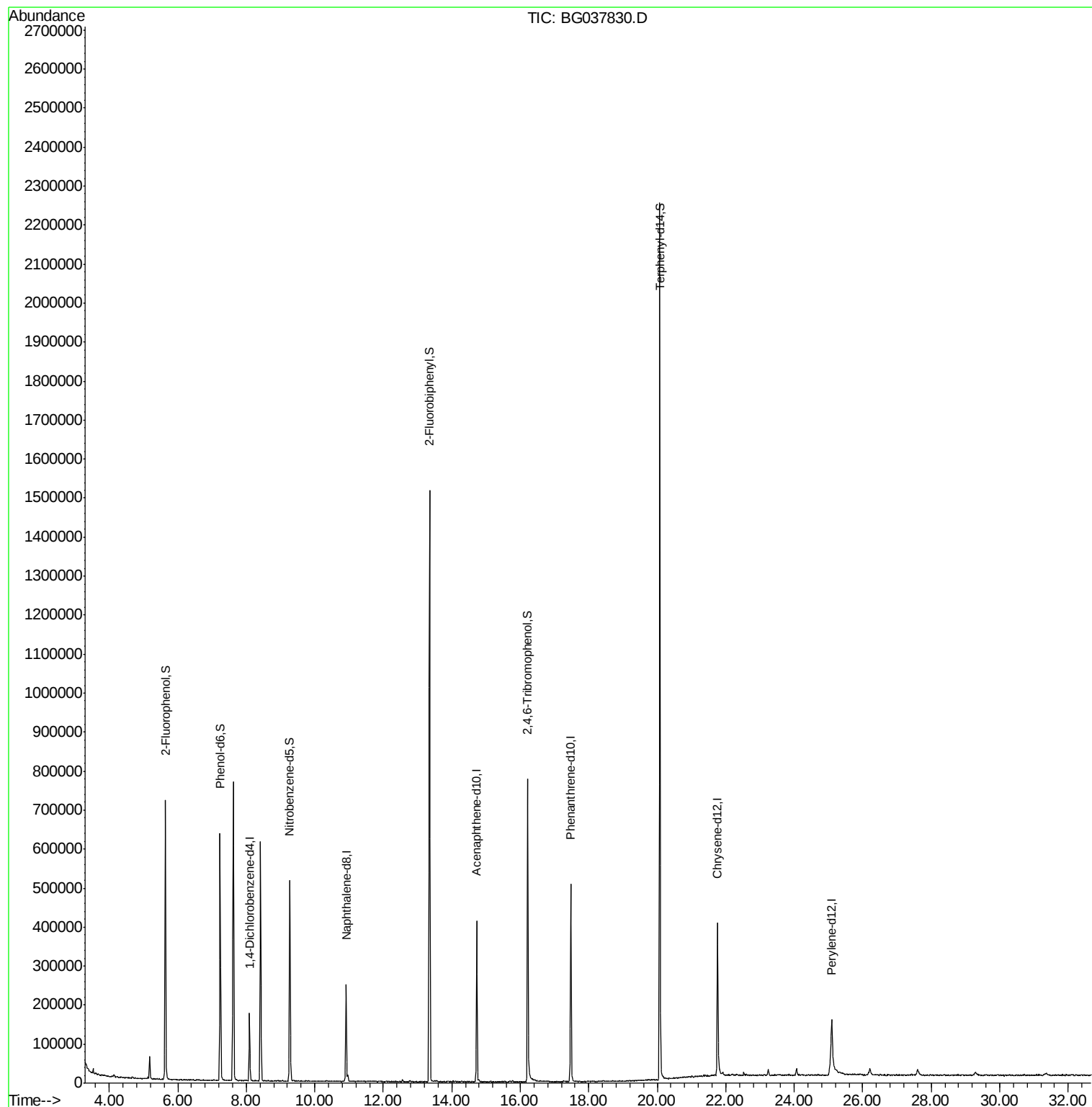
Target Compounds Qvalue

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

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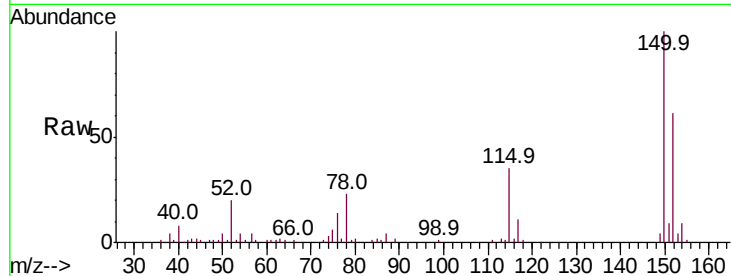


#1

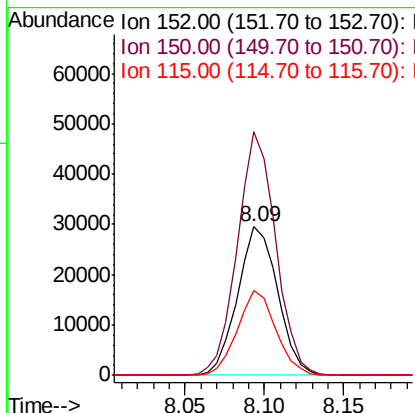
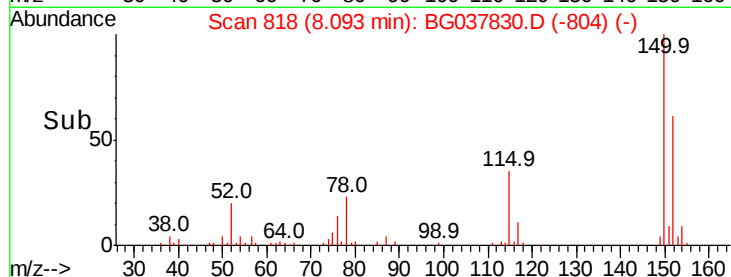
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037830.D
Acq: 6 Nov 2018 8:58

Instrument :
BNA_G
ClientSampleId :
JC-03-110218-F

Tot Ion:152 Resp: 51830
Ion Ratio Lower Upper
152 100
150 163.7 126.0 189.0
115 56.8 45.5 68.3



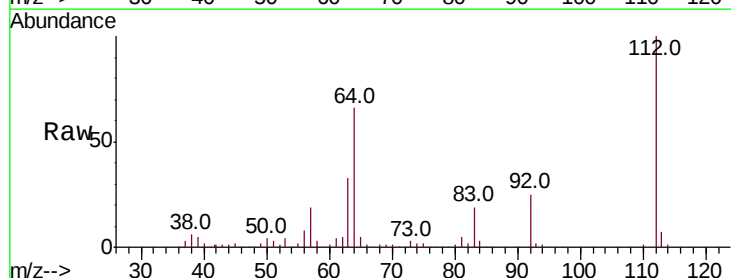
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



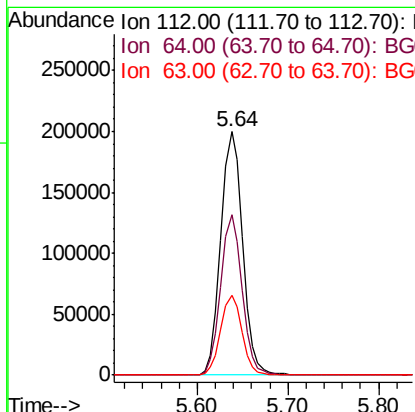
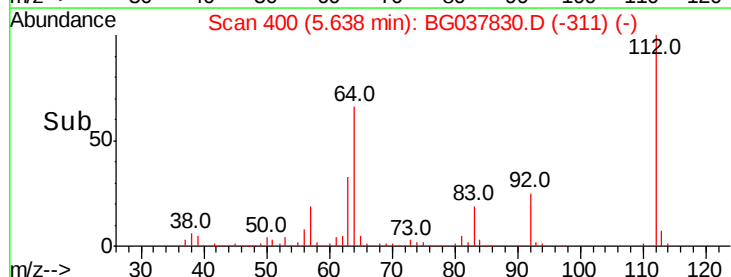
#5

2-Fluorophenol
Concen: 107.911 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037830.D
Acq: 6 Nov 2018 8:58

Tgt Ion:112 Resp: 334541
Ion Ratio Lower Upper
112 100
64 65.9 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 90.824 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037830.D

Acq: 6 Nov 2018 8:58

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-F

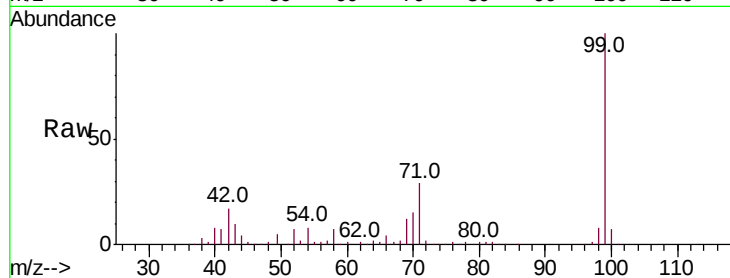
Tot Ion: 99 Resp: 425768

Ion Ratio Lower Upper

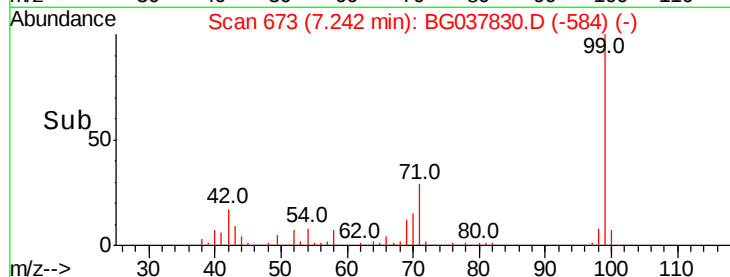
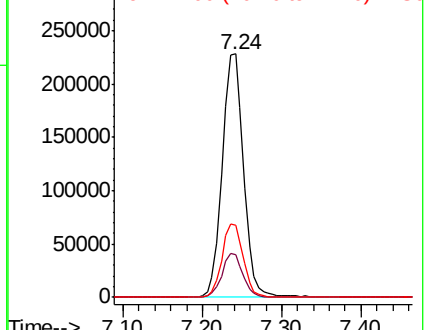
99 100

42 17.3 15.0 22.4

71 29.5 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: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037830.D

Acq: 6 Nov 2018 8:58

Tgt Ion: 136 Resp: 228861

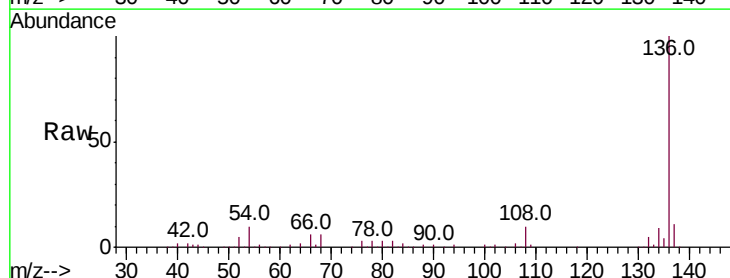
Ion Ratio Lower Upper

136 100

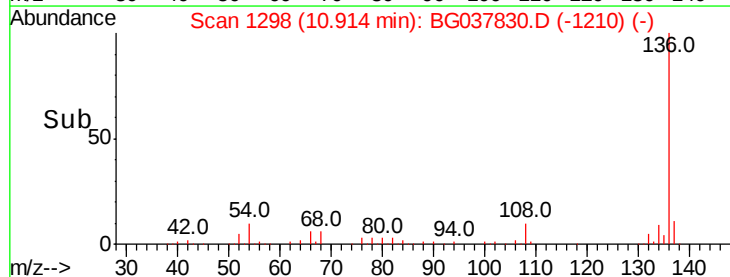
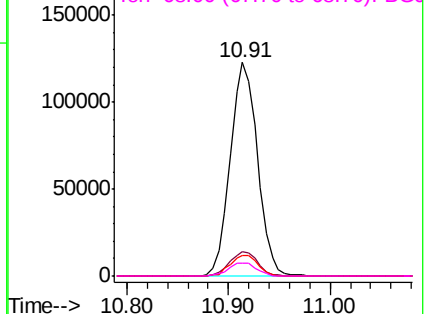
137 11.2 9.6 14.4

54 9.6 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: 82.668 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BG037830.D

Acq: 6 Nov 2018 8:58

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-F

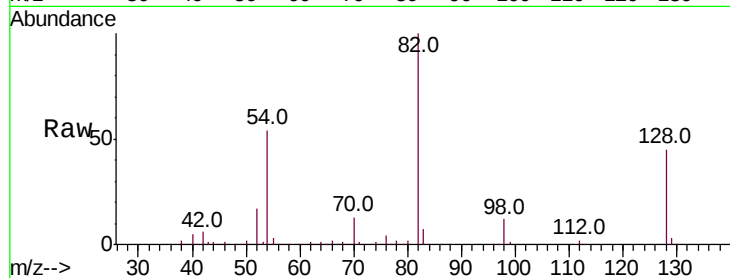
Tot Ion: 82 Resp: 337733

Ion Ratio Lower Upper

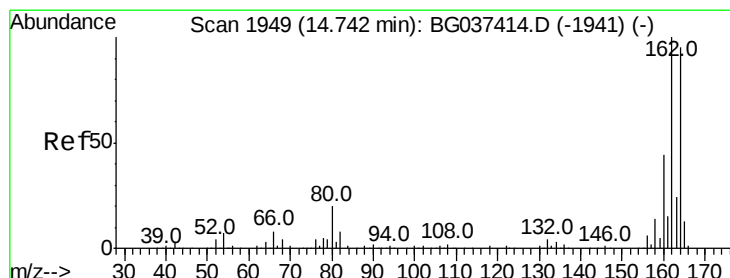
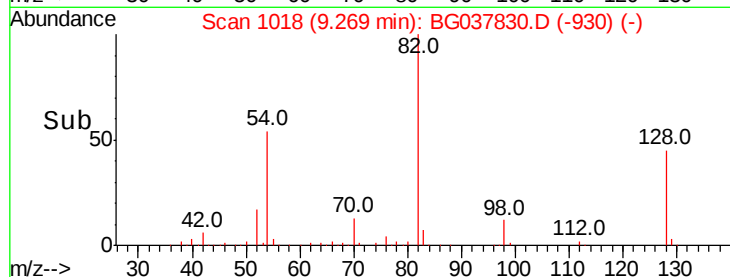
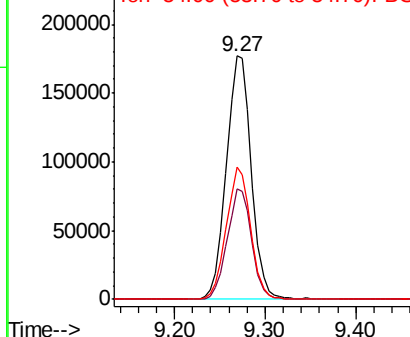
82 100

128 45.2 34.6 51.8

54 54.4 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# 1947

Delta R.T. -0.02 min

Lab File: BG037830.D

Acq: 6 Nov 2018 8:58

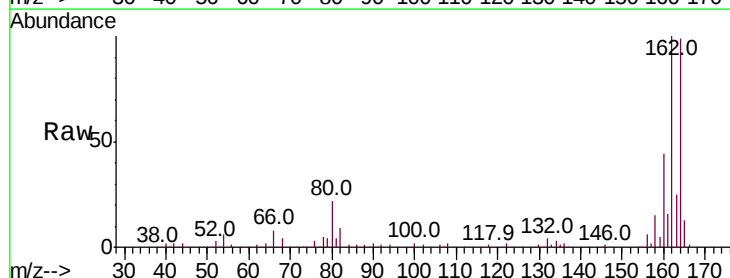
Tgt Ion: 164 Resp: 148842

Ion Ratio Lower Upper

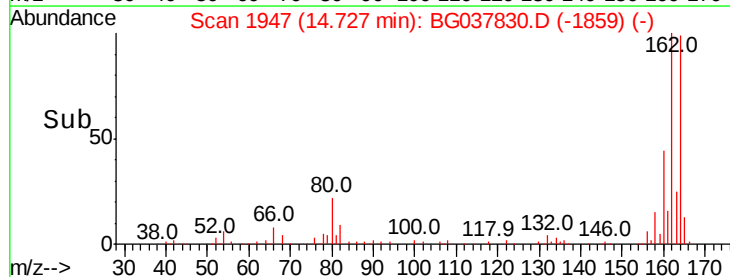
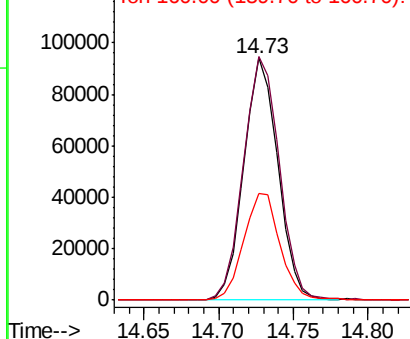
164 100

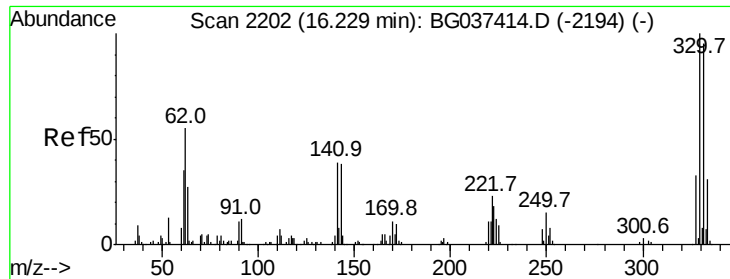
162 100.5 81.3 121.9

160 44.0 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

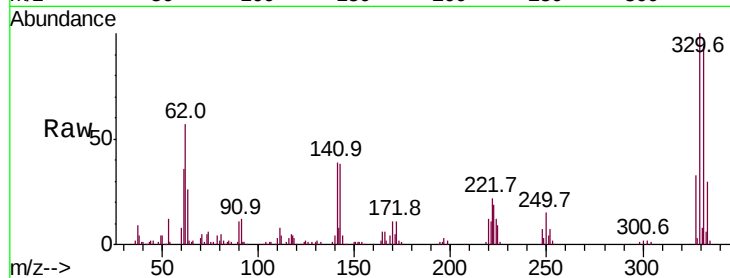




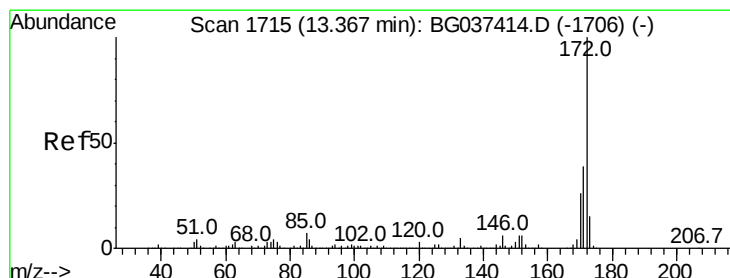
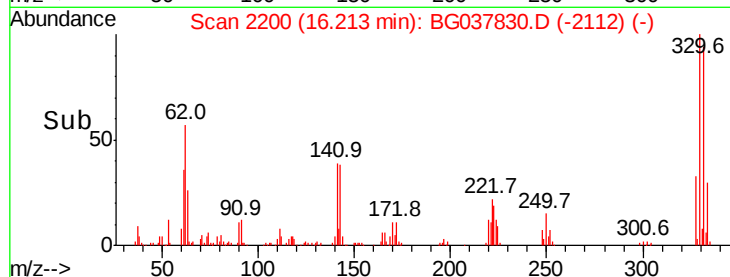
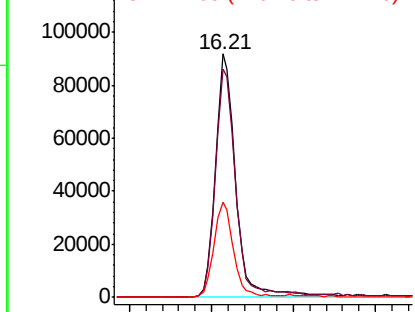
#42
 2,4,6-Tribromophenol
 Concen: 97.972 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037830.D
 Acq: 6 Nov 2018 8:58

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-110218-F

Tot Ion:330 Resp: 159048
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.4 117.6
 141 39.0 32.2 48.2

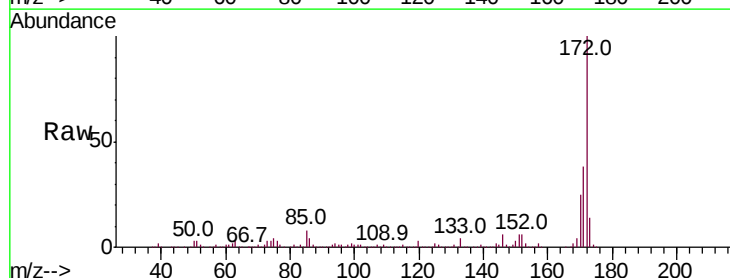


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

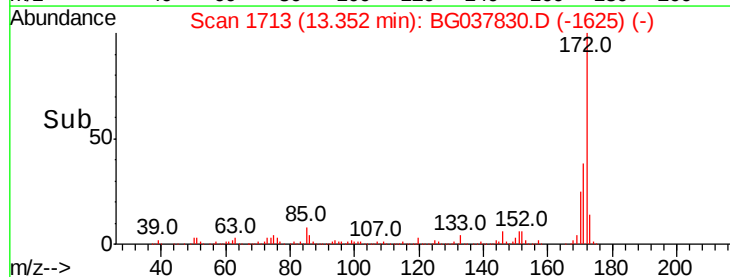
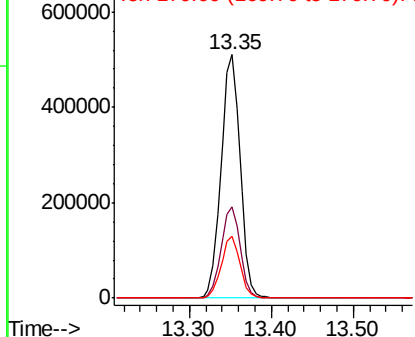


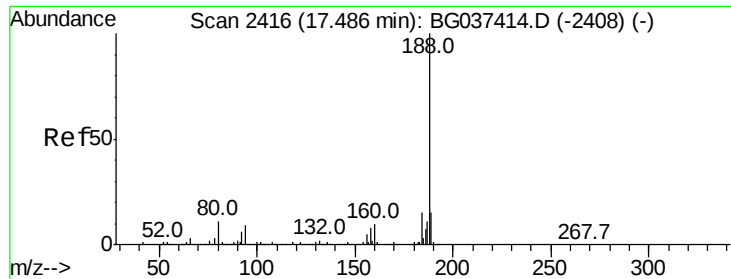
#45
 2-Fluorobiphenyl
 Concen: 84.305 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037830.D
 Acq: 6 Nov 2018 8:58

Tgt Ion:172 Resp: 832132
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.0 46.4
 170 25.4 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

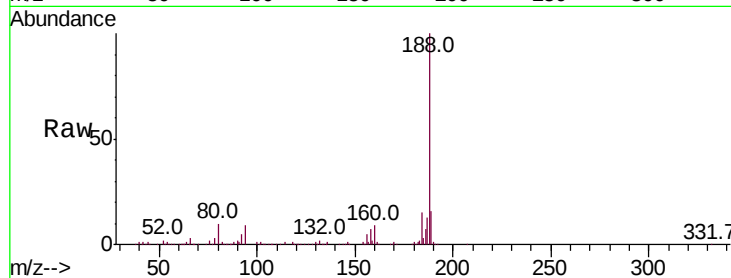




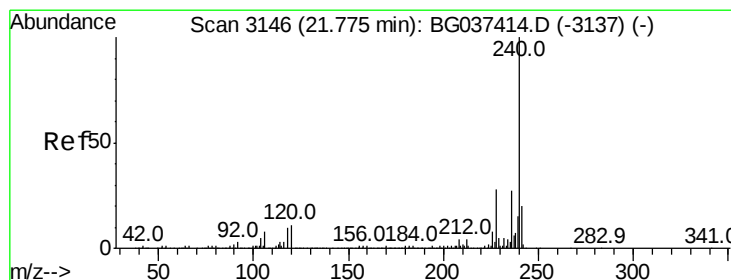
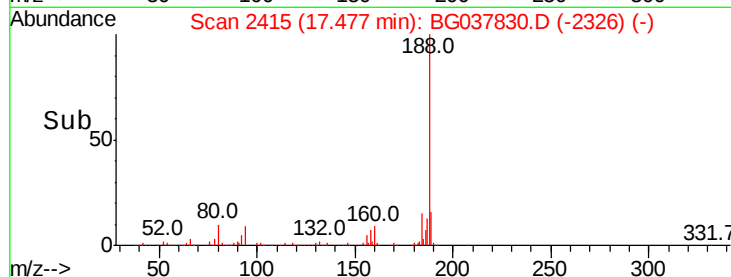
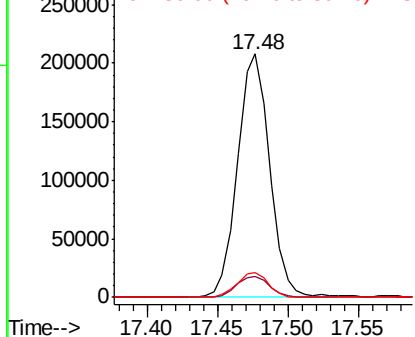
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037830.D
Acq: 6 Nov 2018 8:58

Instrument :
BNA_G
ClientSampleId :
JC-03-110218-F

Tot Ion:188 Resp: 329734
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.1 7.7 11.5

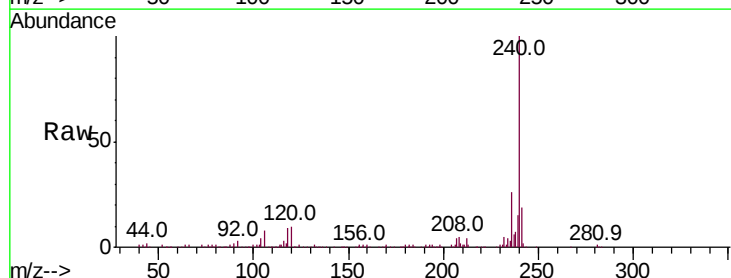


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

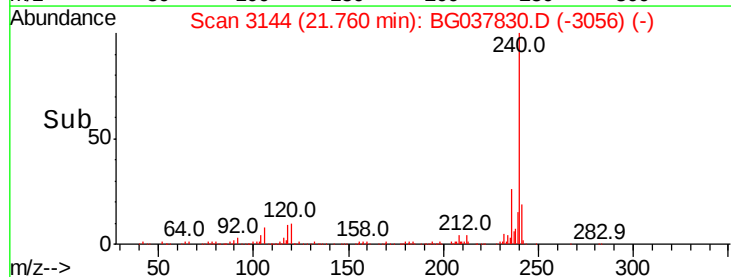
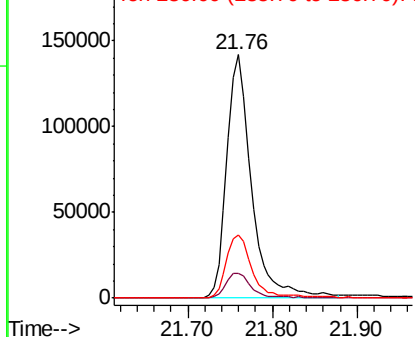


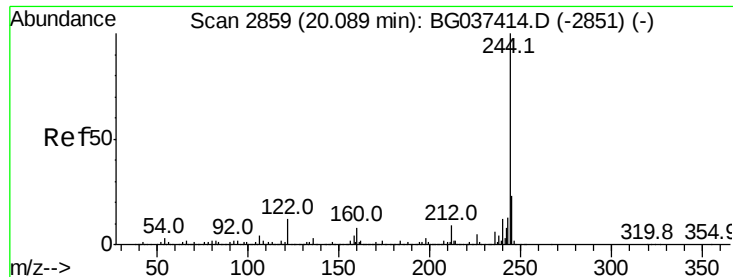
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037830.D
Acq: 6 Nov 2018 8:58

Tgt Ion:240 Resp: 288832
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 25.9 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.405 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037830.D

Acq: 6 Nov 2018 8:58

Instrument :

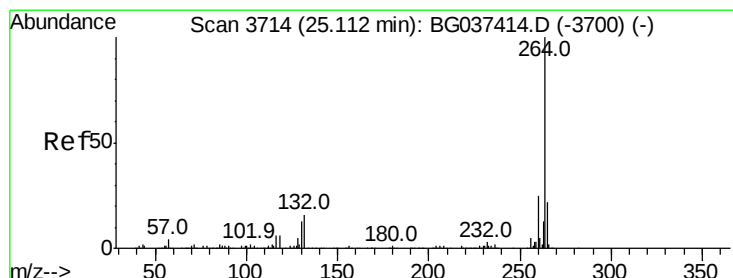
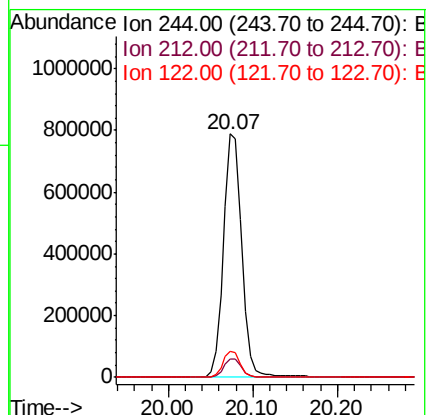
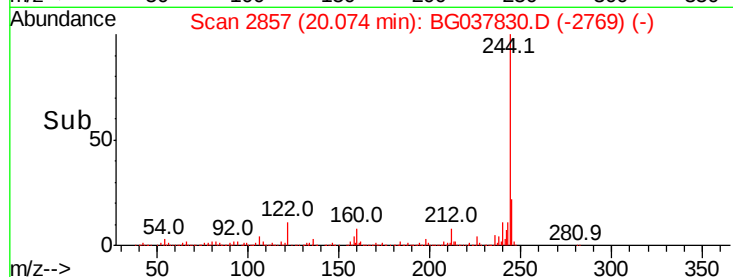
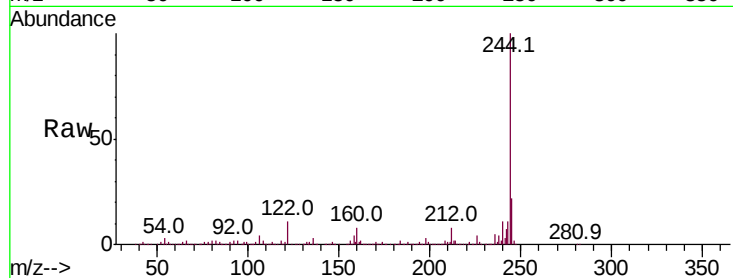
BNA_G

ClientSampleId :

JC-03-110218-F

Tot Ion:244 Resp: 1194991

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.8	9.0	13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037830.D

Acq: 6 Nov 2018 8:58

Tgt Ion:264 Resp: 243092

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.0	17.9	26.9

