

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 :

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

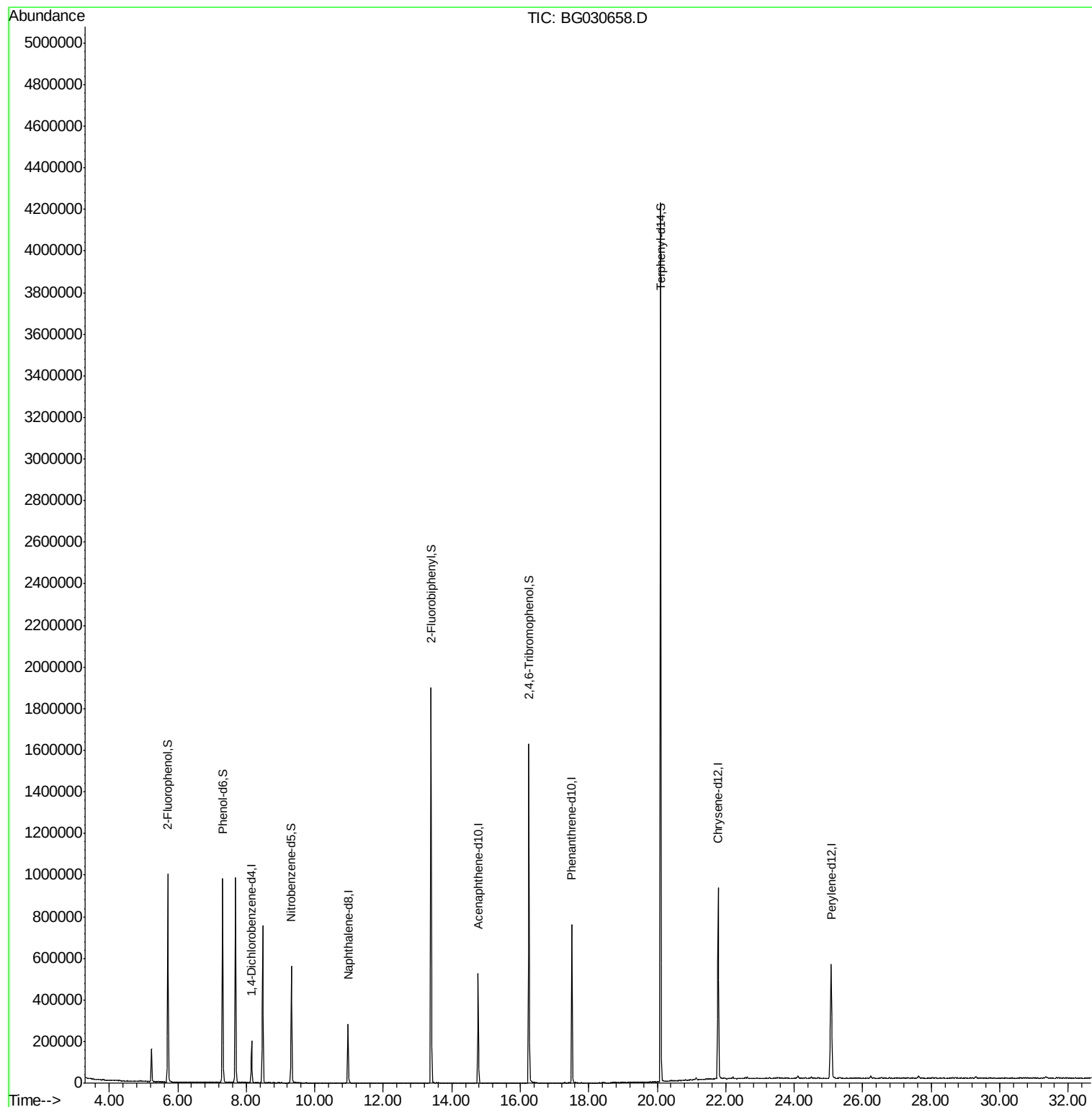
Target Compounds Qvalue

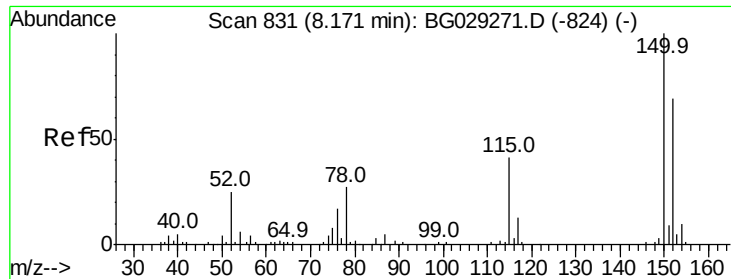
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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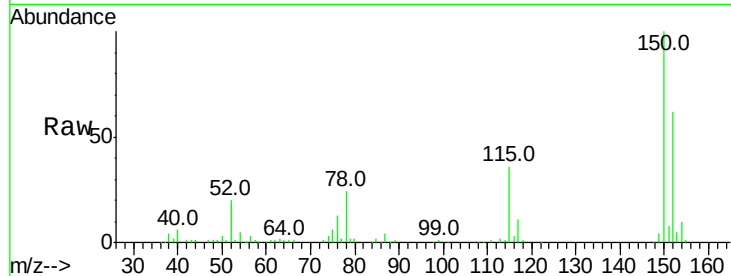


#1

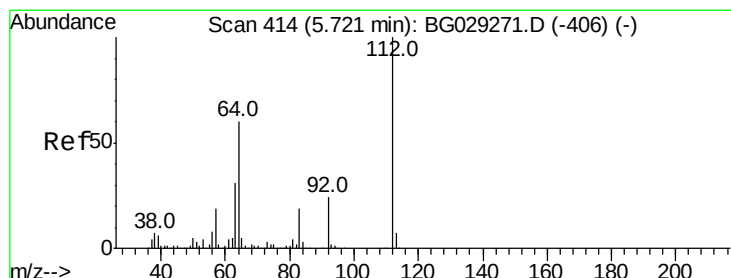
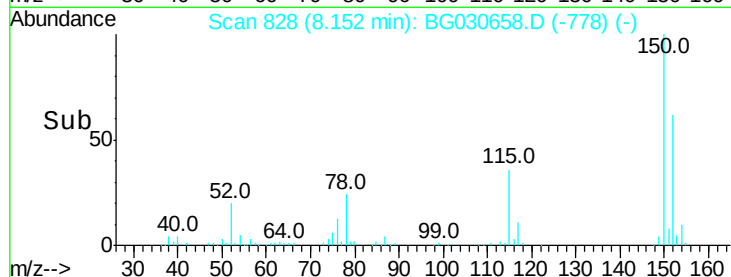
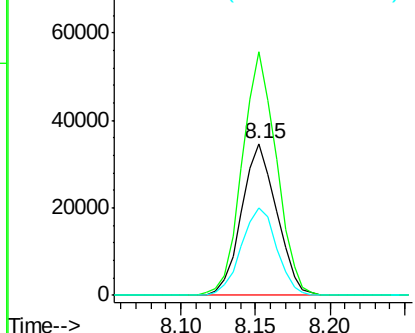
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030658.D
Acq: 2 Nov 2017 12:29

Instrument :
BNA_G
ClientSampleId :

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



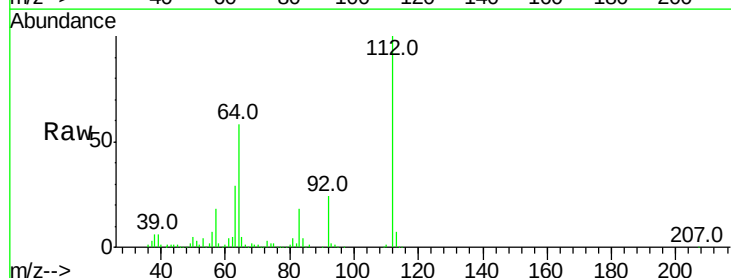
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



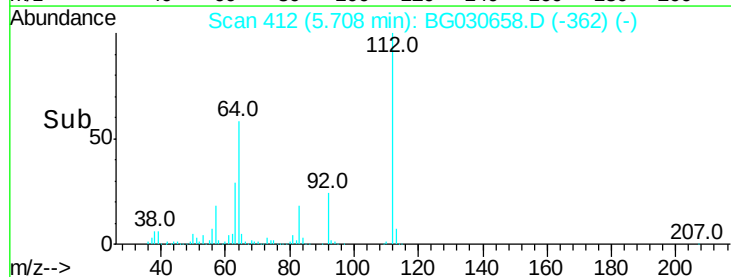
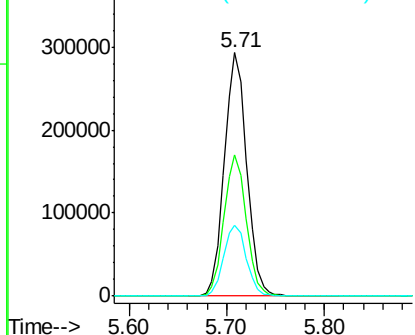
#5

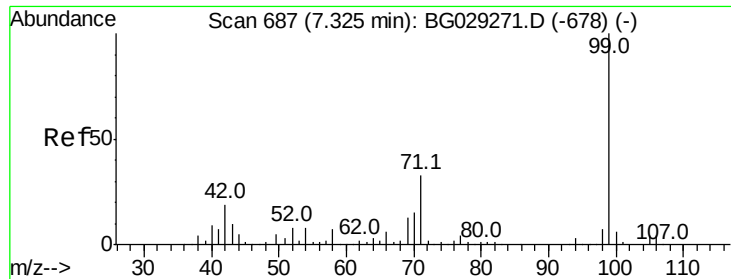
2-Fluorophenol
Concen: 138.077 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.01 min
Lab File: BG030658.D
Acq: 2 Nov 2017 12:29

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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 :

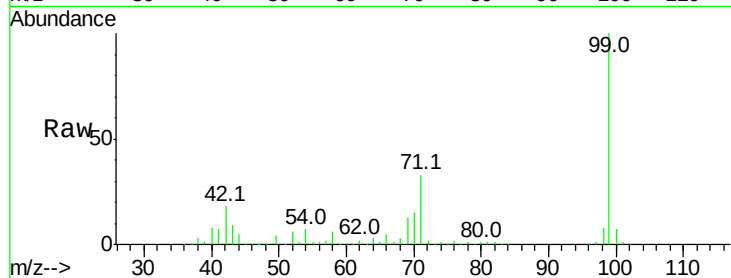
Tot Ion: 99 Resp: 613933

Ion Ratio Lower Upper

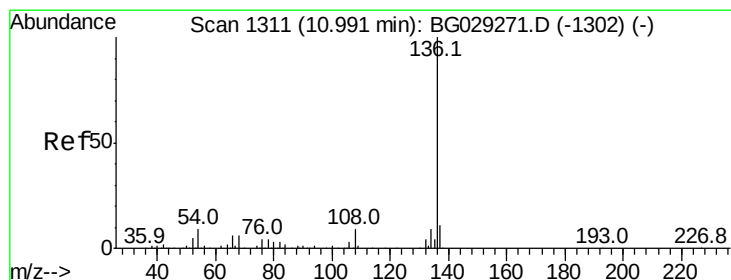
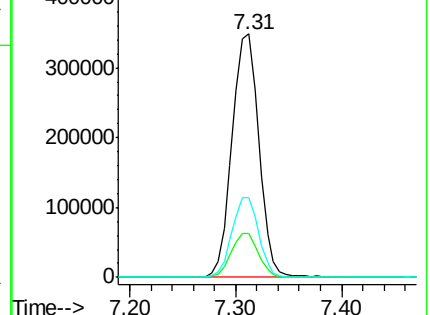
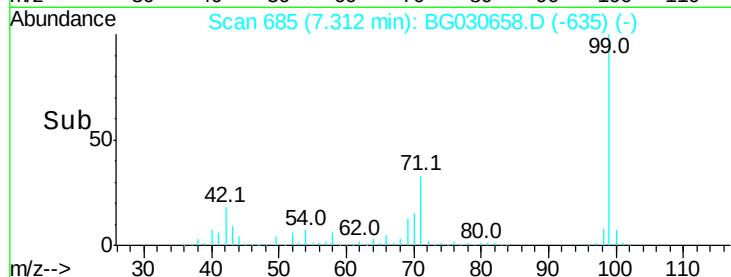
99 100

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

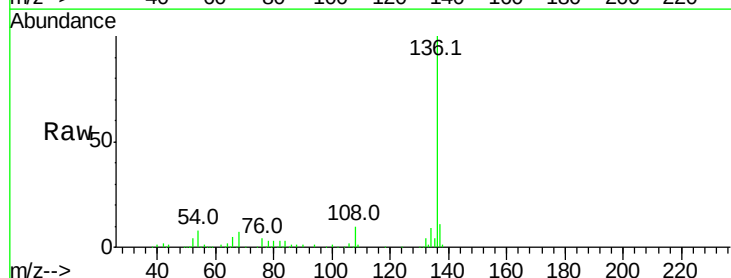
Ion Ratio Lower Upper

136 100

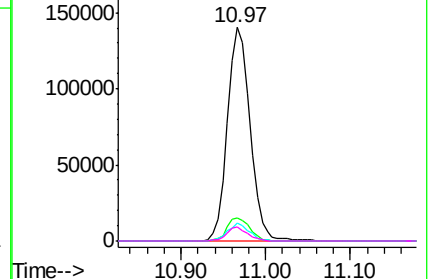
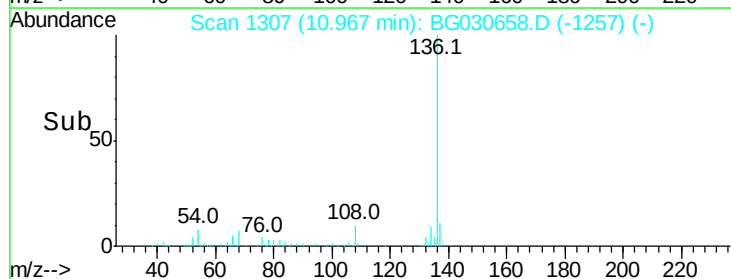
137 11.0 9.2 13.8

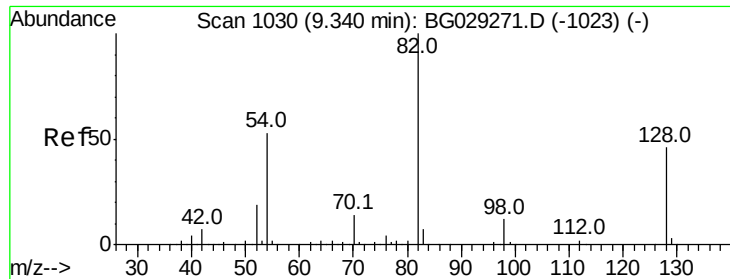
54 8.4 10.3 15.5#

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

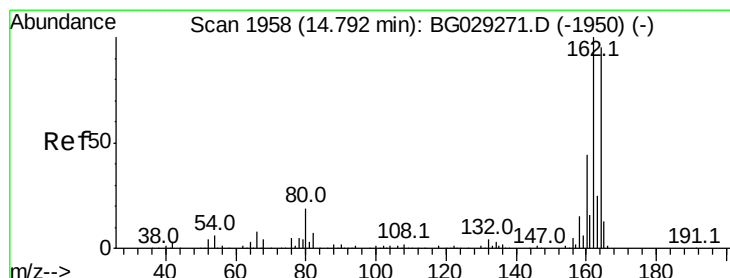
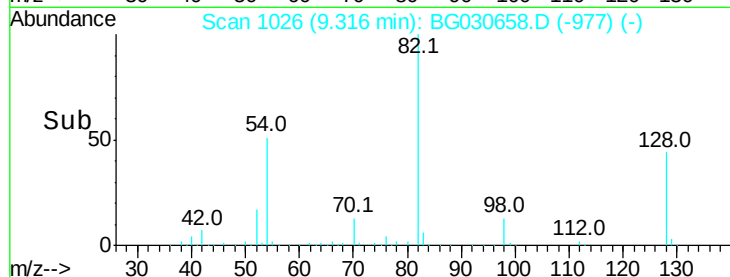
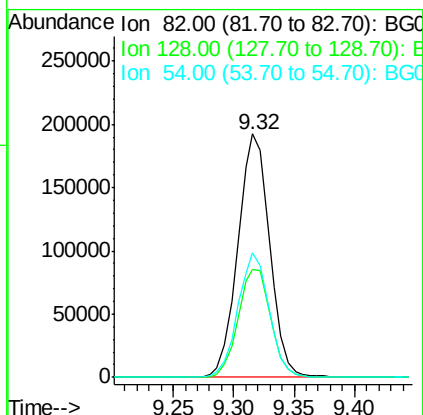
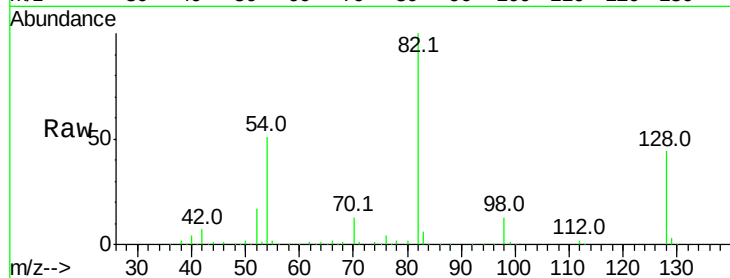




#23
 Nitrobenzene-d5
 Concen: 86.097 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG030658.D
 Acq: 2 Nov 2017 12:29

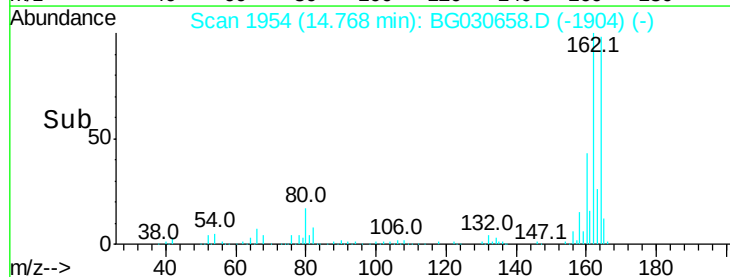
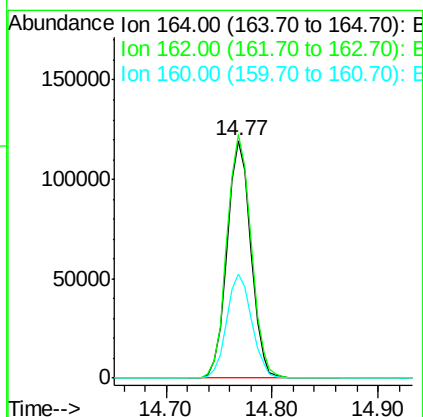
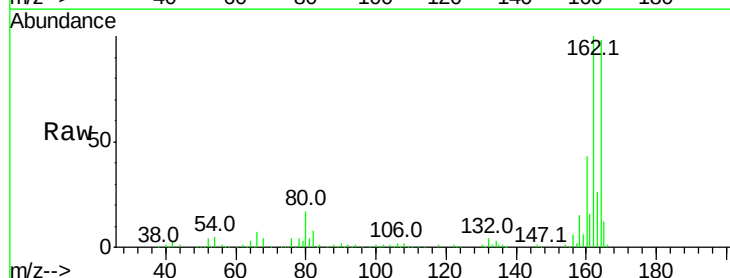
Instrument :
 BNA_G
 ClientSampled :

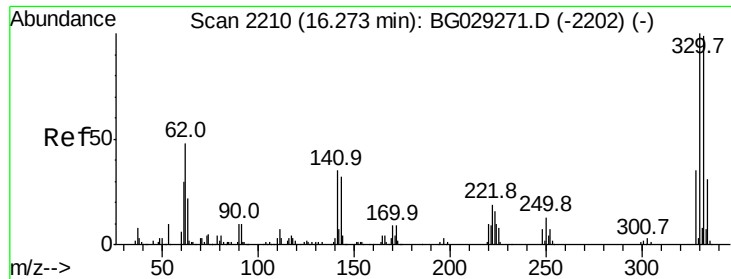
Tot Ion: 82 Resp: 352764
 Ion Ratio Lower Upper
 82 100
 128 44.3 29.7 44.5
 54 51.2 43.1 64.7



#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

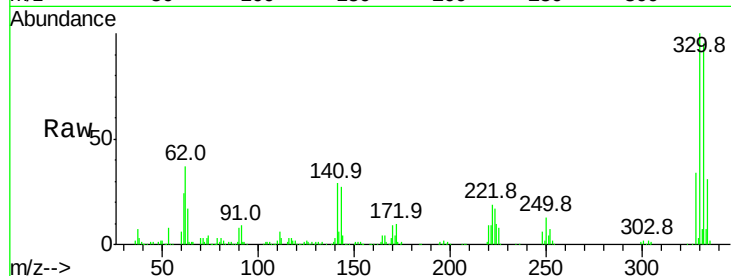




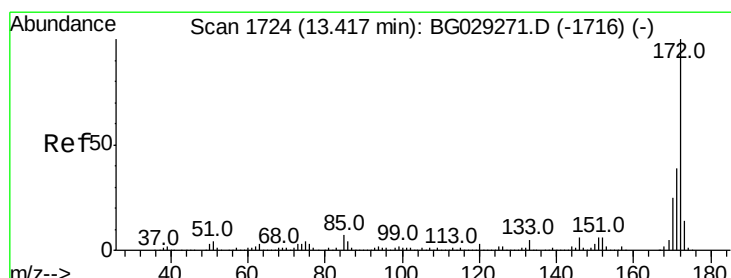
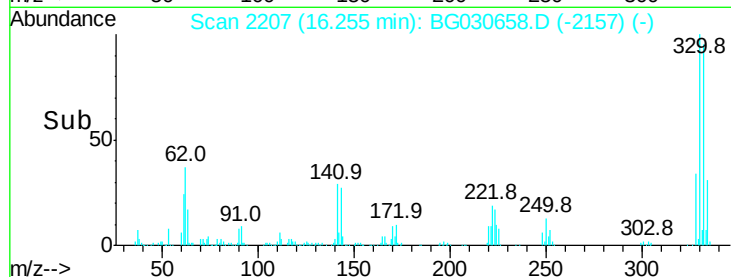
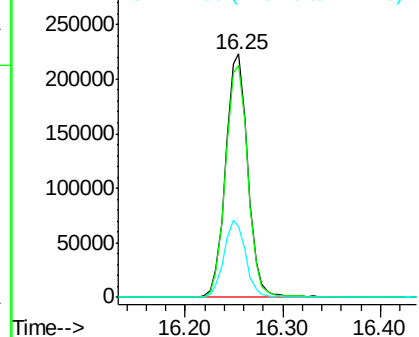
#41
 2,4,6-Tribromophenol
 Concen: 147.231 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BG030658.D
 Acq: 2 Nov 2017 12:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.2	25.2	37.8

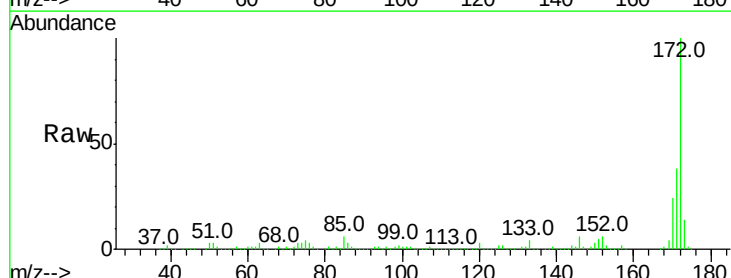


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

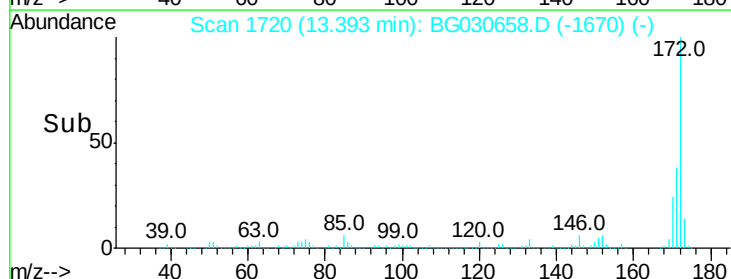
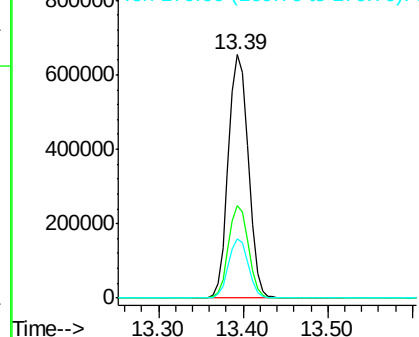


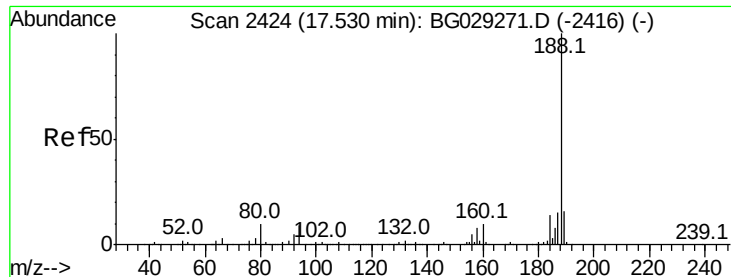
#44
 2-Fluorobiphenyl
 Concen: 85.378 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030658.D
 Acq: 2 Nov 2017 12:29

Tgt Ion	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

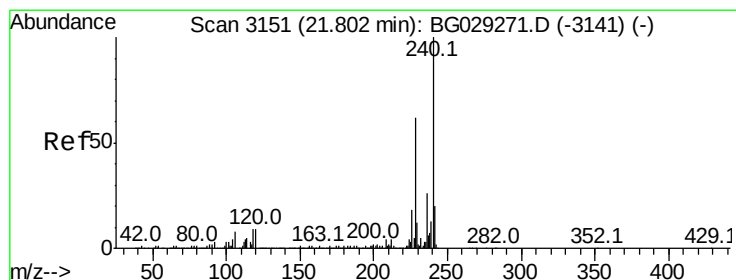
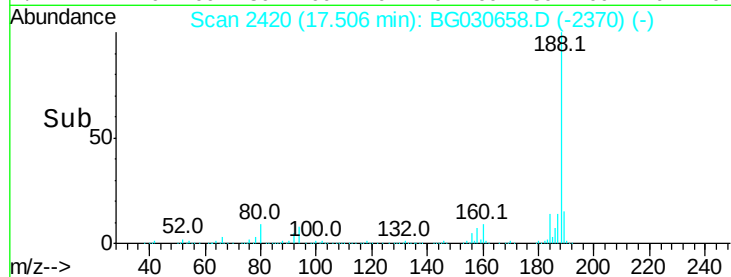
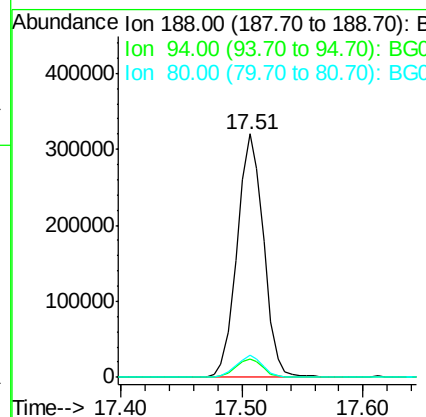
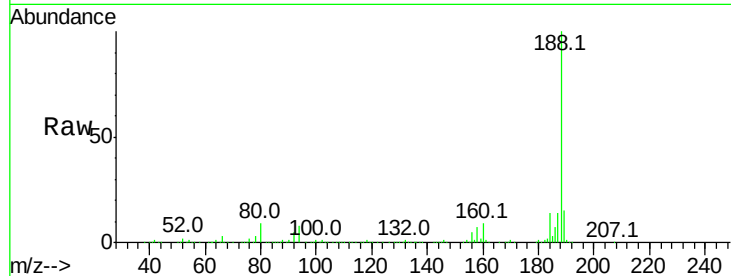




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030658.D
Acq: 2 Nov 2017 12:29

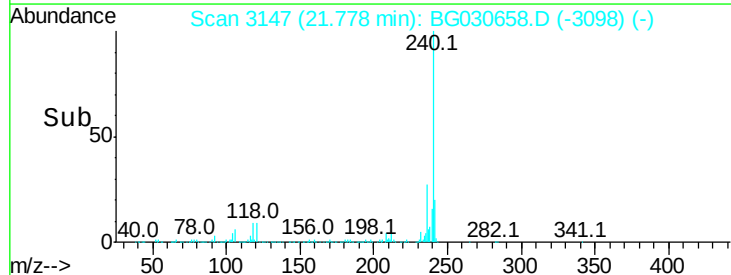
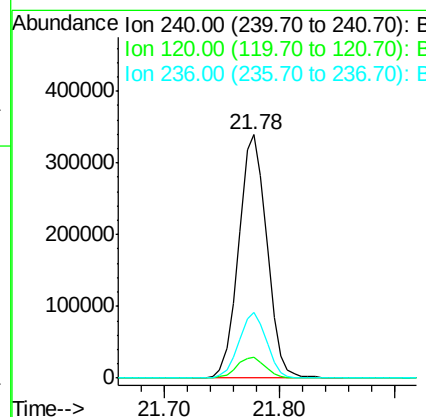
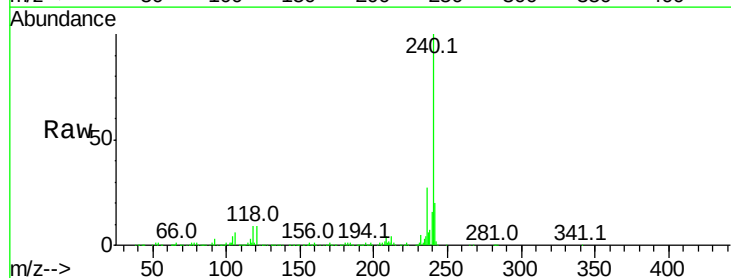
Instrument :
BNA_G
ClientSampleId :

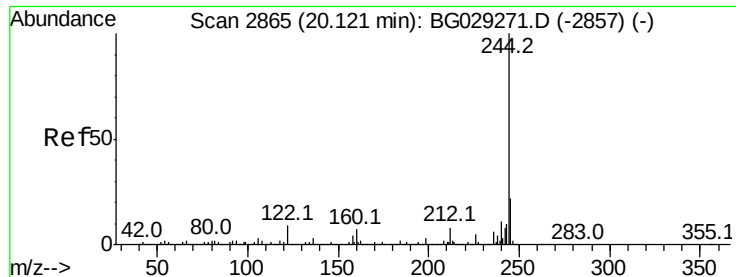
Tot Ion:188 Resp: 488830
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 9.0 7.7 11.5



#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 :

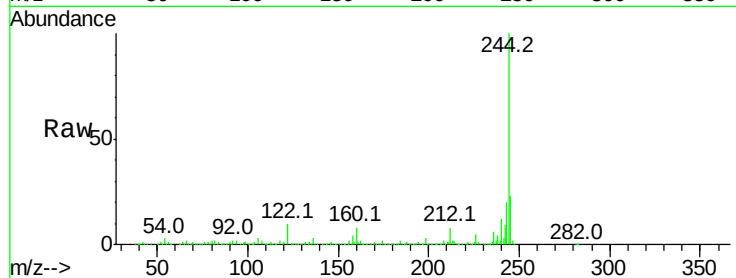
Tot Ion:244 Resp: 1953050

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

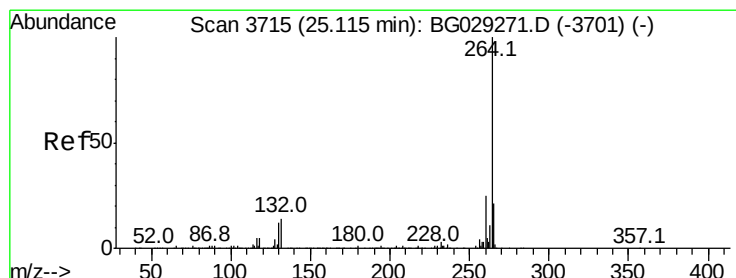
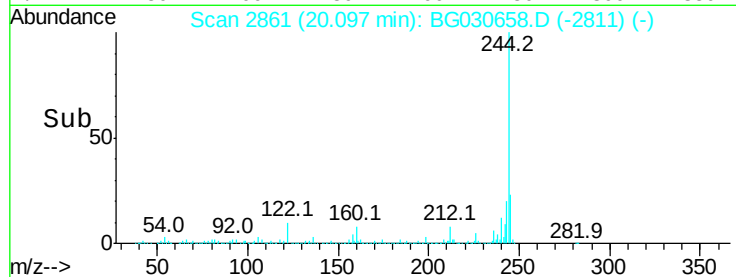
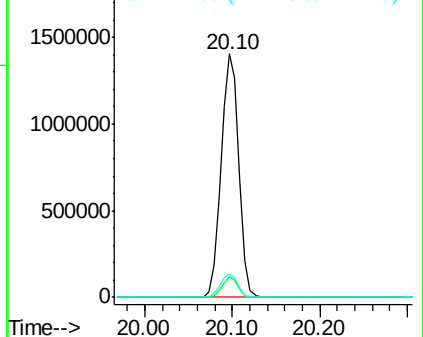
122 9.7 7.0 10.4



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

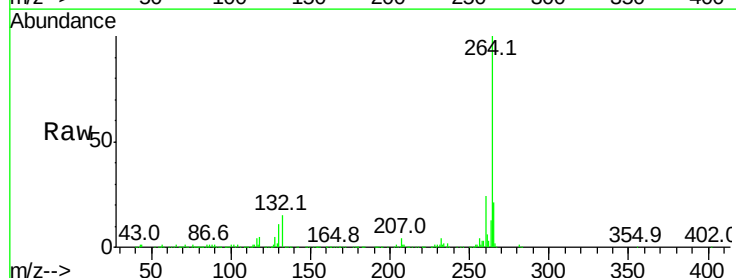
Tgt Ion:264 Resp: 595789

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

