

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030978.D
 Acq On : 13 Nov 2017 18:17
 Operator : SJ/JU
 Sample : I6301-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-B

Quant Time: Nov 14 05:47:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

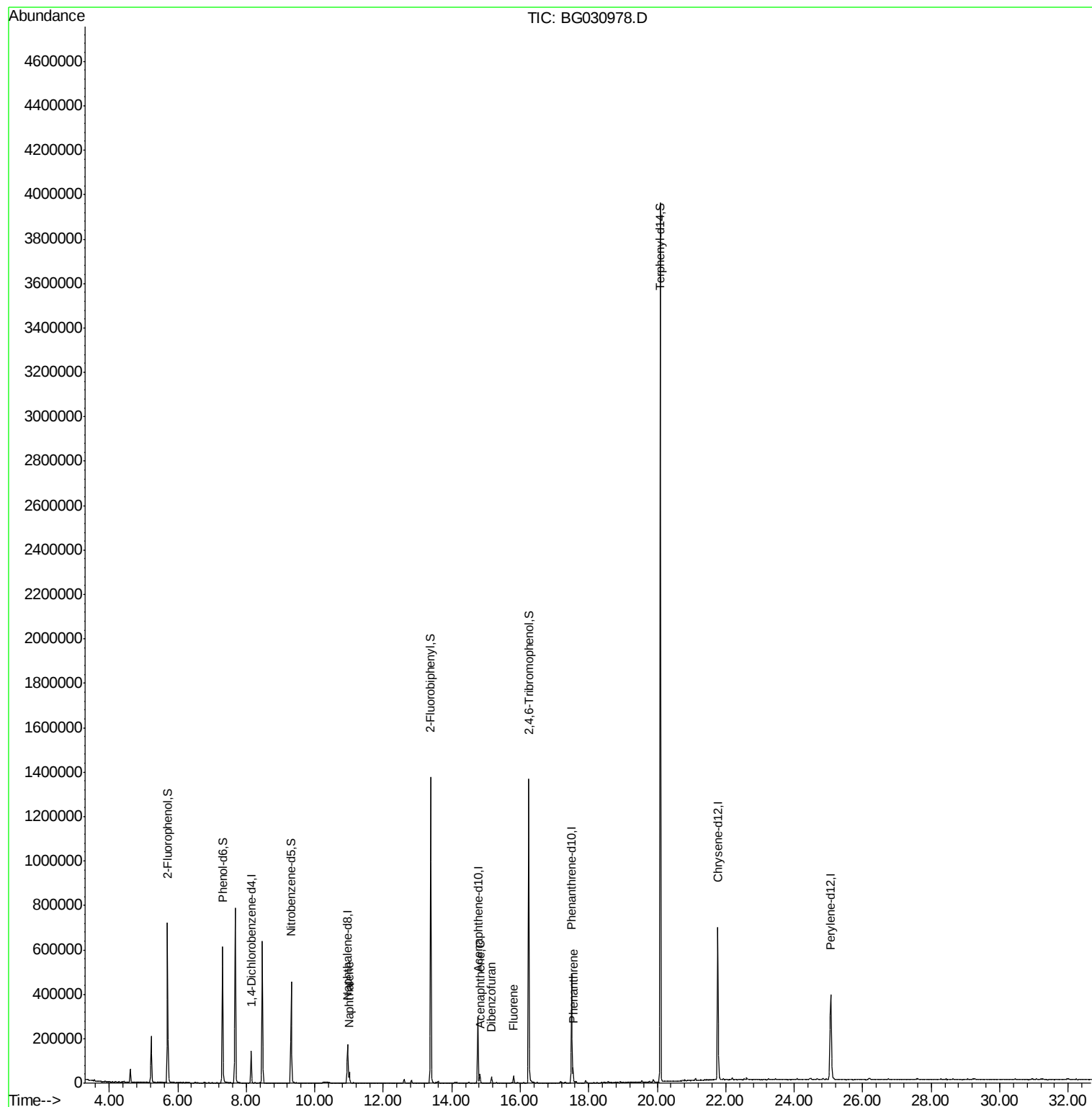
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42393	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	172209	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	112210	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	319083	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	474135	20.00	ng	-0.02
86) Perylene-d12	25.06	264	465244	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	333951	135.08	ng	0.00
7) Phenol-d6	7.31	99	372052	111.71	ng	0.00
23) Nitrobenzene-d5	9.31	82	286749	98.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	325124	179.11	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	821685	105.22	ng	-0.01
78) Terphenyl-d14	20.09	244	1923075	89.56	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	42769	5.052	ng	Qvalue 97
51) Acenaphthene	14.83	154	16991	2.476	ng	91
54) Dibenzofuran	15.16	168	22098	2.022	ng	91
57) Fluorene	15.81	166	18178	2.048	ng	# 99
70) Phenanthrene	17.54	178	45571	2.743	ng	98

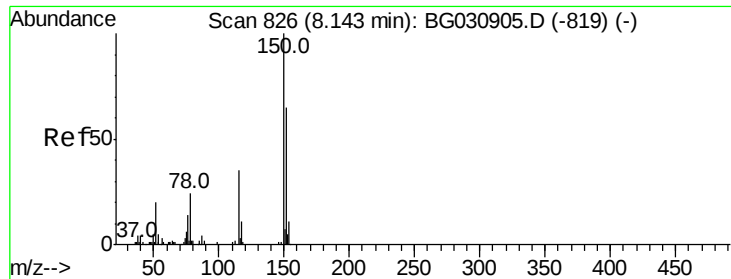
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
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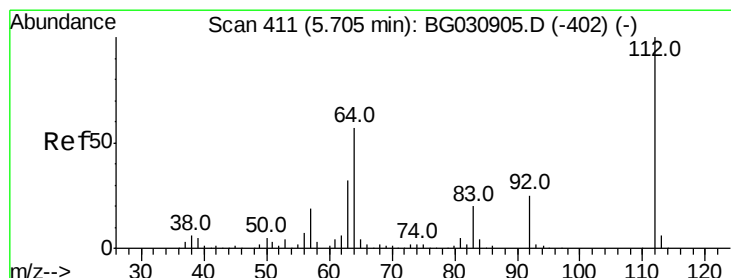
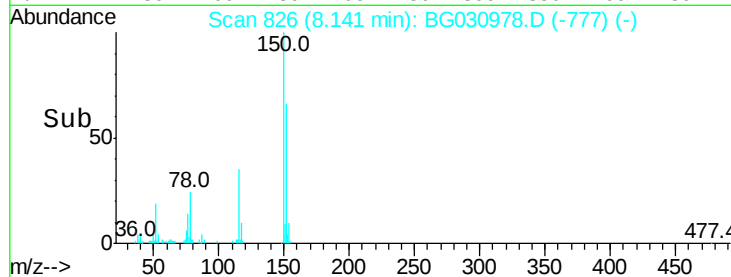
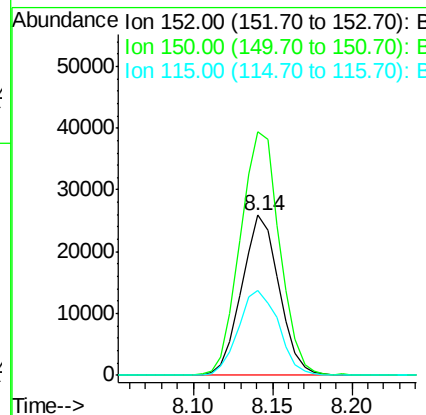
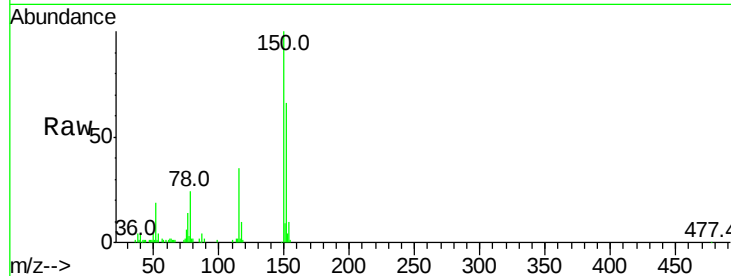


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

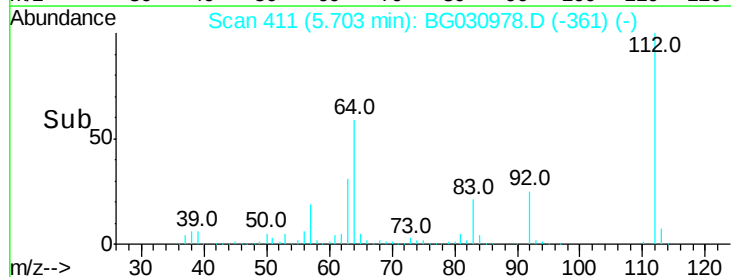
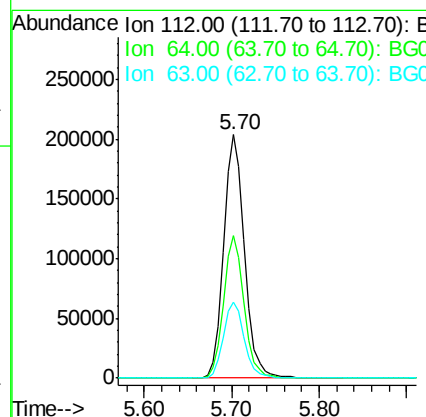
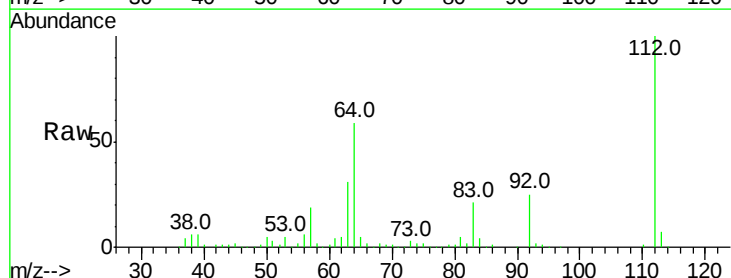
Tot Ion:152 Resp: 42393
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 53.0 53.0 79.4

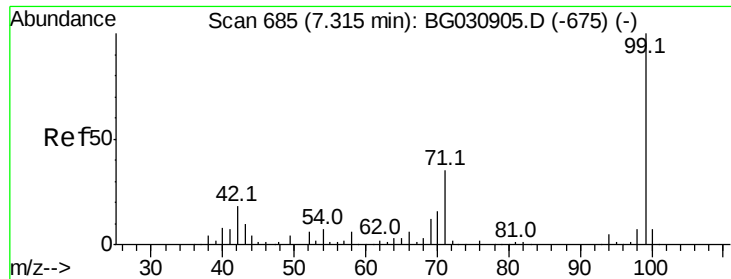


#5

2-Fluorophenol
Concen: 135.080 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:112 Resp: 333951
Ion Ratio Lower Upper
112 100
64 58.7 56.3 84.5
63 31.2 30.1 45.1





#7

Phenol-d6

Concen: 111.706 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030978.D

Acq: 13 Nov 2017 18:17

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-B

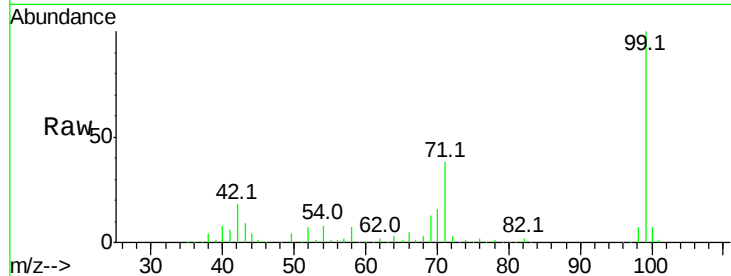
Tot Ion: 99 Resp: 372052

Ion Ratio Lower Upper

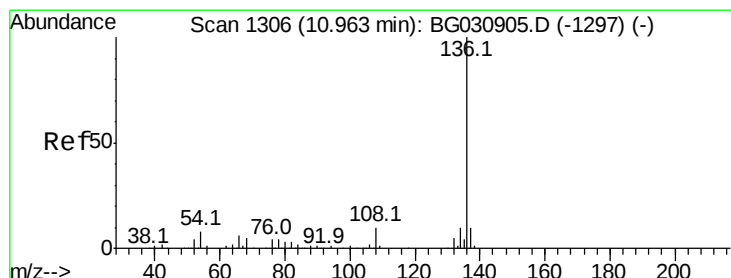
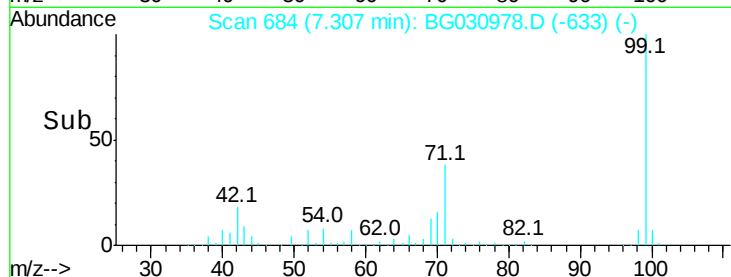
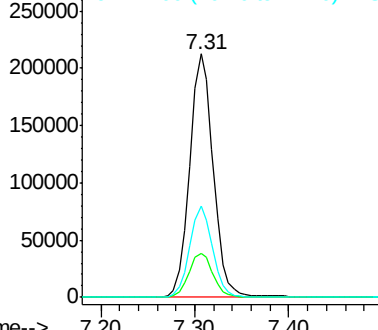
99 100

42 18.2 14.1 21.1

71 37.7 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030978.D

Acq: 13 Nov 2017 18:17

Tgt Ion: 136 Resp: 172209

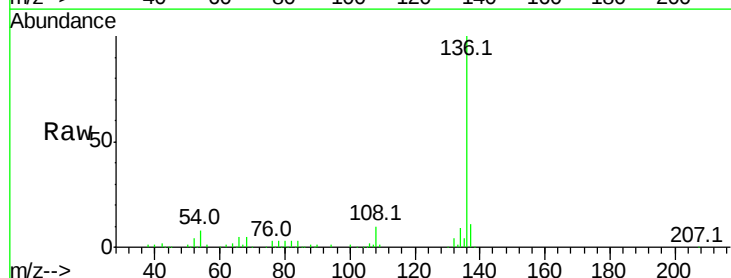
Ion Ratio Lower Upper

136 100

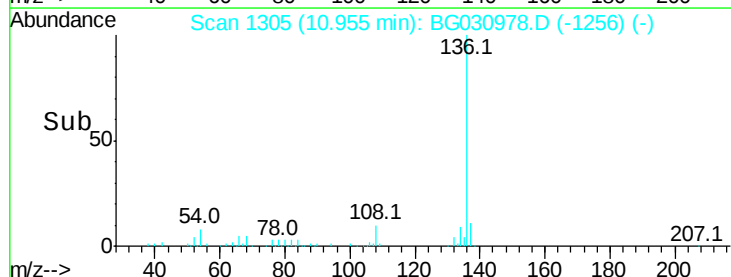
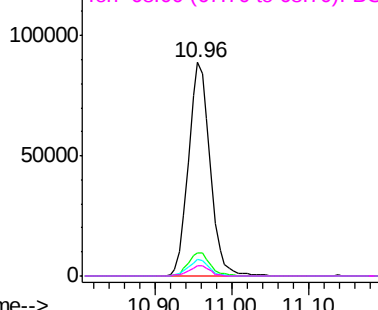
137 10.9 9.2 13.8

54 7.7 10.3 15.5#

68 4.5 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

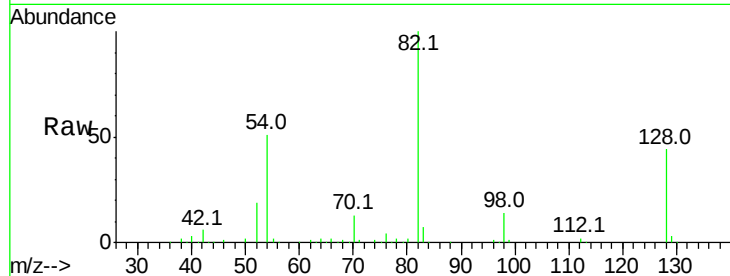




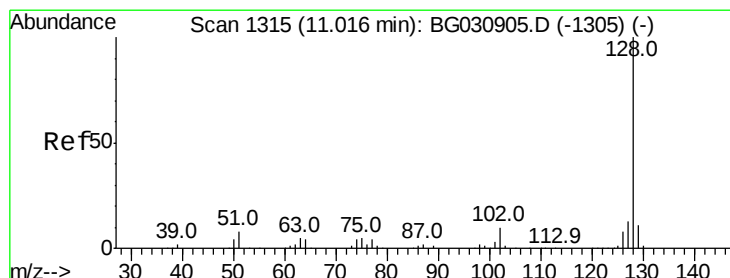
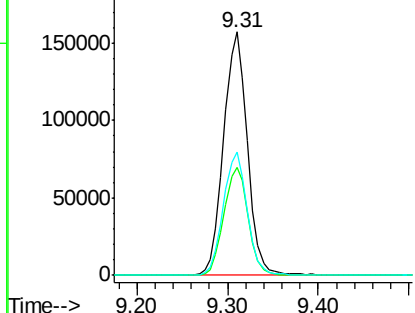
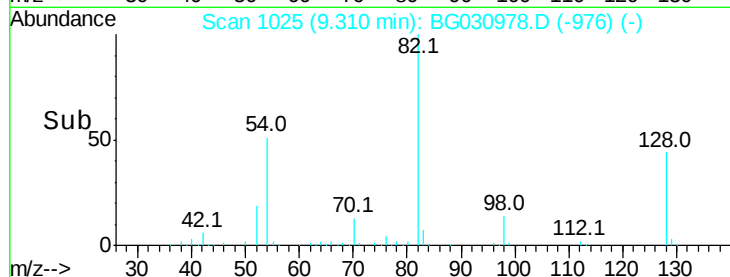
#23
Nitrobenzene-d5
Concen: 98.669 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tot Ion: 82 Resp: 286749
Ion Ratio Lower Upper
82 100
128 44.2 29.7 44.5
54 50.6 43.1 64.7

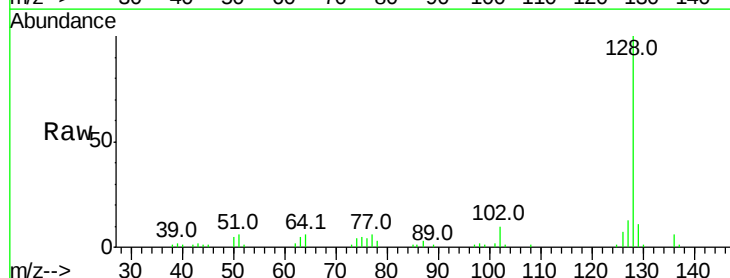


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

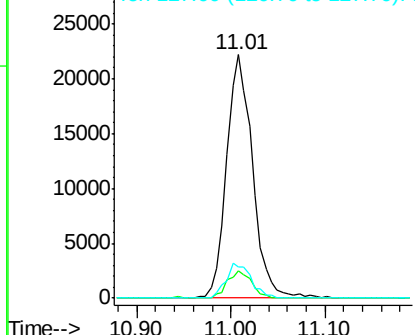
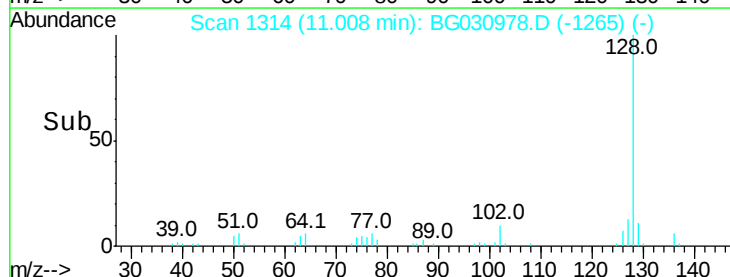


#31
Naphthalene
Concen: 5.052 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion: 128 Resp: 42769
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 12.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030978.D

Acq: 13 Nov 2017 18:17

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-B

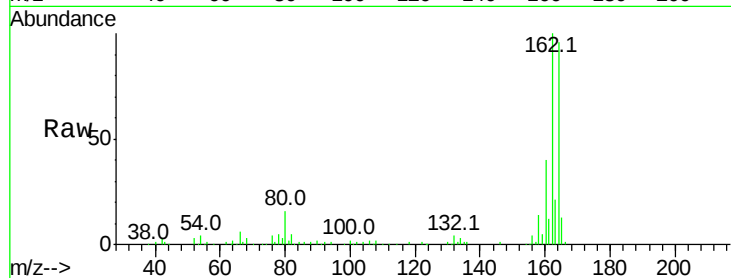
Tot Ion:164 Resp: 112210

Ion Ratio Lower Upper

164 100

162 104.3 78.8 118.2

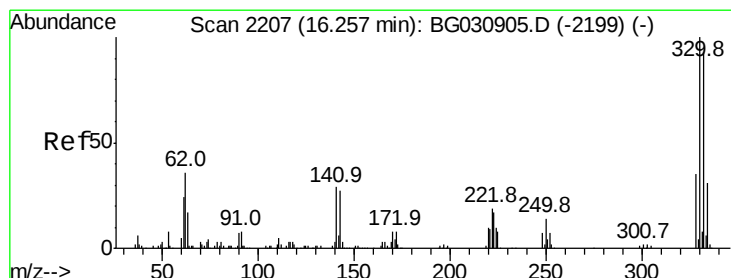
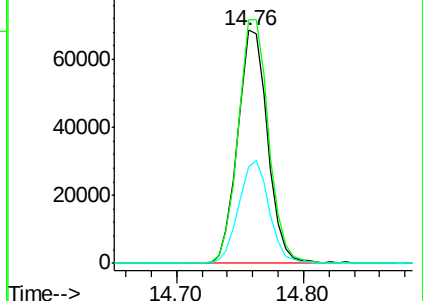
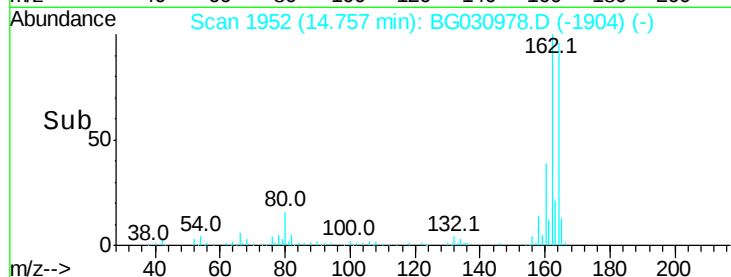
160 41.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 179.113 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030978.D

Acq: 13 Nov 2017 18:17

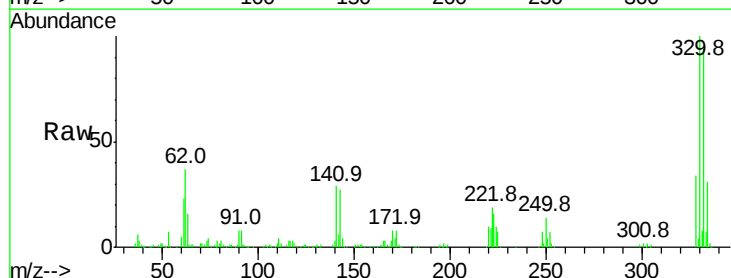
Tgt Ion:330 Resp: 325124

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

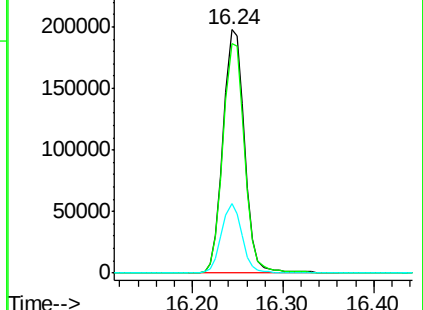
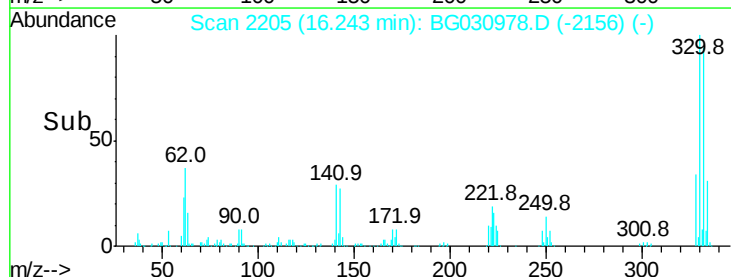
141 27.6 25.2 37.8

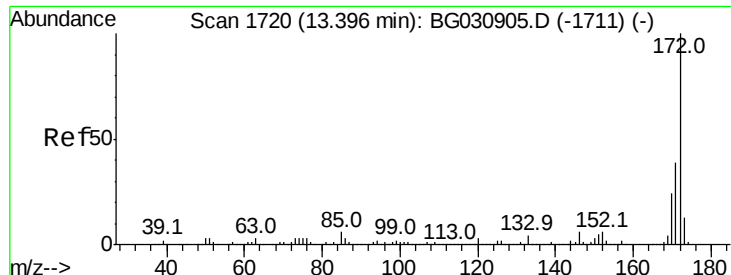


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

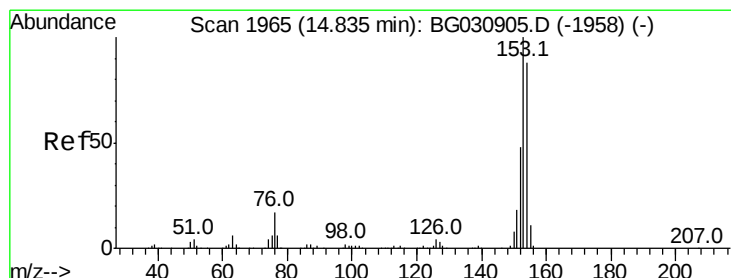
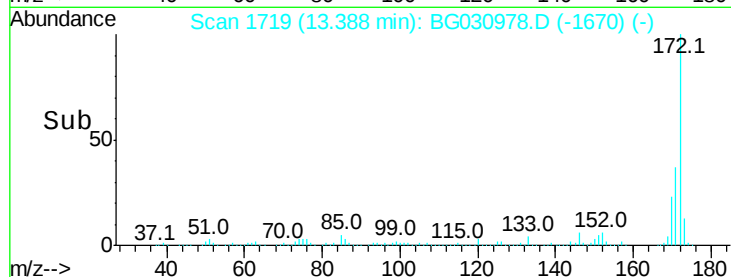
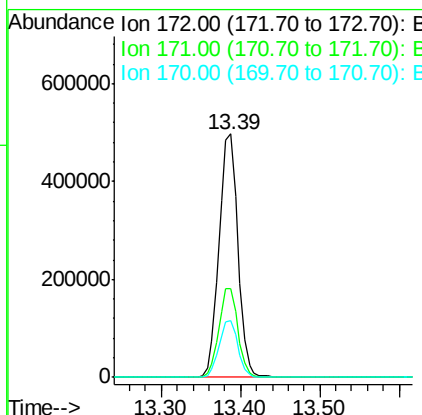
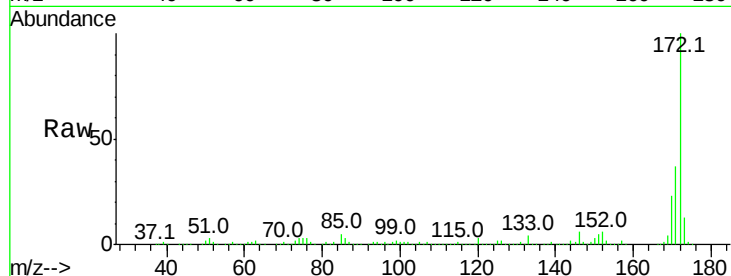




#44
2-Fluorobiphenyl
Concen: 105.220 ng
RT: 13.39 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

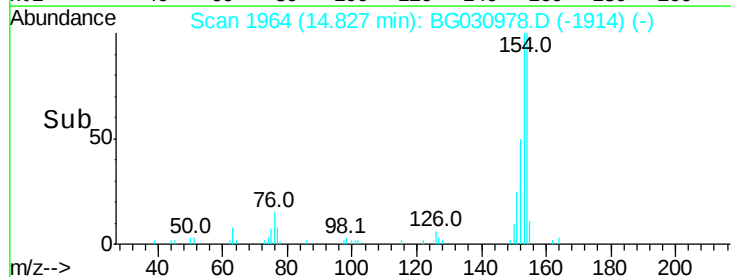
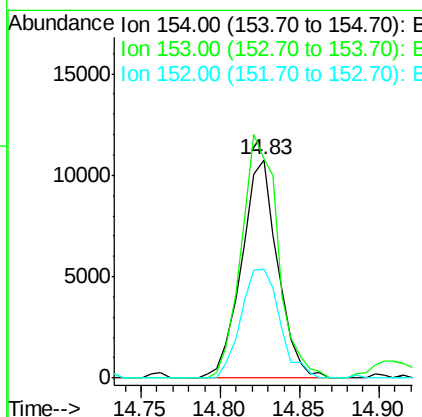
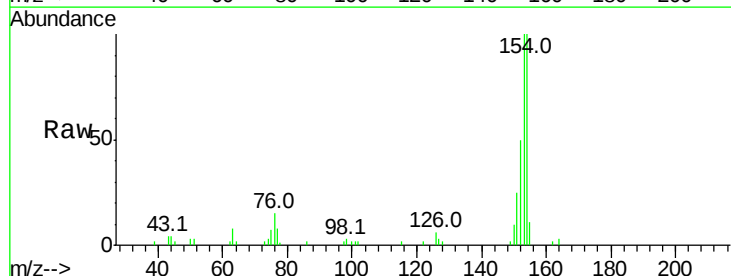
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

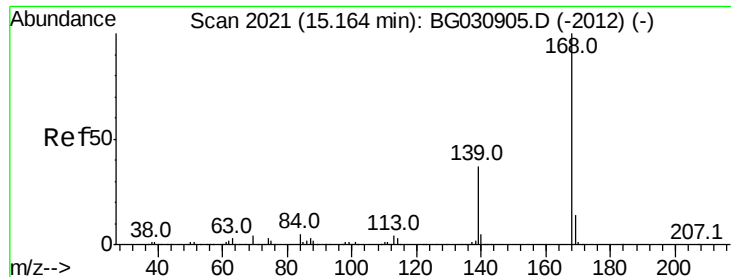
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	23.4	19.5	29.3



#51
Acenaphthene
Concen: 2.476 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	100.4	90.4	135.6
152	49.9	41.6	62.4





#54

Dibenzenofuran

Concen: 2.022 ng

RT: 15.16 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG030978.D

Acq: 13 Nov 2017 18:17

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-B

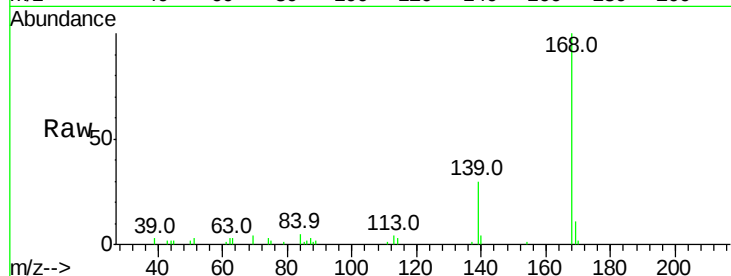
Tot Ion:168 Resp: 22098

Ion Ratio Lower Upper

168 100

139 29.9 28.6 43.0

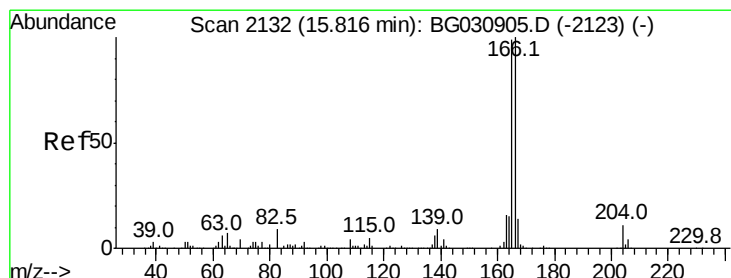
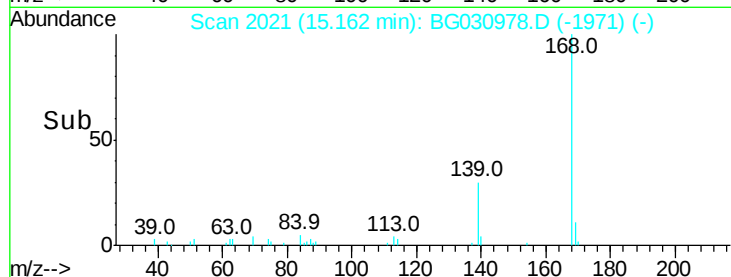
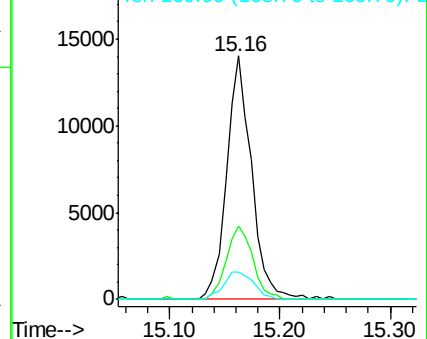
169 11.3 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 2.048 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG030978.D

Acq: 13 Nov 2017 18:17

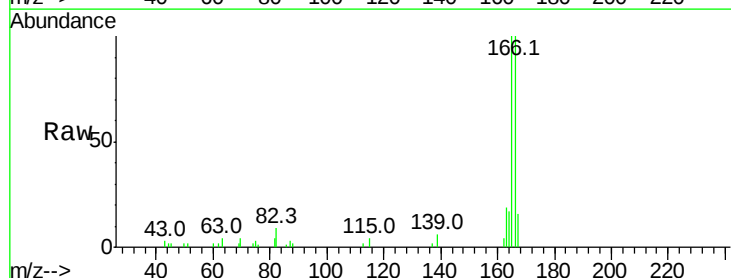
Tgt Ion:166 Resp: 18178

Ion Ratio Lower Upper

166 100

165 100.5 80.6 121.0

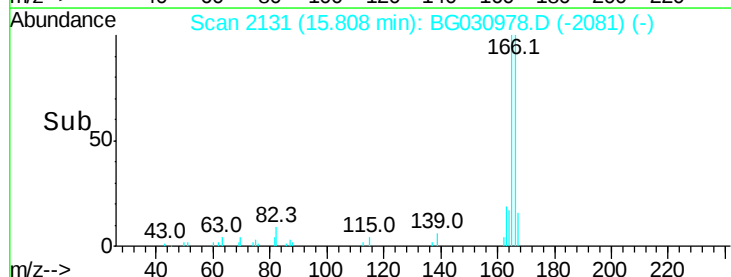
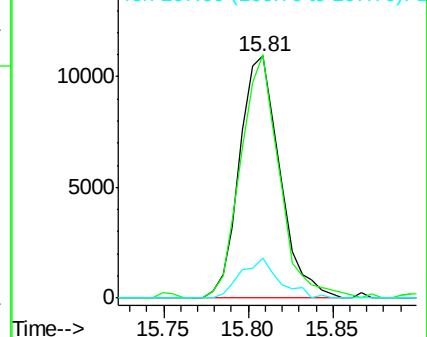
167 16.5 10.4 15.6#

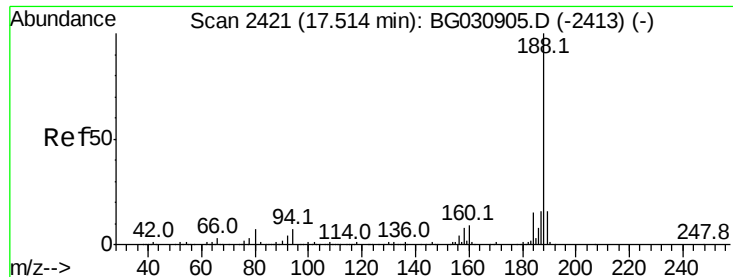


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

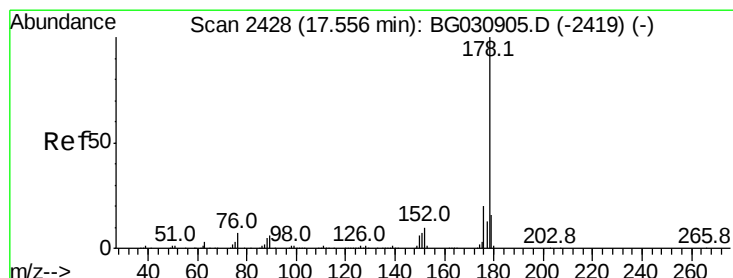
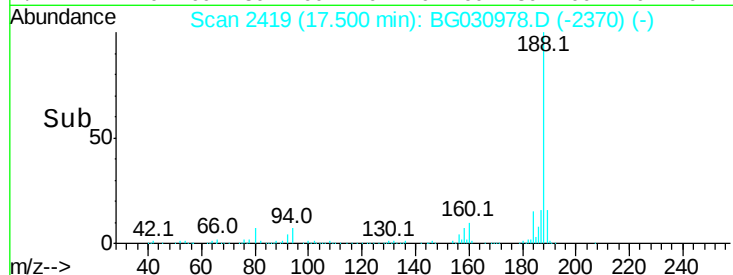
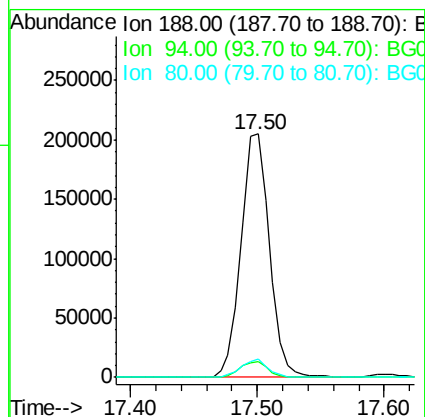
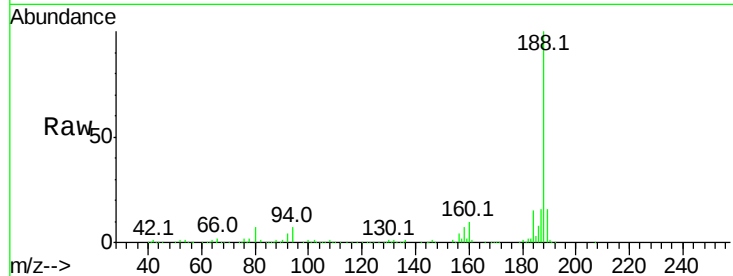




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

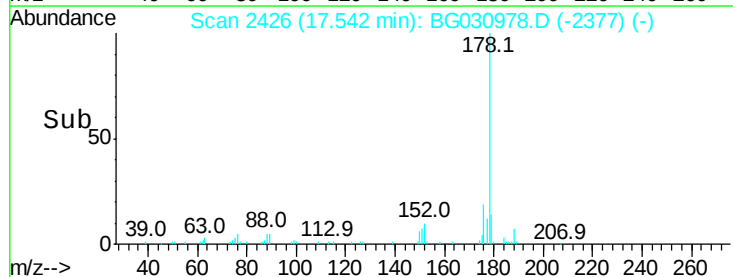
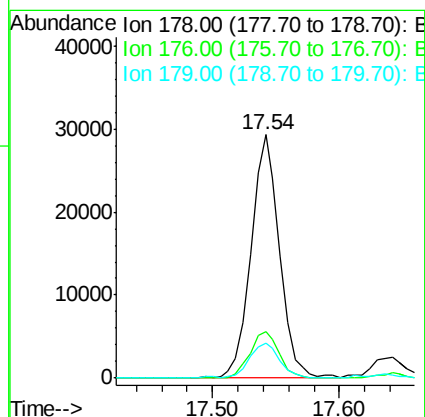
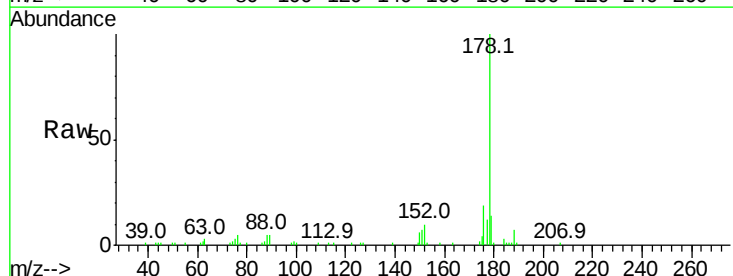
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

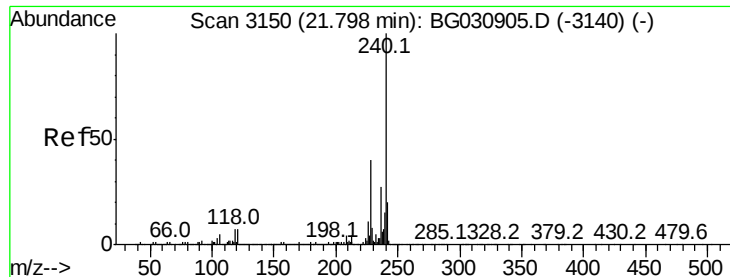
Tot Ion:188 Resp: 319083
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.3 7.7 11.5#



#70
Phenanthrene
Concen: 2.743 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Tgt Ion:178 Resp: 45571
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 14.3 12.5 18.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG030978.D

Acq: 13 Nov 2017 18:17

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-B

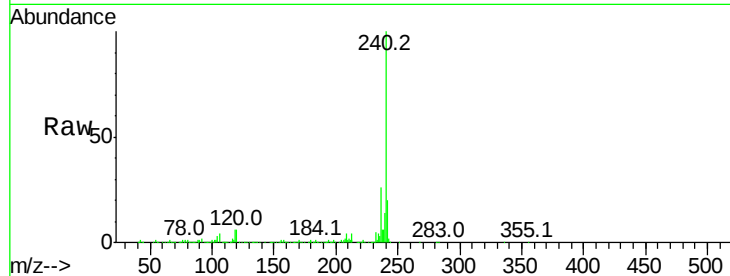
Tot Ion:240 Resp: 474135

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

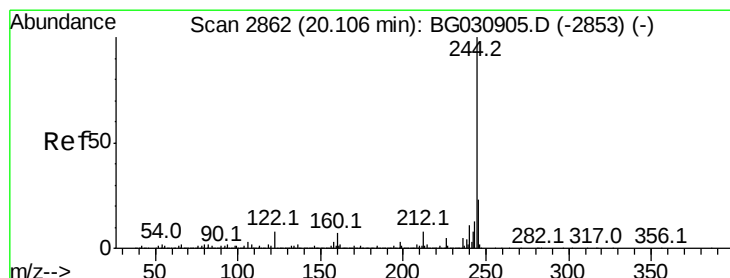
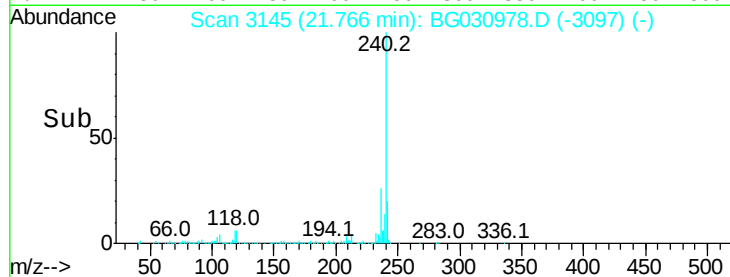
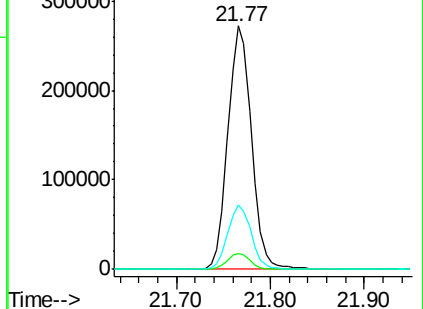
236 26.4 20.9 31.3



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: 89.559 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030978.D

Acq: 13 Nov 2017 18:17

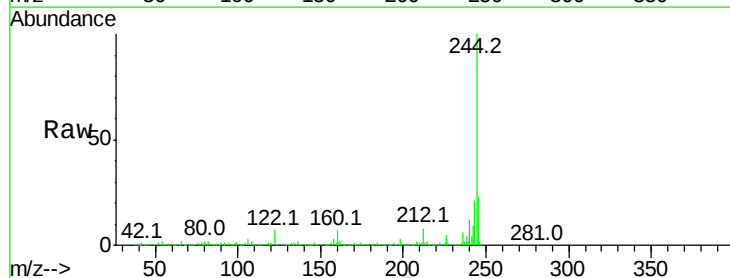
Tgt Ion:244 Resp: 1923075

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

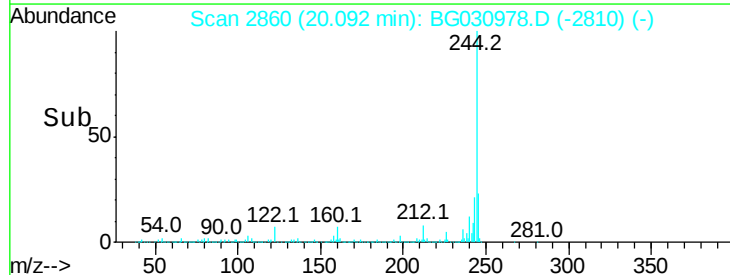
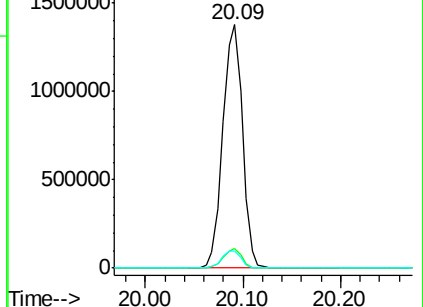
122 7.1 7.0 10.4

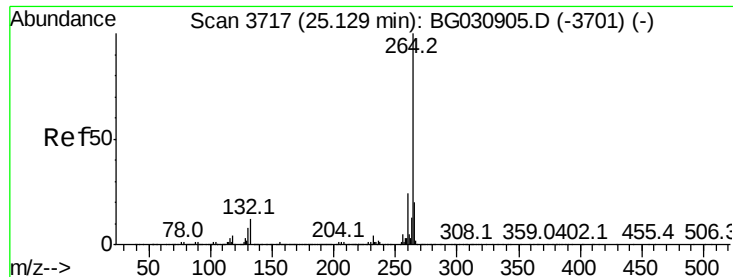


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG030978.D
Acq: 13 Nov 2017 18:17

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.4	17.7	26.5

