

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG033010.D
 Acq On : 6 Mar 2018 5:15
 Operator : SJ/JU
 Sample : J1699-72
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B20

Quant Time: Mar 06 07:19:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	62662	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	275275	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	157203	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	360259	20.00	ng	0.00
75) Chrysene-d12	22.61	240	327371	20.00	ng	-0.01
86) Perylene-d12	26.41	264	315502	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	545132	139.18	ng	0.00
7) Phenol-d6	8.01	99	666730	122.13	ng	0.00
23) Nitrobenzene-d5	10.11	82	488495	118.70	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	234445	141.84	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	1012273	92.87	ng	-0.01
78) Terphenyl-d14	20.77	244	1487709	102.10	ng	0.00

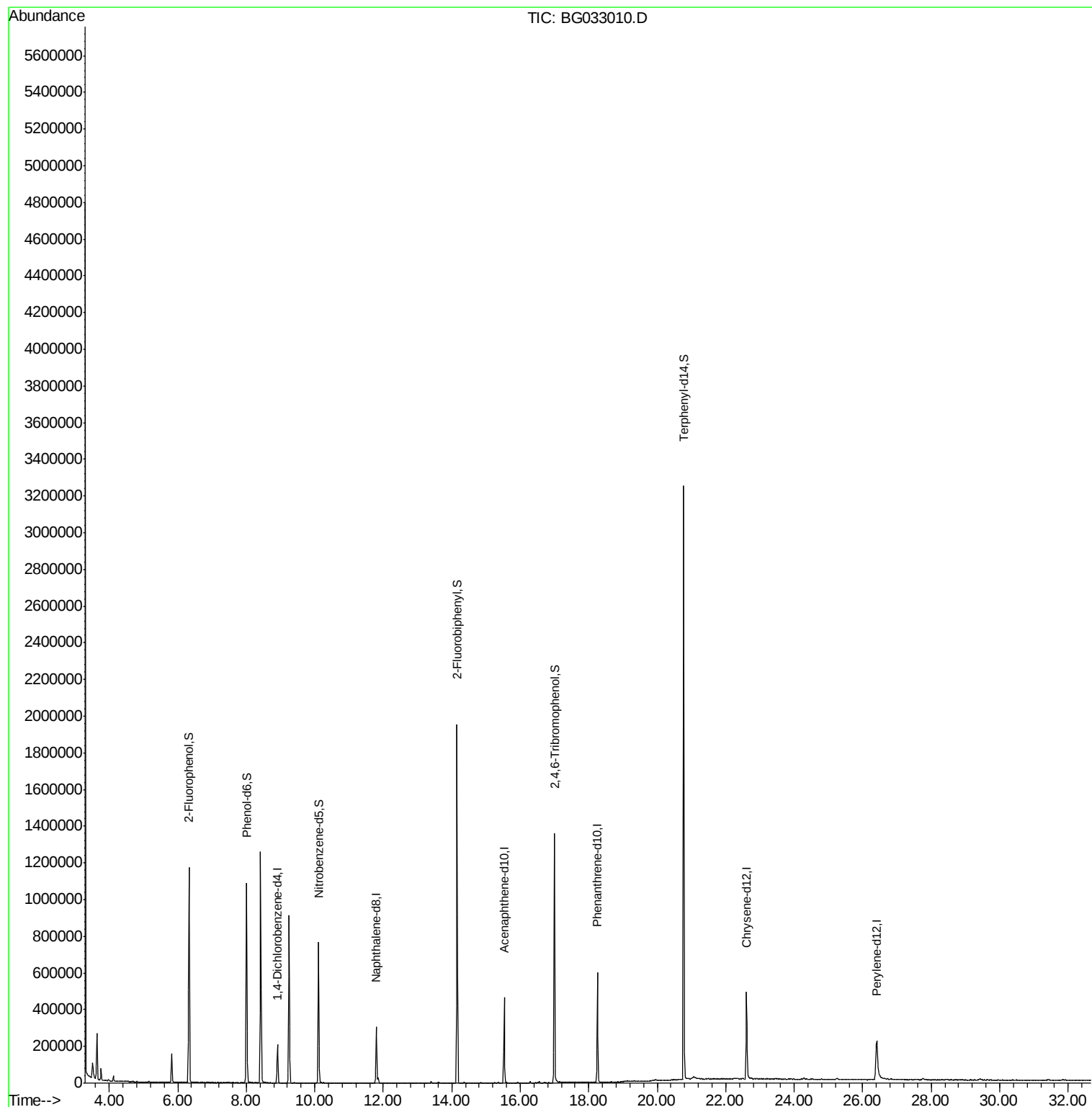
Target Compounds Qvalue

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

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Quant Time: Mar 06 07:19:20 2018
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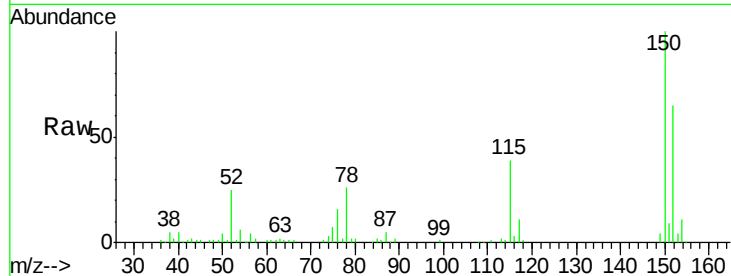


#1

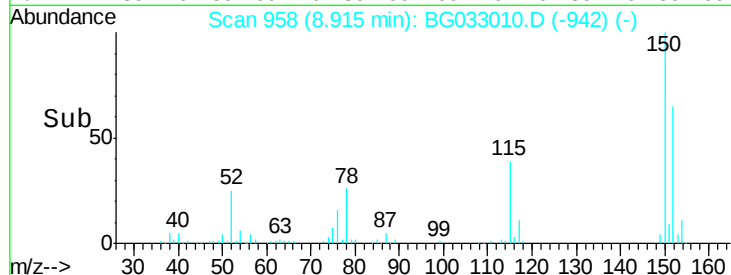
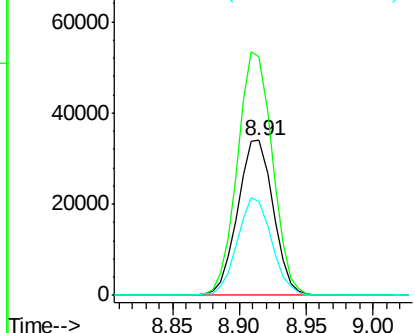
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG033010.D
Acq: 6 Mar 2018 5:15

Instrument :
BNA_G
ClientSampleId :
B20

Tot Ion:152 Resp: 62662
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 60.6 53.0 79.4



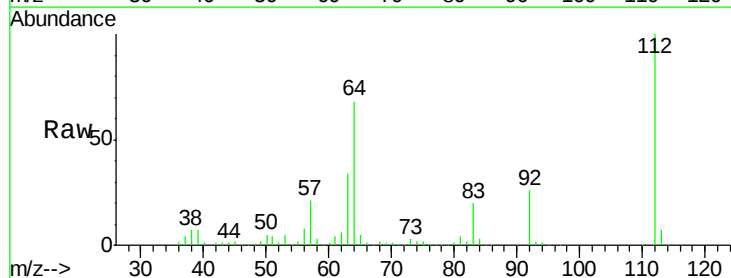
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



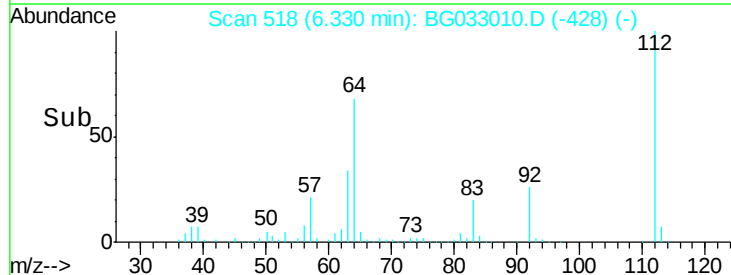
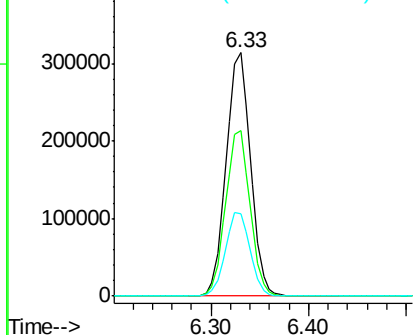
#5

2-Fluorophenol
Concen: 139.180 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG033010.D
Acq: 6 Mar 2018 5:15

Tgt Ion:112 Resp: 545132
Ion Ratio Lower Upper
112 100
64 68.2 56.3 84.5
63 34.0 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: 122.126 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG033010.D

Acq: 6 Mar 2018 5:15

Instrument :

BNA_G

ClientSampled :

B20

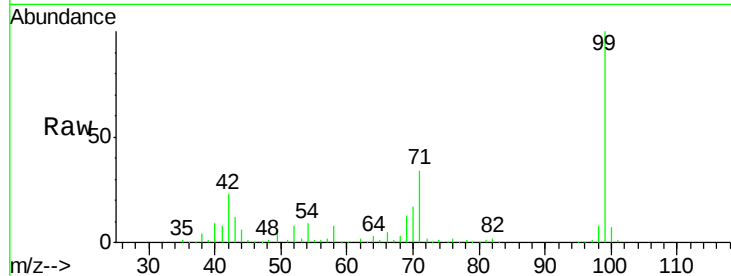
Tot Ion: 99 Resp: 666730

Ion Ratio Lower Upper

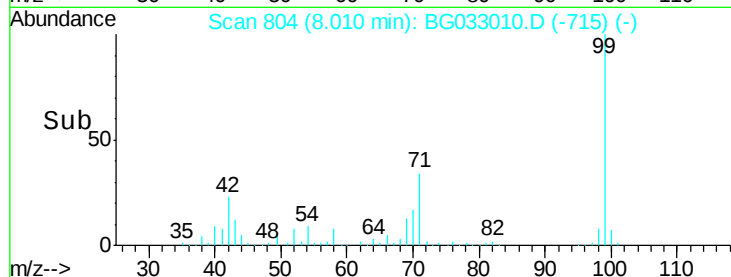
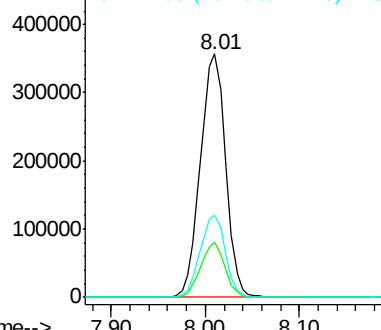
99 100

42 22.6 14.1 21.1#

71 33.8 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: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG033010.D

Acq: 6 Mar 2018 5:15

Tgt Ion: 136 Resp: 275275

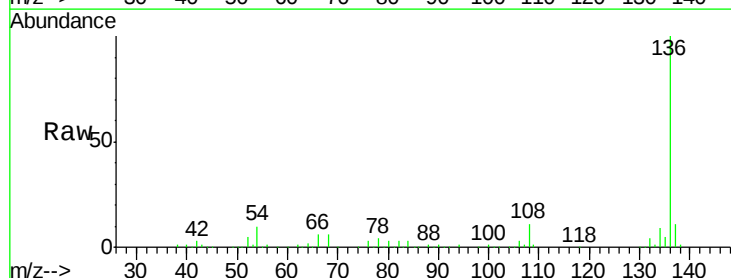
Ion Ratio Lower Upper

136 100

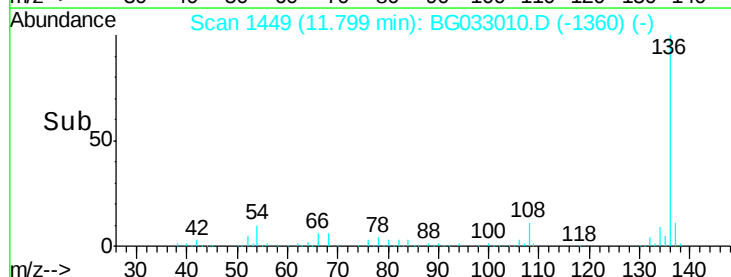
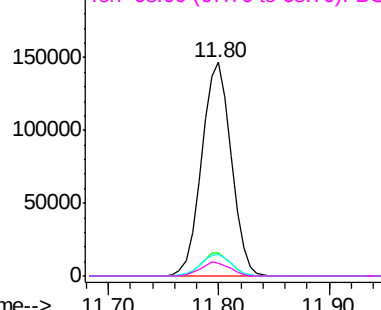
137 11.0 9.2 13.8

54 10.2 10.3 15.5#

68 6.3 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

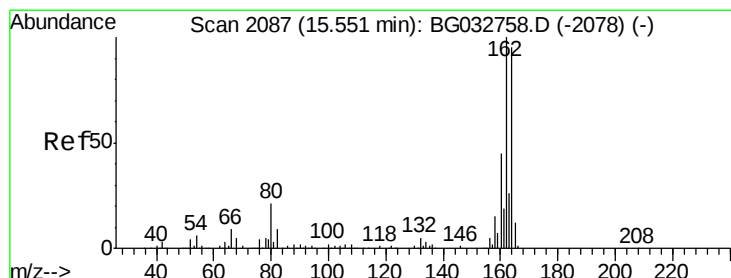
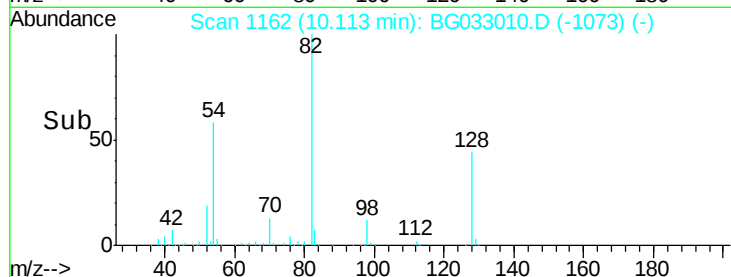
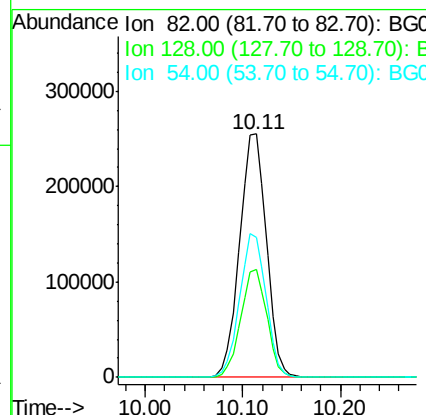
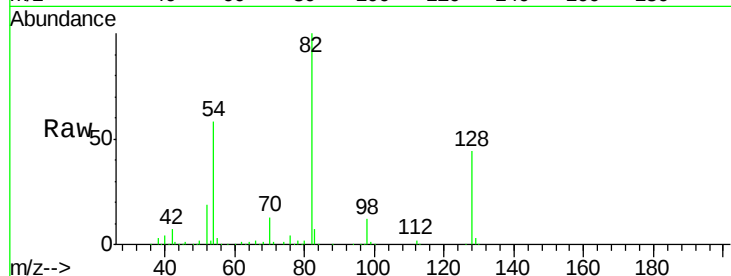




#23
 Nitrobenzene-d5
 Concen: 118.698 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG033010.D
 Acq: 6 Mar 2018 5:15

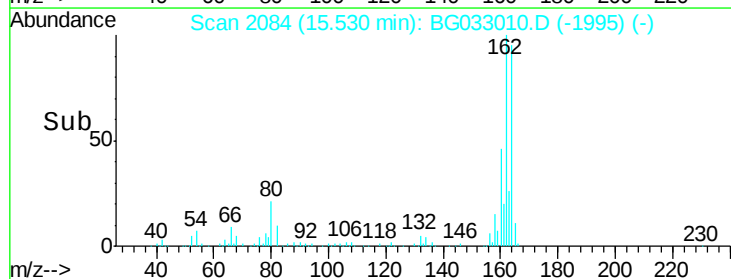
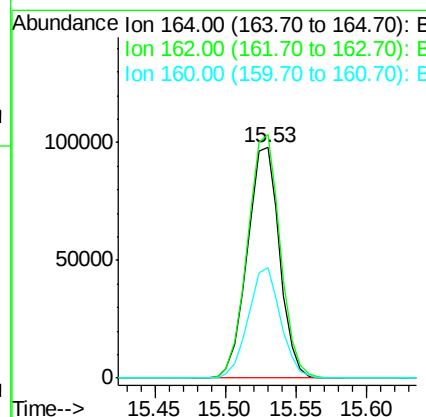
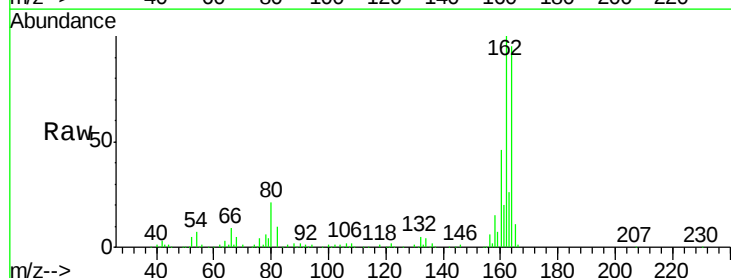
Instrument :
 BNA_G
 ClientSampleId :
 B20

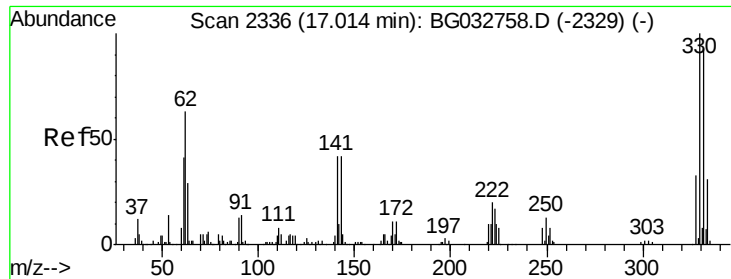
Tot Ion	82	Resp	488495
Ion Ratio	Lower	Upper	
82	100		
128	44.2	29.7	44.5
54	57.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG033010.D
 Acq: 6 Mar 2018 5:15

Tgt Ion	164	Resp	157203
Ion Ratio	Lower	Upper	
164	100		
162	105.6	78.8	118.2
160	48.1	35.4	53.0

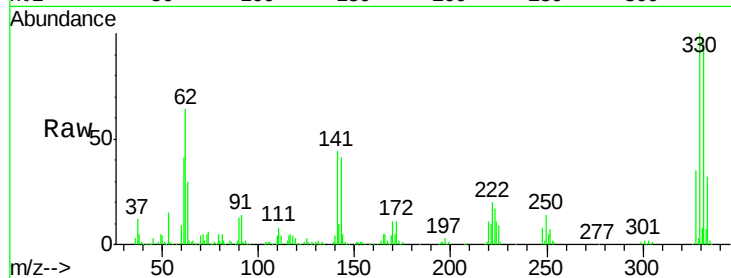




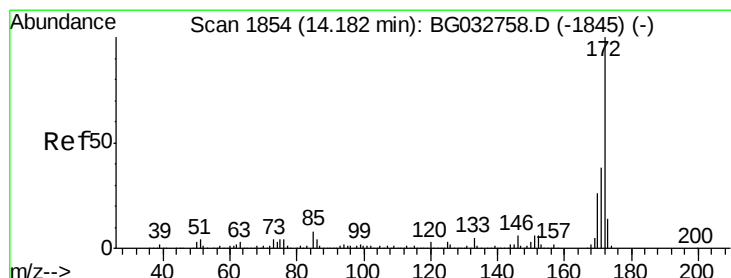
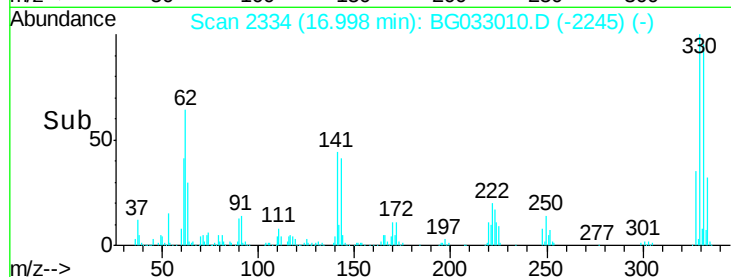
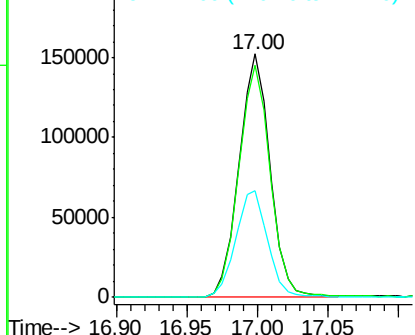
#41
 2,4,6-Tribromophenol
 Concen: 141.836 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG033010.D
 Acq: 6 Mar 2018 5:15

Instrument :
 BNA_G
 ClientSampleId :
 B20

Tot Ion:330 Resp: 234445
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 45.3 25.2 37.8#

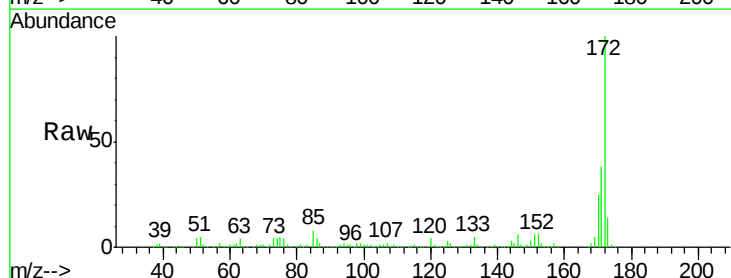


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

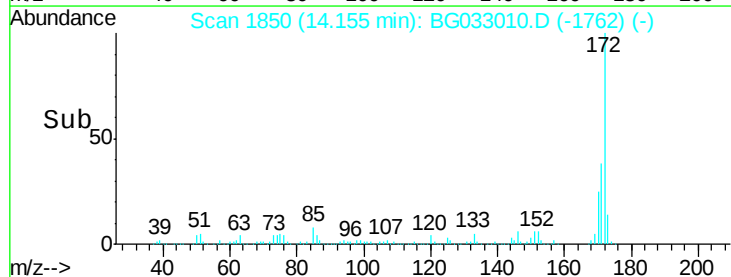
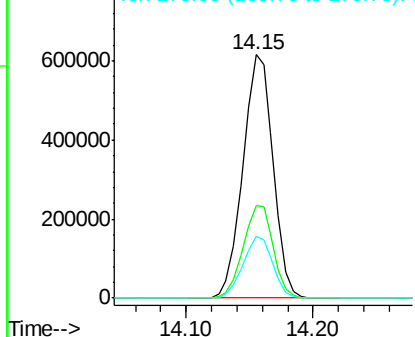


#44
 2-Fluorobiphenyl
 Concen: 92.871 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG033010.D
 Acq: 6 Mar 2018 5:15

Tgt Ion:172 Resp: 1012273
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.2 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: 18.26 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BG033010.D

Acq: 6 Mar 2018 5:15

Instrument :

BNA_G

ClientSampleId :

B20

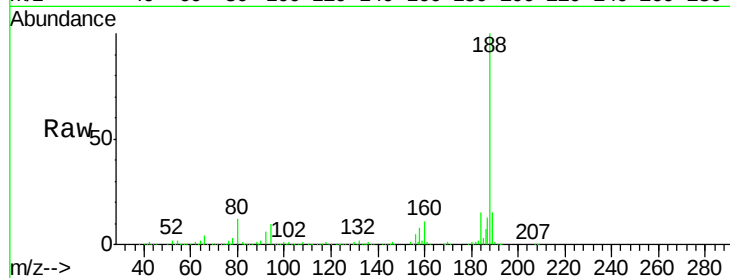
Tot Ion:188 Resp: 360259

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

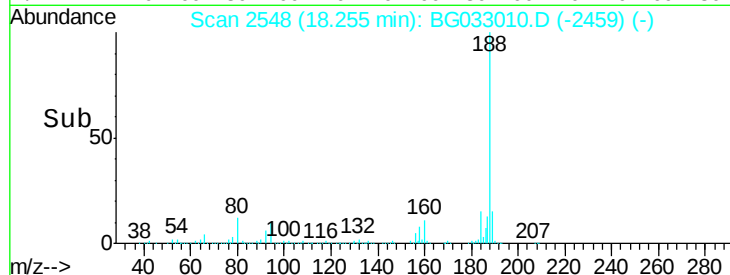
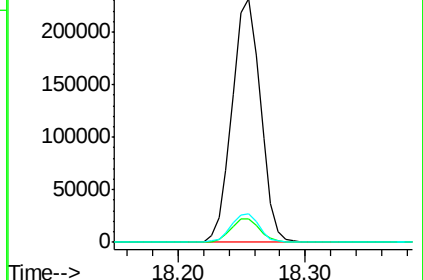
80 11.8 7.7 11.5#



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: 22.61 min Scan# 3289

Delta R.T. -0.01 min

Lab File: BG033010.D

Acq: 6 Mar 2018 5:15

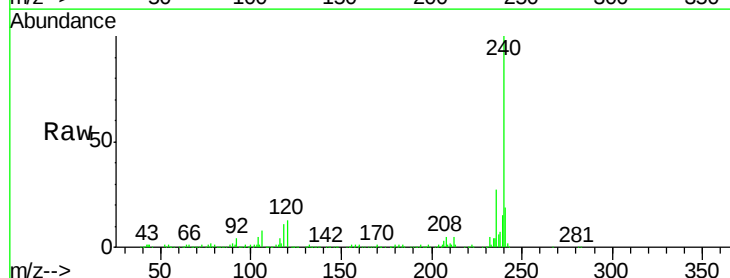
Tgt Ion:240 Resp: 327371

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

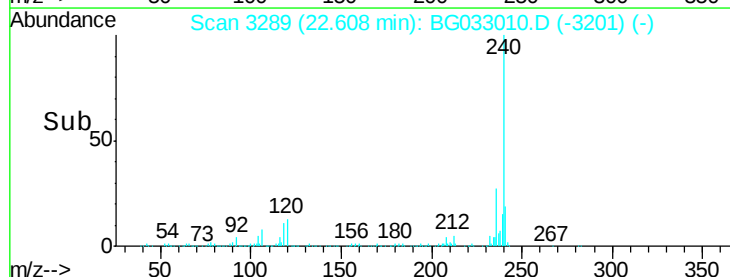
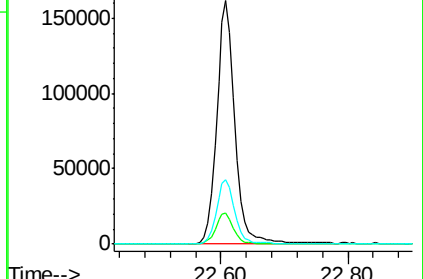
236 26.7 20.9 31.3



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: 102.101 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG033010.D

Acq: 6 Mar 2018 5:15

Instrument :

BNA_G

ClientSampled :

B20

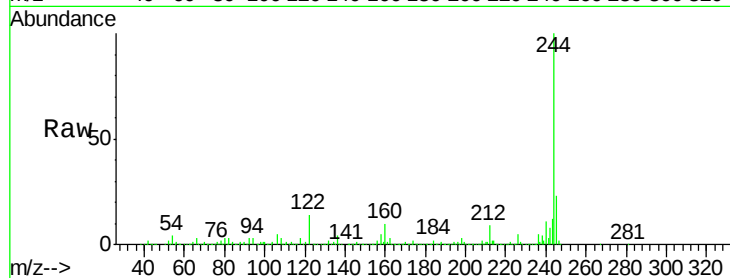
Tot Ion:244 Resp: 1487709

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

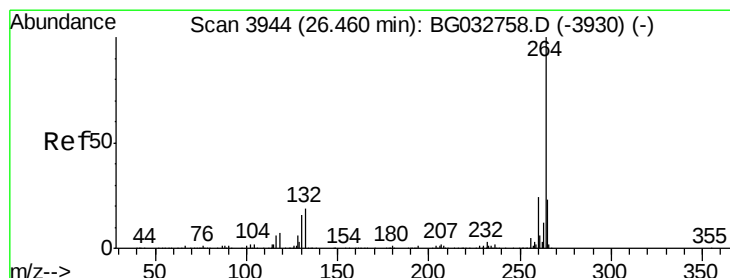
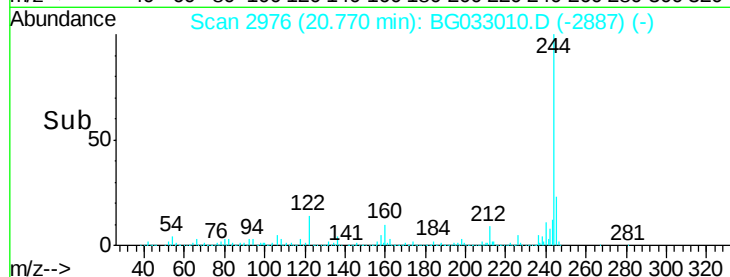
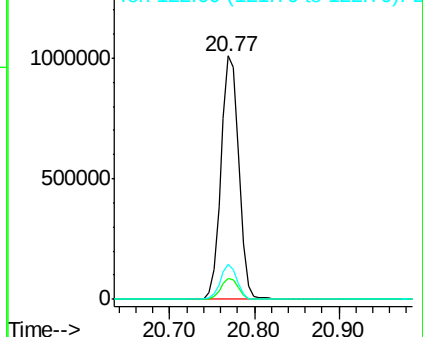
122 14.4 7.0 10.4#



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: 26.41 min Scan# 3936

Delta R.T. -0.02 min

Lab File: BG033010.D

Acq: 6 Mar 2018 5:15

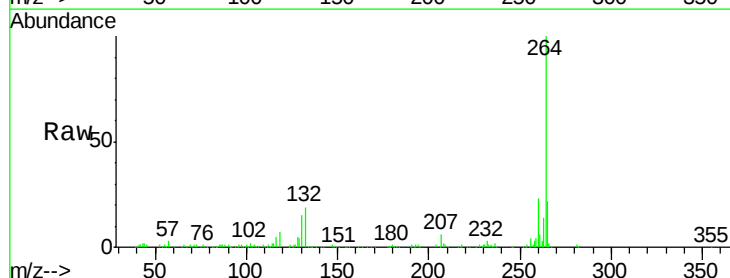
Tgt Ion:264 Resp: 315502

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 22.4 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

