

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033615.D
 Acq On : 6 Apr 2018 5:36
 Operator : SJ/JU
 Sample : J2211-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-9

Quant Time: Apr 06 07:02:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32122	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	149181	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121140	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	319971	20.00	ng	0.00
75) Chrysene-d12	22.55	240	315456	20.00	ng	0.00
86) Perylene-d12	26.32	264	311445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	264673	154.50	ng	0.00
7) Phenol-d6	7.97	99	378199	128.49	ng	0.00
23) Nitrobenzene-d5	10.06	82	299260	92.16	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	213256	117.70	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	734423	87.52	ng	0.00
78) Terphenyl-d14	20.73	244	1396685	94.69	ng	0.00

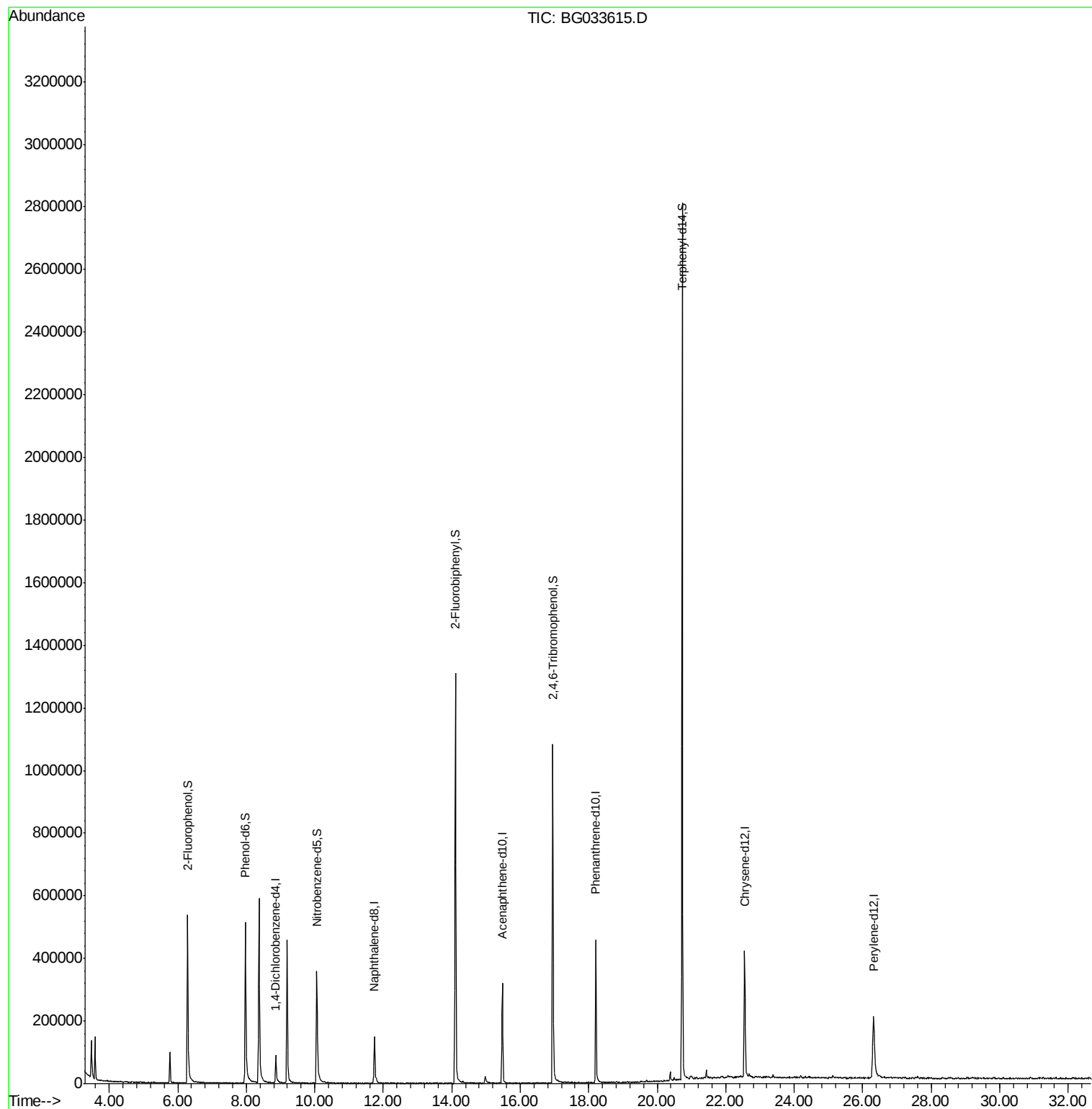
Target Compounds Qvalue

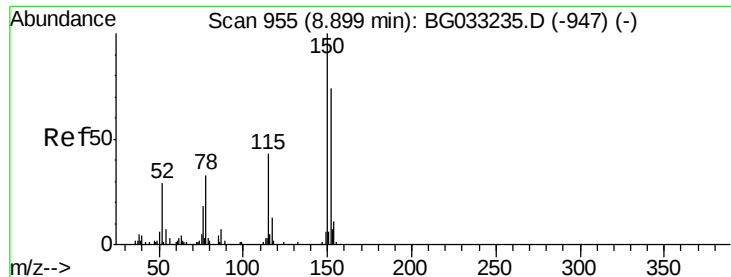
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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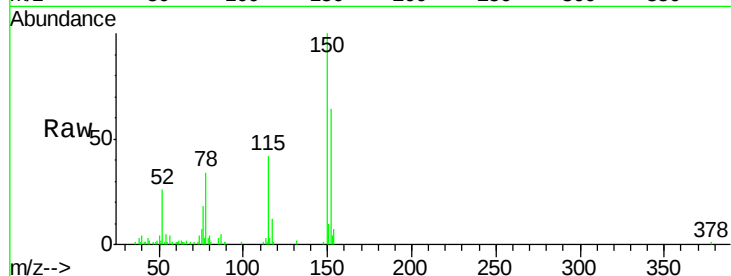


#1

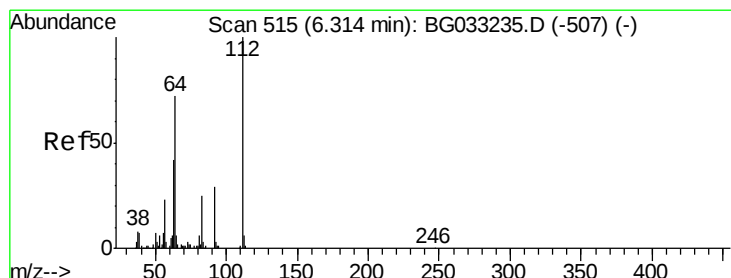
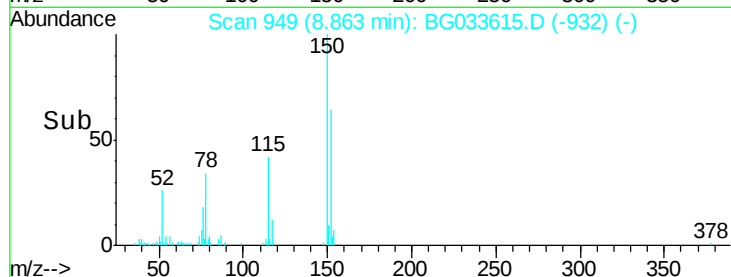
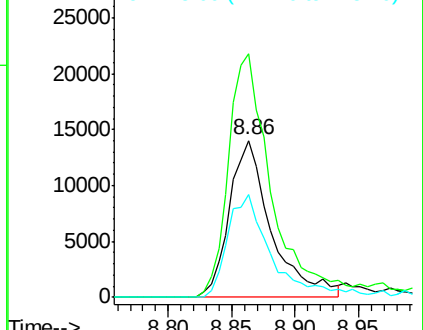
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

Instrument :
BNA_G
ClientSampleId :
DRUM-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	65.8	53.0	79.4



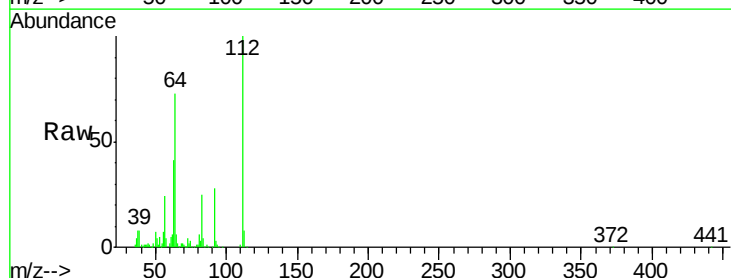
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



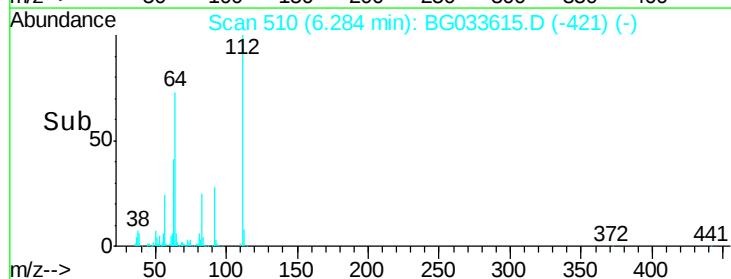
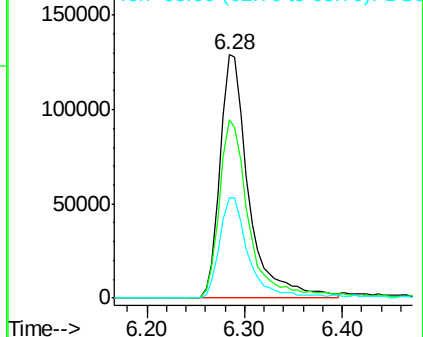
#5

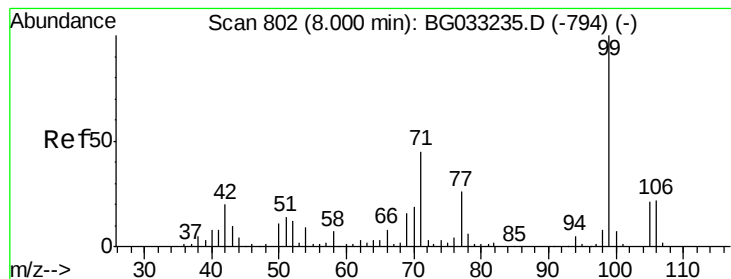
2-Fluorophenol
Concen: 154.503 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	56.3	84.5
63	41.4	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: 128.491 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033615.D

Acq: 6 Apr 2018 5:36

Instrument :

BNA_G

ClientSampleId :

DRUM-9

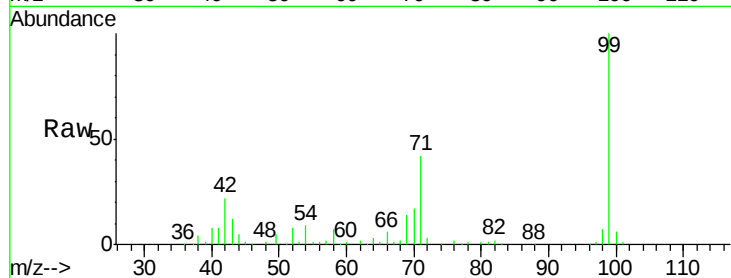
Tot Ion: 99 Resp: 378199

Ion Ratio Lower Upper

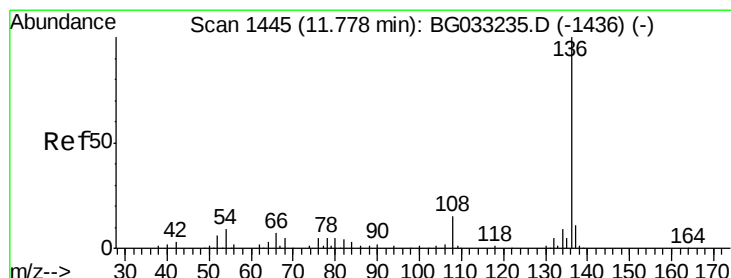
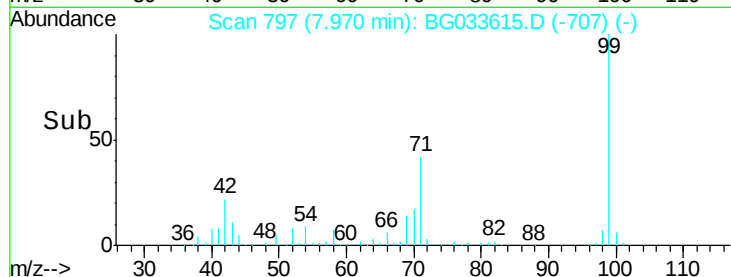
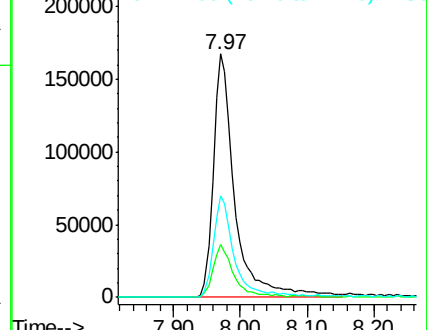
99 100

42 21.6 14.1 21.1#

71 41.6 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: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033615.D

Acq: 6 Apr 2018 5:36

Tgt Ion: 136 Resp: 149181

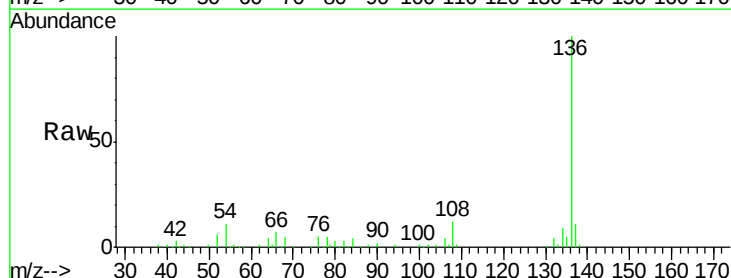
Ion Ratio Lower Upper

136 100

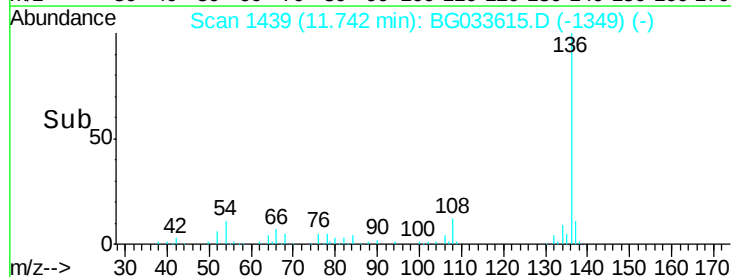
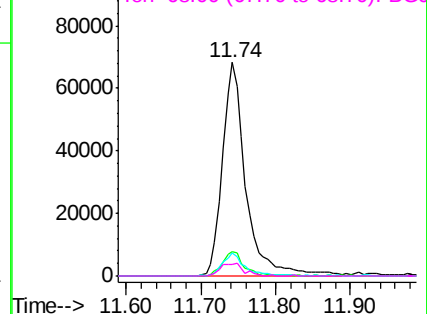
137 11.4 9.2 13.8

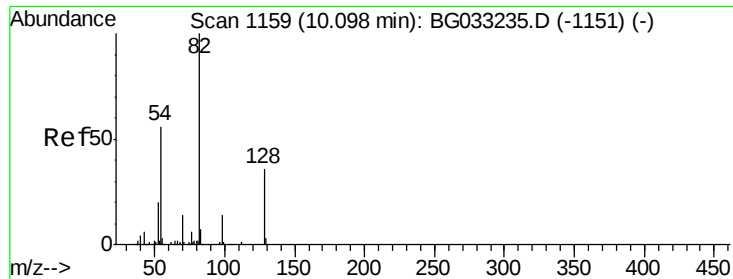
54 10.6 10.3 15.5

68 5.4 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: 92.165 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033615.D

Acq: 6 Apr 2018 5:36

Instrument :

BNA_G

ClientSampleId :

DRUM-9

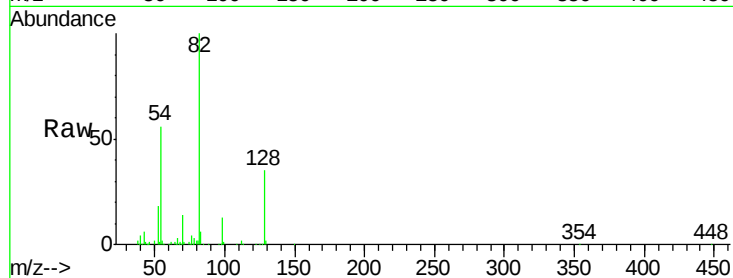
Tot Ion: 82 Resp: 299260

Ion Ratio Lower Upper

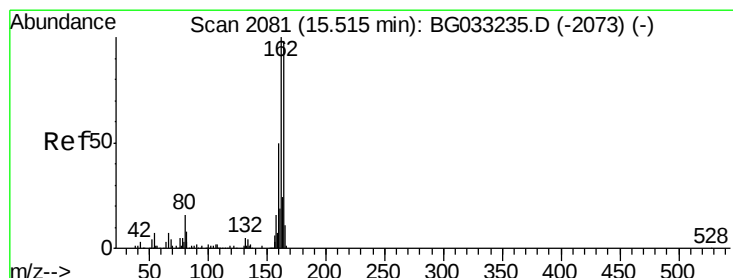
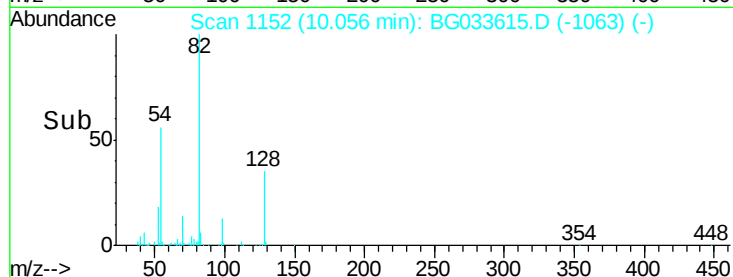
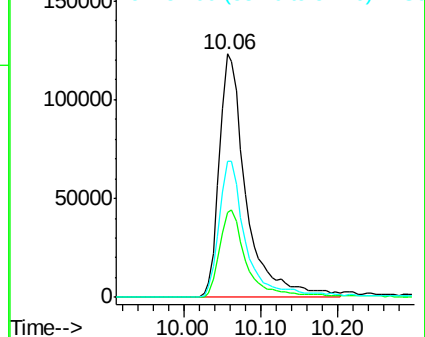
82 100

128 35.0 29.7 44.5

54 55.7 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# 2075

Delta R.T. -0.00 min

Lab File: BG033615.D

Acq: 6 Apr 2018 5:36

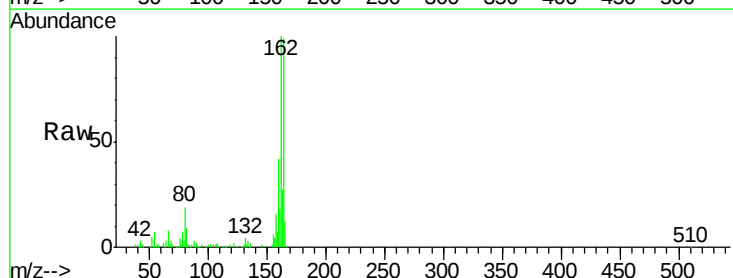
Tgt Ion:164 Resp: 121140

Ion Ratio Lower Upper

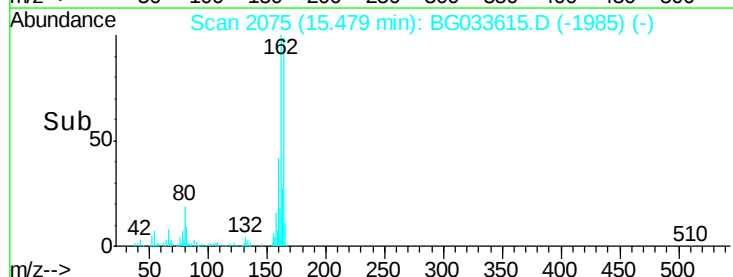
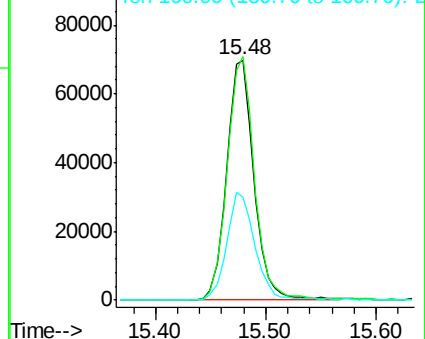
164 100

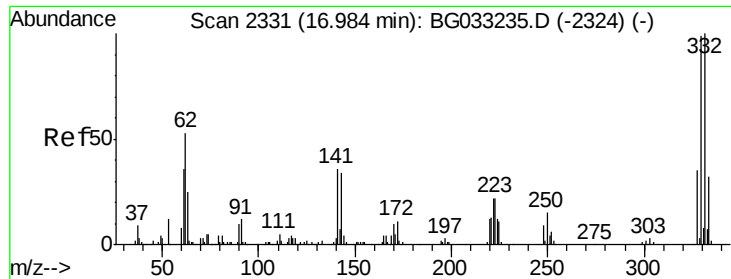
162 101.5 78.8 118.2

160 42.9 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

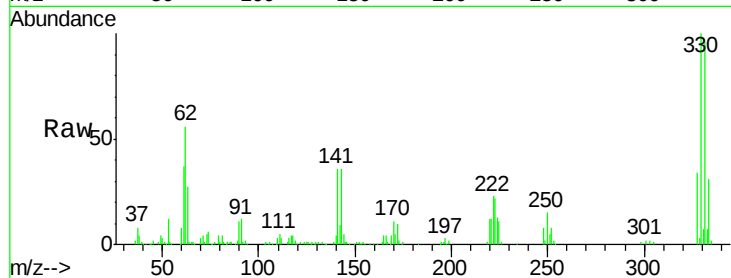




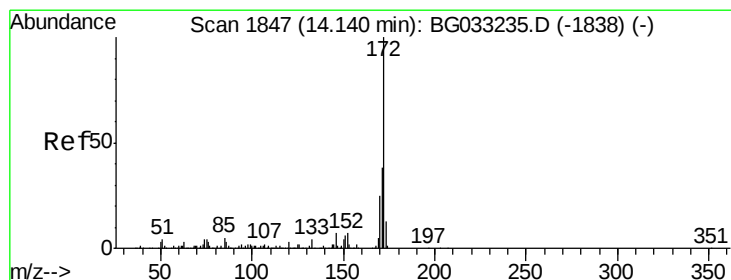
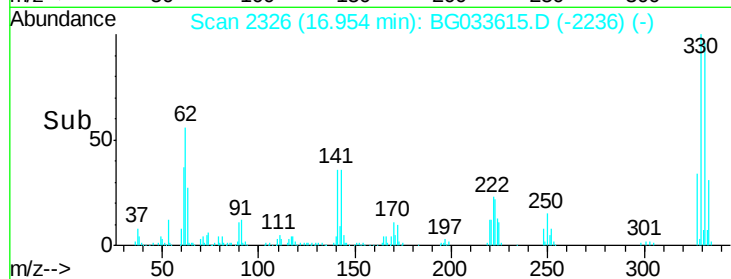
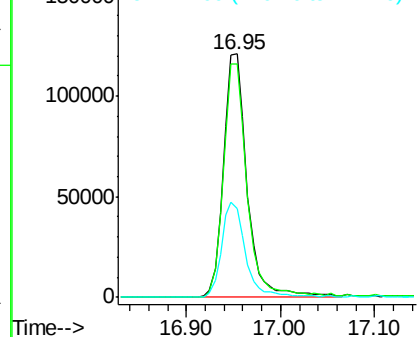
#41
 2,4,6-Tribromophenol
 Concen: 117.705 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033615.D
 Acq: 6 Apr 2018 5:36

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-9

Tot Ion:330 Resp: 213256
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 38.8 25.2 37.8#

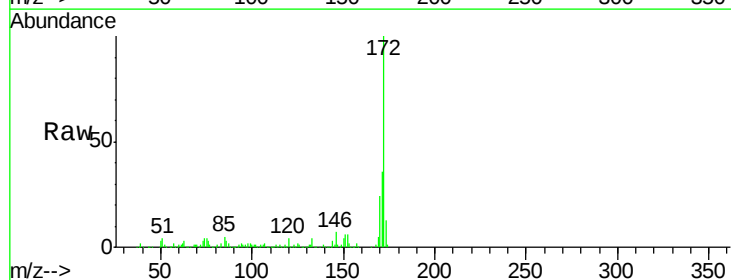


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

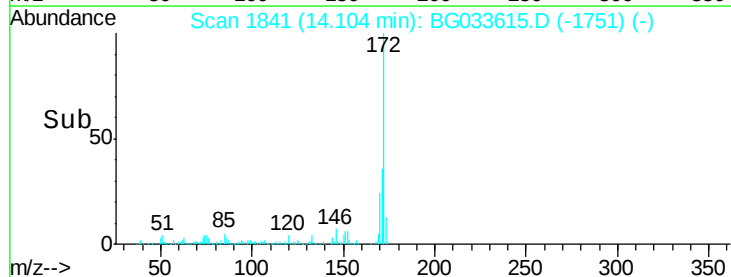
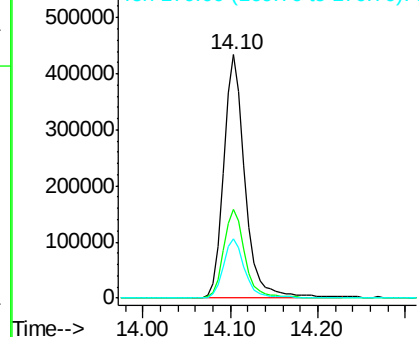


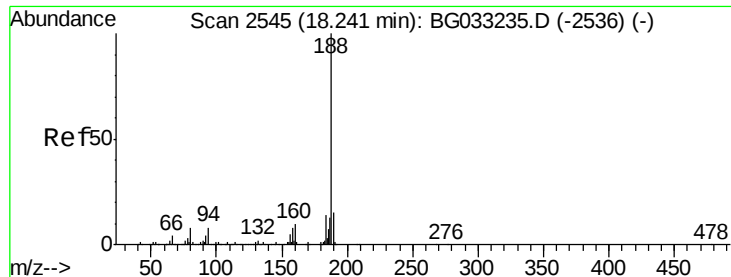
#44
 2-Fluorobiphenyl
 Concen: 87.522 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033615.D
 Acq: 6 Apr 2018 5:36

Tgt Ion:172 Resp: 734423
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 24.1 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

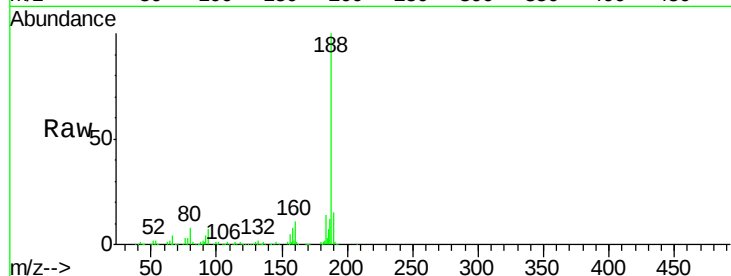




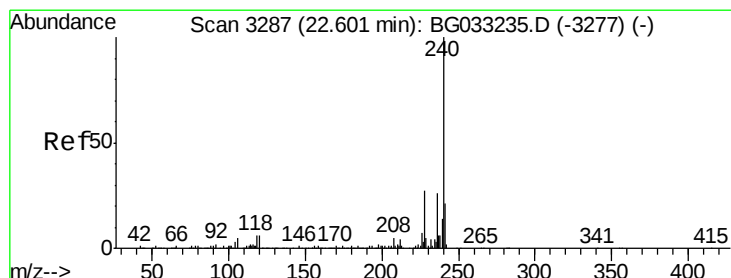
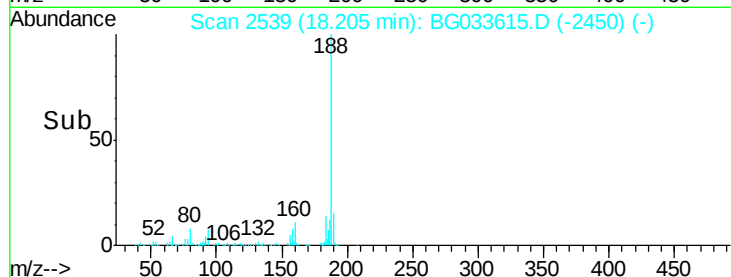
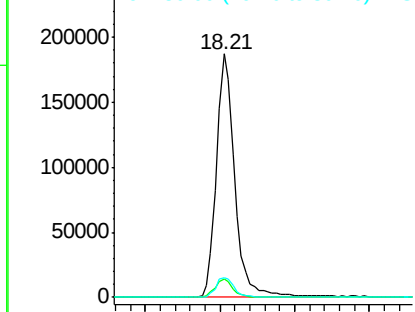
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

Instrument :
BNA_G
ClientSampleId :
DRUM-9

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.0	7.7	11.5

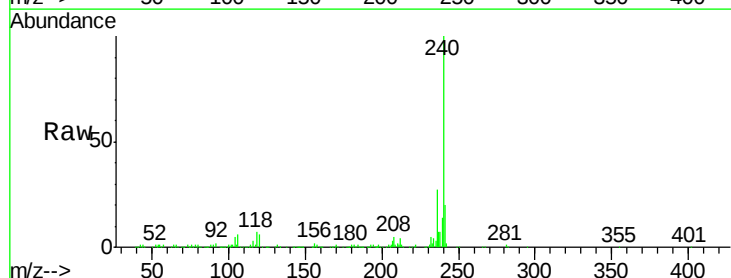


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

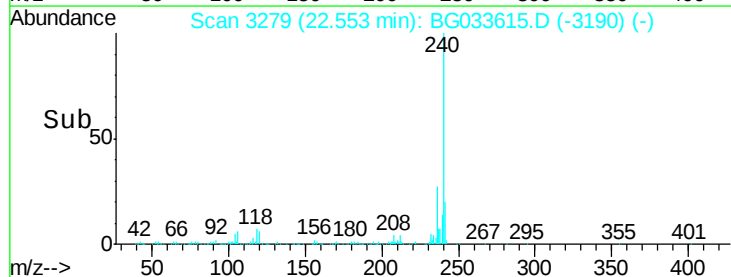
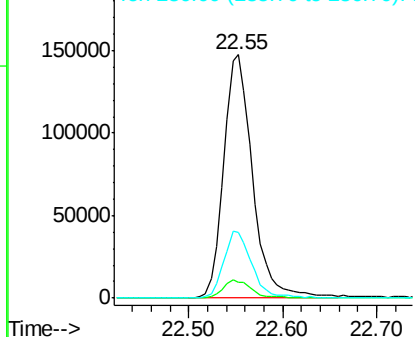


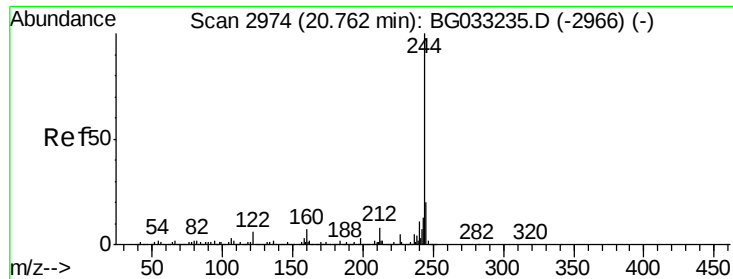
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	27.1	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

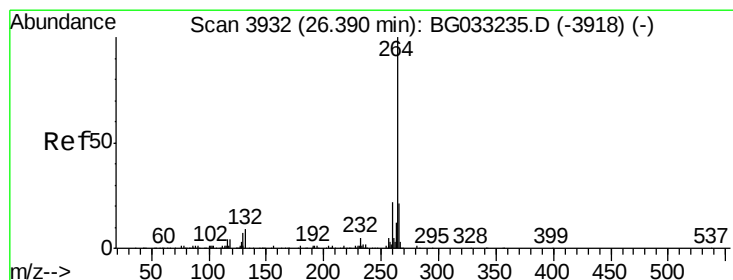
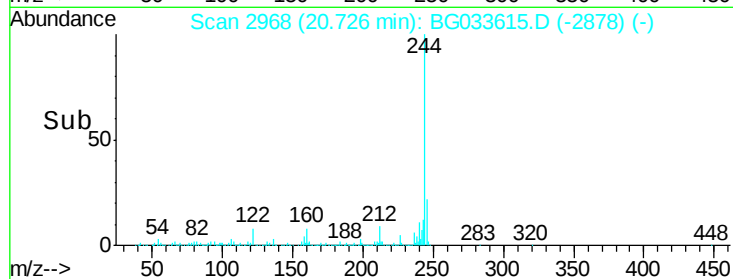
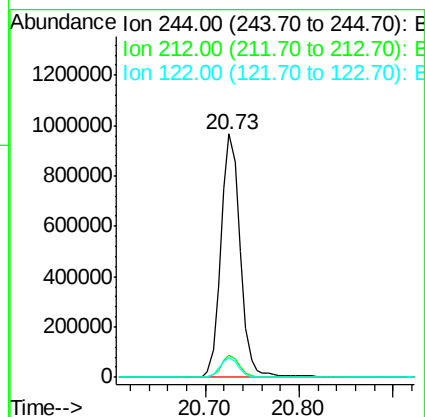
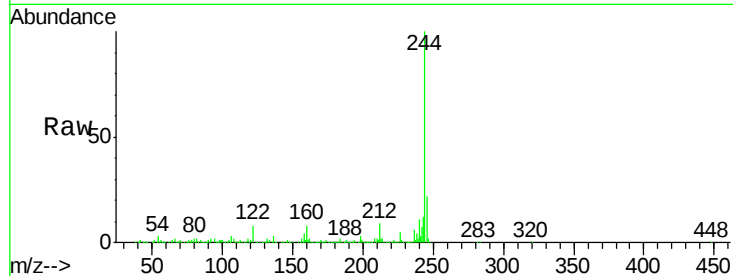




#78
 Terphenyl-d14
 Concen: 94.687 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.00 min
 Lab File: BG033615.D
 Acq: 6 Apr 2018 5:36

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-9

Tot Ion:244 Resp: 1396685
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 7.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033615.D
 Acq: 6 Apr 2018 5:36

Tgt Ion:264 Resp: 311445
 Ion Ratio Lower Upper
 264 100
 260 21.7 17.4 26.0
 265 22.0 17.7 26.5

