

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033804.D
 Acq On : 13 Apr 2018 19:59
 Operator : SJ/JU
 Sample : J2165-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-041118

Quant Time: Apr 14 01:51:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	25005	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	117110	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	95423	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	285271	20.00	ng	0.00
75) Chrysene-d12	22.54	240	310892	20.00	ng	0.00
86) Perylene-d12	26.32	264	334433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	204875	153.64	ng	0.00
7) Phenol-d6	7.99	99	309171	134.94	ng	0.02
23) Nitrobenzene-d5	10.05	82	245488	96.31	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	234146	164.06	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	614755	93.01	ng	0.00
78) Terphenyl-d14	20.72	244	1565141	107.67	ng	0.00

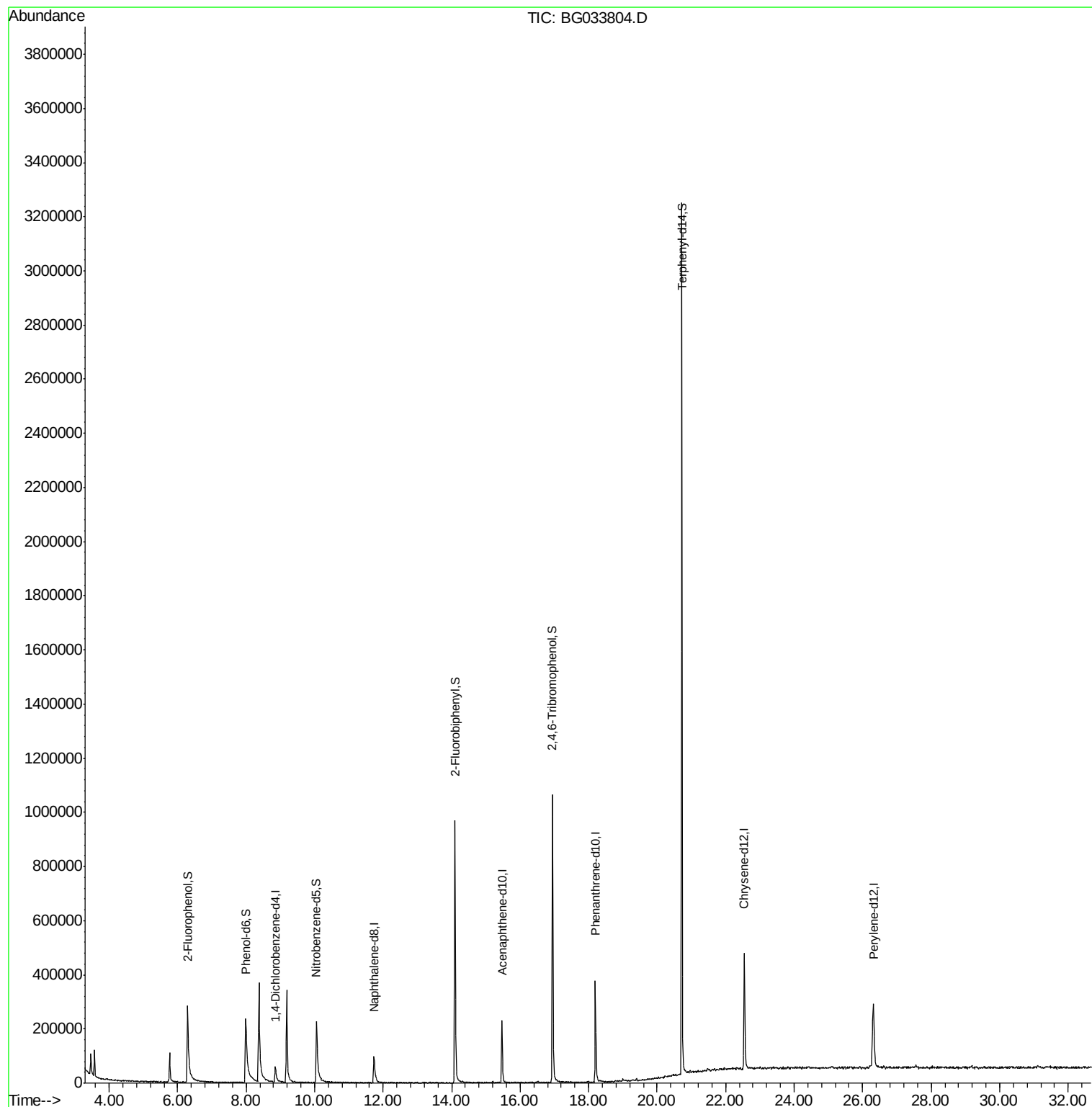
Target Compounds Qvalue

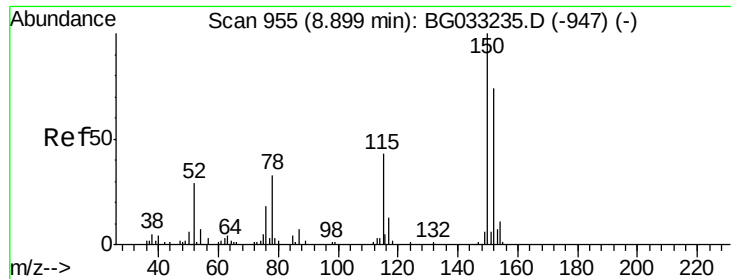
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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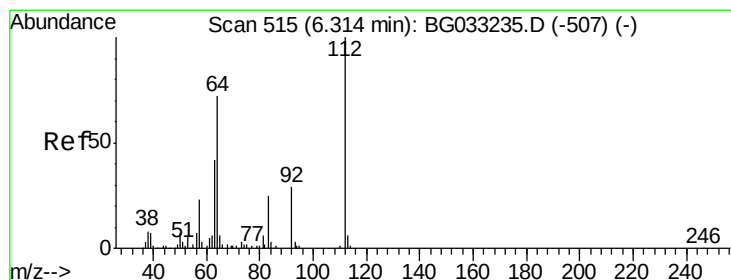
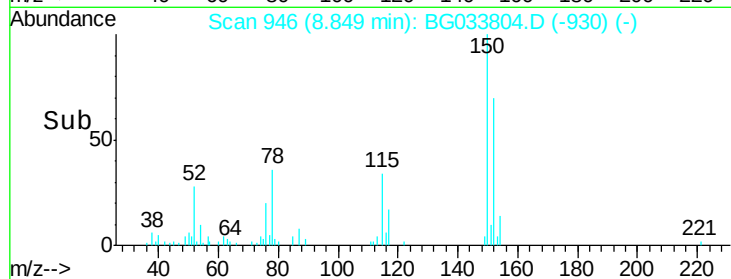
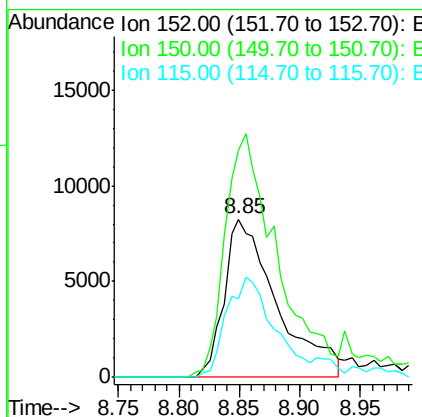
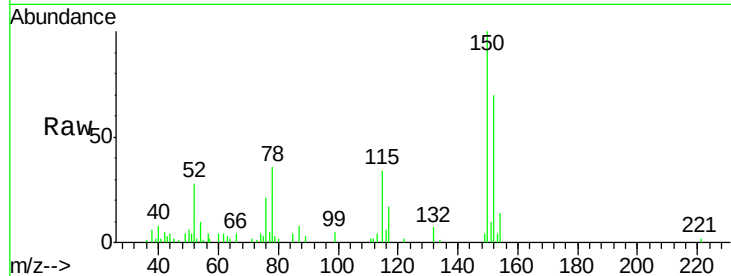


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.85 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BG033804.D
 Acq: 13 Apr 2018 19:59

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-041118

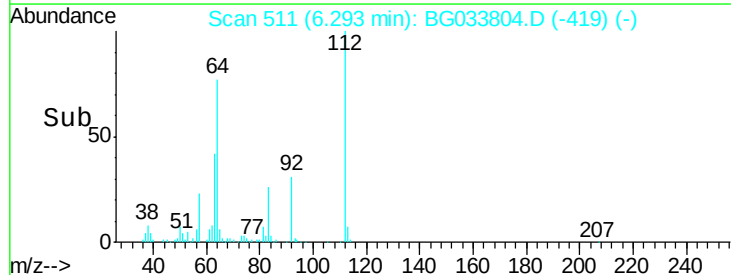
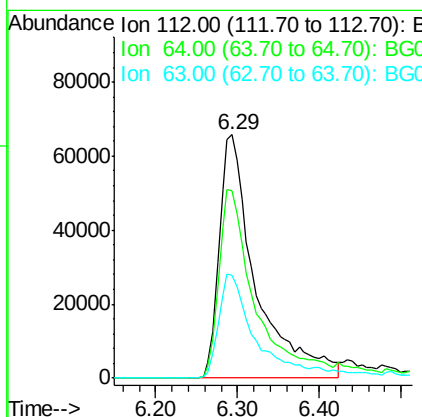
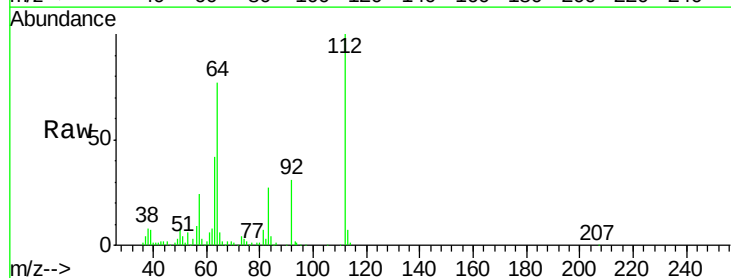
Tot Ion	152	Resp	25005
Ion	Ratio	Lower	Upper
152	100		
150	143.8	126.6	189.8
115	49.3	53.0	79.4

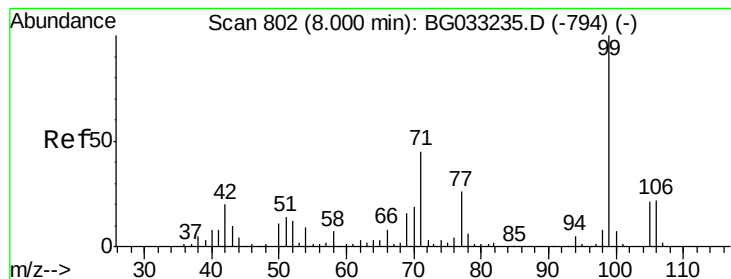


#5

2-Fluorophenol
 Concen: 153.635 ng
 RT: 6.29 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BG033804.D
 Acq: 13 Apr 2018 19:59

Tgt Ion	112	Resp	204875
Ion	Ratio	Lower	Upper
112	100		
64	77.0	56.3	84.5
63	42.1	30.1	45.1





#7

Phenol-d6

Concen: 134.935 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

Instrument :

BNA_G

ClientSampleId :

SU-03-041118

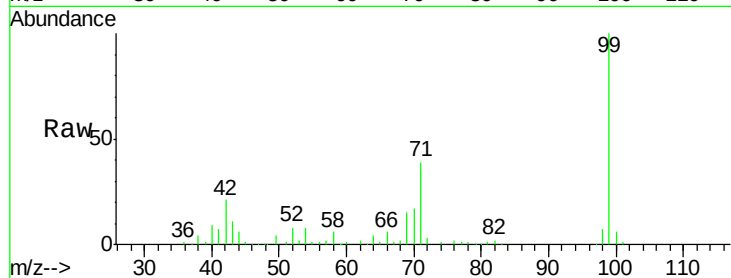
Tot Ion: 99 Resp: 309171

Ion Ratio Lower Upper

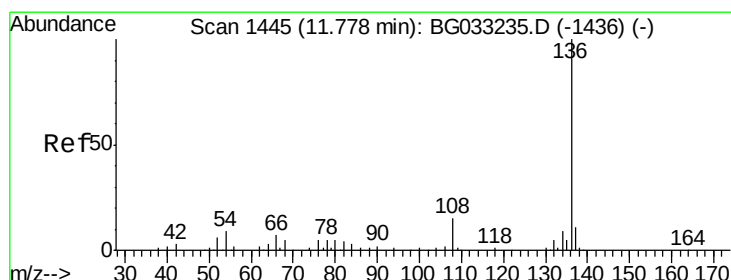
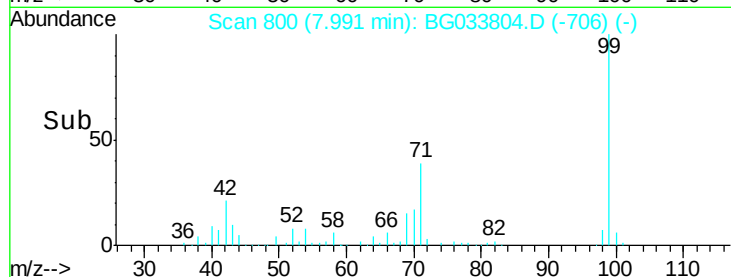
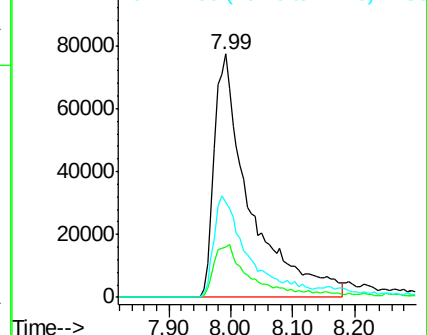
99 100

42 20.8 14.1 21.1

71 39.3 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: 11.73 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

Tgt Ion: 136 Resp: 117110

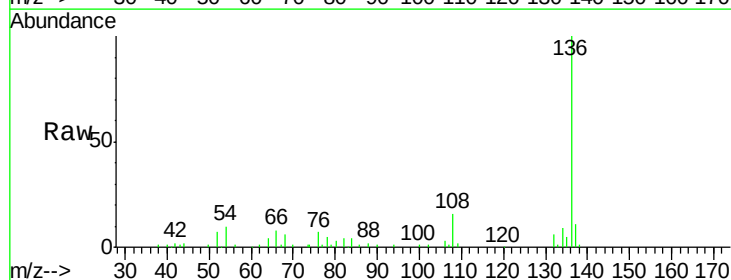
Ion Ratio Lower Upper

136 100

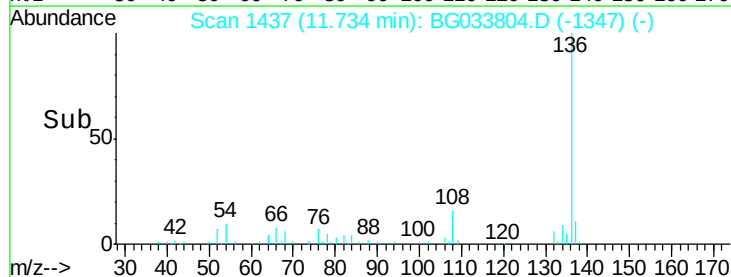
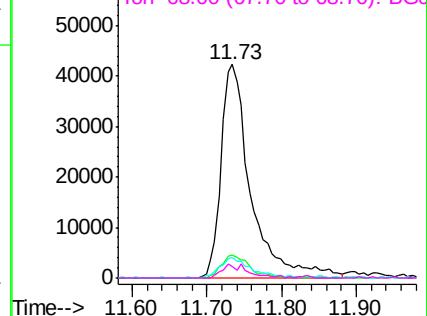
137 10.8 9.2 13.8

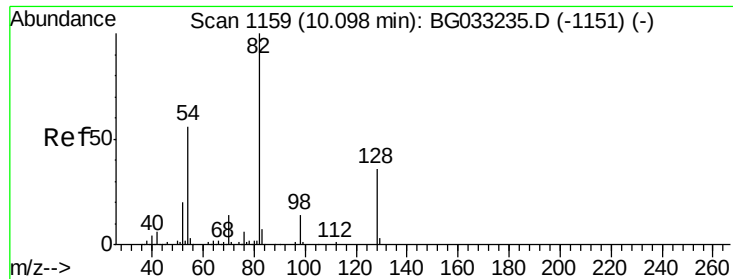
54 9.7 10.3 15.5#

68 5.6 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

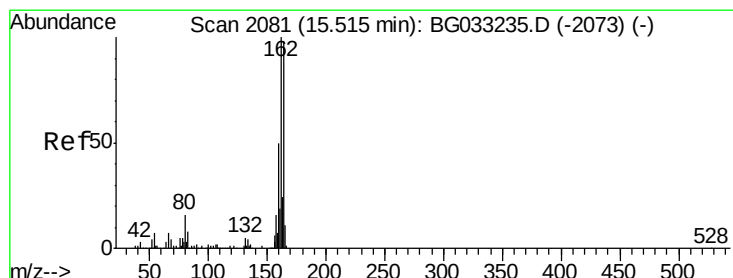
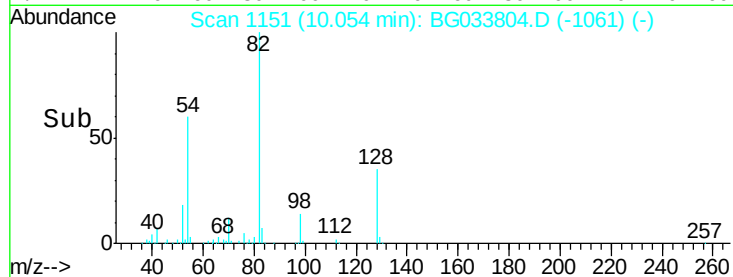
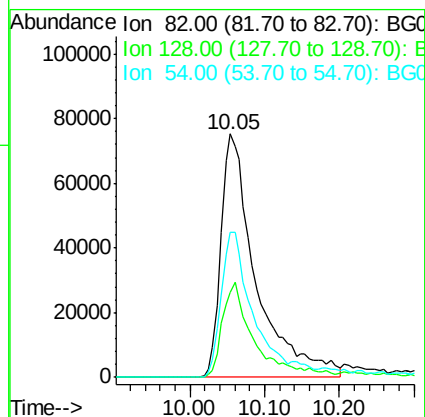
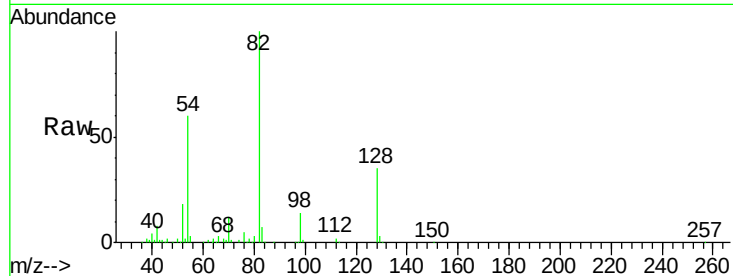




#23
Nitrobenzene-d5
Concen: 96.309 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG033804.D
Acq: 13 Apr 2018 19:59

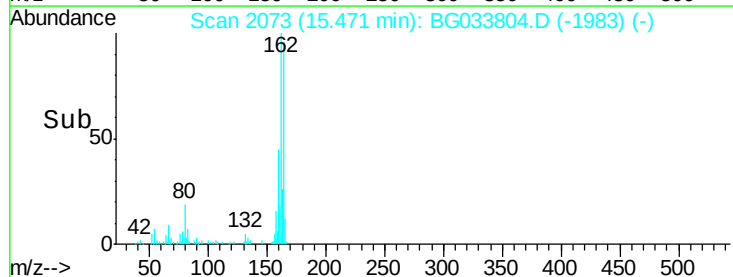
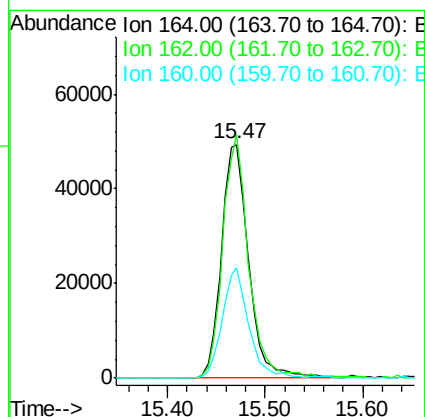
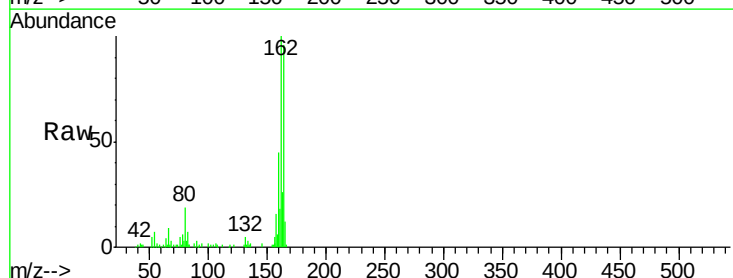
Instrument :
BNA_G
ClientSampleId :
SU-03-041118

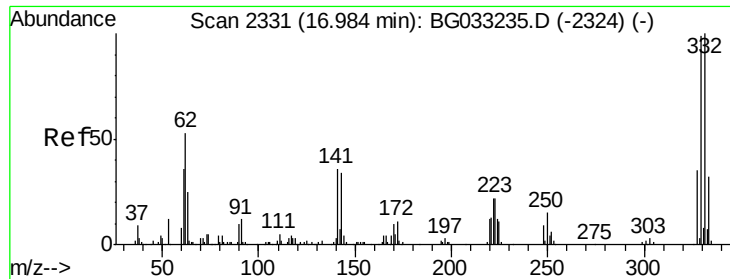
Tot Ion: 82 Resp: 245488
Ion Ratio Lower Upper
82 100
128 35.0 29.7 44.5
54 59.8 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG033804.D
Acq: 13 Apr 2018 19:59

Tgt Ion:164 Resp: 95423
Ion Ratio Lower Upper
164 100
162 104.1 78.8 118.2
160 47.2 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 164.064 ng

RT: 16.95 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

Instrument :

BNA_G

ClientSampleId :

SU-03-041118

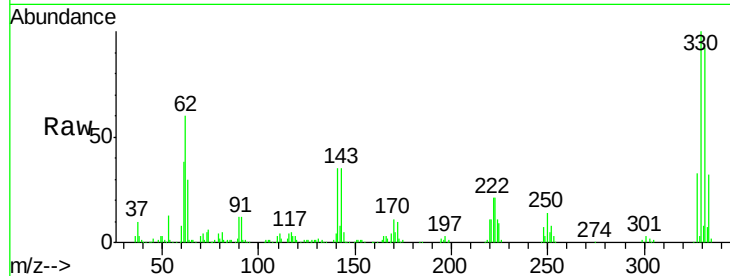
Tot Ion:330 Resp: 234146

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

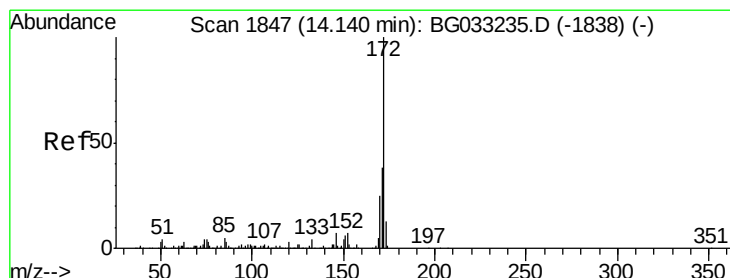
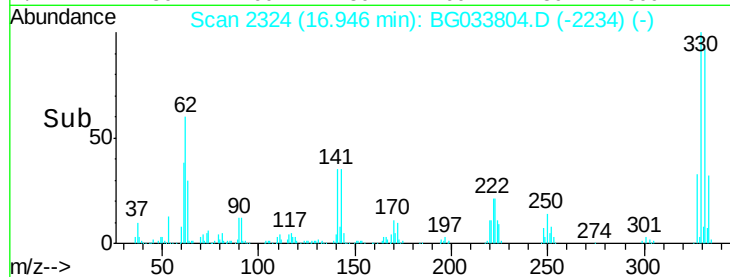
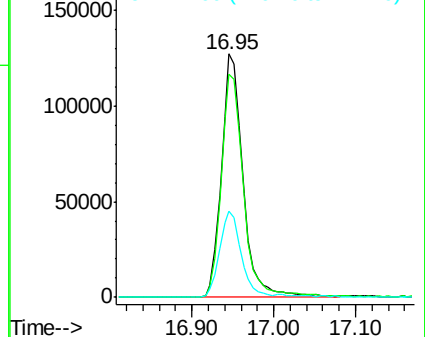
141 36.3 25.2 37.8



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: 93.005 ng

RT: 14.10 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

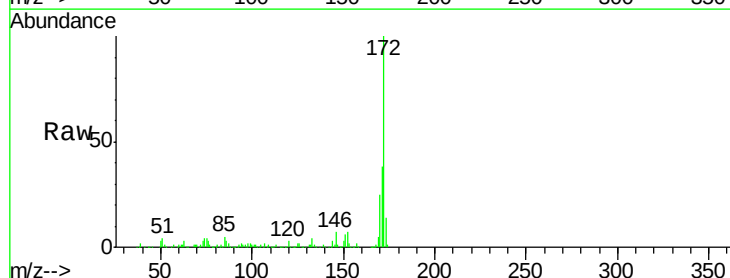
Tgt Ion:172 Resp: 614755

Ion Ratio Lower Upper

172 100

171 38.4 30.0 45.0

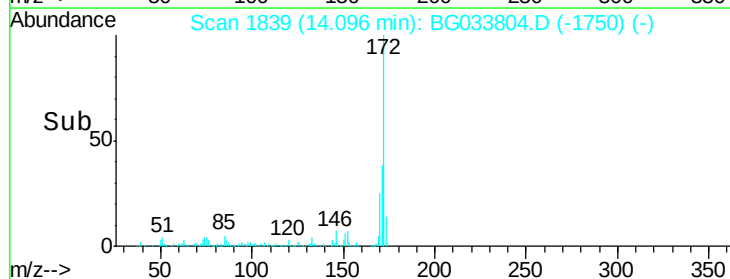
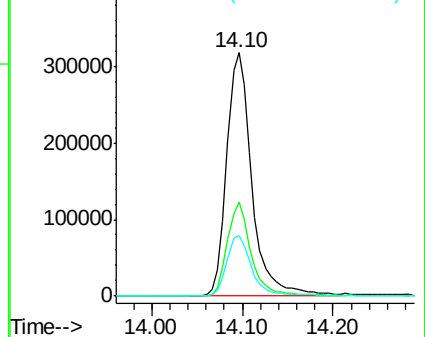
170 24.9 19.5 29.3

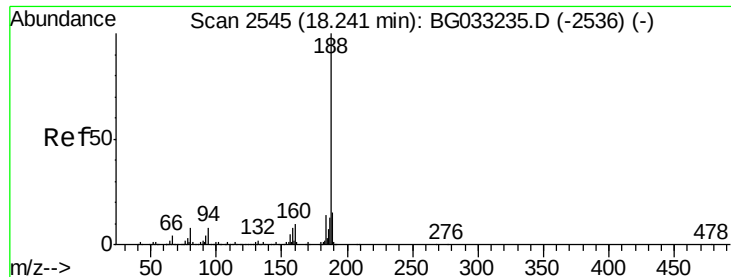


Abundance Ion 172.00 (171.70 to 172.70): E

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: 18.20 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

Instrument :

BNA_G

ClientSampleId :

SU-03-041118

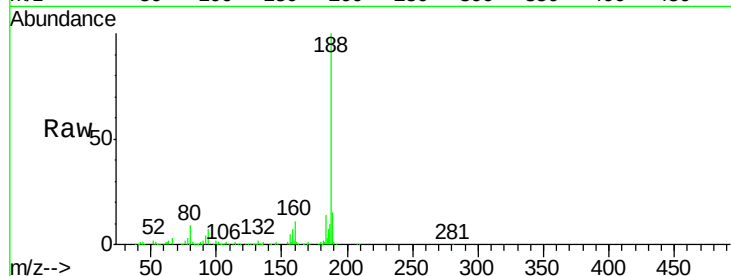
Tot Ion:188 Resp: 285271

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

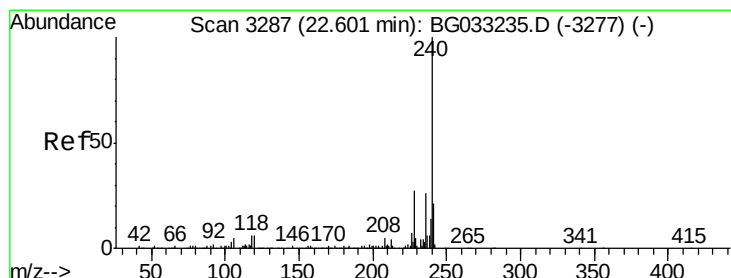
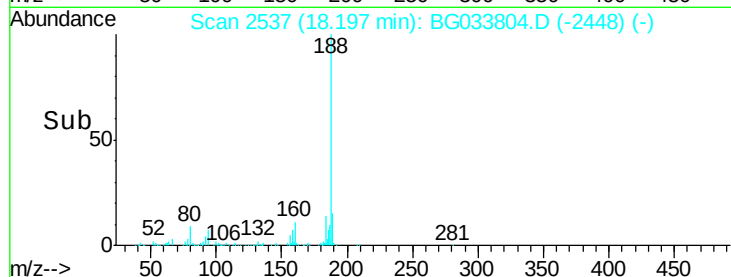
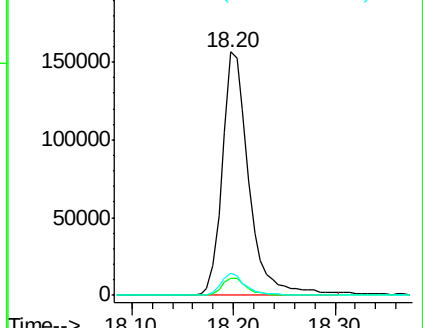
80 9.0 7.7 11.5



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: 22.54 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

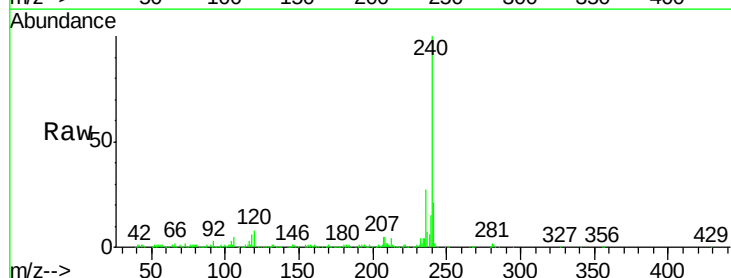
Tgt Ion:240 Resp: 310892

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

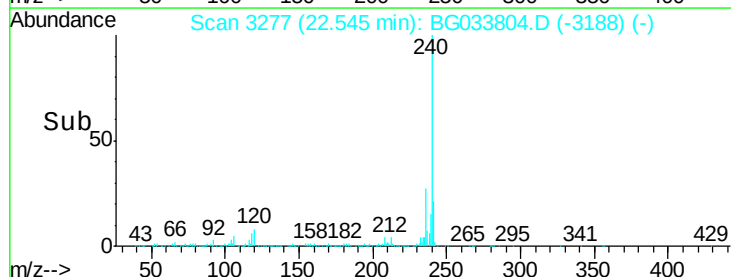
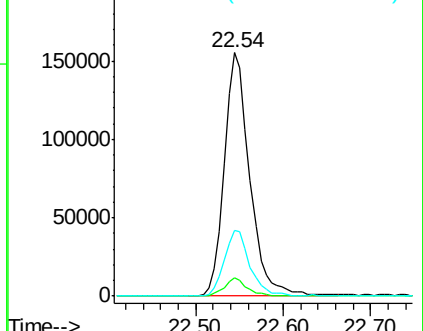
236 27.1 20.9 31.3

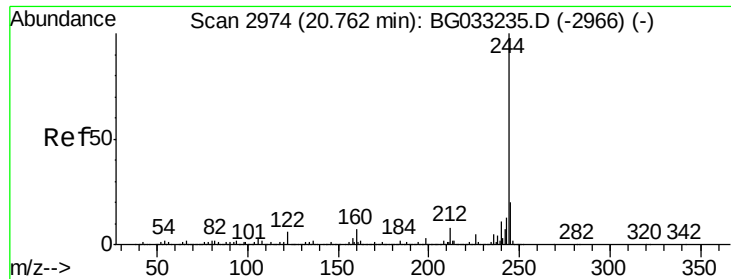


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.665 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

Instrument :

BNA_G

ClientSampleId :

SU-03-041118

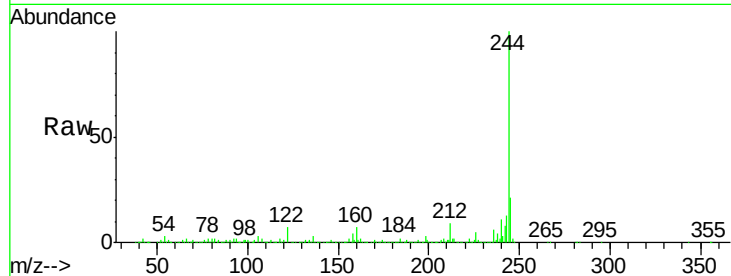
Tot Ion:244 Resp: 1565141

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

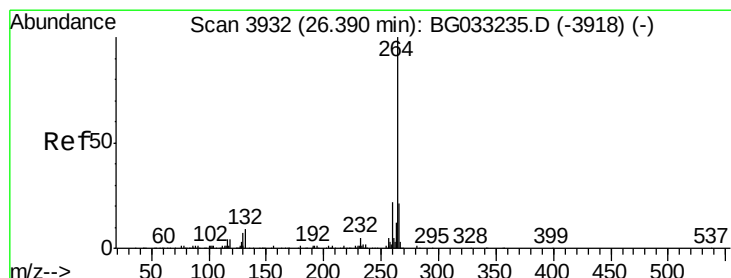
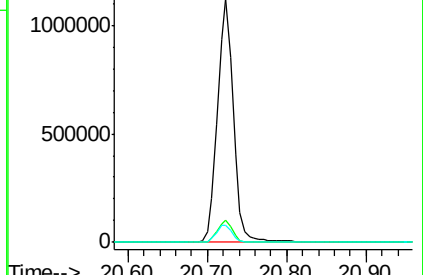
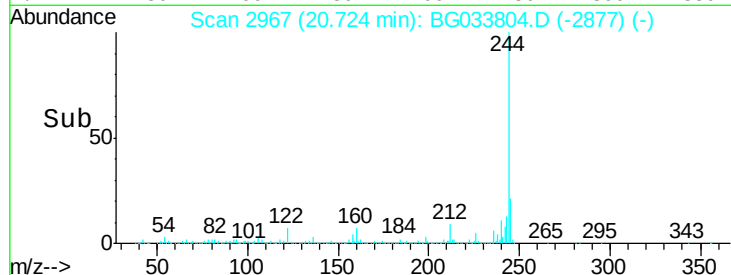
122 7.2 7.0 10.4



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: 26.32 min Scan# 3919

Delta R.T. 0.01 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

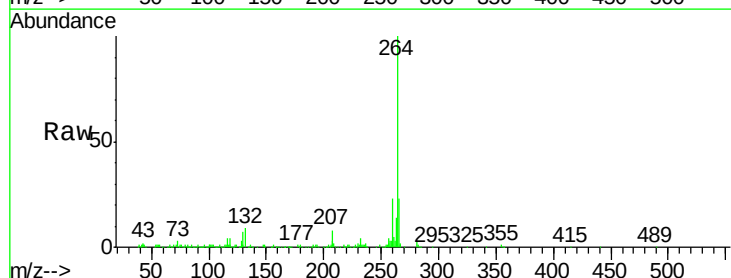
Tgt Ion:264 Resp: 334433

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 23.1 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

