

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033312.D
 Acq On : 23 Mar 2018 3:51
 Operator : SJ/JU
 Sample : J1997-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DGA-TOP-LAYER-1-A

Quant Time: Mar 23 05:33:44 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	32868	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	151042	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	121954	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	340497	20.00	ng	0.00
75) Chrysene-d12	22.59	240	338149	20.00	ng	0.00
86) Perylene-d12	26.39	264	341269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	287489	164.01	ng	0.00
7) Phenol-d6	7.99	99	415287	137.89	ng	0.00
23) Nitrobenzene-d5	10.09	82	325886	99.13	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	251336	137.80	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	795230	94.14	ng	0.00
78) Terphenyl-d14	20.76	244	1610284	101.84	ng	0.00

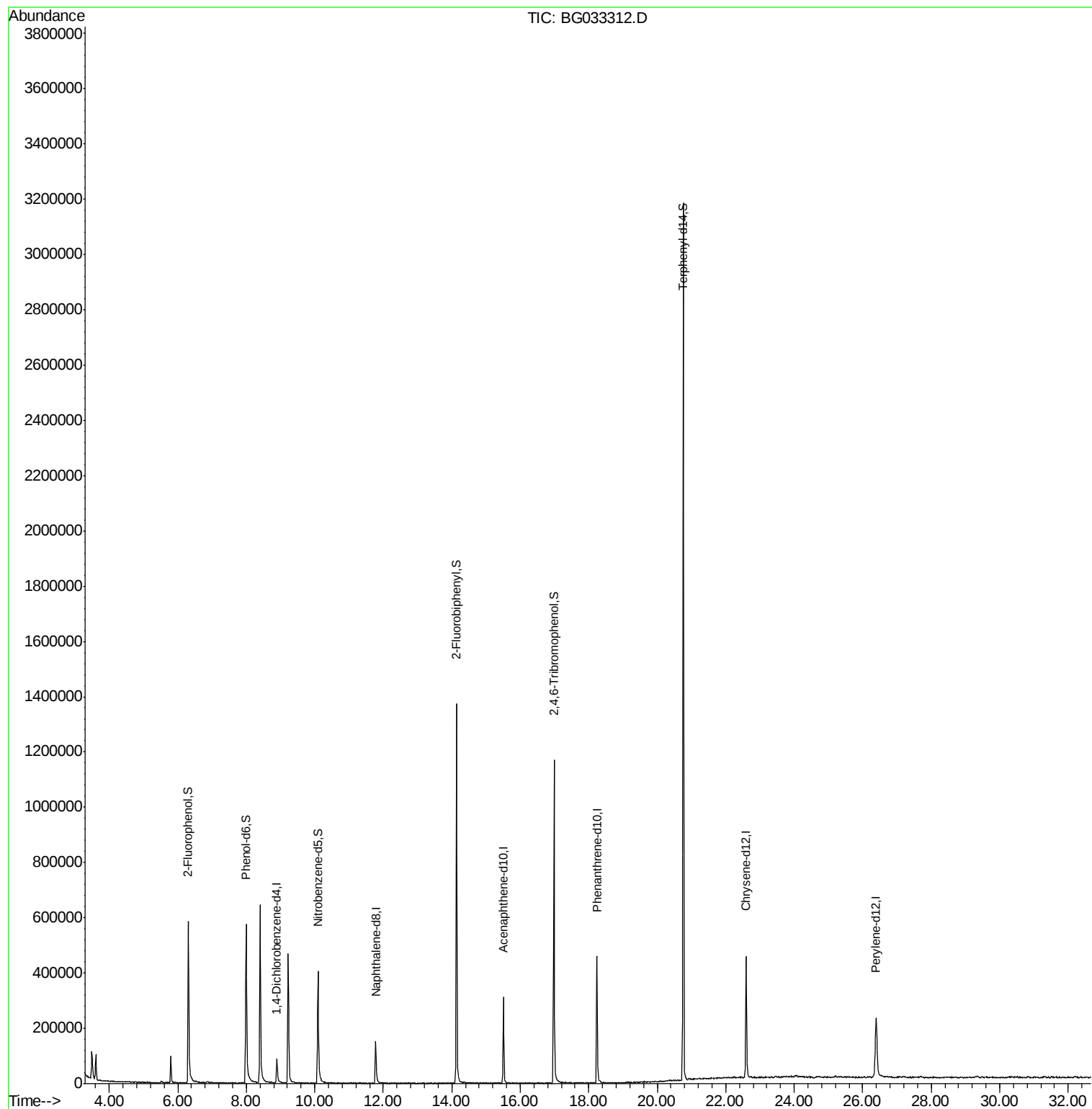
Target Compounds	Qvalue
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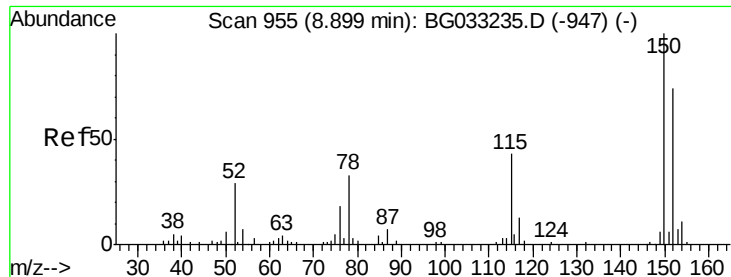
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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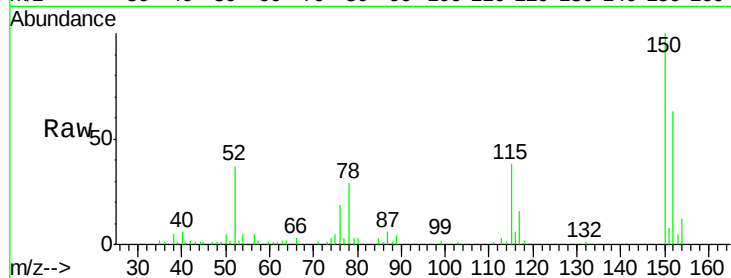


#1

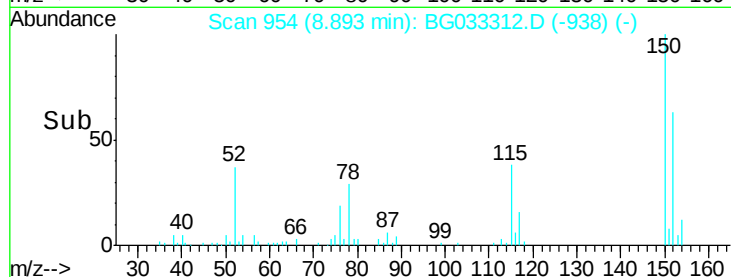
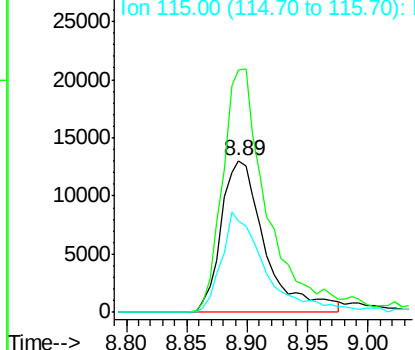
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033312.D
Acq: 23 Mar 2018 3:51

Instrument :
BNA_G
ClientSampleId :
DGA-TOP-LAYER-1-A

Tot Ion:152 Resp: 32868
Ion Ratio Lower Upper
152 100
150 159.4 126.6 189.8
115 60.0 53.0 79.4



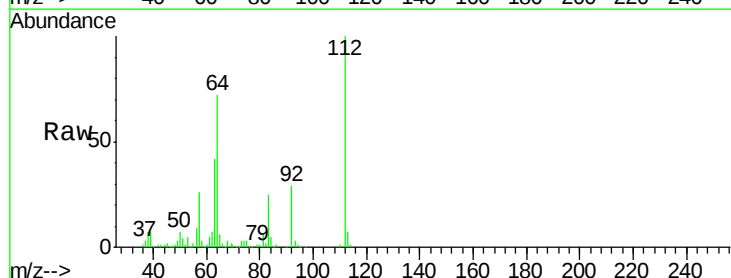
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



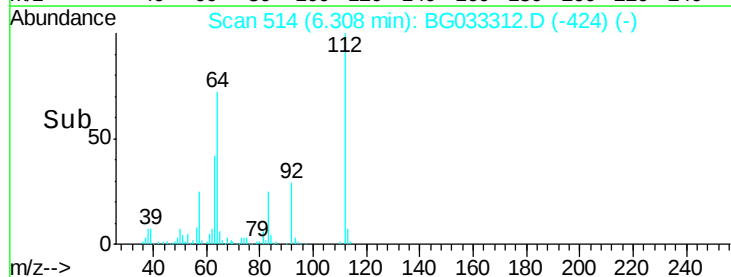
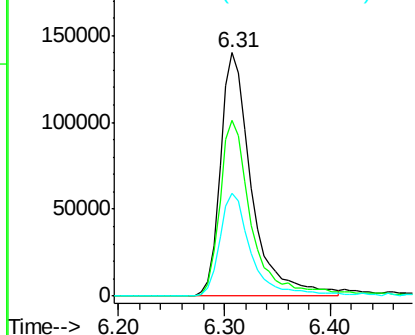
#5

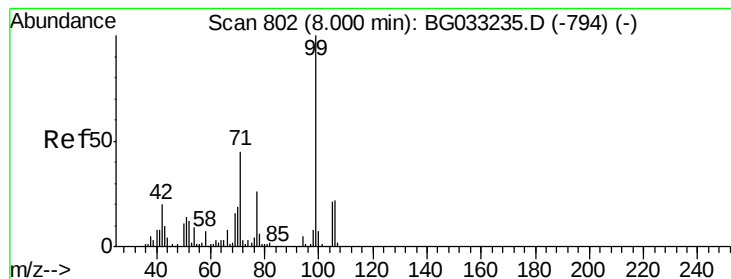
2-Fluorophenol
Concen: 164.013 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033312.D
Acq: 23 Mar 2018 3:51

Tgt Ion:112 Resp: 287489
Ion Ratio Lower Upper
112 100
64 72.2 56.3 84.5
63 42.2 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: 137.889 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033312.D

Acq: 23 Mar 2018 3:51

Instrument :

BNA_G

ClientSampleId :

DGA-TOP-LAYER-1-A

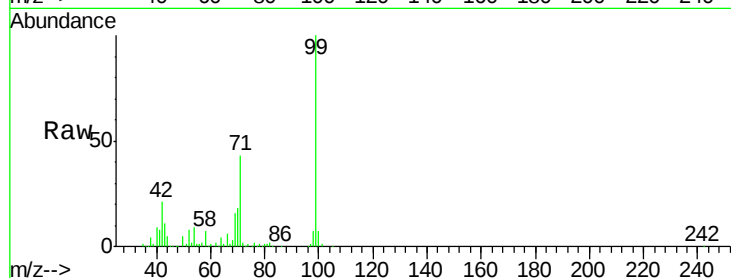
Tot Ion: 99 Resp: 415287

Ion Ratio Lower Upper

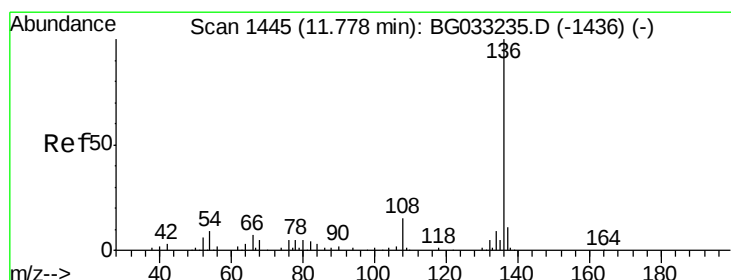
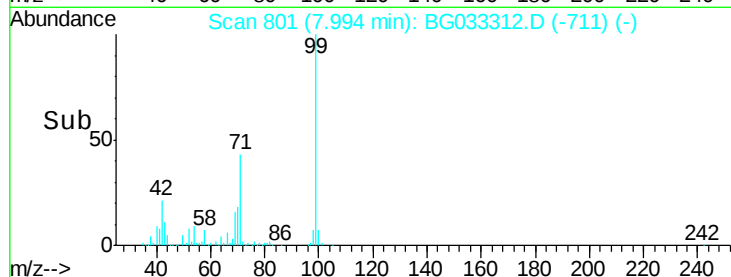
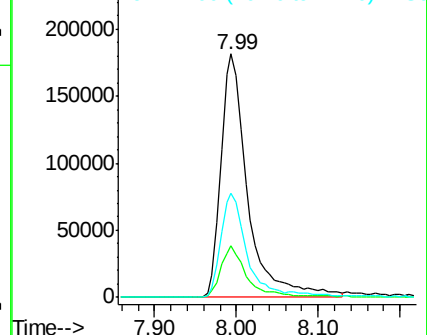
99 100

42 21.0 14.1 21.1

71 42.5 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: BG033312.D

Acq: 23 Mar 2018 3:51

Tgt Ion: 136 Resp: 151042

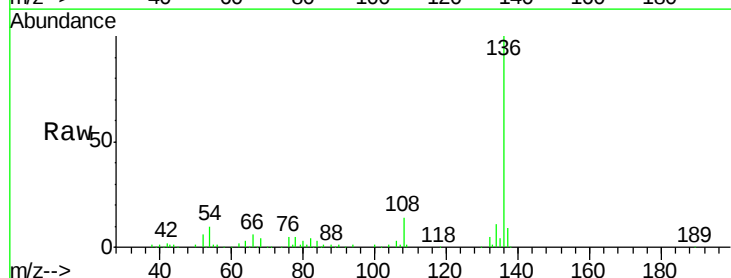
Ion Ratio Lower Upper

136 100

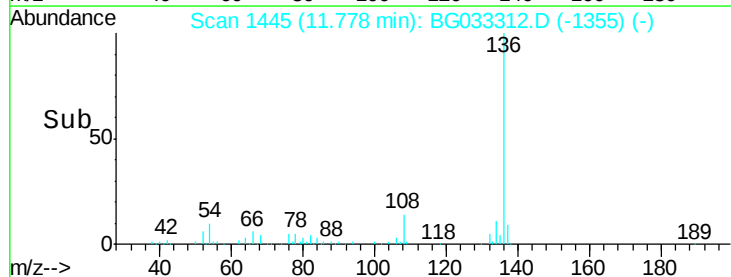
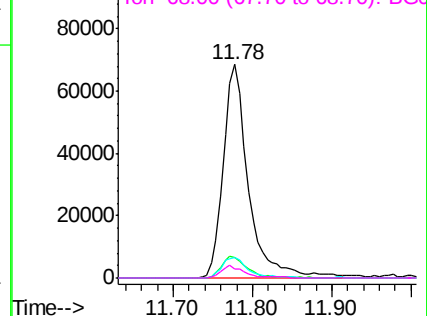
137 9.3 9.2 13.8

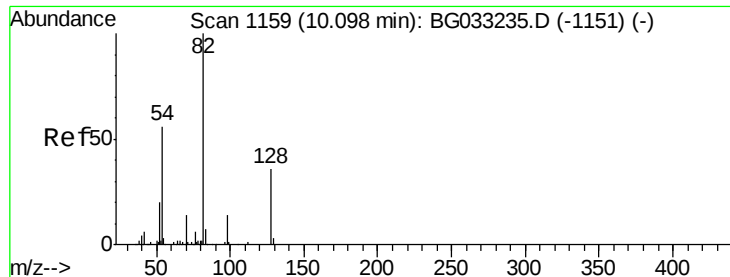
54 9.6 10.3 15.5#

68 4.4 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: 99.128 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033312.D

Acq: 23 Mar 2018 3:51

Instrument :

BNA_G

ClientSampleId :

DGA-TOP-LAYER-1-A

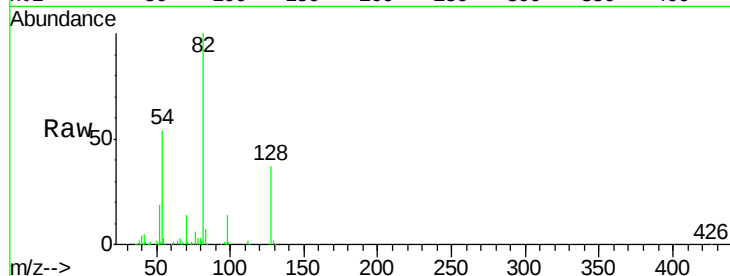
Tot Ion: 82 Resp: 325886

Ion Ratio Lower Upper

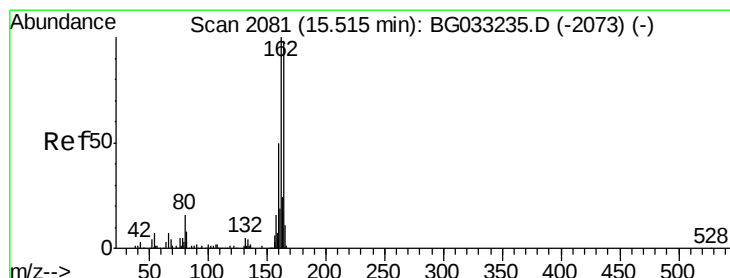
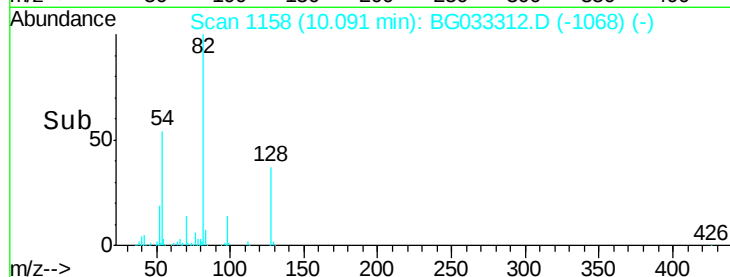
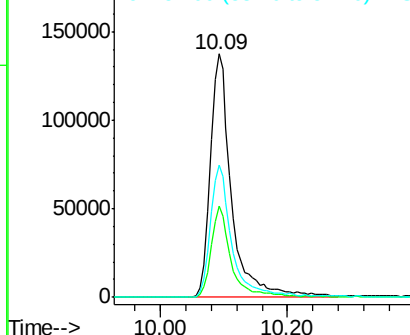
82 100

128 37.3 29.7 44.5

54 54.3 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: BG033312.D

Acq: 23 Mar 2018 3:51

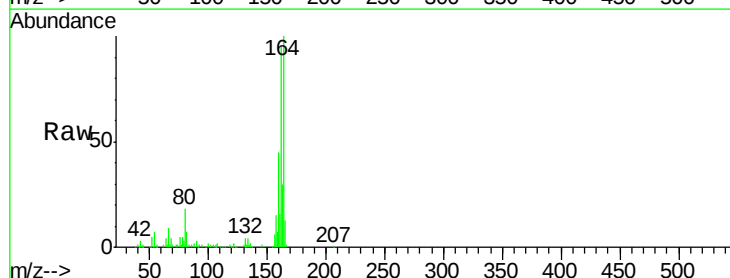
Tgt Ion: 164 Resp: 121954

Ion Ratio Lower Upper

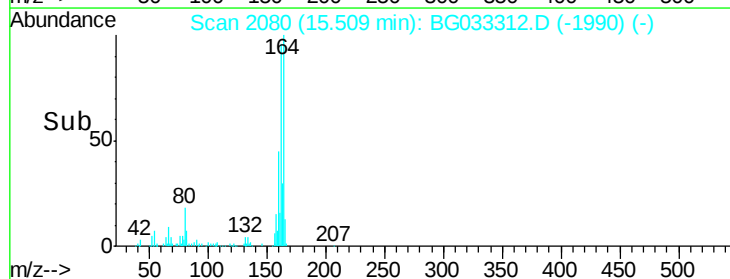
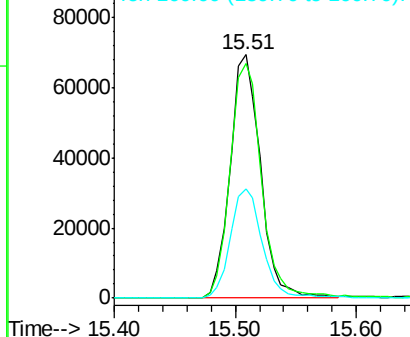
164 100

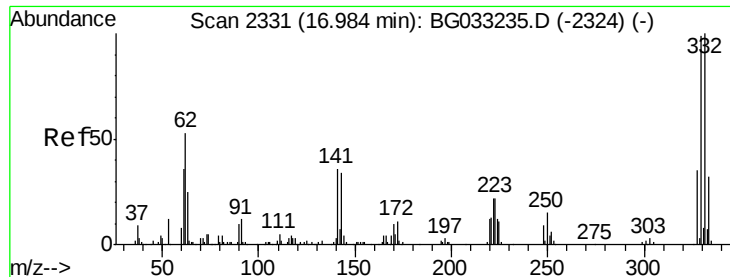
162 96.3 78.8 118.2

160 44.9 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

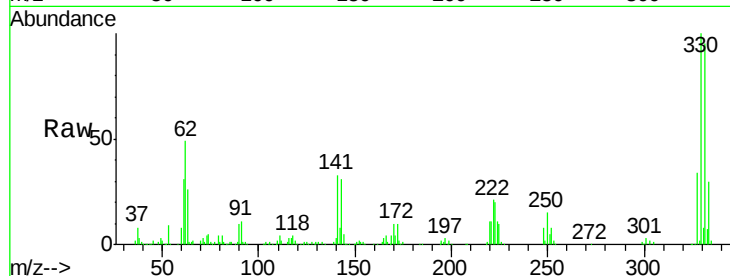




#41
 2,4,6-Tribromophenol
 Concen: 137.797 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033312.D
 Acq: 23 Mar 2018 3:51

Instrument :
 BNA_G
 ClientSampleId :
 DGA-TOP-LAYER-1-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	35.1	25.2	37.8

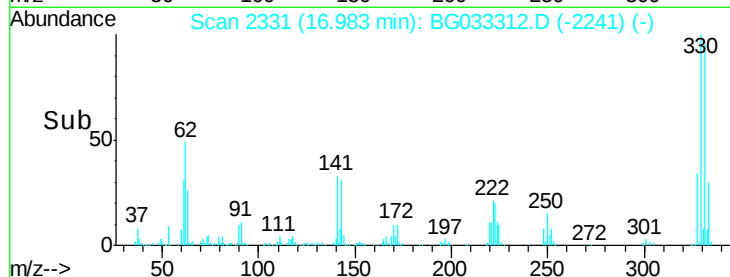
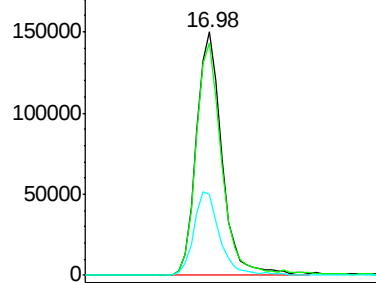


Abundance

Ion 329.80 (329.50 to 330.50): E

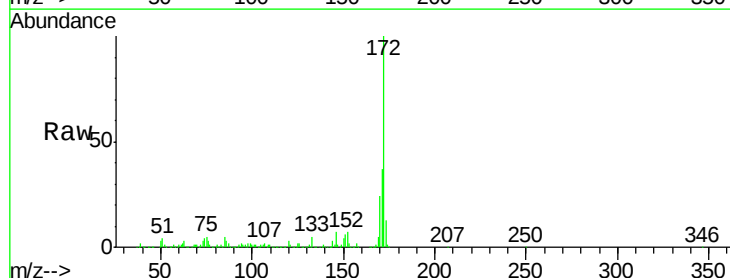
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.136 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033312.D
 Acq: 23 Mar 2018 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.7	19.5	29.3

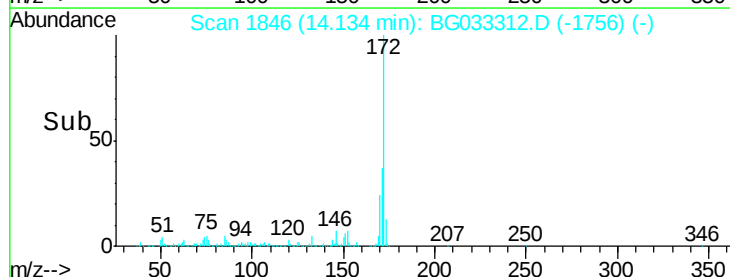
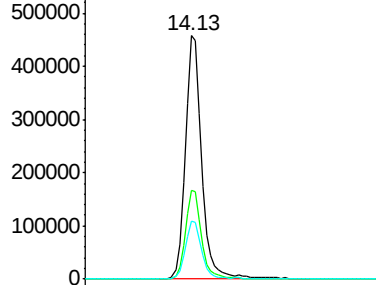


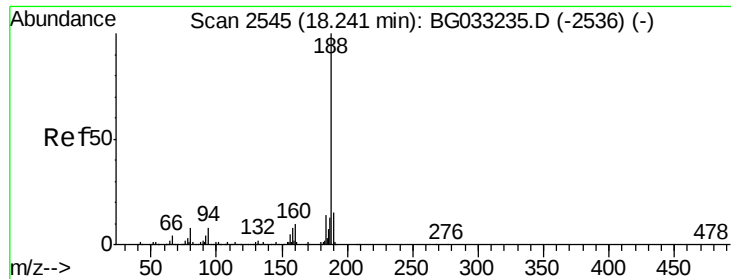
Abundance

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# 2545

Delta R.T. 0.00 min

Lab File: BG033312.D

Acq: 23 Mar 2018 3:51

Instrument :

BNA_G

ClientSampleId :

DGA-TOP-LAYER-1-A

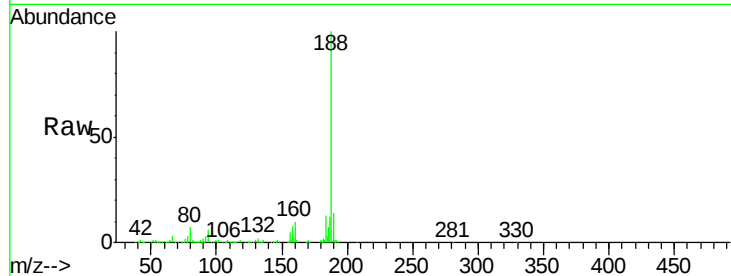
Tot Ion:188 Resp: 340497

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

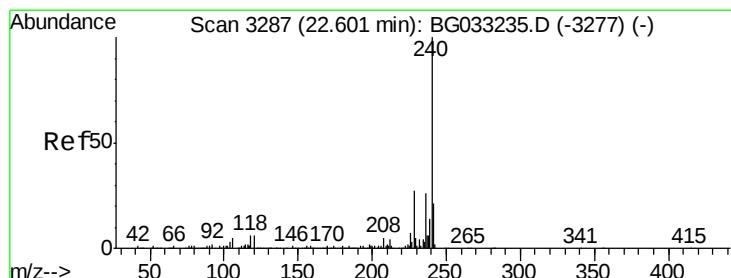
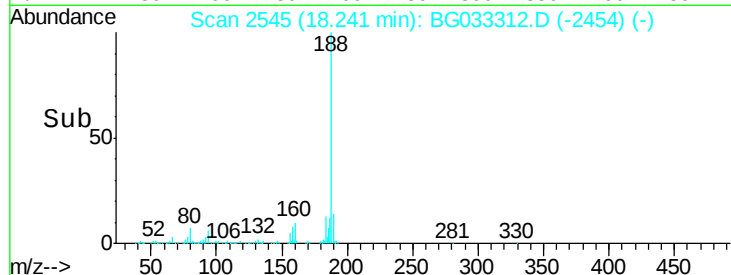
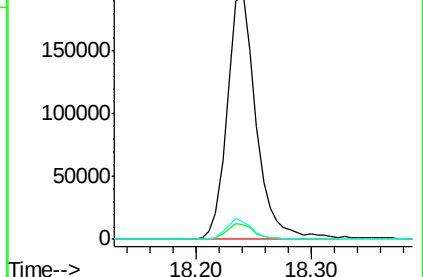
80 7.0 7.7 11.5#



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: 22.59 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033312.D

Acq: 23 Mar 2018 3:51

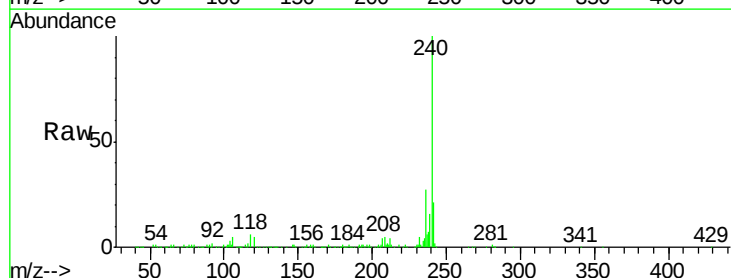
Tgt Ion:240 Resp: 338149

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

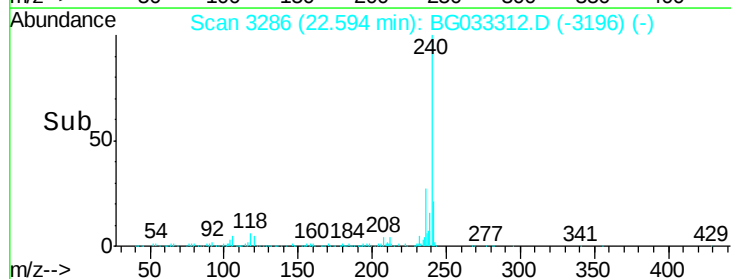
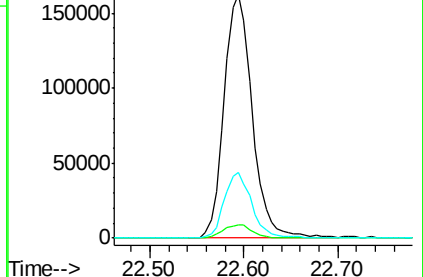
236 27.2 20.9 31.3

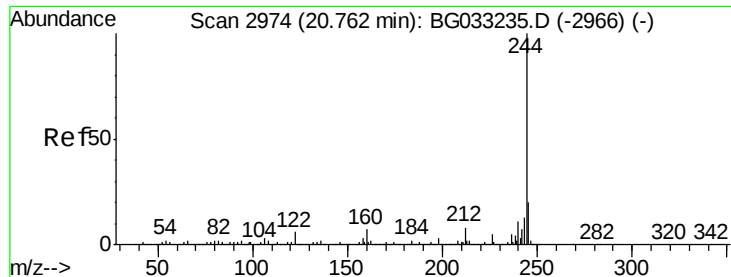


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.842 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033312.D

Acq: 23 Mar 2018 3:51

Instrument :

BNA_G

ClientSampleId :

DGA-TOP-LAYER-1-A

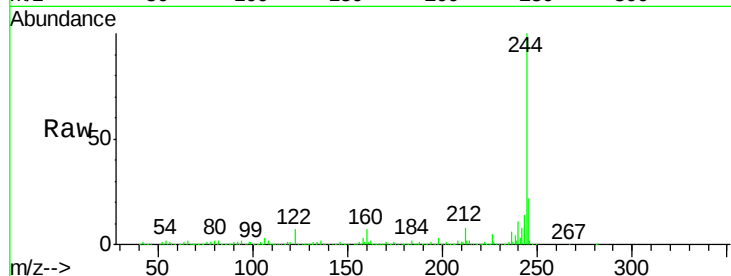
Tot Ion:244 Resp: 1610284

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

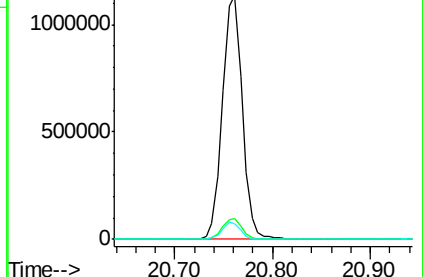
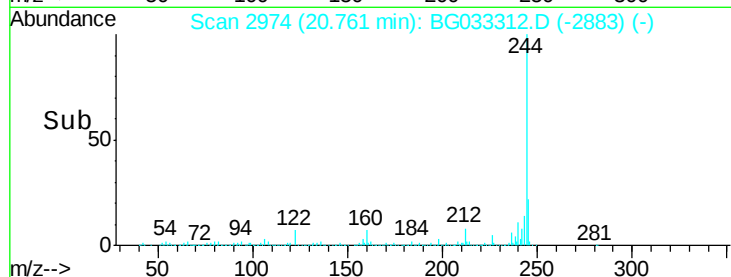
122 6.5 7.0 10.4#



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: 26.39 min Scan# 3932

Delta R.T. 0.00 min

Lab File: BG033312.D

Acq: 23 Mar 2018 3:51

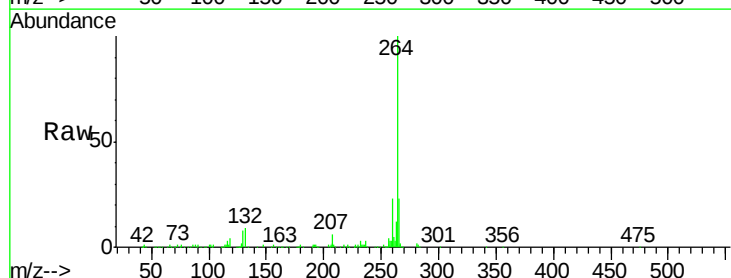
Tgt Ion:264 Resp: 341269

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 23.5 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

