

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033408.D
 Acq On : 29 Mar 2018 6:20
 Operator : SJ/JU
 Sample : PB107704TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107704TB

Quant Time: Mar 29 07:50:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40729	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	164233	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	123425	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	328405	20.00	ng	0.00
75) Chrysene-d12	22.56	240	345134	20.00	ng	0.00
86) Perylene-d12	26.33	264	371842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	388247	178.74	ng	0.00
7) Phenol-d6	7.99	99	570819	152.95	ng	0.00
23) Nitrobenzene-d5	10.07	82	348232	97.42	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	264572	143.32	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	866670	101.37	ng	0.00
78) Terphenyl-d14	20.73	244	1567027	97.10	ng	0.00

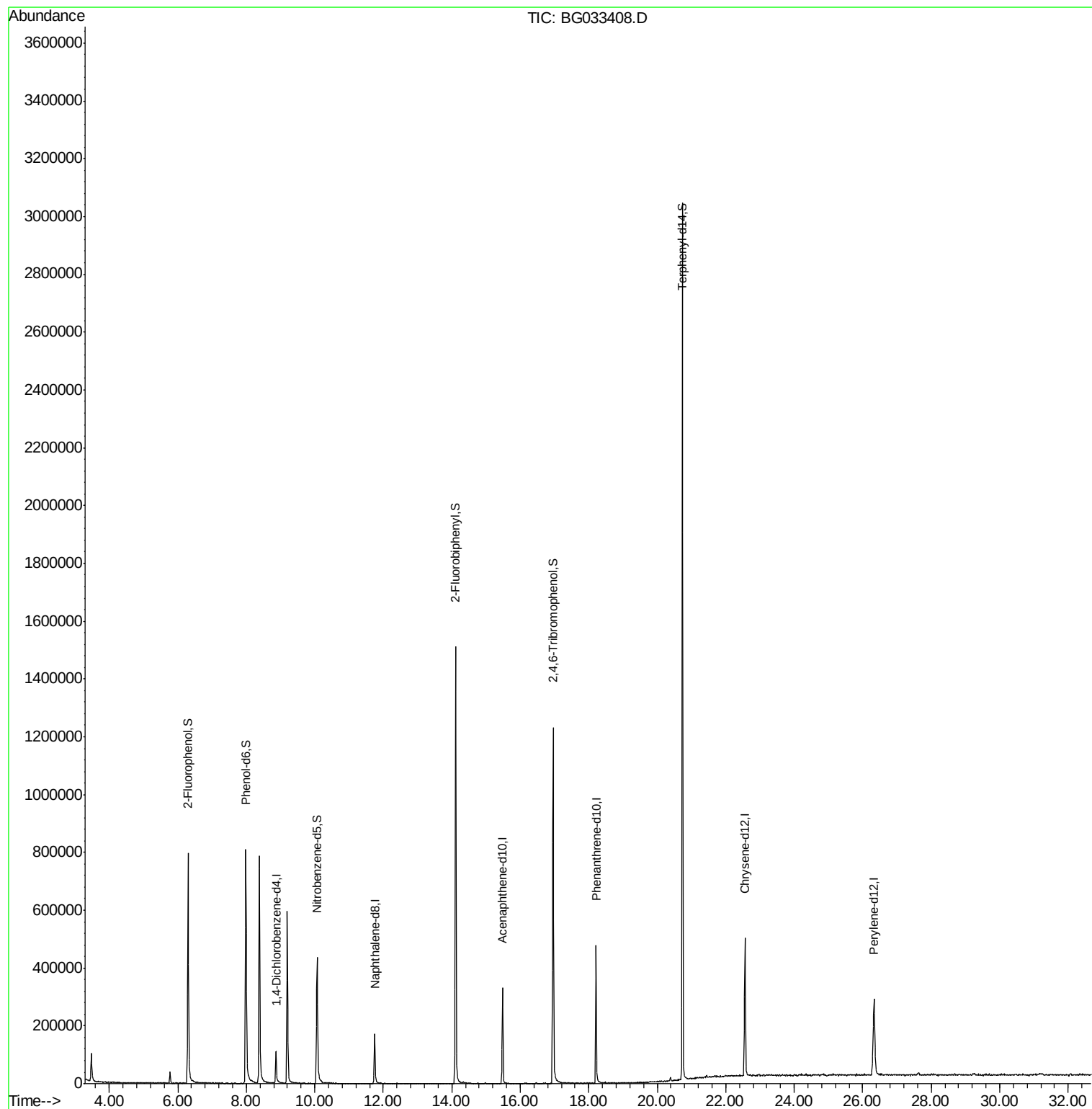
Target Compounds Qvalue

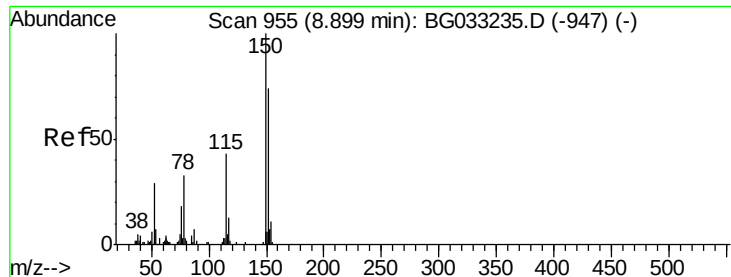
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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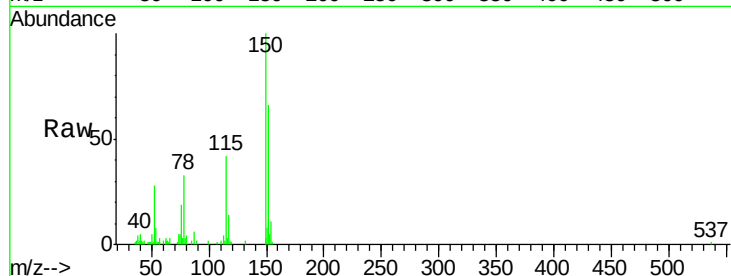


#1

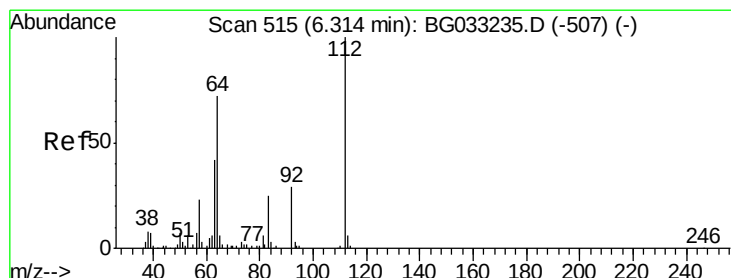
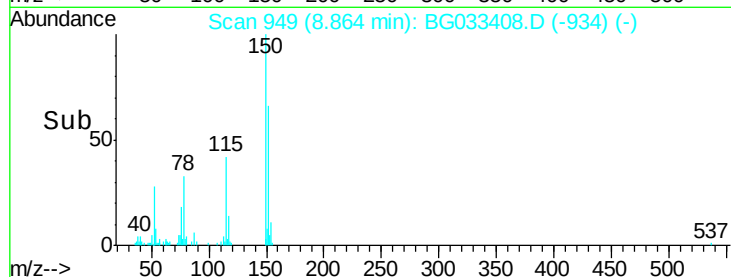
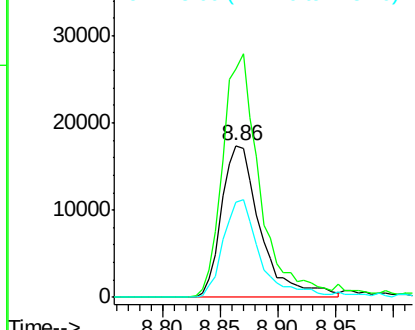
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033408.D
Acq: 29 Mar 2018 6:20

Instrument :
BNA_G
ClientSampleId :
PB107704TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	62.6	53.0	79.4



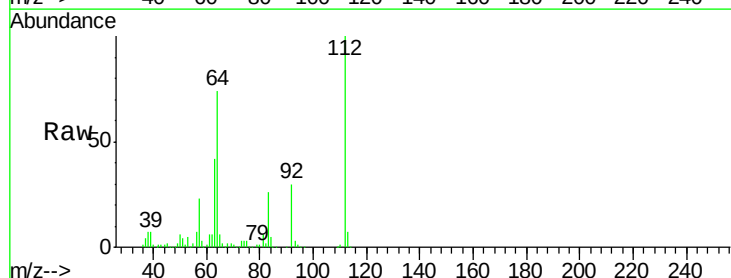
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



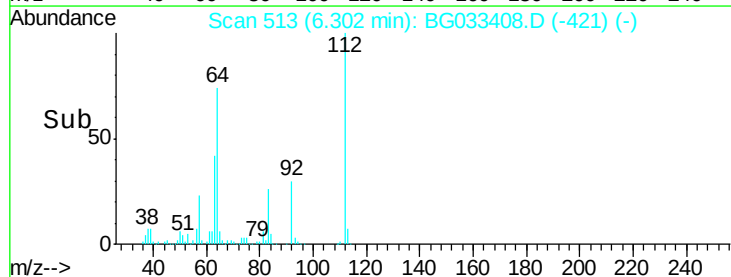
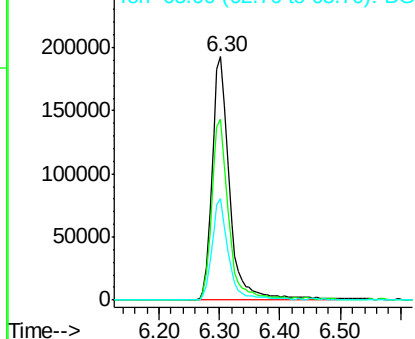
#5

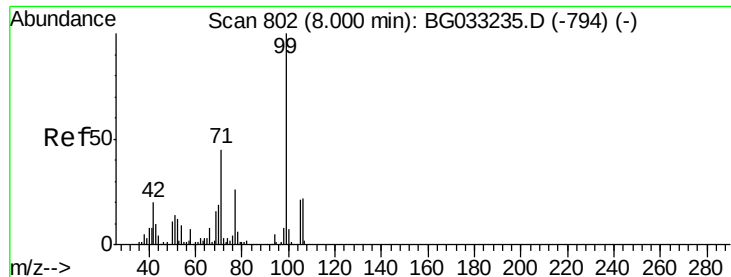
2-Fluorophenol
Concen: 178.745 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033408.D
Acq: 29 Mar 2018 6:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	56.3	84.5
63	41.8	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: 152.950 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033408.D

Acq: 29 Mar 2018 6:20

Instrument :

BNA_G

ClientSampleId :

PB107704TB

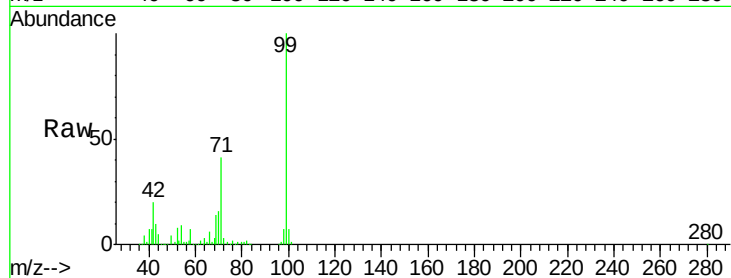
Tot Ion: 99 Resp: 570819

Ion Ratio Lower Upper

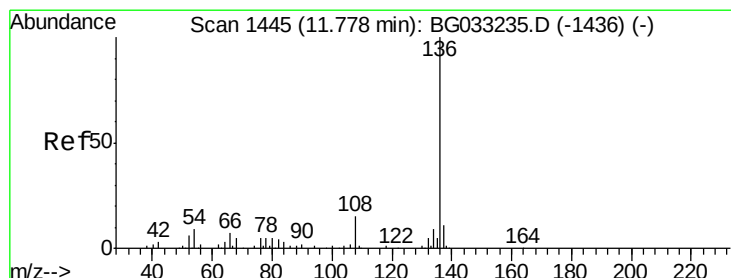
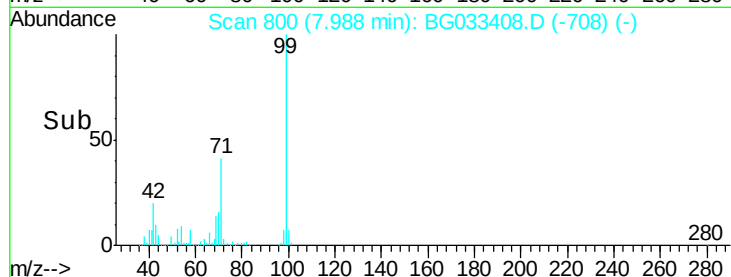
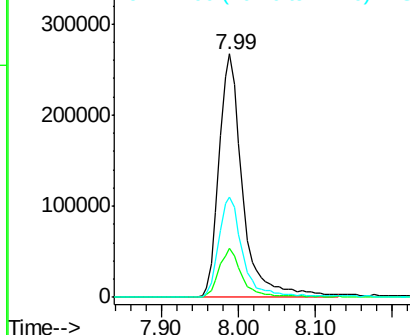
99 100

42 20.0 14.1 21.1

71 41.2 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033408.D

Acq: 29 Mar 2018 6:20

Tgt Ion: 136 Resp: 164233

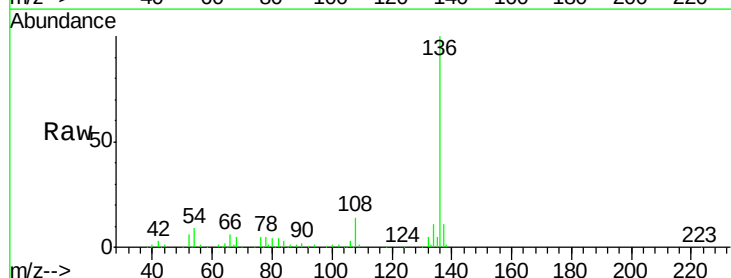
Ion Ratio Lower Upper

136 100

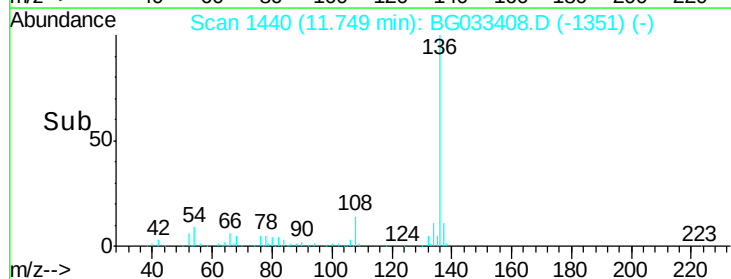
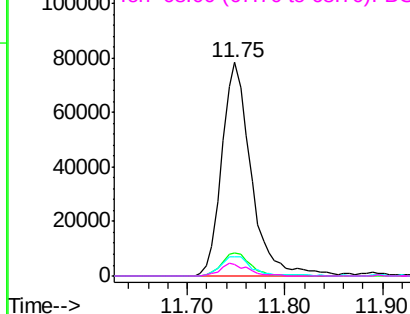
137 10.7 9.2 13.8

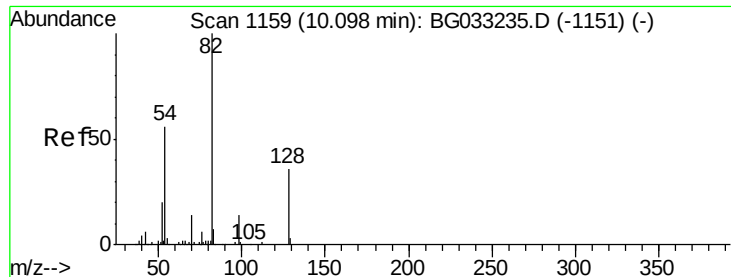
54 8.8 10.3 15.5#

68 5.3 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: 97.418 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG033408.D

Acq: 29 Mar 2018 6:20

Instrument :

BNA_G

ClientSampleId :

PB107704TB

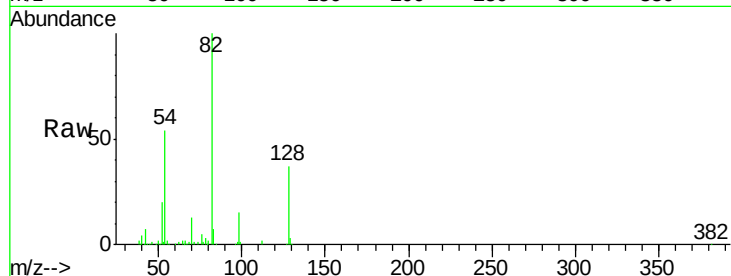
Tot Ion: 82 Resp: 348232

Ion Ratio Lower Upper

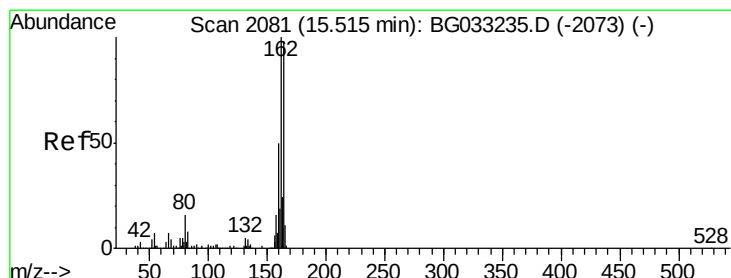
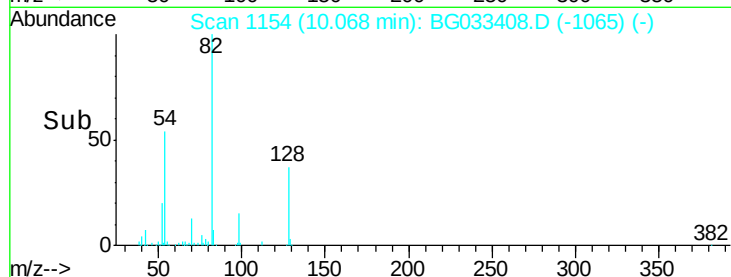
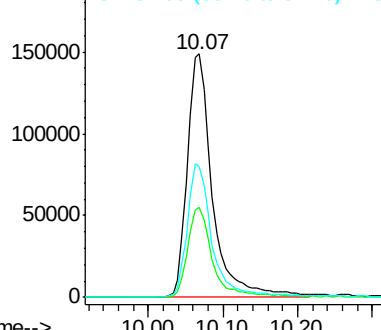
82 100

128 36.8 29.7 44.5

54 53.7 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: 15.49 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033408.D

Acq: 29 Mar 2018 6:20

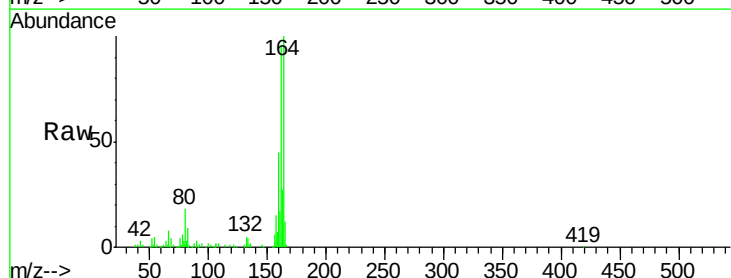
Tgt Ion: 164 Resp: 123425

Ion Ratio Lower Upper

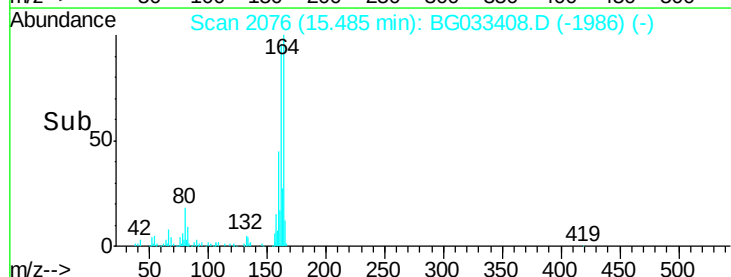
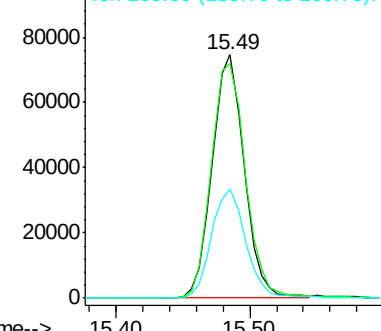
164 100

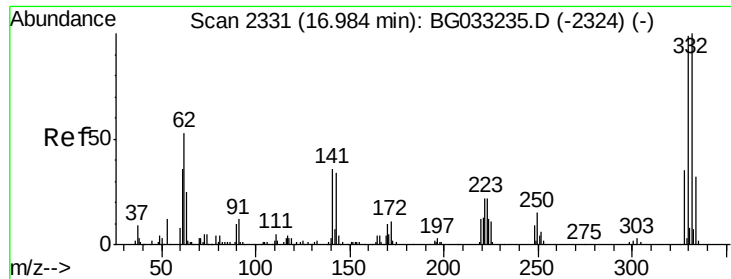
162 96.2 78.8 118.2

160 45.0 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

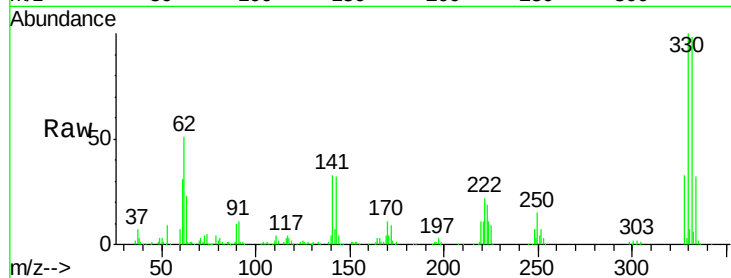




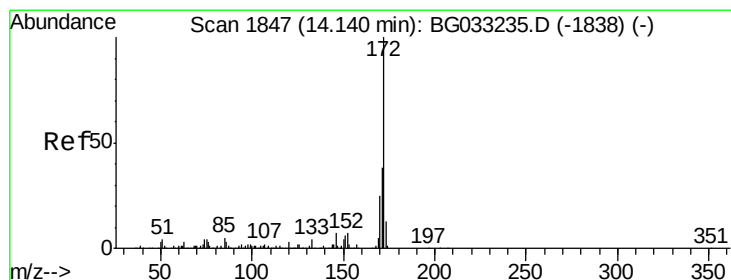
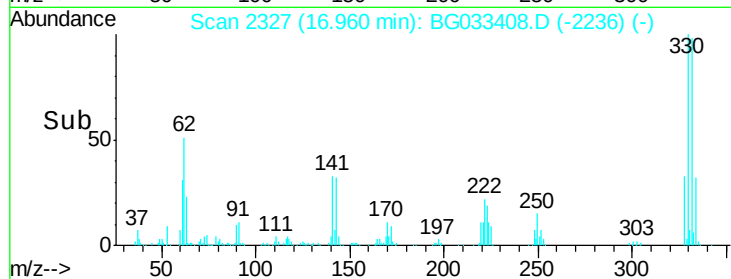
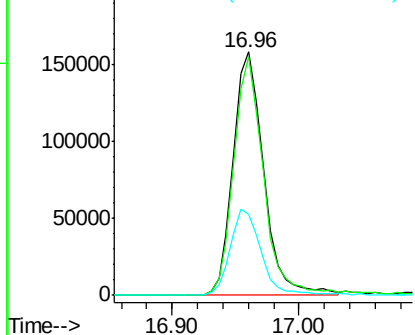
#41
 2,4,6-Tribromophenol
 Concen: 143.325 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033408.D
 Acq: 29 Mar 2018 6:20

Instrument :
 BNA_G
 ClientSampleId :
 PB107704TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	36.2	25.2	37.8

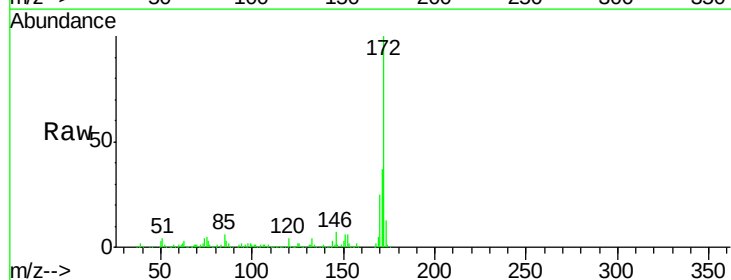


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

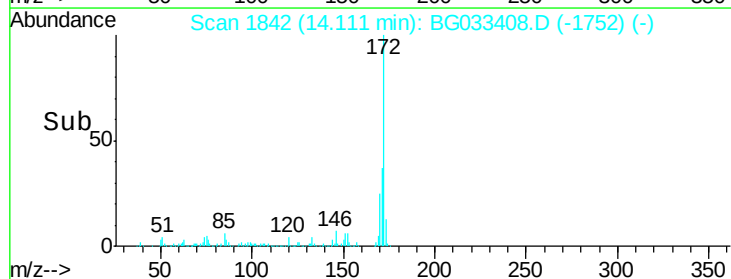
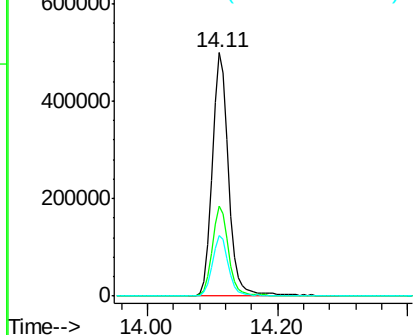


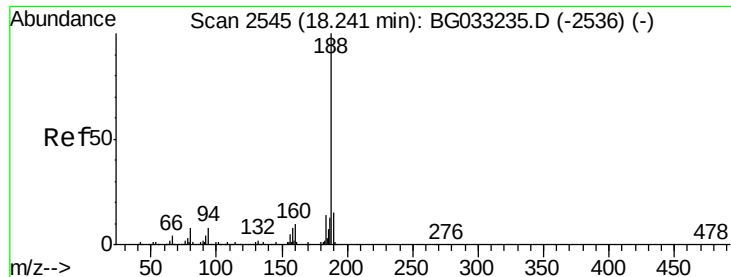
#44
 2-Fluorobiphenyl
 Concen: 101.370 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033408.D
 Acq: 29 Mar 2018 6:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	25.0	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

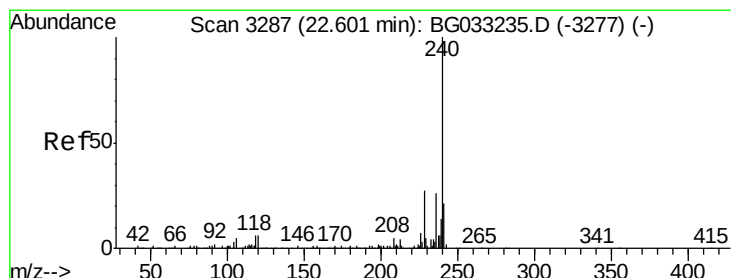
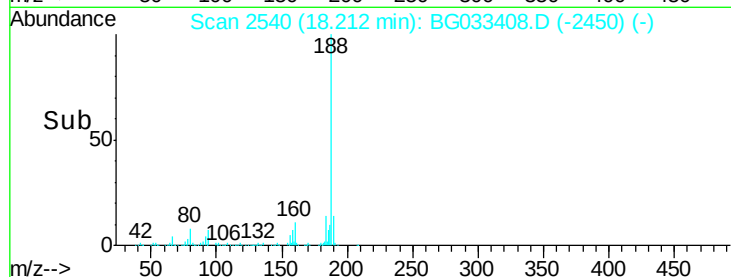
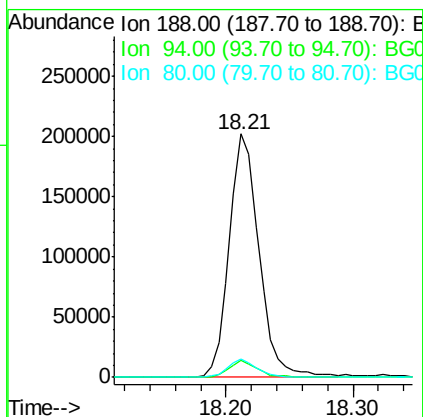
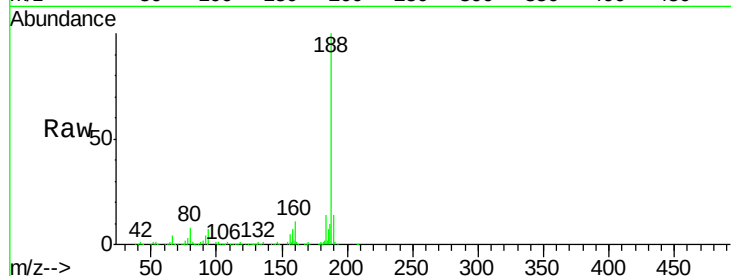




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033408.D
Acq: 29 Mar 2018 6:20

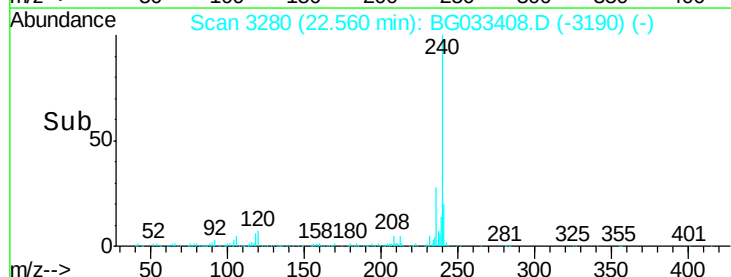
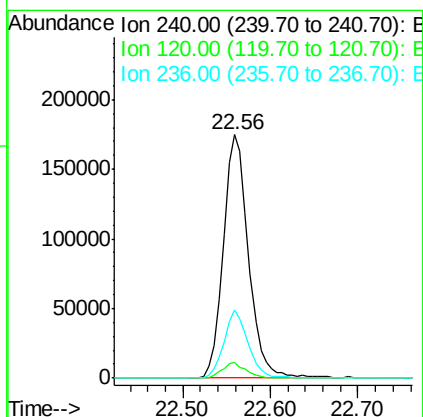
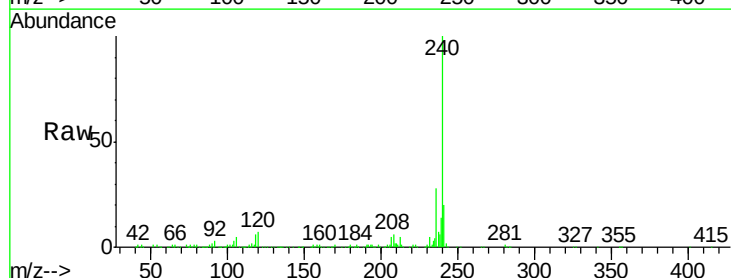
Instrument :
BNA_G
ClientSampleId :
PB107704TB

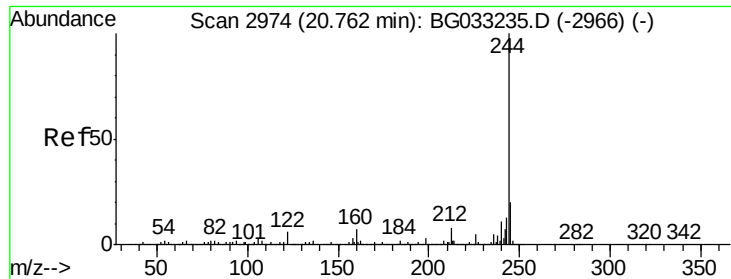
Tot Ion:188 Resp: 328405
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033408.D
Acq: 29 Mar 2018 6:20

Tgt Ion:240 Resp: 345134
Ion Ratio Lower Upper
240 100
120 6.5 6.8 10.2#
236 28.3 20.9 31.3





#78

Terphenyl-d14

Concen: 97.100 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033408.D

Acq: 29 Mar 2018 6:20

Instrument :

BNA_G

ClientSampleId :

PB107704TB

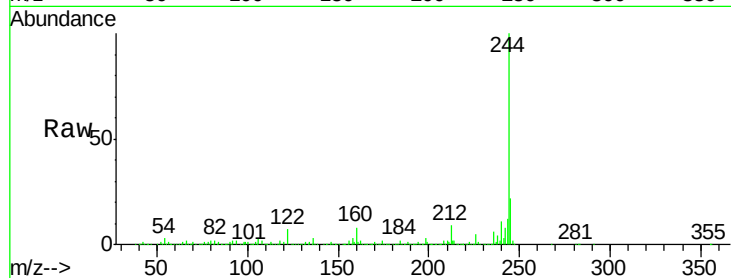
Tot Ion:244 Resp: 1567027

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

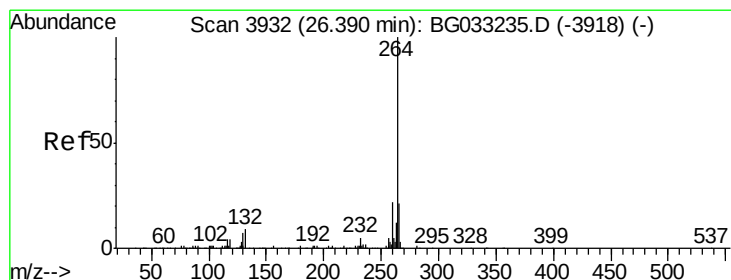
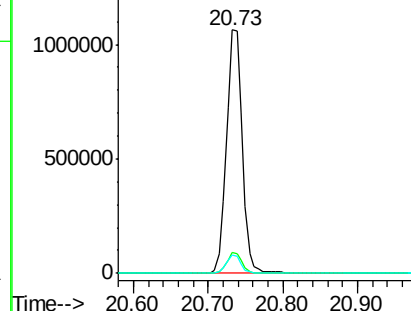
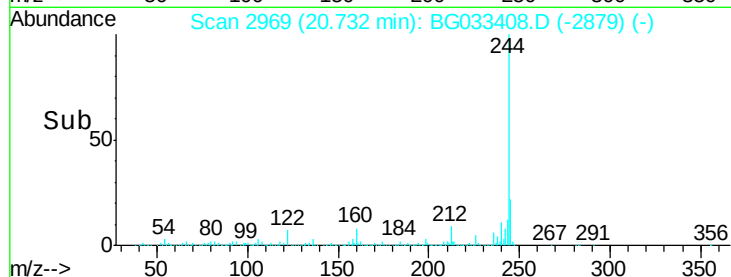
122 7.5 7.0 10.4



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. -0.01 min

Lab File: BG033408.D

Acq: 29 Mar 2018 6:20

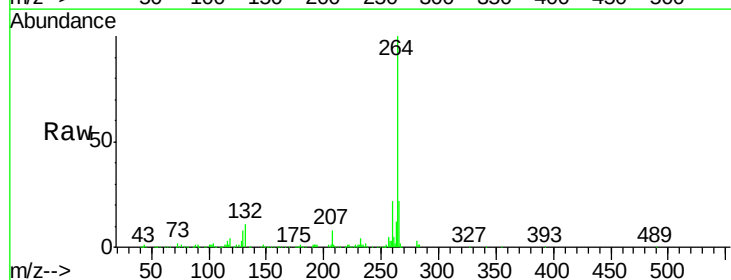
Tgt Ion:264 Resp: 371842

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.8 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

