

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033461.D
 Acq On : 30 Mar 2018 23:17
 Operator : SJ/JU
 Sample : J1760-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-032918

Quant Time: Mar 31 02:45:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32743	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	144224	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112931	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	340224	20.00	ng	0.00
75) Chrysene-d12	22.55	240	367883	20.00	ng	0.00
86) Perylene-d12	26.32	264	399774	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	285436	163.46	ng	0.00
7) Phenol-d6	7.98	99	381909	127.29	ng	0.00
23) Nitrobenzene-d5	10.06	82	321074	102.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	292751	173.33	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	784266	100.26	ng	0.00
78) Terphenyl-d14	20.73	244	1736172	100.93	ng	0.00

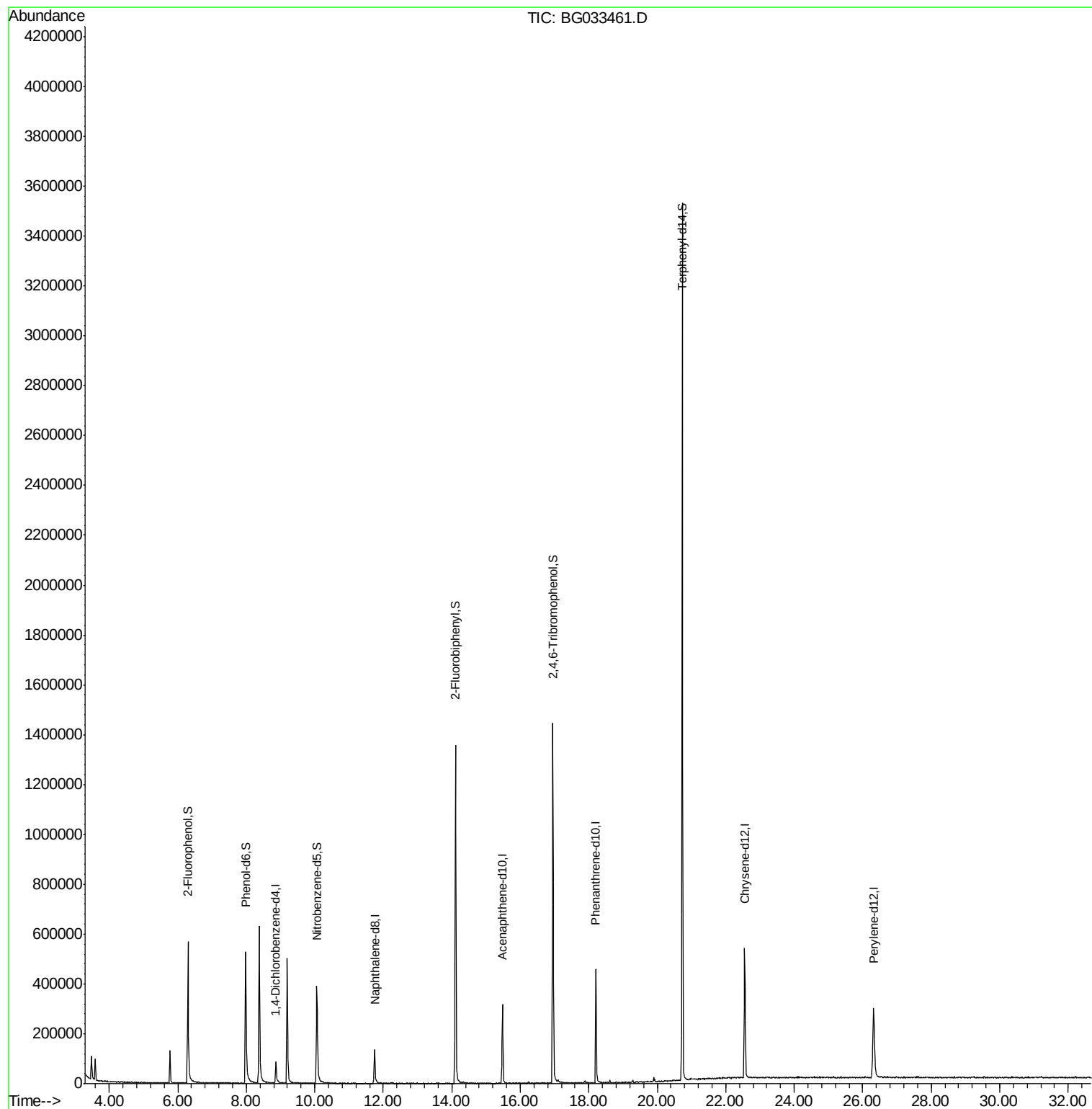
Target Compounds Qvalue

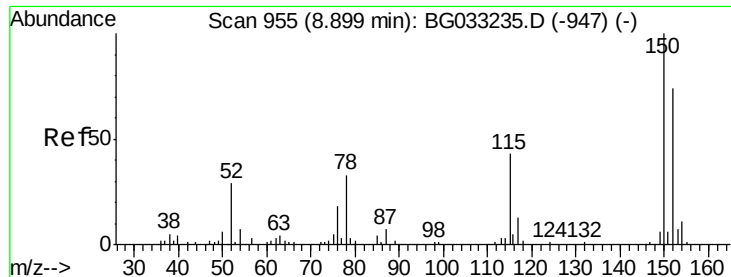
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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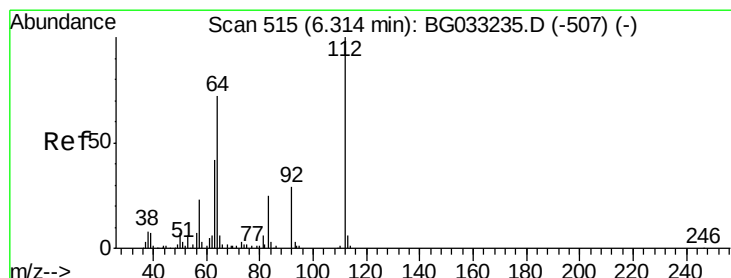
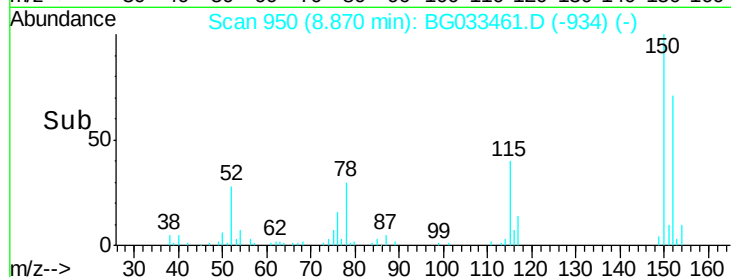
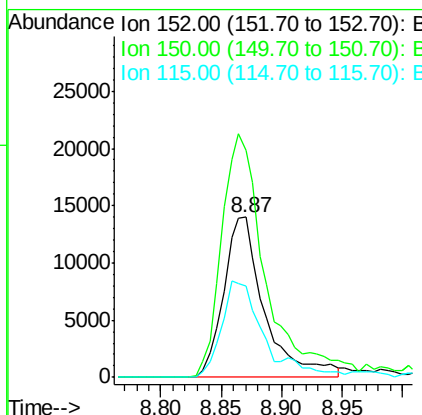
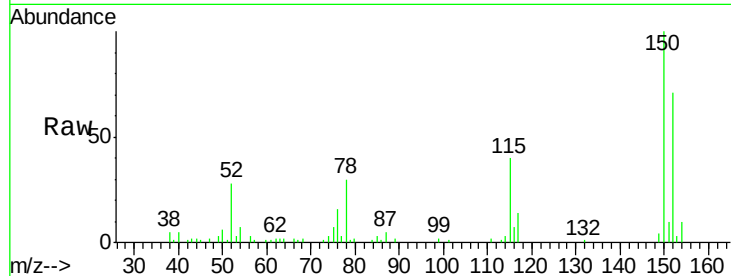


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

Instrument :
BNA_G
ClientSampleId :
SU-03-032918

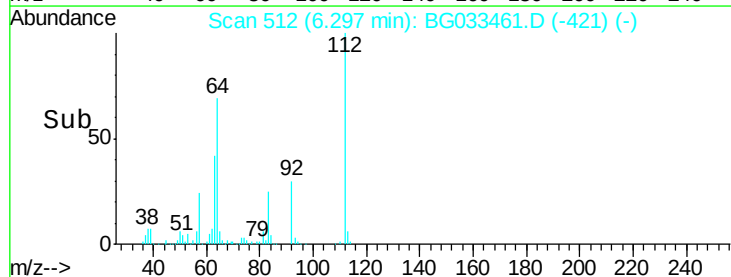
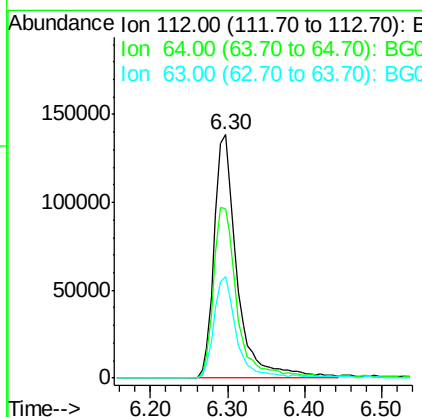
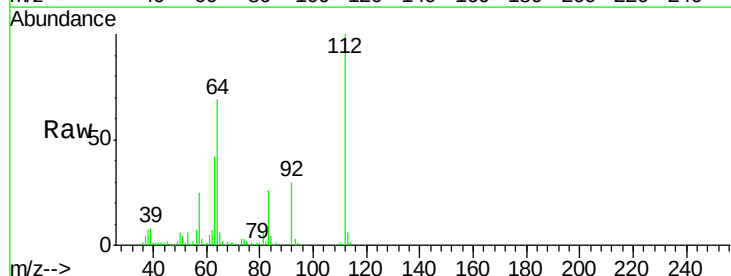
Tot Ion:152 Resp: 32743
Ion Ratio Lower Upper
152 100
150 141.6 126.6 189.8
115 56.9 53.0 79.4

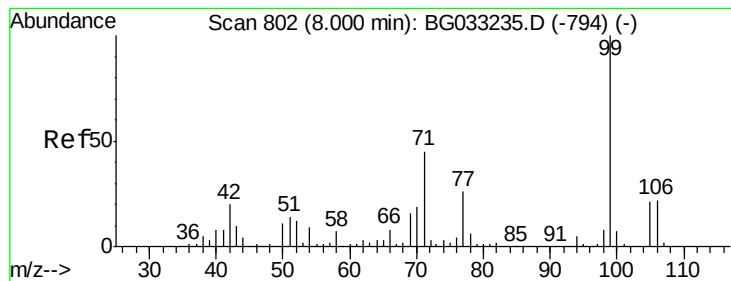


#5

2-Fluorophenol
Concen: 163.463 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033461.D
Acq: 30 Mar 2018 23:17

Tgt Ion:112 Resp: 285436
Ion Ratio Lower Upper
112 100
64 69.3 56.3 84.5
63 41.8 30.1 45.1





#7

Phenol-d6

Concen: 127.290 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033461.D

Acq: 30 Mar 2018 23:17

Instrument :

BNA_G

ClientSampleId :

SU-03-032918

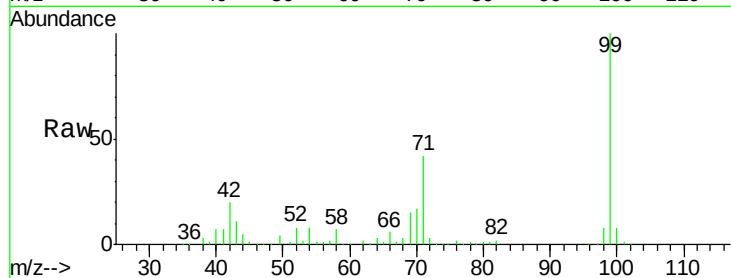
Tot Ion: 99 Resp: 381909

Ion Ratio Lower Upper

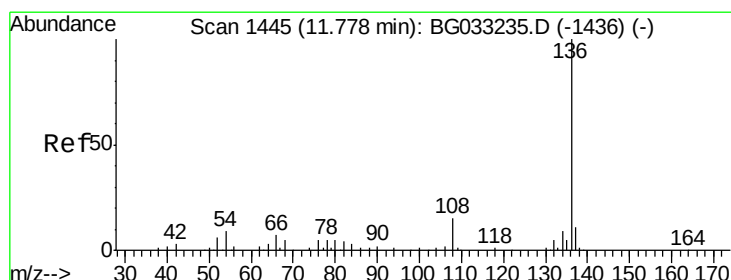
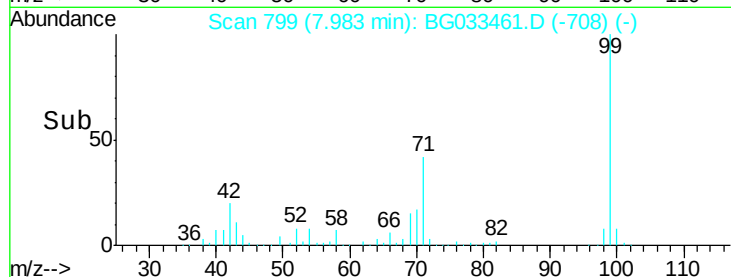
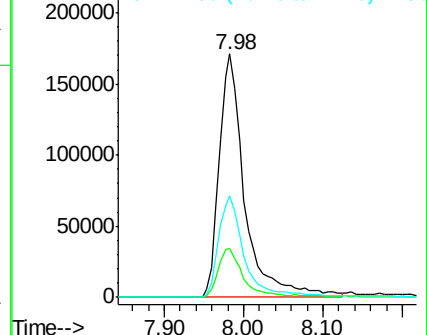
99 100

42 20.3 14.1 21.1

71 41.9 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# 1440

Delta R.T. -0.01 min

Lab File: BG033461.D

Acq: 30 Mar 2018 23:17

Tgt Ion: 136 Resp: 144224

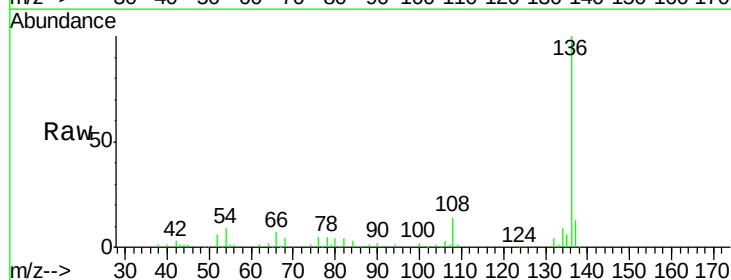
Ion Ratio Lower Upper

136 100

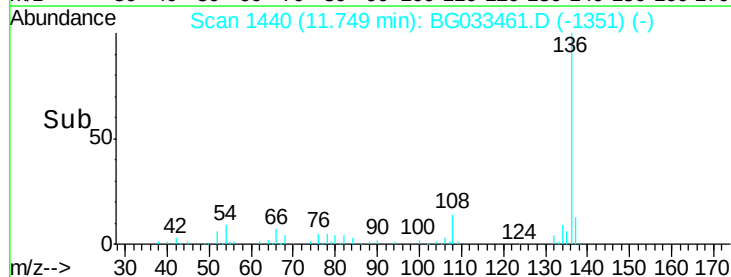
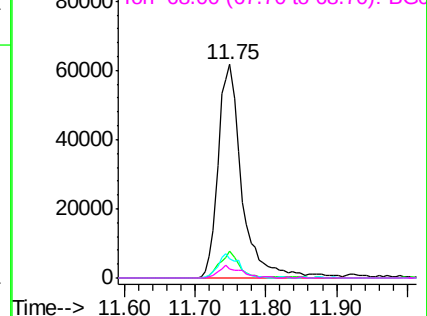
137 12.8 9.2 13.8

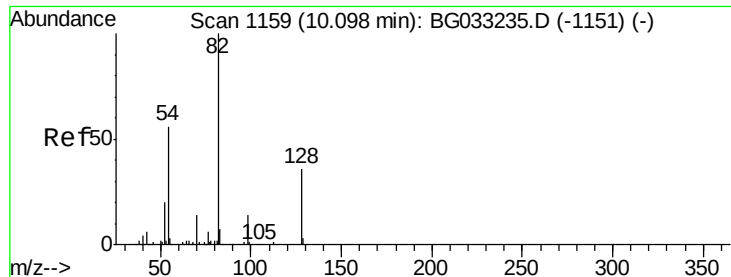
54 9.3 10.3 15.5#

68 4.3 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

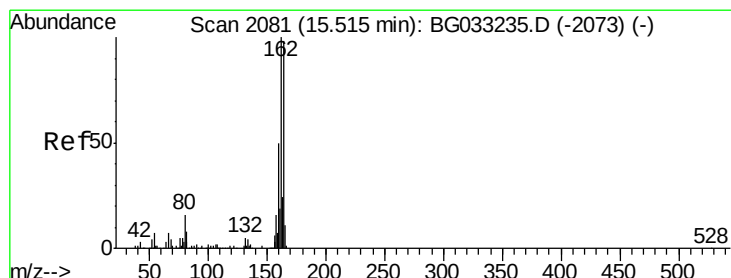
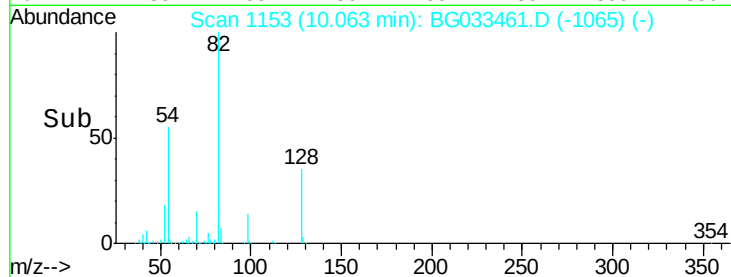
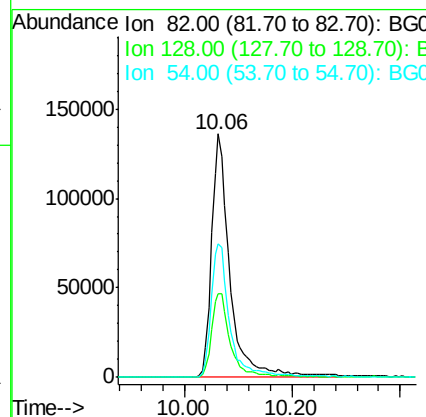
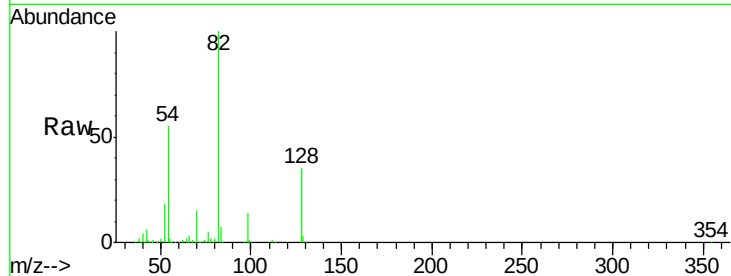




#23
 Nitrobenzene-d5
 Concen: 102.281 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

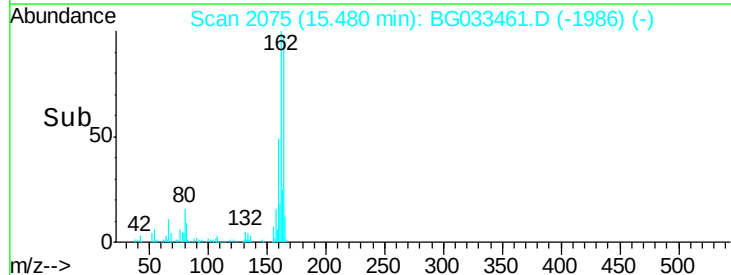
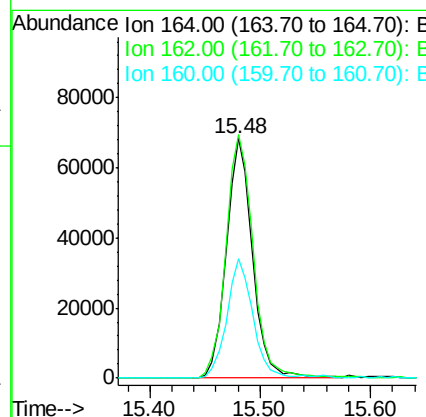
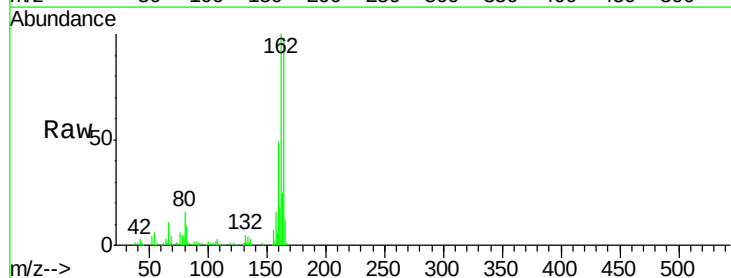
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-032918

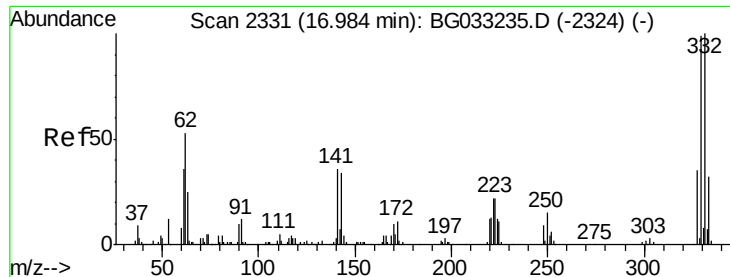
Tot Ion: 82 Resp: 321074
 Ion Ratio Lower Upper
 82 100
 128 34.5 29.7 44.5
 54 54.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Tgt Ion: 164 Resp: 112931
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 49.8 35.4 53.0

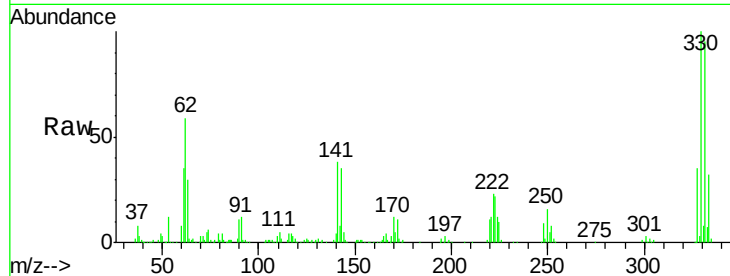




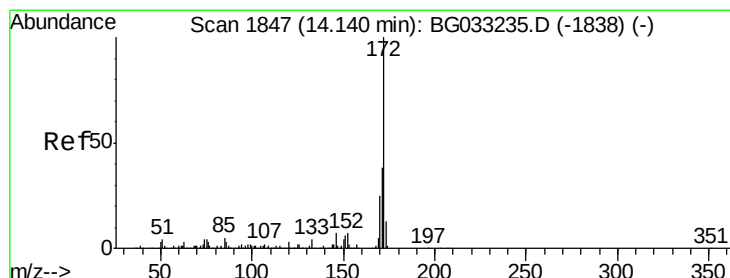
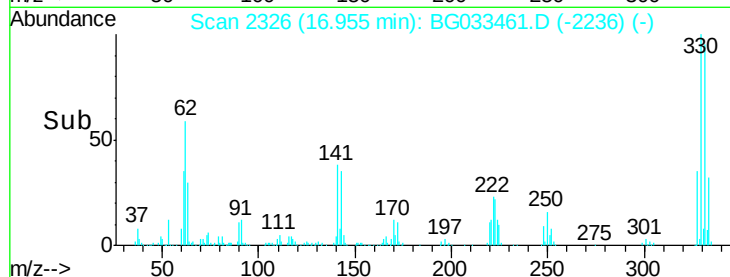
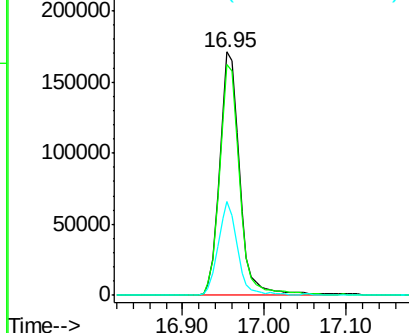
#41
 2,4,6-Tribromophenol
 Concen: 173.327 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-032918

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	37.2	25.2	37.8

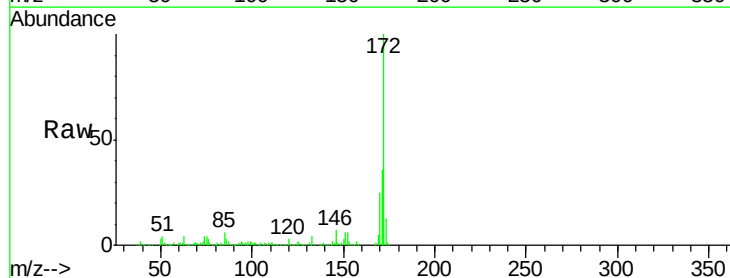


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

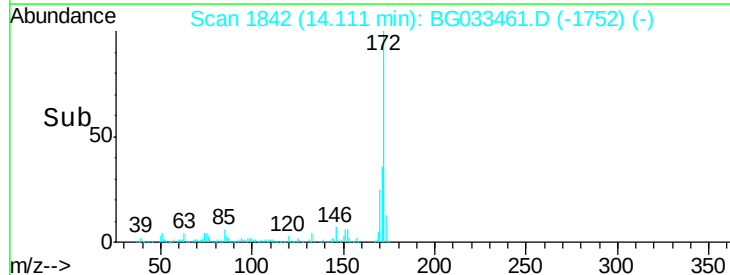
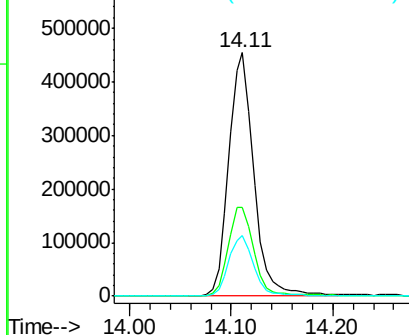


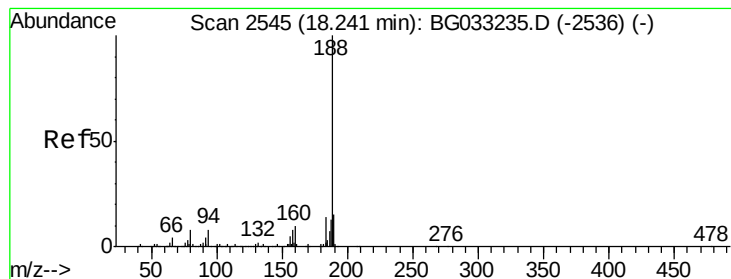
#44
 2-Fluorobiphenyl
 Concen: 100.255 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	25.0	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. -0.00 min

Lab File: BG033461.D

Acq: 30 Mar 2018 23:17

Instrument :

BNA_G

ClientSampleId :

SU-03-032918

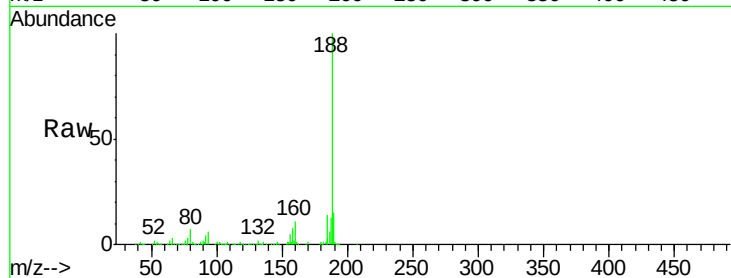
Tot Ion:188 Resp: 340224

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

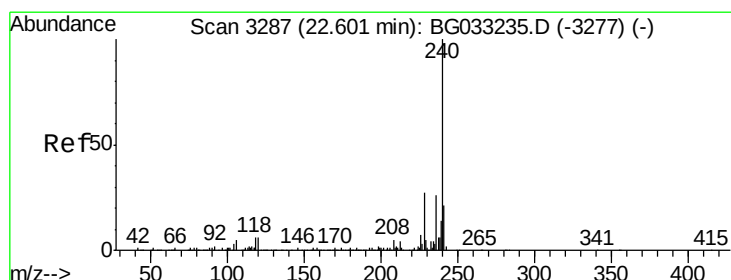
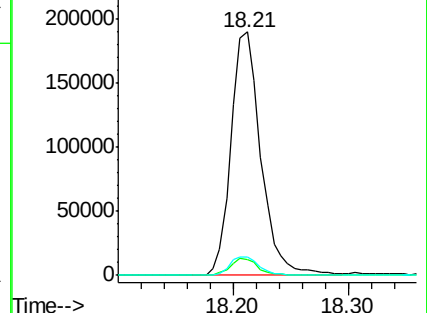
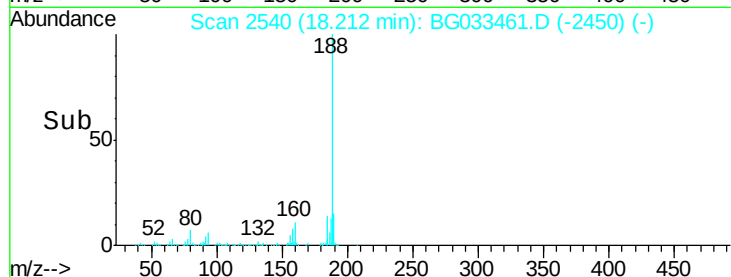
80 7.5 7.7 11.5#



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: BG033461.D

Acq: 30 Mar 2018 23:17

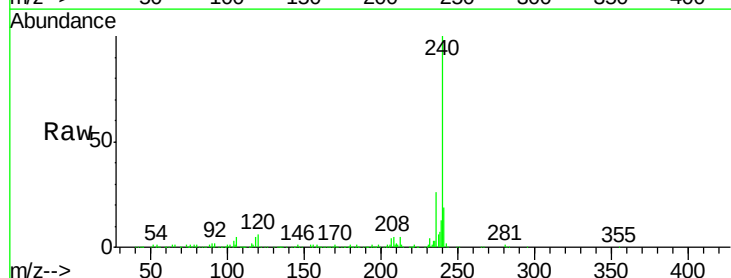
Tgt Ion:240 Resp: 367883

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

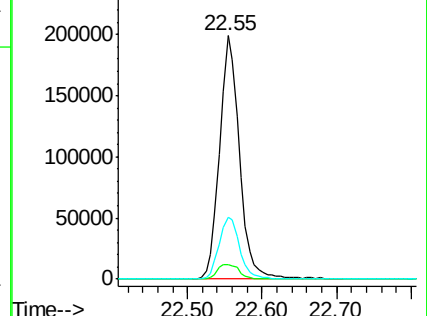
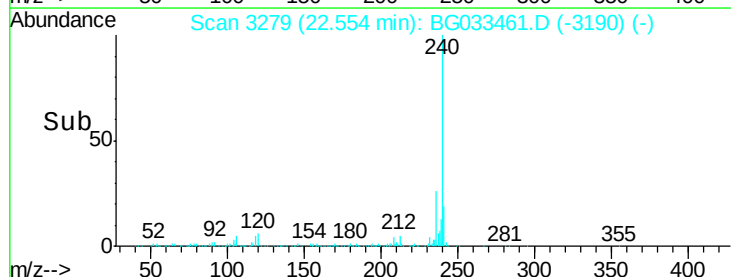
236 25.7 20.9 31.3

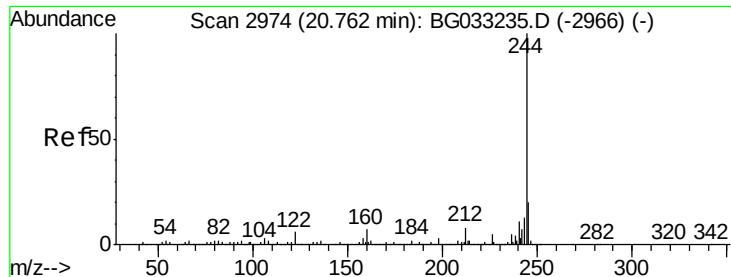


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

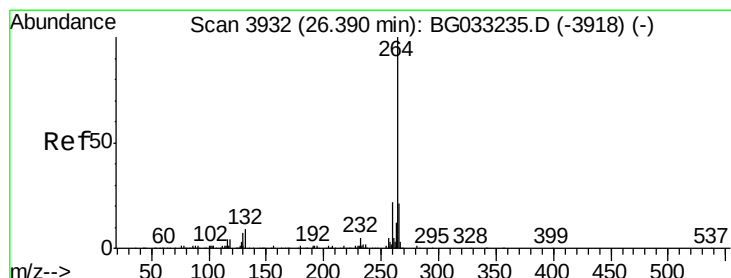
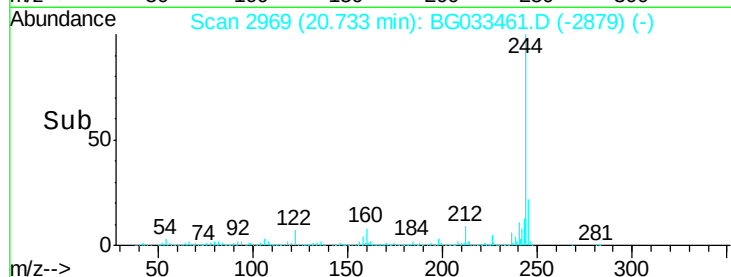
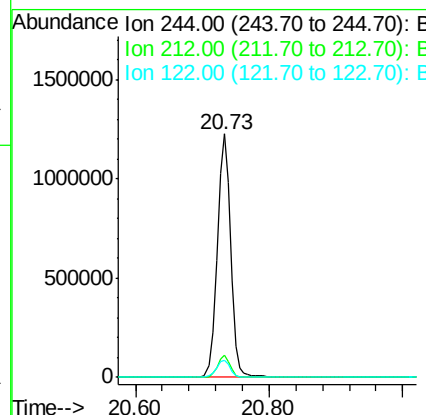
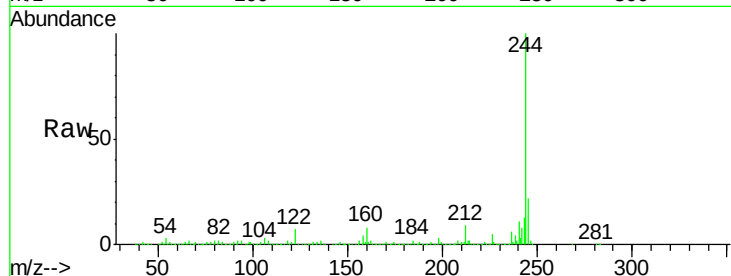




#78
 Terphenyl-d14
 Concen: 100.929 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-032918

Tot Ion:244 Resp: 1736172
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 7.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG033461.D
 Acq: 30 Mar 2018 23:17

Tgt Ion:264 Resp: 399774
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 21.0 17.7 26.5

