

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033358.D
 Acq On : 27 Mar 2018 9:02
 Operator : SJ/JU
 Sample : J2050-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-MH-C

Quant Time: Mar 27 10:57:14 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	40735	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	157801	20.00	ng	-0.04
38) Acenaphthene-d10	15.48	164	124867	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	345492	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	376931	20.00	ng	-0.04
86) Perylene-d12	26.32	264	399892	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	224449	103.32	ng	-0.02
7) Phenol-d6	7.97	99	293421	78.61	ng	-0.03
23) Nitrobenzene-d5	10.07	82	242414	70.58	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	200166	107.18	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	609517	70.47	ng	-0.02
78) Terphenyl-d14	20.73	244	1230613	69.82	ng	-0.03

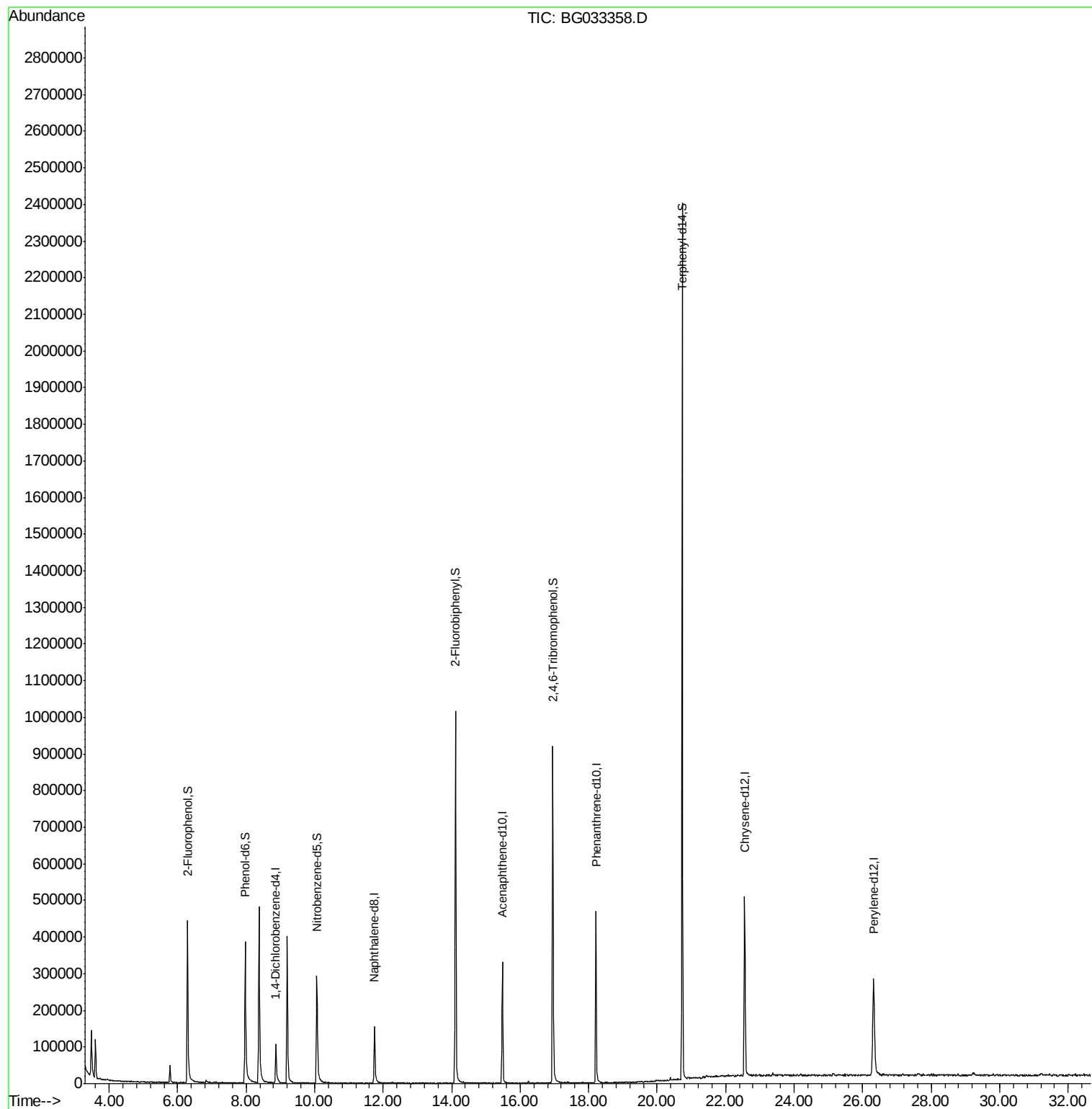
Target Compounds	Qvalue
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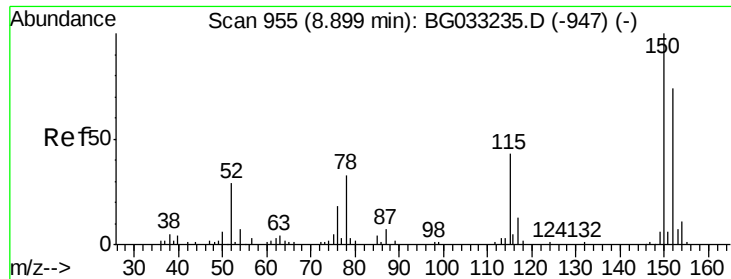
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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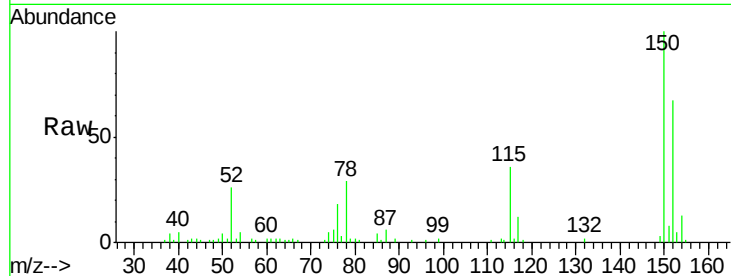




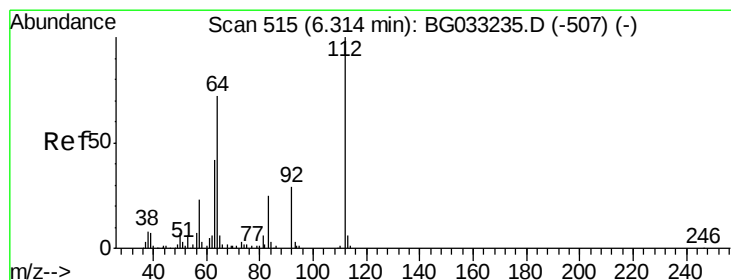
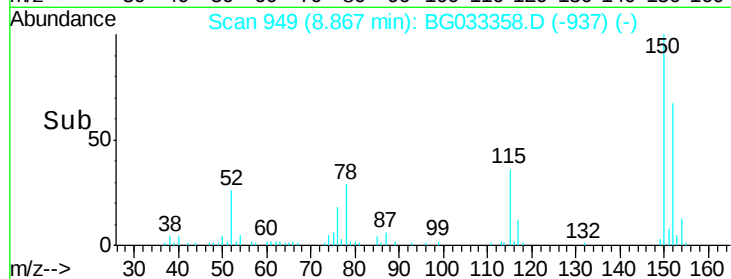
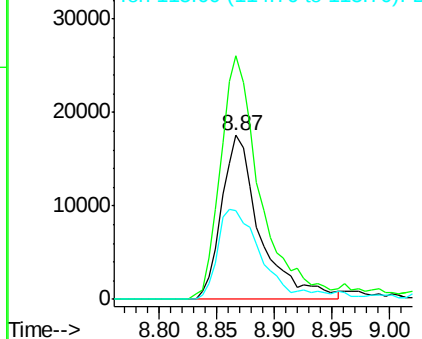
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BG033358.D
 Acq: 27 Mar 2018 9:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-MH-C

Tgt Ion:152 Resp: 40735
 Ion Ratio Lower Upper
 152 100
 150 148.3 126.6 189.8
 115 53.8 53.0 79.4

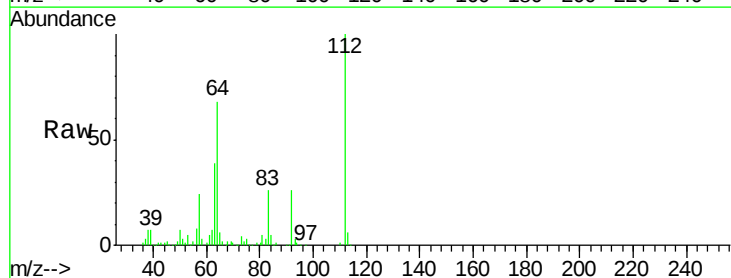


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

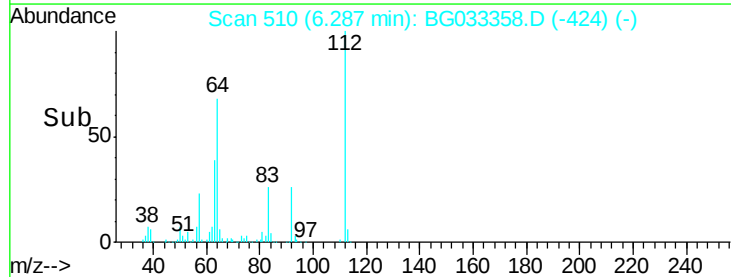
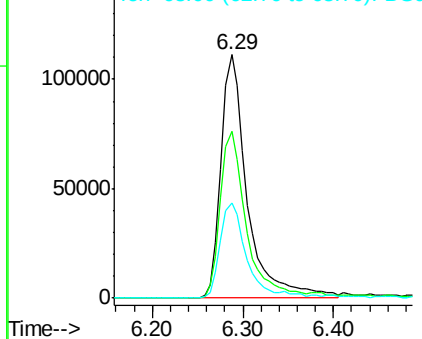


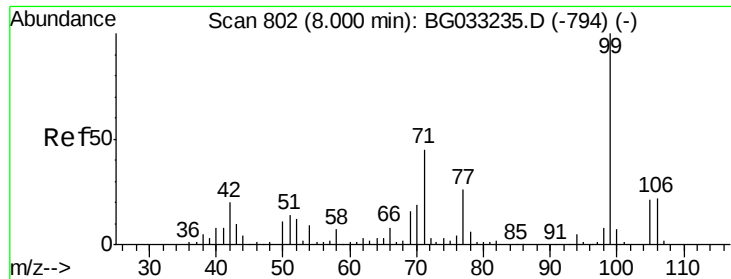
#5
 2-Fluorophenol
 Concen: 103.319 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BG033358.D
 Acq: 27 Mar 2018 9:02

Tgt Ion:112 Resp: 224449
 Ion Ratio Lower Upper
 112 100
 64 68.5 56.3 84.5
 63 38.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 78.610 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.03 min

Lab File: BG033358.D

Acq: 27 Mar 2018 9:02

Instrument :

BNA_G

ClientSampleId :

TP-2-MH-C

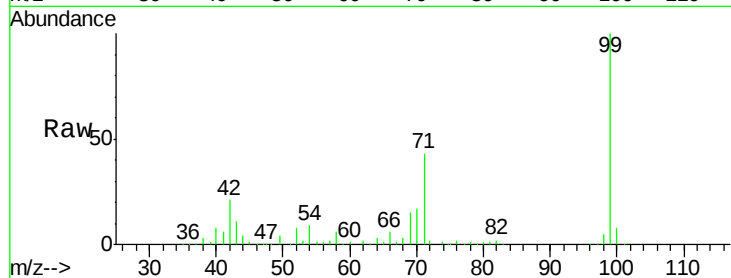
Tgt Ion: 99 Resp: 293421

Ion Ratio Lower Upper

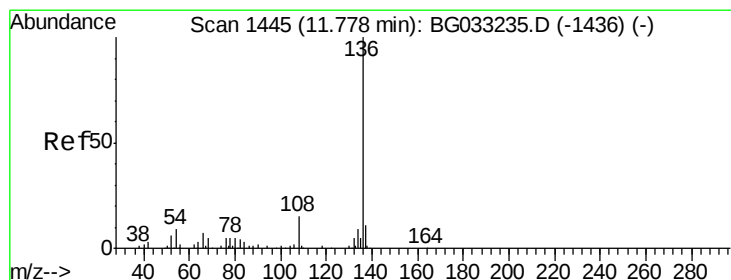
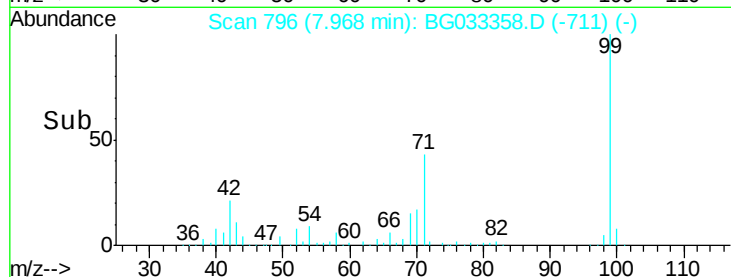
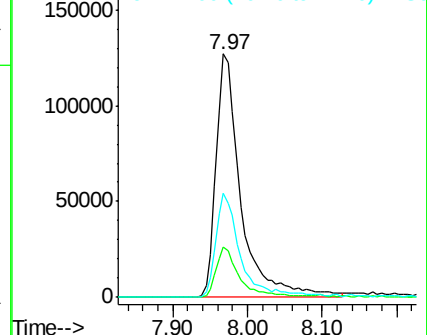
99 100

42 20.6 14.1 21.1

71 42.6 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: 11.75 min Scan# 1439

Delta R.T. -0.04 min

Lab File: BG033358.D

Acq: 27 Mar 2018 9:02

Tgt Ion: 136 Resp: 157801

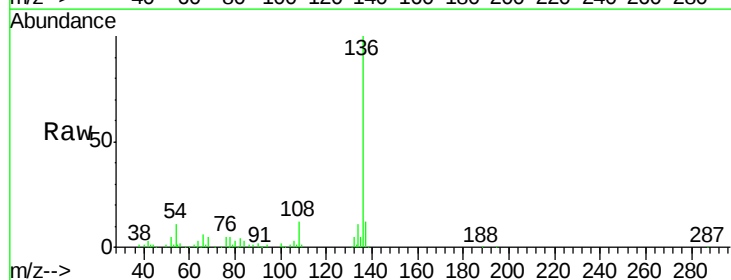
Ion Ratio Lower Upper

136 100

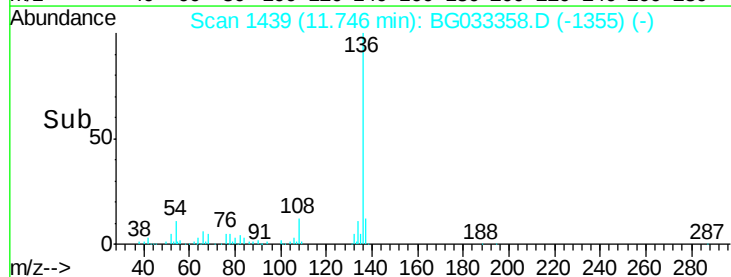
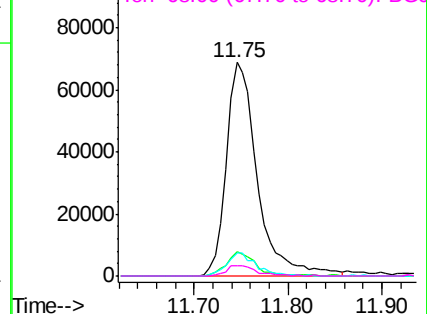
137 11.6 9.2 13.8

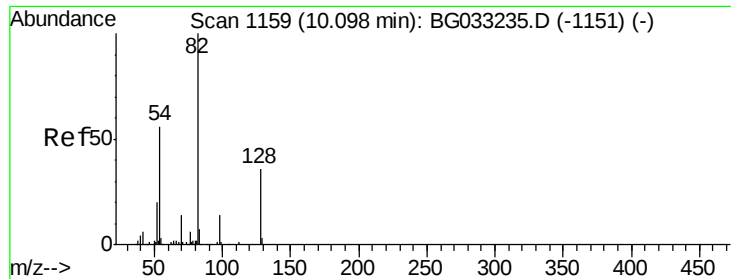
54 11.0 10.3 15.5

68 4.8 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: 70.579 ng

RT: 10.07 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033358.D

Acq: 27 Mar 2018 9:02

Instrument :

BNA_G

ClientSampleId :

TP-2-MH-C

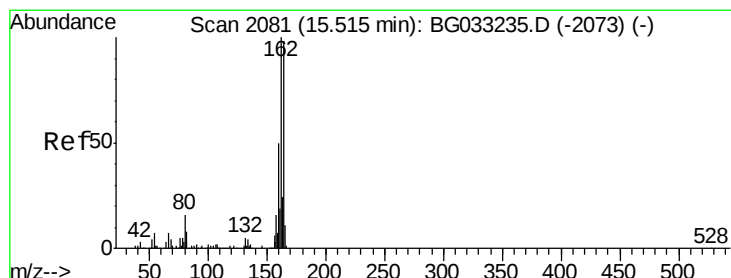
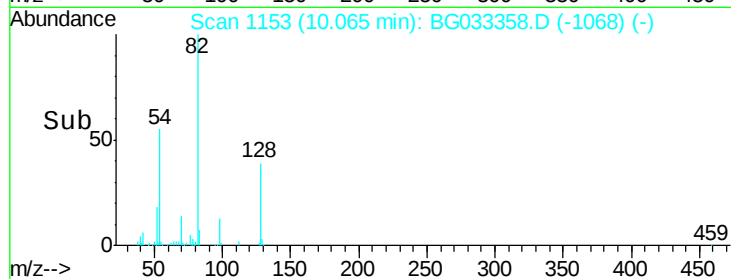
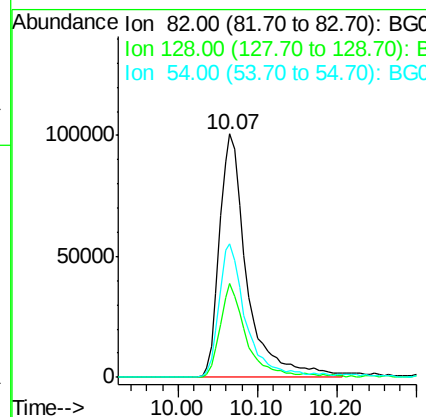
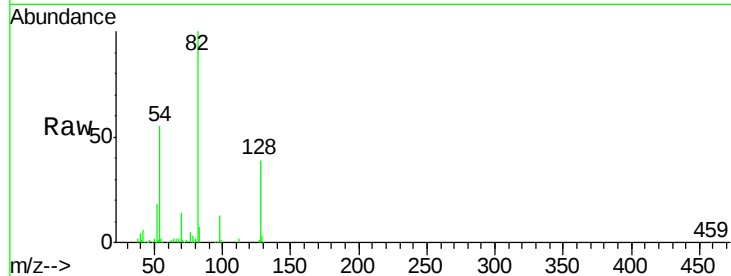
Tgt Ion: 82 Resp: 242414

Ion Ratio Lower Upper

82 100

128 38.5 29.7 44.5

54 54.8 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033358.D

Acq: 27 Mar 2018 9:02

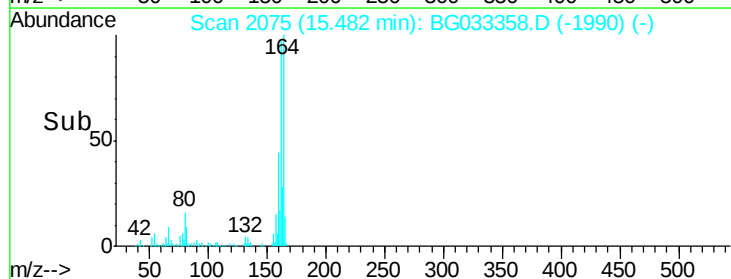
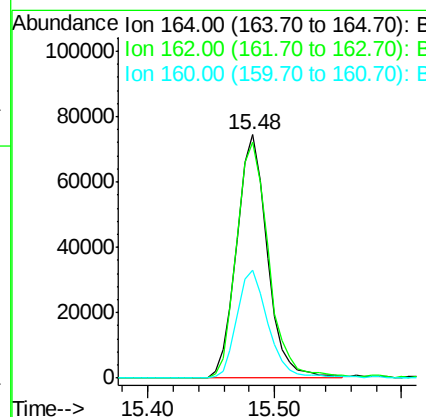
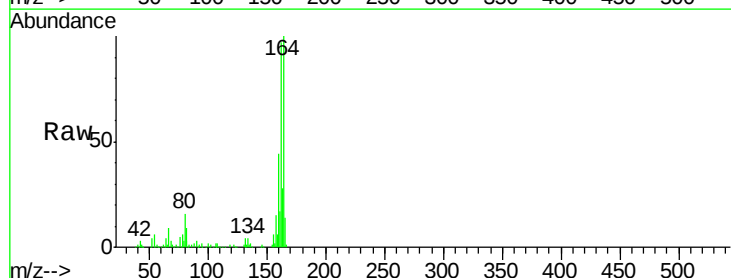
Tgt Ion: 164 Resp: 124867

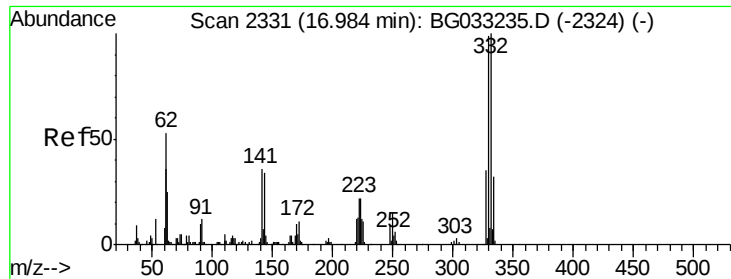
Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

160 44.4 35.4 53.0

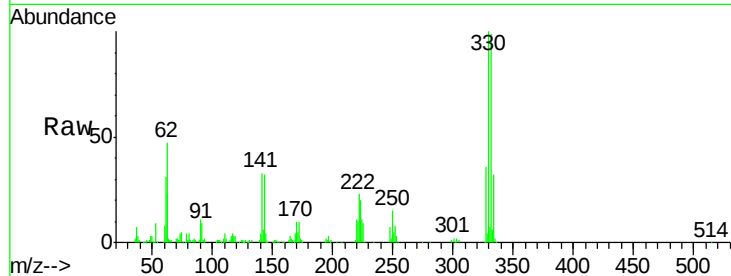




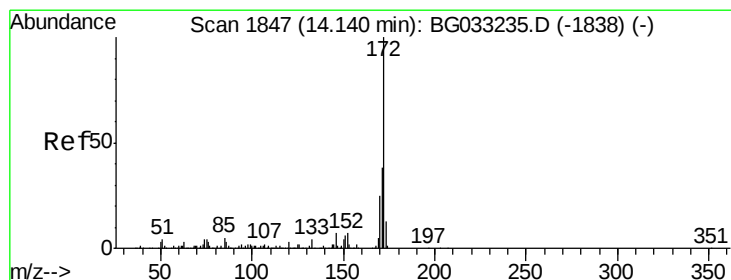
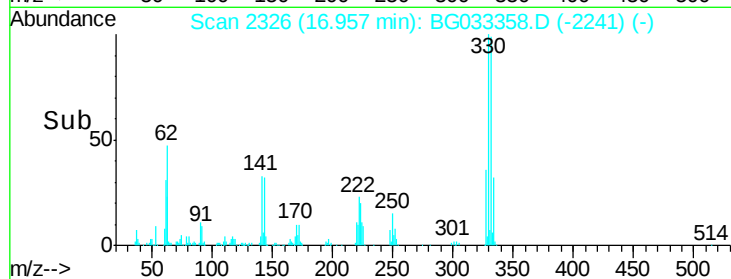
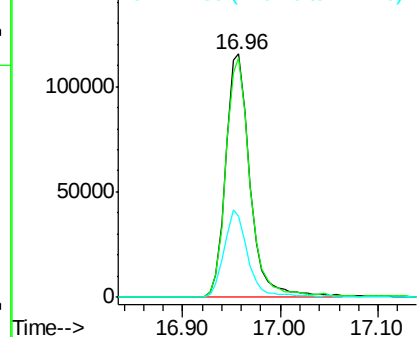
#41
 2,4,6-Tribromophenol
 Concen: 107.182 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033358.D
 Acq: 27 Mar 2018 9:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-MH-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	34.9	25.2	37.8

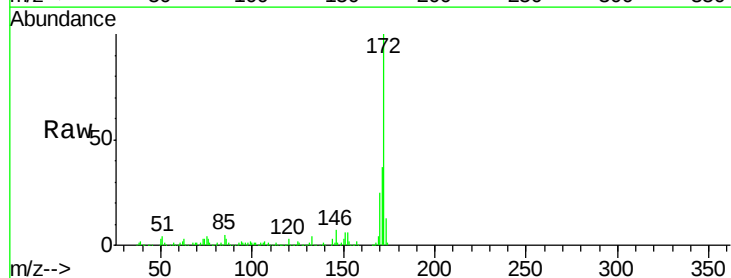


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

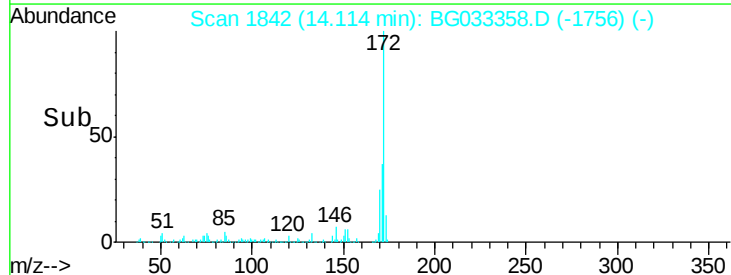
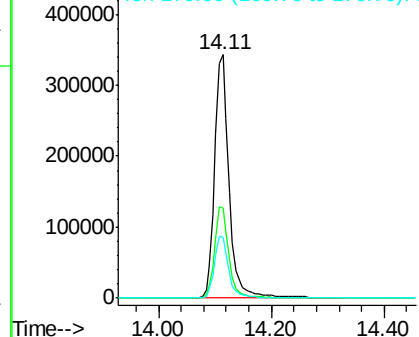


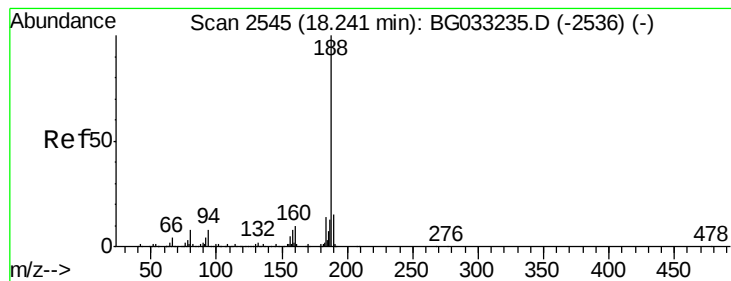
#44
 2-Fluorobiphenyl
 Concen: 70.469 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033358.D
 Acq: 27 Mar 2018 9:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.9	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. -0.02 min

Lab File: BG033358.D

Acq: 27 Mar 2018 9:02

Instrument :

BNA_G

ClientSampleId :

TP-2-MH-C

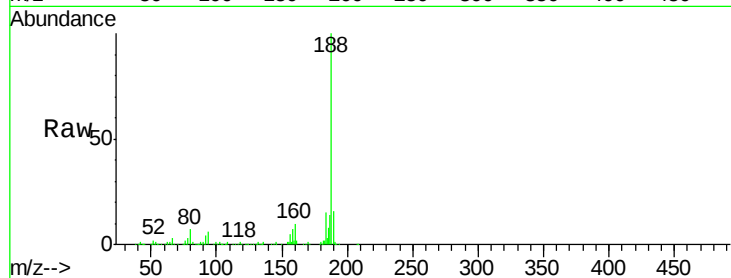
Tgt Ion:188 Resp: 345492

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

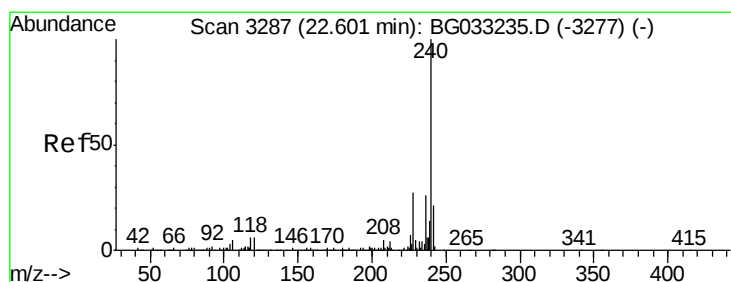
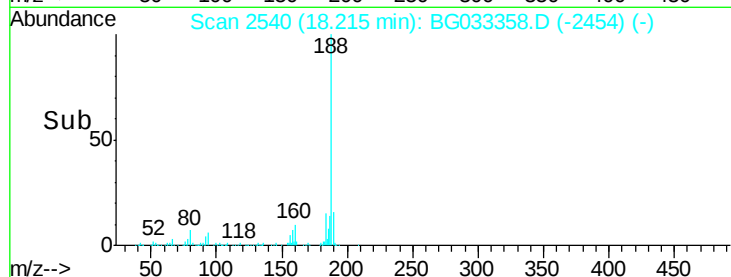
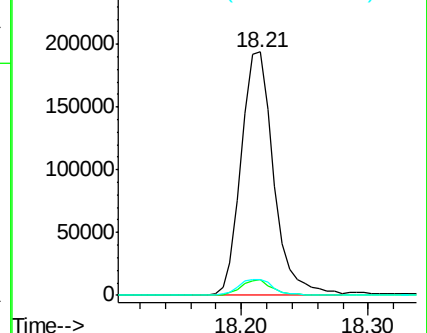
80 6.7 7.7 11.5#



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: 22.56 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BG033358.D

Acq: 27 Mar 2018 9:02

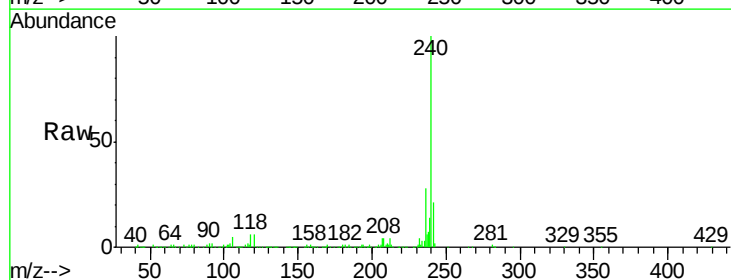
Tgt Ion:240 Resp: 376931

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

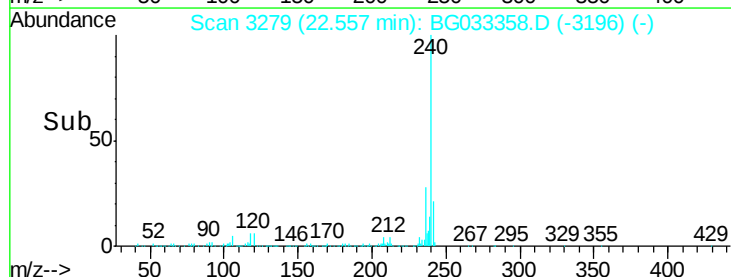
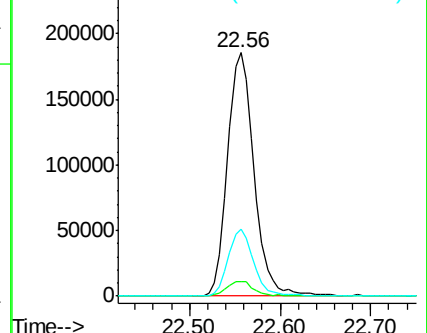
236 27.7 20.9 31.3

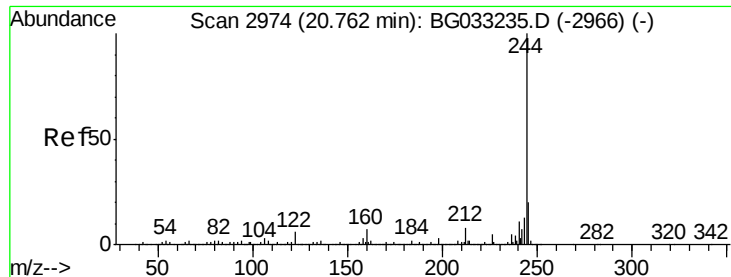


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

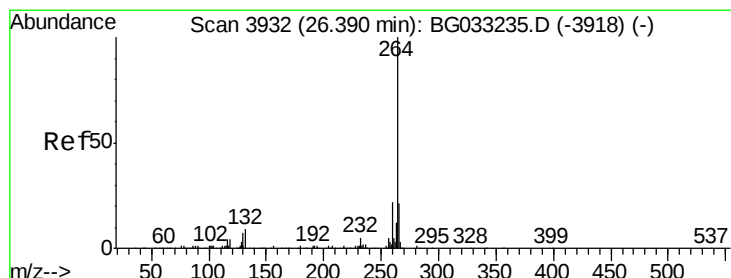
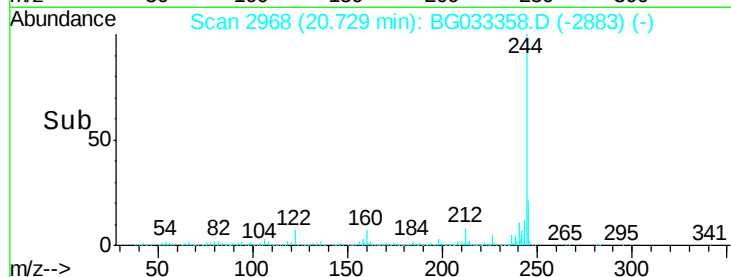
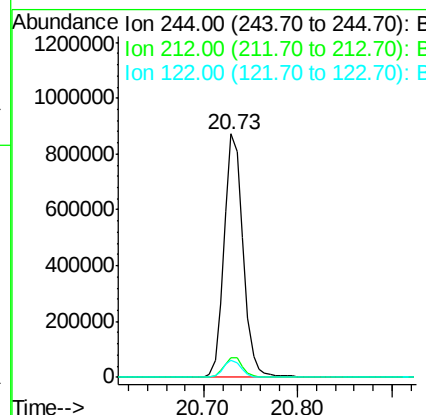
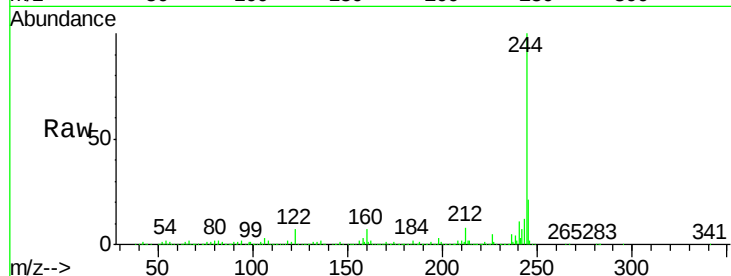




#78
 Terphenyl-d14
 Concen: 69.822 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.03 min
 Lab File: BG033358.D
 Acq: 27 Mar 2018 9:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-MH-C

Tgt Ion:244 Resp: 1230613
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 7.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.06 min
 Lab File: BG033358.D
 Acq: 27 Mar 2018 9:02

Tgt Ion:264 Resp: 399892
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.4 26.0
 265 21.5 17.7 26.5

