

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030702.D
 Acq On : 3 Nov 2017 16:28
 Operator : SJ/JU
 Sample : PB103948BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103948BL

Quant Time: Nov 03 17:16:11 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	62570	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	289173	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	210089	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	519137	20.00	ng	0.00
75) Chrysene-d12	21.78	240	566150	20.00	ng	0.00
86) Perylene-d12	25.08	264	574309	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	364134	97.22	ng	0.00
7) Phenol-d6	7.31	99	499619	95.03	ng	0.00
23) Nitrobenzene-d5	9.32	82	287393	63.16	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	265919	98.04	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	868088	60.60	ng	0.00
78) Terphenyl-d14	20.10	244	1462997	58.79	ng	0.00

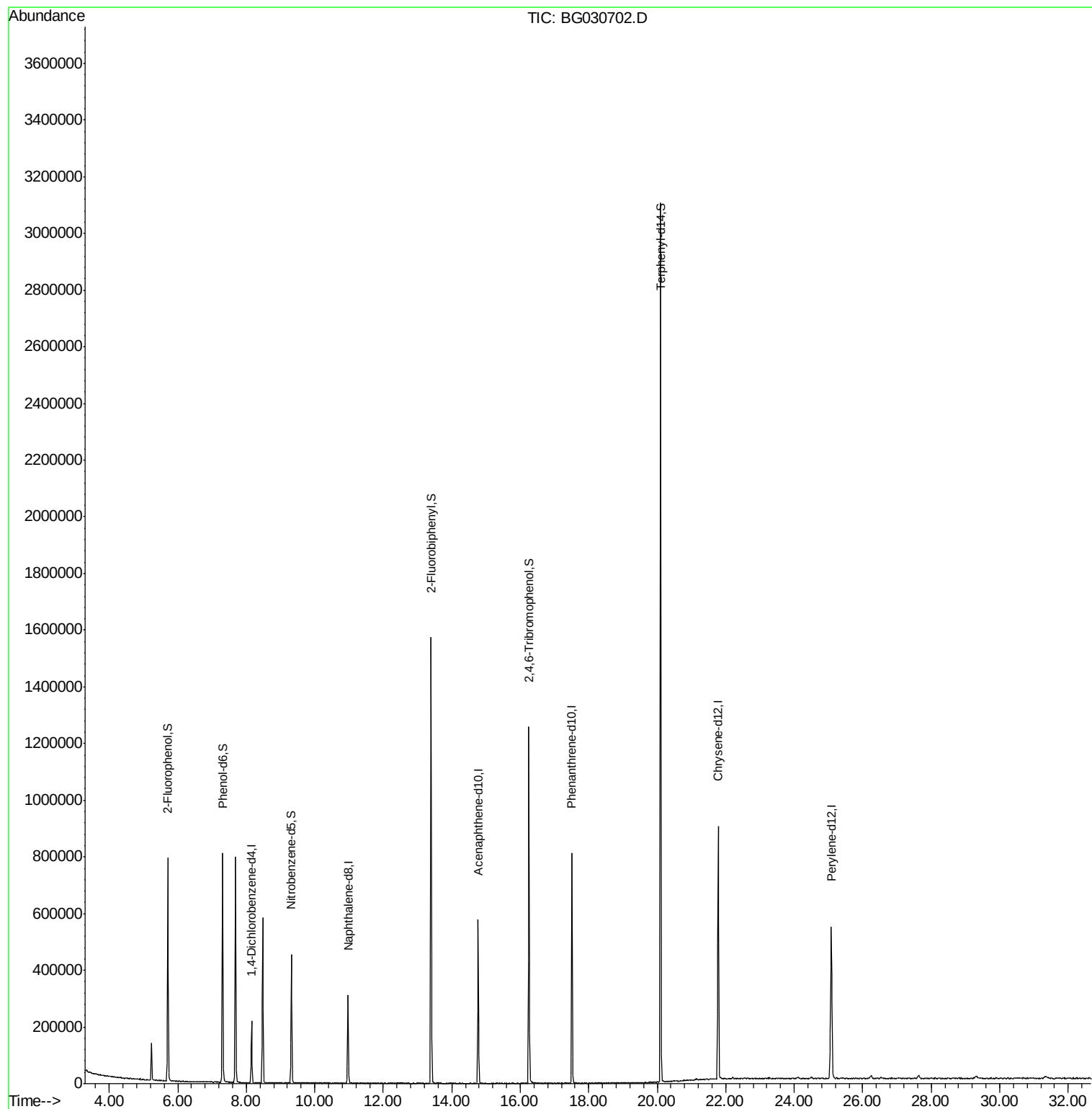
Target Compounds Qvalue

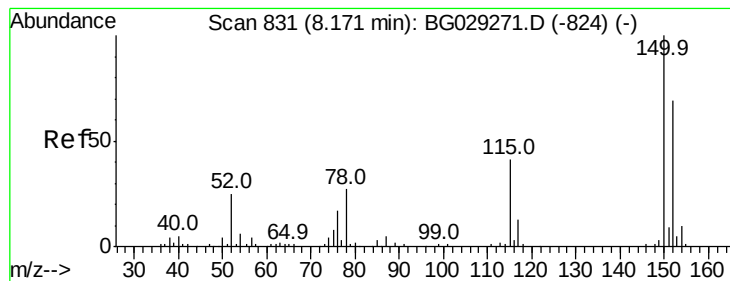
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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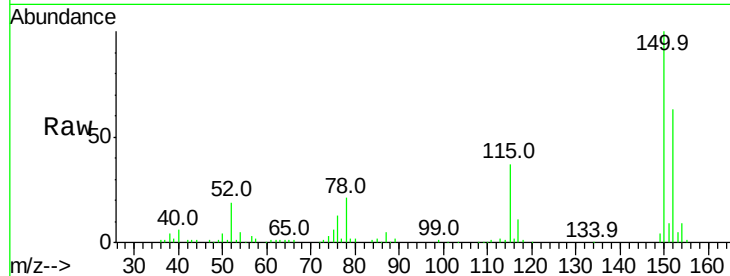


#1

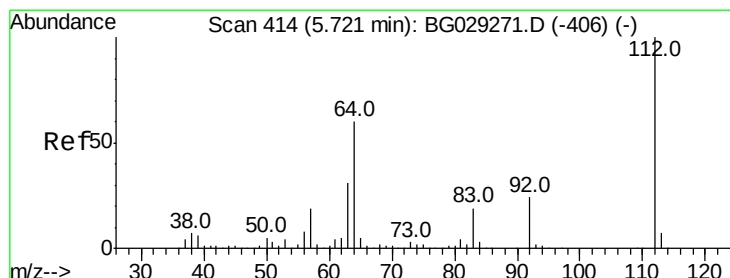
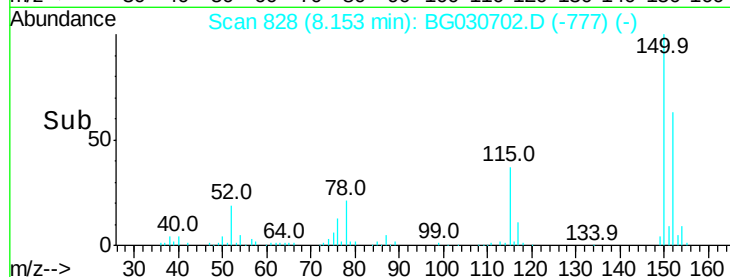
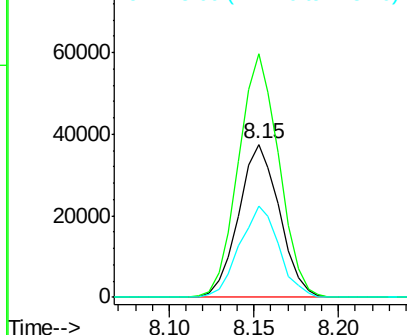
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030702.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_G
ClientSampleId :
PB103948BL

Tot Ion:152 Resp: 62570
Ion Ratio Lower Upper
152 100
150 158.8 126.6 189.8
115 59.3 53.0 79.4



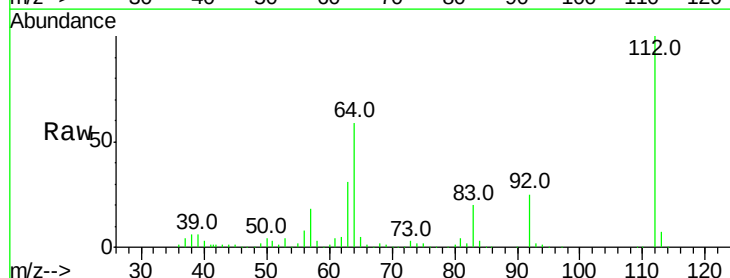
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



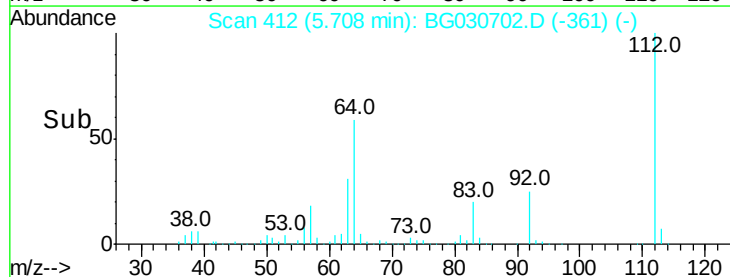
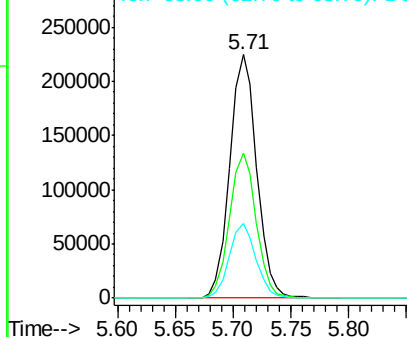
#5

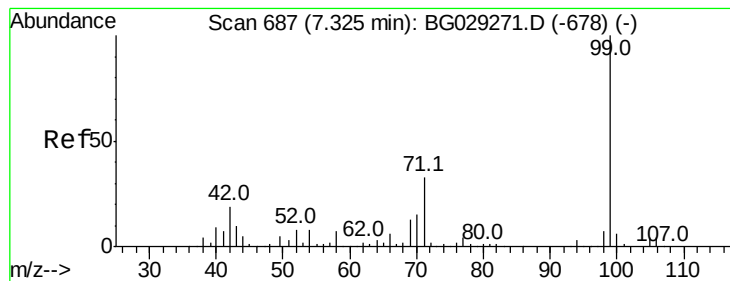
2-Fluorophenol
Concen: 97.220 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG030702.D
Acq: 3 Nov 2017 16:28

Tgt Ion:112 Resp: 364134
Ion Ratio Lower Upper
112 100
64 59.5 56.3 84.5
63 30.5 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: 95.033 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030702.D

Acq: 3 Nov 2017 16:28

Instrument :

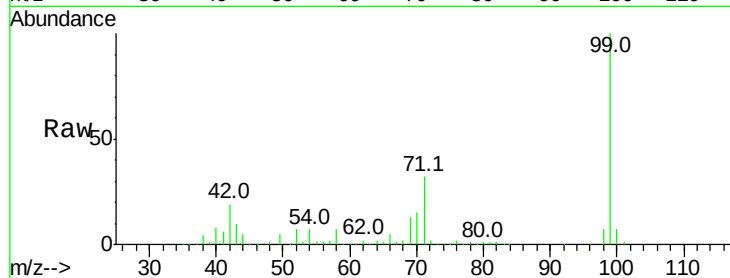
BNA_G

ClientSampleId :

PB103948BL

Tot Ion: 99 Resp: 499619

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	31.9	26.1	39.1

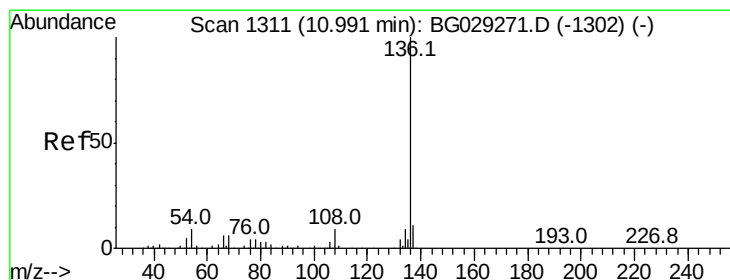
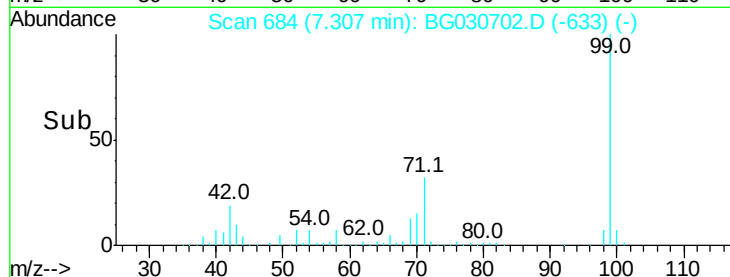
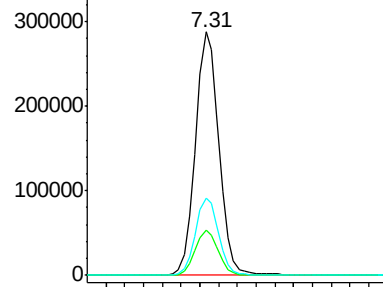


Abundance

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

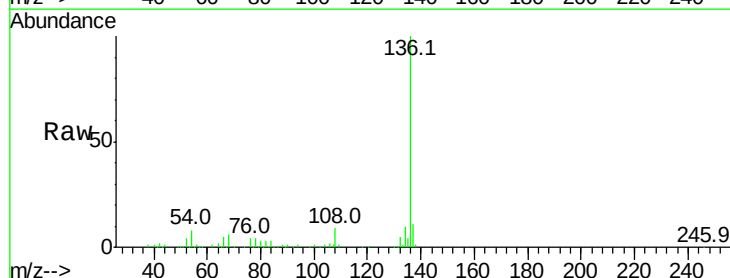
Delta R.T. -0.00 min

Lab File: BG030702.D

Acq: 3 Nov 2017 16:28

Tgt Ion: 136 Resp: 289173

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.5	10.3	15.5#
68	6.3	4.5	6.7



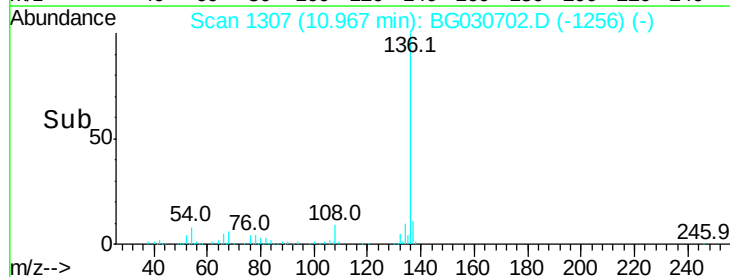
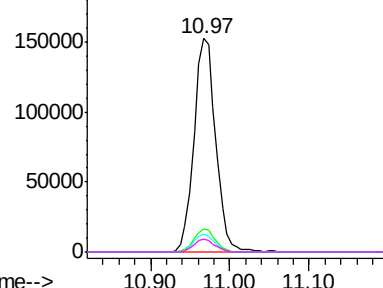
Abundance

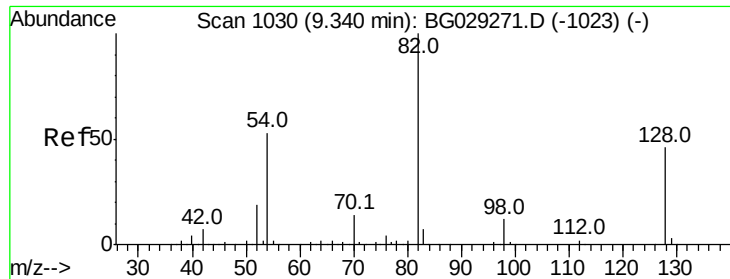
Ion 136.00 (135.70 to 136.70): BGC

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

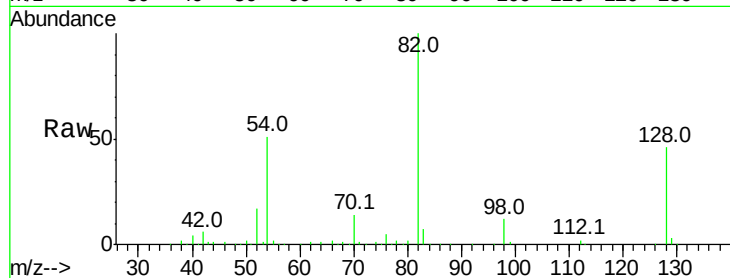




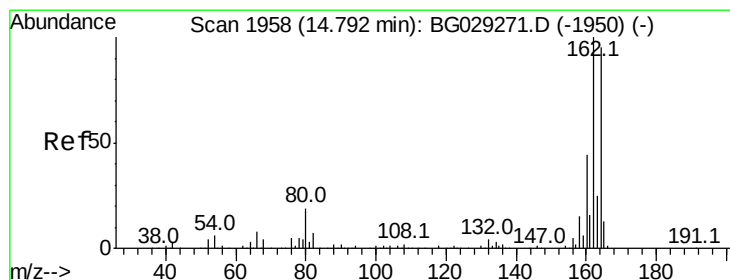
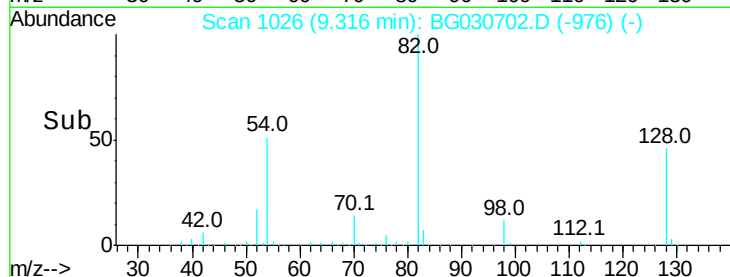
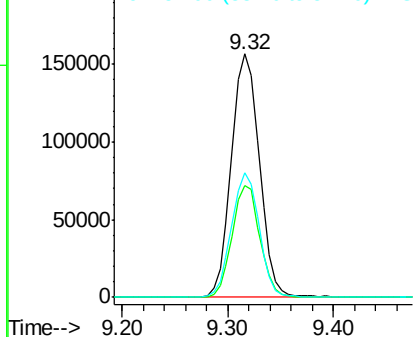
#23
 Nitrobenzene-d5
 Concen: 63.156 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG030702.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB103948BL

Tot Ion: 82 Resp: 287393
 Ion Ratio Lower Upper
 82 100
 128 45.9 29.7 44.5#
 54 51.0 43.1 64.7

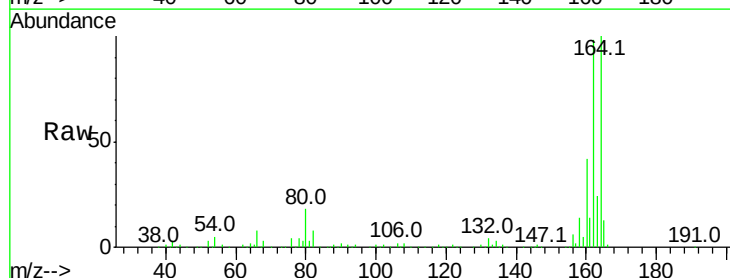


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

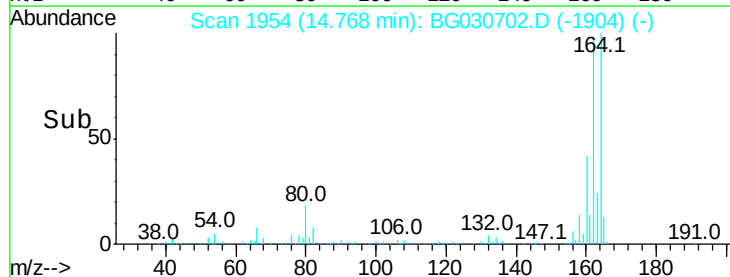
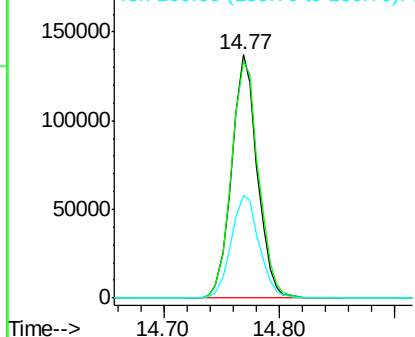


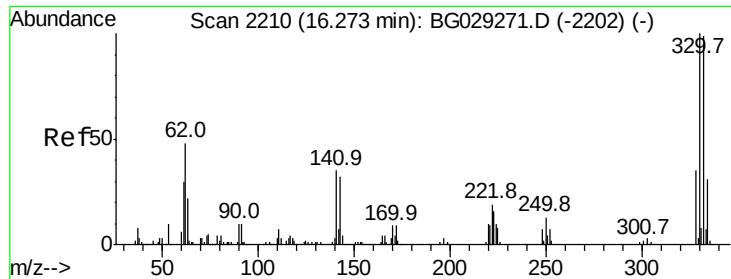
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG030702.D
 Acq: 3 Nov 2017 16:28

Tgt Ion:164 Resp: 210089
 Ion Ratio Lower Upper
 164 100
 162 97.6 78.8 118.2
 160 42.2 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

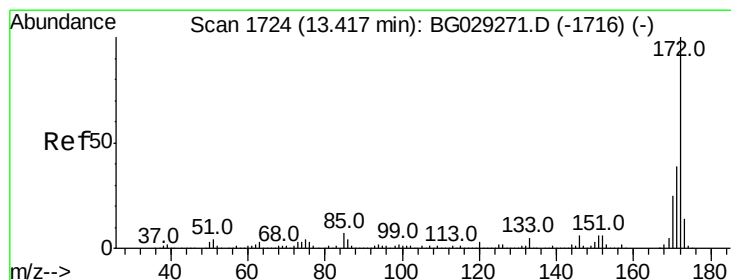
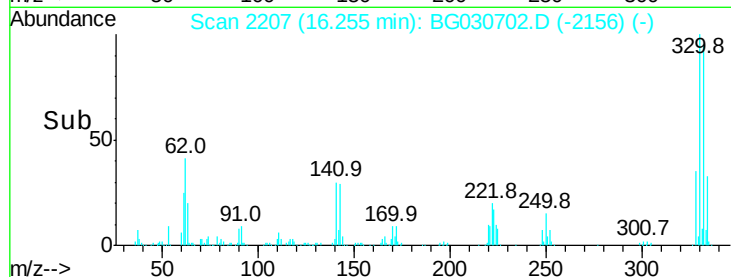
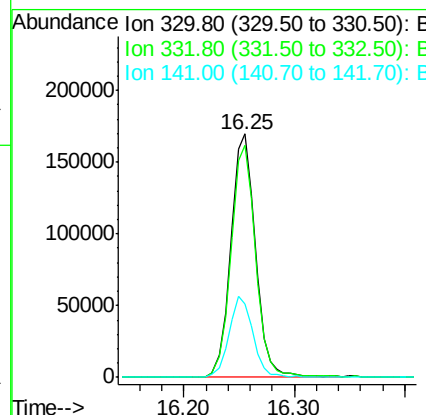
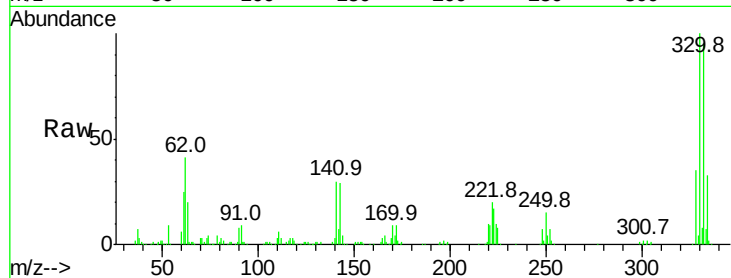




#41
 2,4,6-Tribromophenol
 Concen: 98.036 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030702.D
 Acq: 3 Nov 2017 16:28

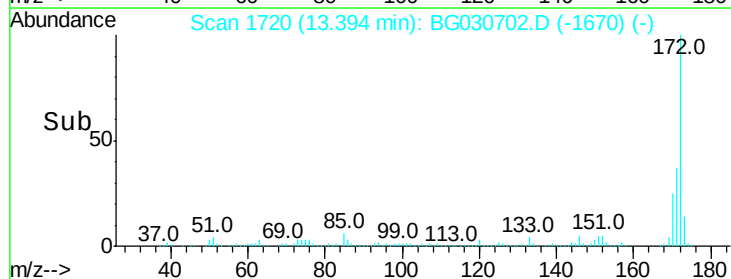
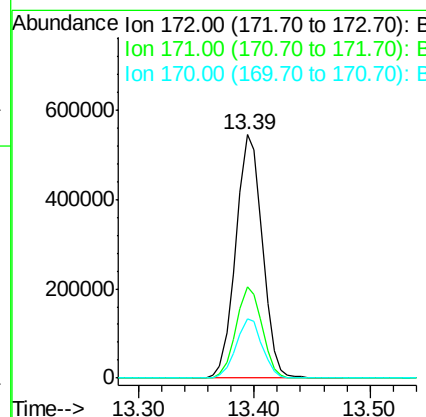
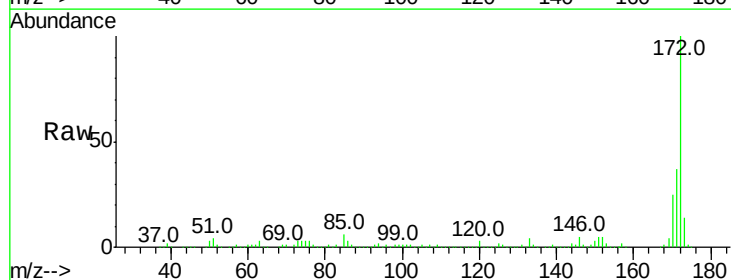
Instrument :
 BNA_G
 ClientSampleId :
 PB103948BL

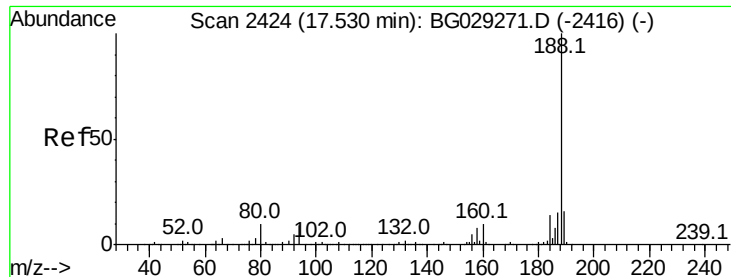
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 60.602 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030702.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.6	19.5	29.3

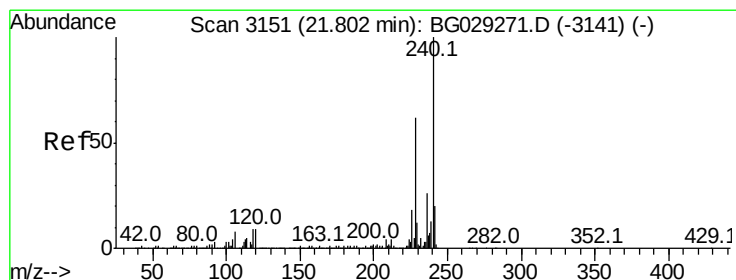
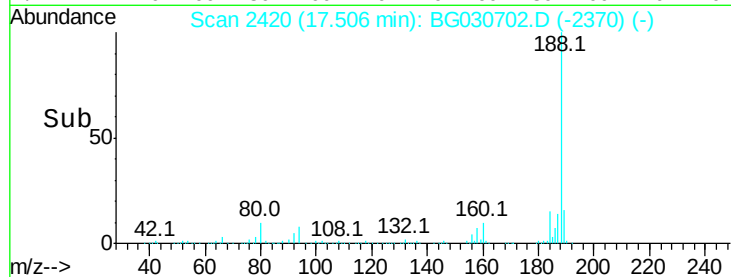
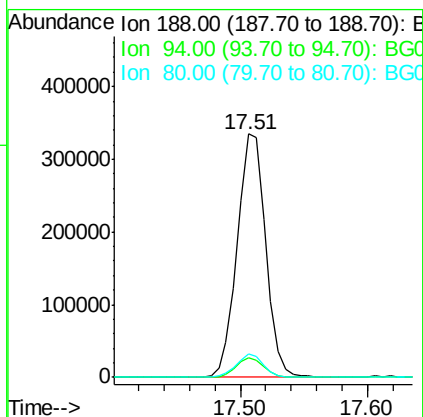
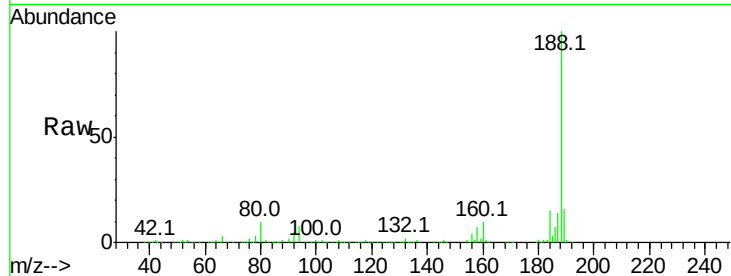




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030702.D
Acq: 3 Nov 2017 16:28

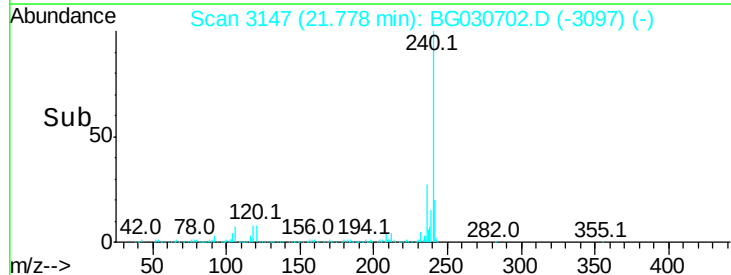
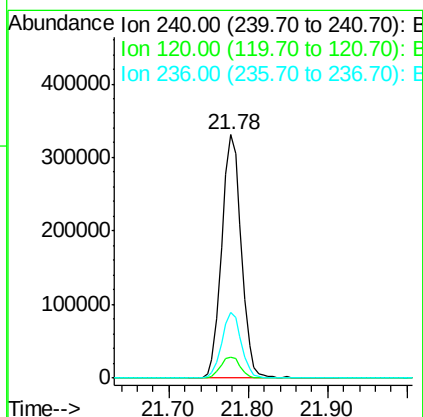
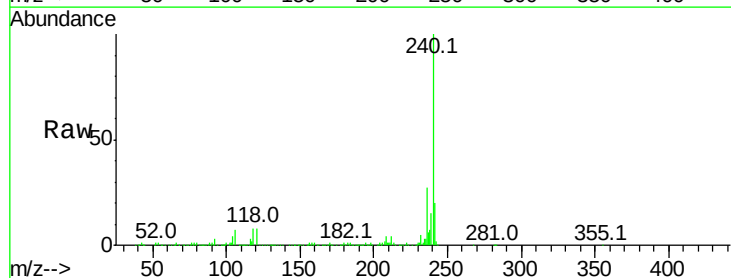
Instrument :
BNA_G
ClientSampleId :
PB103948BL

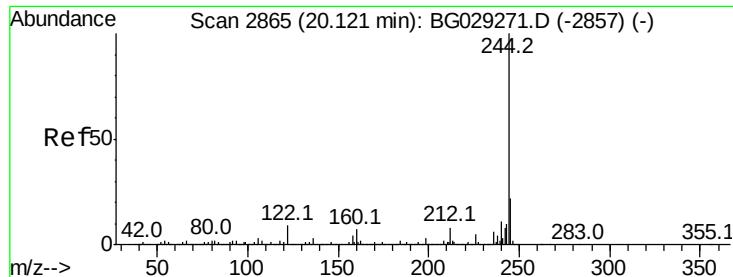
Tot Ion:188 Resp: 519137
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.6 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030702.D
Acq: 3 Nov 2017 16:28

Tgt Ion:240 Resp: 566150
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 58.787 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030702.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_G

ClientSampleId :

PB103948BL

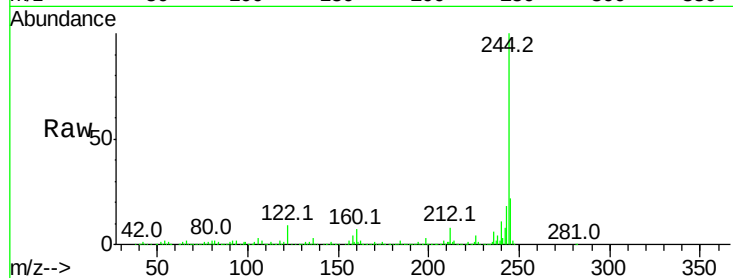
Tot Ion:244 Resp: 1462997

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.3	7.0	10.4

244 100

212 7.6 5.8 8.8

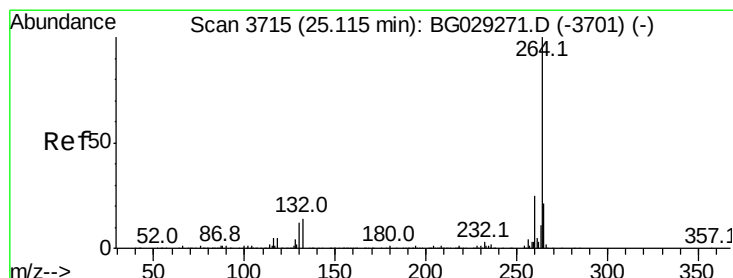
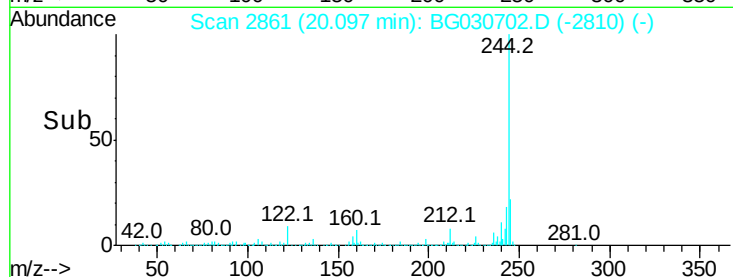
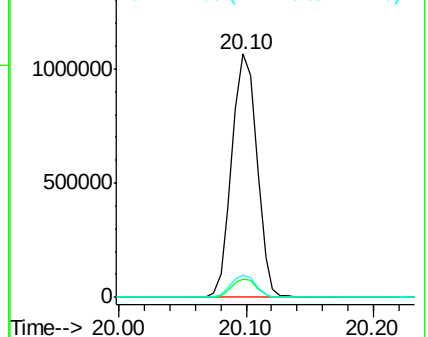
122 9.3 7.0 10.4



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: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG030702.D

Acq: 3 Nov 2017 16:28

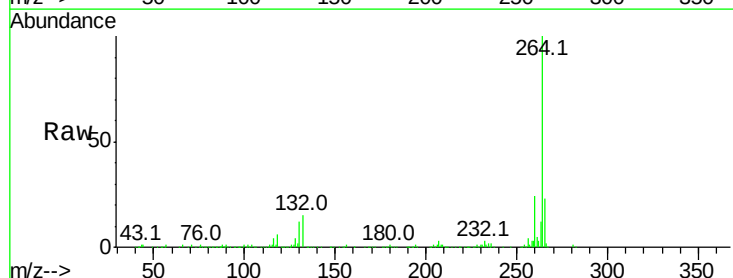
Tgt Ion:264 Resp: 574309

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.7	17.7	26.5

264 100

260 24.3 17.4 26.0

265 22.7 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

