

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033302.D
 Acq On : 22 Mar 2018 19:50
 Operator : SJ/JU
 Sample : J1992-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-4-B

Quant Time: Mar 23 04:44:30 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	8.89	152	38474	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	162661	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	133129	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	355960	20.00	ng	0.00
75) Chrysene-d12	22.59	240	363381	20.00	ng	0.00
86) Perylene-d12	26.38	264	372397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	289140	140.92	ng	0.00
7) Phenol-d6	7.99	99	419344	118.95	ng	0.00
23) Nitrobenzene-d5	10.09	82	331067	93.51	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	271985	136.60	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	823341	89.28	ng	0.00
78) Terphenyl-d14	20.76	244	1633641	96.14	ng	0.00

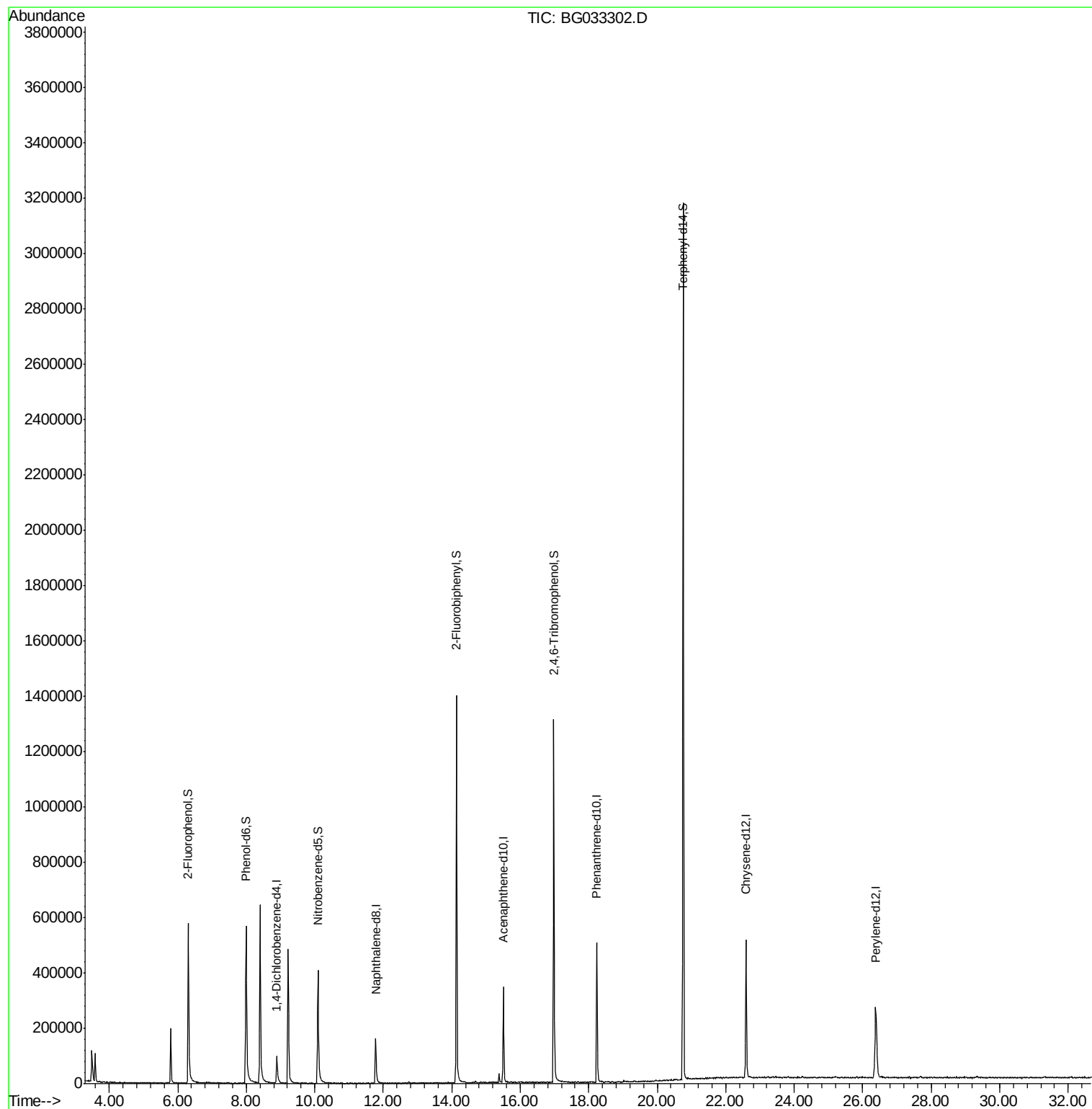
Target Compounds Qvalue

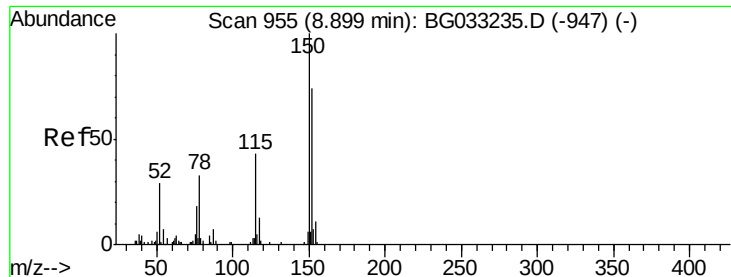
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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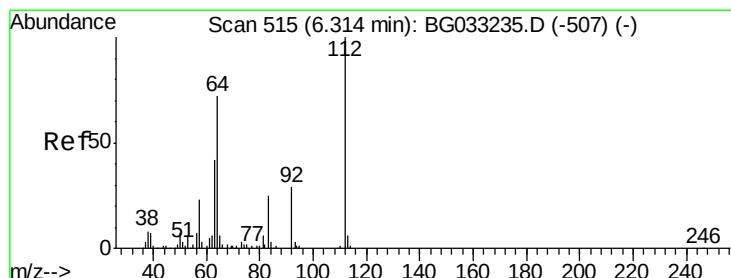
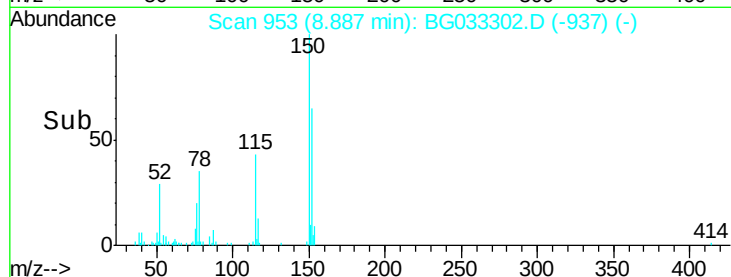
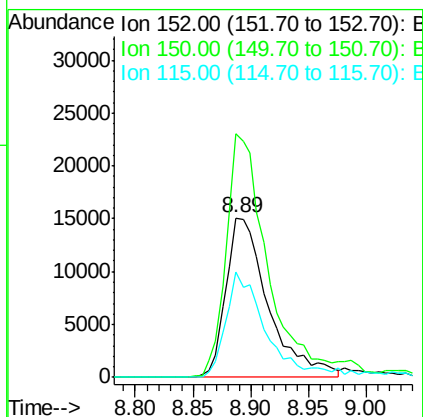
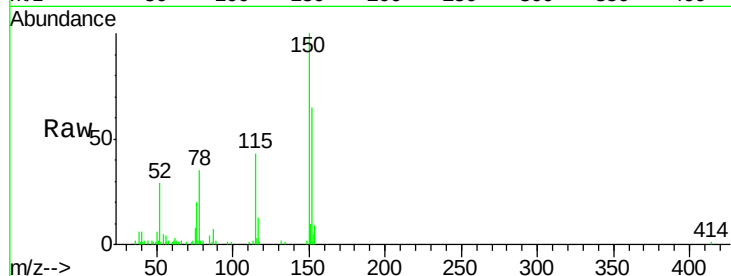


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Instrument :
BNA_G
ClientSampleId :
DRUM-1-4-B

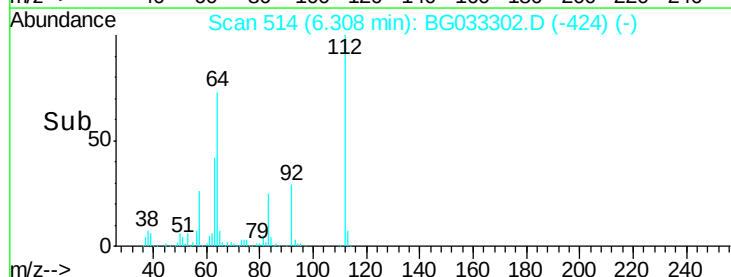
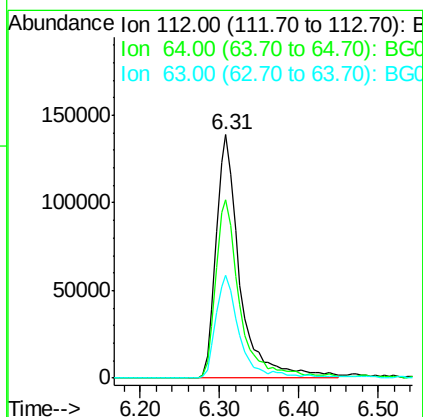
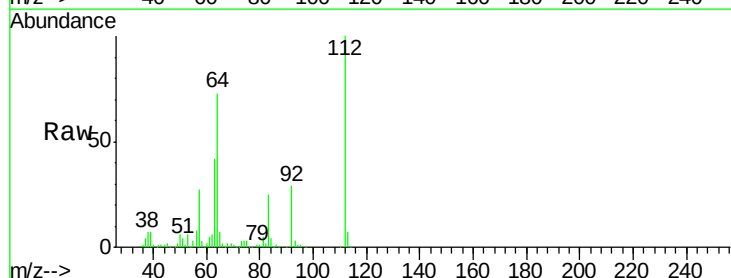
Tot Ion:152 Resp: 38474
Ion Ratio Lower Upper
152 100
150 152.9 126.6 189.8
115 66.0 53.0 79.4

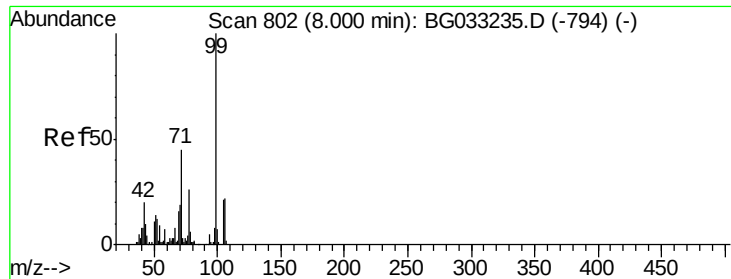


#5

2-Fluorophenol
Concen: 140.919 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Tgt Ion:112 Resp: 289140
Ion Ratio Lower Upper
112 100
64 73.3 56.3 84.5
63 42.3 30.1 45.1





#7

Phenol-d6

Concen: 118.948 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033302.D

Acq: 22 Mar 2018 19:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-4-B

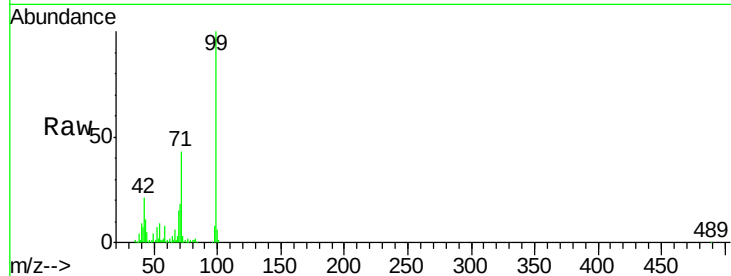
Tot Ion: 99 Resp: 419344

Ion Ratio Lower Upper

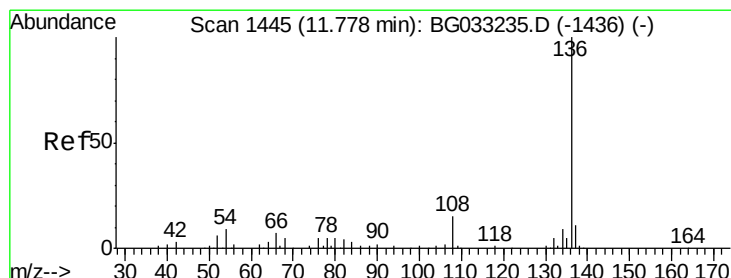
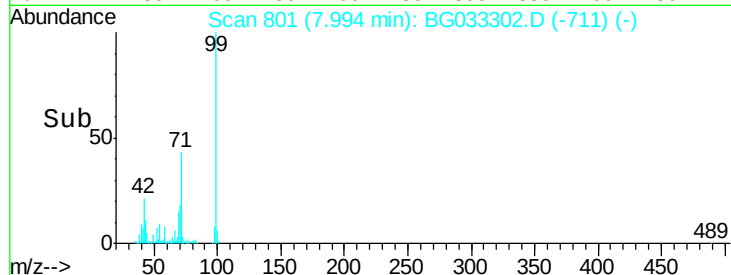
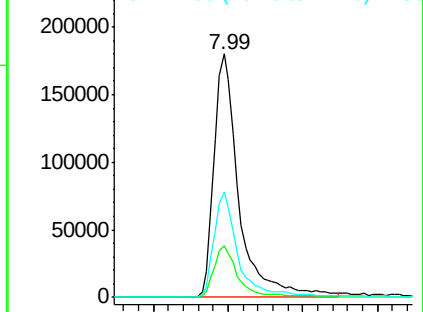
99 100

42 21.2 14.1 21.1#

71 43.5 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: BG033302.D

Acq: 22 Mar 2018 19:50

Tgt Ion: 136 Resp: 162661

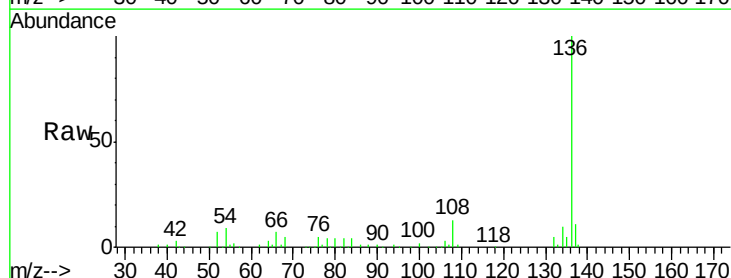
Ion Ratio Lower Upper

136 100

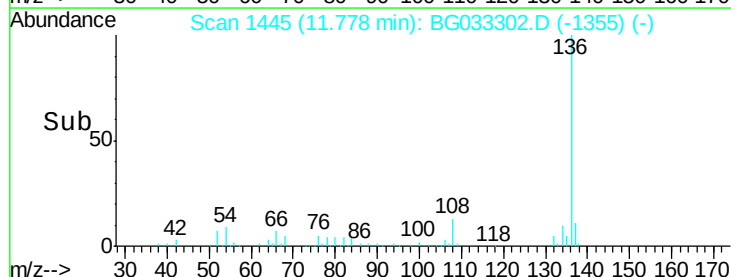
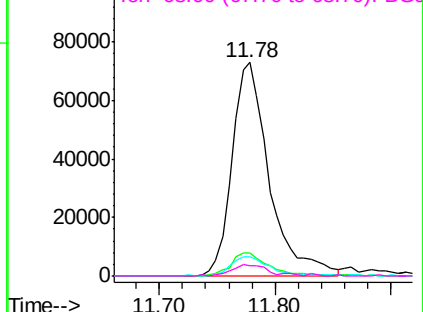
137 10.5 9.2 13.8

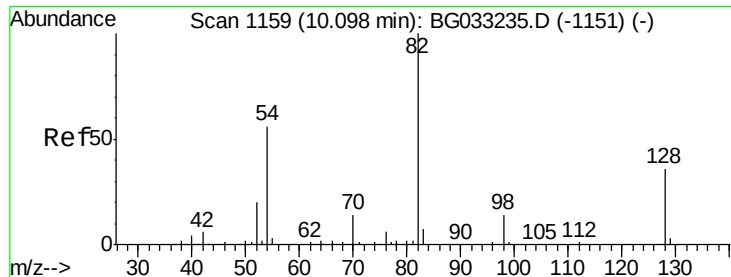
54 9.0 10.3 15.5#

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

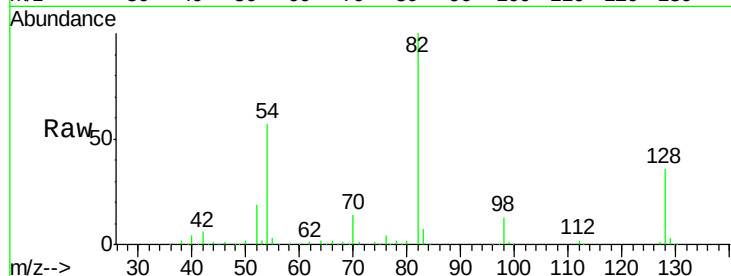




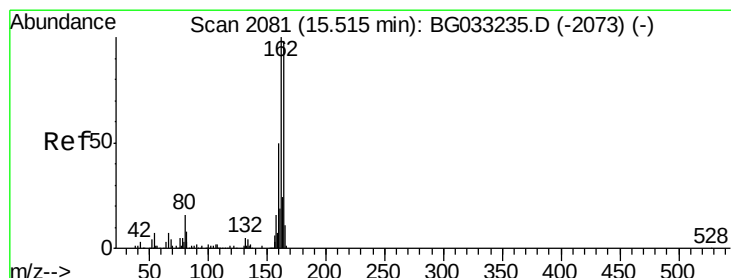
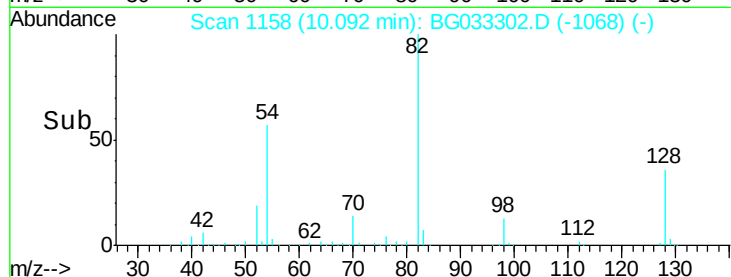
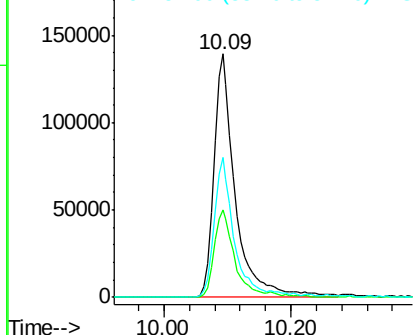
#23
 Nitrobenzene-d5
 Concen: 93.511 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG033302.D
 Acq: 22 Mar 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-4-B

Tot Ion	82	Resp	331067
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.7	44.5
54	57.2	43.1	64.7

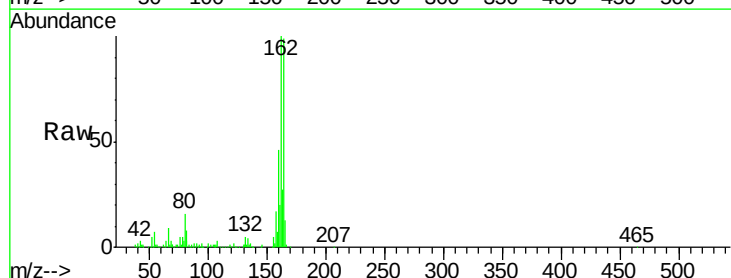


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

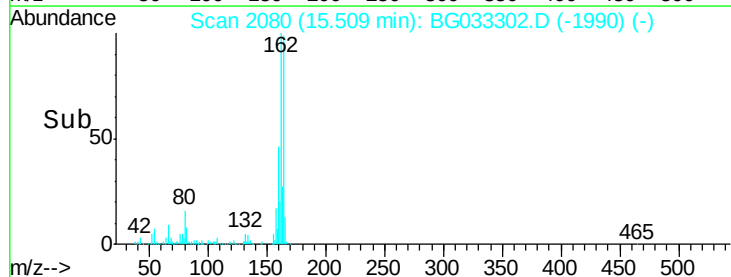
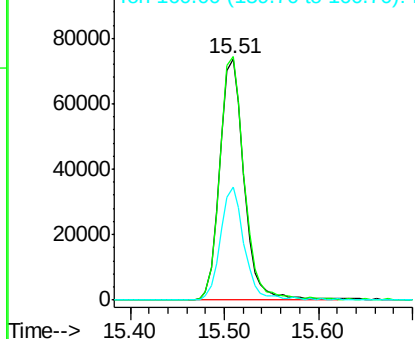


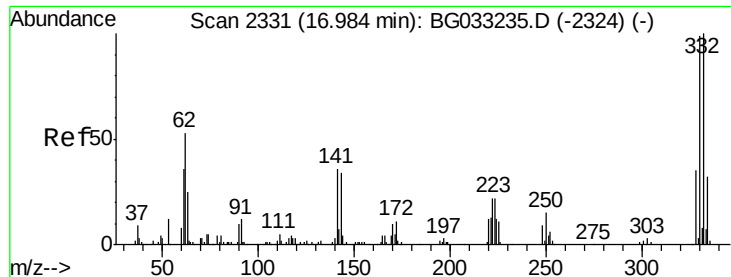
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG033302.D
 Acq: 22 Mar 2018 19:50

Tgt Ion	164	Resp	133129
Ion Ratio	Lower	Upper	
164	100		
162	100.8	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

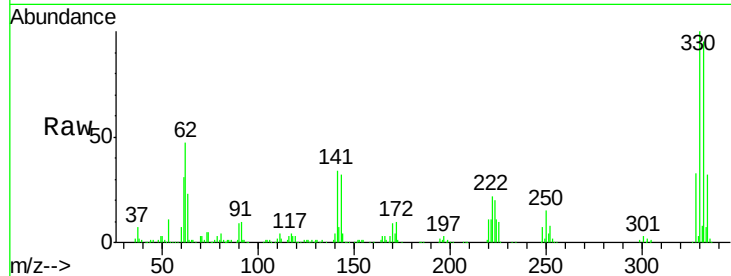




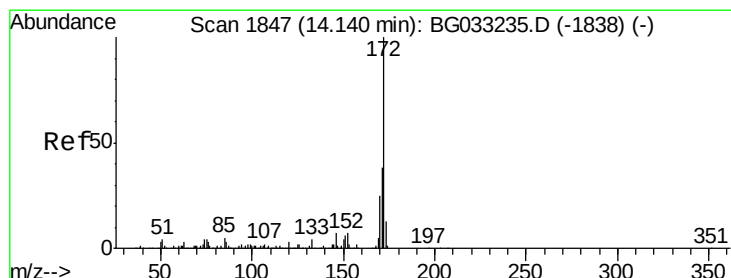
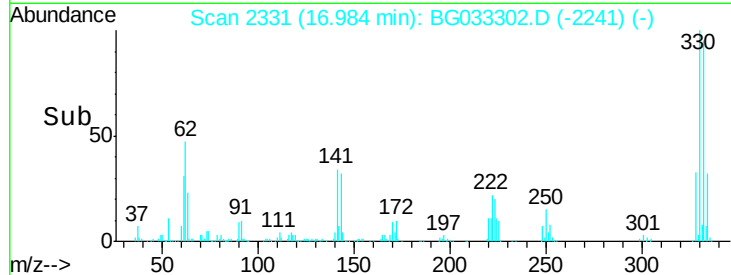
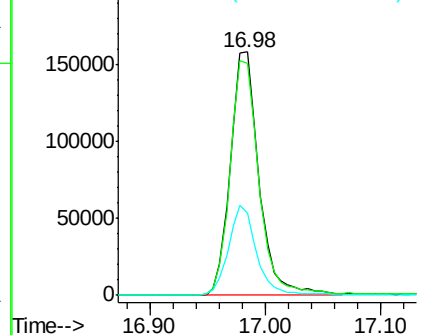
#41
 2,4,6-Tribromophenol
 Concen: 136.600 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033302.D
 Acq: 22 Mar 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-4-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	36.4	25.2	37.8

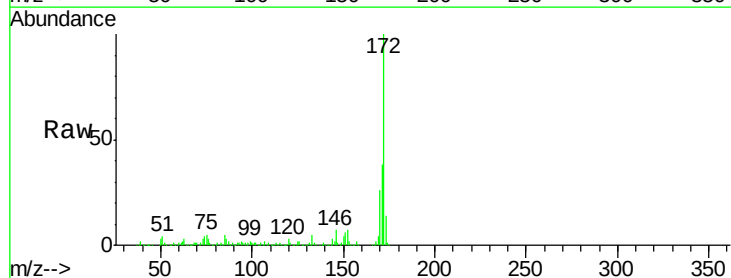


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

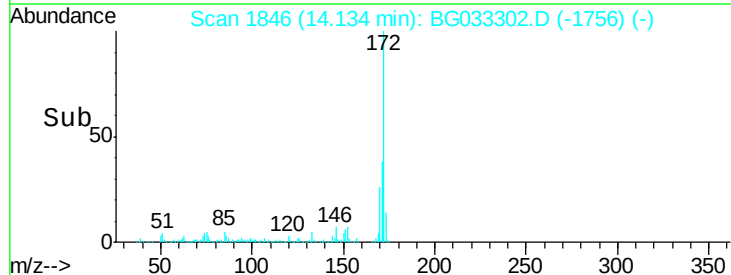
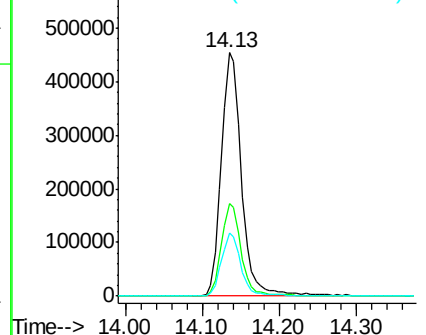


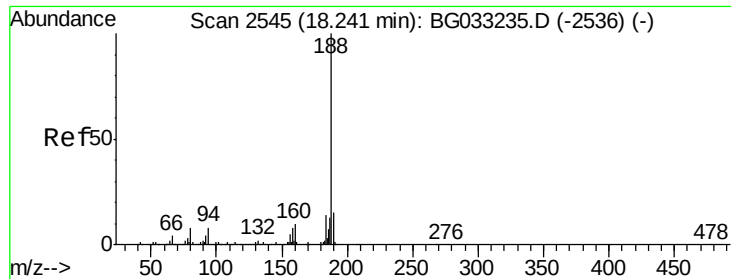
#44
 2-Fluorobiphenyl
 Concen: 89.282 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033302.D
 Acq: 22 Mar 2018 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	26.2	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: 18.24 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BG033302.D

Acq: 22 Mar 2018 19:50

Instrument :

BNA_G

ClientSampled :

DRUM-1-4-B

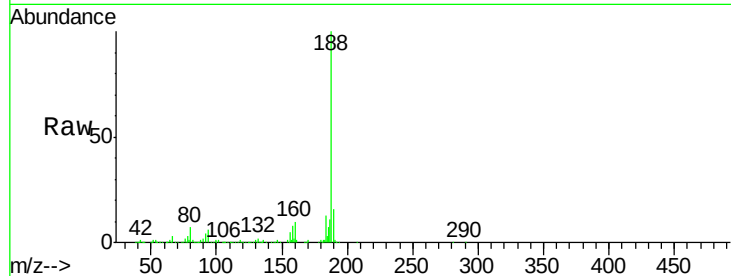
Tot Ion:188 Resp: 355960

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

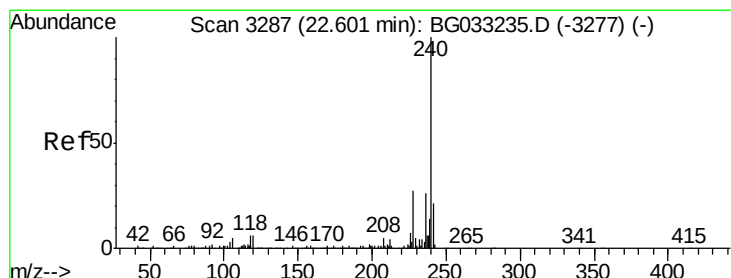
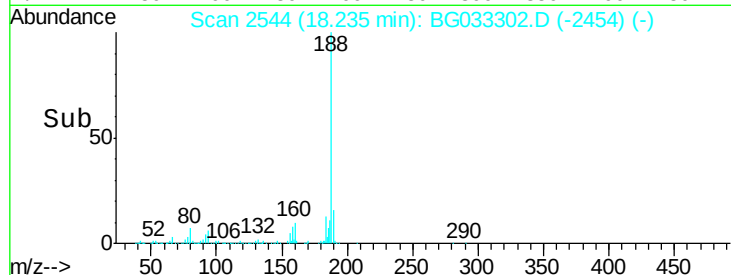
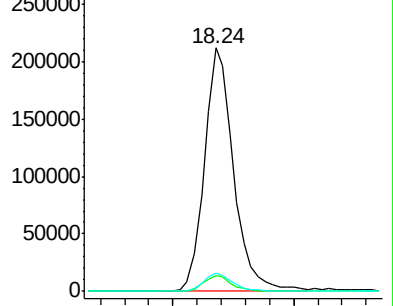
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033302.D

Acq: 22 Mar 2018 19:50

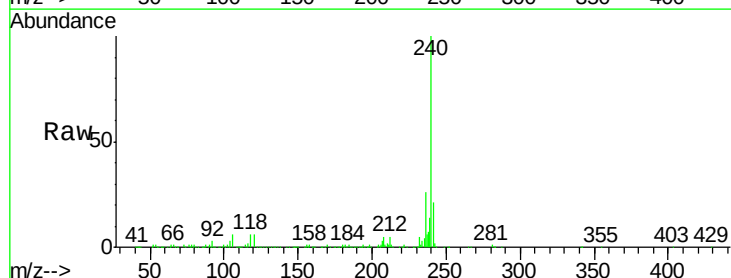
Tgt Ion:240 Resp: 363381

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

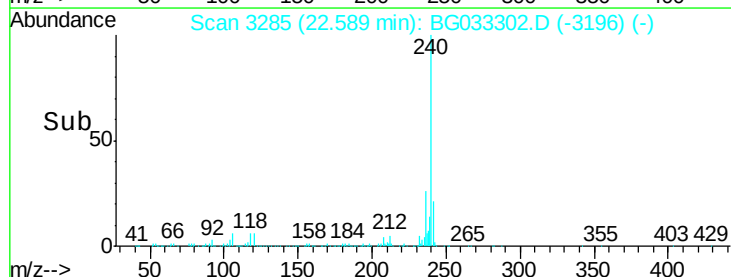
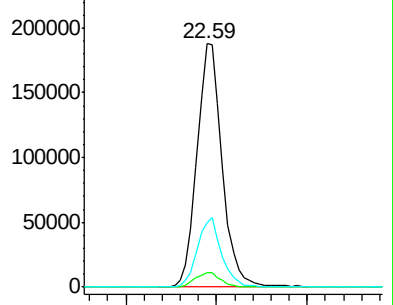
236 26.5 20.9 31.3

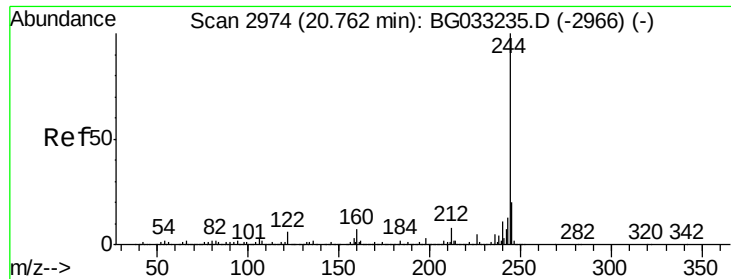


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.145 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033302.D

Acq: 22 Mar 2018 19:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-4-B

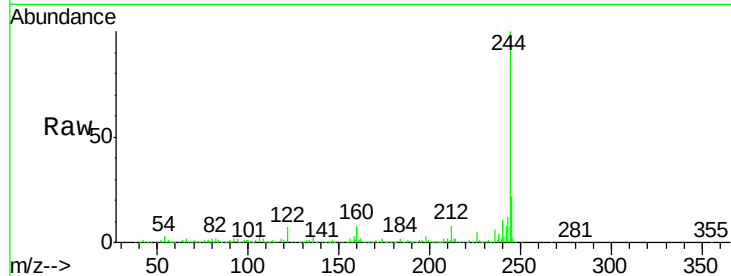
Tot Ion:244 Resp: 1633641

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

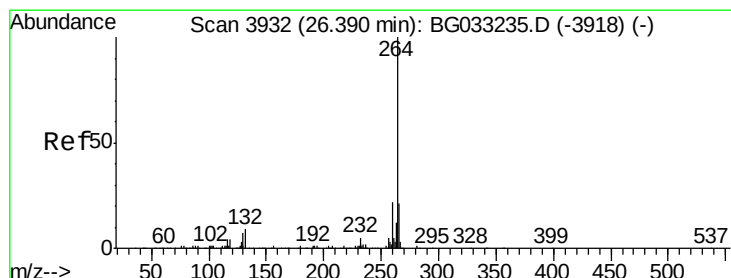
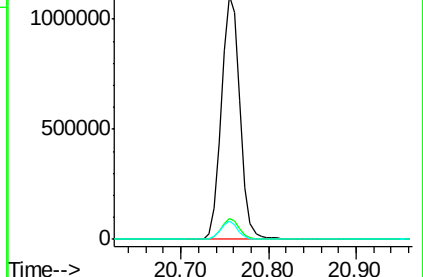
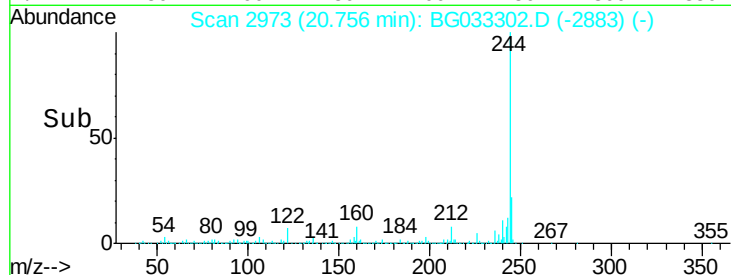
122 7.5 7.0 10.4



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: 26.38 min Scan# 3930

Delta R.T. -0.01 min

Lab File: BG033302.D

Acq: 22 Mar 2018 19:50

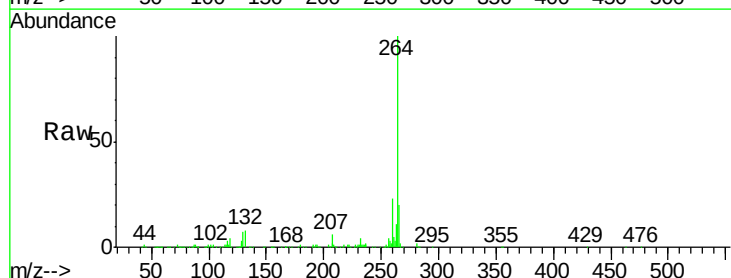
Tgt Ion:264 Resp: 372397

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 20.0 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

