

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033307.D
 Acq On : 22 Mar 2018 22:58
 Operator : SJ/JU
 Sample : PB107545BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107545BL

Quant Time: Mar 23 05:15:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	33582	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	139369	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	115740	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	326115	20.00	ng	0.00
75) Chrysene-d12	22.59	240	338110	20.00	ng	0.00
86) Perylene-d12	26.39	264	341899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	334618	186.84	ng	0.00
7) Phenol-d6	7.99	99	508692	165.31	ng	0.00
23) Nitrobenzene-d5	10.09	82	317867	104.79	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	211985	122.46	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	804796	100.38	ng	0.00
78) Terphenyl-d14	20.76	244	1597186	101.02	ng	0.00

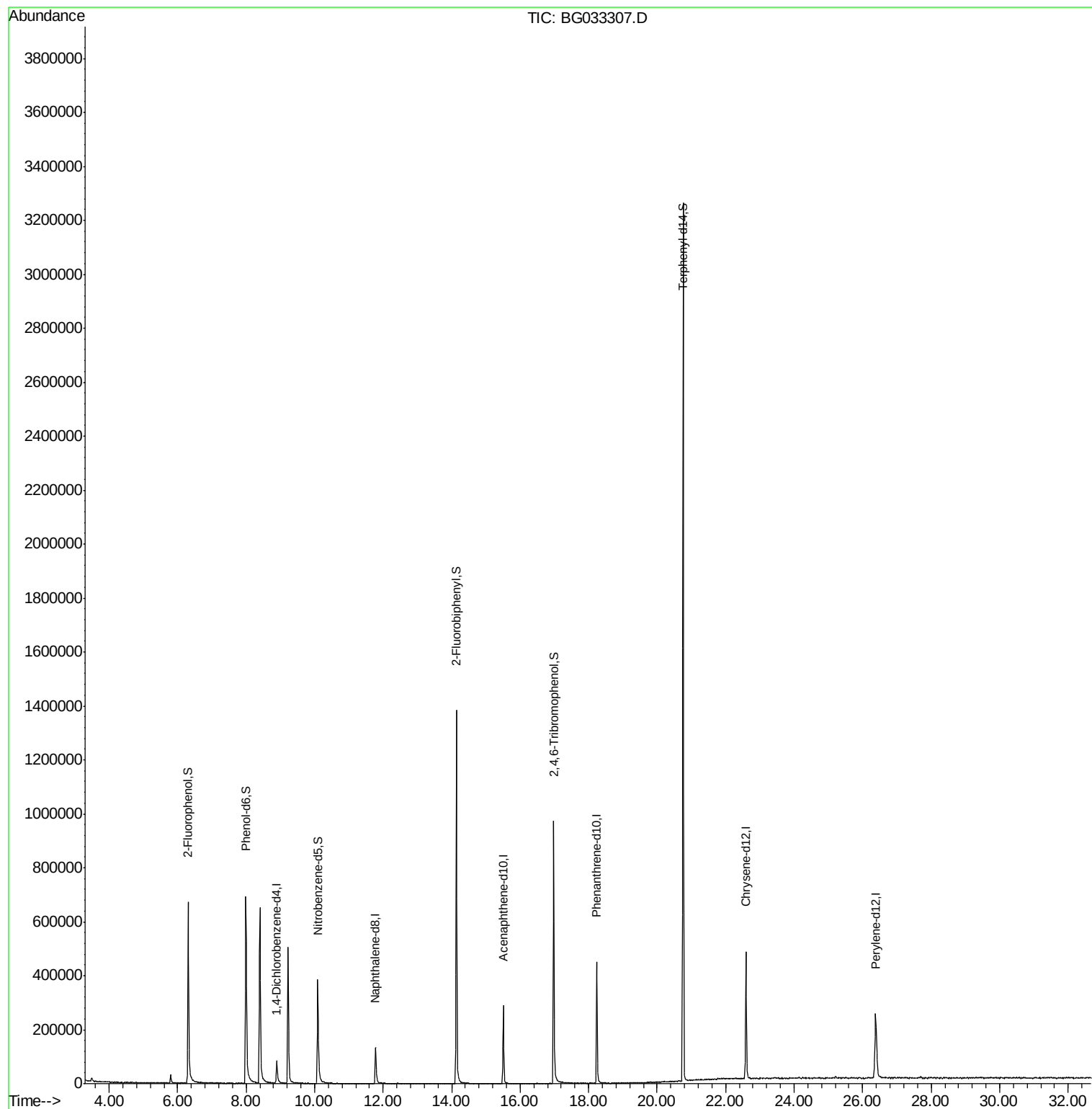
Target Compounds Qvalue

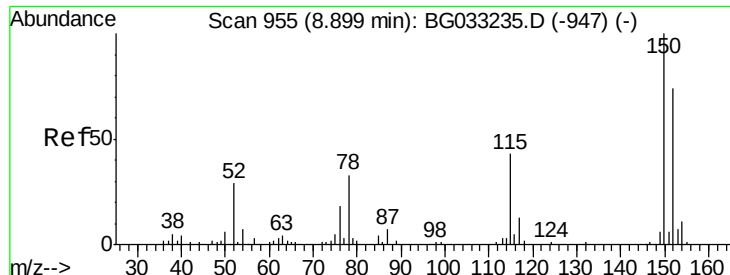
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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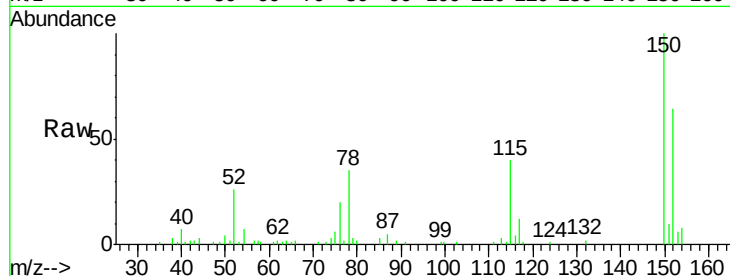


#1

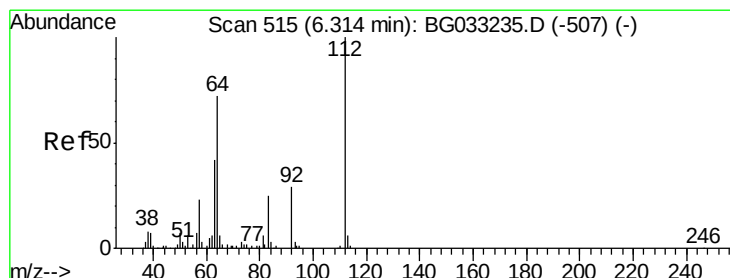
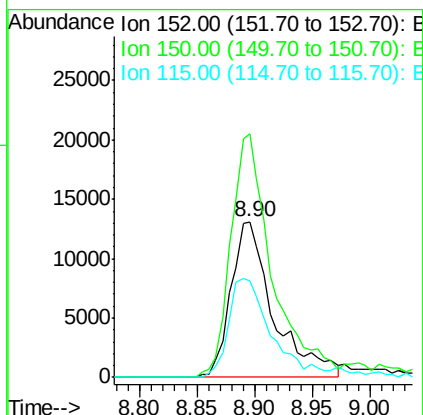
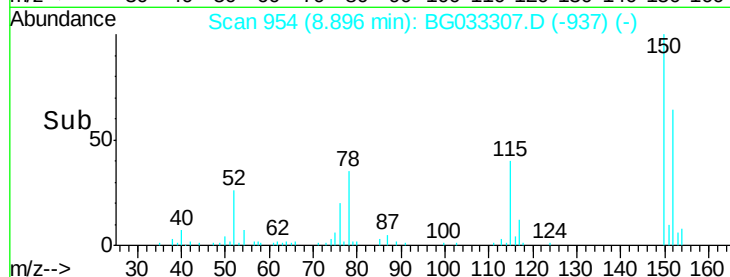
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.90 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BG033307.D
 Acq: 22 Mar 2018 22:58

Instrument :
 BNA_G
 ClientSampleId :
 PB107545BL

Tot Ion:152 Resp: 33582
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.6 189.8
 115 62.1 53.0 79.4



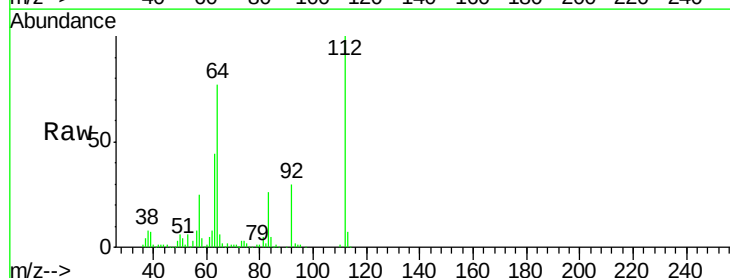
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



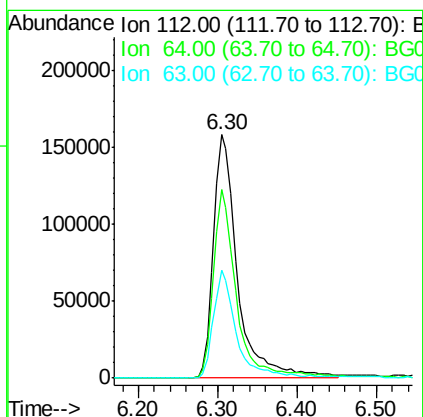
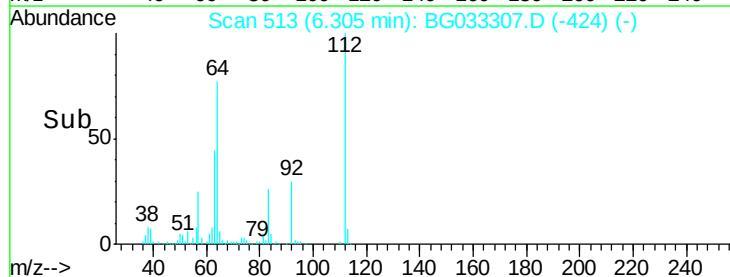
#5

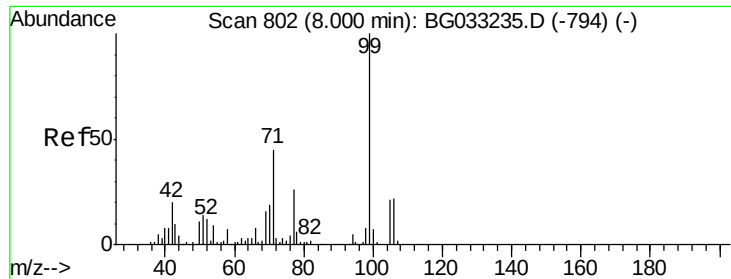
2-Fluorophenol
 Concen: 186.841 ng
 RT: 6.30 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BG033307.D
 Acq: 22 Mar 2018 22:58

Tgt Ion:112 Resp: 334618
 Ion Ratio Lower Upper
 112 100
 64 77.2 56.3 84.5
 63 44.3 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: 165.311 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

Instrument :

BNA_G

ClientSampleId :

PB107545BL

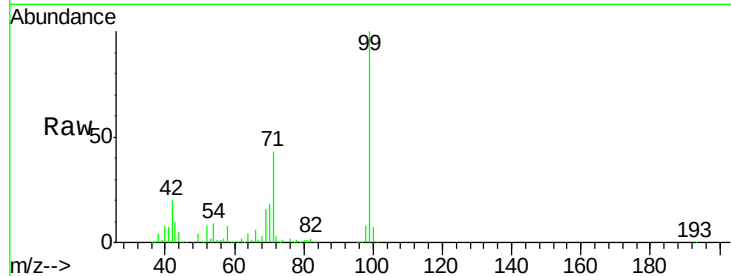
Tot Ion: 99 Resp: 508692

Ion Ratio Lower Upper

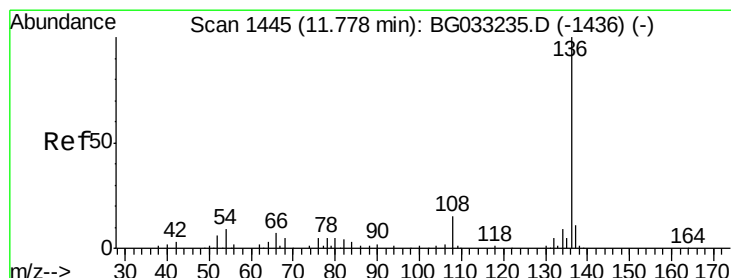
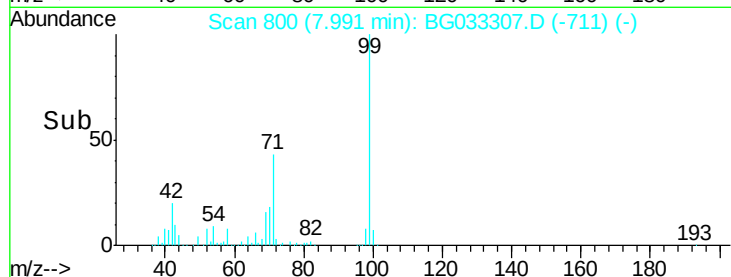
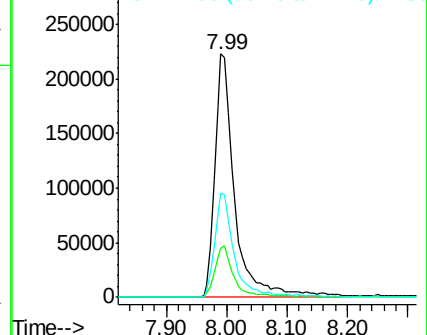
99 100

42 19.9 14.1 21.1

71 42.9 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: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

Tgt Ion: 136 Resp: 139369

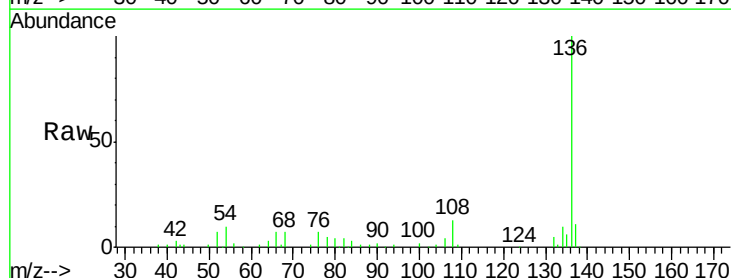
Ion Ratio Lower Upper

136 100

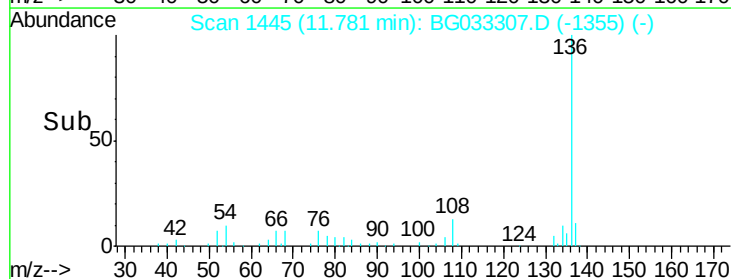
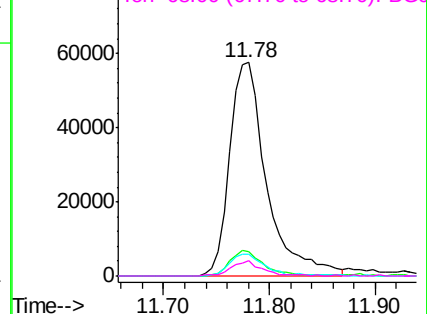
137 11.3 9.2 13.8

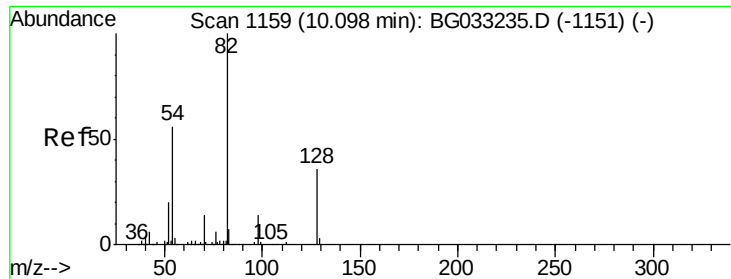
54 10.4 10.3 15.5

68 7.1 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: 104.787 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

Instrument :

BNA_G

ClientSampleId :

PB107545BL

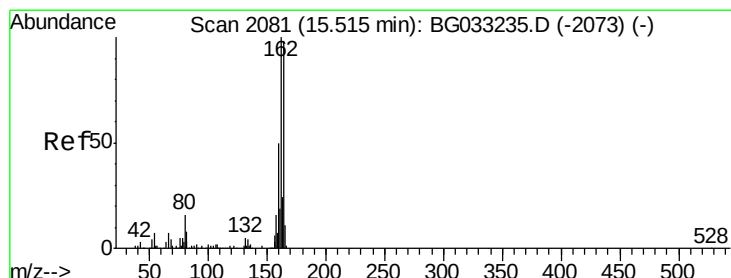
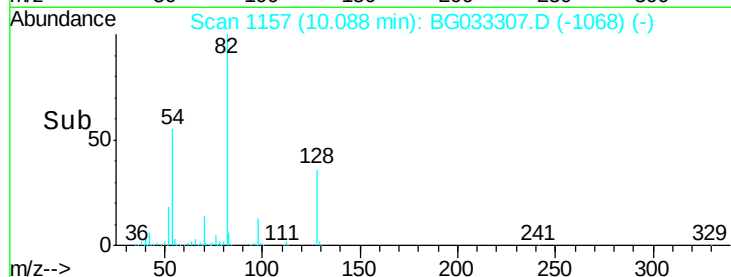
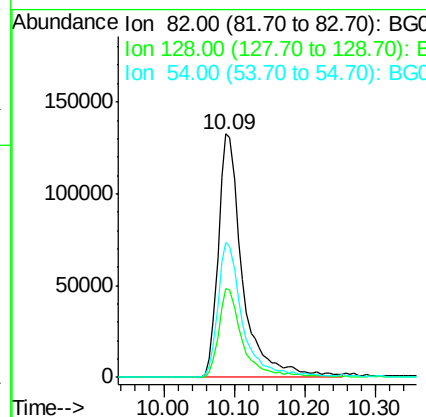
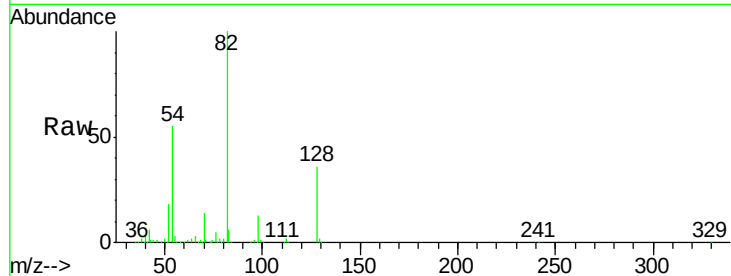
Tot Ion: 82 Resp: 317867

Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	55.4	43.1	64.7

82 100

128 36.2 29.7 44.5

54 55.4 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

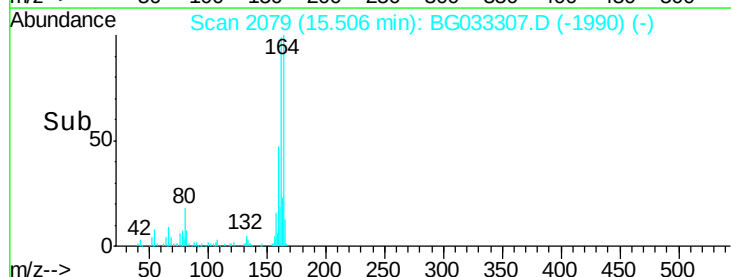
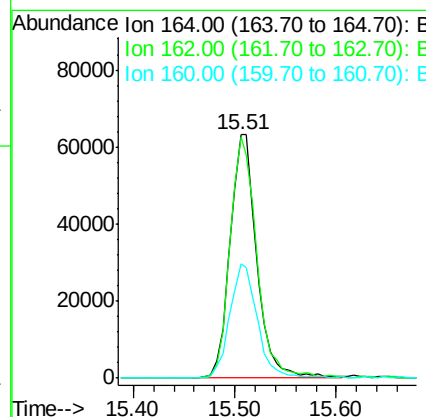
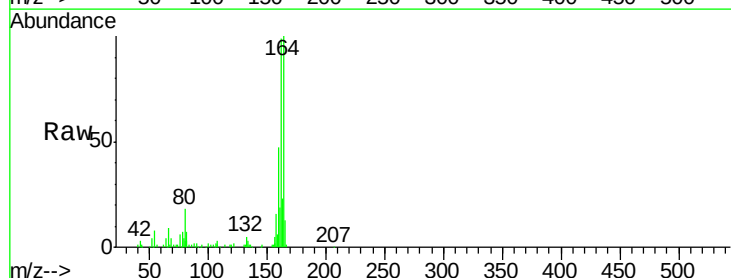
Tgt Ion: 164 Resp: 115740

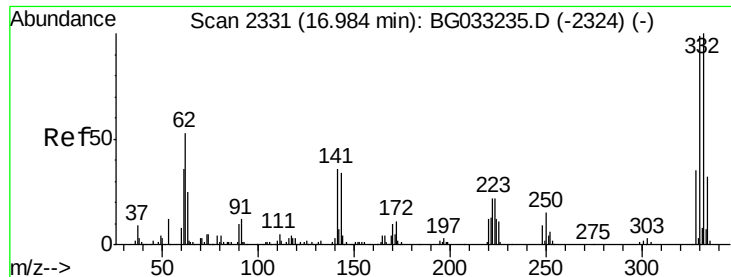
Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	46.9	35.4	53.0

164 100

162 99.2 78.8 118.2

160 46.9 35.4 53.0

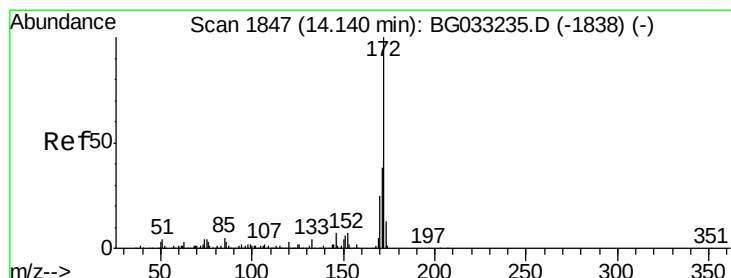
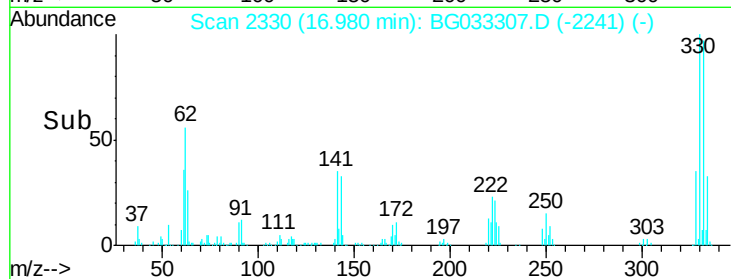
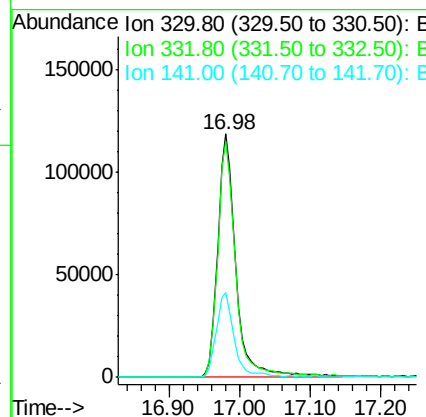
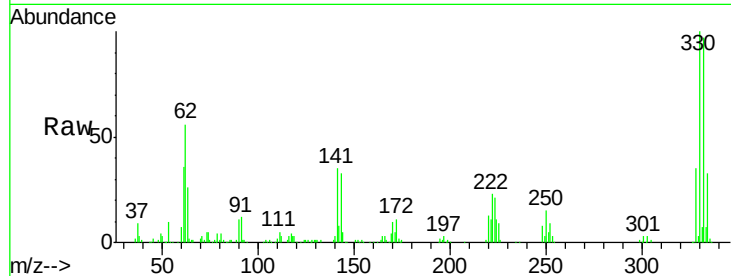




#41
 2,4,6-Tribromophenol
 Concen: 122.462 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033307.D
 Acq: 22 Mar 2018 22:58

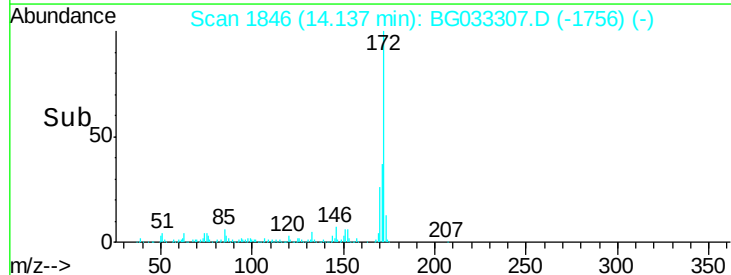
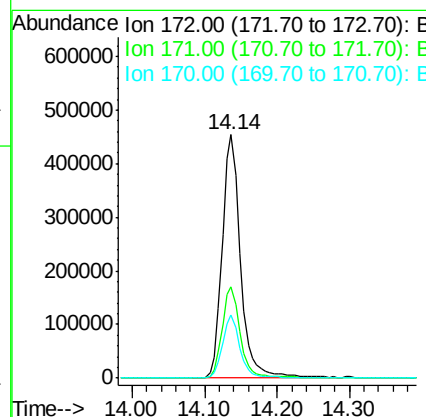
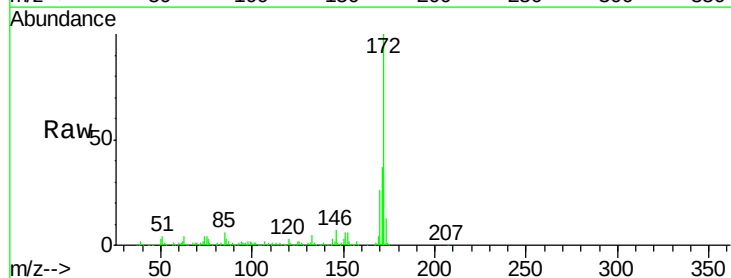
Instrument :
 BNA_G
 ClientSampleId :
 PB107545BL

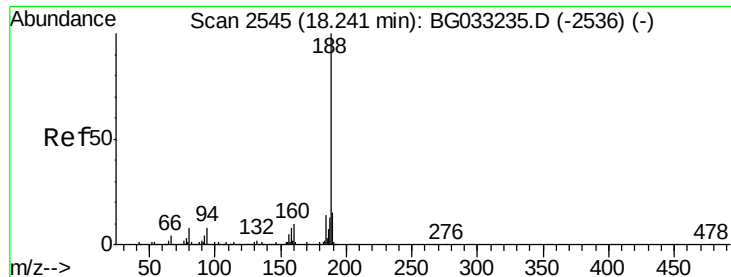
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	34.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 100.383 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033307.D
 Acq: 22 Mar 2018 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.8	19.5	29.3

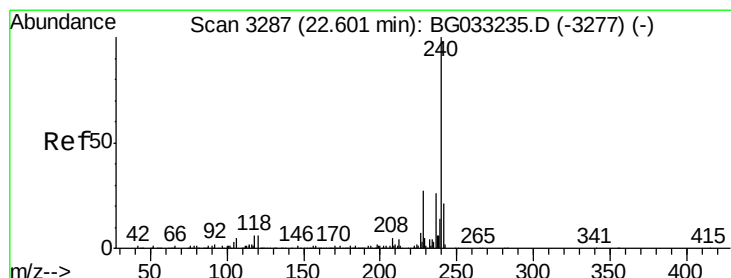
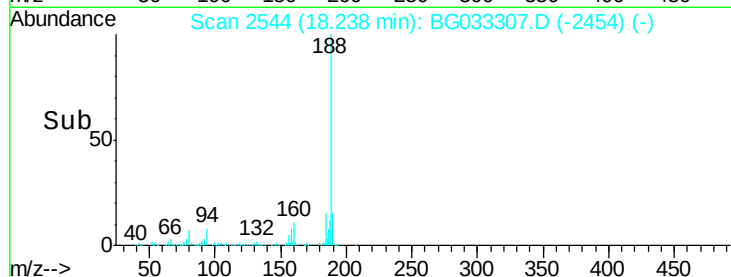
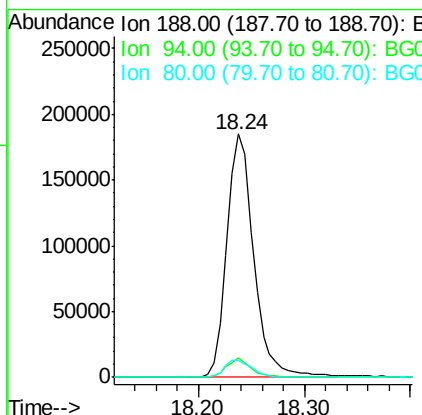
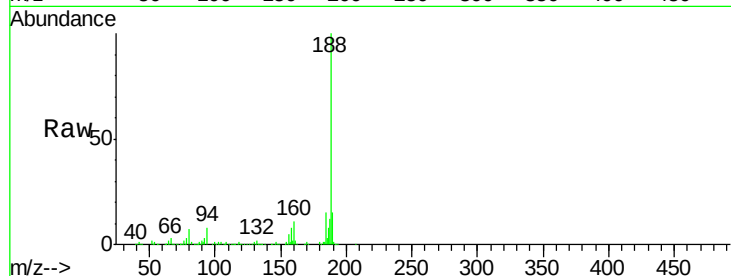




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033307.D
Acq: 22 Mar 2018 22:58

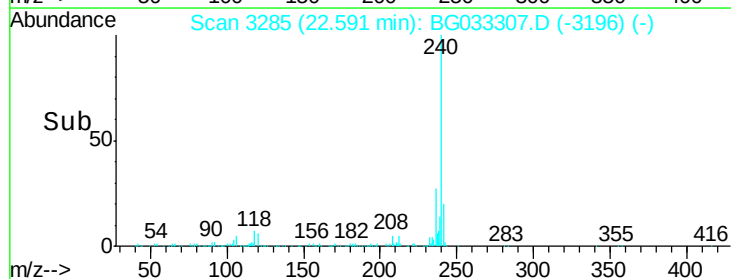
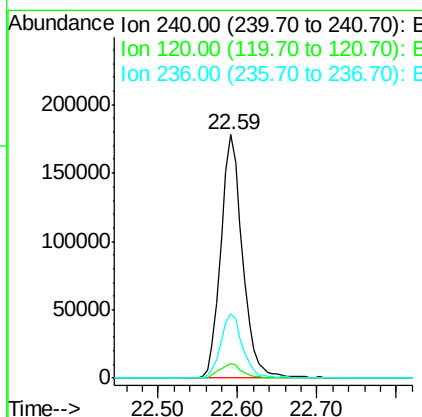
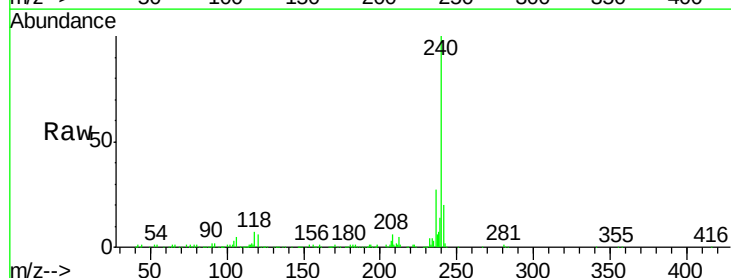
Instrument :
BNA_G
ClientSampleId :
PB107545BL

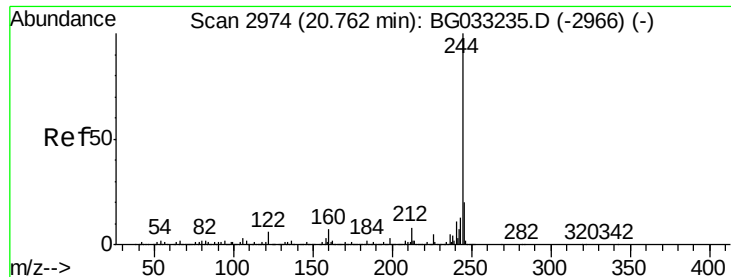
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	6.9	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG033307.D
Acq: 22 Mar 2018 22:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	26.6	20.9	31.3





#78

Terphenyl-d14

Concen: 101.025 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

Instrument :

BNA_G

ClientSampleId :

PB107545BL

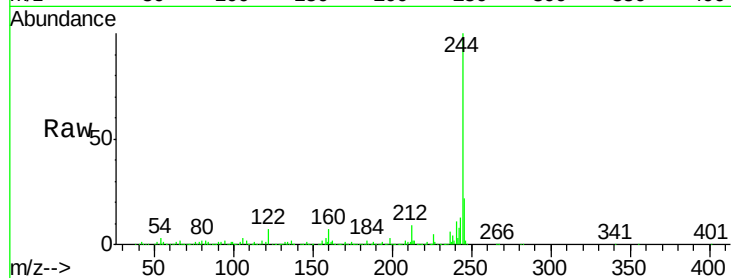
Tot Ion:244 Resp: 1597186

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

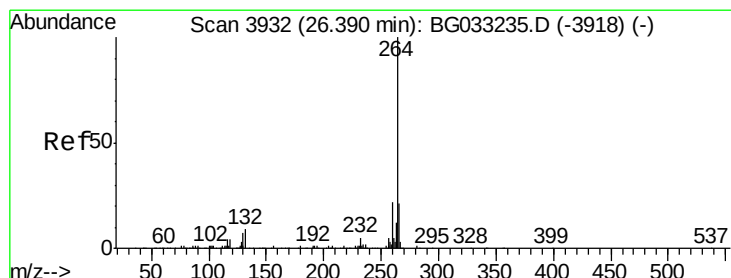
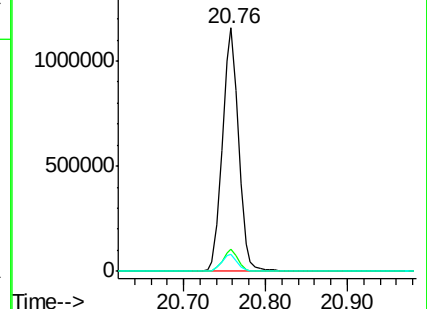
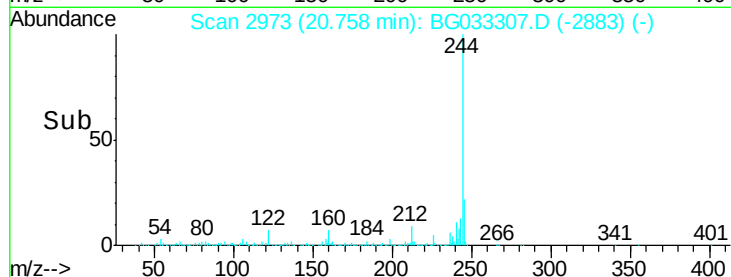
122 7.0 7.0 10.4



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: 26.39 min Scan# 3931

Delta R.T. -0.00 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

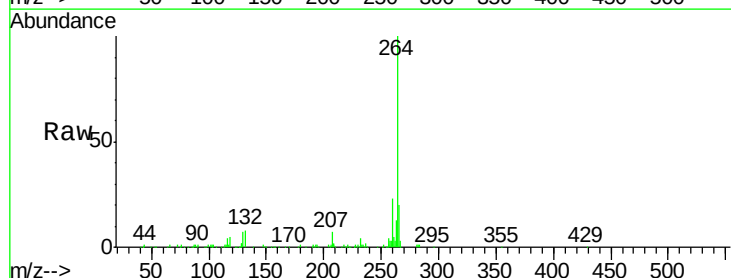
Tgt Ion:264 Resp: 341899

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 20.2 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

