

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030920.D
 Acq On : 10 Nov 2017 23:37
 Operator : SJ/JU
 Sample : PB104039BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104039BL

Quant Time: Nov 11 06:10:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35653	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	157405	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	107866	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	299514	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	374336	20.00	ng	-0.01
86) Perylene-d12	25.07	264	369726	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	356215	171.32	ng	0.00
7) Phenol-d6	7.31	99	457649	163.38	ng	0.00
23) Nitrobenzene-d5	9.31	82	268584	101.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	275002	157.60	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	797606	106.25	ng	-0.01
78) Terphenyl-d14	20.09	244	1644008	96.97	ng	0.00

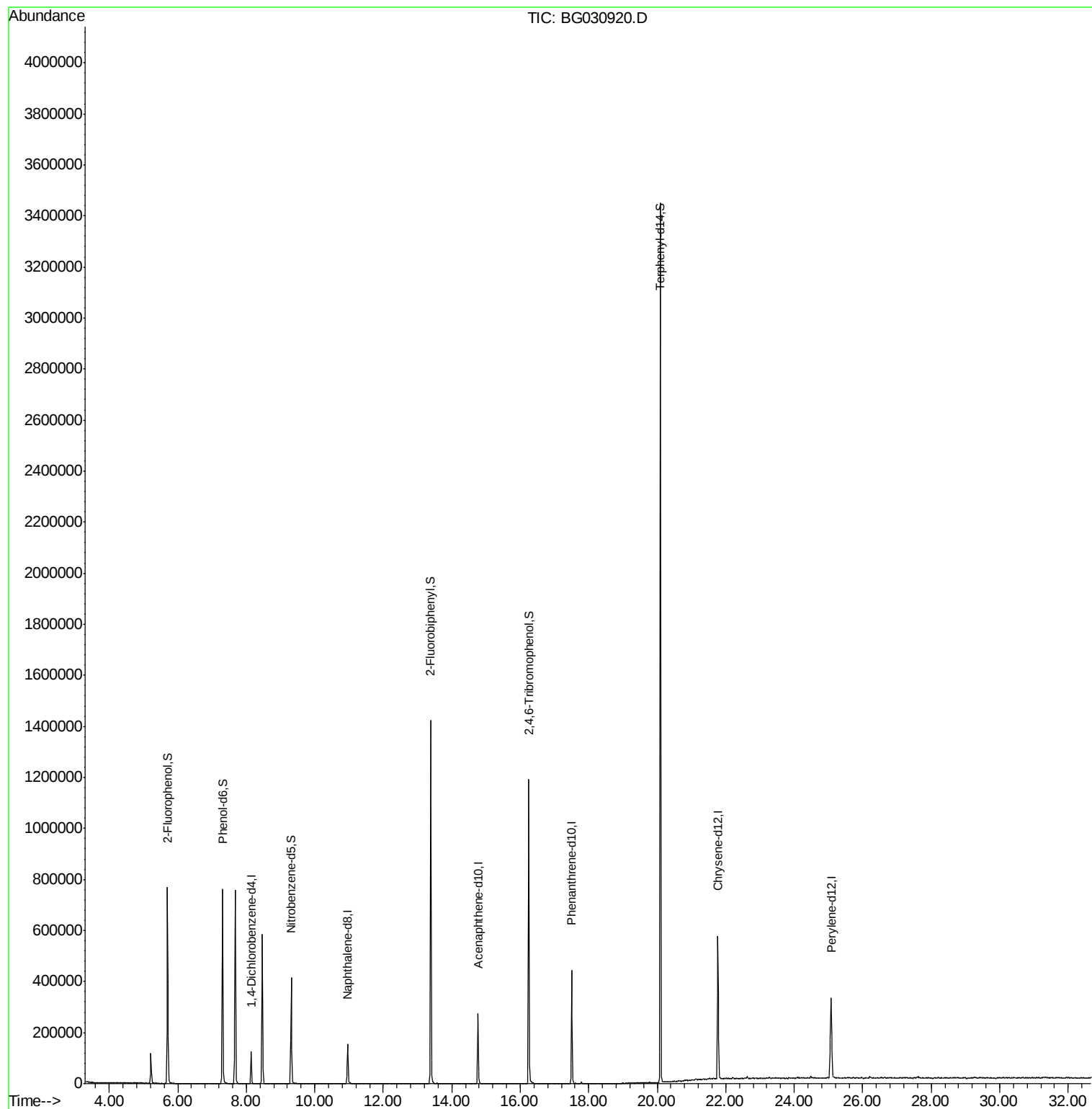
Target Compounds Qvalue

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

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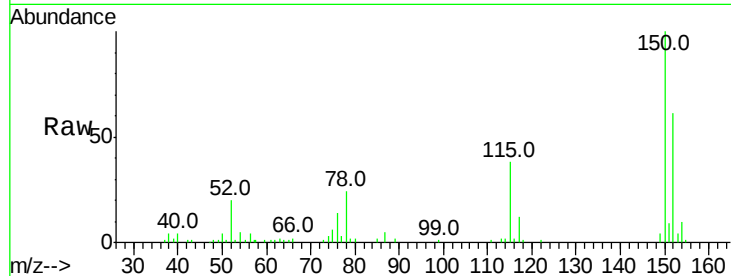


#1

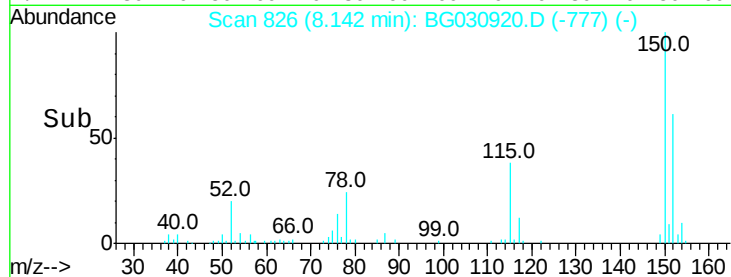
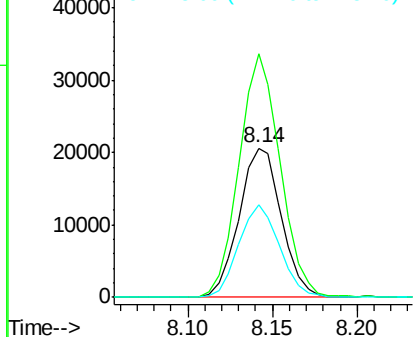
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030920.D
Acq: 10 Nov 2017 23:37

Instrument :
BNA_G
ClientSampleId :
PB104039BL

Tot Ion:152 Resp: 35653
Ion Ratio Lower Upper
152 100
150 163.2 126.6 189.8
115 61.7 53.0 79.4



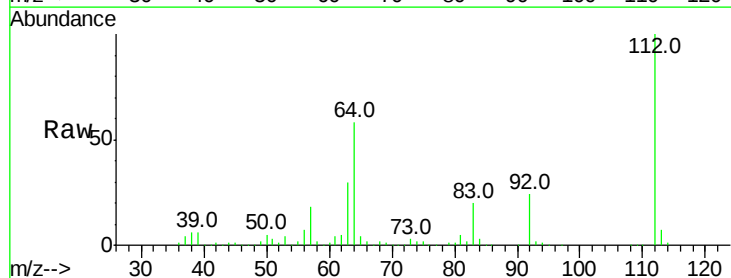
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



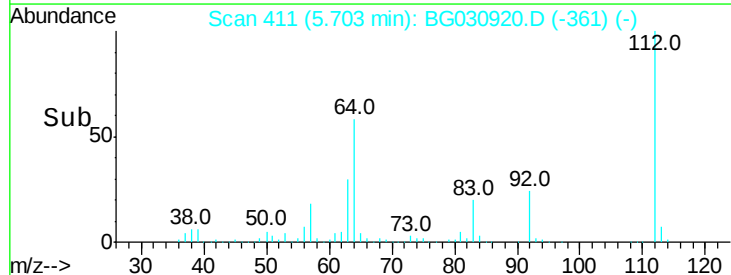
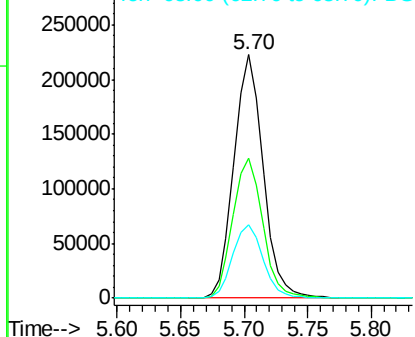
#5

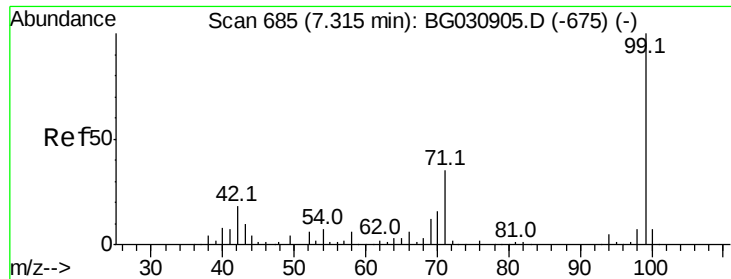
2-Fluorophenol
Concen: 171.324 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030920.D
Acq: 10 Nov 2017 23:37

Tgt Ion:112 Resp: 356215
Ion Ratio Lower Upper
112 100
64 57.6 56.3 84.5
63 30.0 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: 163.381 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030920.D

Acq: 10 Nov 2017 23:37

Instrument :

BNA_G

ClientSampleId :

PB104039BL

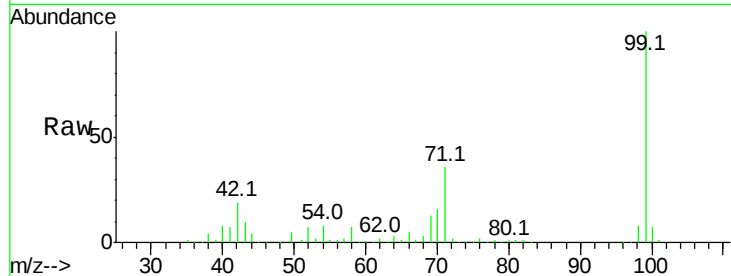
Tot Ion: 99 Resp: 457649

Ion Ratio Lower Upper

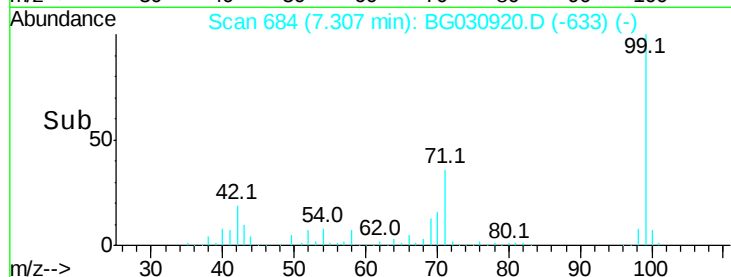
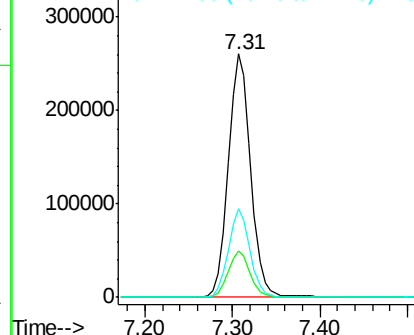
99 100

42 19.2 14.1 21.1

71 36.5 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: 10.96 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG030920.D

Acq: 10 Nov 2017 23:37

Tgt Ion: 136 Resp: 157405

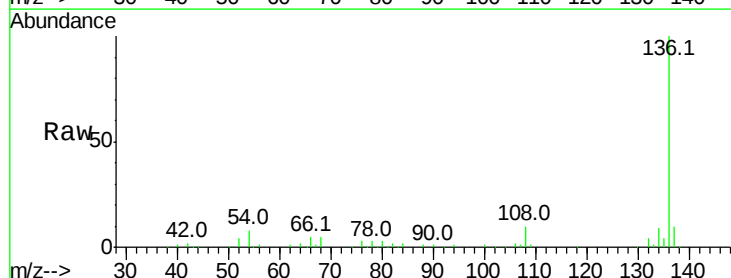
Ion Ratio Lower Upper

136 100

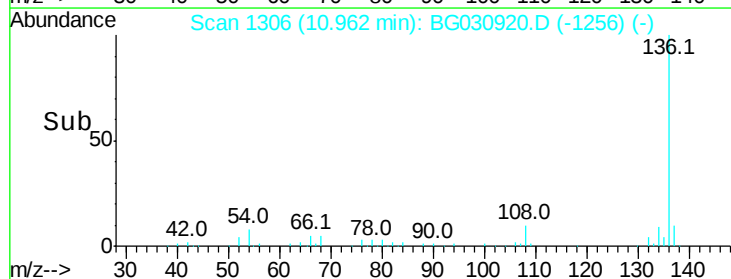
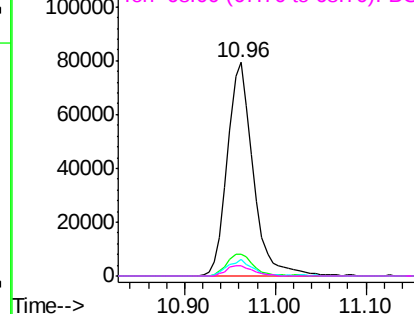
137 10.2 9.2 13.8

54 7.8 10.3 15.5#

68 4.7 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

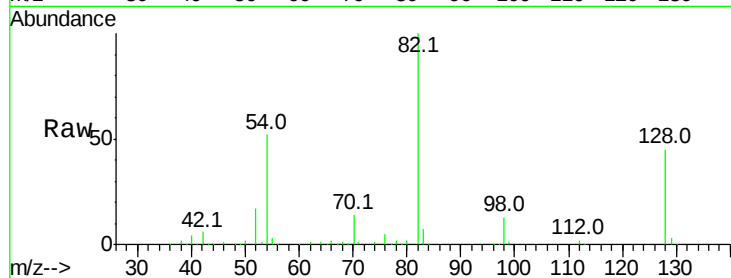




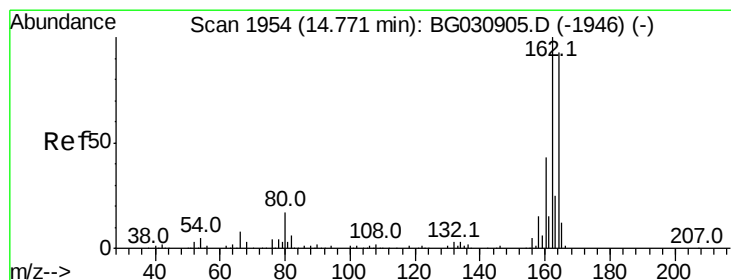
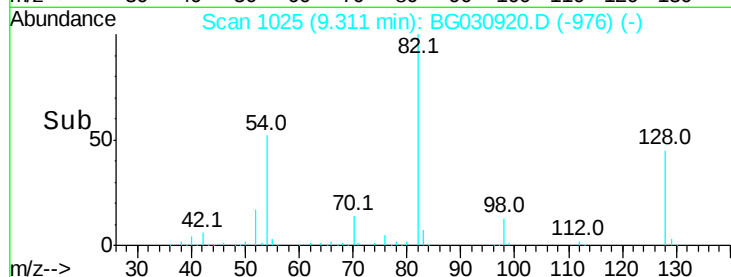
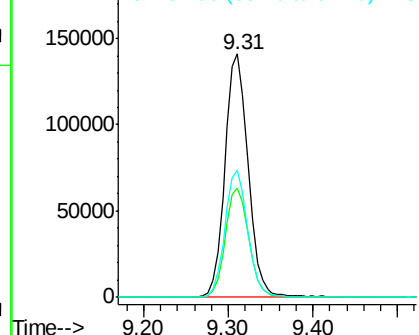
#23
Nitrobenzene-d5
Concen: 101.110 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030920.D
Acq: 10 Nov 2017 23:37

Instrument :
BNA_G
ClientSampleId :
PB104039BL

Tot Ion: 82 Resp: 268584
Ion Ratio Lower Upper
82 100
128 45.1 29.7 44.5#
54 52.0 43.1 64.7

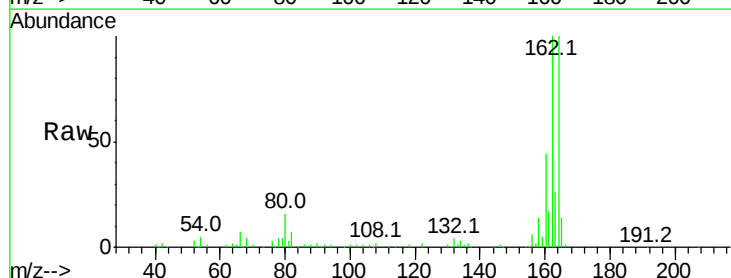


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

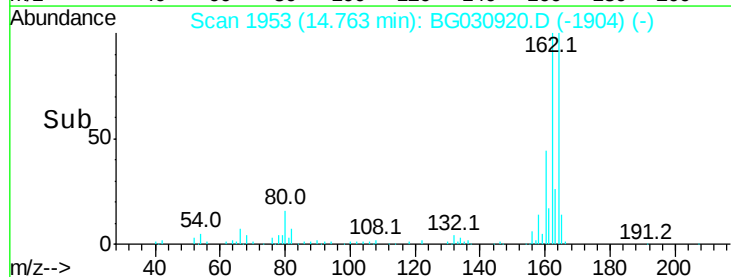
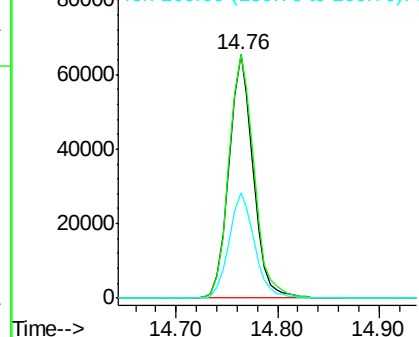


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030920.D
Acq: 10 Nov 2017 23:37

Tgt Ion:164 Resp: 107866
Ion Ratio Lower Upper
164 100
162 99.8 78.8 118.2
160 43.5 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

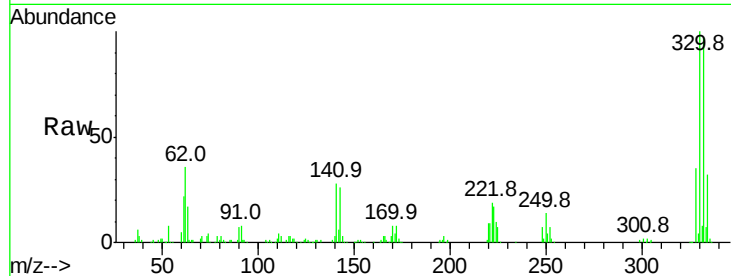




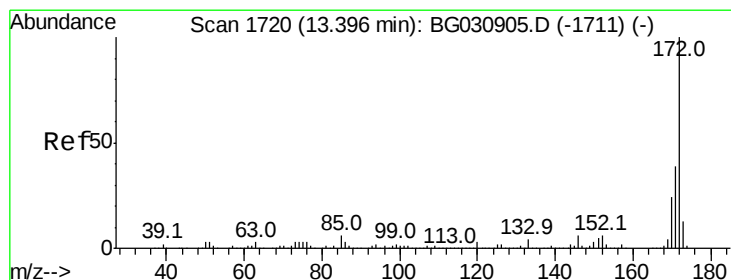
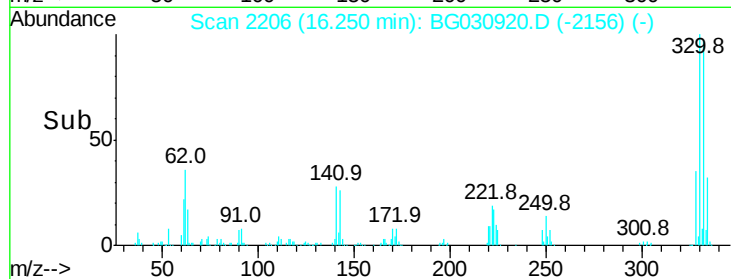
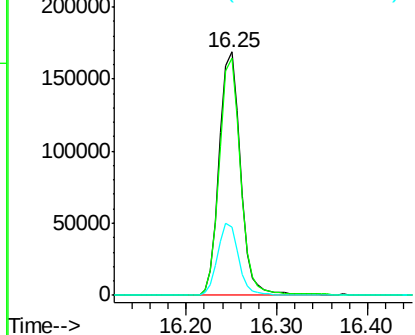
#41
 2,4,6-Tribromophenol
 Concen: 157.601 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030920.D
 Acq: 10 Nov 2017 23:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104039BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	29.4	25.2	37.8

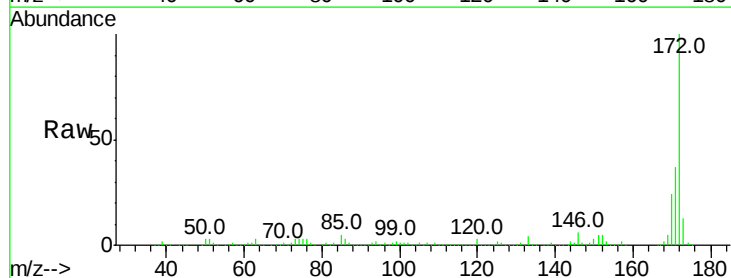


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

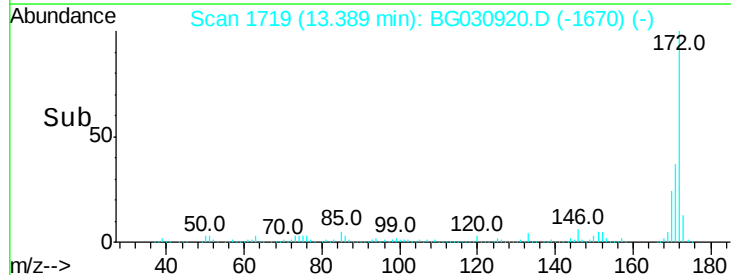
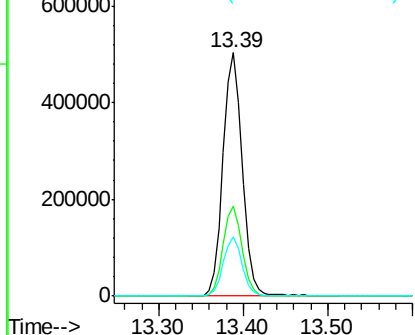


#44
 2-Fluorobiphenyl
 Concen: 106.250 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030920.D
 Acq: 10 Nov 2017 23:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.4	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

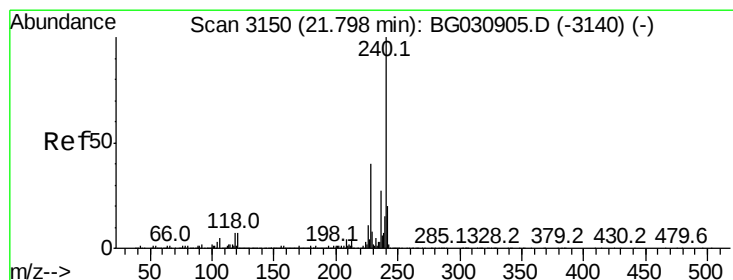
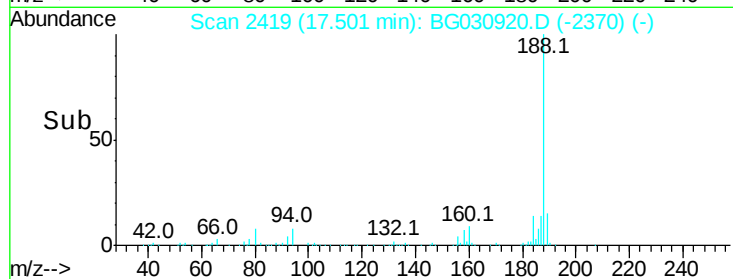
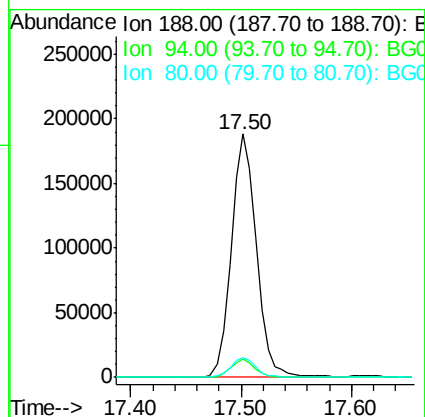
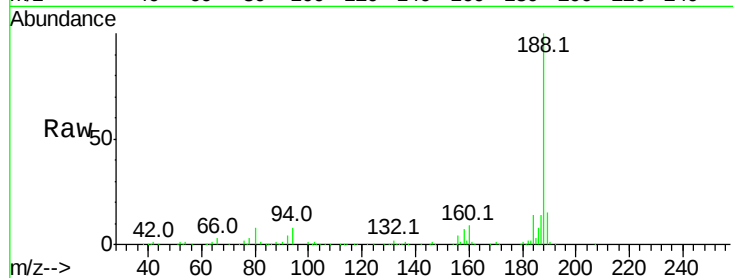




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030920.D
Acq: 10 Nov 2017 23:37

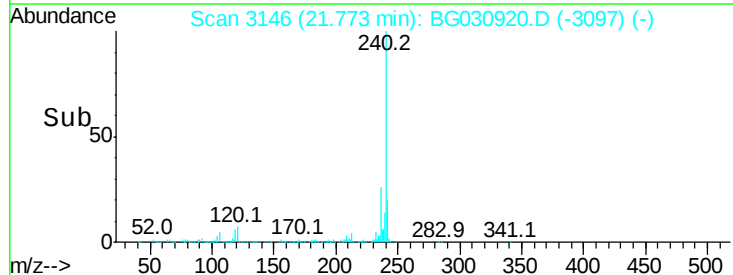
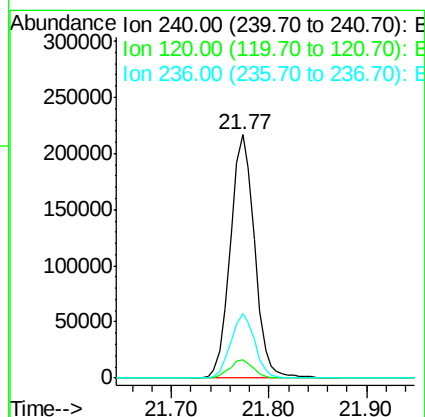
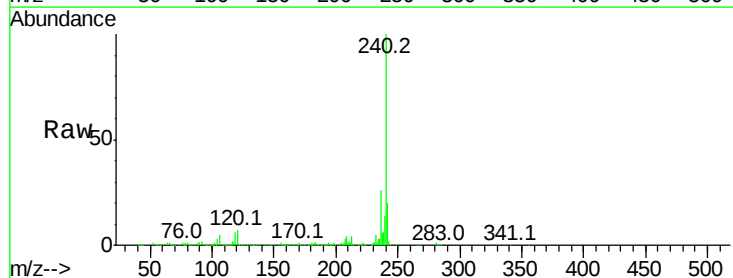
Instrument :
BNA_G
ClientSampleId :
PB104039BL

Tot Ion:188 Resp: 299514
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 7.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030920.D
Acq: 10 Nov 2017 23:37

Tgt Ion:240 Resp: 374336
Ion Ratio Lower Upper
240 100
120 7.3 6.8 10.2
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 96.975 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030920.D

Acq: 10 Nov 2017 23:37

Instrument :

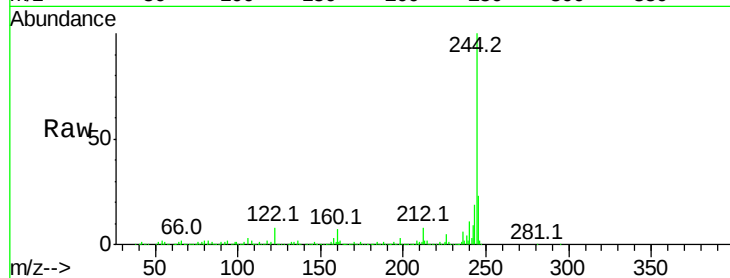
BNA_G

ClientSampleId :

PB104039BL

Tot Ion:244 Resp: 1644008

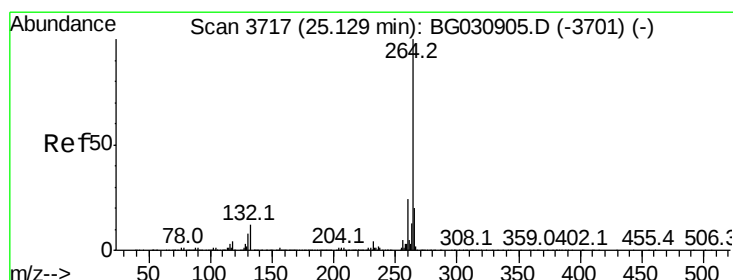
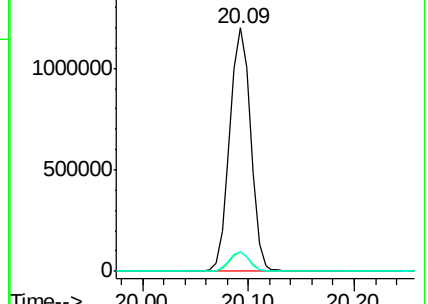
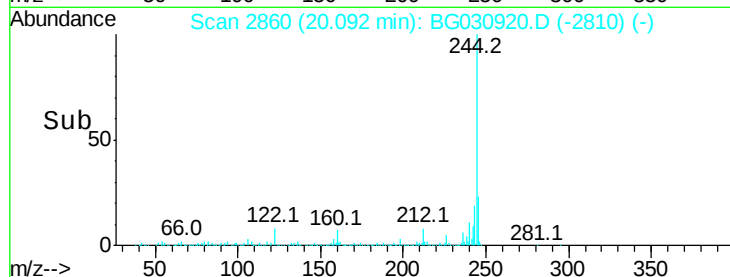
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	8.2	7.0	10.4



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

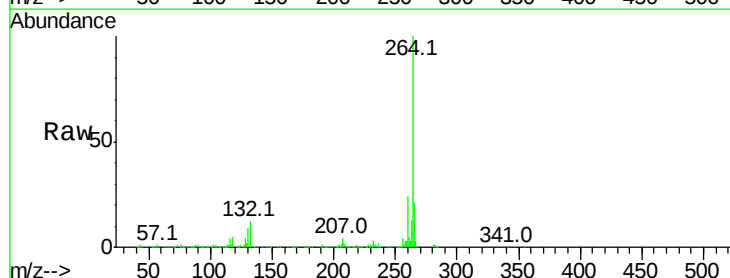
Delta R.T. -0.02 min

Lab File: BG030920.D

Acq: 10 Nov 2017 23:37

Tgt Ion:264 Resp: 369726

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.4	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

