

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029312.D
 Acq On : 17 Oct 2017 22:11
 Operator : SJ/JU
 Sample : I5817-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 00:55:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	76229	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	372115	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	242325	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	542780	20.00	ng	0.00
75) Chrysene-d12	21.80	240	559763	20.00	ng	0.00
86) Perylene-d12	25.10	264	570203	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	195622	42.87	ng	0.00
7) Phenol-d6	7.32	99	172477	26.93	ng	0.00
23) Nitrobenzene-d5	9.33	82	563222	96.18	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	300092	95.92	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1487346	90.02	ng	0.00
78) Terphenyl-d14	20.12	244	2092086	85.02	ng	0.00

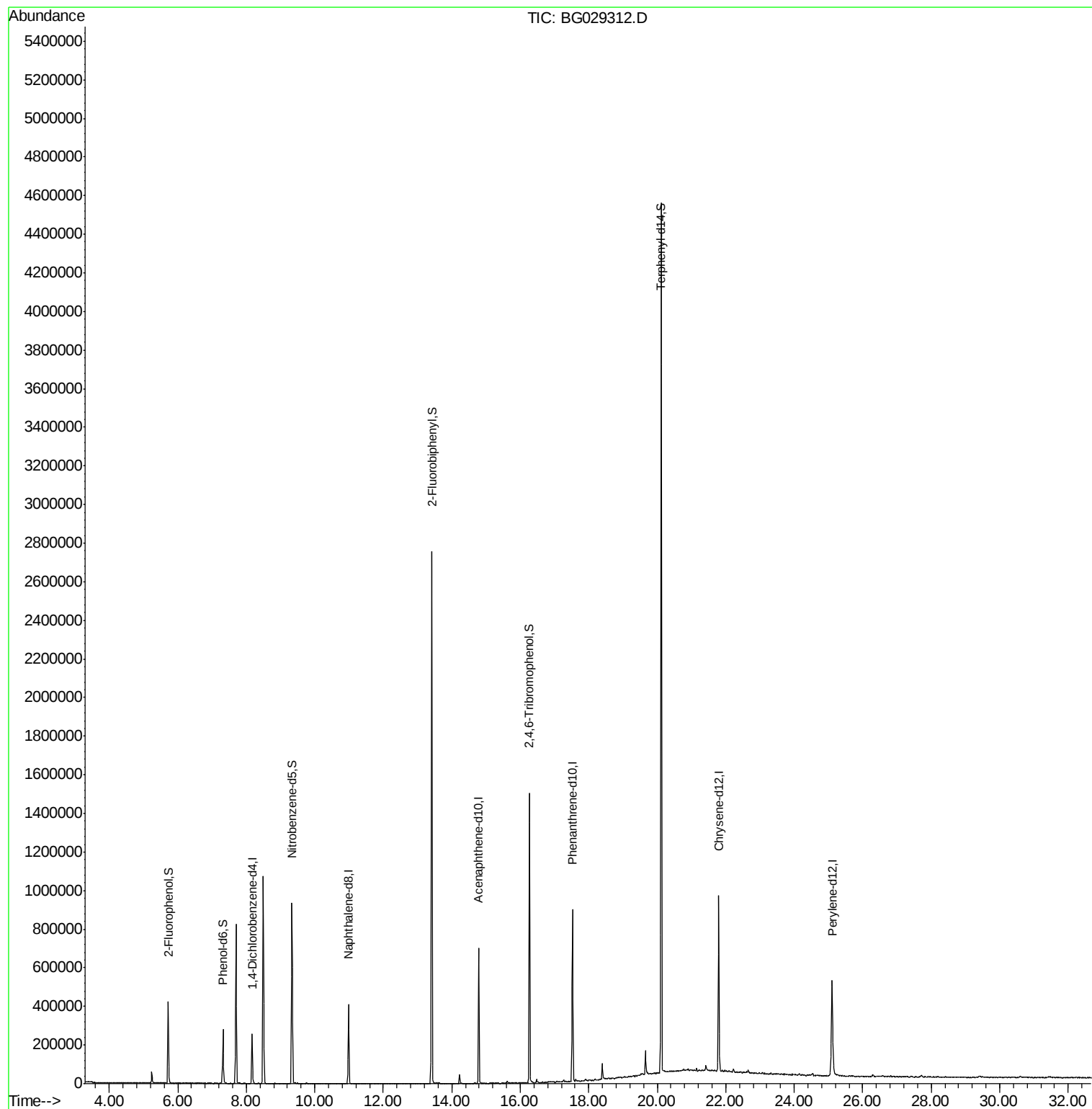
Target Compounds Qvalue

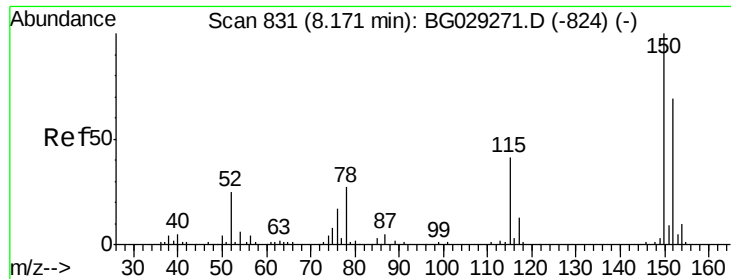
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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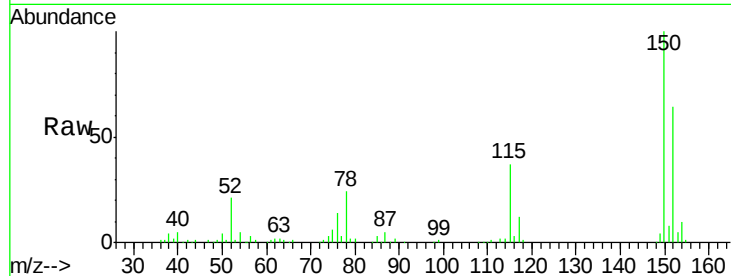


#1

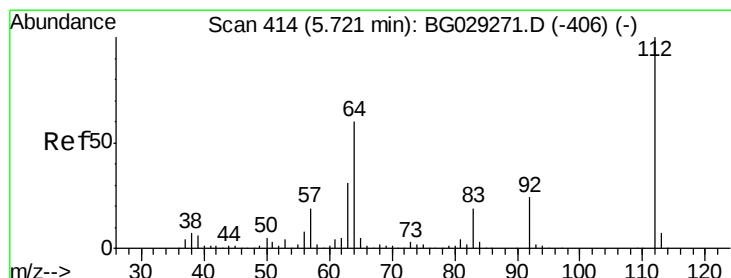
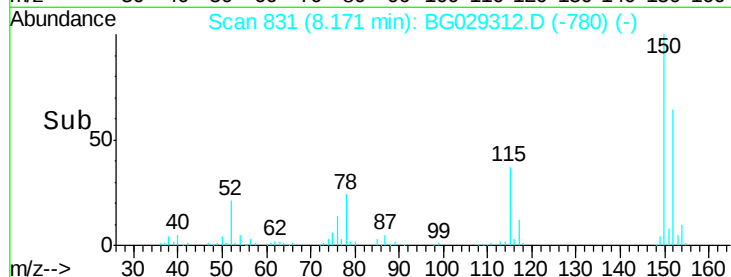
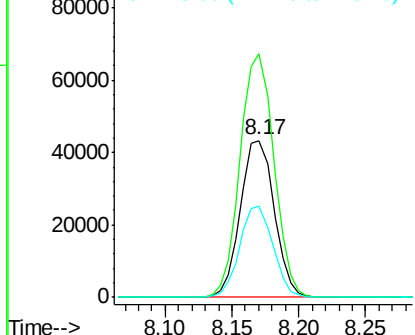
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029312.D
Acq: 17 Oct 2017 22:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 76229
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 57.8 53.0 79.4



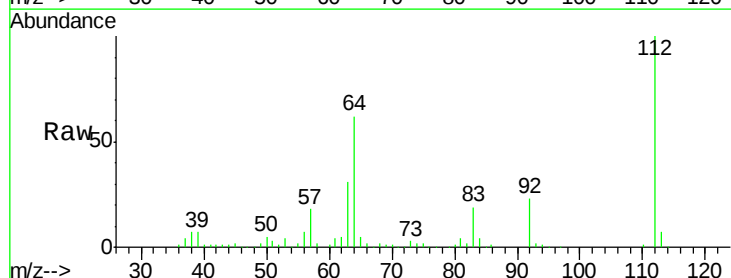
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



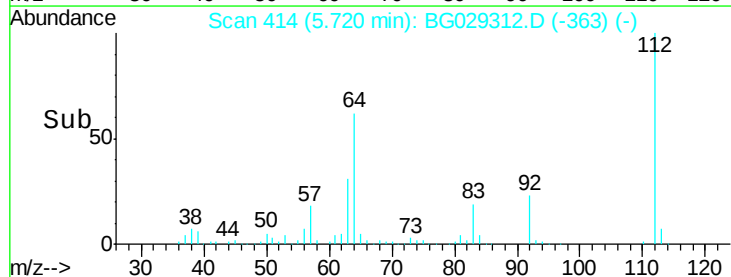
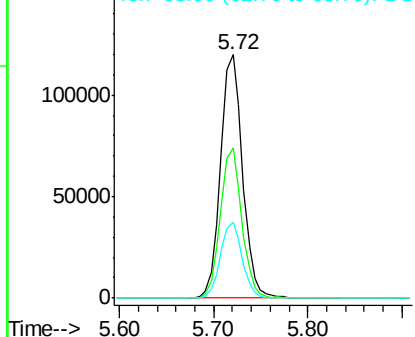
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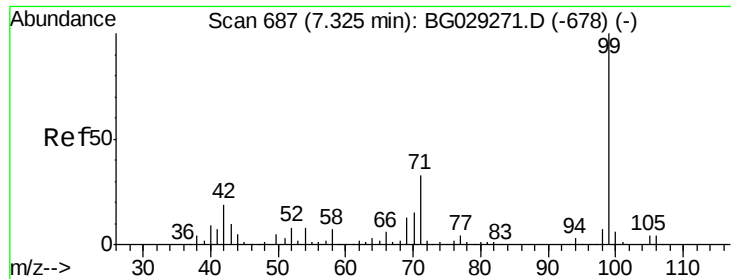
2-Fluorophenol
Concen: 42.87 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029312.D
Acq: 17 Oct 2017 22:11

Tgt Ion:112 Resp: 195622
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 31.4 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: 26.93 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029312.D

Acq: 17 Oct 2017 22:11

Instrument :

BNA_G

ClientSampleId :

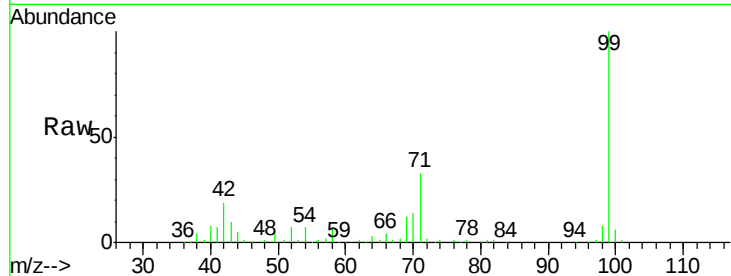
Tot Ion: 99 Resp: 172477

Ion Ratio Lower Upper

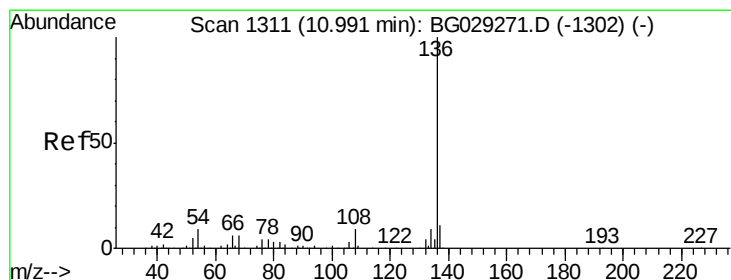
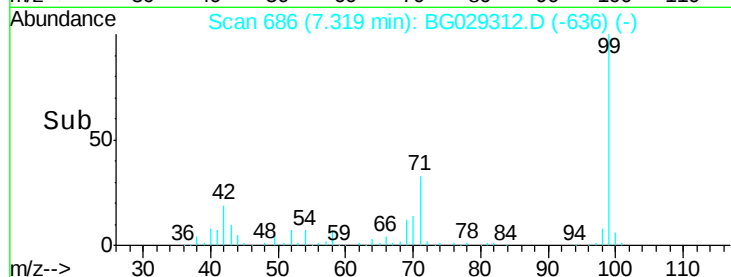
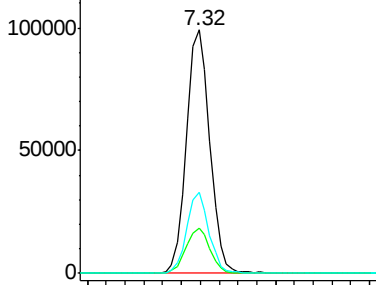
99 100

42 18.7 14.1 21.1

71 33.2 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: 20.00 ng

RT: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG029312.D

Acq: 17 Oct 2017 22:11

Tgt Ion: 136 Resp: 372115

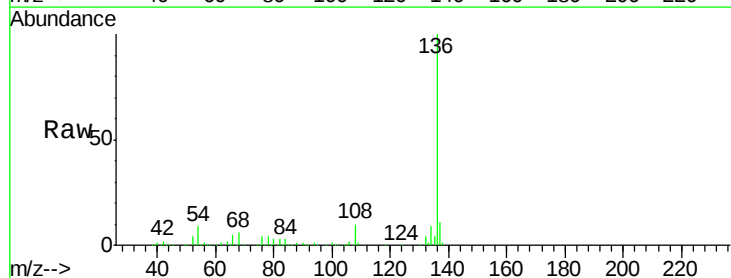
Ion Ratio Lower Upper

136 100

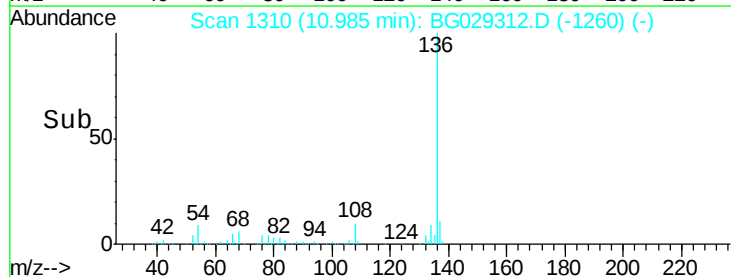
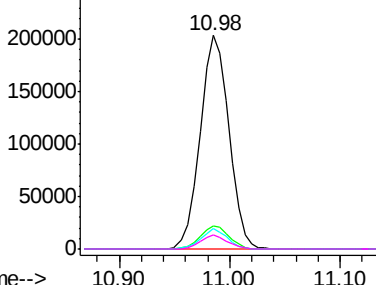
137 10.8 9.2 13.8

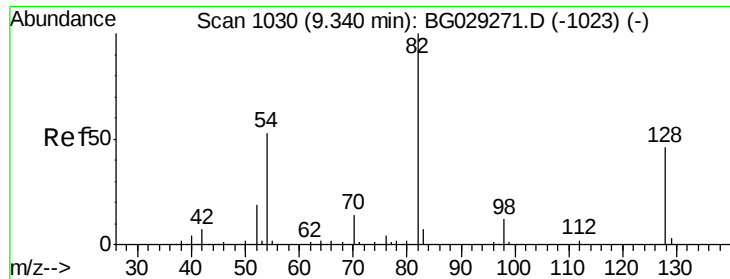
54 9.5 10.3 15.5#

68 6.4 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

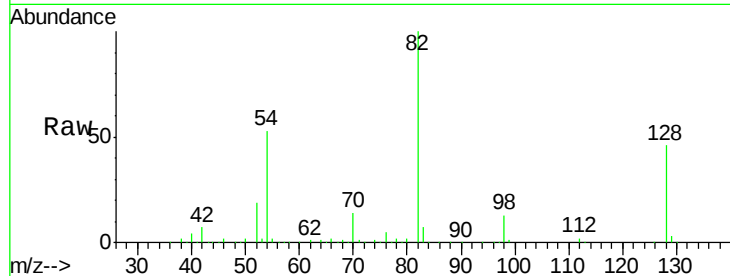




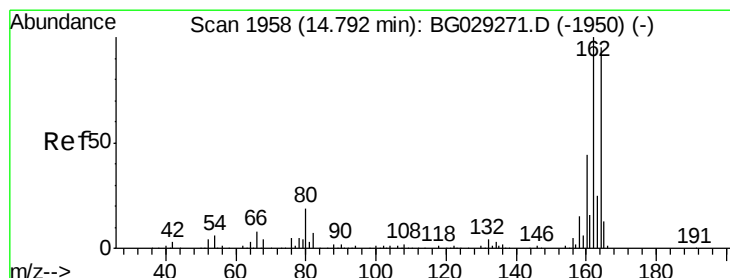
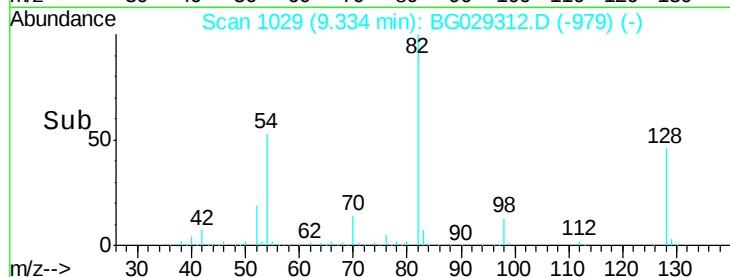
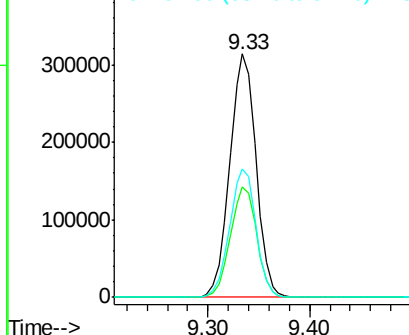
#23
Nitrobenzene-d5
Concen: 96.18 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029312.D
Acq: 17 Oct 2017 22:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 563222
Ion Ratio Lower Upper
82 100
128 45.6 29.7 44.5#
54 52.9 43.1 64.7

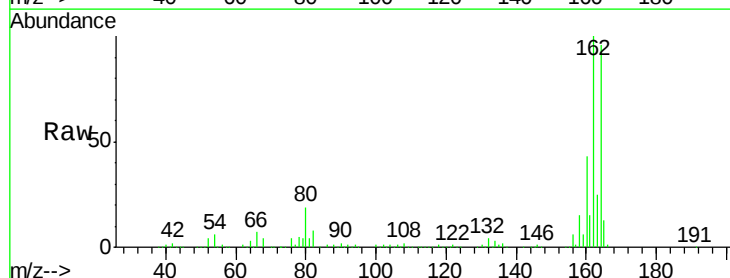


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

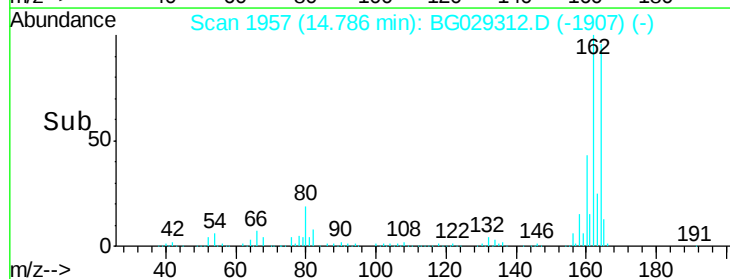
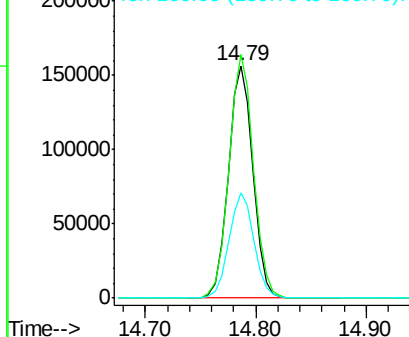


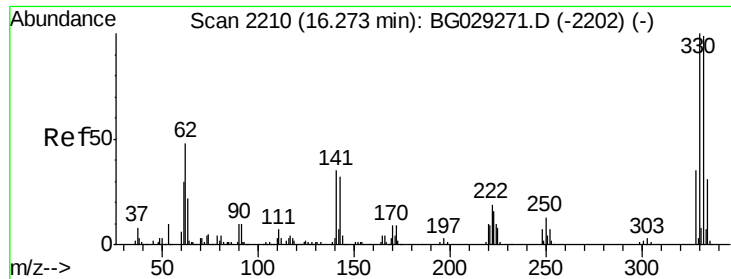
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029312.D
Acq: 17 Oct 2017 22:11

Tgt Ion: 164 Resp: 242325
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 45.2 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

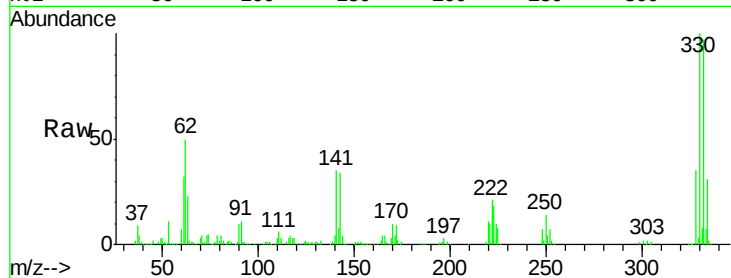




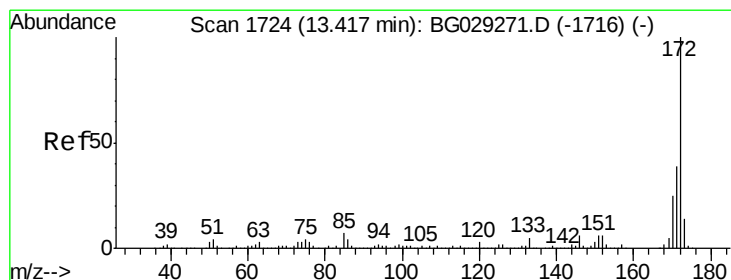
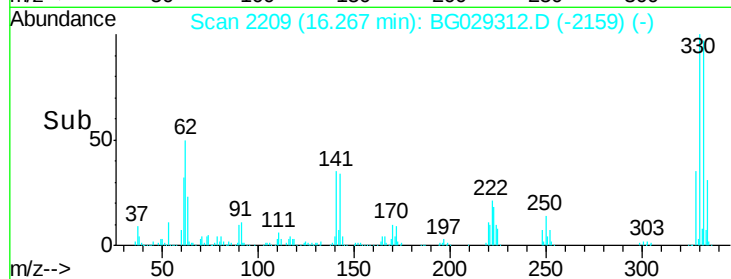
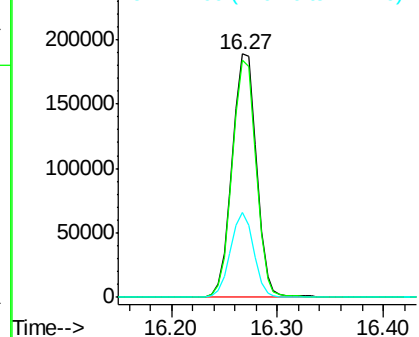
#41
 2,4,6-Tribromophenol
 Concen: 95.92 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029312.D
 Acq: 17 Oct 2017 22:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.4	25.2	37.8

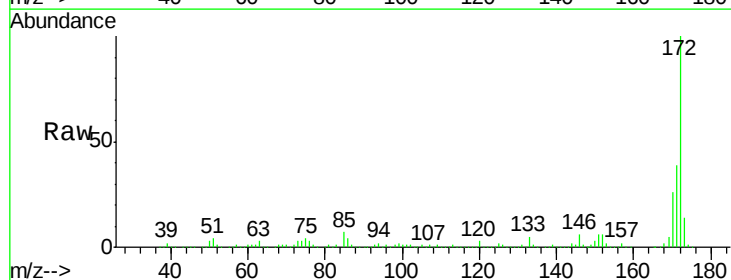


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

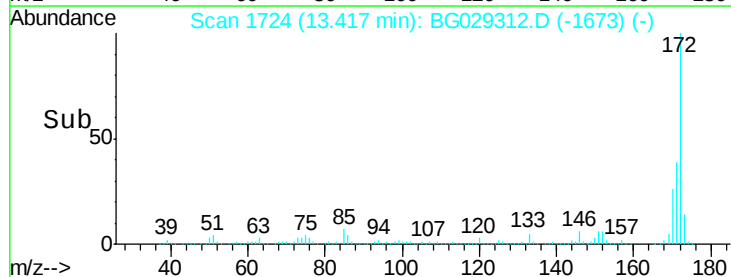
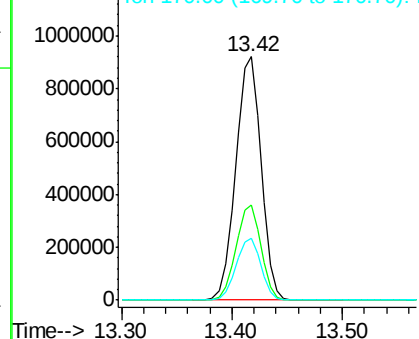


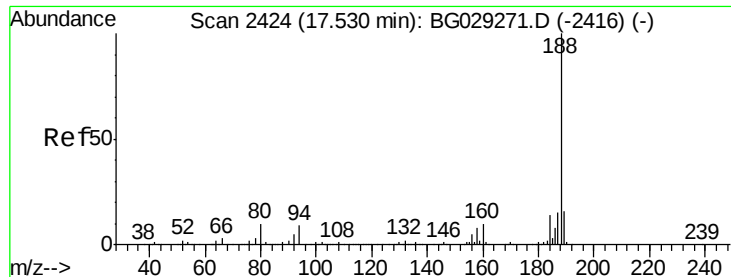
#44
 2-Fluorobiphenyl
 Concen: 90.02 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG029312.D
 Acq: 17 Oct 2017 22:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	25.6	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

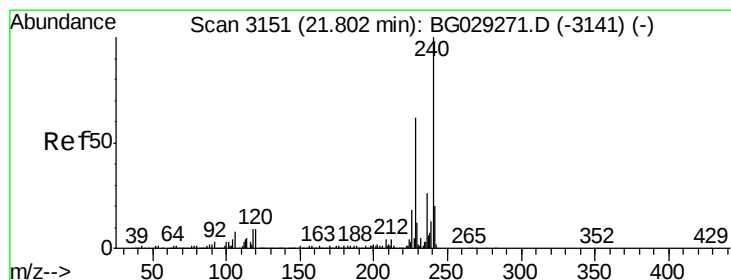
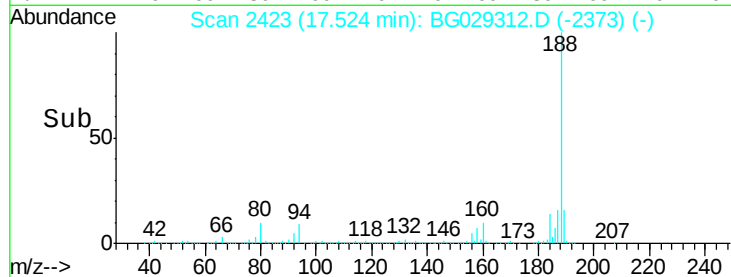
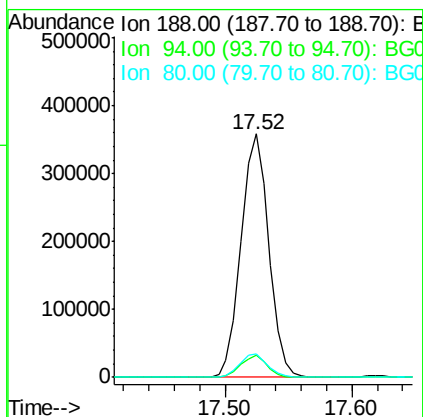
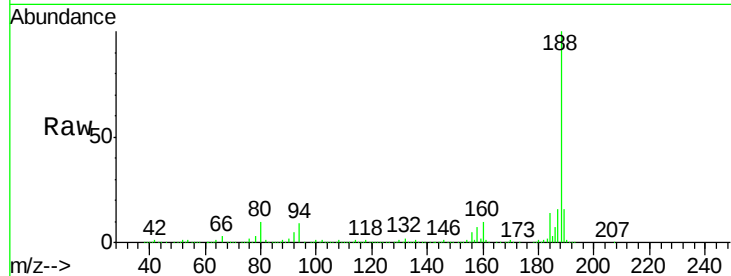




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029312.D
Acq: 17 Oct 2017 22:11

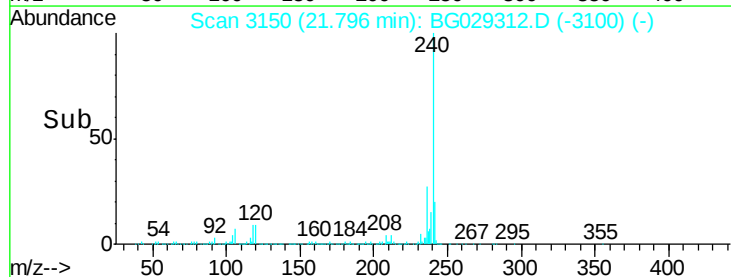
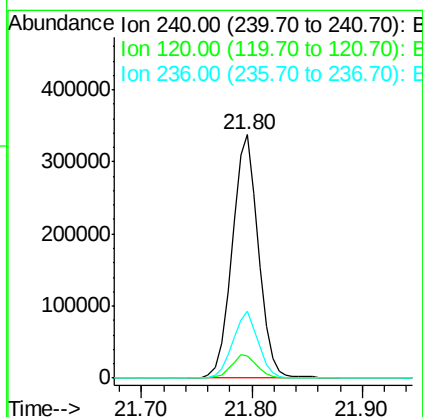
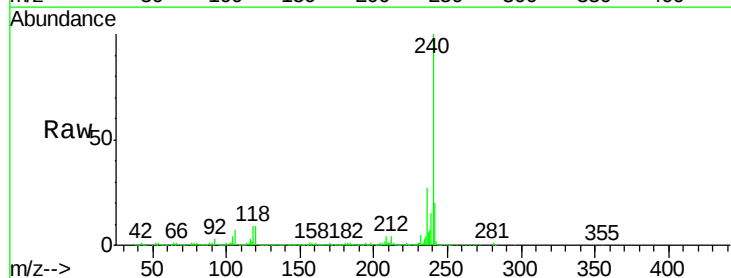
Instrument :
BNA_G
ClientSampleId :

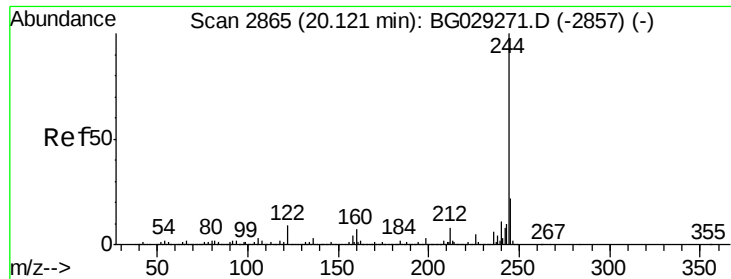
Tot Ion:188 Resp: 542780
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029312.D
Acq: 17 Oct 2017 22:11

Tgt Ion:240 Resp: 559763
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 27.4 20.9 31.3

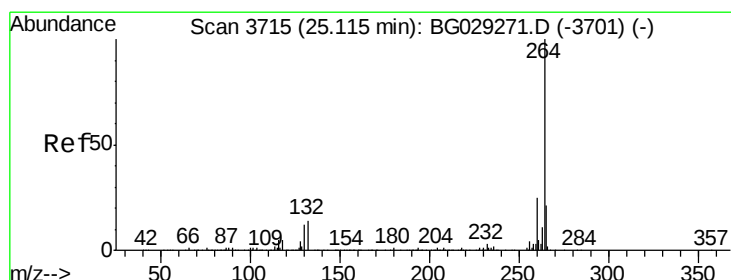
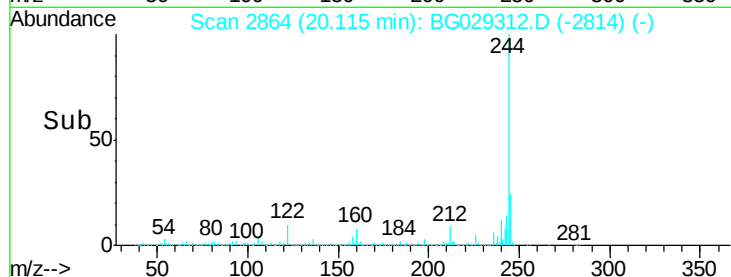
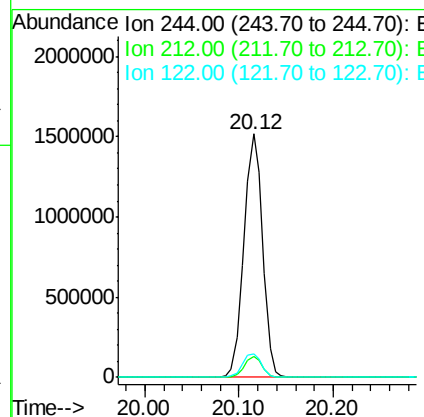
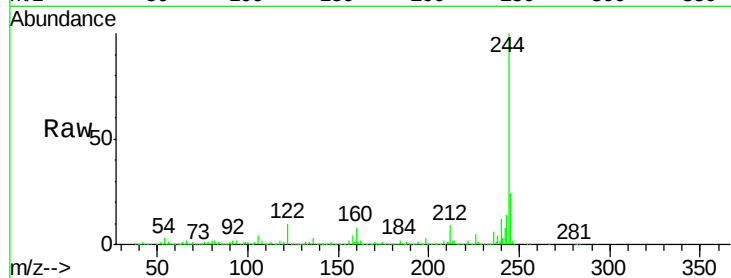




#78
 Terphenyl-d14
 Concen: 85.02 ng
 RT: 20.12 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG029312.D
 Acq: 17 Oct 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2092086
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 9.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG029312.D
 Acq: 17 Oct 2017 22:11

Tgt Ion:264 Resp: 570203
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 21.4 17.7 26.5

