

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033364.D
 Acq On : 27 Mar 2018 16:27
 Operator : SJ/JU
 Sample : PB107684BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107684BL

Quant Time: Mar 28 08:14:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	39235	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	160846	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	120915	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	354129	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	384527	20.00	ng	-0.04
86) Perylene-d12	26.33	264	403897	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	321668	153.73	ng	-0.03
7) Phenol-d6	7.97	99	495971	137.95	ng	-0.03
23) Nitrobenzene-d5	10.06	82	304984	87.12	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	263060	145.46	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	772974	92.29	ng	-0.03
78) Terphenyl-d14	20.73	244	1561374	86.84	ng	-0.03

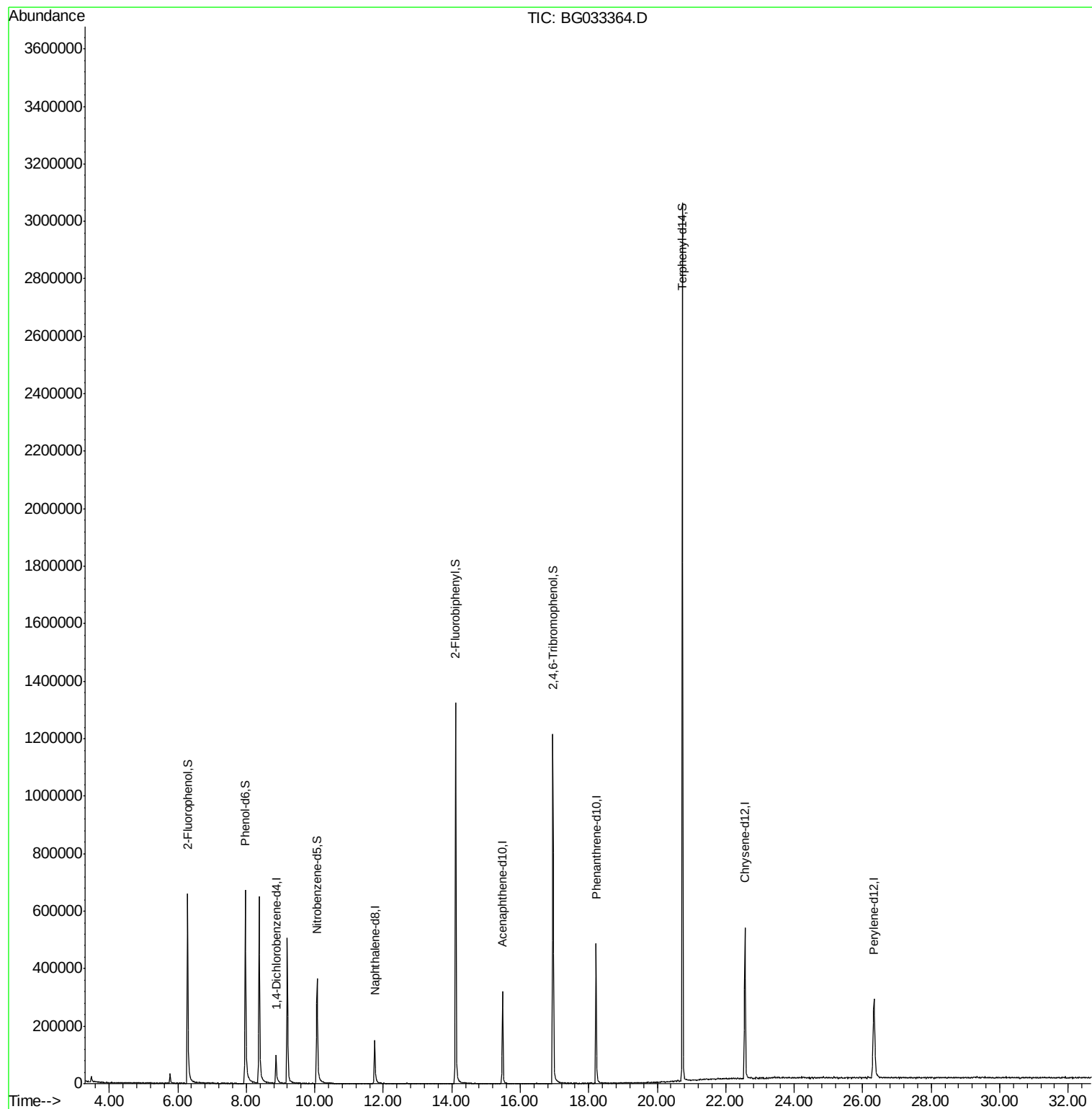
Target Compounds Qvalue

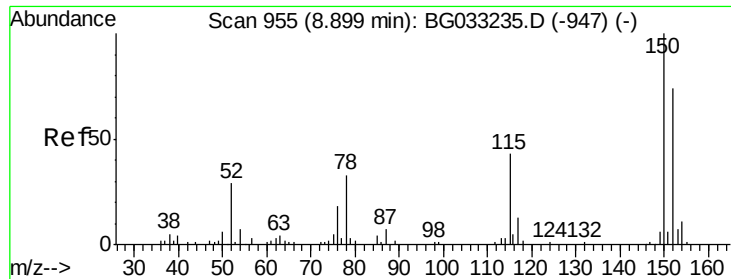
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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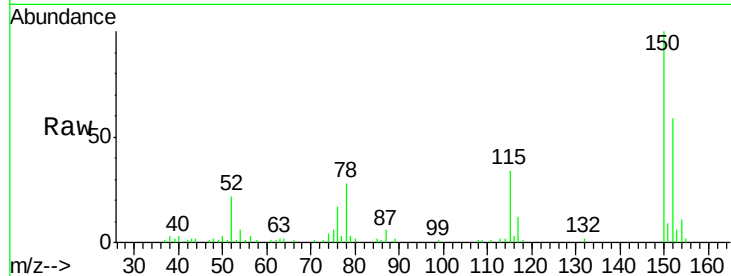


#1

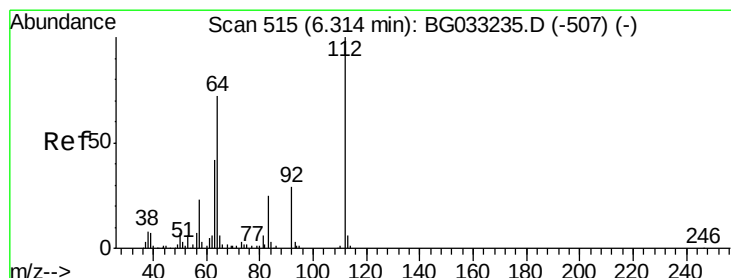
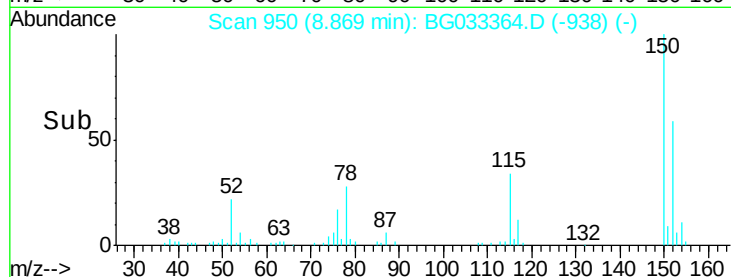
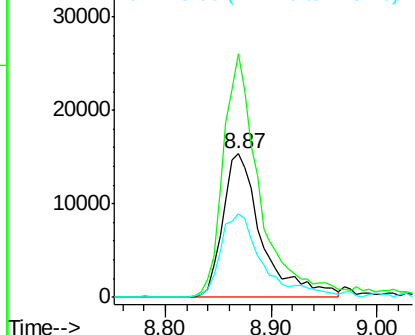
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033364.D
Acq: 27 Mar 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB107684BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.4	126.6	189.8
115	58.4	53.0	79.4



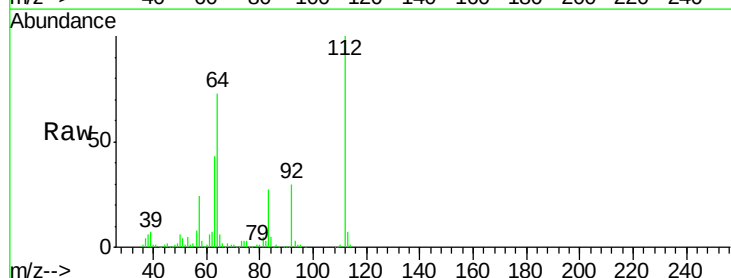
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



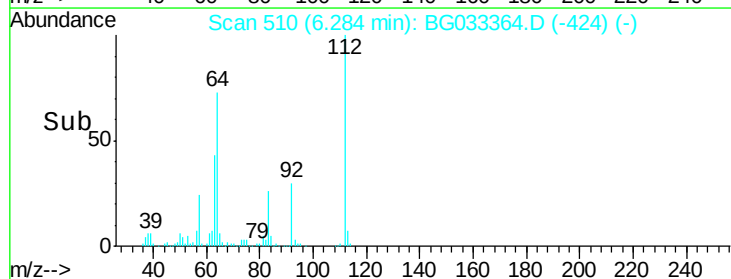
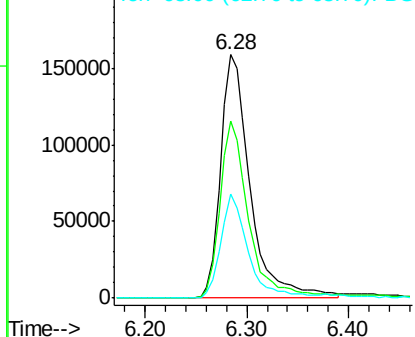
#5

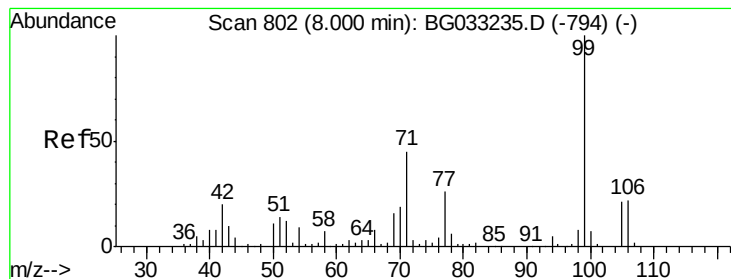
2-Fluorophenol
Concen: 153.732 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.03 min
Lab File: BG033364.D
Acq: 27 Mar 2018 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.3	84.5
63	42.6	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: 137.955 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033364.D

Acq: 27 Mar 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB107684BL

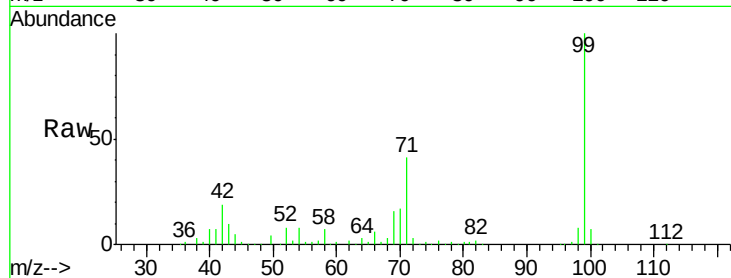
Tot Ion: 99 Resp: 495971

Ion Ratio Lower Upper

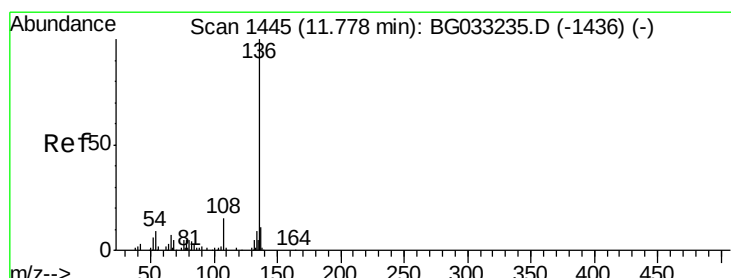
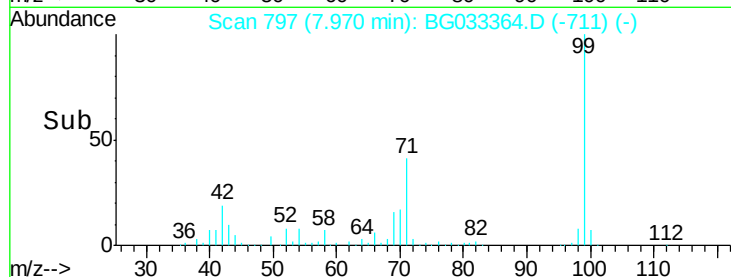
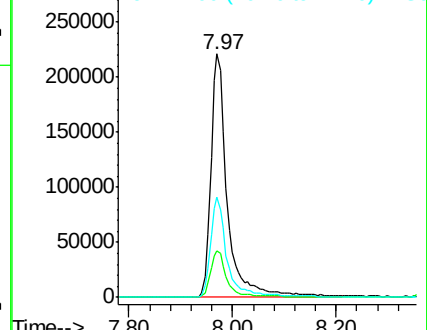
99 100

42 19.3 14.1 21.1

71 41.1 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: 11.75 min Scan# 1441

Delta R.T. -0.03 min

Lab File: BG033364.D

Acq: 27 Mar 2018 16:27

Tgt Ion:136 Resp: 160846

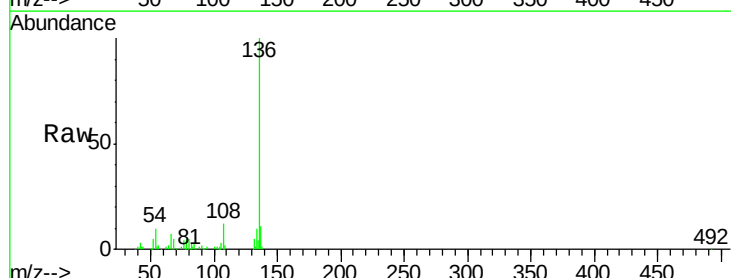
Ion Ratio Lower Upper

136 100

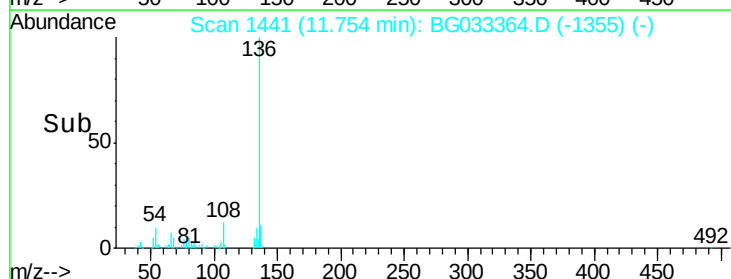
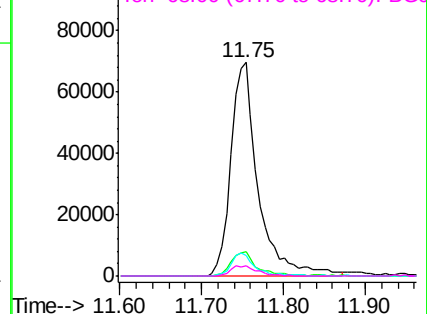
137 11.4 9.2 13.8

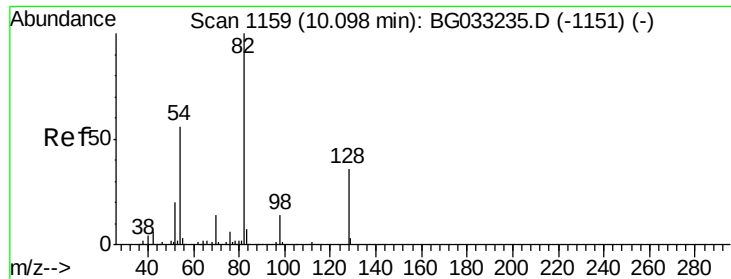
54 9.6 10.3 15.5#

68 4.6 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: 87.116 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033364.D

Acq: 27 Mar 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB107684BL

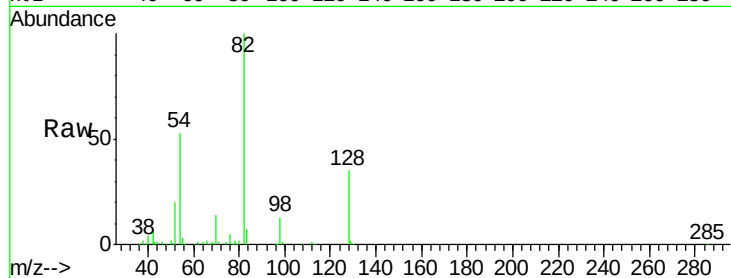
Tot Ion: 82 Resp: 304984

Ion Ratio Lower Upper

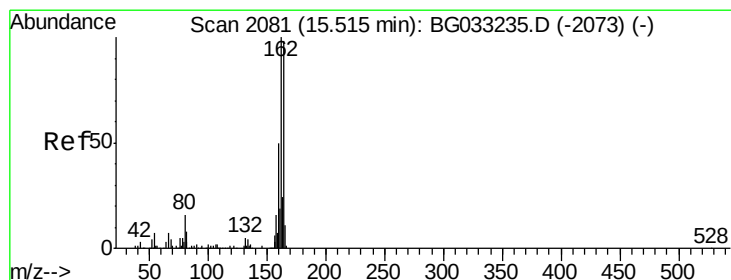
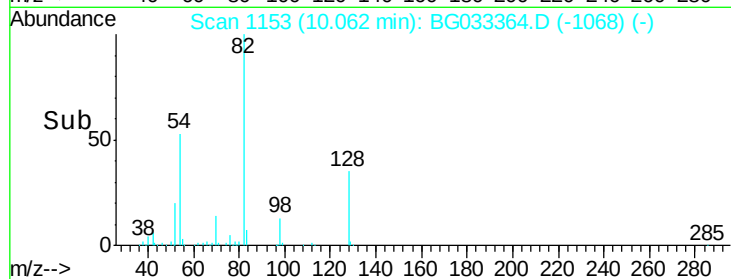
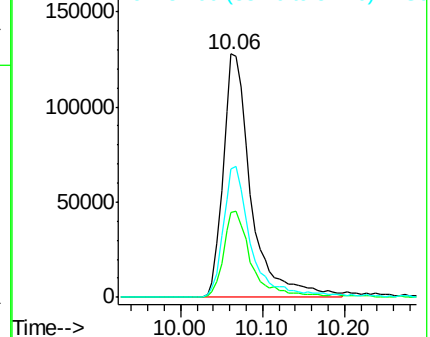
82 100

128 35.0 29.7 44.5

54 52.7 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: 15.48 min Scan# 2076

Delta R.T. -0.03 min

Lab File: BG033364.D

Acq: 27 Mar 2018 16:27

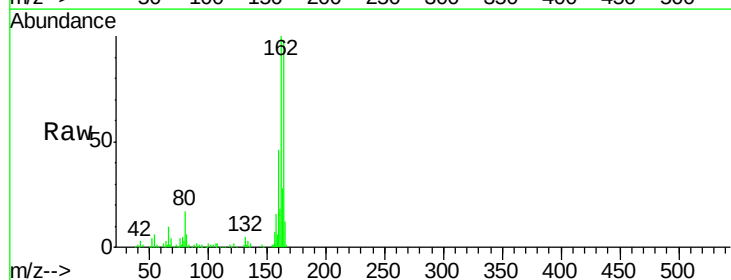
Tgt Ion: 164 Resp: 120915

Ion Ratio Lower Upper

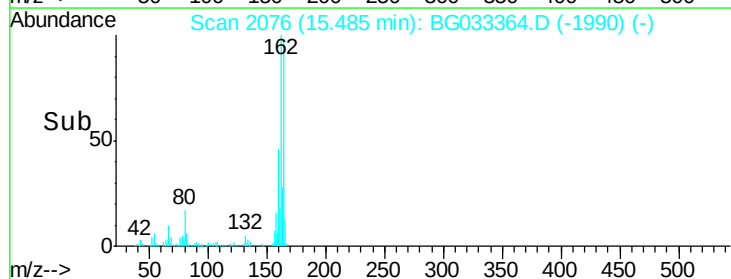
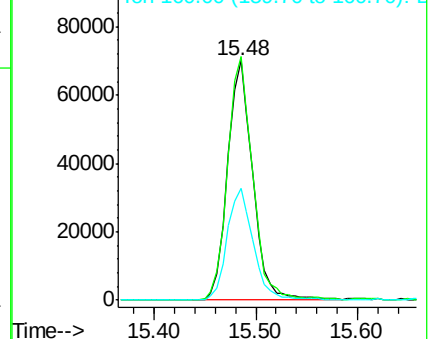
164 100

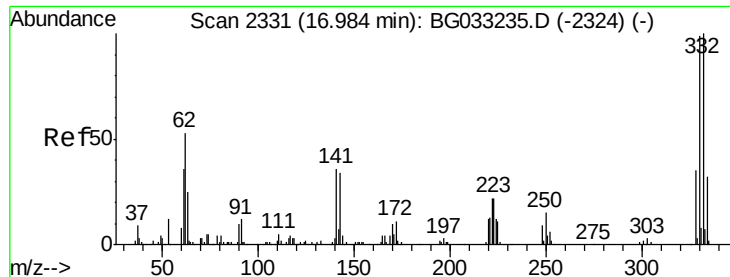
162 101.7 78.8 118.2

160 46.7 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

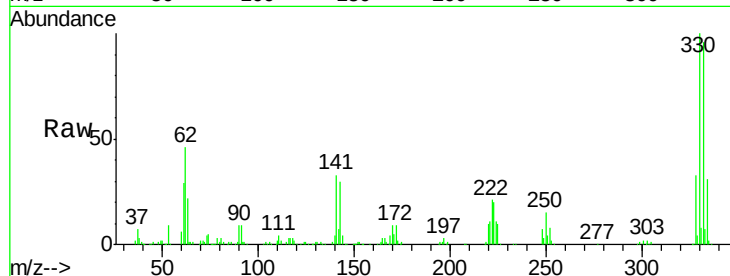




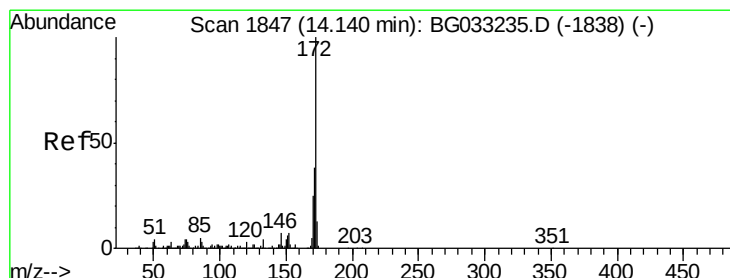
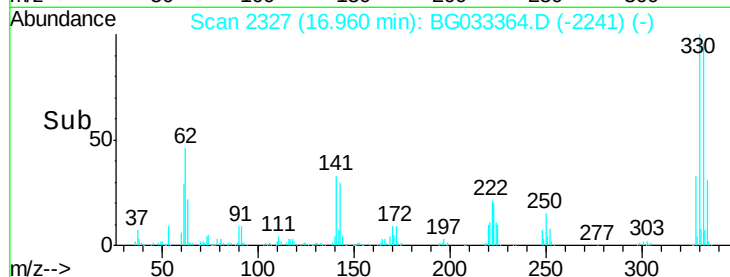
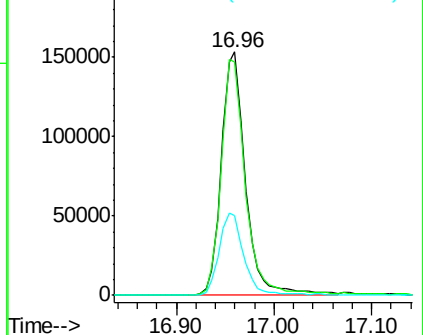
#41
 2,4,6-Tribromophenol
 Concen: 145.464 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.03 min
 Lab File: BG033364.D
 Acq: 27 Mar 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB107684BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	35.2	25.2	37.8

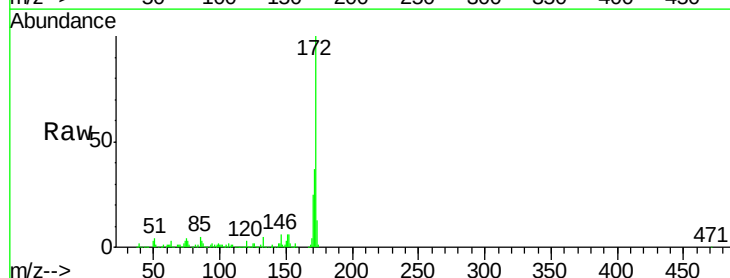


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

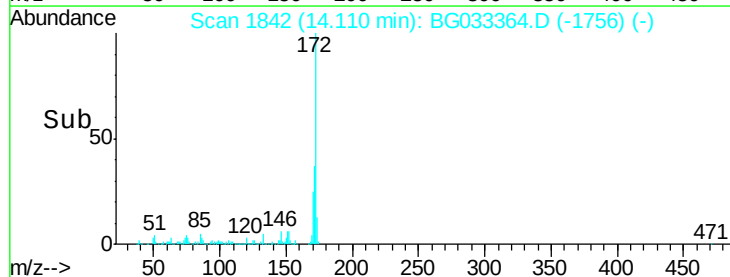
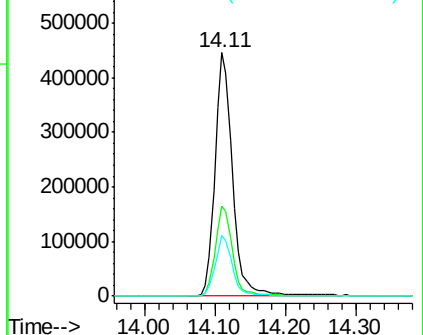


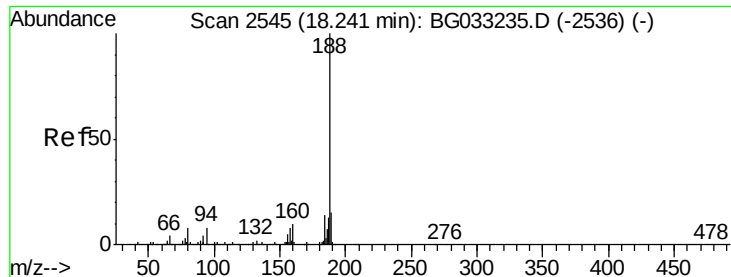
#44
 2-Fluorobiphenyl
 Concen: 92.287 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033364.D
 Acq: 27 Mar 2018 16:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.9	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: 18.21 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BG033364.D

Acq: 27 Mar 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB107684BL

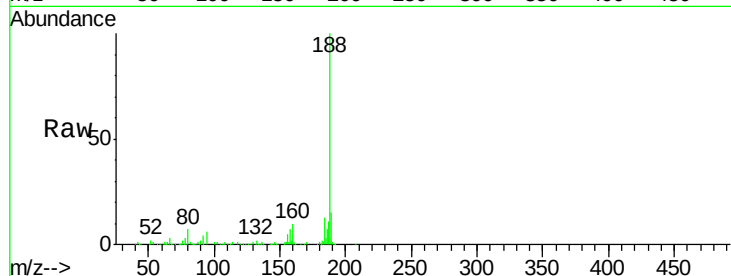
Tot Ion:188 Resp: 354129

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

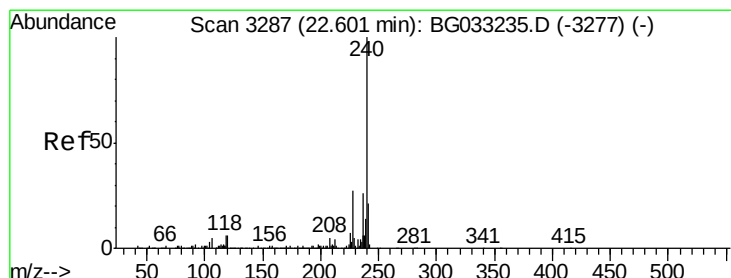
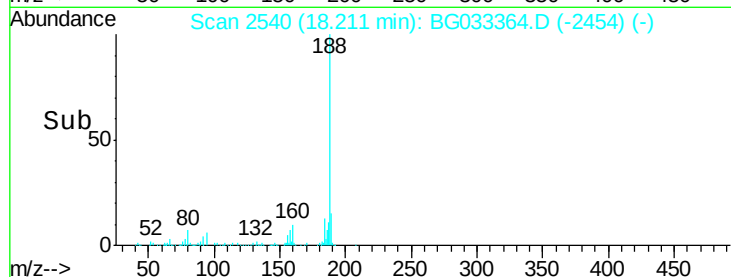
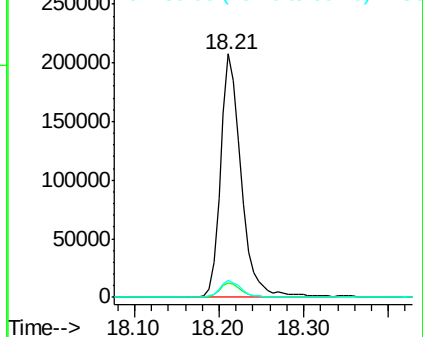
80 7.0 7.7 11.5#



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: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033364.D

Acq: 27 Mar 2018 16:27

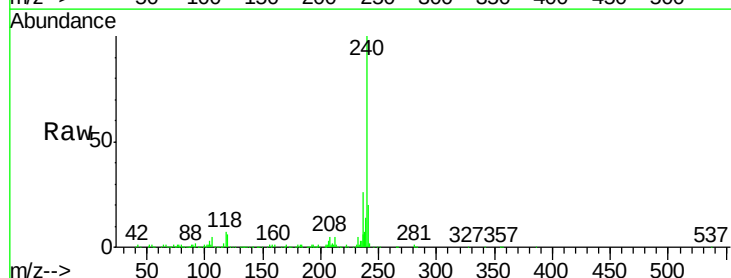
Tgt Ion:240 Resp: 384527

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

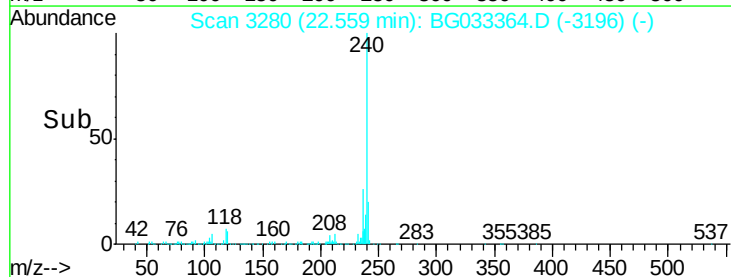
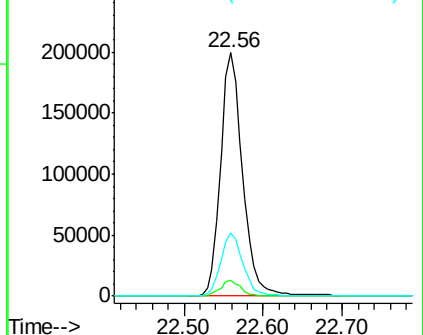
236 25.9 20.9 31.3

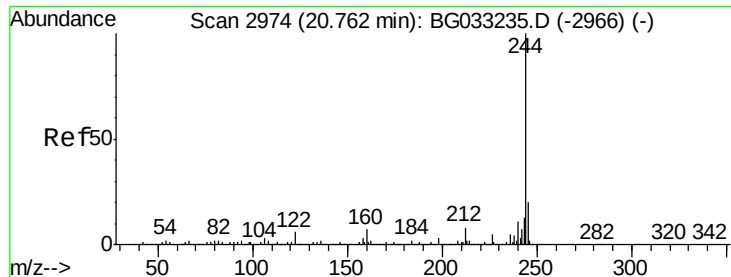


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

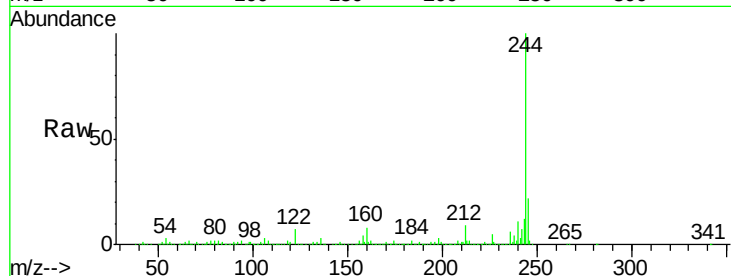




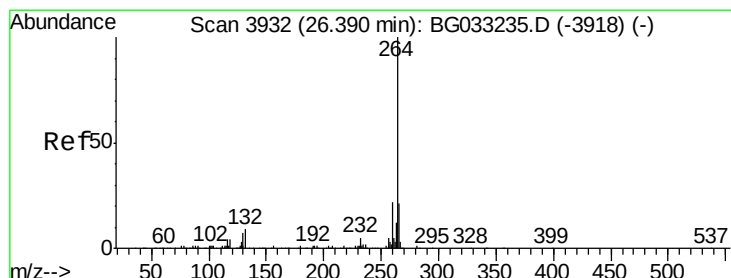
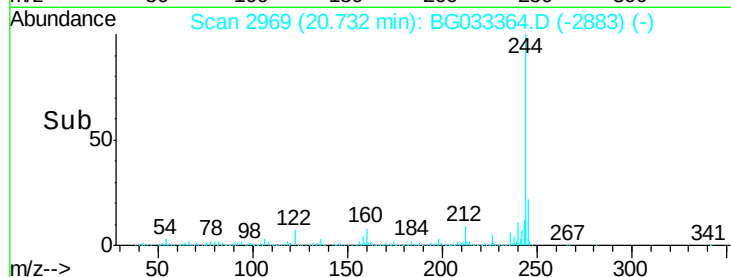
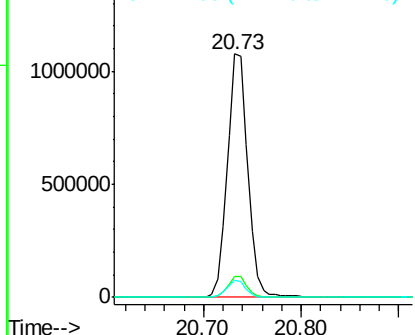
#78
 Terphenyl-d14
 Concen: 86.838 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.03 min
 Lab File: BG033364.D
 Acq: 27 Mar 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB107684BL

Tot Ion:244 Resp: 1561374
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 7.3 7.0 10.4

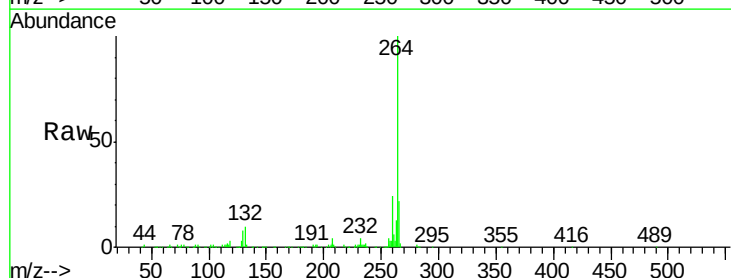


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.06 min
 Lab File: BG033364.D
 Acq: 27 Mar 2018 16:27

Tgt Ion:264 Resp: 403897
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 21.9 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

