

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030973.D
 Acq On : 13 Nov 2017 15:09
 Operator : SJ/JU
 Sample : PB104186BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BL

Quant Time: Nov 14 04:49:38 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	41528	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	164354	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	110793	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	312449	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	413234	20.00	ng	-0.02
86) Perylene-d12	25.06	264	409155	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	318735	131.61	ng	0.00
7) Phenol-d6	7.31	99	390536	119.70	ng	0.00
23) Nitrobenzene-d5	9.31	82	234160	84.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	268694	149.92	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	689220	89.39	ng	-0.02
78) Terphenyl-d14	20.09	244	1543167	82.46	ng	-0.01

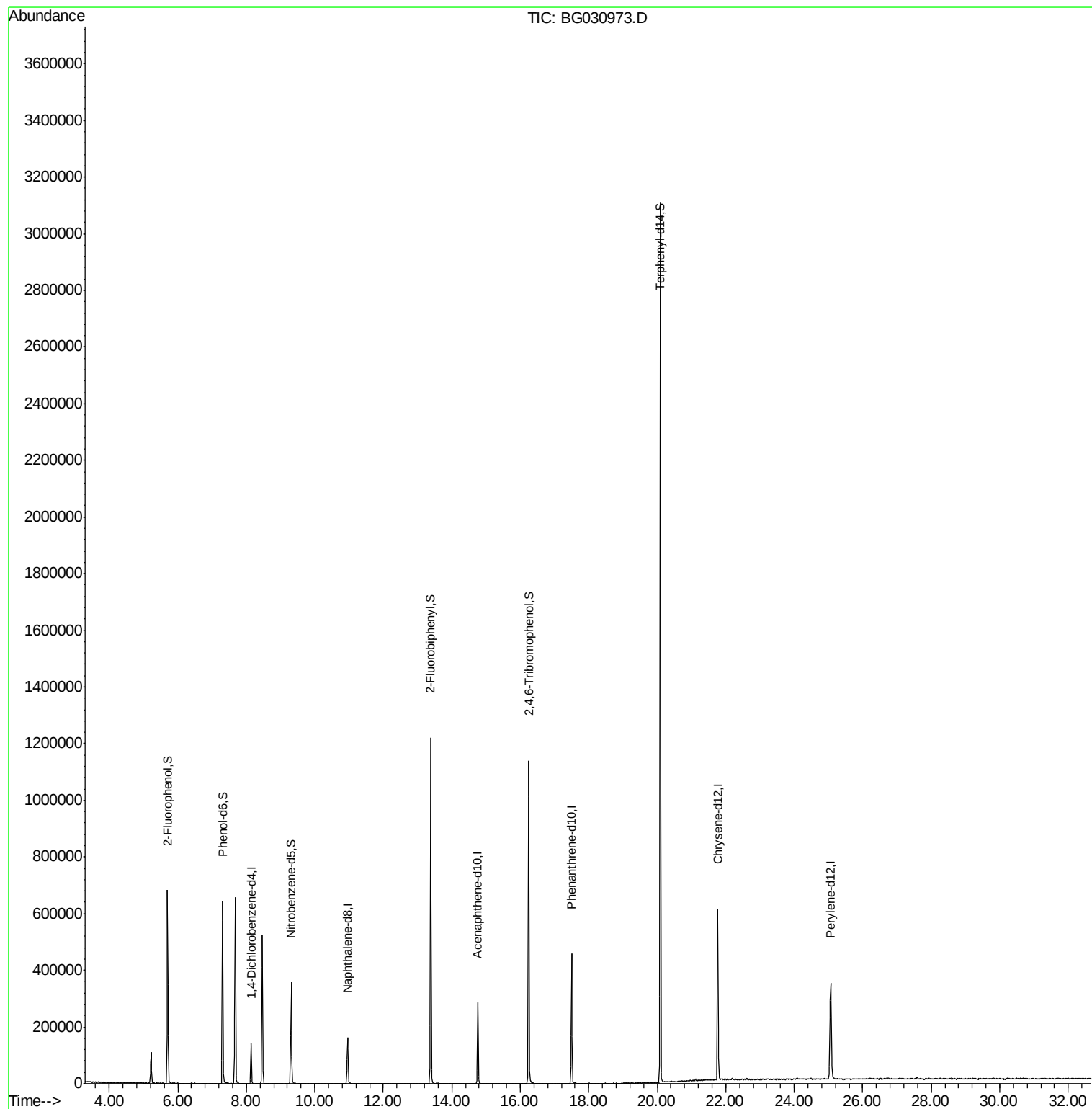
Target Compounds Qvalue

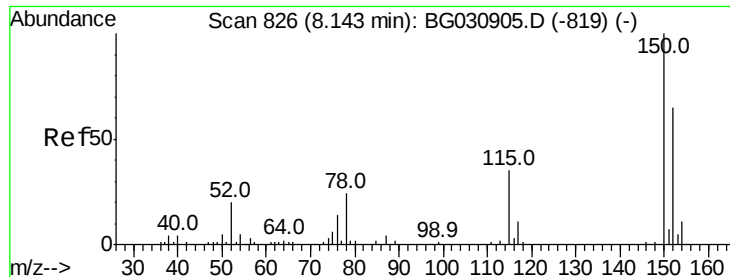
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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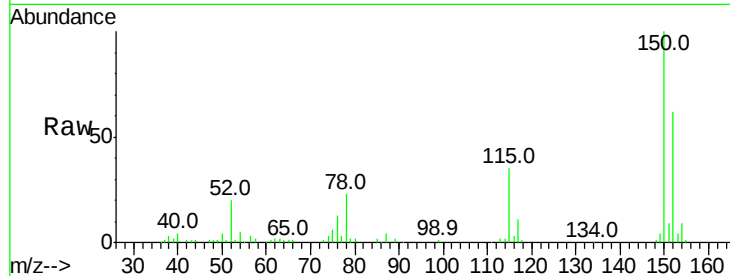


#1

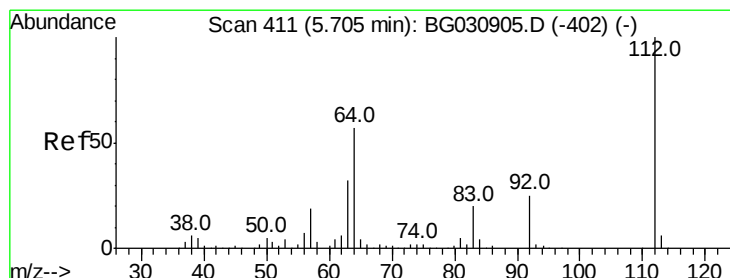
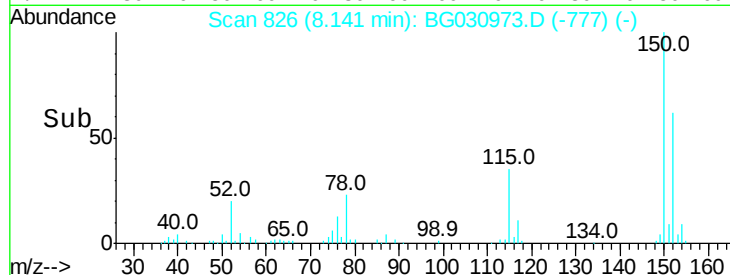
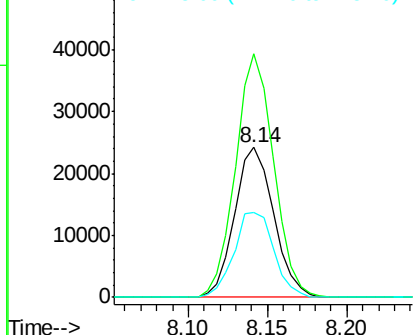
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG030973.D
 Acq: 13 Nov 2017 15:09

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BL

Tot Ion:152 Resp: 41528
 Ion Ratio Lower Upper
 152 100
 150 162.4 126.6 189.8
 115 56.3 53.0 79.4



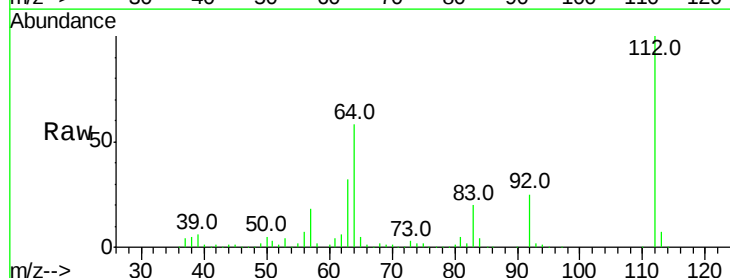
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



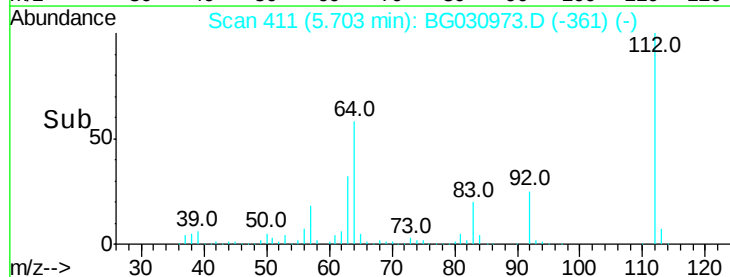
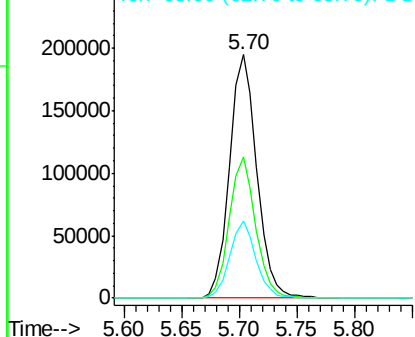
#5

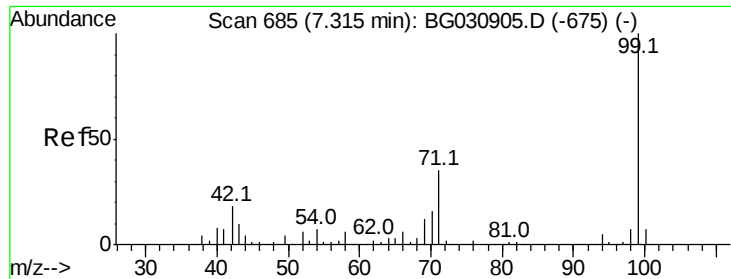
2-Fluorophenol
 Concen: 131.611 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BG030973.D
 Acq: 13 Nov 2017 15:09

Tgt Ion:112 Resp: 318735
 Ion Ratio Lower Upper
 112 100
 64 58.1 56.3 84.5
 63 31.9 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: 119.698 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030973.D

Acq: 13 Nov 2017 15:09

Instrument :

BNA_G

ClientSampleId :

PB104186BL

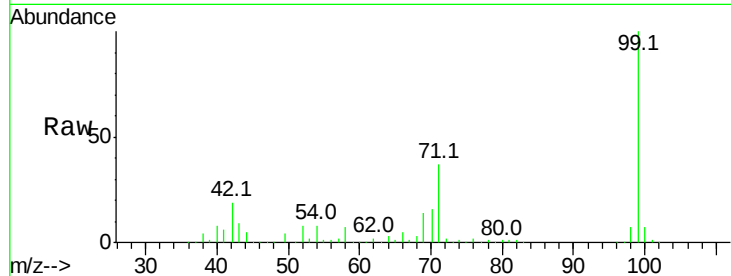
Tot Ion: 99 Resp: 390536

Ion Ratio Lower Upper

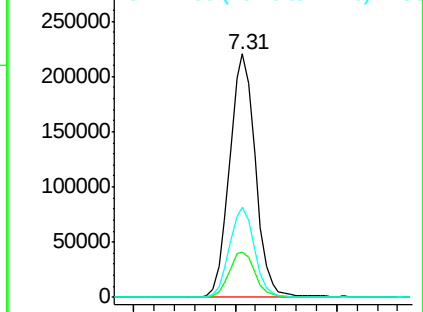
99 100

42 18.8 14.1 21.1

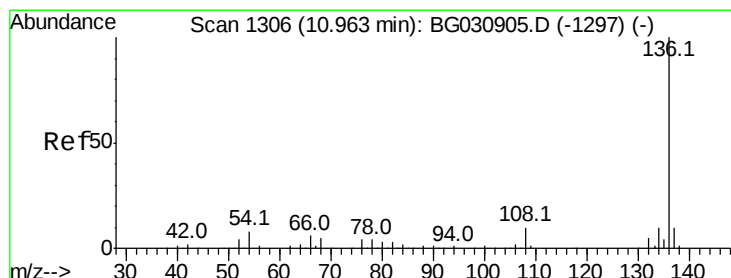
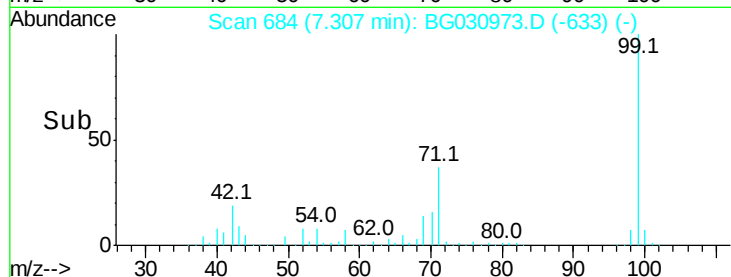
71 36.8 26.1 39.1



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030973.D

Acq: 13 Nov 2017 15:09

Tgt Ion: 136 Resp: 164354

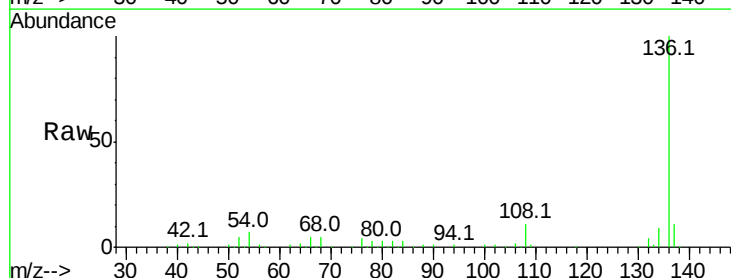
Ion Ratio Lower Upper

136 100

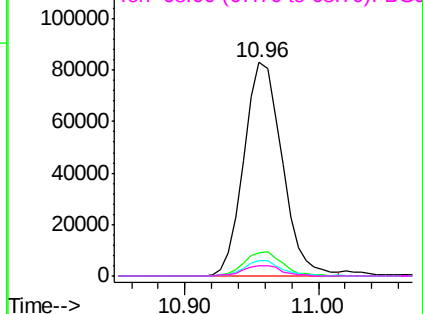
137 10.9 9.2 13.8

54 7.0 10.3 15.5#

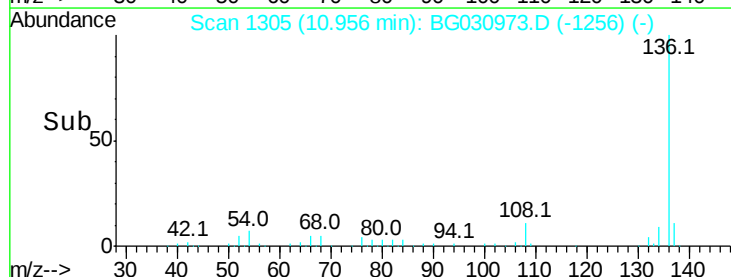
68 4.9 4.5 6.7

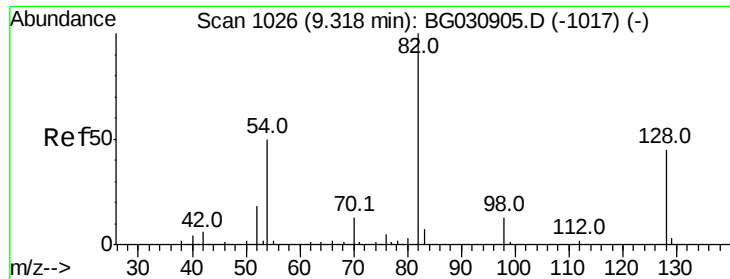


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

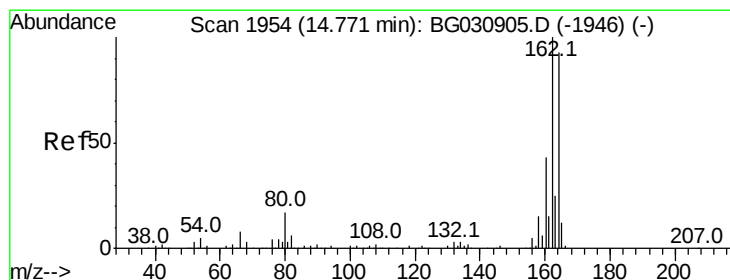
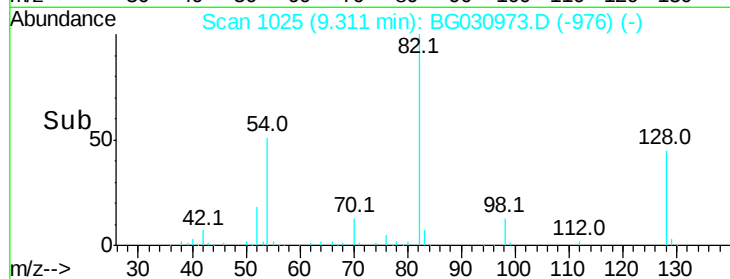
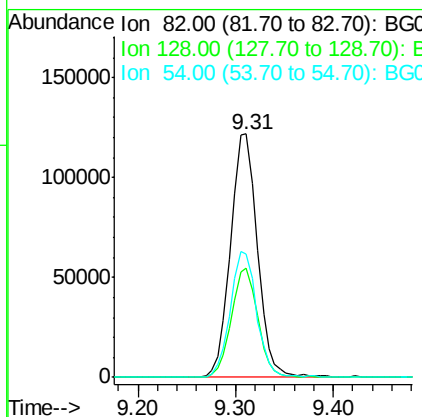
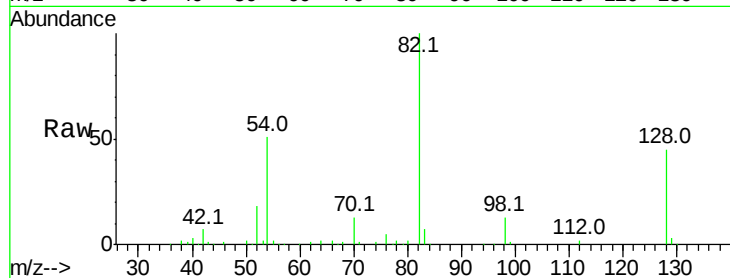




#23
Nitrobenzene-d5
Concen: 84.424 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030973.D
Acq: 13 Nov 2017 15:09

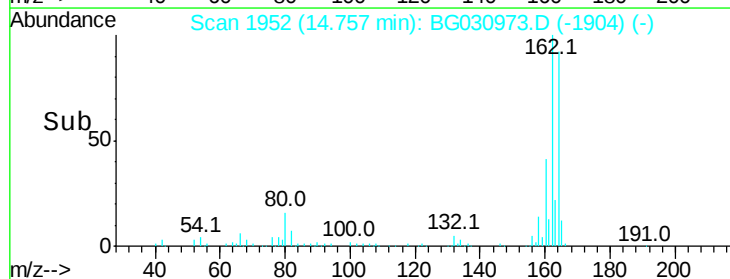
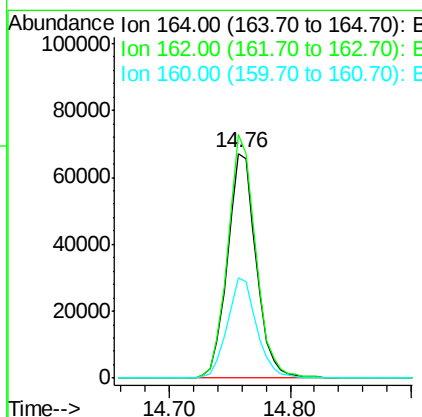
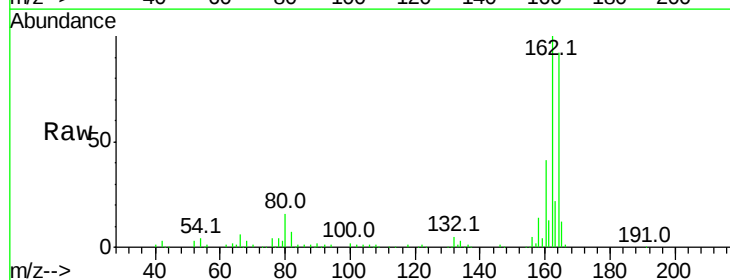
Instrument :
BNA_G
ClientSampleId :
PB104186BL

Tot Ion	82	Resp	234160
Ion Ratio	Lower	Upper	
82	100		
128	45.0	29.7	44.5#
54	50.8	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG030973.D
Acq: 13 Nov 2017 15:09

Tgt Ion	164	Resp	110793
Ion Ratio	Lower	Upper	
164	100		
162	108.3	78.8	118.2
160	44.8	35.4	53.0

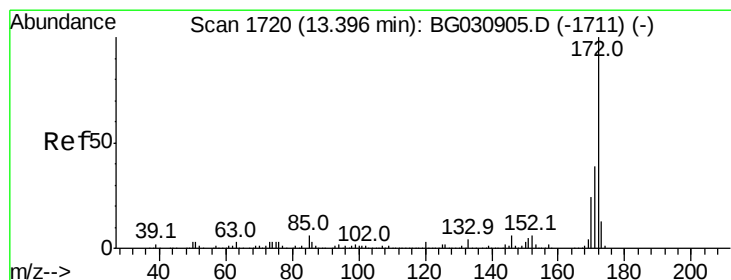
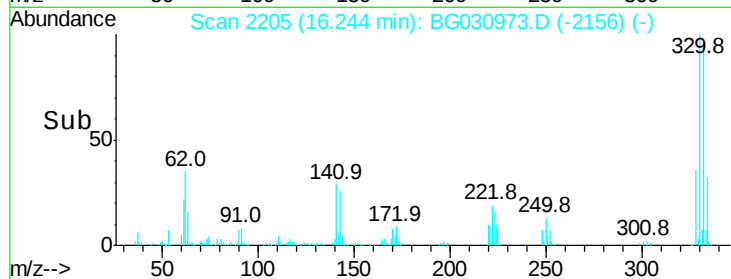
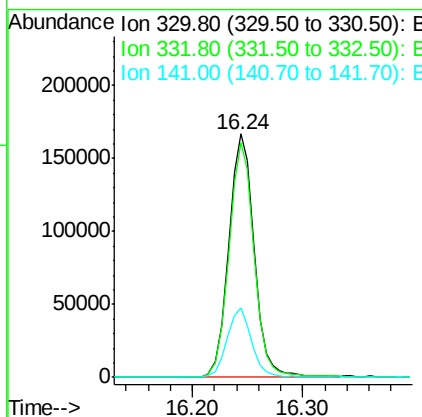
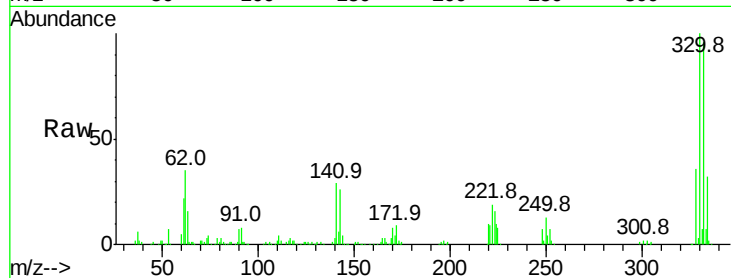




#41
 2,4,6-Tribromophenol
 Concen: 149.918 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030973.D
 Acq: 13 Nov 2017 15:09

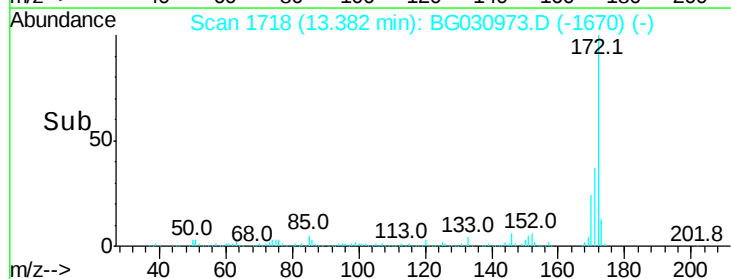
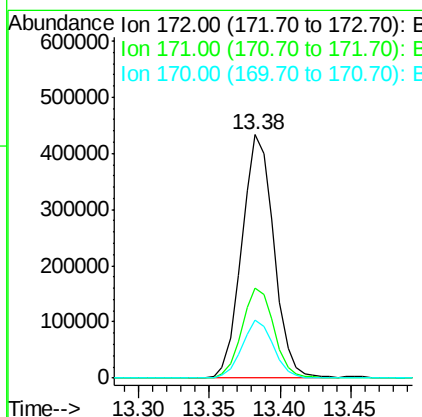
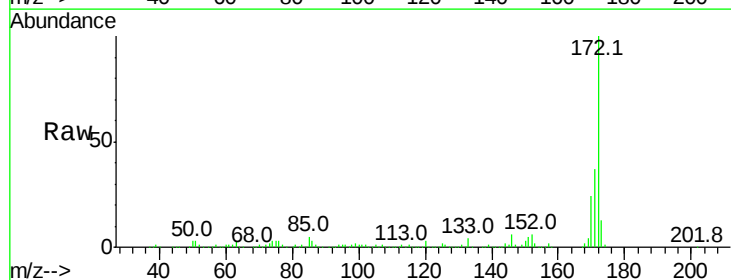
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	28.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 89.386 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030973.D
 Acq: 13 Nov 2017 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.6	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG030973.D

Acq: 13 Nov 2017 15:09

Instrument :

BNA_G

ClientSampleId :

PB104186BL

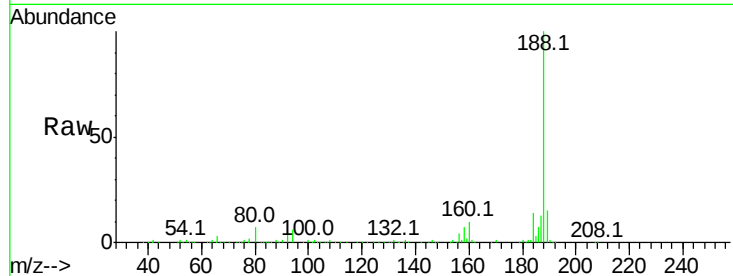
Tot Ion:188 Resp: 312449

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

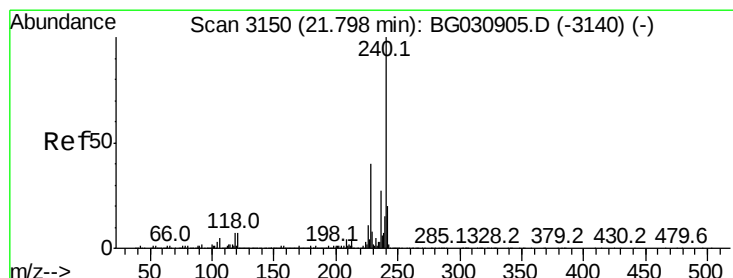
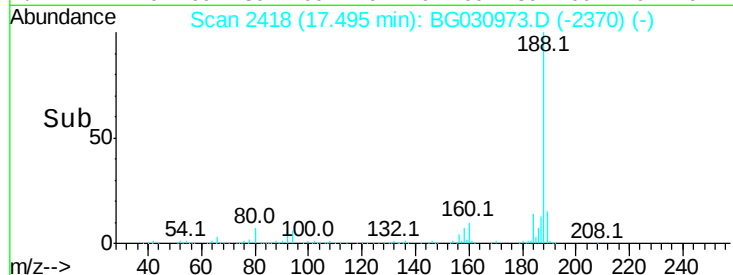
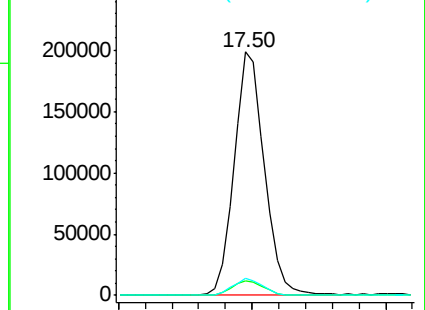
80 6.8 7.7 11.5#



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: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG030973.D

Acq: 13 Nov 2017 15:09

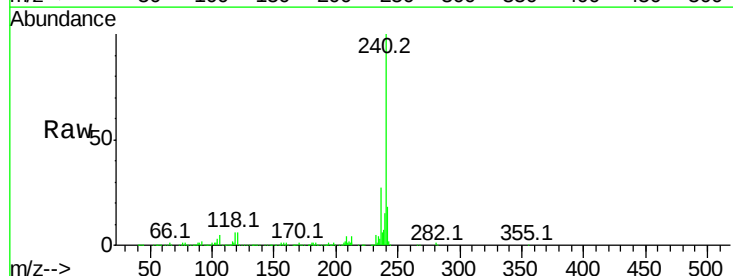
Tgt Ion:240 Resp: 413234

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

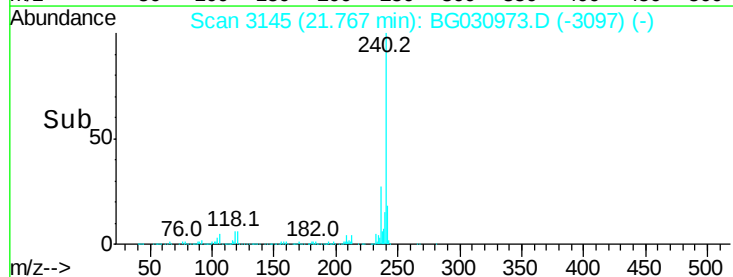
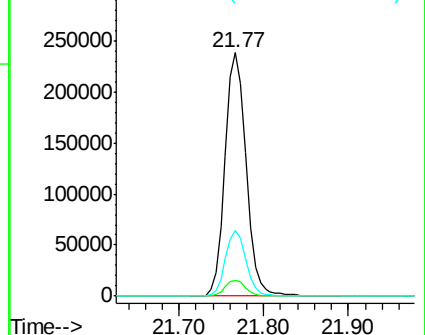
236 26.9 20.9 31.3



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: 82.458 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG030973.D

Acq: 13 Nov 2017 15:09

Instrument :

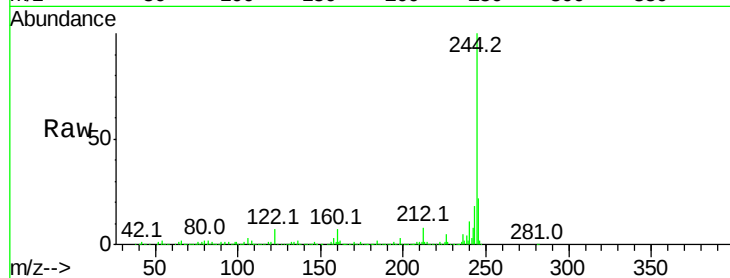
BNA_G

ClientSampleId :

PB104186BL

Tot Ion:244 Resp: 1543167

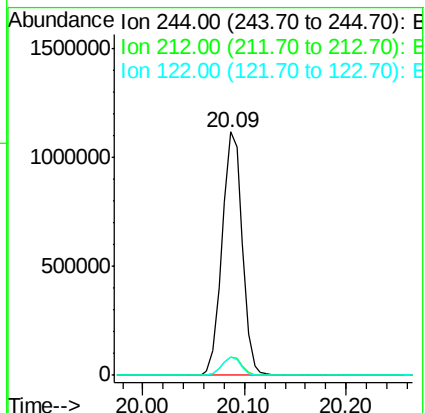
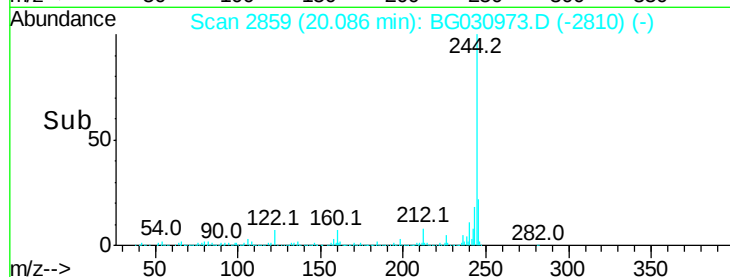
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.3	7.0	10.4



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: 25.06 min Scan# 3706

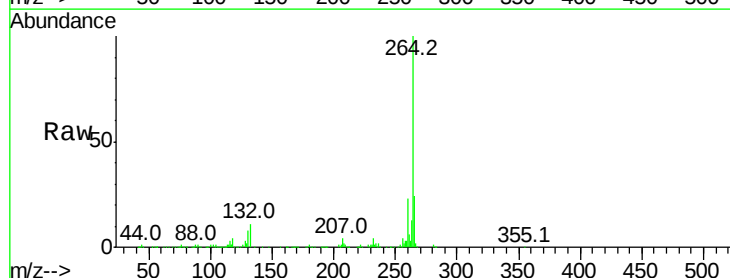
Delta R.T. -0.03 min

Lab File: BG030973.D

Acq: 13 Nov 2017 15:09

Tgt Ion:264 Resp: 409155

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	23.5	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

