

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030720.D
 Acq On : 4 Nov 2017 3:46
 Operator : SJ/JU
 Sample : I6275-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 04 05:19:14 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	59233	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	258151	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	179613	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	459890	20.00	ng	0.00
75) Chrysene-d12	21.78	240	515929	20.00	ng	0.00
86) Perylene-d12	25.08	264	519169	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	439099	123.84	ng	0.00
7) Phenol-d6	7.31	99	522299	104.94	ng	0.00
23) Nitrobenzene-d5	9.32	82	393370	96.83	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	359482	155.02	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1111857	90.79	ng	0.00
78) Terphenyl-d14	20.10	244	1957358	86.31	ng	0.00

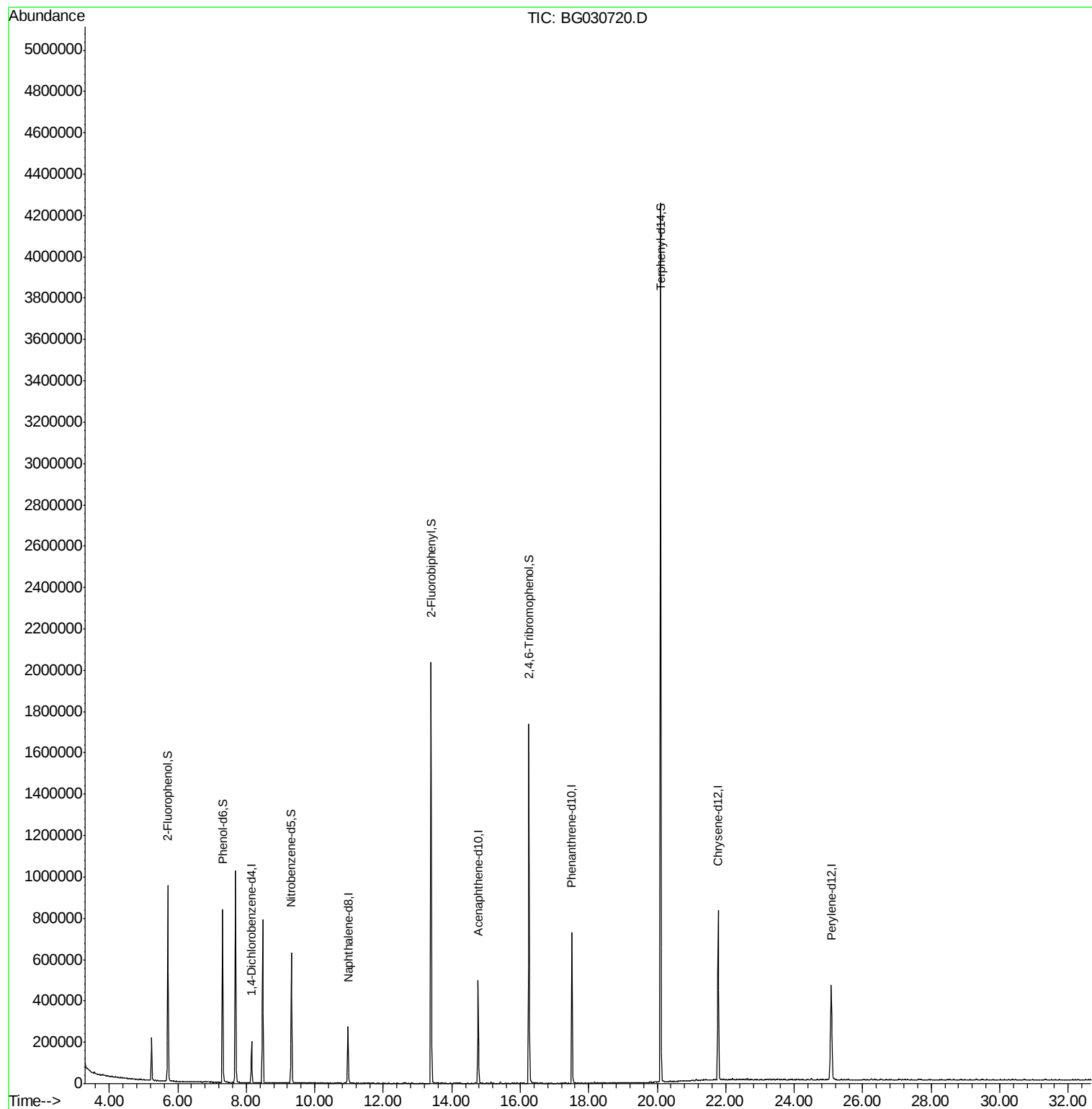
Target Compounds Qvalue

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

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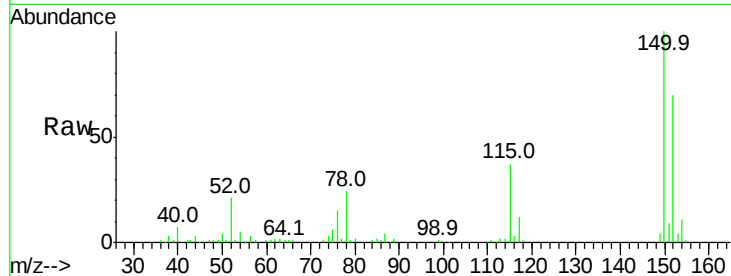


#1

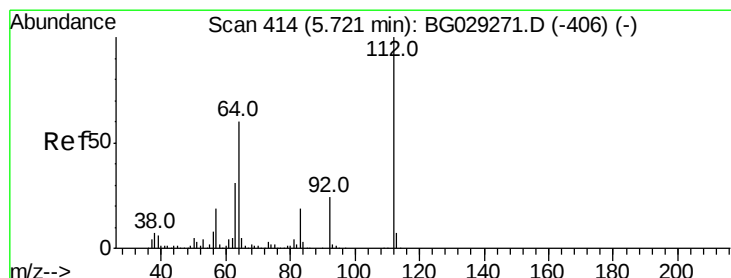
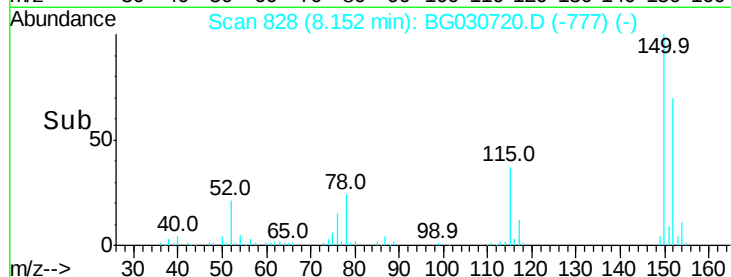
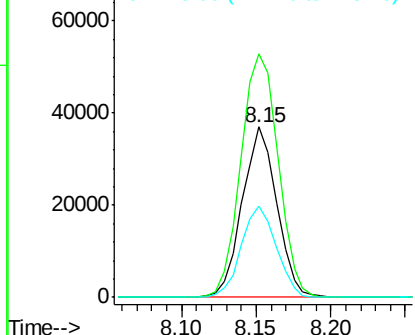
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030720.D
Acq: 4 Nov 2017 3:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59233
Ion Ratio Lower Upper
152 100
150 142.8 126.6 189.8
115 53.4 53.0 79.4



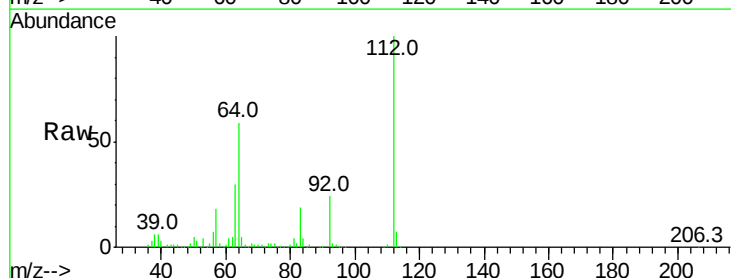
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



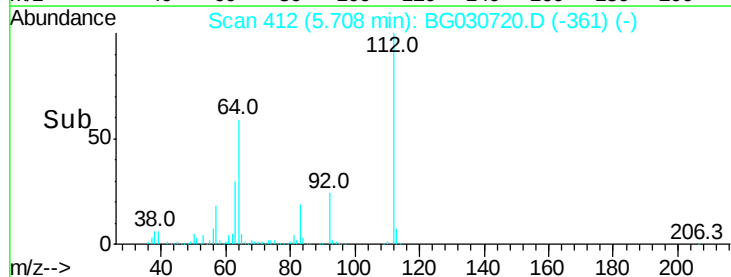
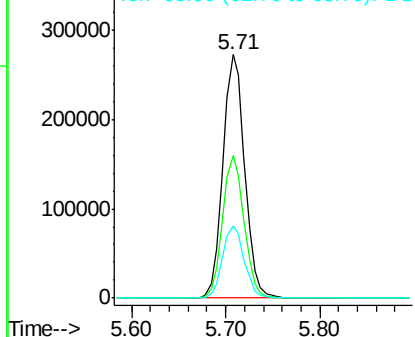
#5

2-Fluorophenol
Concen: 123.839 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG030720.D
Acq: 4 Nov 2017 3:46

Tgt Ion:112 Resp: 439099
Ion Ratio Lower Upper
112 100
64 58.7 56.3 84.5
63 29.8 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: 104.943 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030720.D

Acq: 4 Nov 2017 3:46

Instrument :

BNA_G

ClientSampleId :

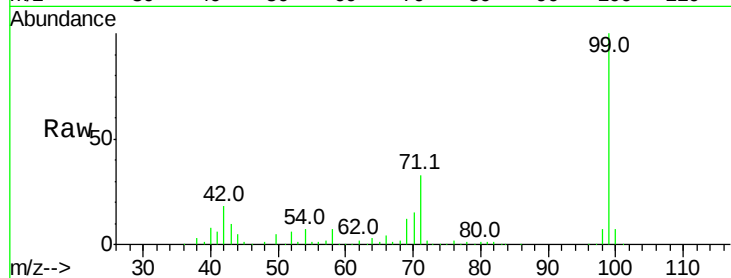
Tot Ion: 99 Resp: 522299

Ion Ratio Lower Upper

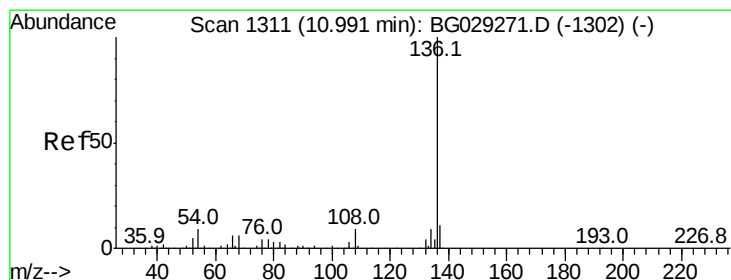
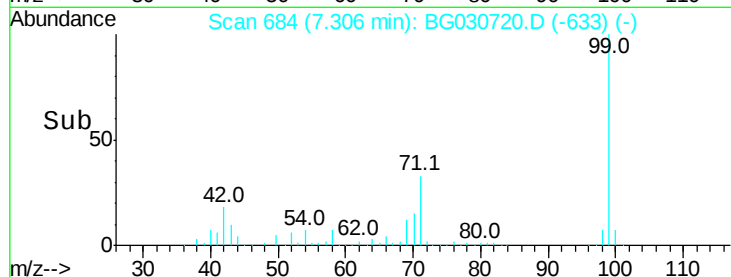
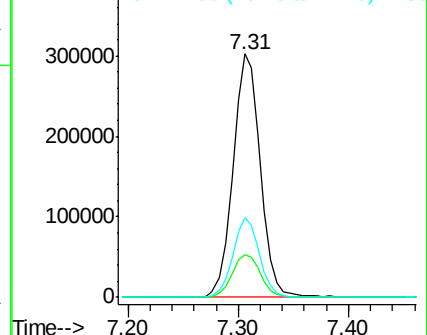
99 100

42 17.6 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: BG030720.D

Acq: 4 Nov 2017 3:46

Tgt Ion: 136 Resp: 258151

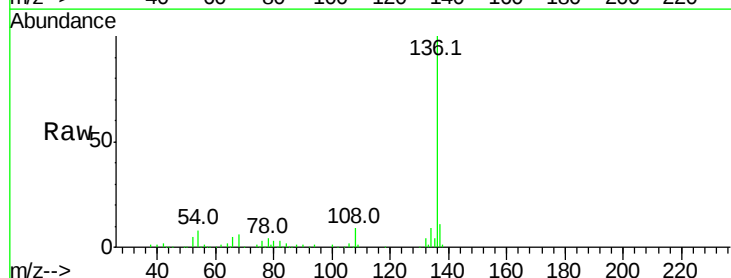
Ion Ratio Lower Upper

136 100

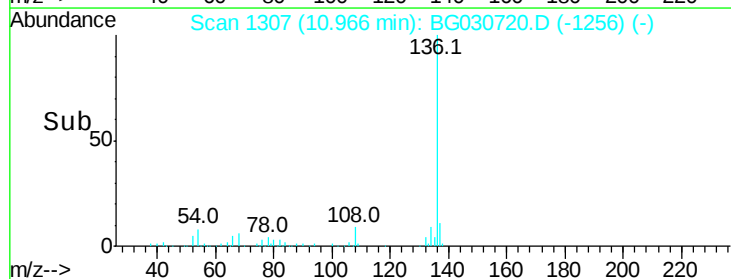
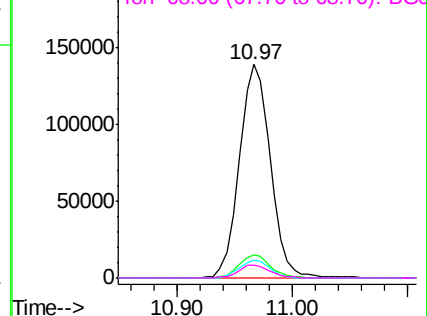
137 11.0 9.2 13.8

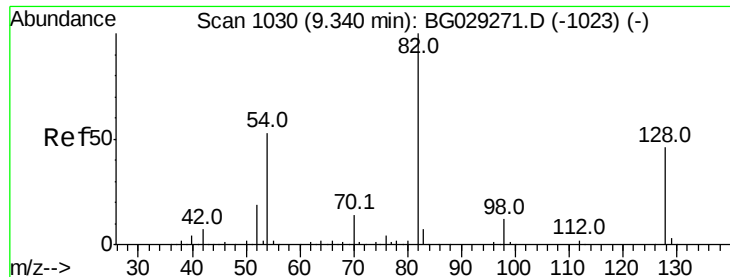
54 8.2 10.3 15.5#

68 5.7 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

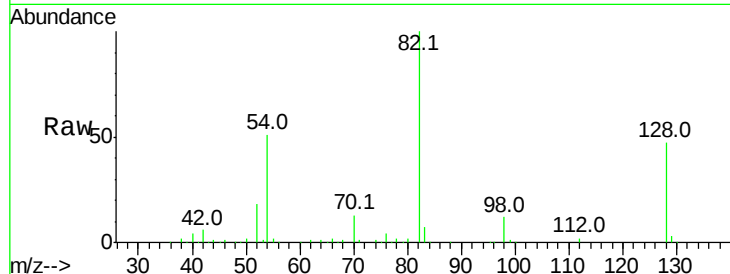




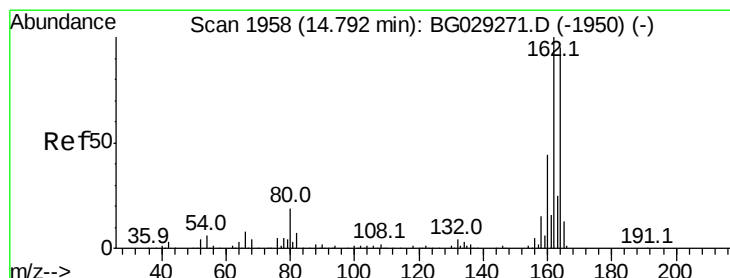
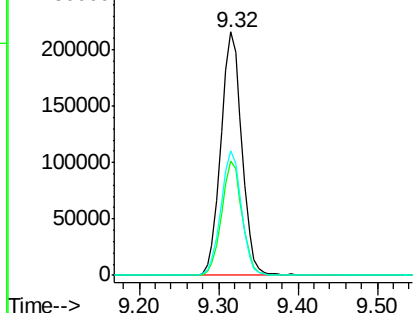
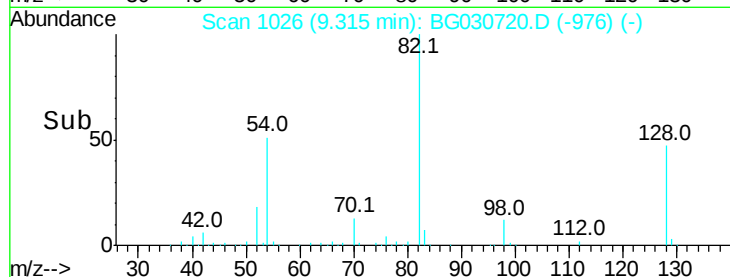
#23
Nitrobenzene-d5
Concen: 96.833 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030720.D
Acq: 4 Nov 2017 3:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	51.2	43.1	64.7

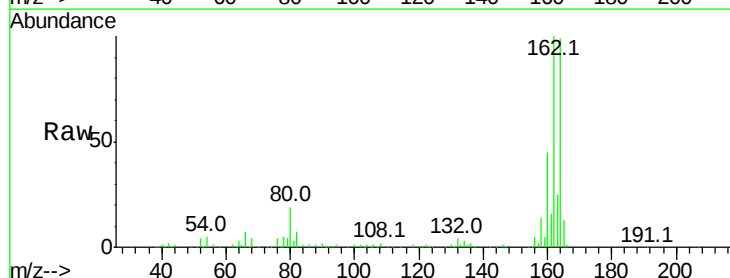


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

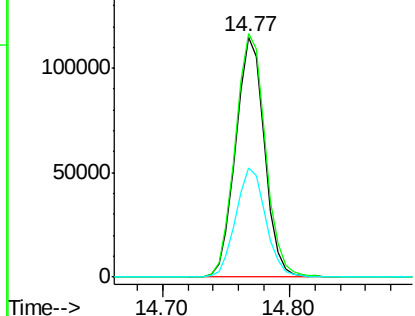
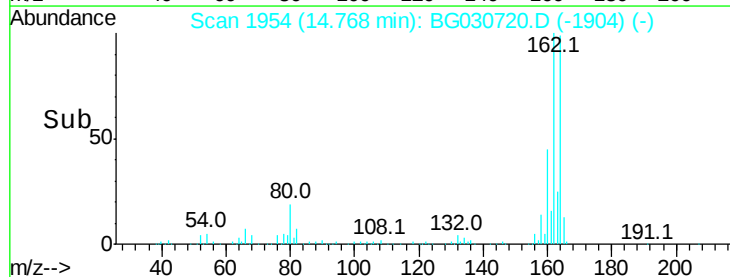


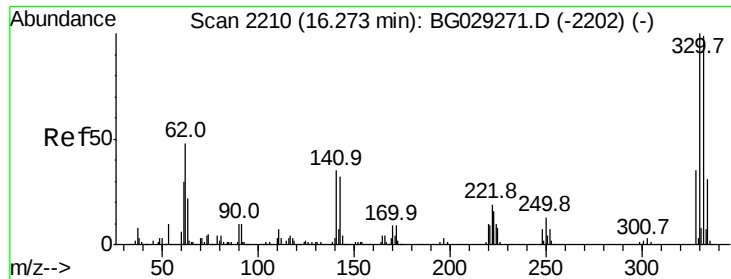
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030720.D
Acq: 4 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	45.3	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

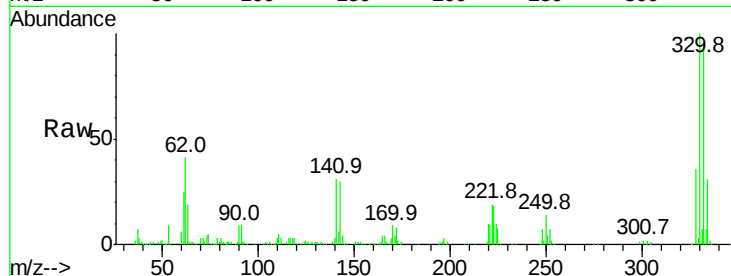




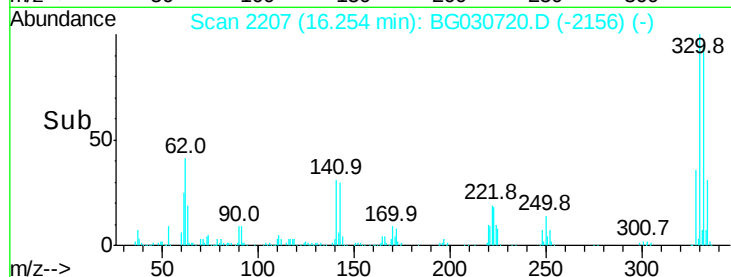
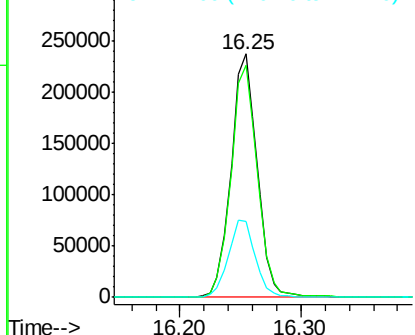
#41
 2,4,6-Tribromophenol
 Concen: 155.017 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030720.D
 Acq: 4 Nov 2017 3:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 359482
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 32.8 25.2 37.8

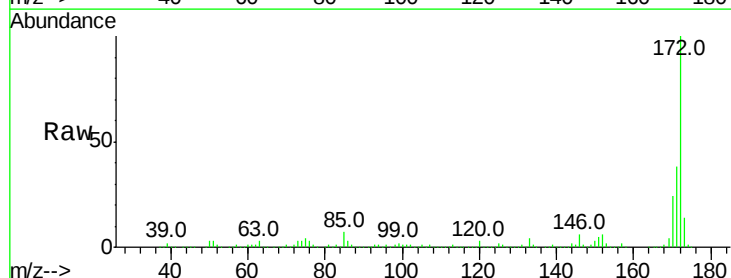


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

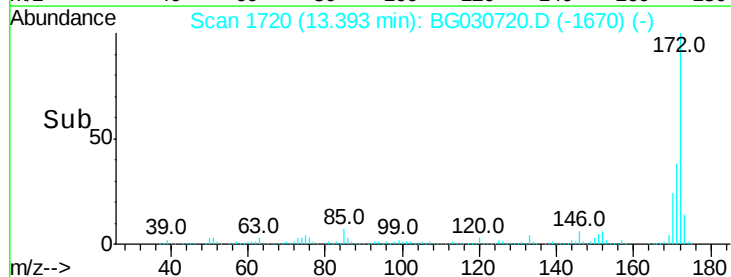
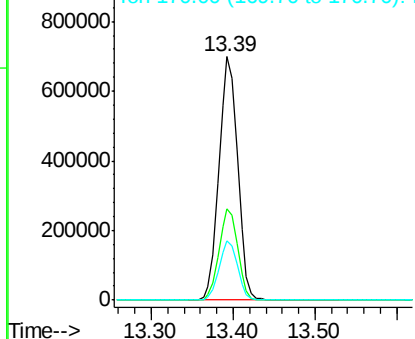


#44
 2-Fluorobiphenyl
 Concen: 90.790 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030720.D
 Acq: 4 Nov 2017 3:46

Tgt Ion:172 Resp: 1111857
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.3 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

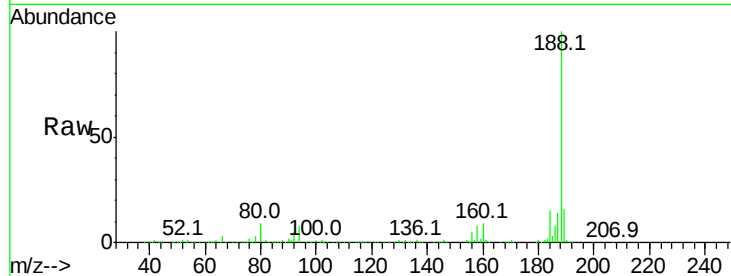




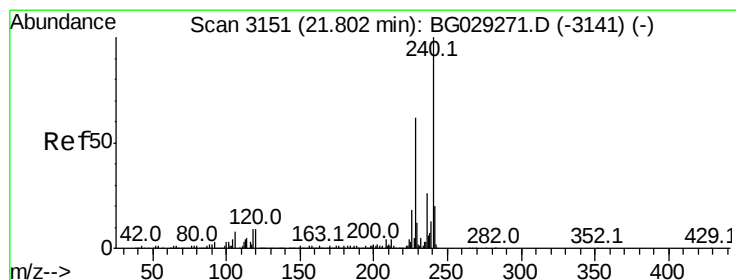
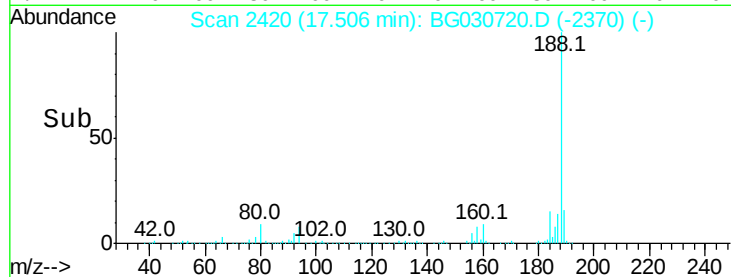
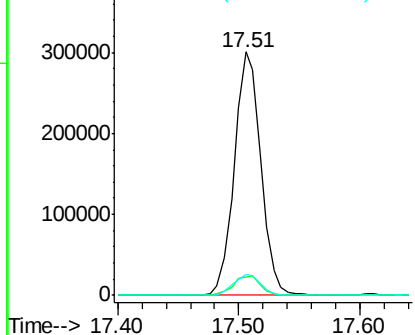
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030720.D
Acq: 4 Nov 2017 3:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 459890
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.8 7.7 11.5

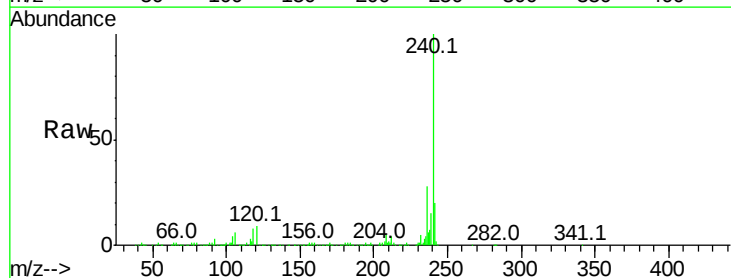


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

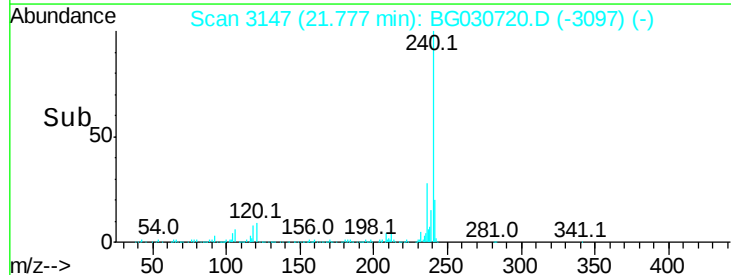
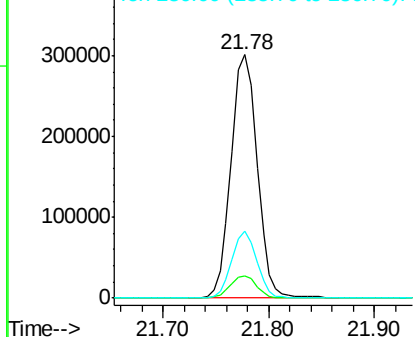


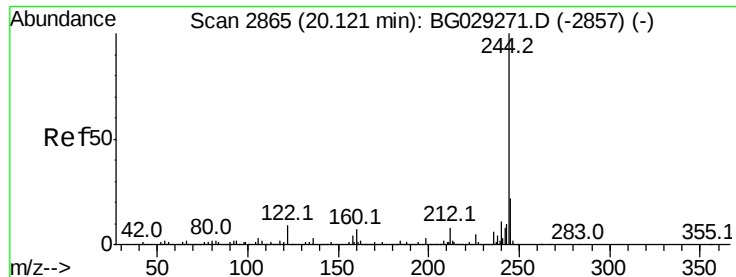
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030720.D
Acq: 4 Nov 2017 3:46

Tgt Ion:240 Resp: 515929
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 27.5 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: 86.308 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030720.D

Acq: 4 Nov 2017 3:46

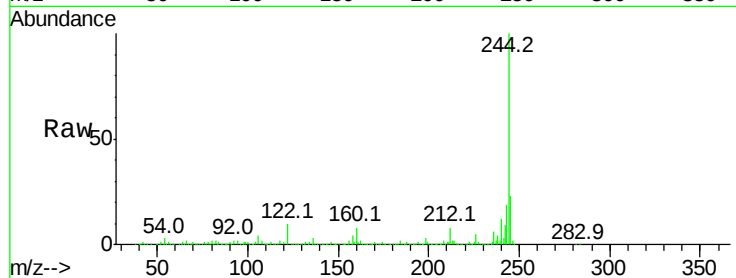
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1957358

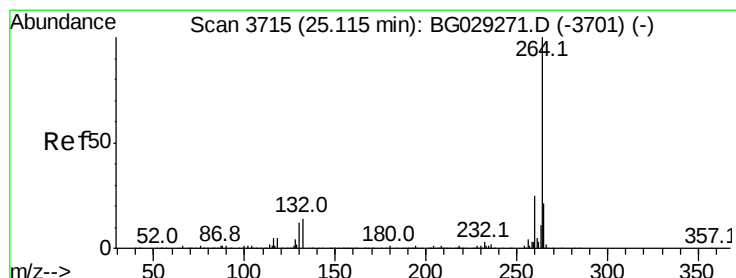
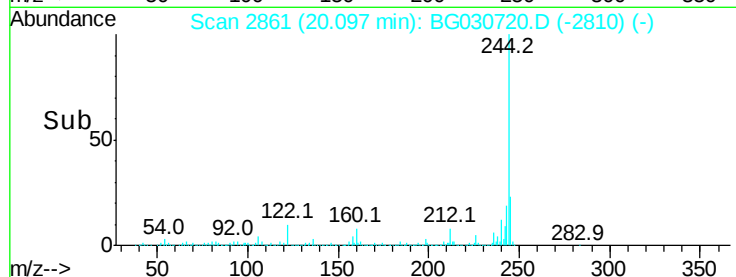
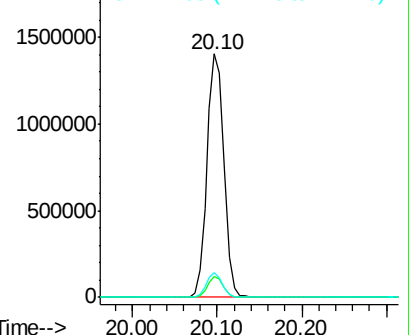
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	10.1	7.0	10.4



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

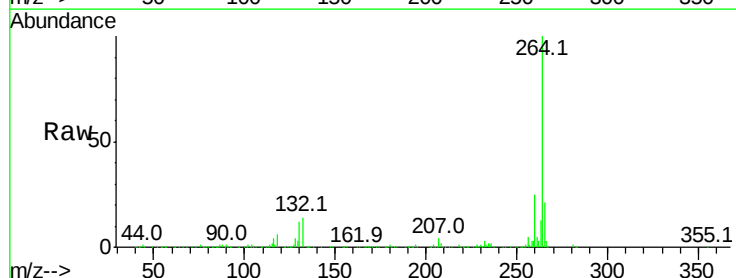
Delta R.T. -0.01 min

Lab File: BG030720.D

Acq: 4 Nov 2017 3:46

Tgt Ion:264 Resp: 519169

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	20.6	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

