

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030723.D
 Acq On : 4 Nov 2017 5:38
 Operator : SJ/JU
 Sample : I6299-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 04 06:39:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	58169	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	265964	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	187137	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	476130	20.00	ng	0.00
75) Chrysene-d12	21.78	240	515081	20.00	ng	0.00
86) Perylene-d12	25.07	264	517030	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	491876	141.26	ng	0.00
7) Phenol-d6	7.31	99	601867	123.14	ng	0.00
23) Nitrobenzene-d5	9.32	82	439744	105.07	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	415700	172.05	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1189784	93.25	ng	0.00
78) Terphenyl-d14	20.10	244	2149772	94.95	ng	0.00

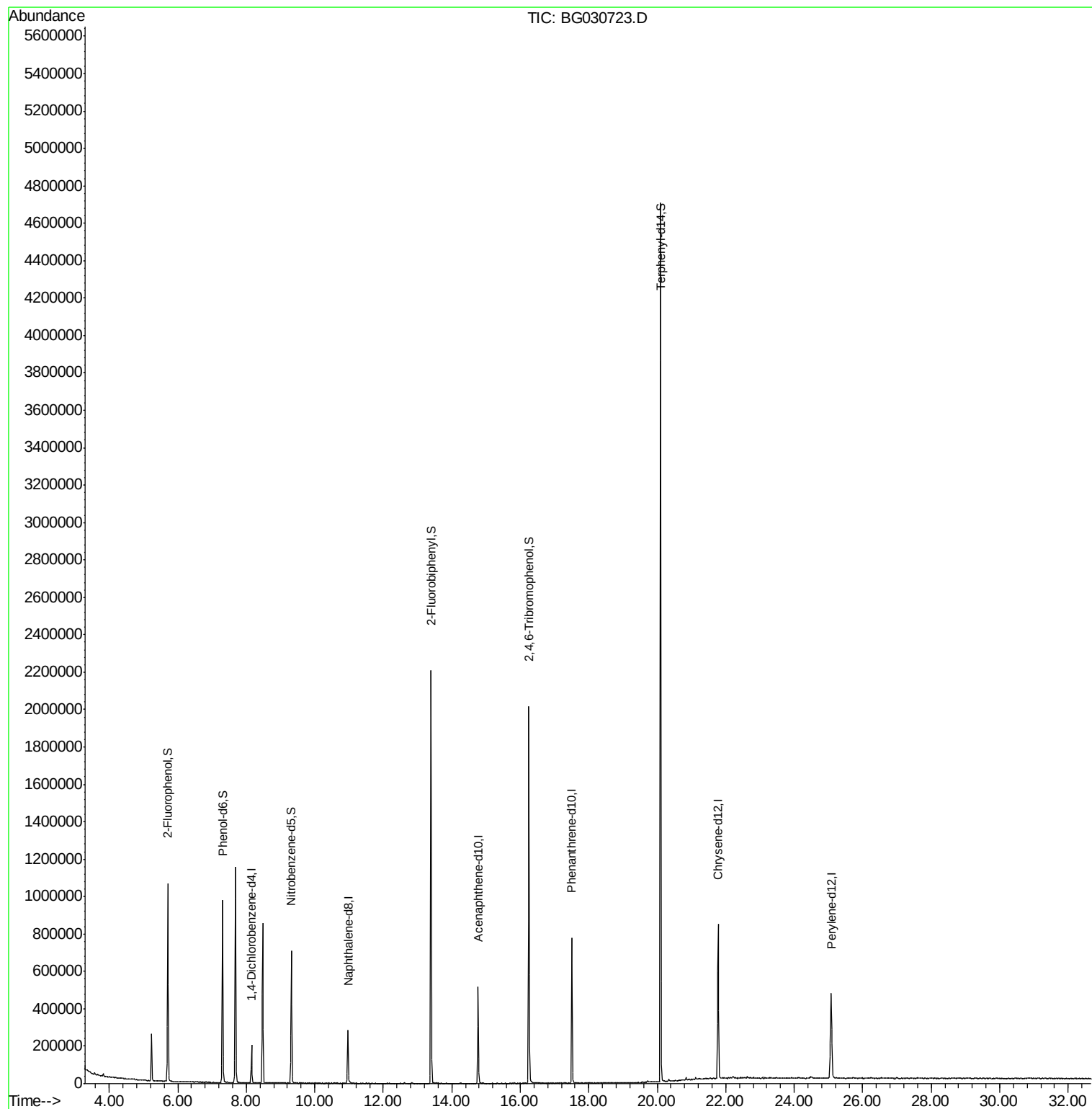
Target Compounds Qvalue

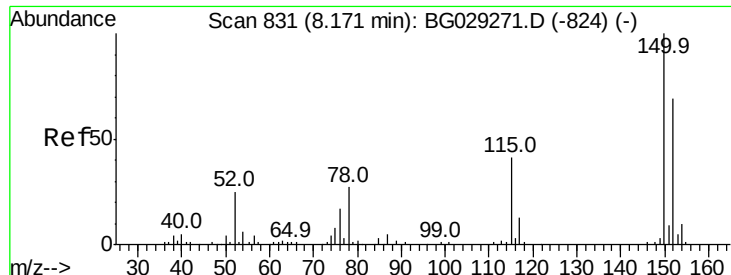
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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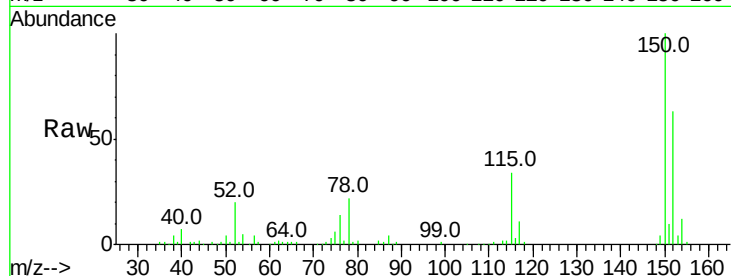


#1

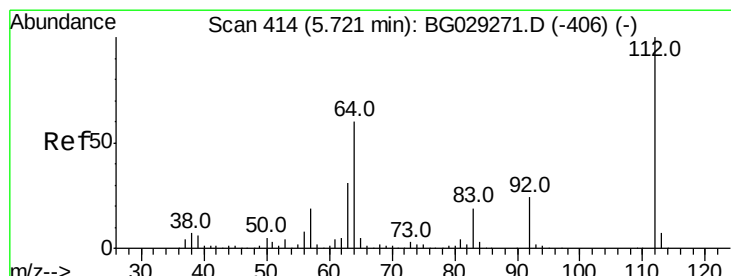
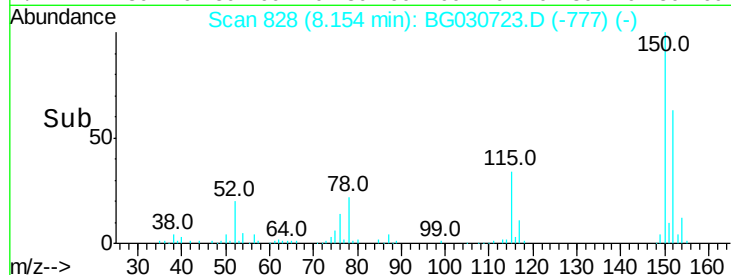
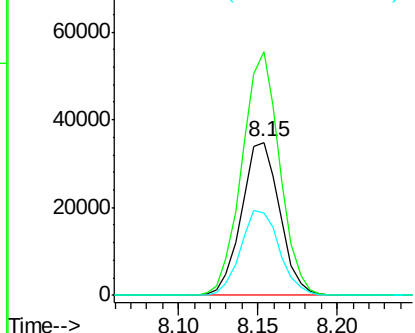
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG030723.D
Acq: 4 Nov 2017 5:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58169
Ion Ratio Lower Upper
152 100
150 159.3 126.6 189.8
115 54.3 53.0 79.4



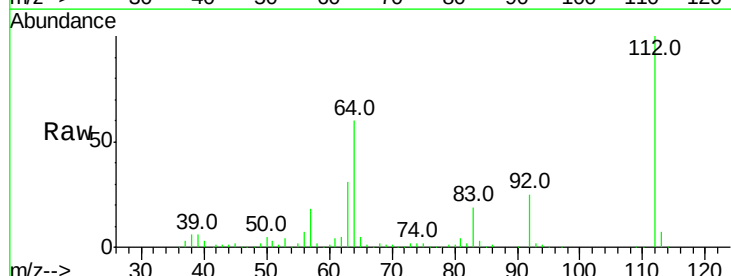
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



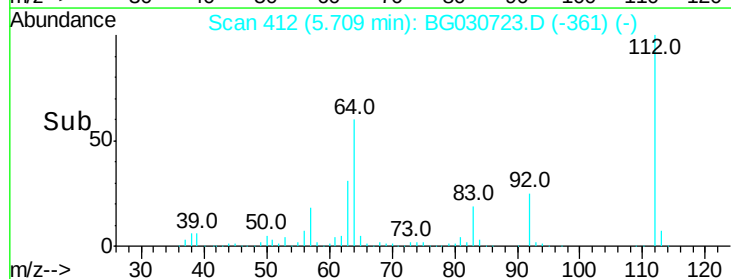
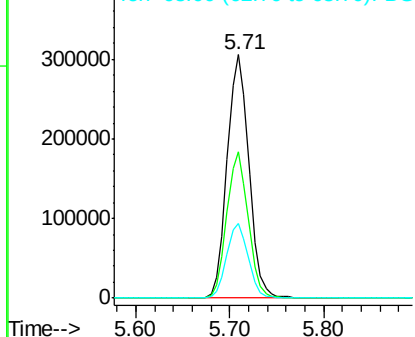
#5

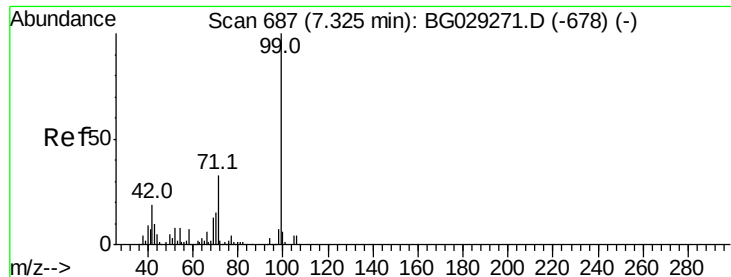
2-Fluorophenol
Concen: 141.262 ng
RT: 5.71 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG030723.D
Acq: 4 Nov 2017 5:38

Tgt Ion:112 Resp: 491876
Ion Ratio Lower Upper
112 100
64 59.9 56.3 84.5
63 30.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 123.143 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030723.D

Acq: 4 Nov 2017 5:38

Instrument :

BNA_G

ClientSampleId :

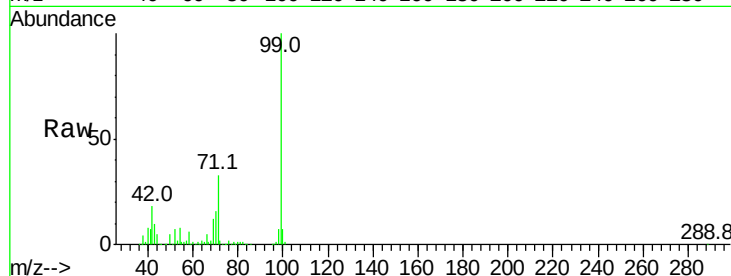
Tot Ion: 99 Resp: 601867

Ion Ratio Lower Upper

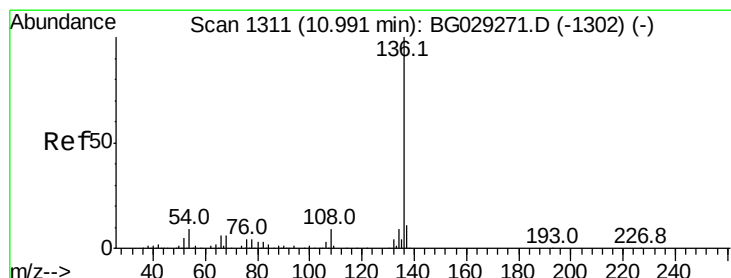
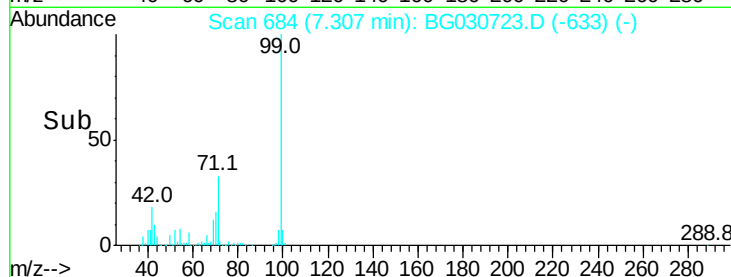
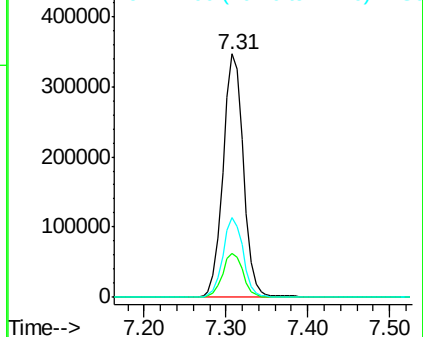
99 100

42 18.2 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. 0.00 min

Lab File: BG030723.D

Acq: 4 Nov 2017 5:38

Tgt Ion: 136 Resp: 265964

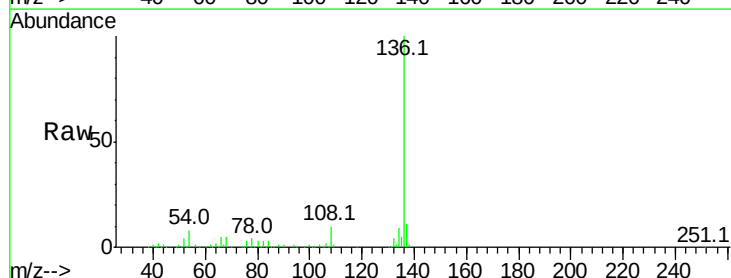
Ion Ratio Lower Upper

136 100

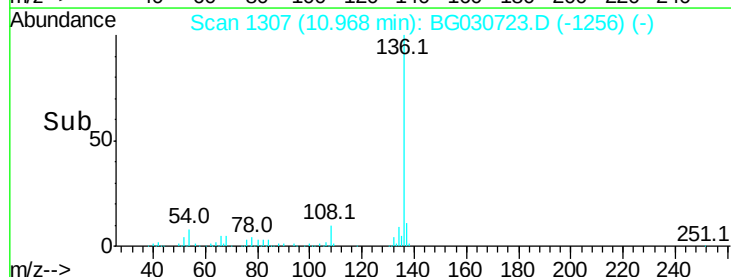
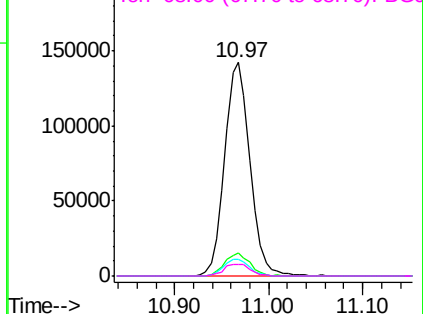
137 11.1 9.2 13.8

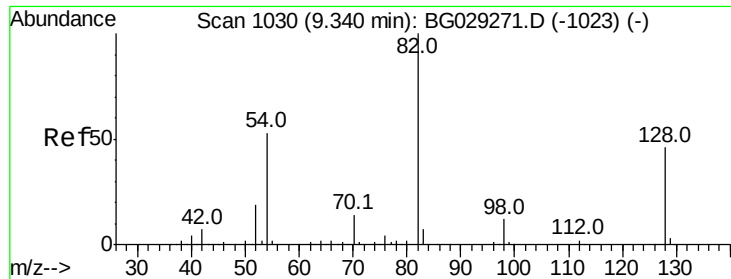
54 8.0 10.3 15.5#

68 5.5 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

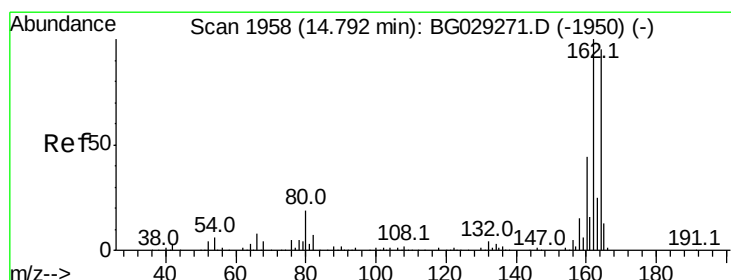
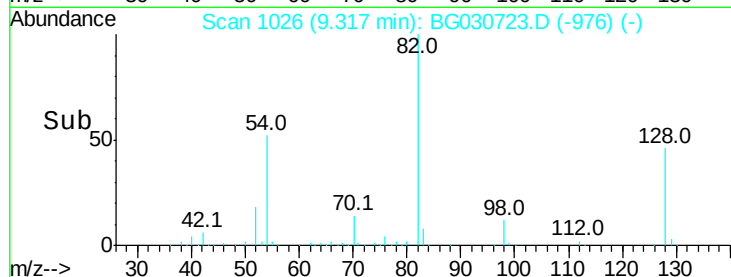
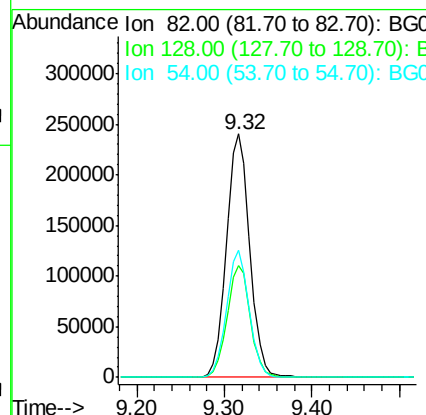
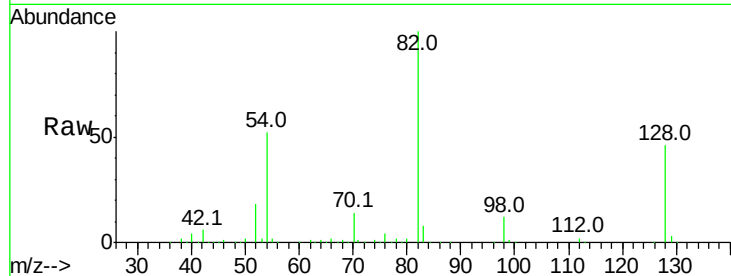




#23
 Nitrobenzene-d5
 Concen: 105.069 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG030723.D
 Acq: 4 Nov 2017 5:38

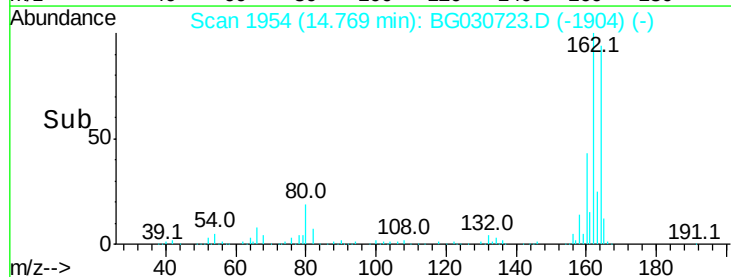
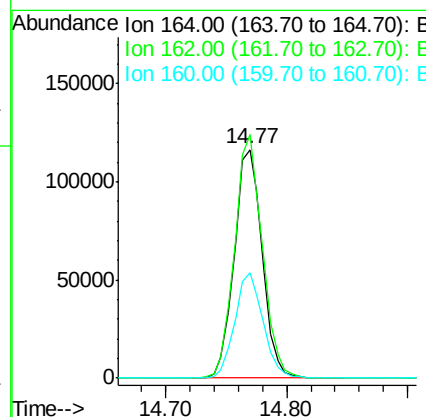
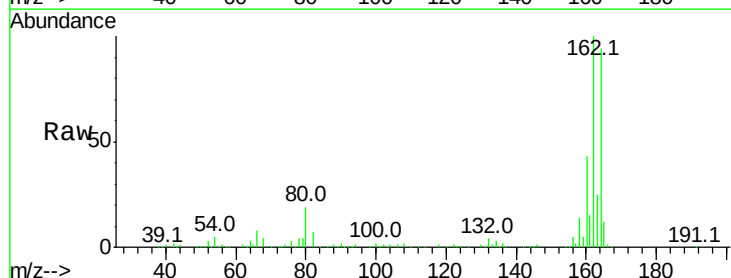
Instrument :
 BNA_G
 ClientSampleID :

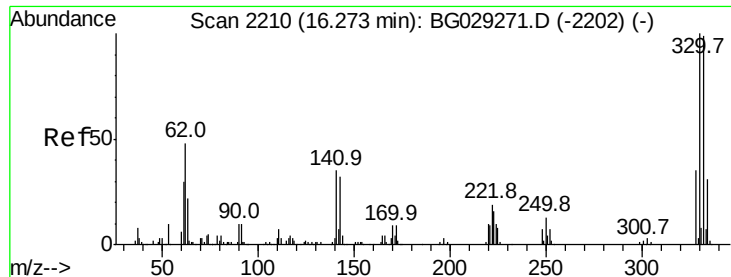
Tot Ion: 82 Resp: 439744
 Ion Ratio Lower Upper
 82 100
 128 45.7 29.7 44.5#
 54 52.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG030723.D
 Acq: 4 Nov 2017 5:38

Tgt Ion: 164 Resp: 187137
 Ion Ratio Lower Upper
 164 100
 162 106.4 78.8 118.2
 160 46.1 35.4 53.0

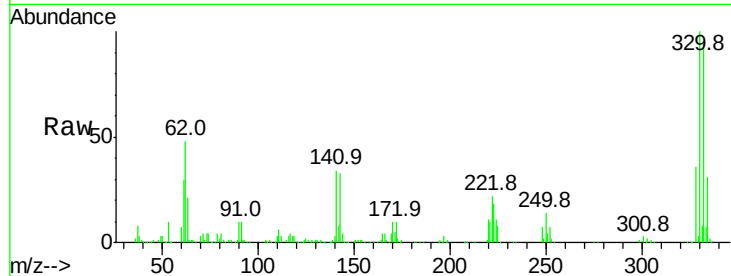




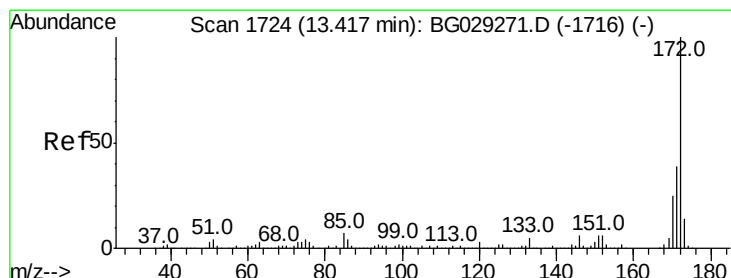
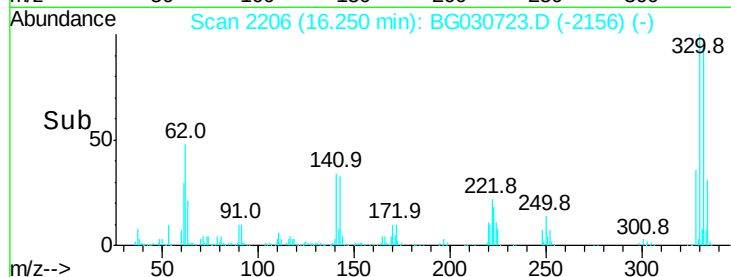
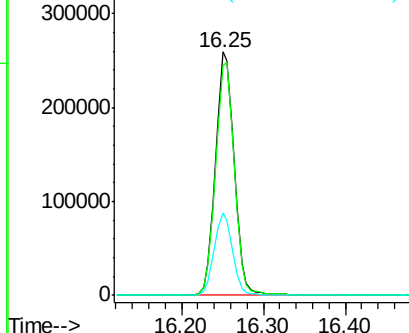
#41
 2,4,6-Tribromophenol
 Concen: 172.052 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030723.D
 Acq: 4 Nov 2017 5:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.3	25.2	37.8

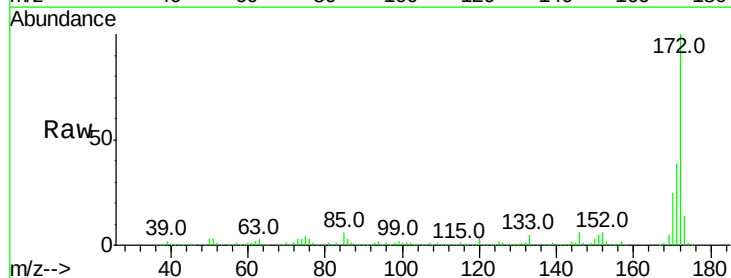


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

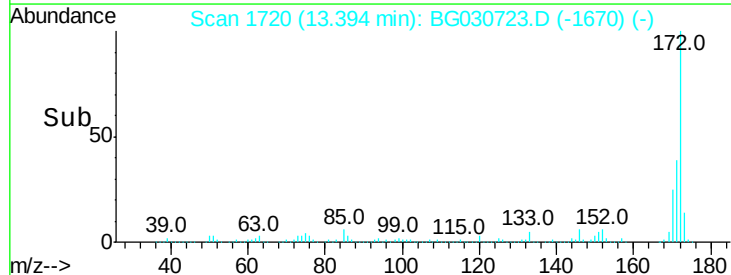
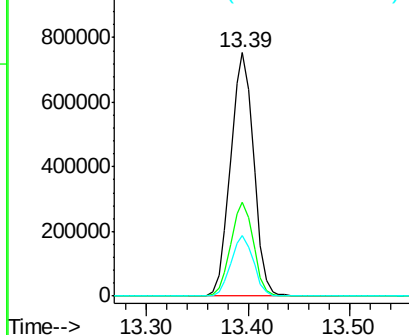


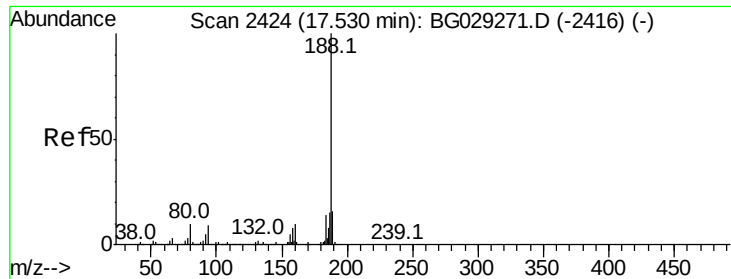
#44
 2-Fluorobiphenyl
 Concen: 93.247 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030723.D
 Acq: 4 Nov 2017 5:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	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

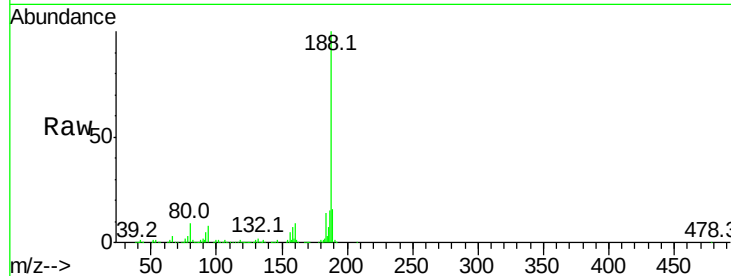




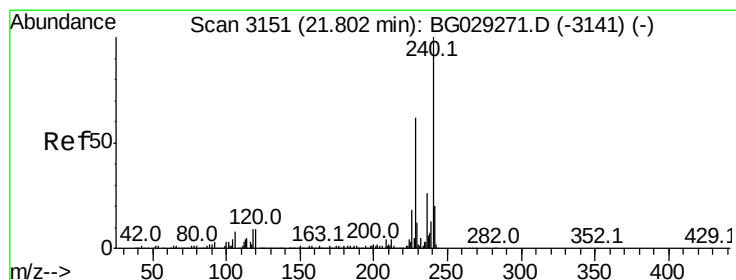
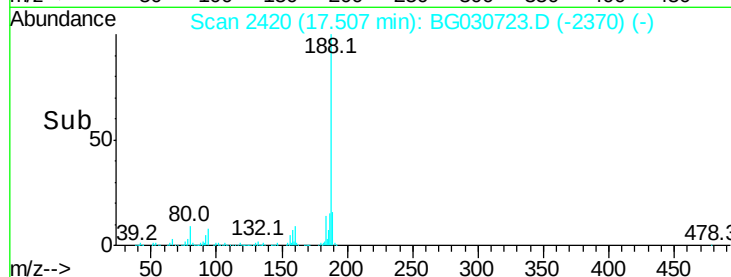
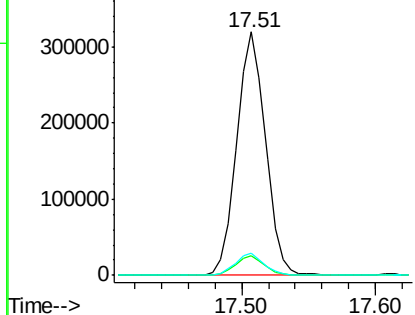
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030723.D
Acq: 4 Nov 2017 5:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	188	Resp	476130
Ion Ratio	100	Lower	Upper
94	8.2	6.9	10.3
80	9.2	7.7	11.5

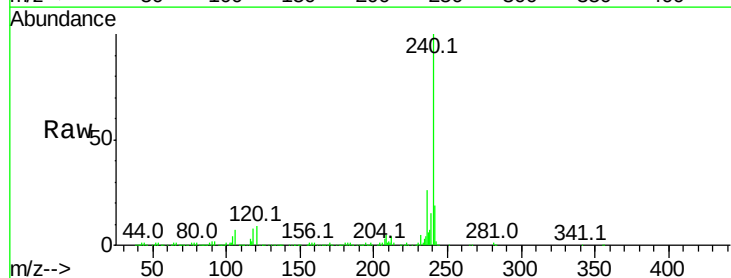


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

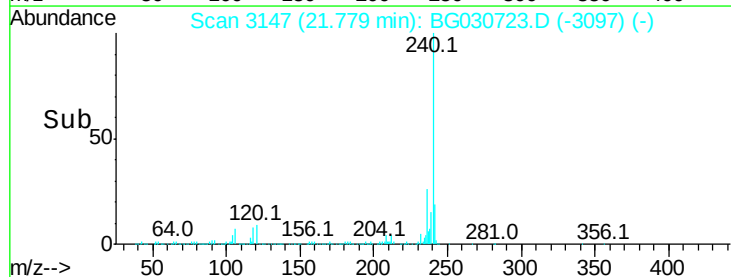
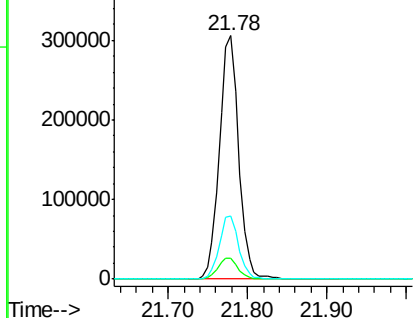


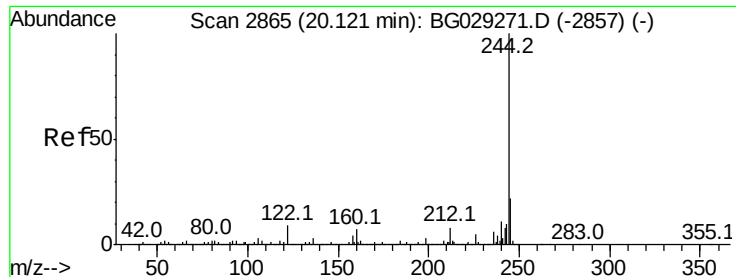
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030723.D
Acq: 4 Nov 2017 5:38

Tgt Ion	240	Resp	515081
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
120	8.5	6.8	10.2
236	26.2	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: 94.948 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030723.D

Acq: 4 Nov 2017 5:38

Instrument :

BNA_G

ClientSampleId :

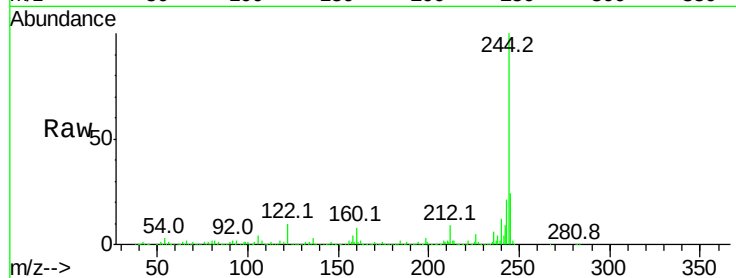
Tot Ion:244 Resp: 2149772

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

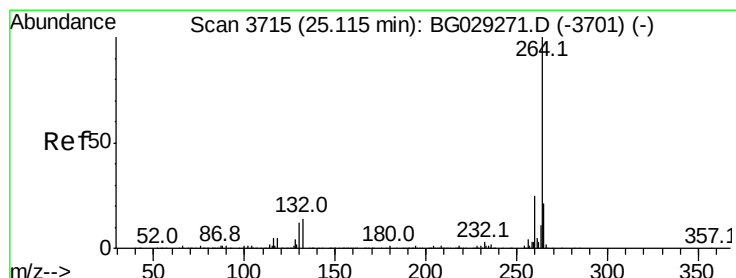
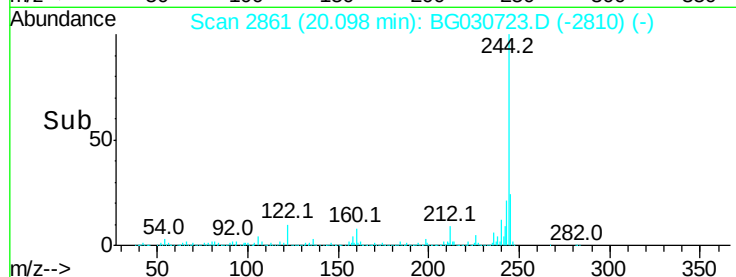
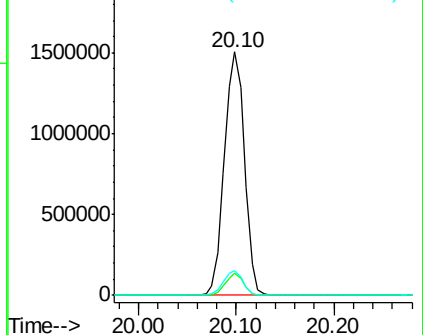
122 10.3 7.0 10.4



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: BG030723.D

Acq: 4 Nov 2017 5:38

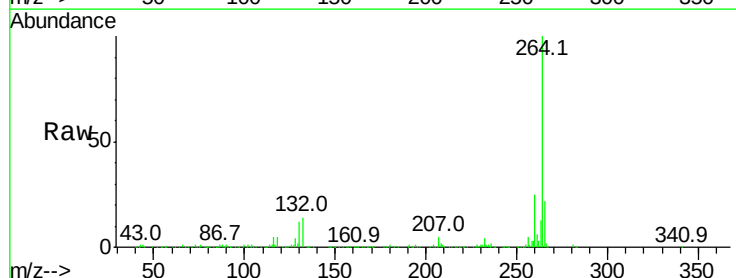
Tgt Ion:264 Resp: 517030

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 22.3 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

