

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030658.D
 Acq On : 2 Nov 2017 12:29
 Operator : SJ/JU
 Sample : PB103892BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103892BL

Quant Time: Nov 03 00:48:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	56393	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	260371	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	184608	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	488830	20.00	ng	0.00
75) Chrysene-d12	21.78	240	571433	20.00	ng	-0.01
86) Perylene-d12	25.07	264	595789	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	466109	138.08	ng	0.00
7) Phenol-d6	7.31	99	613933	129.57	ng	0.00
23) Nitrobenzene-d5	9.32	82	352764	86.10	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	350923	147.23	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1074656	85.38	ng	0.00
78) Terphenyl-d14	20.10	244	1953050	77.75	ng	0.00

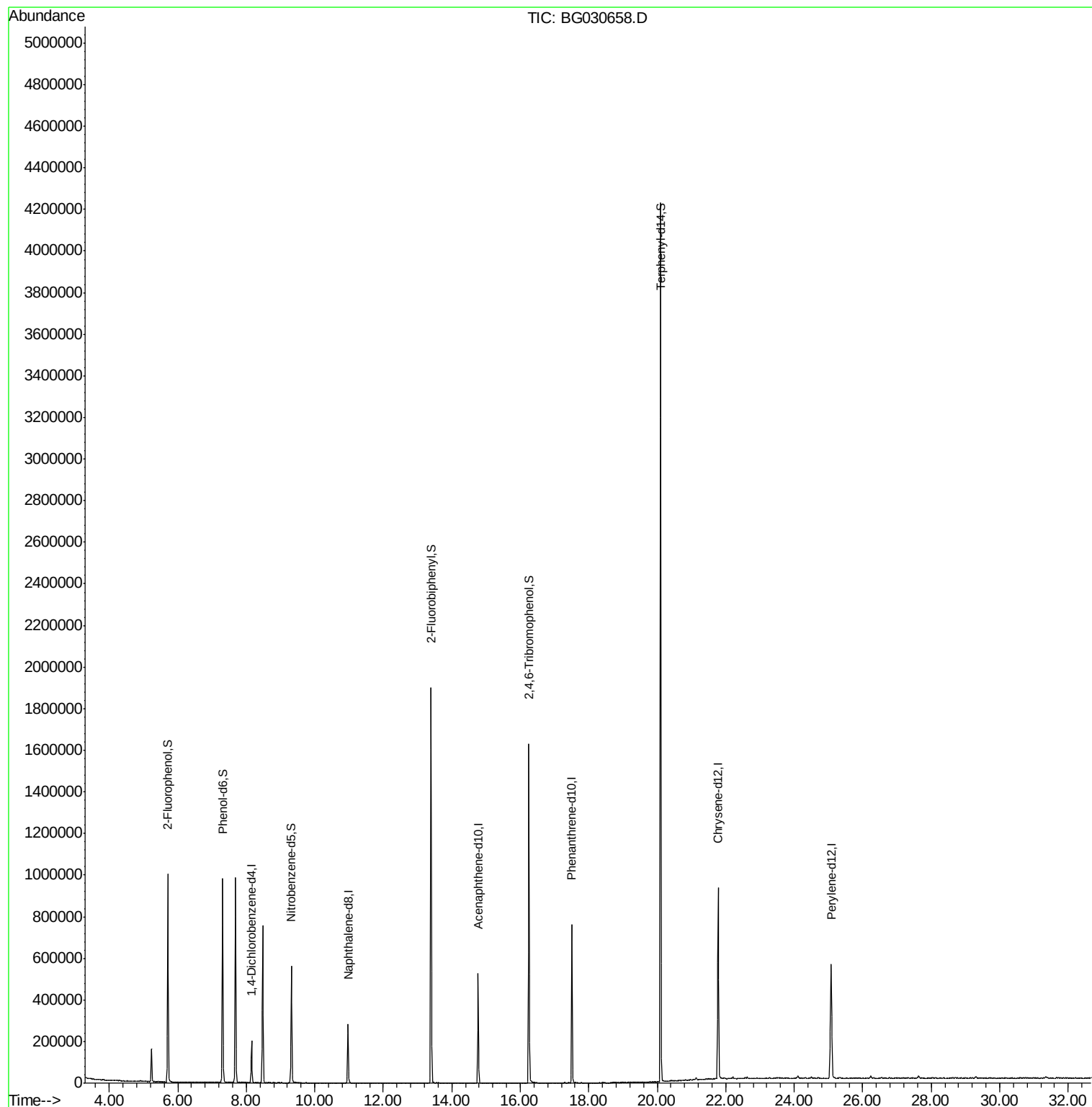
Target Compounds Qvalue

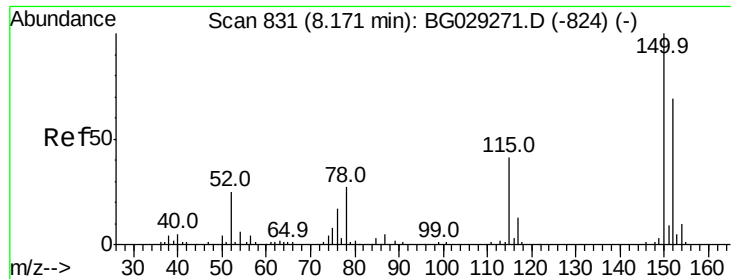
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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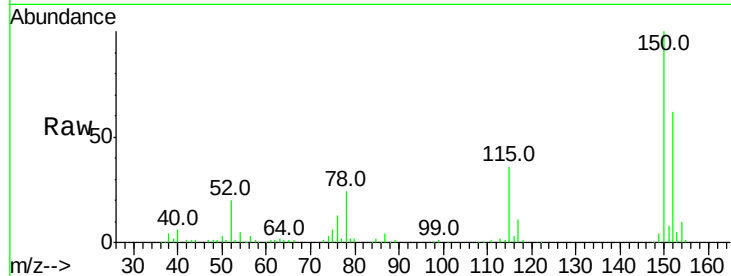


#1

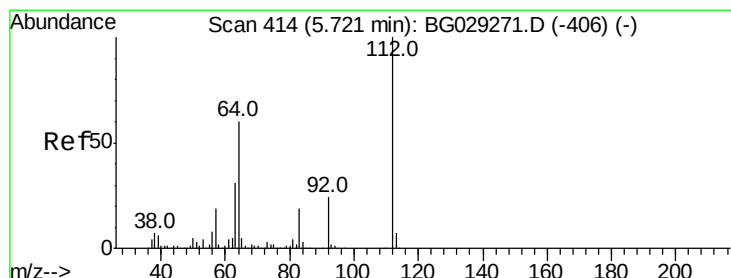
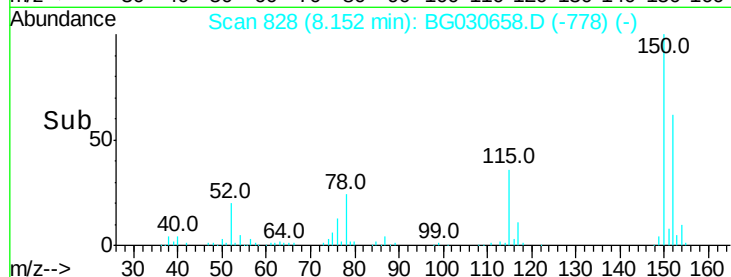
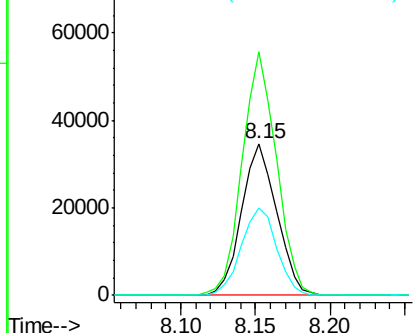
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030658.D
Acq: 2 Nov 2017 12:29

Instrument :
BNA_G
ClientSampleId :
PB103892BL

Tot Ion:152 Resp: 56393
Ion Ratio Lower Upper
152 100
150 160.2 126.6 189.8
115 57.2 53.0 79.4



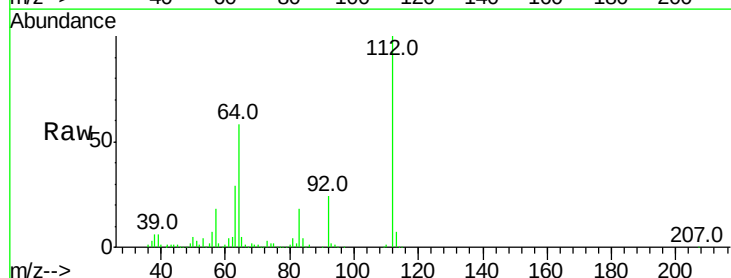
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



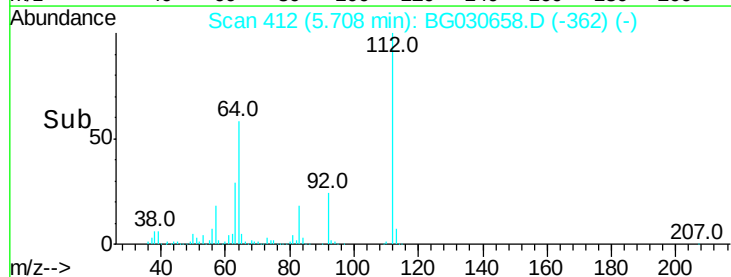
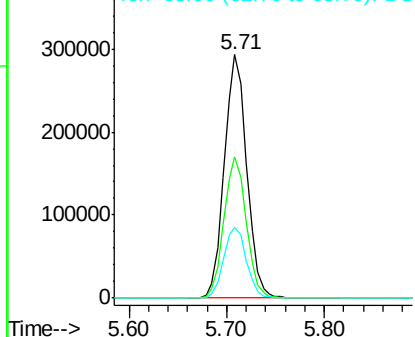
#5

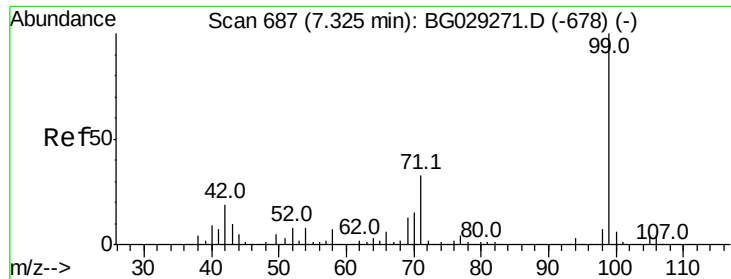
2-Fluorophenol
Concen: 138.077 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.01 min
Lab File: BG030658.D
Acq: 2 Nov 2017 12:29

Tgt Ion:112 Resp: 466109
Ion Ratio Lower Upper
112 100
64 57.9 56.3 84.5
63 29.3 30.1 45.1#



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: 129.567 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030658.D

Acq: 2 Nov 2017 12:29

Instrument :

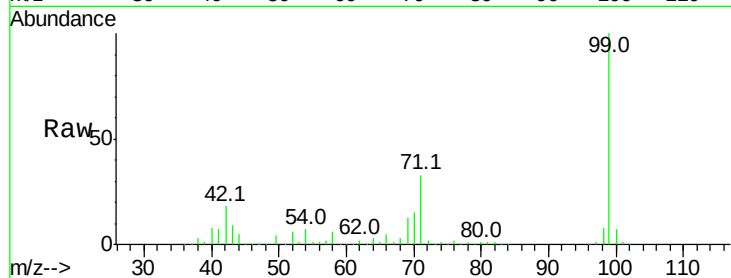
BNA_G

ClientSampleId :

PB103892BL

Tot Ion: 99 Resp: 613933

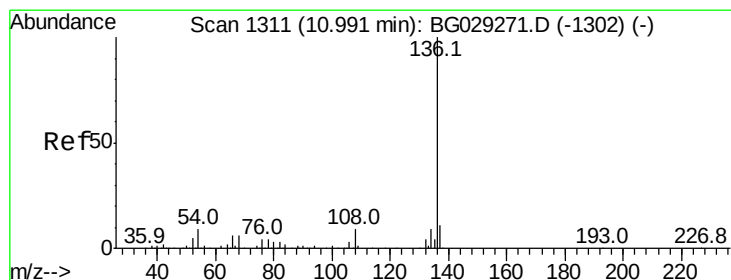
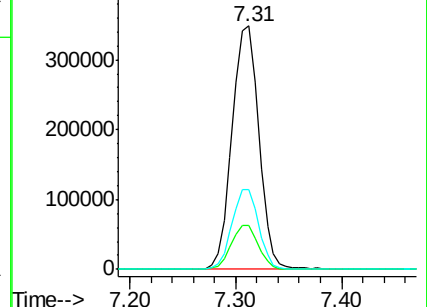
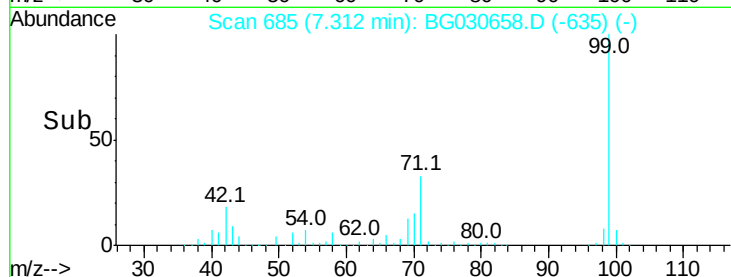
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	32.9	26.1	39.1



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: 10.97 min Scan# 1307

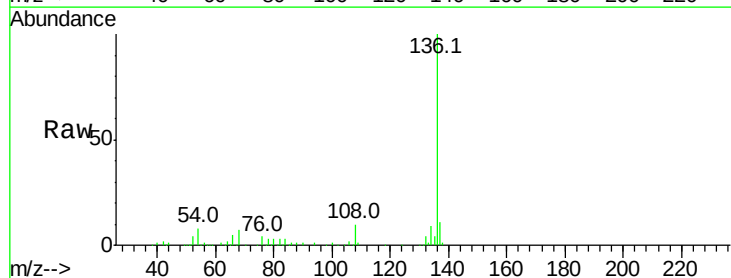
Delta R.T. -0.01 min

Lab File: BG030658.D

Acq: 2 Nov 2017 12:29

Tgt Ion: 136 Resp: 260371

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.4	10.3	15.5#
68	6.6	4.5	6.7

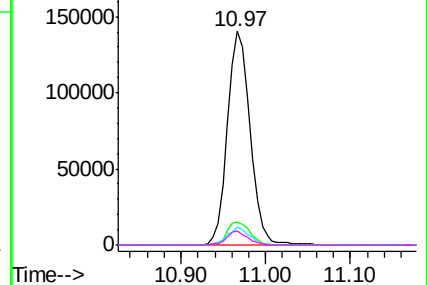
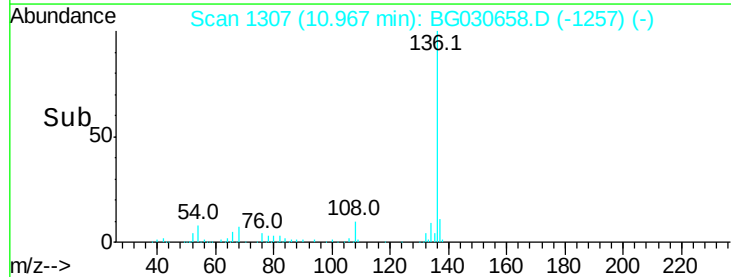


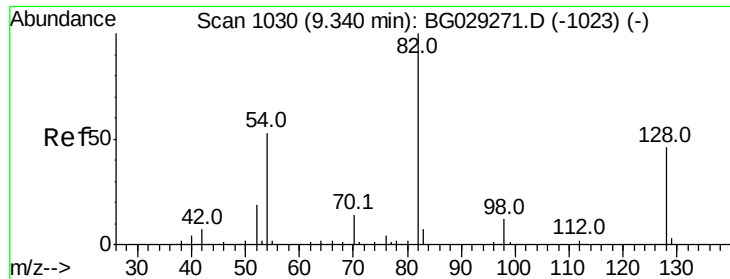
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

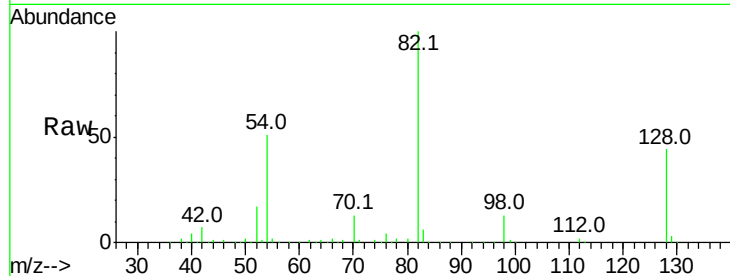




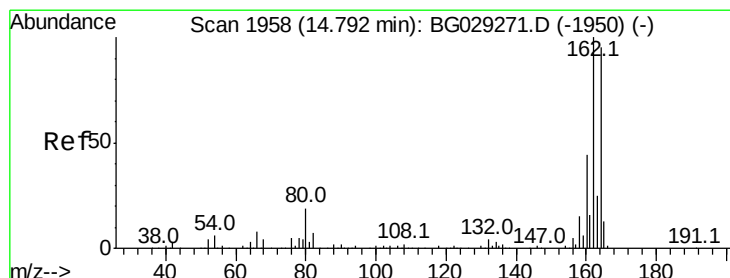
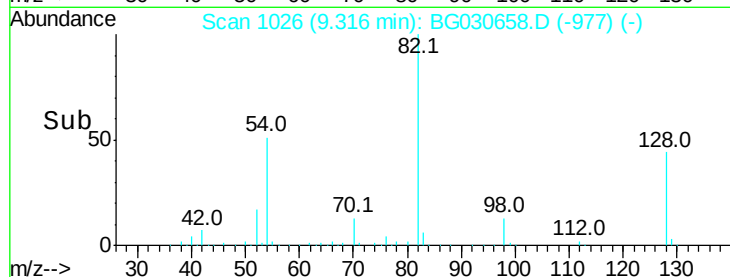
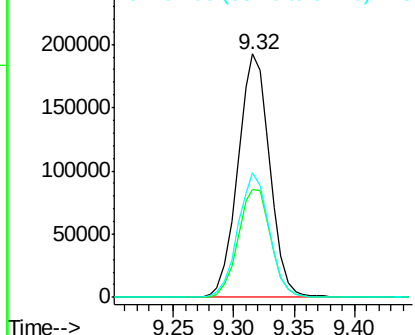
#23
Nitrobenzene-d5
Concen: 86.097 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030658.D
Acq: 2 Nov 2017 12:29

Instrument :
BNA_G
ClientSampleId :
PB103892BL

Tot Ion: 82 Resp: 352764
Ion Ratio Lower Upper
82 100
128 44.3 29.7 44.5
54 51.2 43.1 64.7

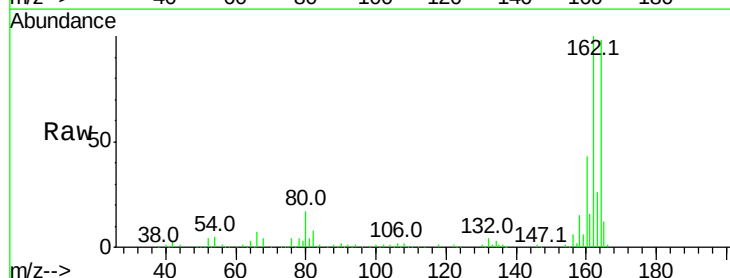


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

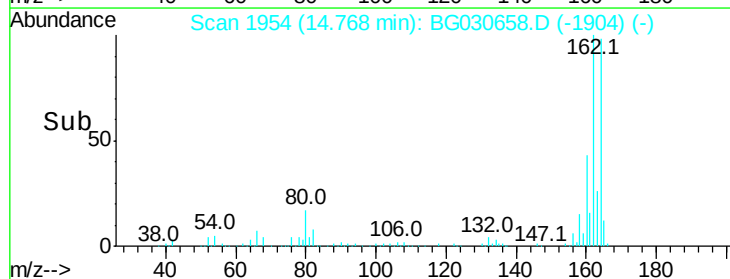
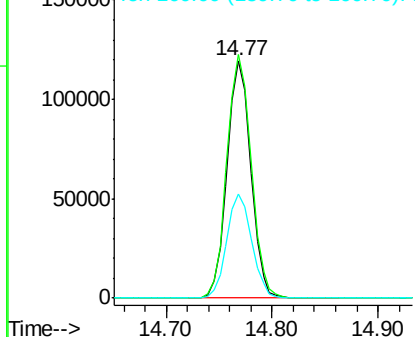


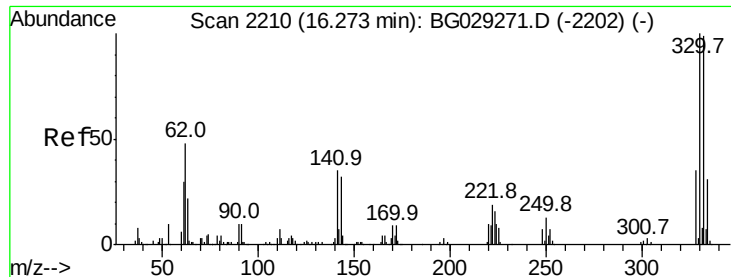
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030658.D
Acq: 2 Nov 2017 12:29

Tgt Ion:164 Resp: 184608
Ion Ratio Lower Upper
164 100
162 102.5 78.8 118.2
160 44.0 35.4 53.0



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





#41

2,4,6-Tribromophenol

Concen: 147.231 ng

RT: 16.25 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BG030658.D

Acq: 2 Nov 2017 12:29

Instrument :

BNA_G

ClientSampleId :

PB103892BL

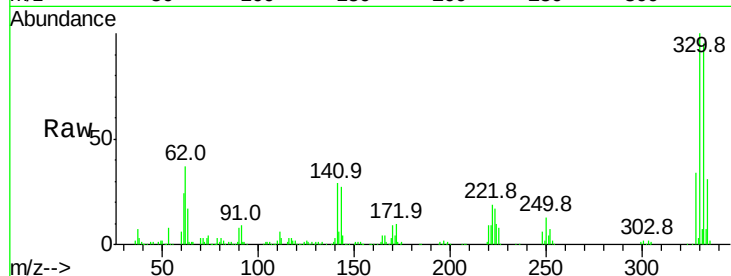
Tot Ion:330 Resp: 350923

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

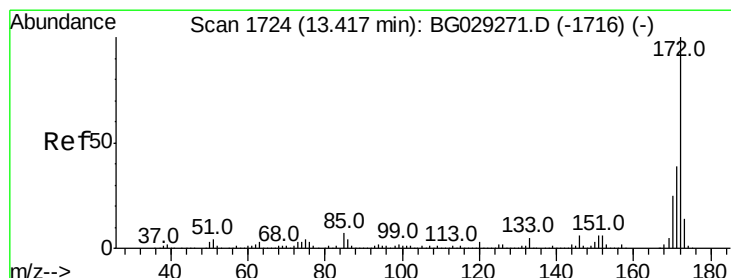
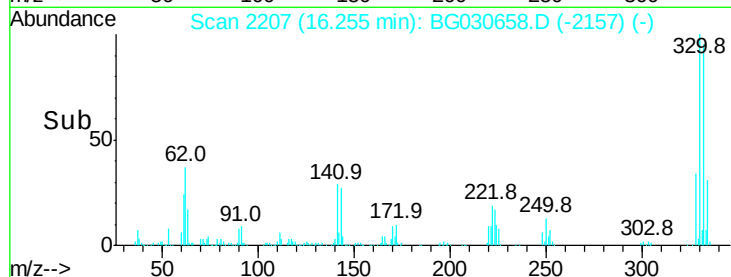
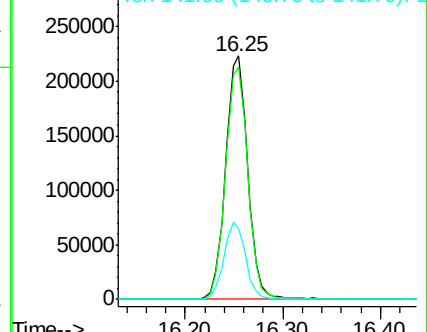
141 31.2 25.2 37.8



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



#44

2-Fluorobiphenyl

Concen: 85.378 ng

RT: 13.39 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BG030658.D

Acq: 2 Nov 2017 12:29

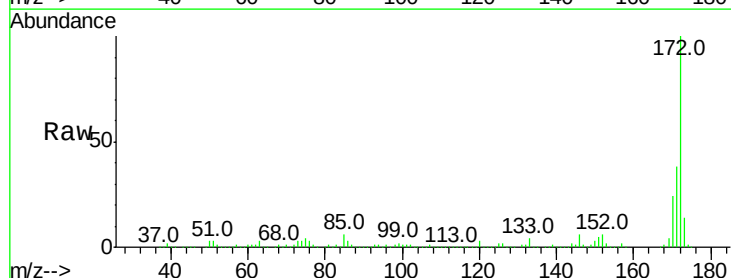
Tgt Ion:172 Resp: 1074656

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

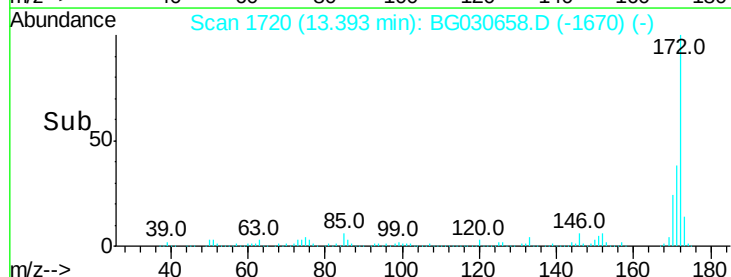
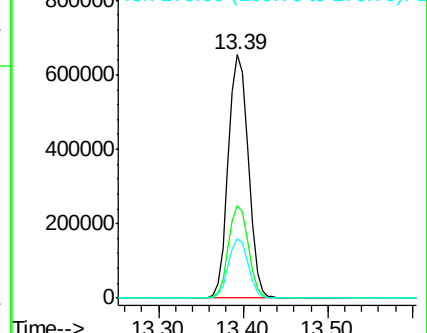
170 24.4 19.5 29.3

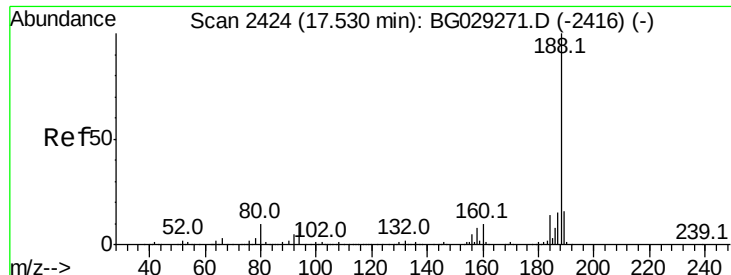


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

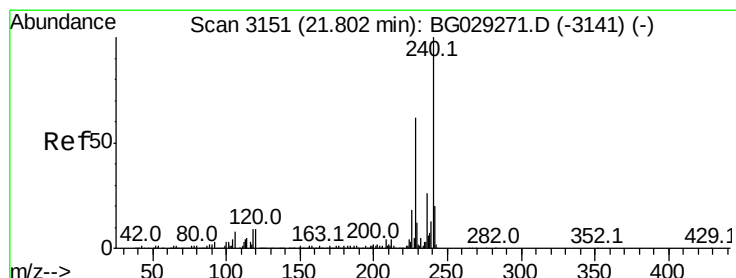
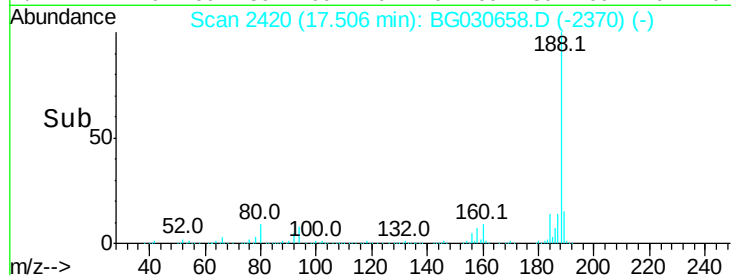
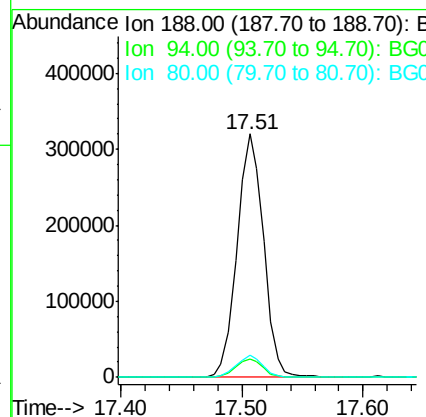
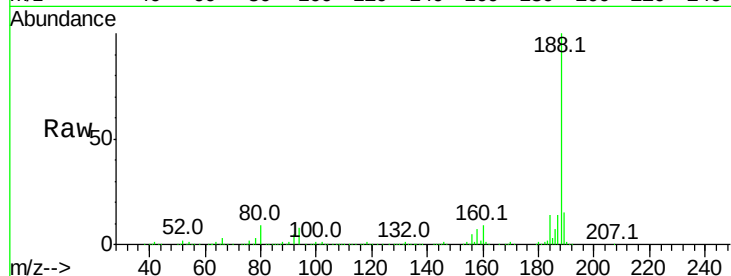




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030658.D
Acq: 2 Nov 2017 12:29

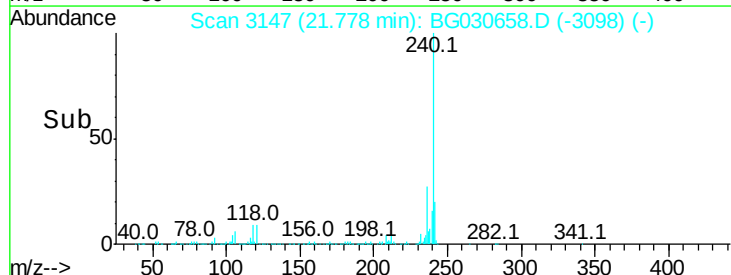
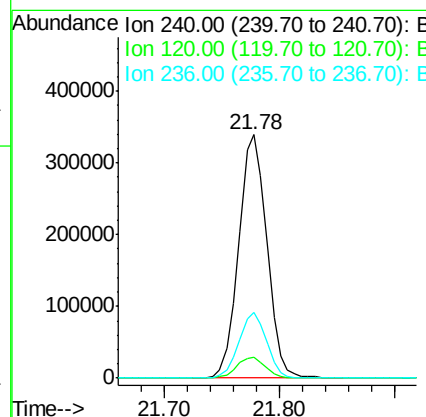
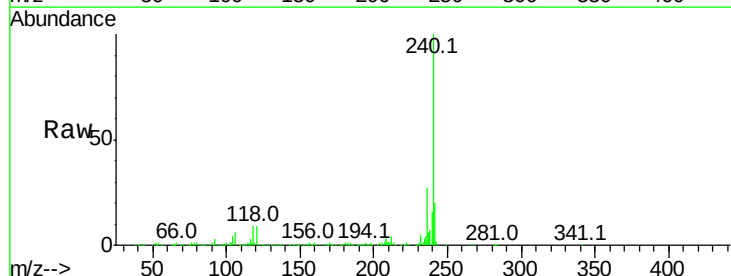
Instrument :
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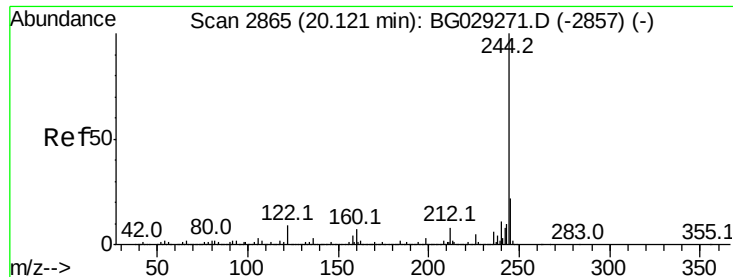
Tot Ion:188 Resp: 488830
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 9.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030658.D
Acq: 2 Nov 2017 12:29

Tgt Ion:240 Resp: 571433
Ion Ratio Lower Upper
240 100
120 8.8 6.8 10.2
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 77.753 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG030658.D

Acq: 2 Nov 2017 12:29

Instrument :

BNA_G

ClientSampleId :

PB103892BL

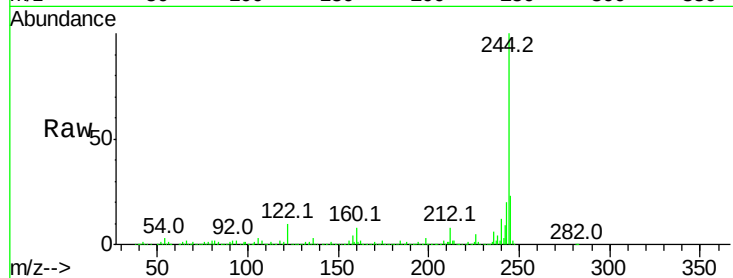
Tot Ion:244 Resp: 1953050

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

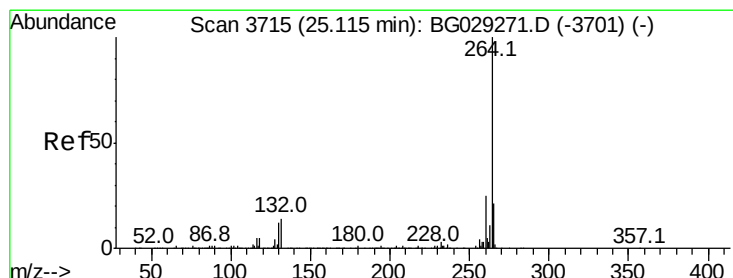
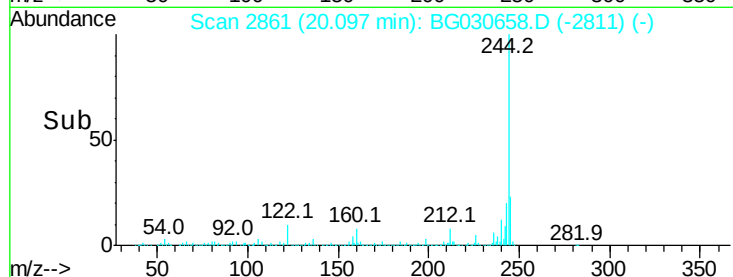
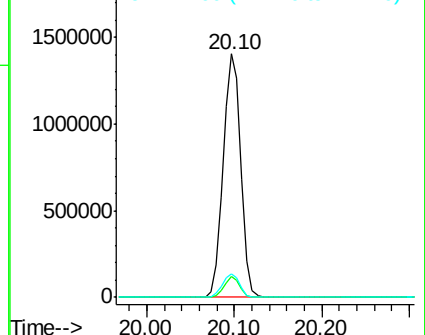
122 9.7 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030658.D

Acq: 2 Nov 2017 12:29

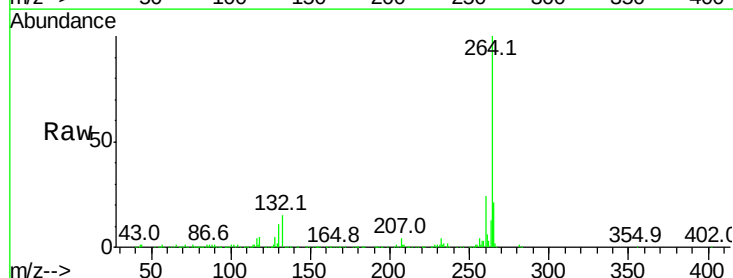
Tgt Ion:264 Resp: 595789

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.1 17.7 26.5



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

