

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG031002.D
 Acq On : 14 Nov 2017 9:43
 Operator : SJ/JU
 Sample : PB104197TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104197TB

Quant Time: Nov 14 11:38:16 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	34501	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	132241	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	86222	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	253410	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	412369	20.00	ng	-0.01
86) Perylene-d12	25.07	264	403203	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	230753	114.69	ng	0.00
7) Phenol-d6	7.31	99	285499	105.33	ng	0.00
23) Nitrobenzene-d5	9.31	82	165865	74.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	159158	114.11	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	514440	85.73	ng	-0.02
78) Terphenyl-d14	20.09	244	1319047	70.63	ng	0.00

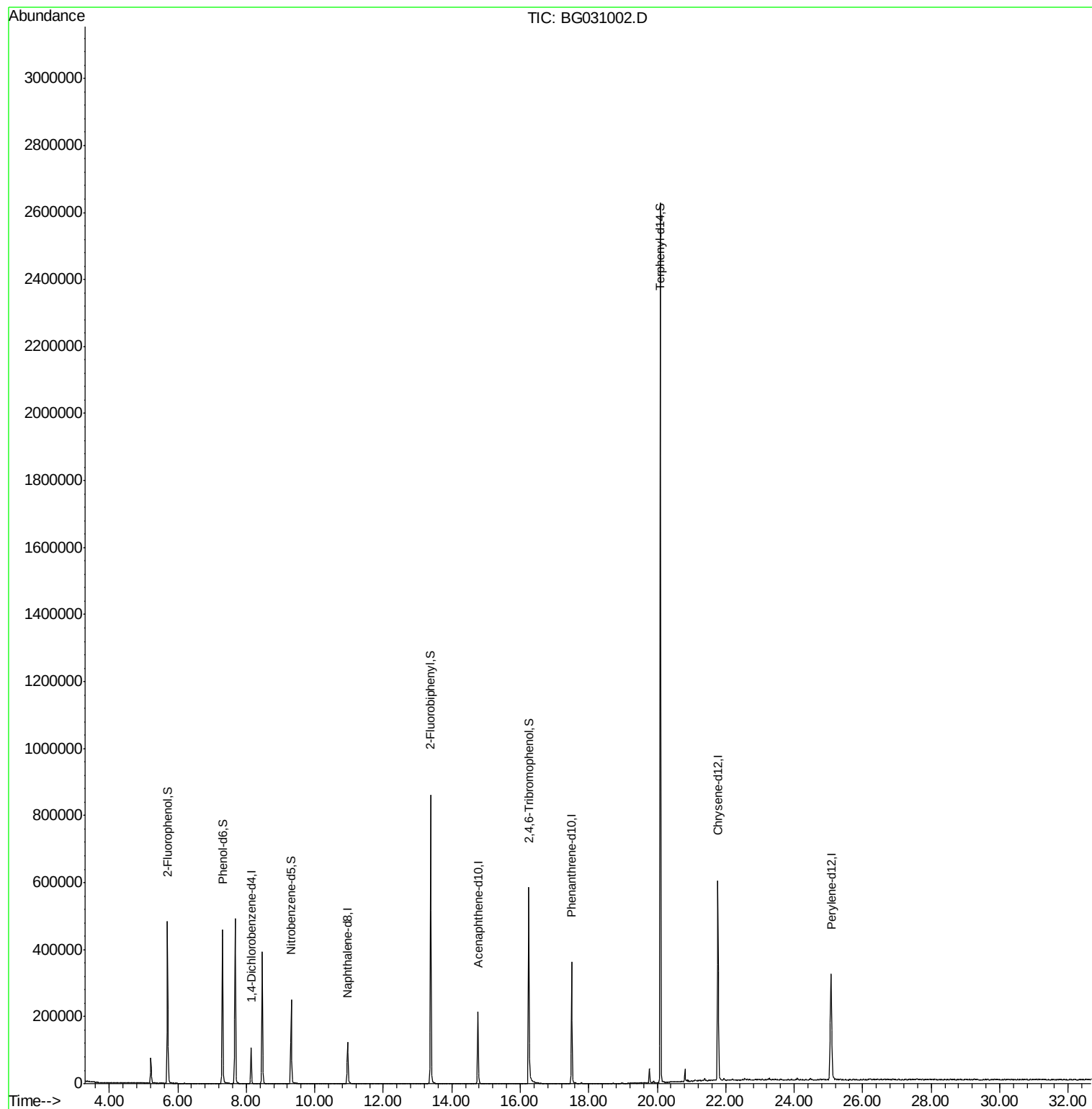
Target Compounds Qvalue

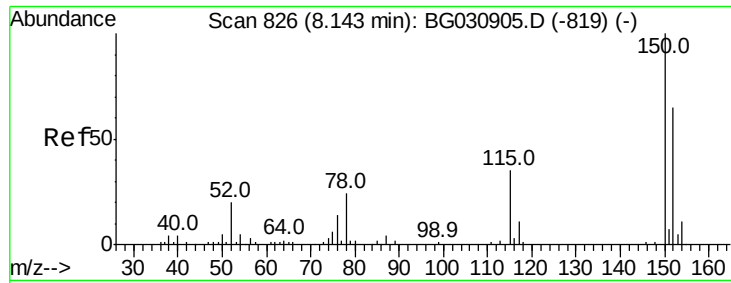
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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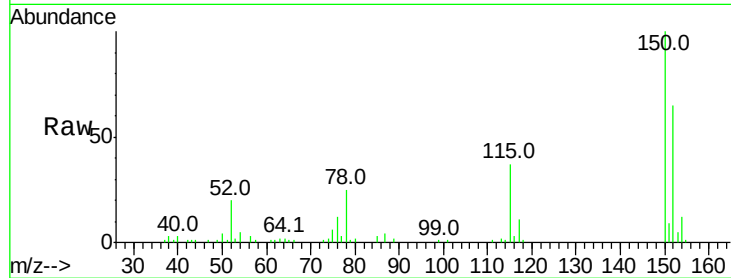


#1

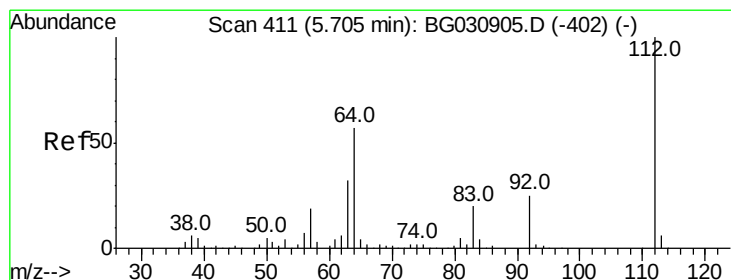
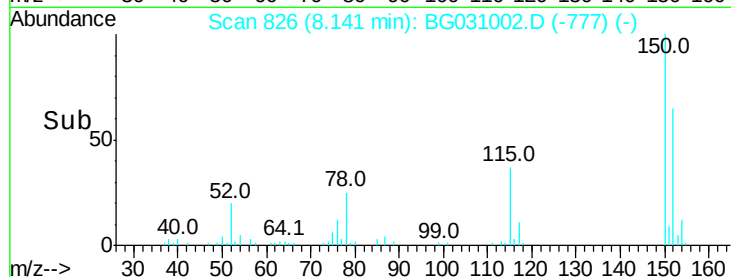
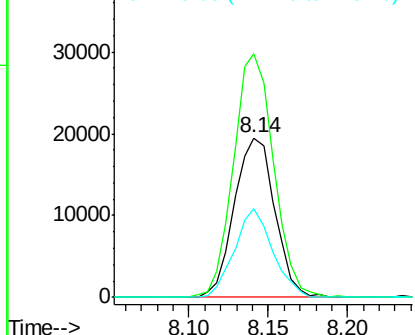
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031002.D
Acq: 14 Nov 2017 9:43

Instrument :
BNA_G
ClientSampleId :
PB104197TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.6	189.8
115	55.9	53.0	79.4



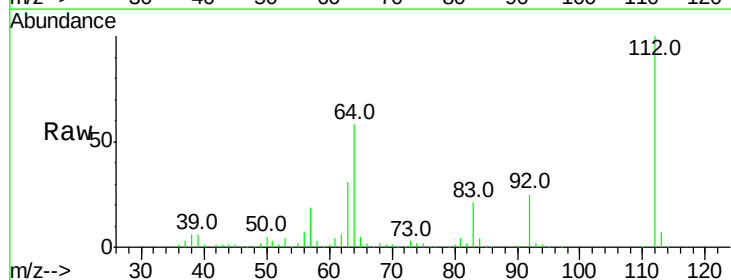
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



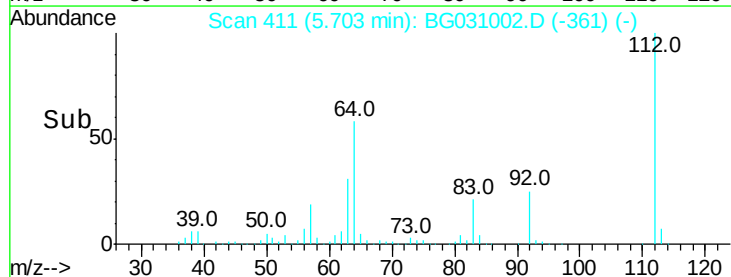
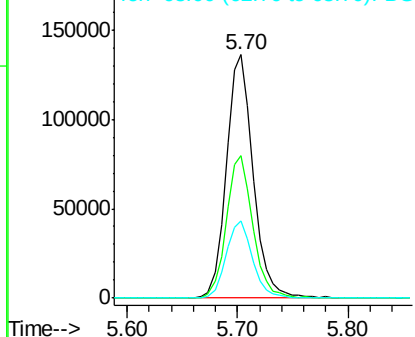
#5

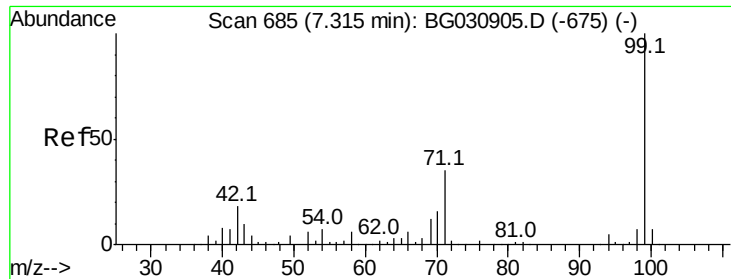
2-Fluorophenol
Concen: 114.688 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG031002.D
Acq: 14 Nov 2017 9:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	56.3	84.5
63	31.5	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: 105.327 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031002.D

Acq: 14 Nov 2017 9:43

Instrument :

BNA_G

ClientSampleId :

PB104197TB

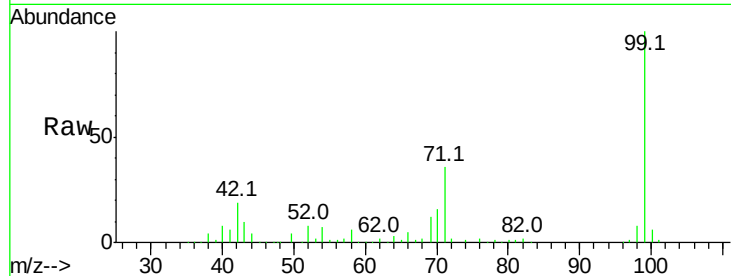
Tot Ion: 99 Resp: 285499

Ion Ratio Lower Upper

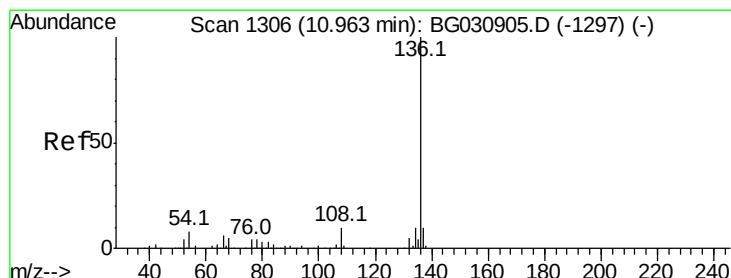
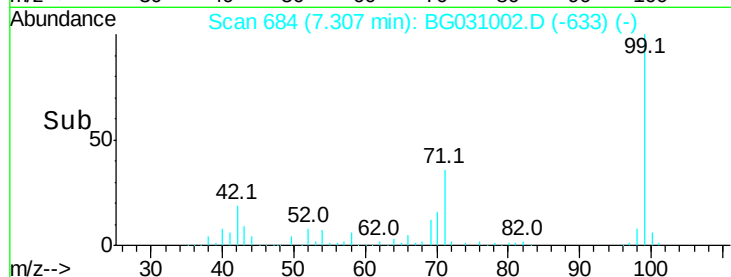
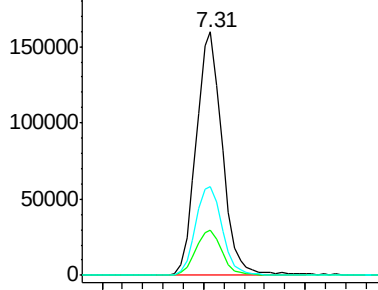
99 100

42 18.7 14.1 21.1

71 36.2 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# 1305

Delta R.T. -0.01 min

Lab File: BG031002.D

Acq: 14 Nov 2017 9:43

Tgt Ion: 136 Resp: 132241

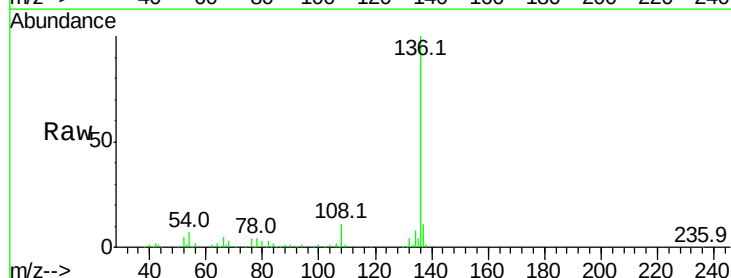
Ion Ratio Lower Upper

136 100

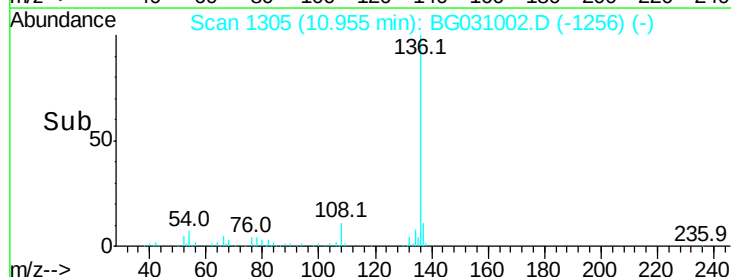
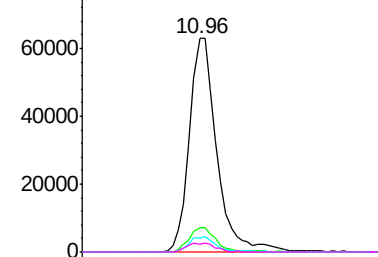
137 11.2 9.2 13.8

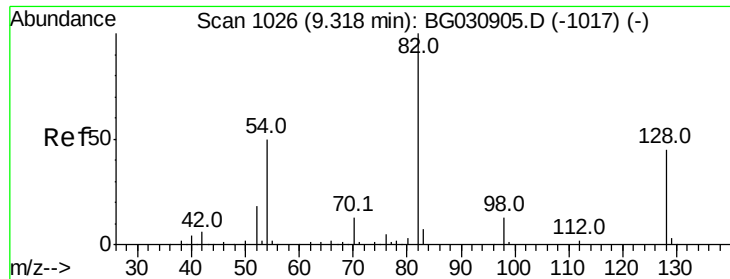
54 6.8 10.3 15.5#

68 3.5 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

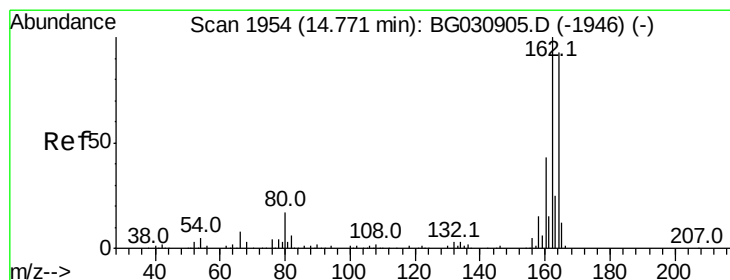
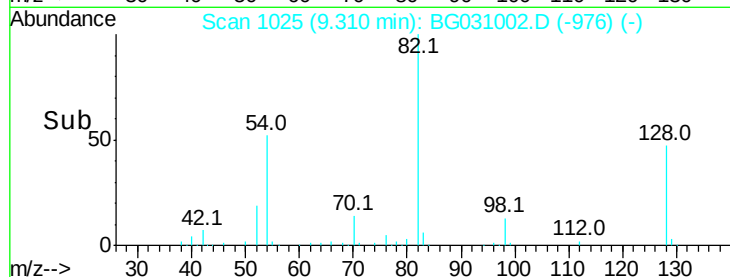
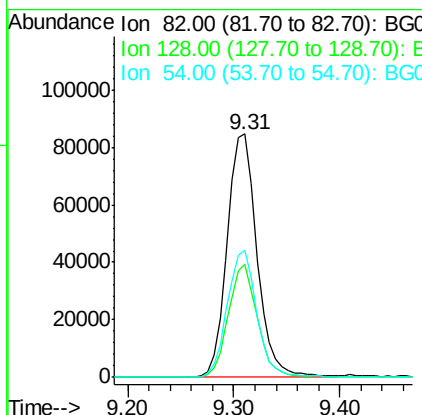
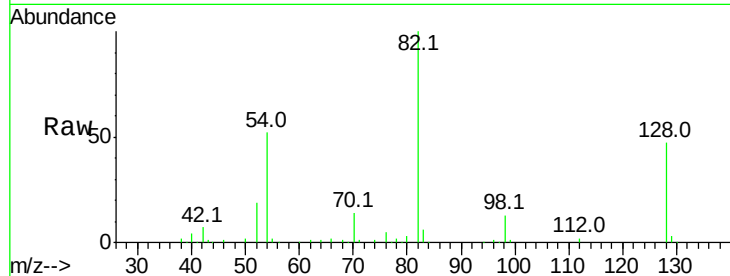




#23
 Nitrobenzene-d5
 Concen: 74.323 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031002.D
 Acq: 14 Nov 2017 9:43

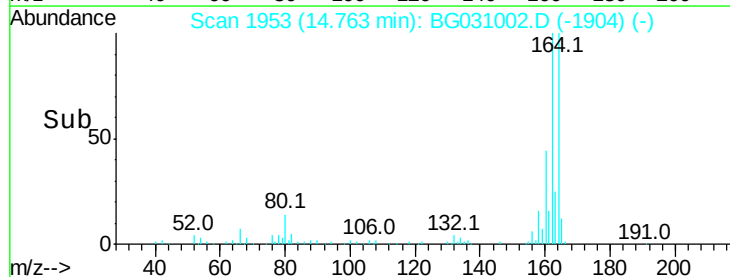
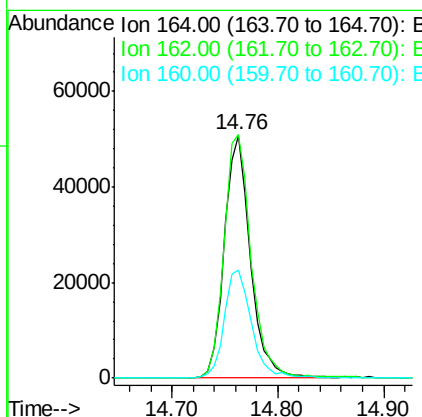
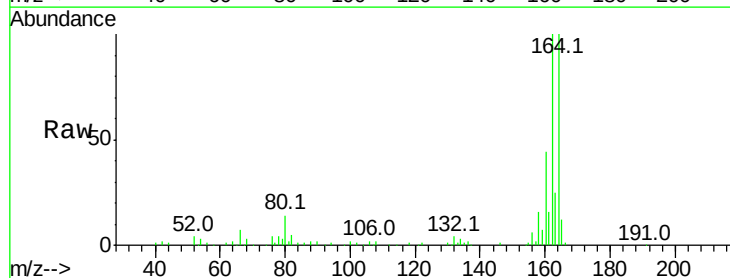
Instrument :
 BNA_G
 ClientSampleId :
 PB104197TB

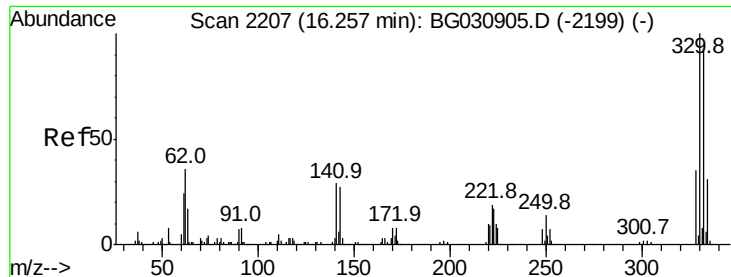
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5
54	52.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG031002.D
 Acq: 14 Nov 2017 9:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	44.4	35.4	53.0

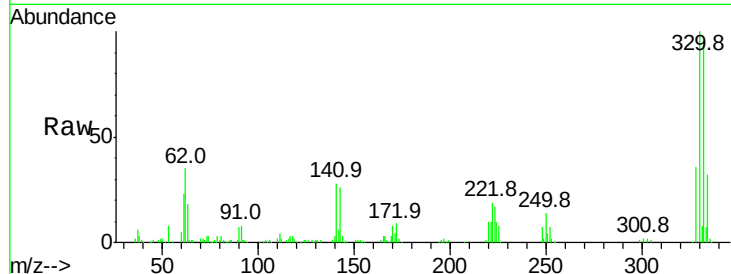




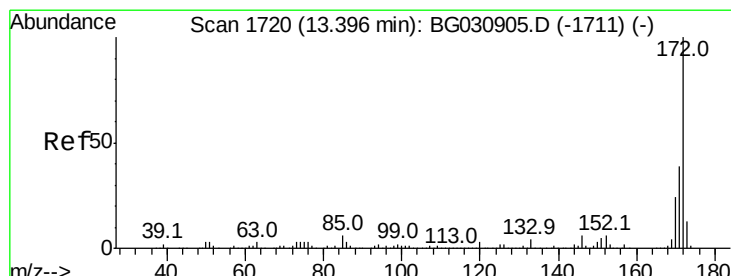
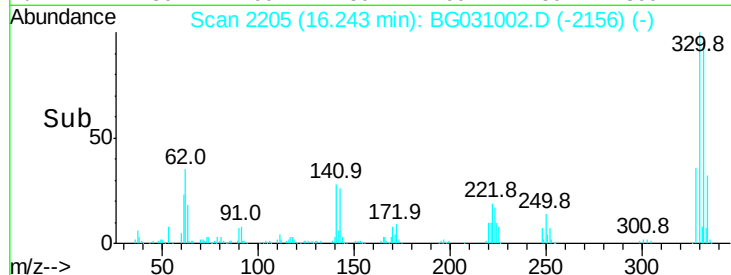
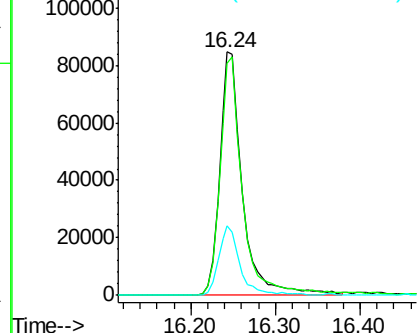
#41
 2,4,6-Tribromophenol
 Concen: 114.109 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031002.D
 Acq: 14 Nov 2017 9:43

Instrument :
 BNA_G
 ClientSampled :
 PB104197TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	27.1	25.2	37.8

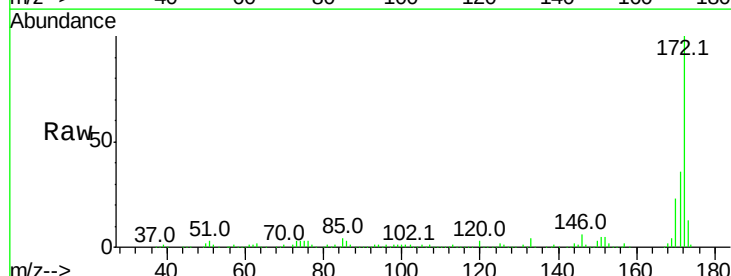


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

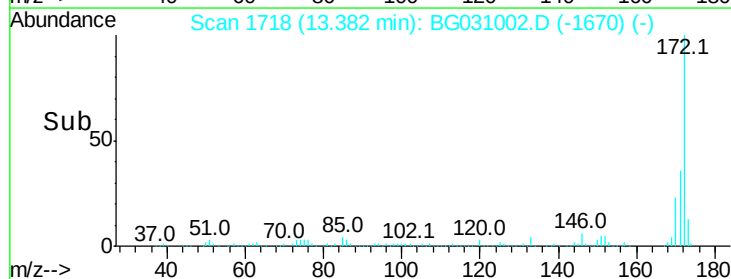
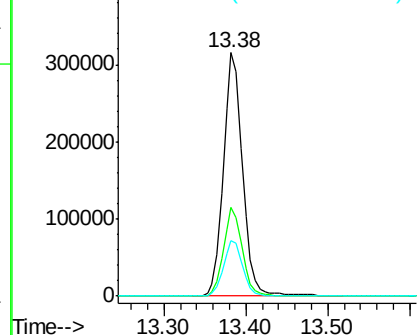


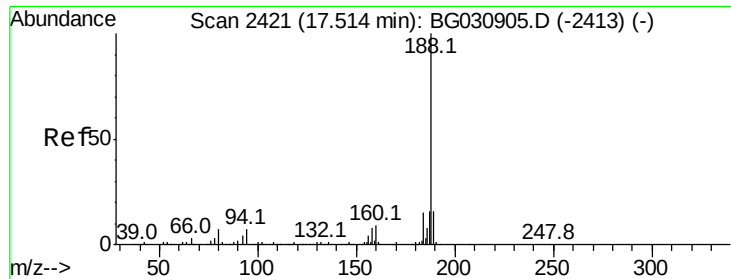
#44
 2-Fluorobiphenyl
 Concen: 85.731 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031002.D
 Acq: 14 Nov 2017 9:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	22.9	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

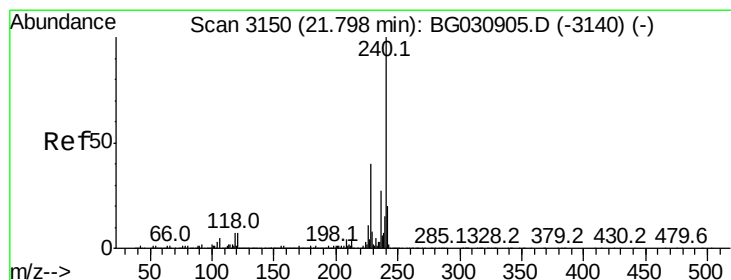
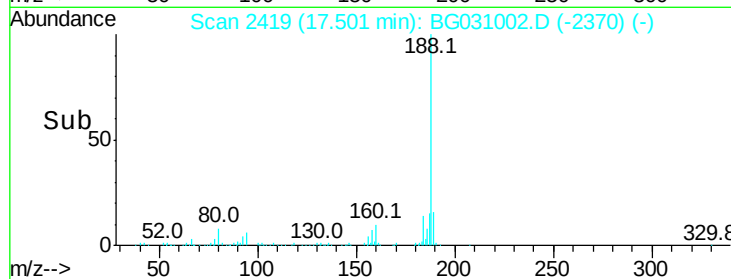
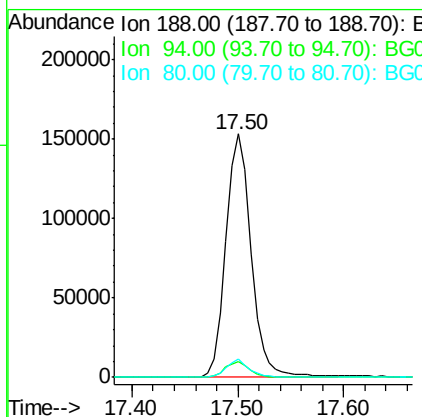
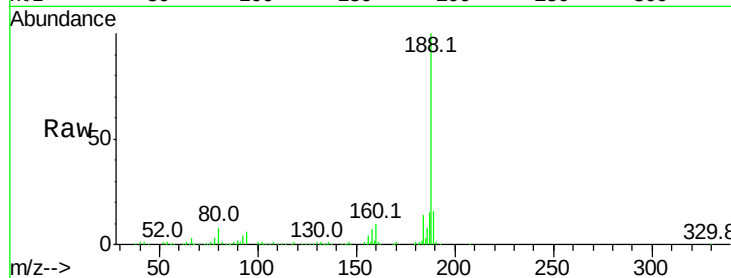




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031002.D
Acq: 14 Nov 2017 9:43

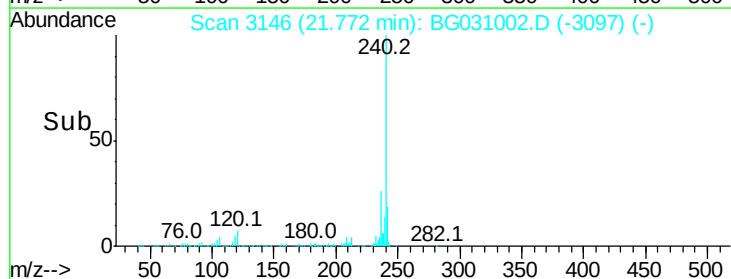
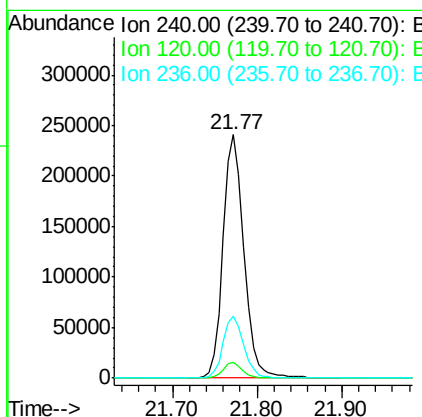
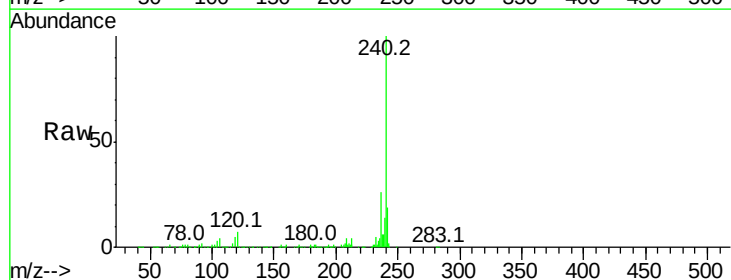
Instrument :
BNA_G
ClientSampleId :
PB104197TB

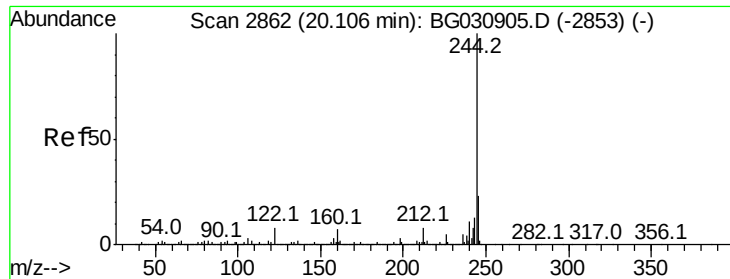
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.8	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG031002.D
Acq: 14 Nov 2017 9:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	25.6	20.9	31.3





#78

Terphenyl-d14

Concen: 70.630 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031002.D

Acq: 14 Nov 2017 9:43

Instrument :

BNA_G

ClientSampleId :

PB104197TB

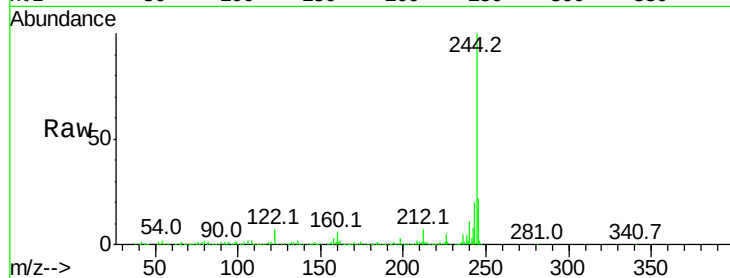
Tot Ion:244 Resp: 1319047

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

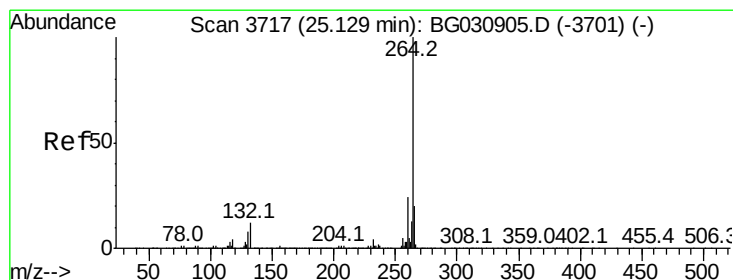
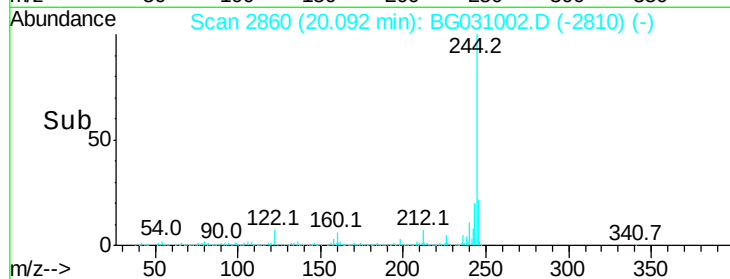
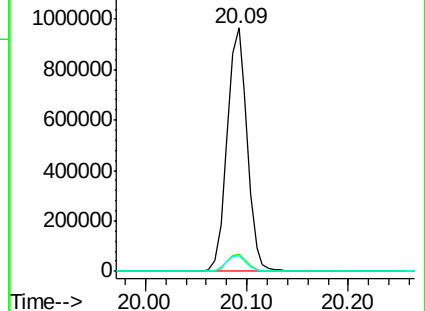
122 6.6 7.0 10.4#



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: BG031002.D

Acq: 14 Nov 2017 9:43

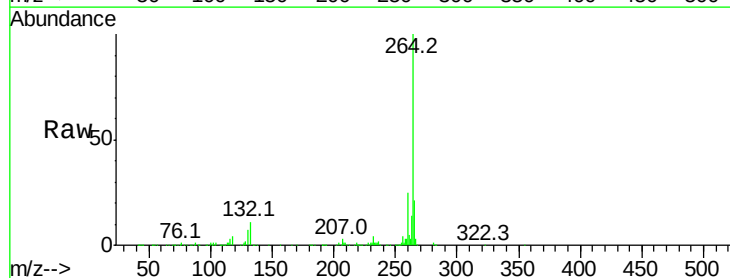
Tgt Ion:264 Resp: 403203

Ion Ratio Lower Upper

264 100

260 25.1 17.4 26.0

265 20.9 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

