

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033670.D
 Acq On : 7 Apr 2018 19:19
 Operator : SJ/JU
 Sample : J2225-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETW-E-D-M

Quant Time: Apr 09 03:42:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

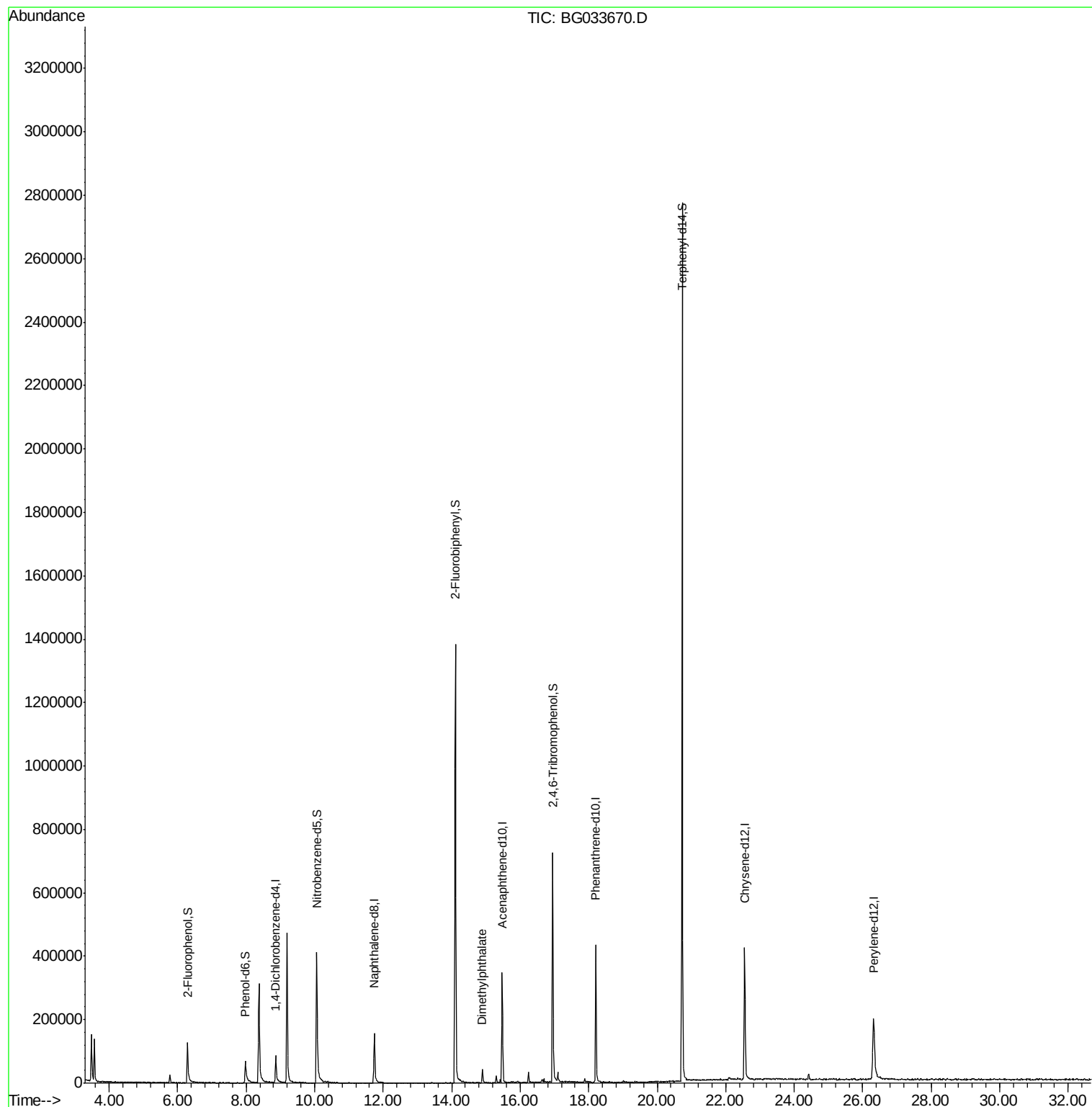
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32973	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158715	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	126839	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	310359	20.00	ng	0.00
75) Chrysene-d12	22.56	240	312783	20.00	ng	0.00
86) Perylene-d12	26.32	264	303201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	71369	40.59	ng	0.00
7) Phenol-d6	7.98	99	66732	22.09	ng	0.00
23) Nitrobenzene-d5	10.06	82	327360	94.76	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	141494	74.59	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	808558	92.03	ng	0.00
78) Terphenyl-d14	20.73	244	1435769	98.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.89	163	27694	2.509	ng	Qvalue # 96

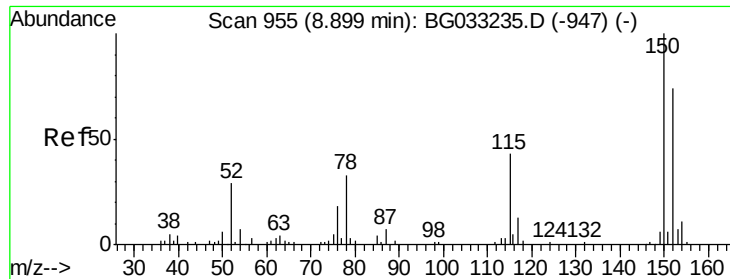
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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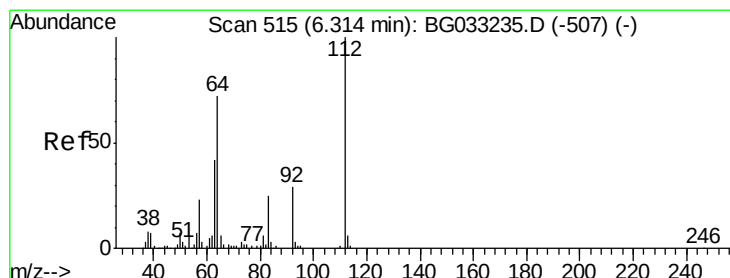
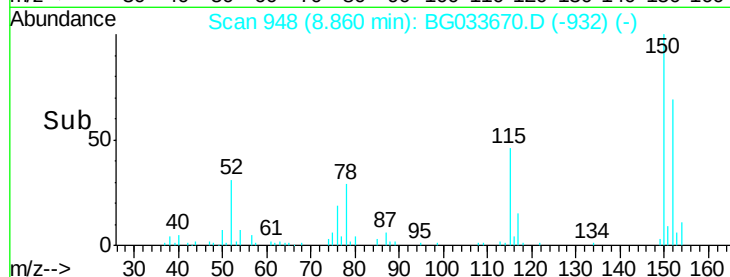
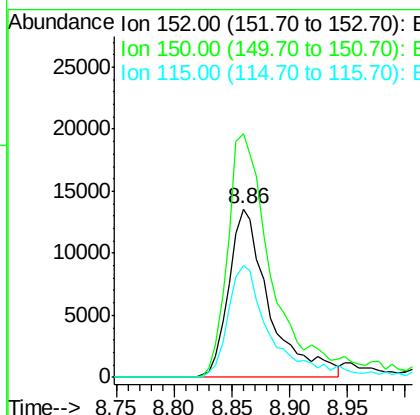
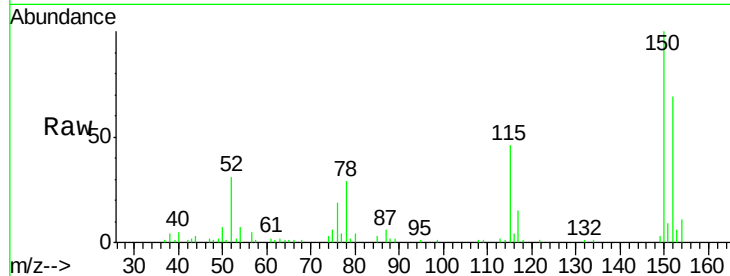


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033670.D
Acq: 7 Apr 2018 19:19

Instrument :
BNA_G
ClientSampleId :
040218-JETW-E-D-M

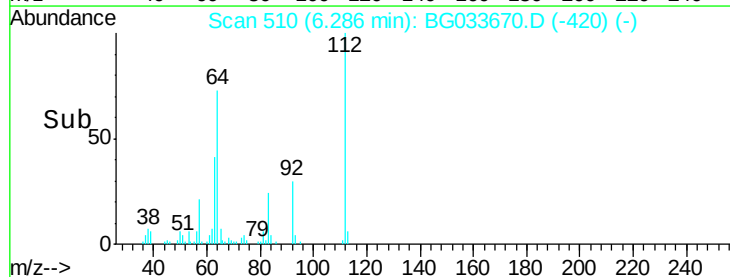
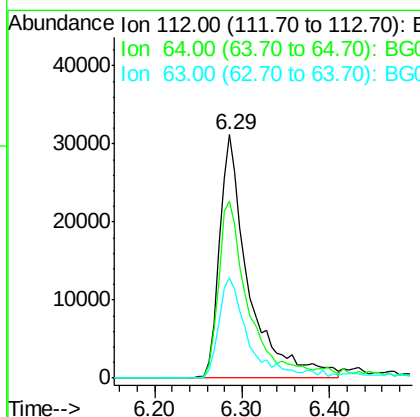
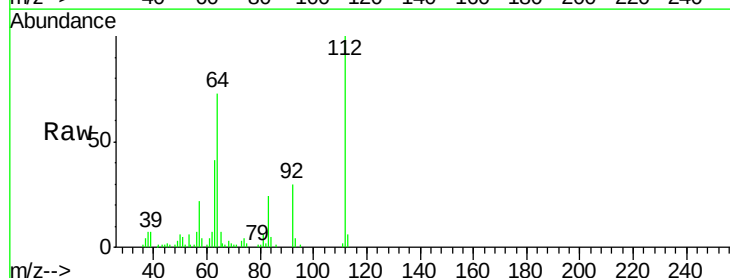
Tot Ion:152 Resp: 32973
Ion Ratio Lower Upper
152 100
150 144.8 126.6 189.8
115 66.4 53.0 79.4

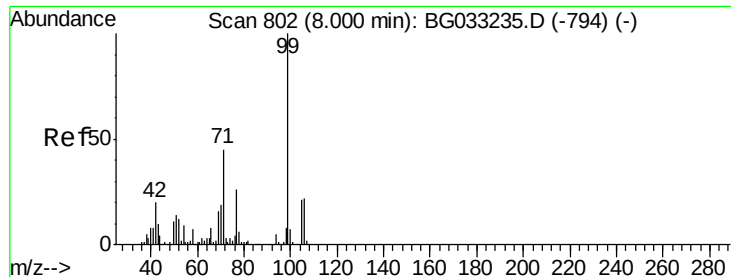


#5

2-Fluorophenol
Concen: 40.586 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033670.D
Acq: 7 Apr 2018 19:19

Tgt Ion:112 Resp: 71369
Ion Ratio Lower Upper
112 100
64 72.8 56.3 84.5
63 41.2 30.1 45.1





#7

Phenol-d6

Concen: 22.087 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033670.D

Acq: 7 Apr 2018 19:19

Instrument :

BNA_G

ClientSampleId :

040218-JETW-E-D-M

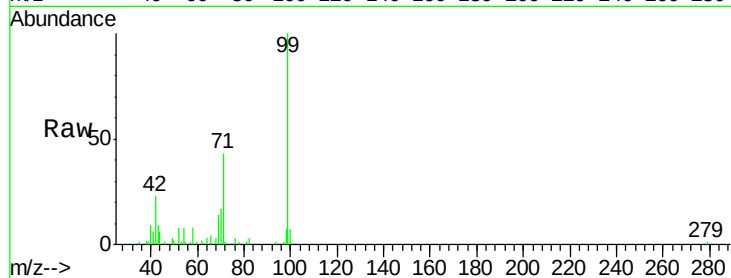
Tot Ion: 99 Resp: 66732

Ion Ratio Lower Upper

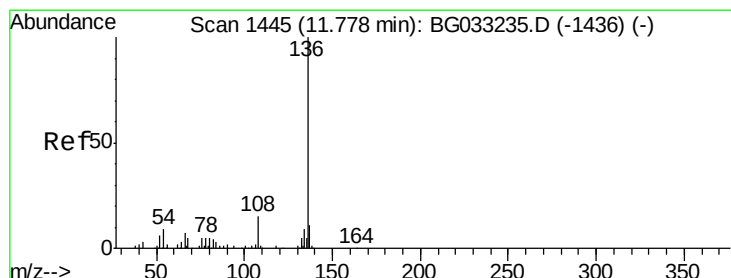
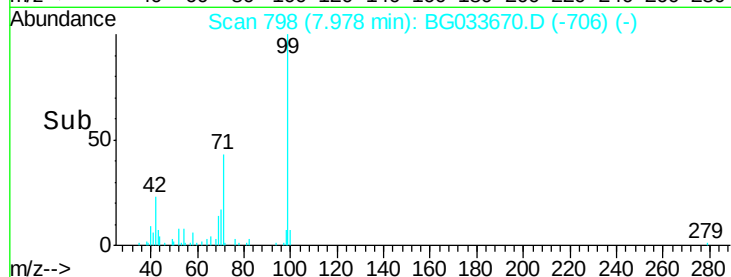
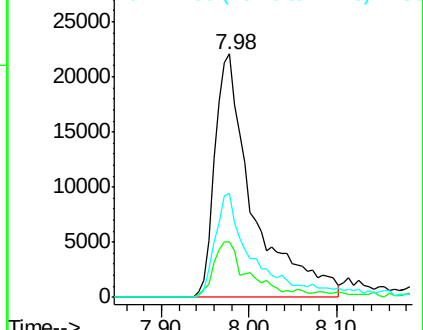
99 100

42 23.0 14.1 21.1#

71 42.7 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: 11.74 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BG033670.D

Acq: 7 Apr 2018 19:19

Tgt Ion: 136 Resp: 158715

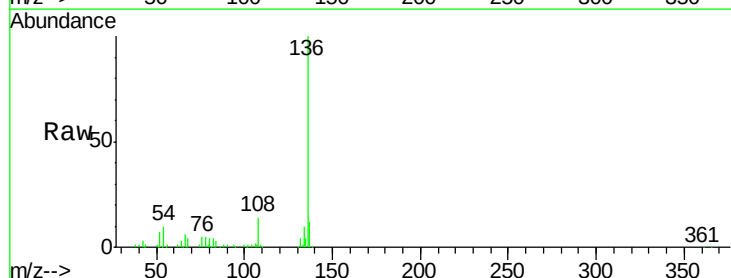
Ion Ratio Lower Upper

136 100

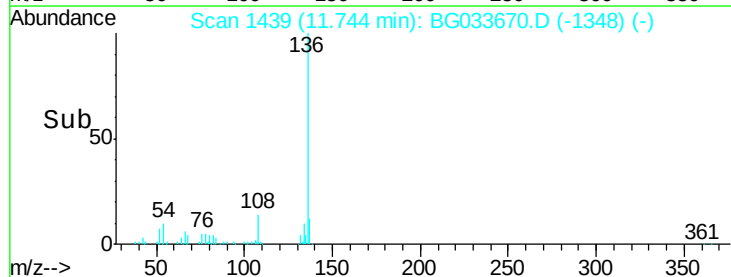
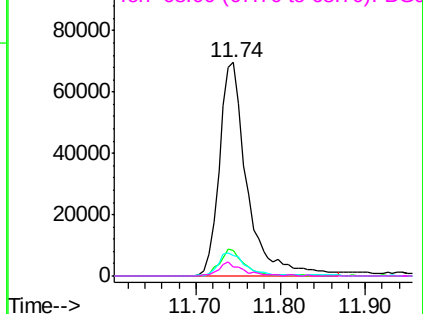
137 11.8 9.2 13.8

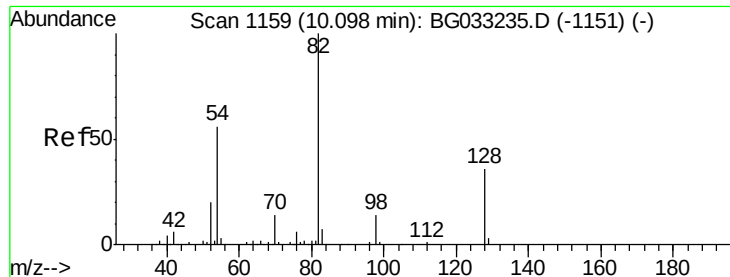
54 9.7 10.3 15.5#

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

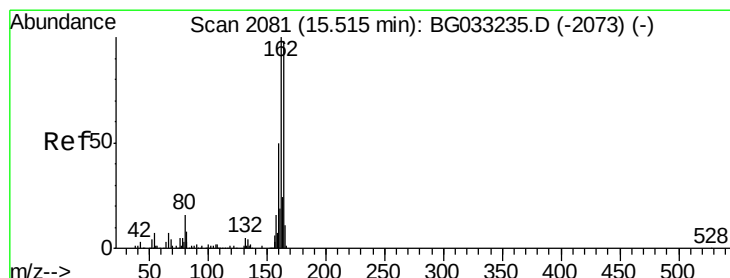
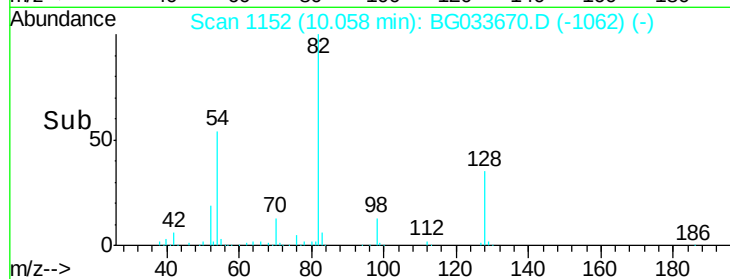
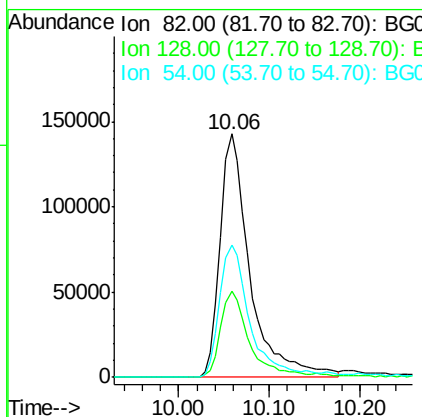
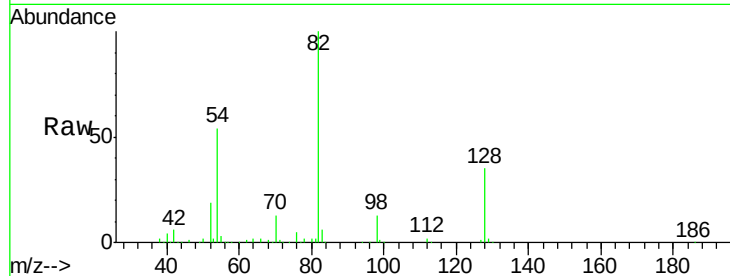




#23
 Nitrobenzene-d5
 Concen: 94.763 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

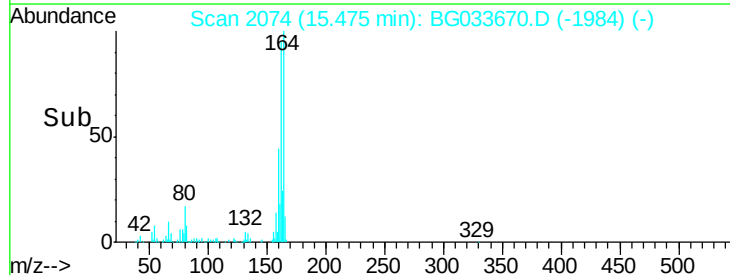
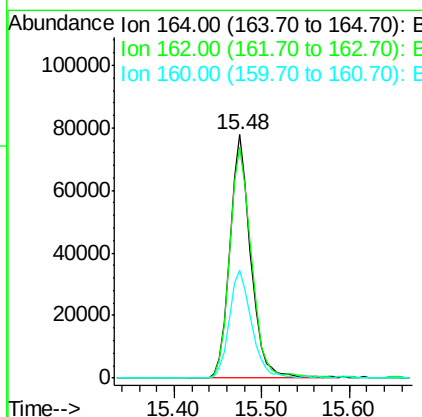
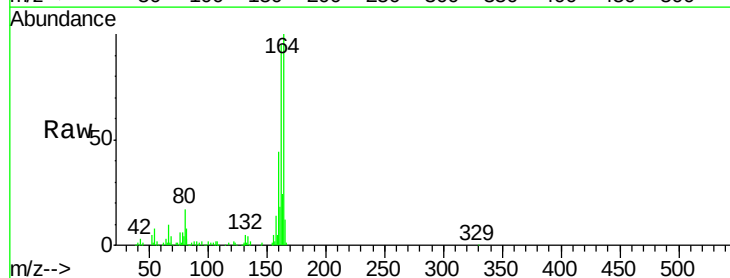
Instrument :
 BNA_G
 ClientSampleId :
 040218-JETW-E-D-M

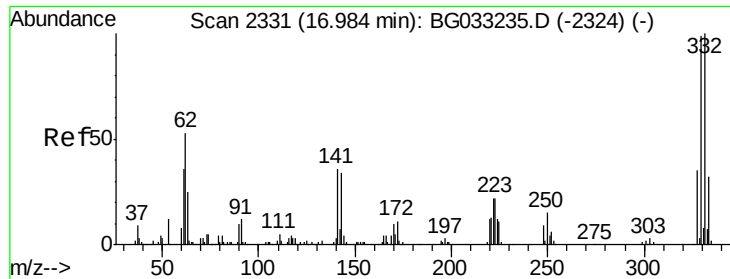
Tot Ion: 82 Resp: 327360
 Ion Ratio Lower Upper
 82 100
 128 35.4 29.7 44.5
 54 54.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

Tgt Ion: 164 Resp: 126839
 Ion Ratio Lower Upper
 164 100
 162 94.6 78.8 118.2
 160 44.1 35.4 53.0

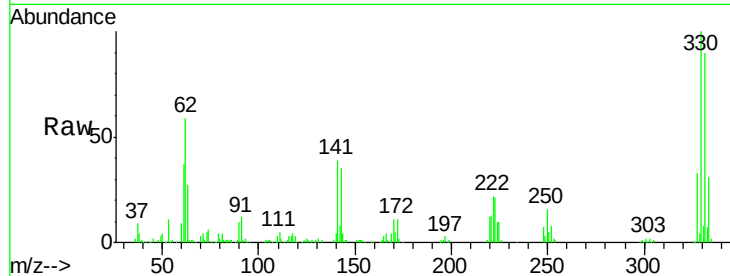




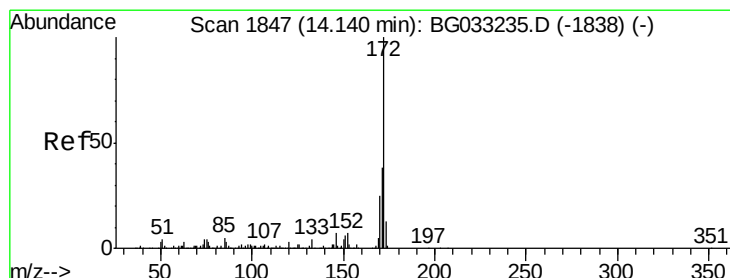
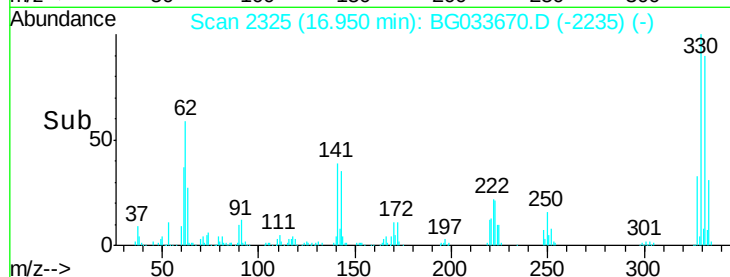
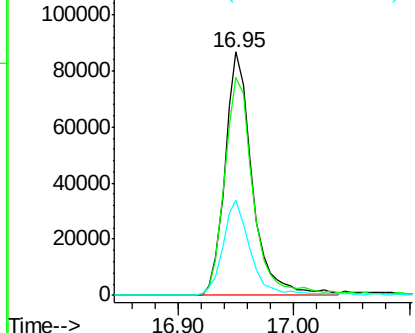
#41
 2,4,6-Tribromophenol
 Concen: 74.587 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETW-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	38.9	25.2	37.8#

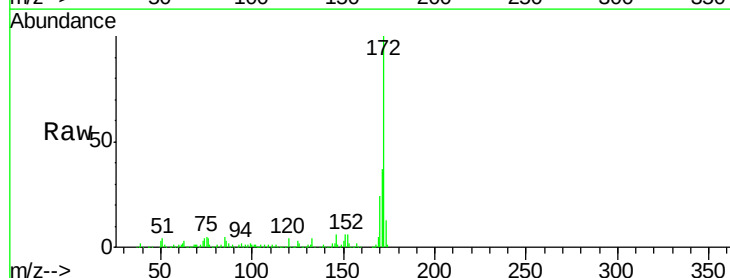


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

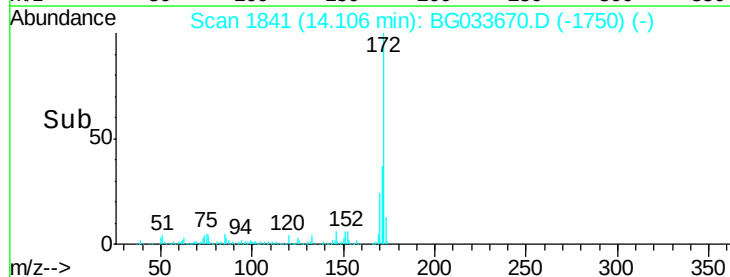
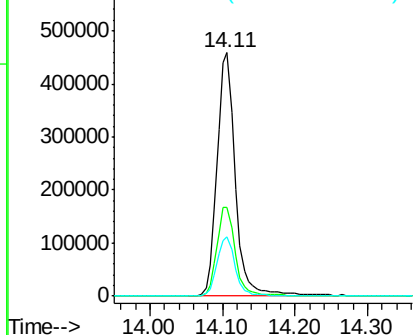


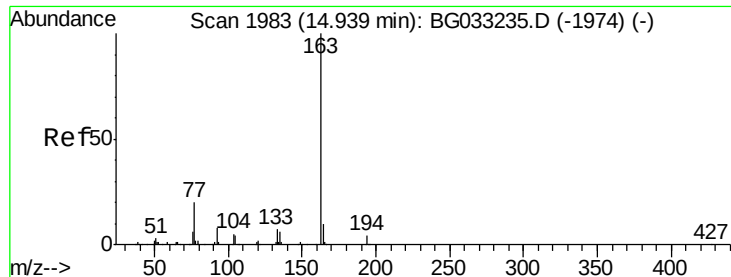
#44
 2-Fluorobiphenyl
 Concen: 92.027 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.5	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





#49

Dimethylphthalate

Concen: 2.509 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033670.D

Acq: 7 Apr 2018 19:19

Instrument :

BNA_G

ClientSampleId :

040218-JETW-E-D-M

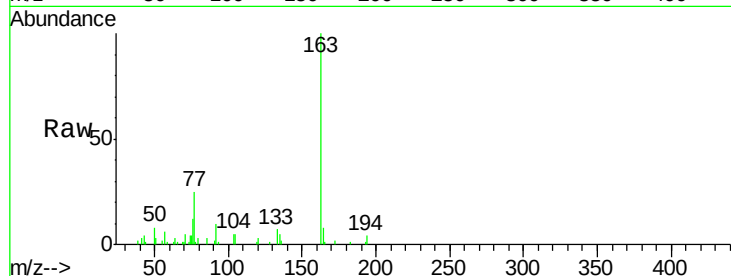
Tot Ion:163 Resp: 27694

Ion Ratio Lower Upper

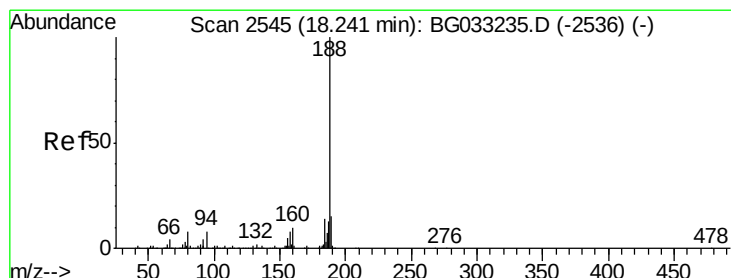
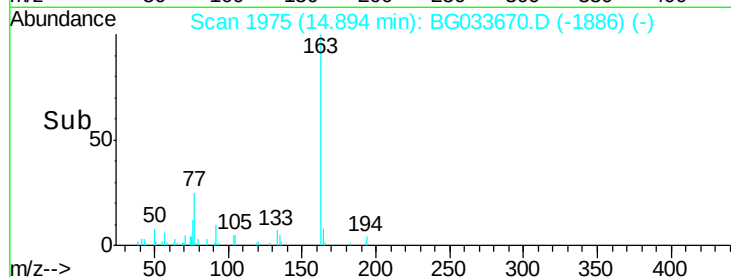
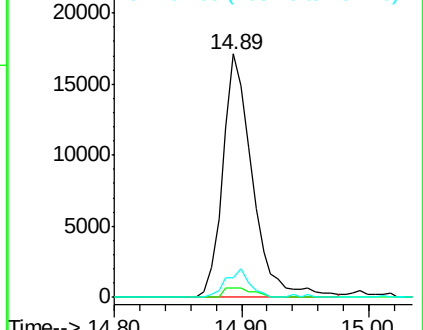
163 100

194 4.1 3.4 5.2

164 8.2 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033670.D

Acq: 7 Apr 2018 19:19

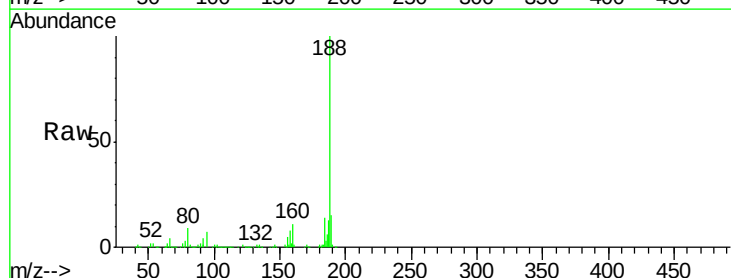
Tgt Ion:188 Resp: 310359

Ion Ratio Lower Upper

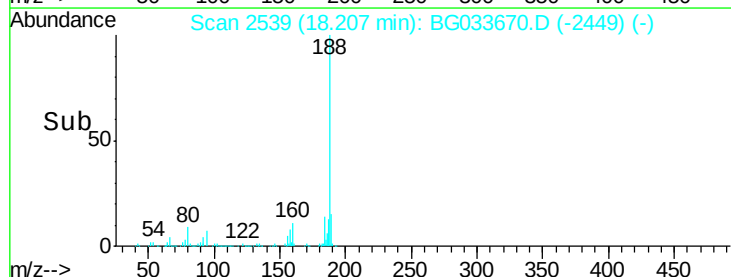
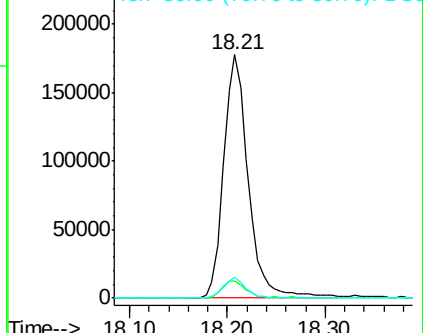
188 100

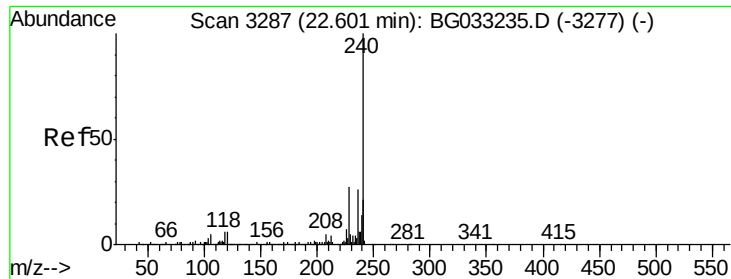
94 7.1 6.9 10.3

80 8.8 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

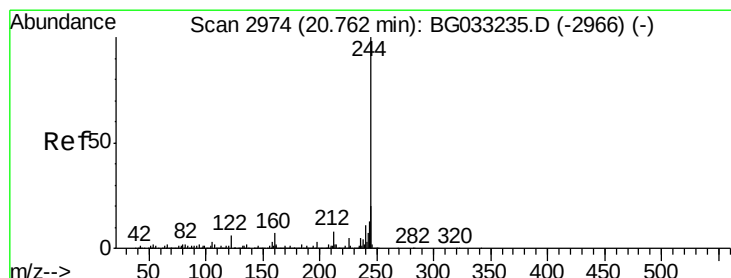
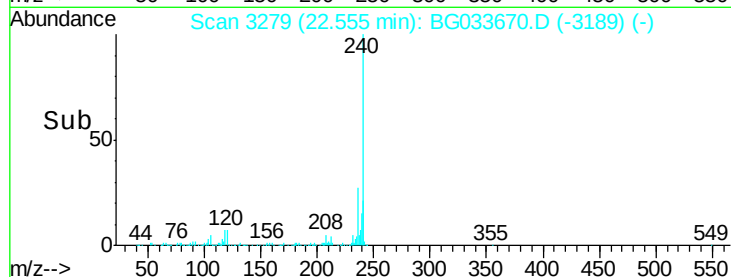
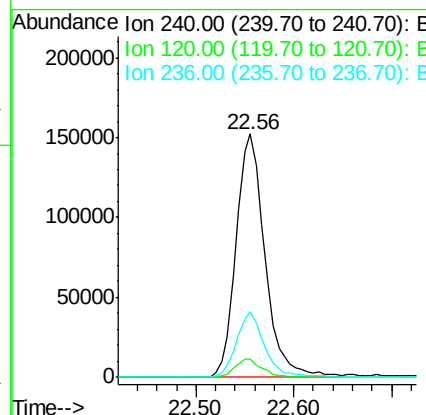
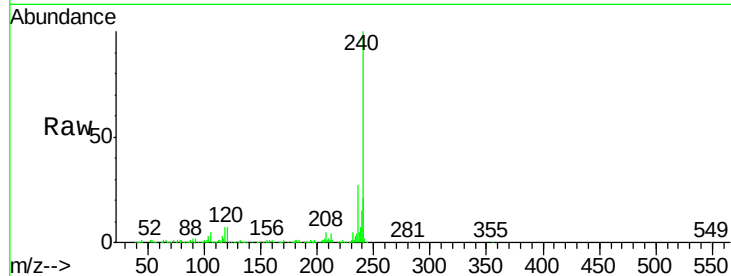




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033670.D
Acq: 7 Apr 2018 19:19

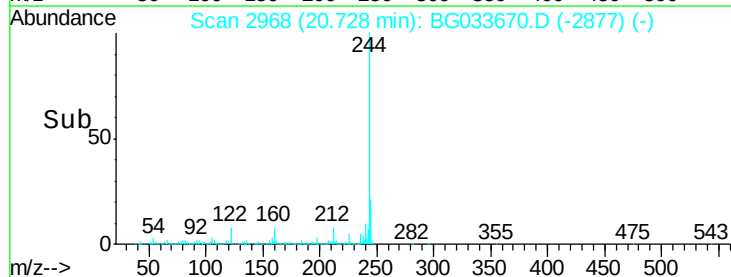
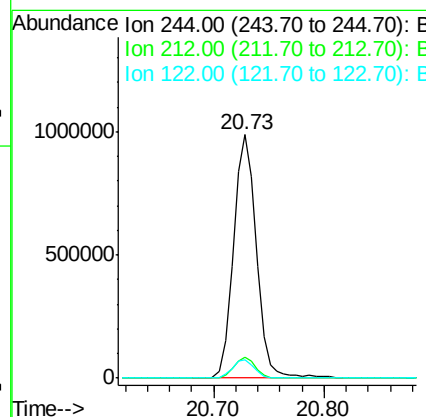
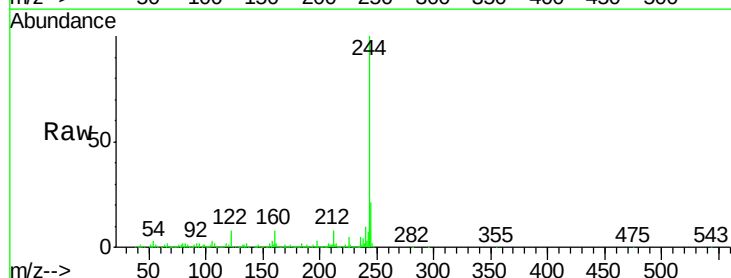
Instrument :
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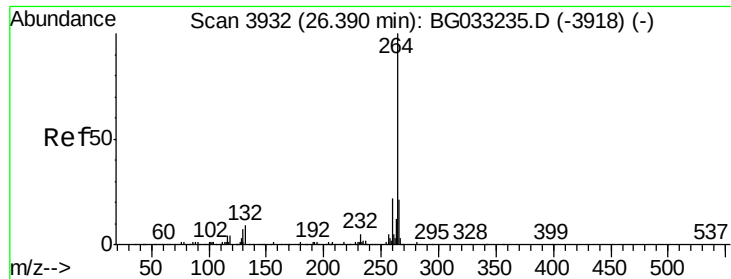
Tot Ion:240 Resp: 312783
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 26.9 20.9 31.3



#78
Terphenyl-d14
Concen: 98.169 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033670.D
Acq: 7 Apr 2018 19:19

Tgt Ion:244 Resp: 1435769
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 7.7 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETW-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	19.4	17.7	26.5

