

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030674.D
 Acq On : 2 Nov 2017 22:31
 Operator : SJ/JU
 Sample : PB103802BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 00:56:11 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	58493	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	267626	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	194322	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	492130	20.00	ng	0.00
75) Chrysene-d12	21.78	240	548126	20.00	ng	-0.01
86) Perylene-d12	25.08	264	556335	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	386941	110.51	ng	0.00
7) Phenol-d6	7.31	99	529814	107.80	ng	-0.01
23) Nitrobenzene-d5	9.32	82	303397	72.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	289783	115.50	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	932548	70.38	ng	0.00
78) Terphenyl-d14	20.10	244	1606063	66.66	ng	0.00

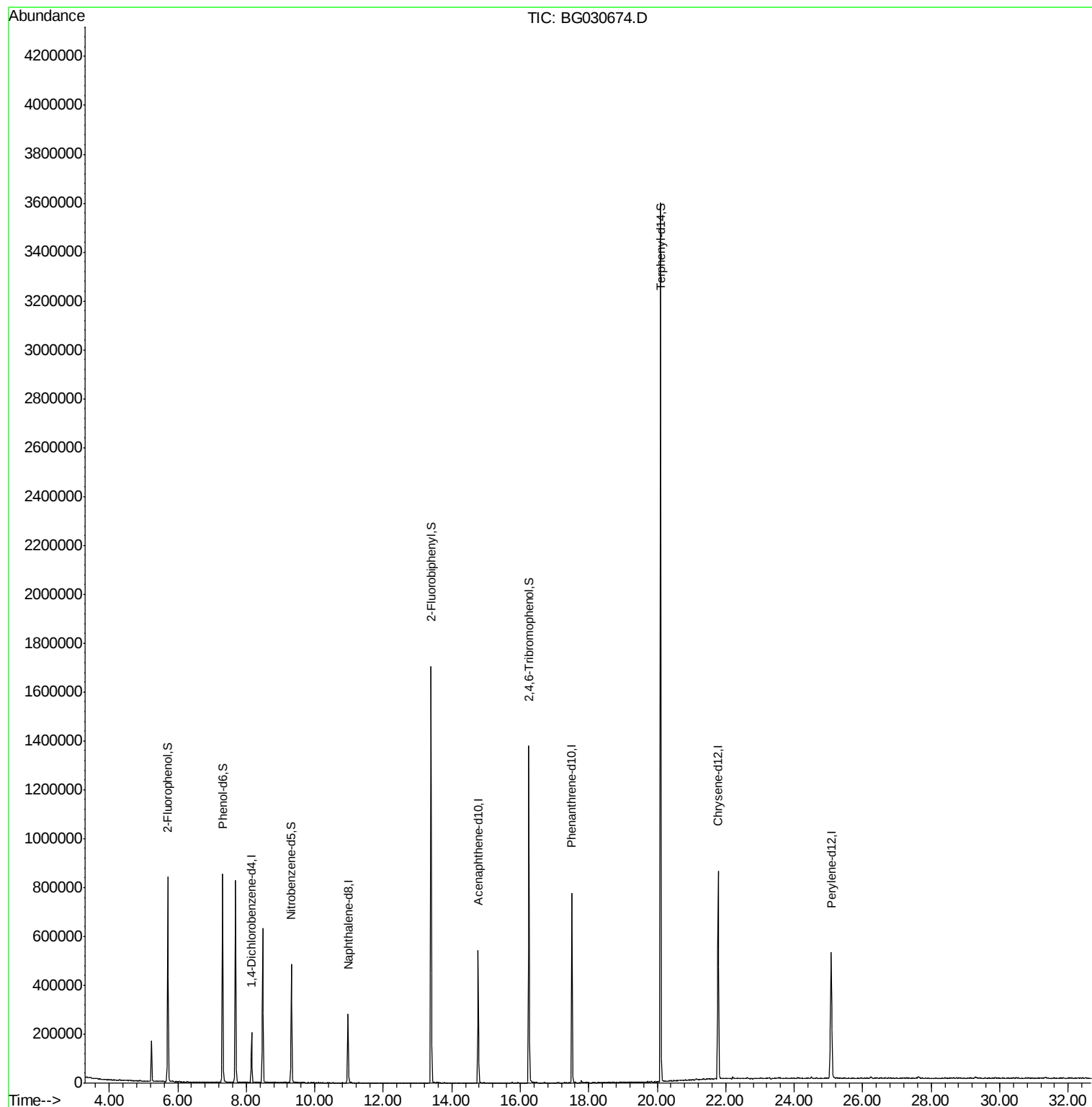
Target Compounds Qvalue

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

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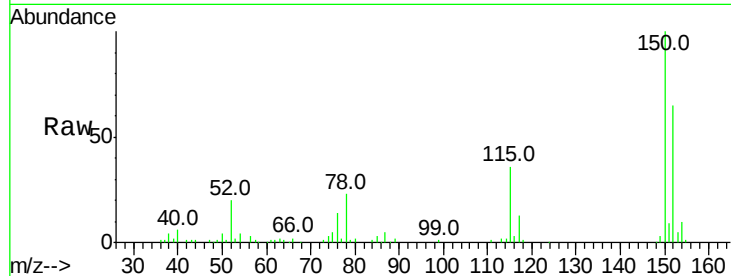


#1

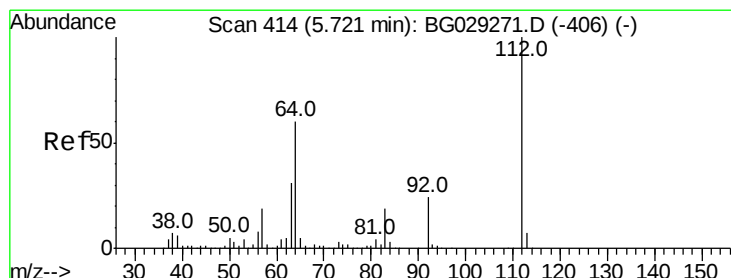
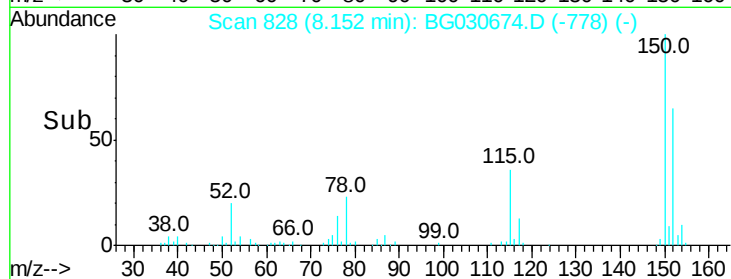
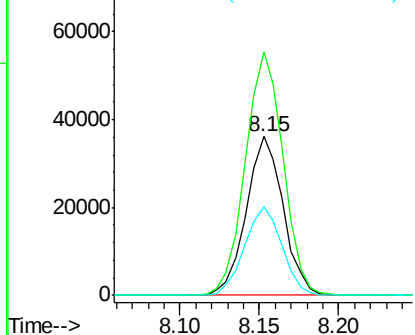
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030674.D
Acq: 2 Nov 2017 22:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58493
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 55.9 53.0 79.4



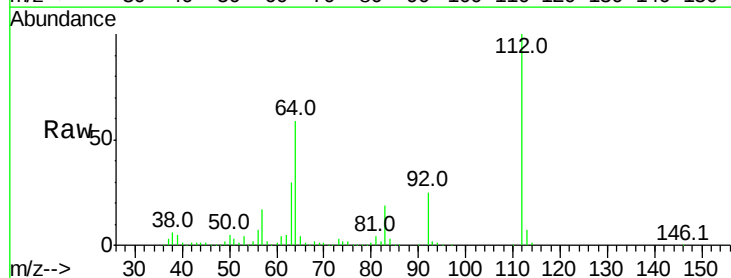
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



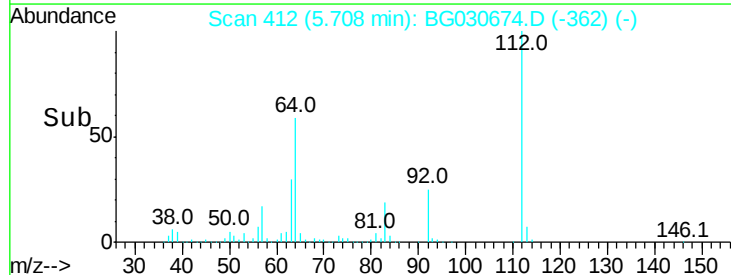
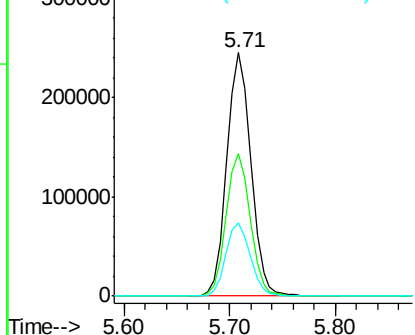
#5

2-Fluorophenol
Concen: 110.510 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.01 min
Lab File: BG030674.D
Acq: 2 Nov 2017 22:31

Tgt Ion:112 Resp: 386941
Ion Ratio Lower Upper
112 100
64 58.6 56.3 84.5
63 30.1 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: 107.800 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030674.D

Acq: 2 Nov 2017 22:31

Instrument :

BNA_G

ClientSampleId :

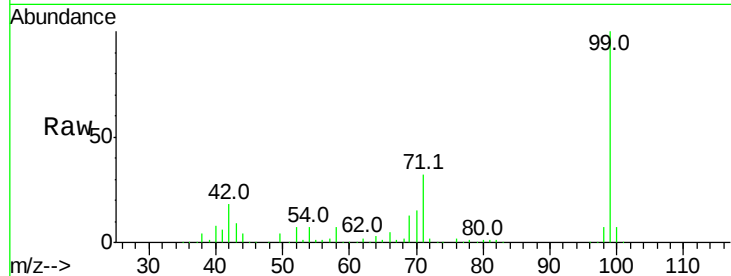
Tot Ion: 99 Resp: 529814

Ion Ratio Lower Upper

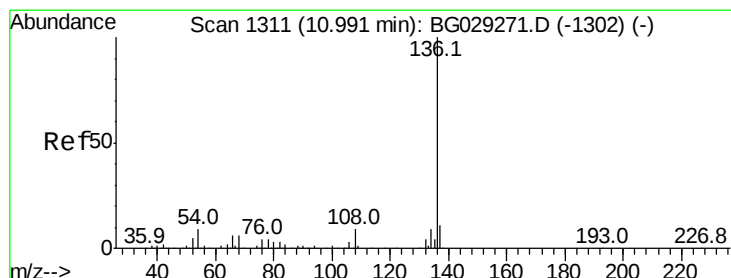
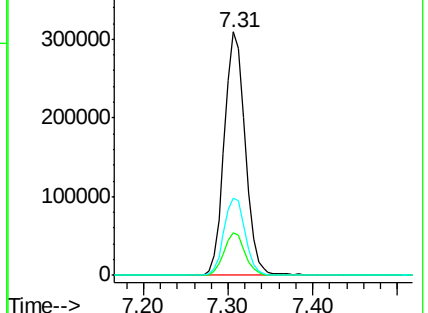
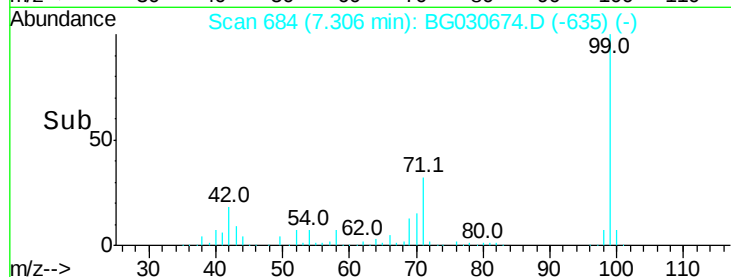
99 100

42 17.8 14.1 21.1

71 31.7 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: BG030674.D

Acq: 2 Nov 2017 22:31

Tgt Ion: 136 Resp: 267626

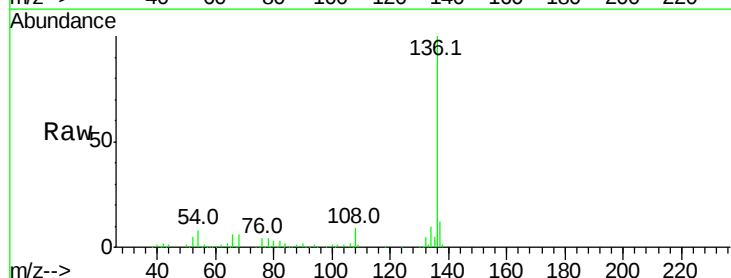
Ion Ratio Lower Upper

136 100

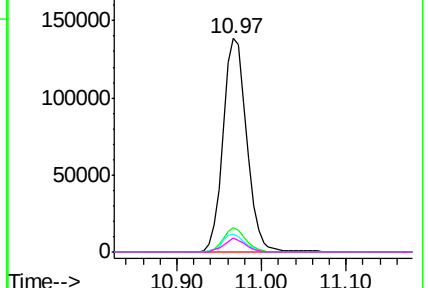
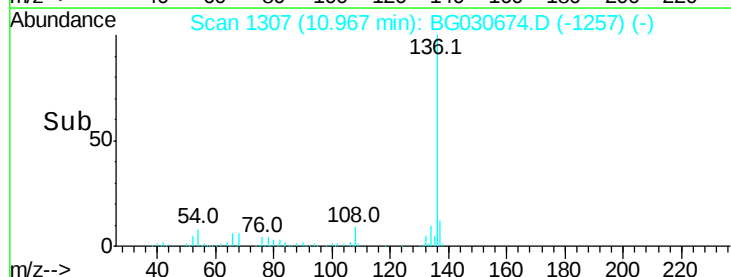
137 11.6 9.2 13.8

54 8.4 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

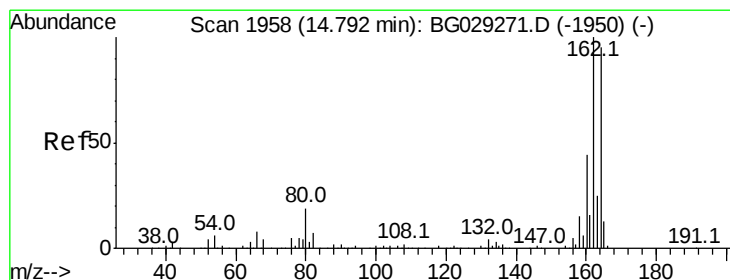
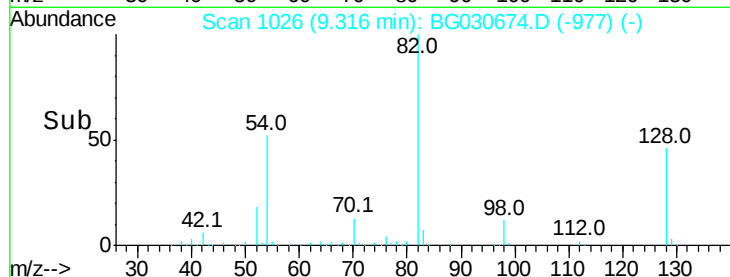
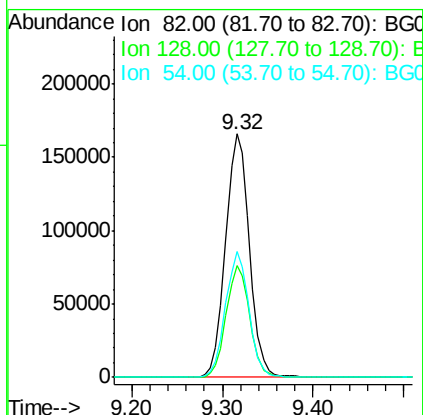
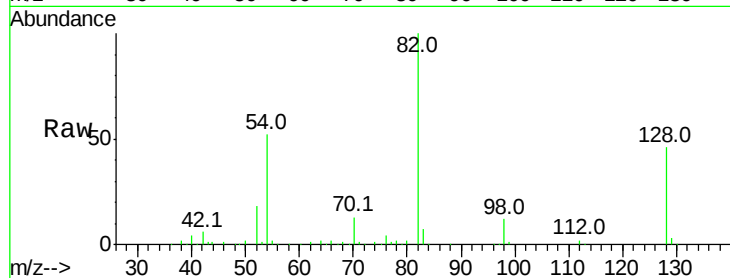




#23
Nitrobenzene-d5
Concen: 72.041 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030674.D
Acq: 2 Nov 2017 22:31

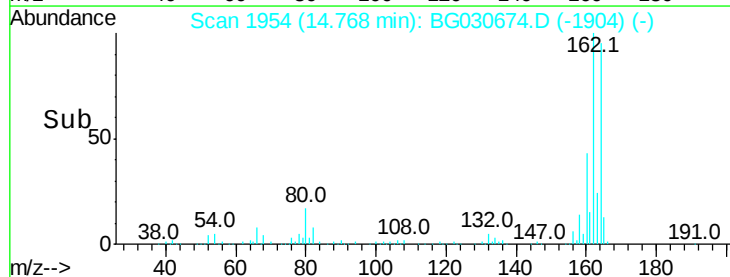
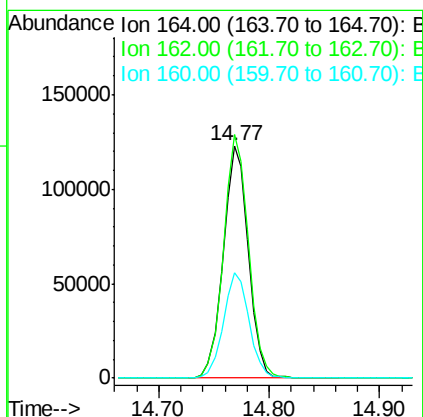
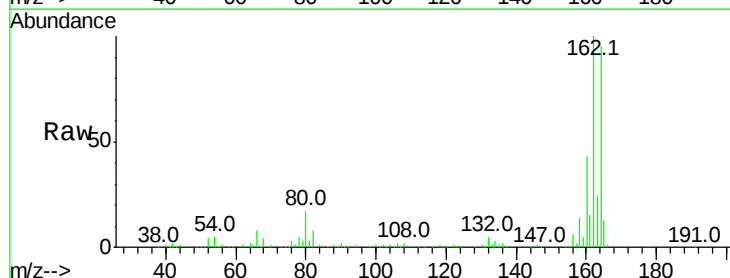
Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 303397
Ion Ratio Lower Upper
82 100
128 46.1 29.7 44.5#
54 51.6 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: BG030674.D
Acq: 2 Nov 2017 22:31

Tgt Ion:164 Resp: 194322
Ion Ratio Lower Upper
164 100
162 104.8 78.8 118.2
160 45.2 35.4 53.0

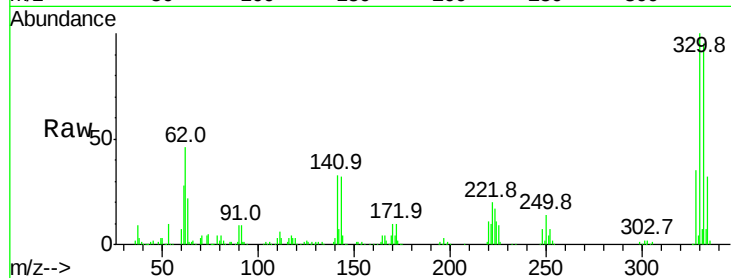




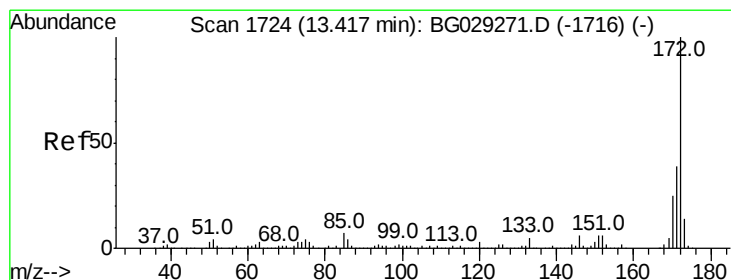
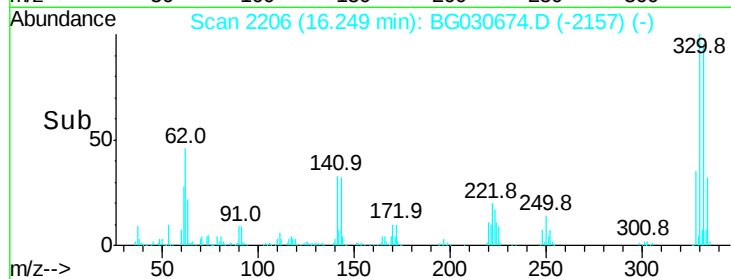
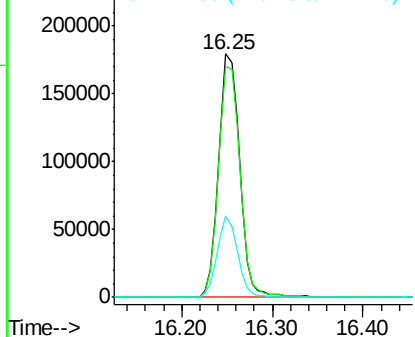
#41
 2,4,6-Tribromophenol
 Concen: 115.502 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030674.D
 Acq: 2 Nov 2017 22:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.1	25.2	37.8

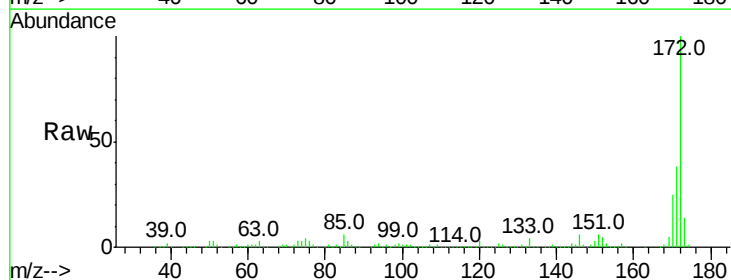


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

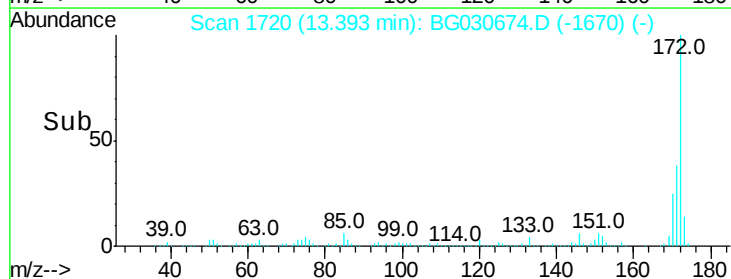
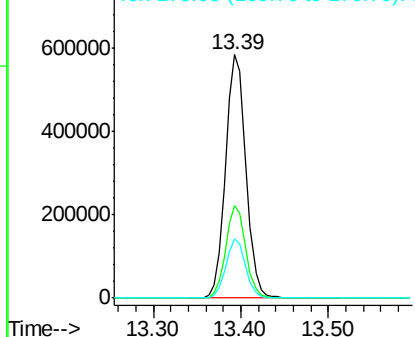


#44
 2-Fluorobiphenyl
 Concen: 70.384 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030674.D
 Acq: 2 Nov 2017 22:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.6	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

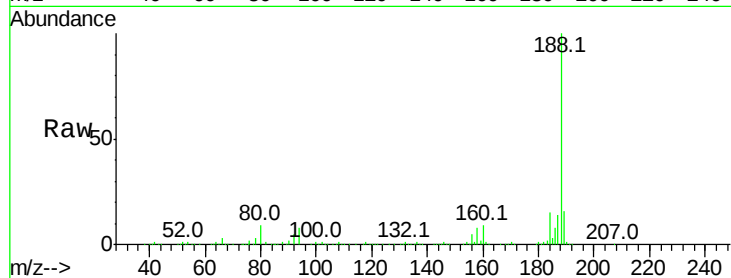




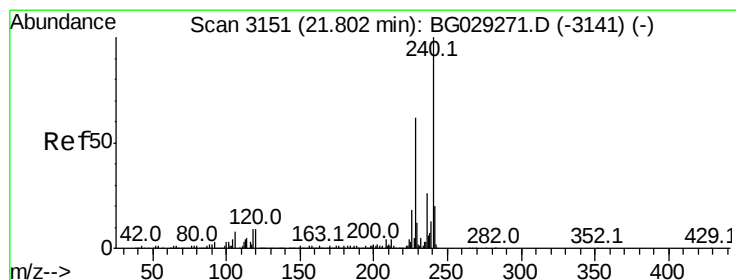
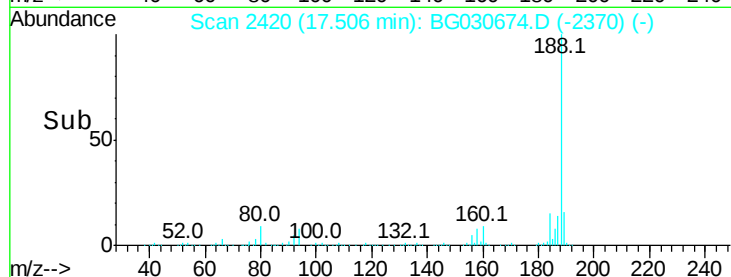
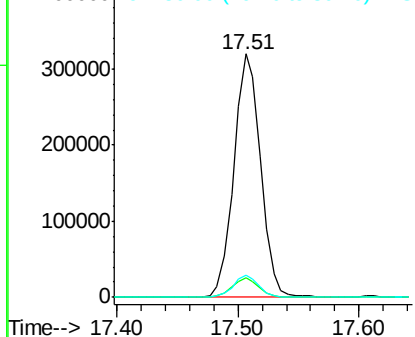
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030674.D
Acq: 2 Nov 2017 22:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 492130
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.2 7.7 11.5

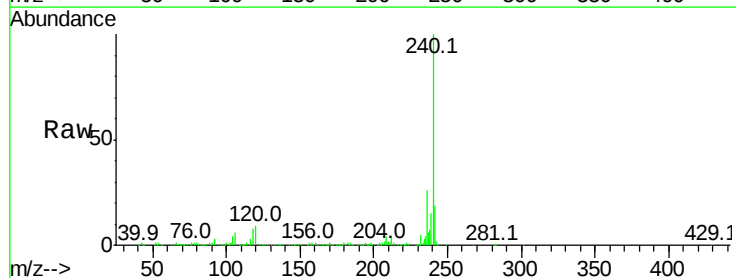


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

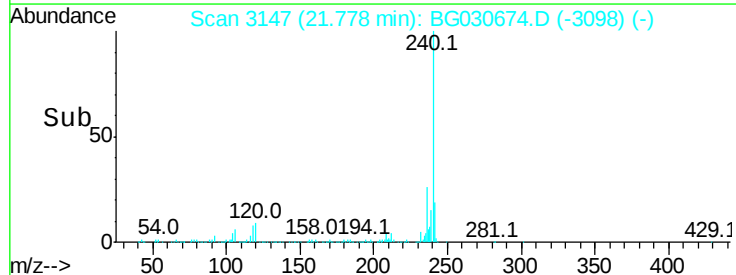
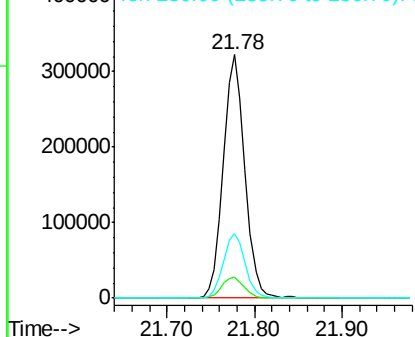


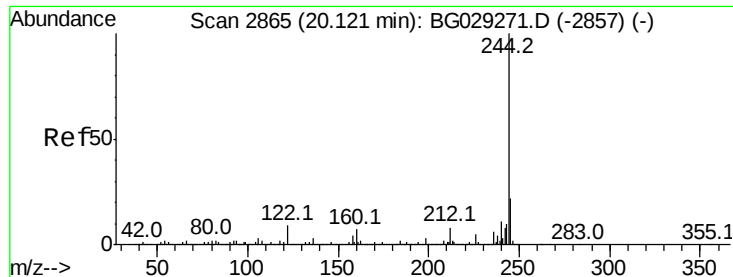
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030674.D
Acq: 2 Nov 2017 22:31

Tgt Ion:240 Resp: 548126
Ion Ratio Lower Upper
240 100
120 8.5 6.8 10.2
236 26.3 20.9 31.3



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

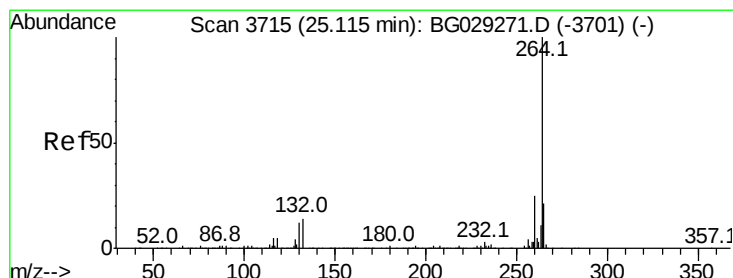
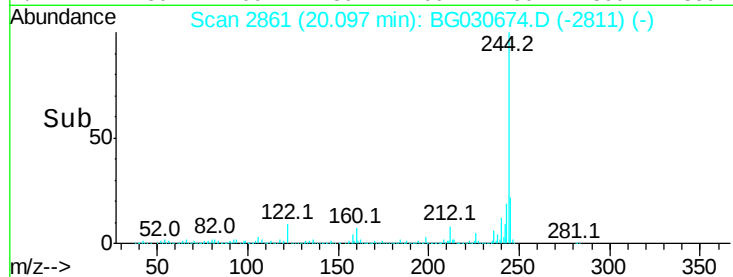
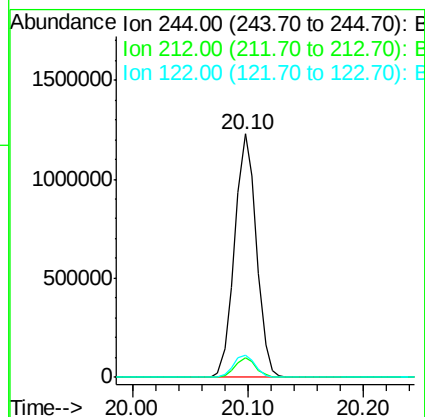
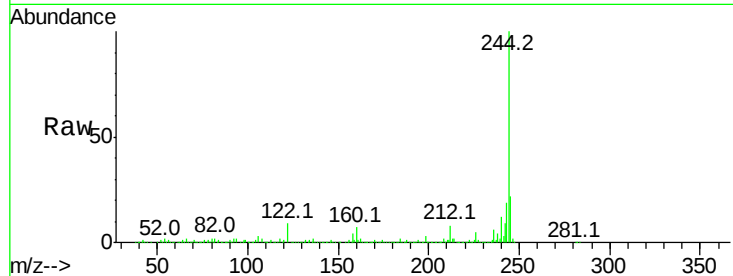




#78
 Terphenyl-d14
 Concen: 66.658 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG030674.D
 Acq: 2 Nov 2017 22:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1606063
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 9.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.02 min
 Lab File: BG030674.D
 Acq: 2 Nov 2017 22:31

Tgt Ion:264 Resp: 556335
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.4 26.0
 265 21.9 17.7 26.5

