

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 :

Quant Time: Nov 03 18:16:11 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

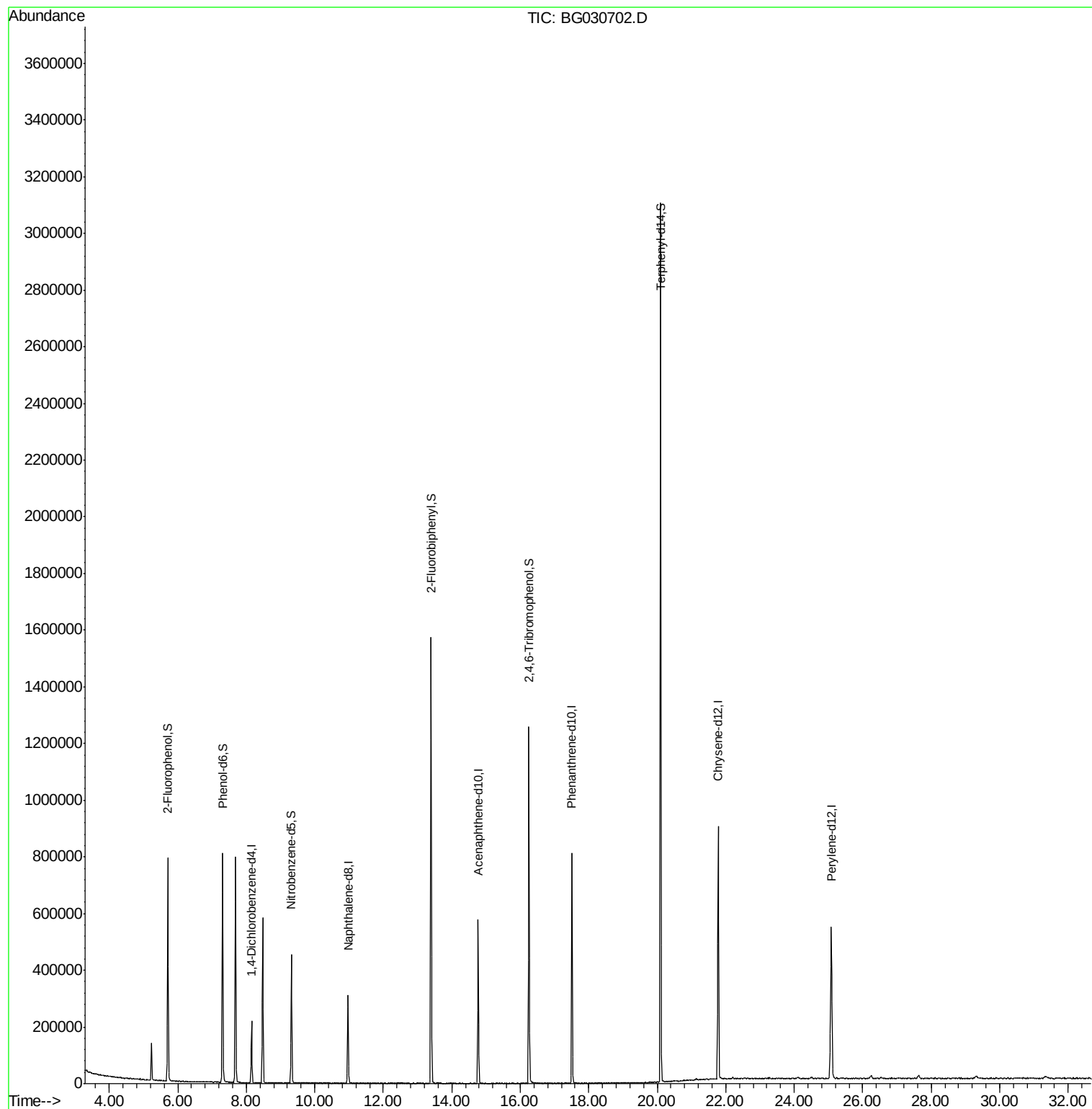
Target Compounds Qvalue

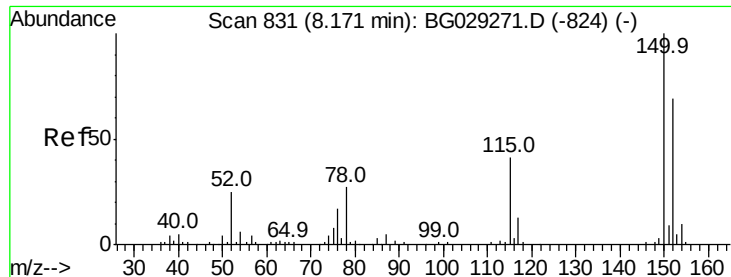
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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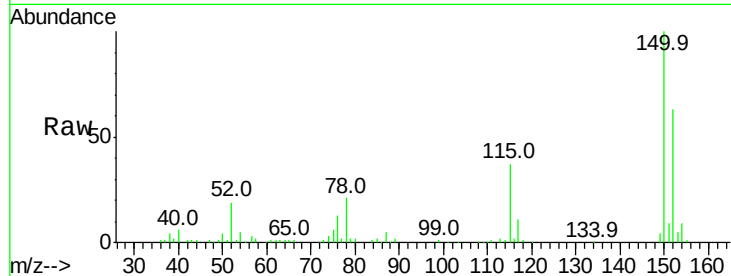


#1

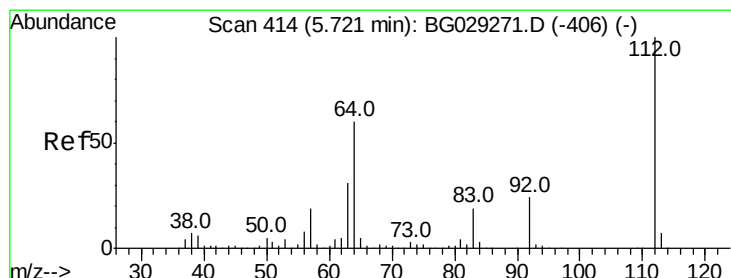
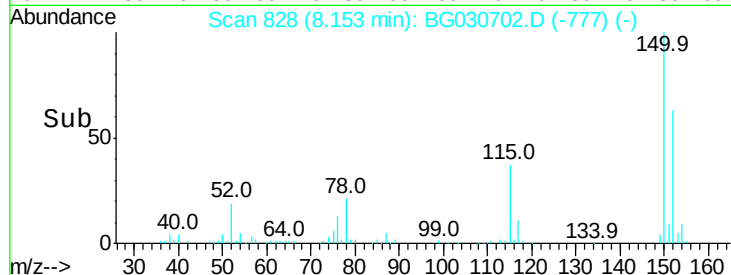
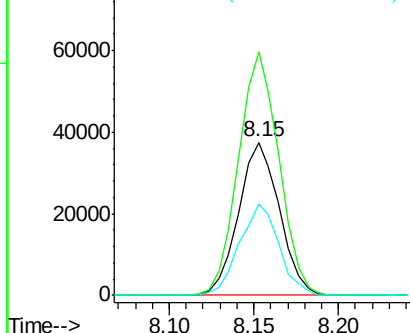
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030702.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_G
ClientSampleId :

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



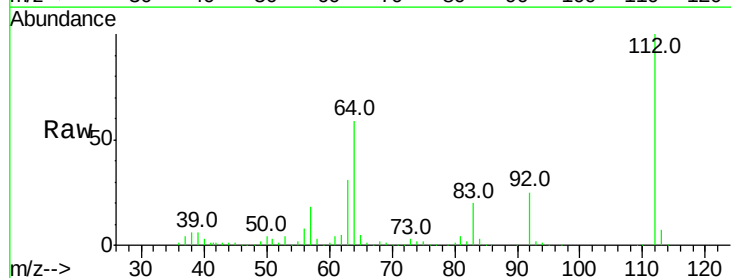
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



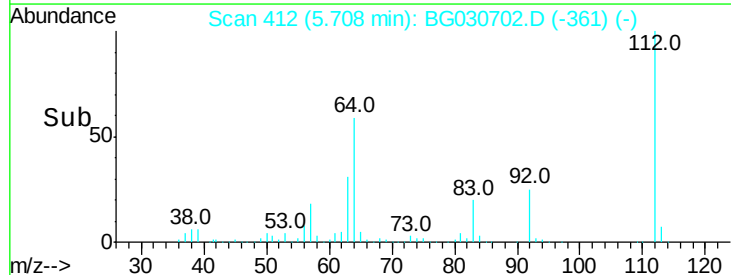
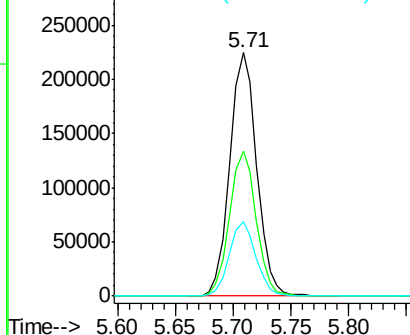
#5

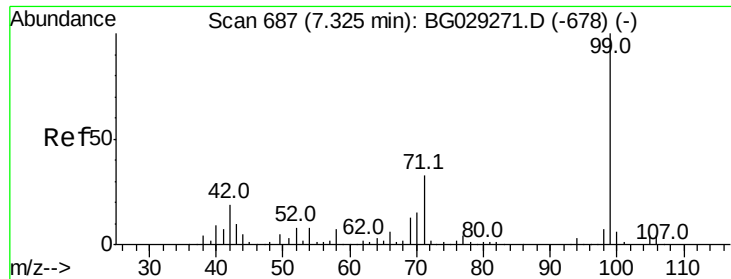
2-Fluorophenol
Concen: 97.220 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG030702.D
Acq: 3 Nov 2017 16:28

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

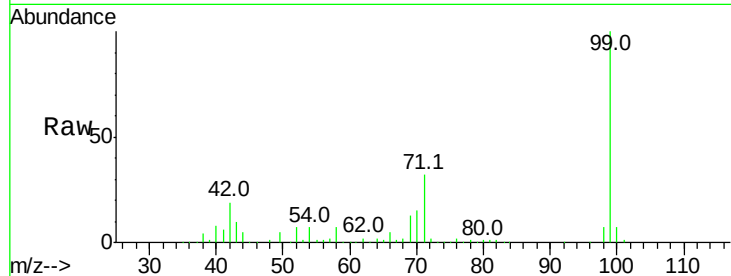
Instrument :

BNA_G

ClientSampleId :

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

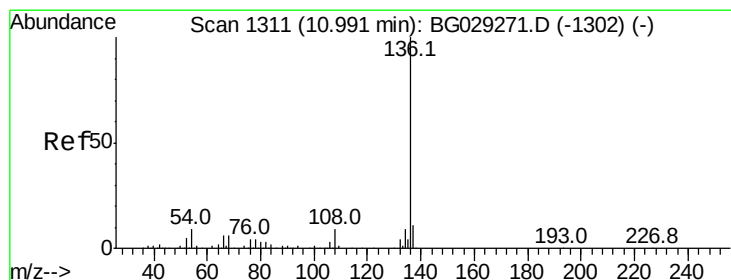
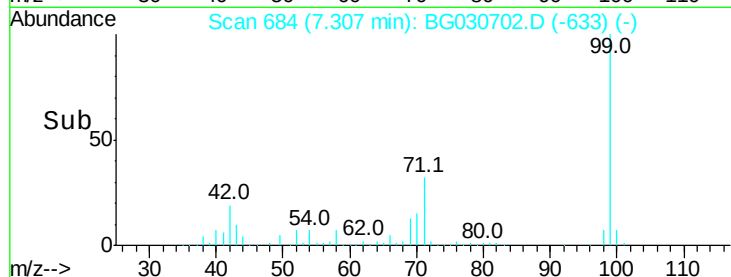
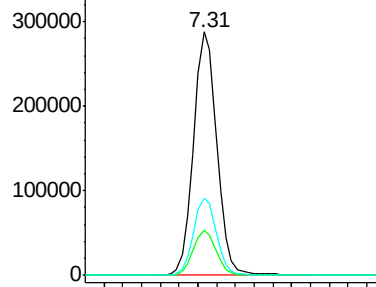


Abundance

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

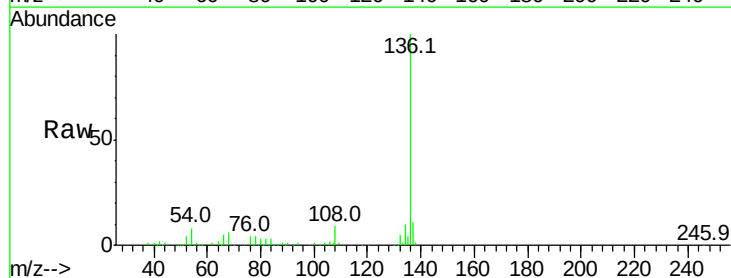
Delta R.T. -0.00 min

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



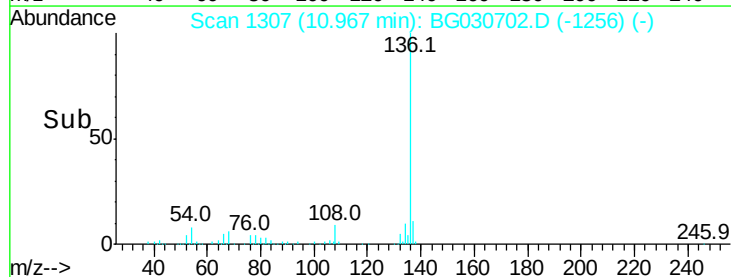
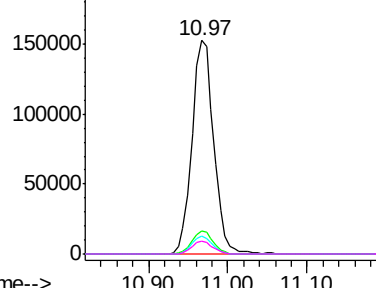
Abundance

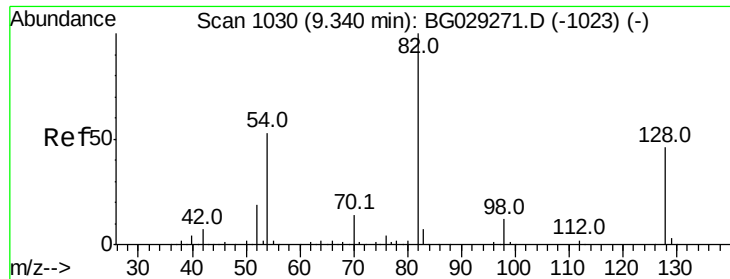
Ion 136.00 (135.70 to 136.70): BGC

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

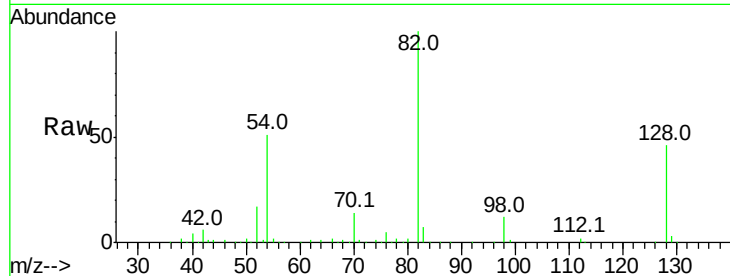




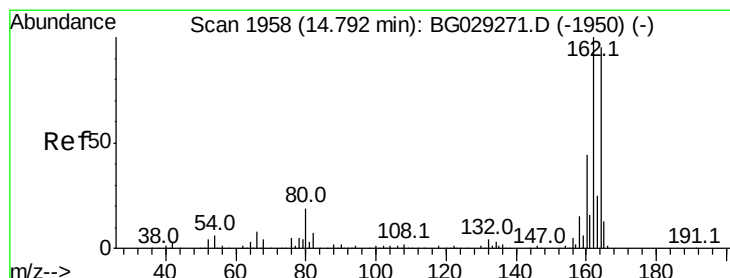
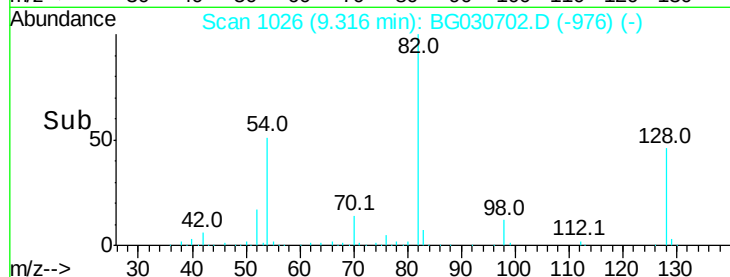
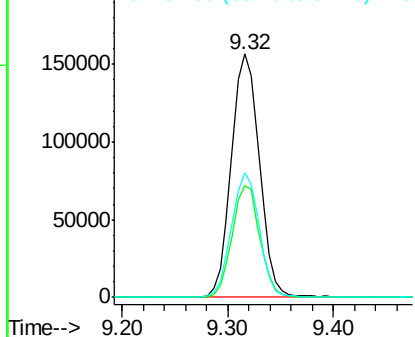
#23
Nitrobenzene-d5
Concen: 63.156 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030702.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_G
ClientSampled :

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

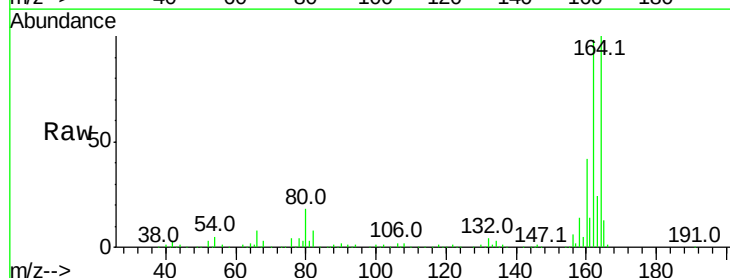


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

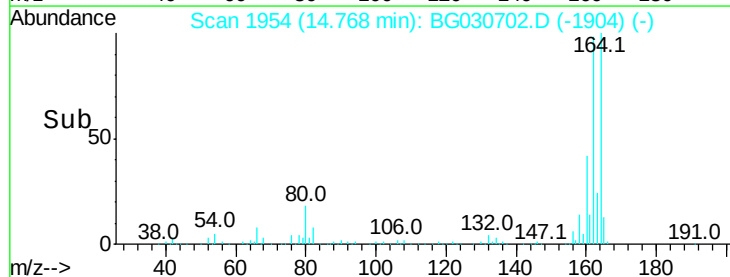
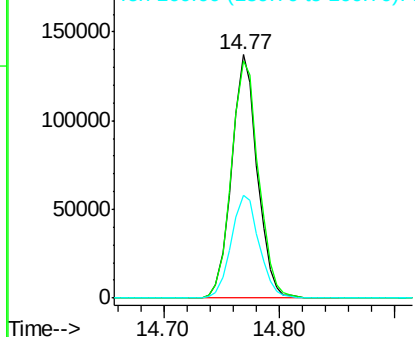


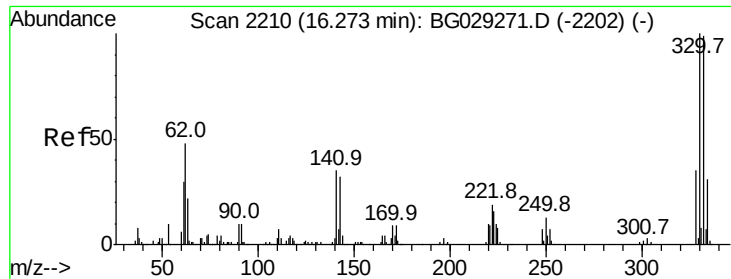
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030702.D
Acq: 3 Nov 2017 16:28

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

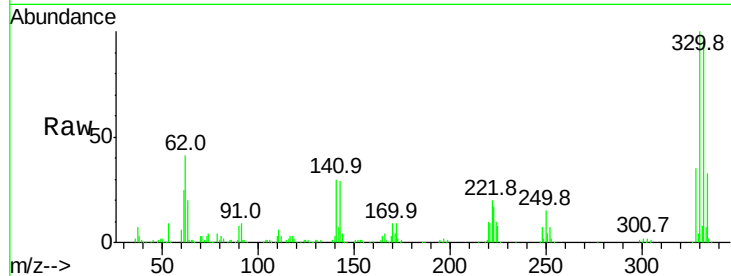




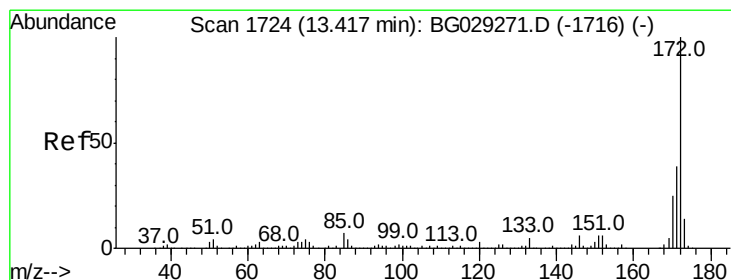
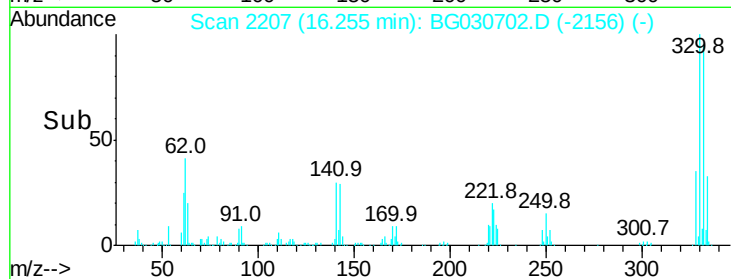
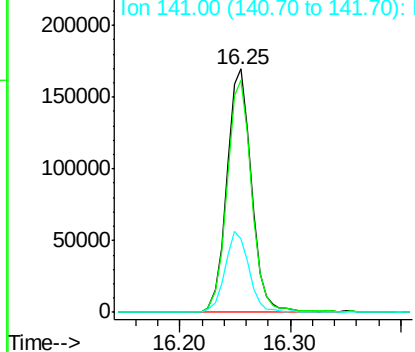
#41
 2,4,6-Tribromophenol
 Concen: 98.036 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030702.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_G
 ClientSampled :

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

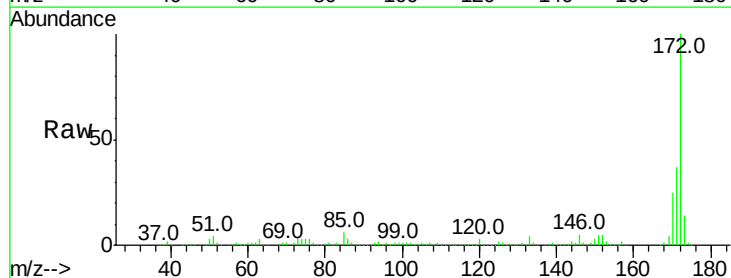


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

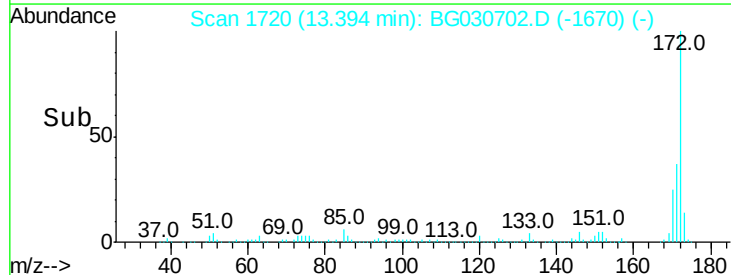
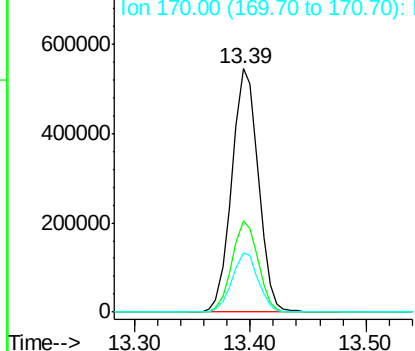


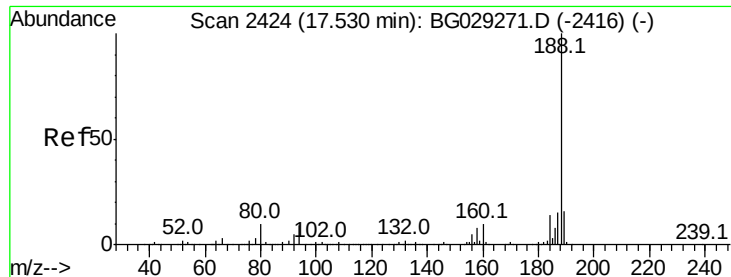
#44
 2-Fluorobiphenyl
 Concen: 60.602 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030702.D
 Acq: 3 Nov 2017 16:28

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



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

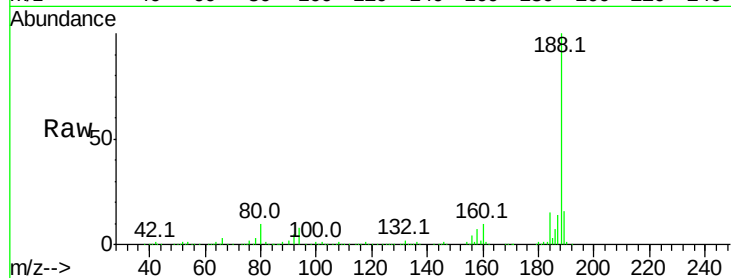




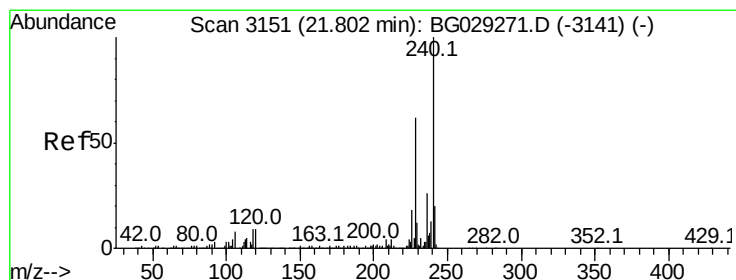
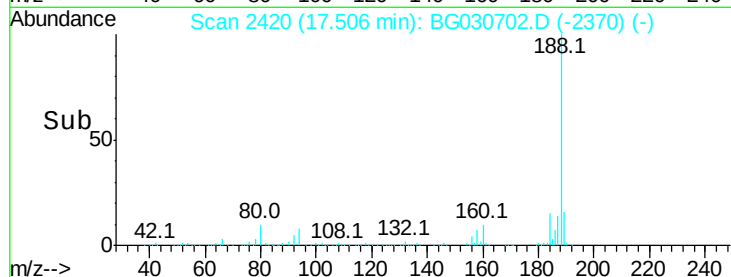
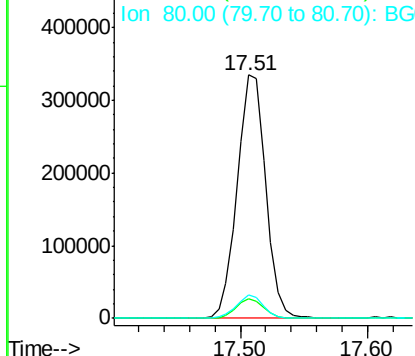
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030702.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_G
ClientSampleId :

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

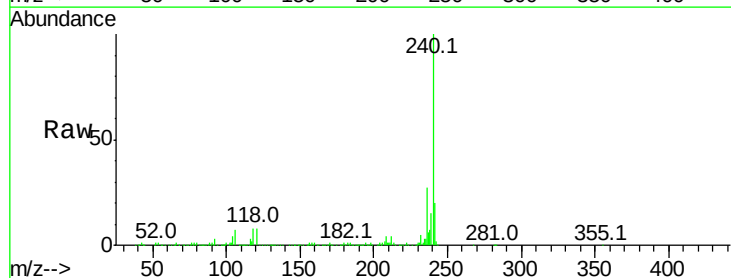


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

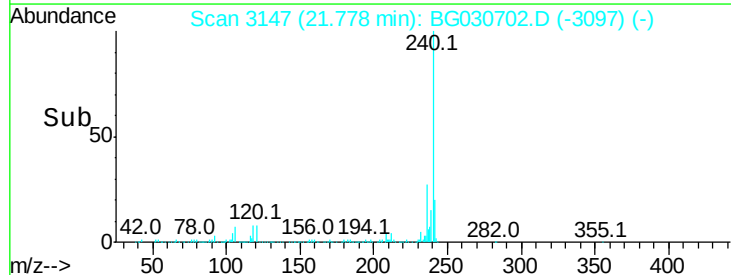
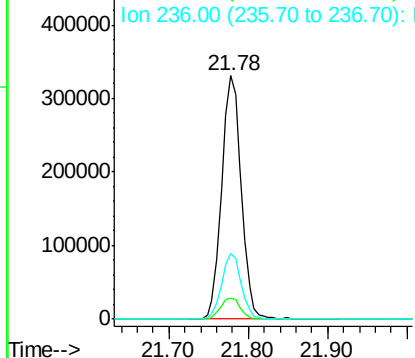


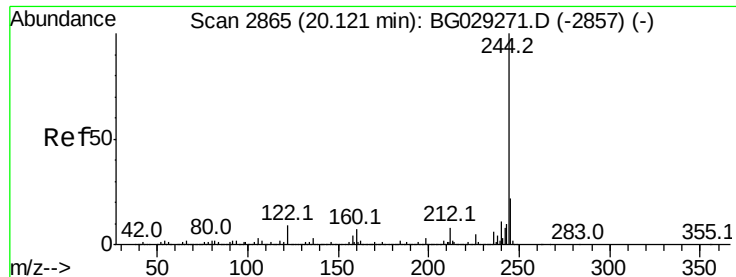
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030702.D
Acq: 3 Nov 2017 16:28

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



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: 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

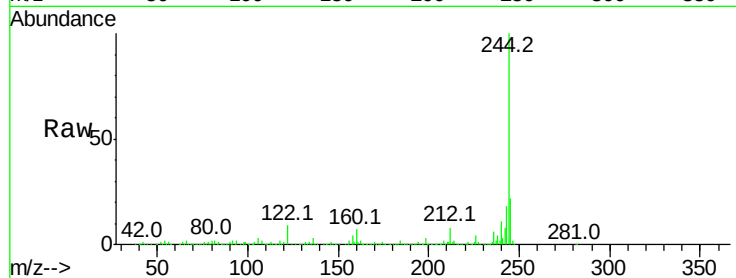
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1462997

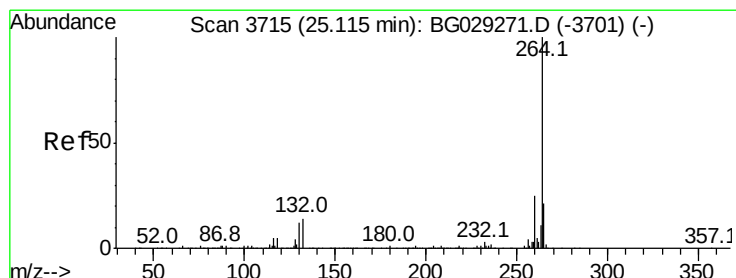
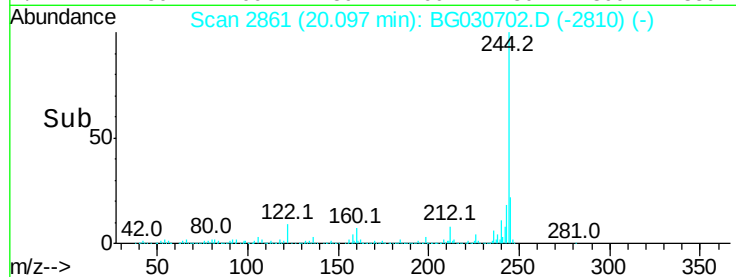
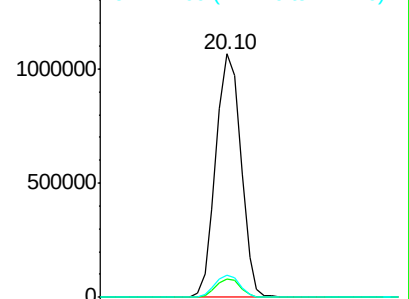
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.3	7.0	10.4



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

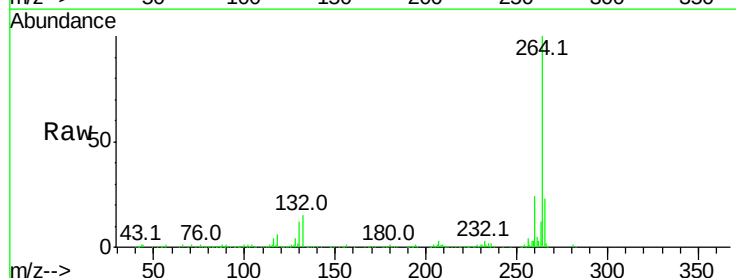
Delta R.T. -0.01 min

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



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

