

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030938.D
 Acq On : 11 Nov 2017 11:30
 Operator : SJ/JU
 Sample : I6396-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:19:49 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

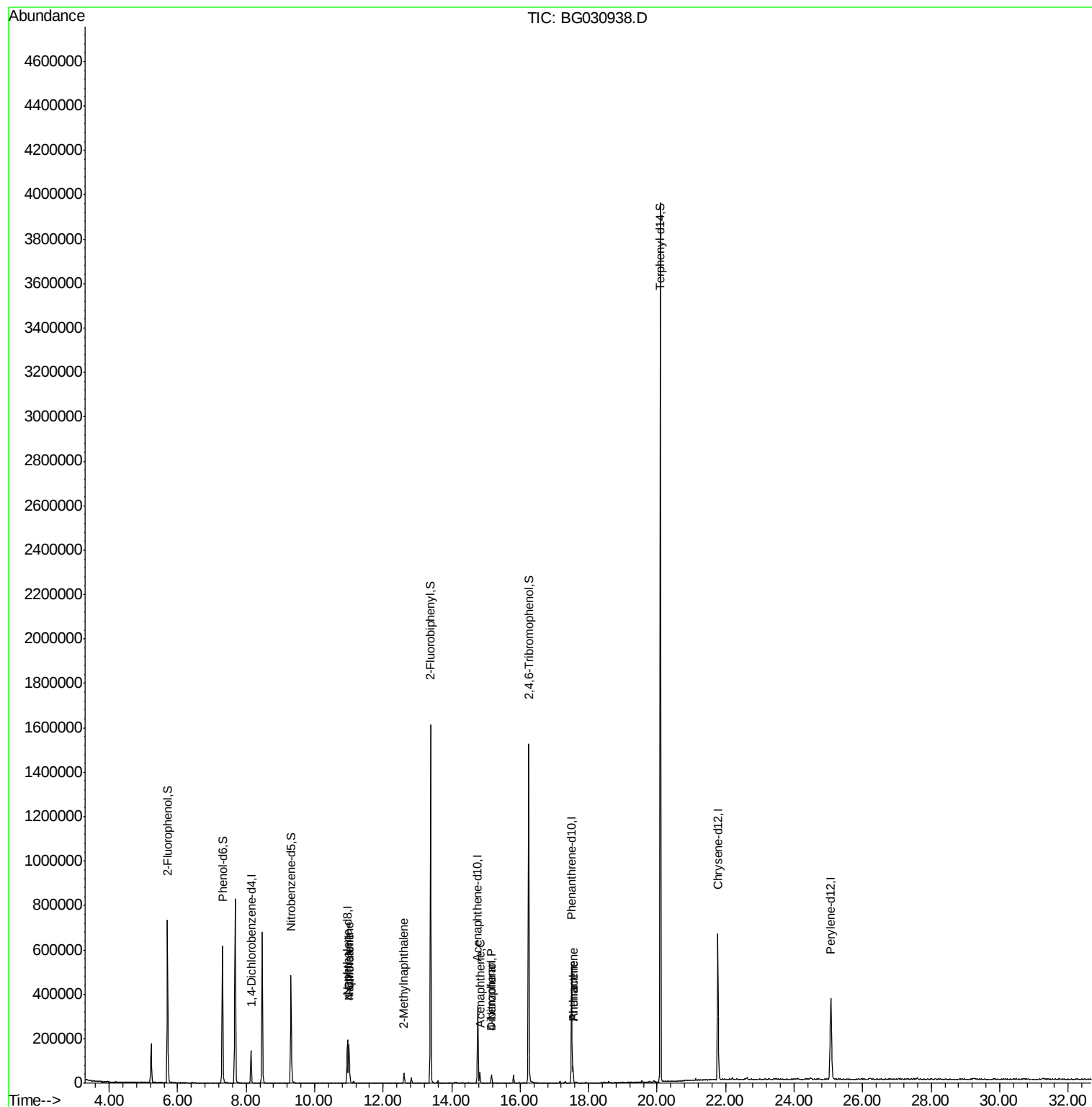
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42886	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	184864	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	125050	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	349723	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	446859	20.00	ng	0.00
86) Perylene-d12	25.08	264	440207	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	350330	140.08	ng	0.00
7) Phenol-d6	7.31	99	386470	114.70	ng	0.00
23) Nitrobenzene-d5	9.31	82	308934	99.03	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	344100	170.10	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	884922	101.68	ng	-0.01
78) Terphenyl-d14	20.09	244	1885024	93.15	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	165148	18.173	ng	Qvalue 98
33) 4-Chloroaniline	11.01	127	21789	5.477	ng	# 31
37) 2-Methylnaphthalene	12.60	142	24429	3.482	ng	98
51) Acenaphthene	14.82	154	19678	2.573	ng	90
54) Dibenzofuran	15.16	168	30125	2.473	ng	98
55) 4-Nitrophenol	15.17	139	10926	6.482	ng	# 1
70) Phenanthrene	17.54	178	52433	2.880	ng	97
71) Anthracene	17.54	178	52433	2.874	ng	97

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

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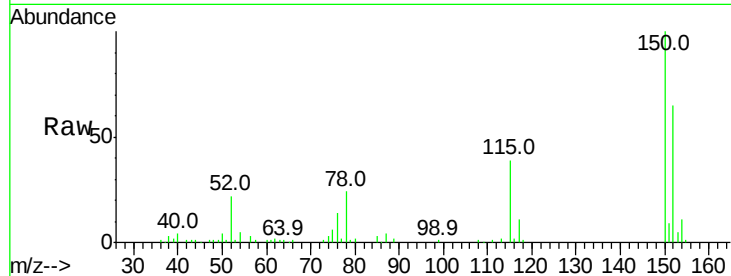


#1

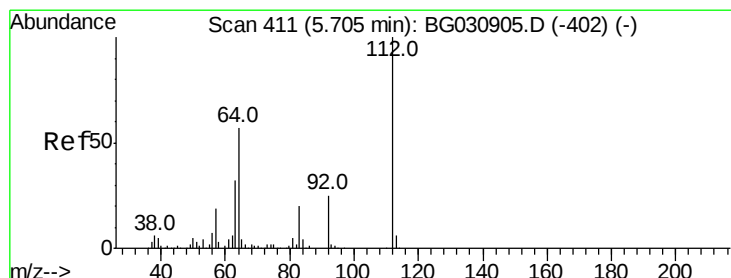
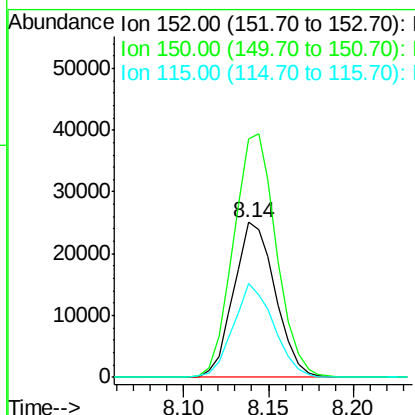
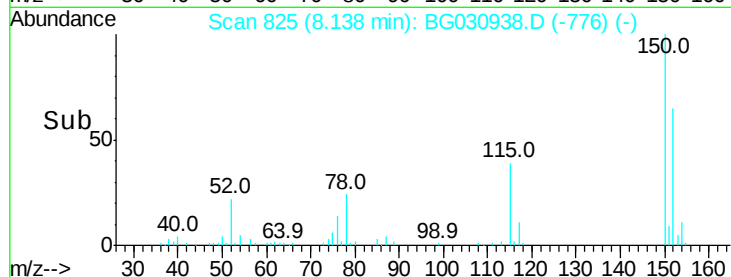
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG030938.D
Acq: 11 Nov 2017 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42886
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 60.2 53.0 79.4



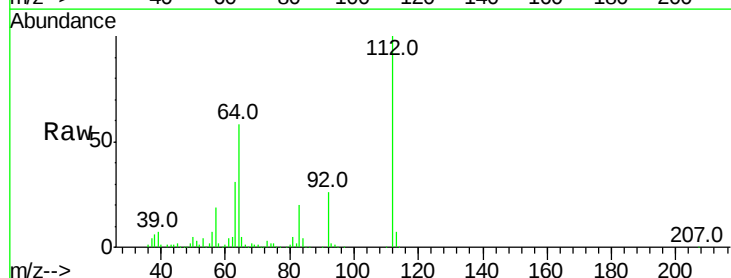
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



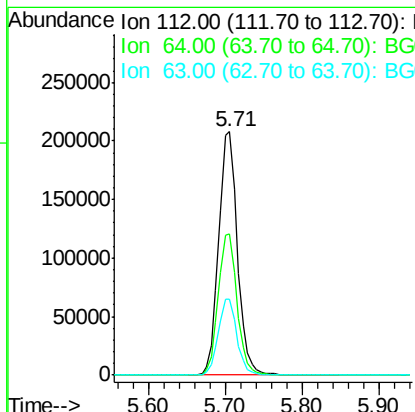
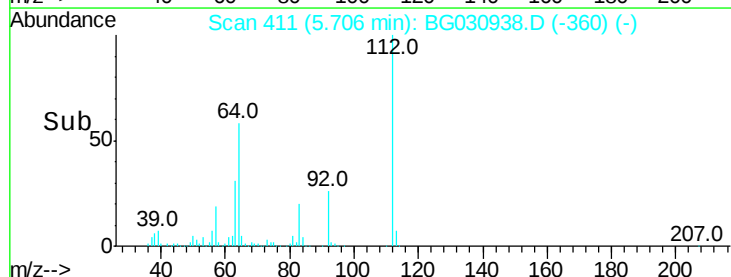
#5

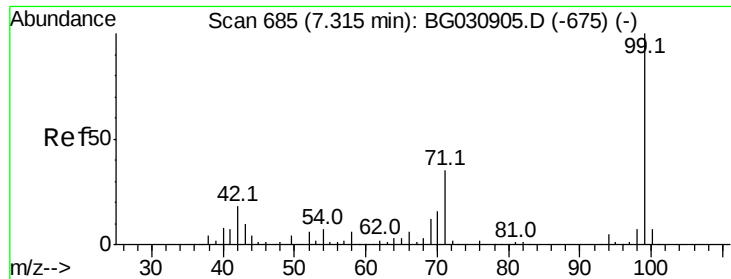
2-Fluorophenol
Concen: 140.076 ng
RT: 5.71 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030938.D
Acq: 11 Nov 2017 11:30

Tgt Ion:112 Resp: 350330
Ion Ratio Lower Upper
112 100
64 57.8 56.3 84.5
63 31.0 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: 114.701 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030938.D

Acq: 11 Nov 2017 11:30

Instrument :

BNA_G

ClientSampleId :

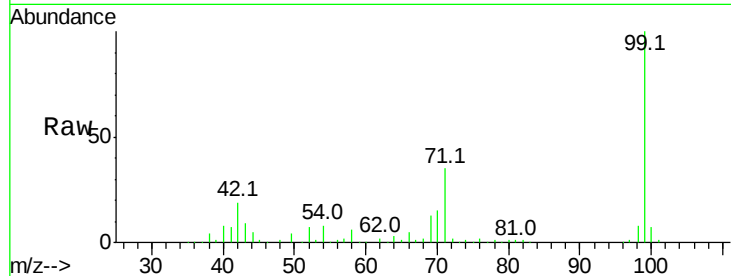
Tot Ion: 99 Resp: 386470

Ion Ratio Lower Upper

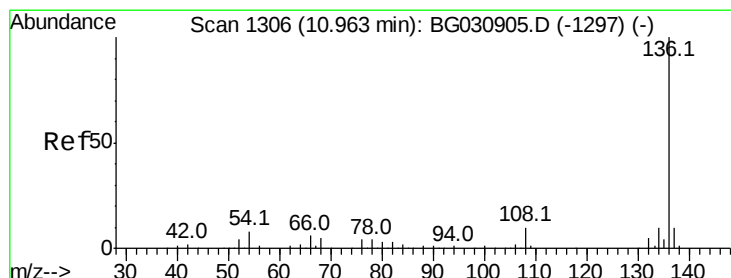
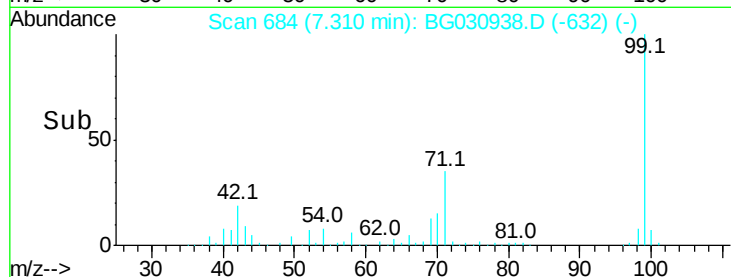
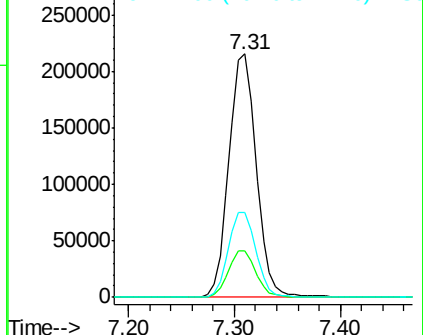
99 100

42 19.2 14.1 21.1

71 35.1 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: BG030938.D

Acq: 11 Nov 2017 11:30

Tgt Ion: 136 Resp: 184864

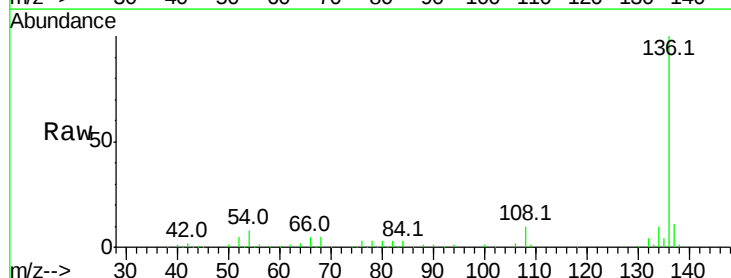
Ion Ratio Lower Upper

136 100

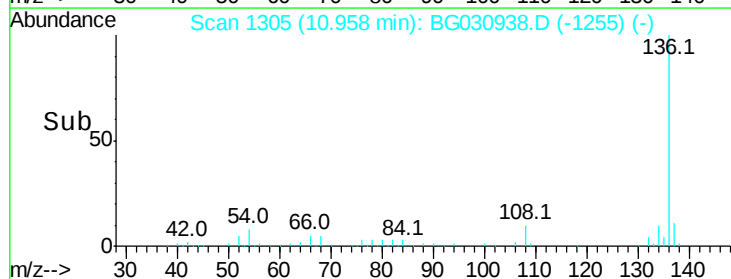
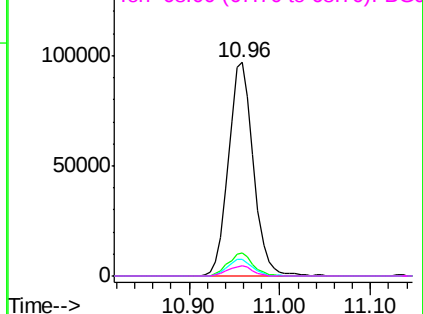
137 11.1 9.2 13.8

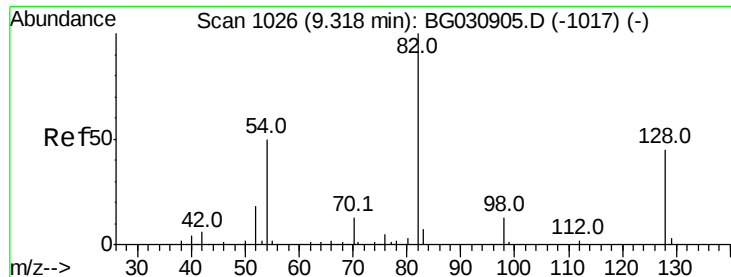
54 7.8 10.3 15.5#

68 5.0 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

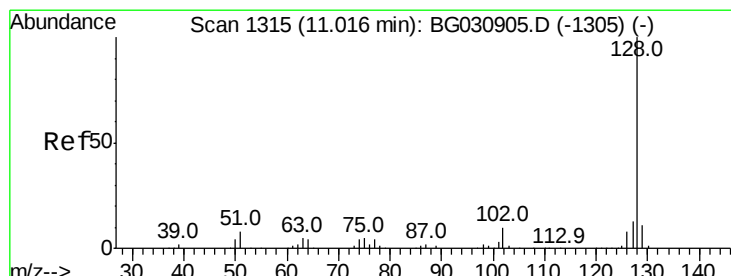
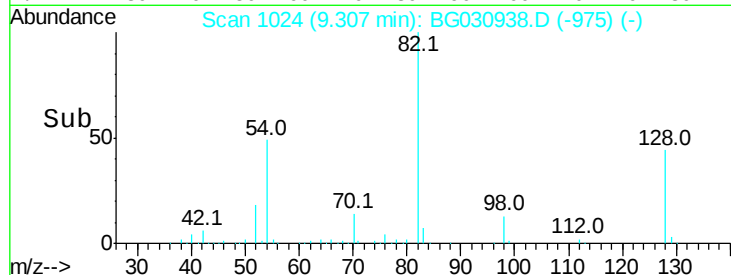
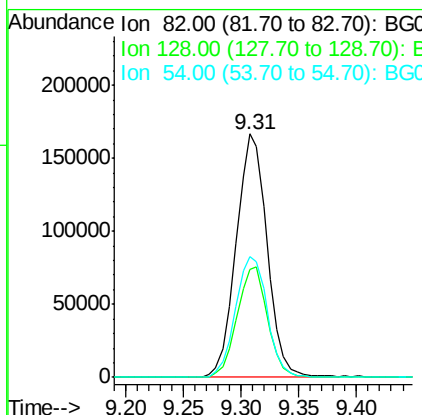
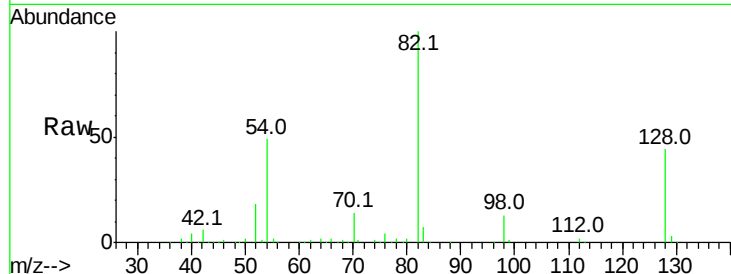




#23
Nitrobenzene-d5
Concen: 99.026 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG030938.D
Acq: 11 Nov 2017 11:30

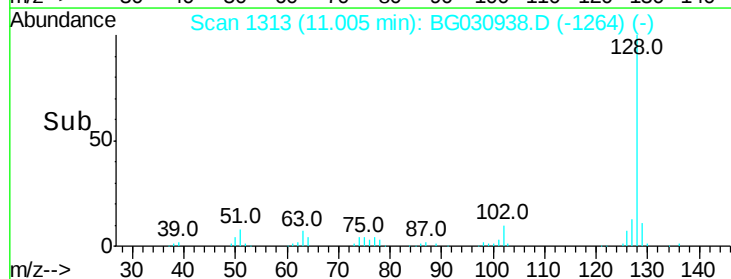
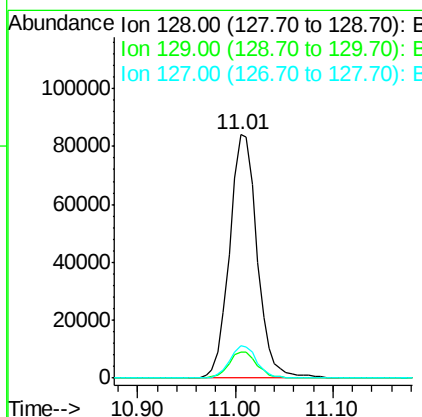
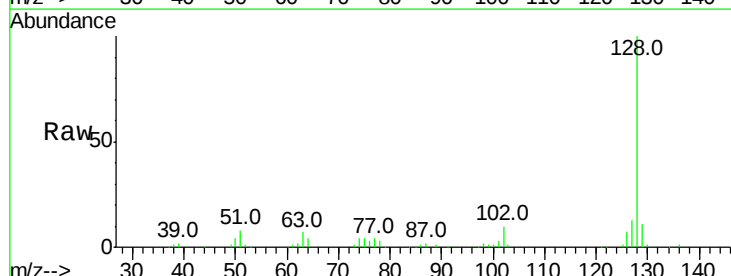
Instrument :
BNA_G
ClientSampleId :

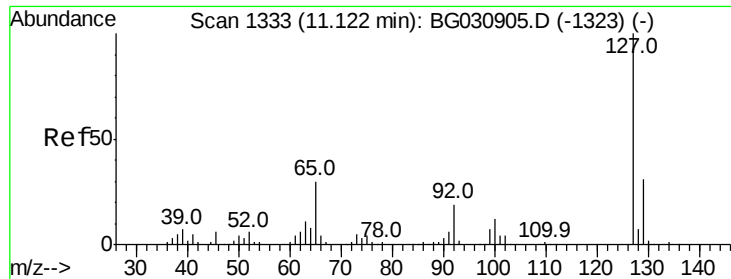
Tot Ion	82	Resp	308934
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
54	49.5	43.1	64.7



#31
Naphthalene
Concen: 18.173 ng
RT: 11.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG030938.D
Acq: 11 Nov 2017 11:30

Tgt Ion	128	Resp	165148
Ion Ratio	100		
Lower	8.6		
Upper	12.8		
129	10.9	11.6	17.4

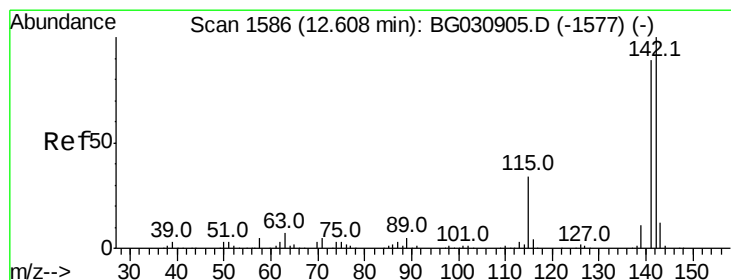
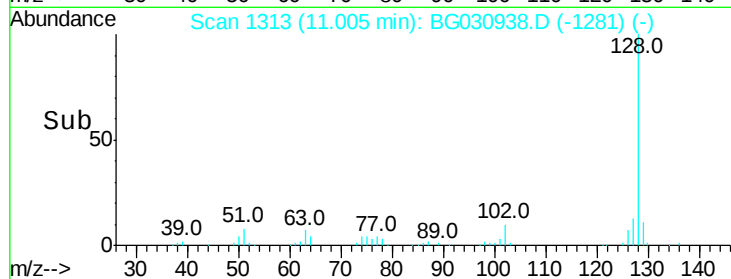
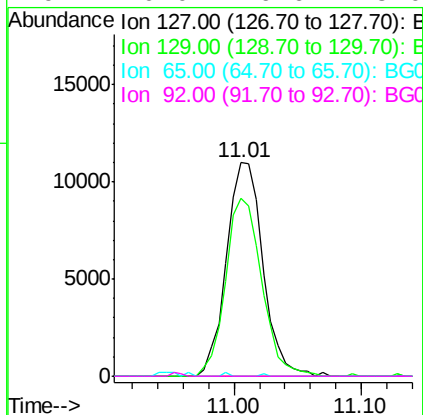
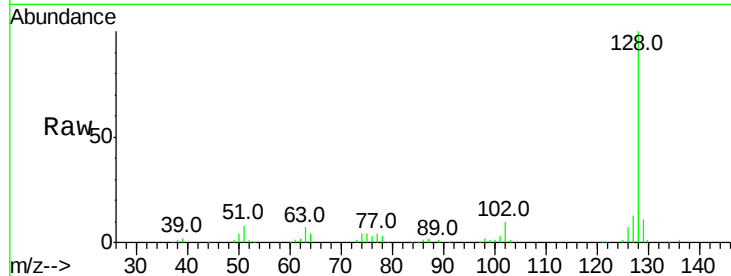




#33
 4-Chloroaniline
 Concen: 5.477 ng
 RT: 11.01 min Scan# 1313
 Delta R.T. -0.11 min
 Lab File: BG030938.D
 Acq: 11 Nov 2017 11:30

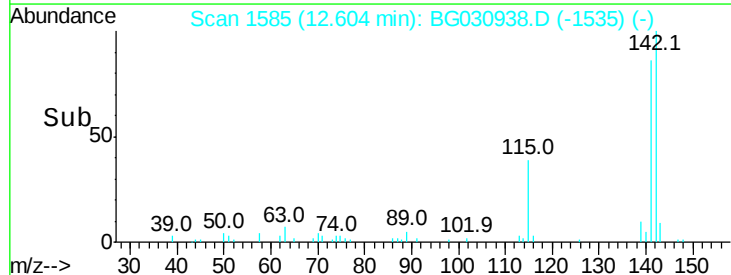
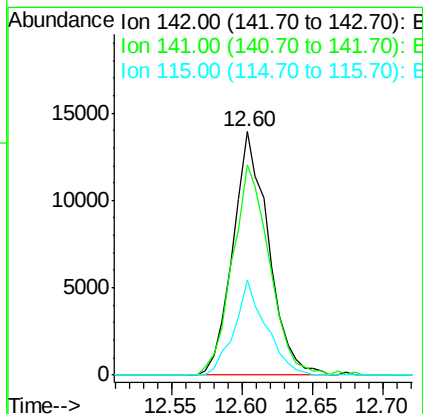
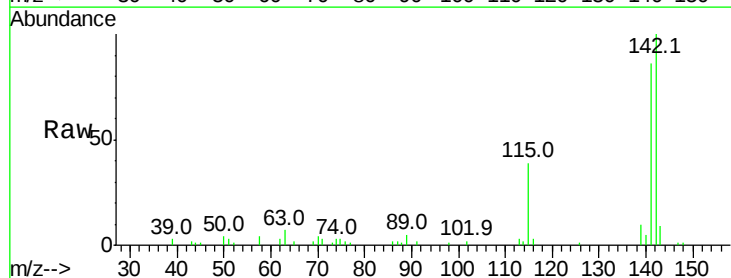
Instrument :
 BNA_G
 ClientSampleId :

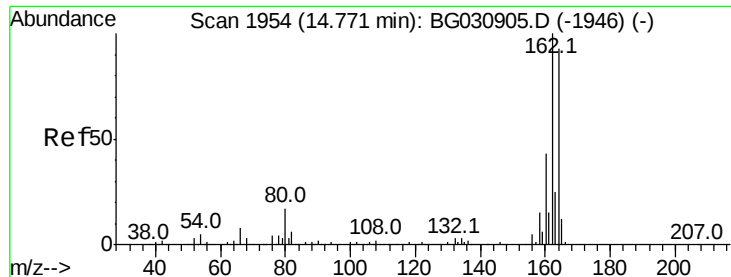
Tot Ion:	127	Resp:	21789
Ion	Ratio	Lower	Upper
127	100		
129	83.2	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#37
 2-Methylnaphthalene
 Concen: 3.482 ng
 RT: 12.60 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BG030938.D
 Acq: 11 Nov 2017 11:30

Tgt Ion:	142	Resp:	24429
Ion	Ratio	Lower	Upper
142	100		
141	86.2	67.1	100.7
115	39.3	30.7	46.1

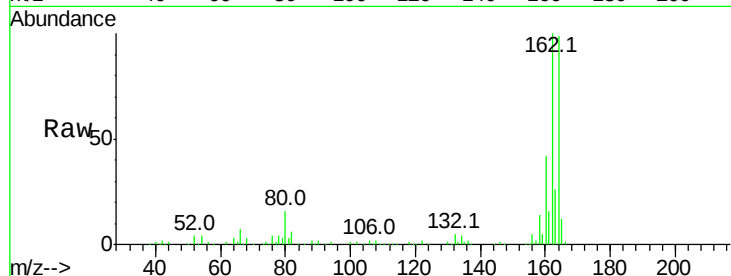




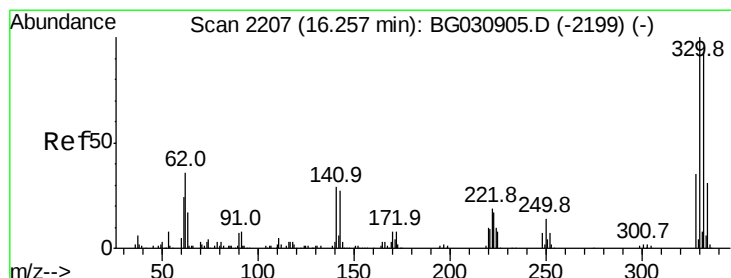
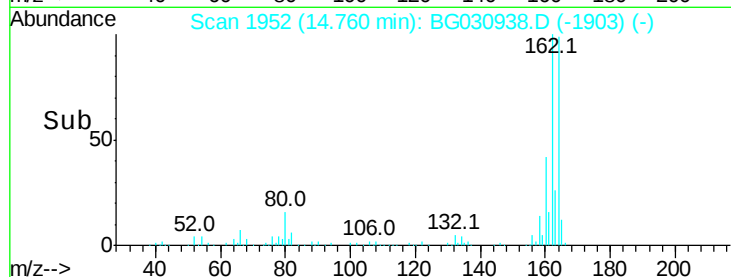
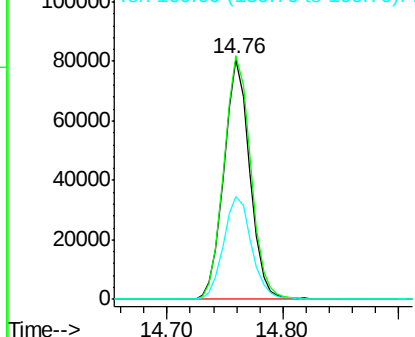
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG030938.D
Acq: 11 Nov 2017 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 125050
Ion Ratio Lower Upper
164 100
162 101.3 78.8 118.2
160 43.0 35.4 53.0

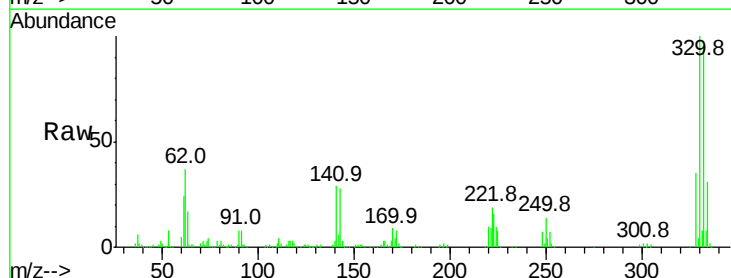


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

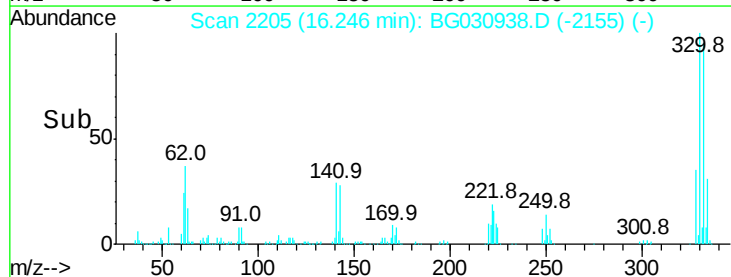
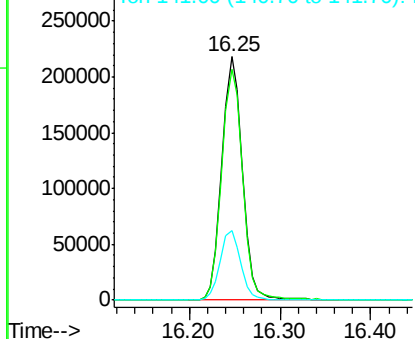


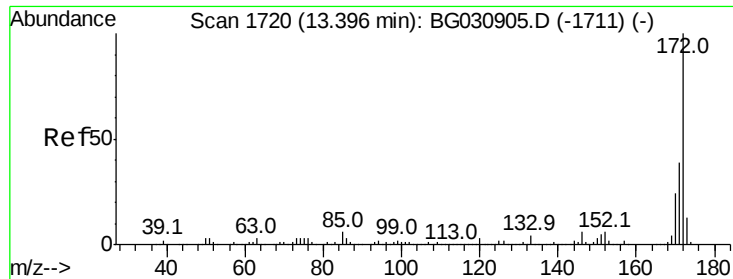
#41
2,4,6-Tribromophenol
Concen: 170.102 ng
RT: 16.25 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG030938.D
Acq: 11 Nov 2017 11:30

Tgt Ion:330 Resp: 344100
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 28.8 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

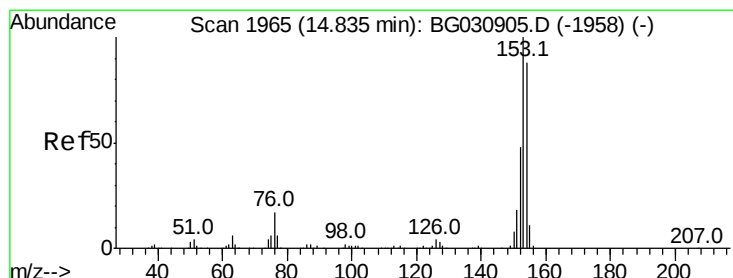
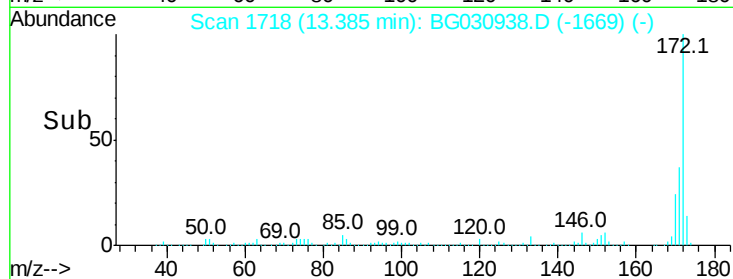
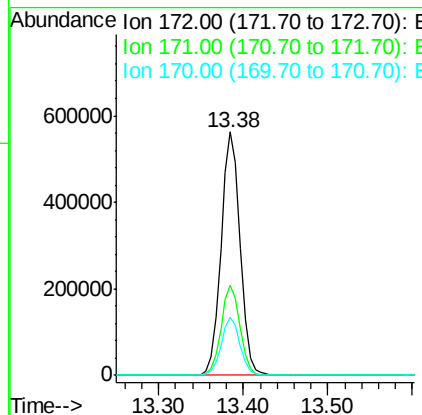
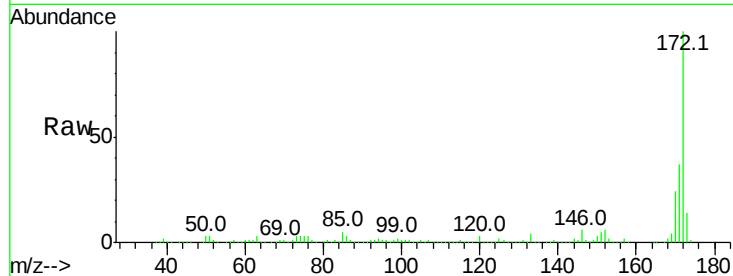




#44
 2-Fluorobiphenyl
 Concen: 101.682 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG030938.D
 Acq: 11 Nov 2017 11:30

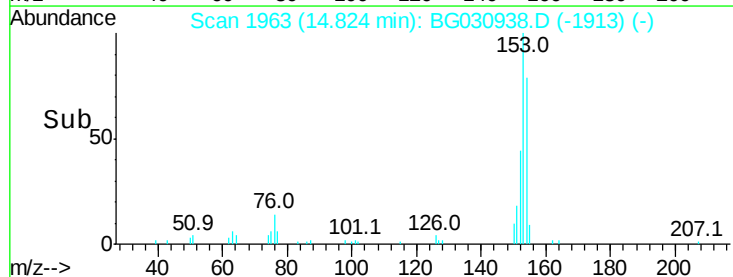
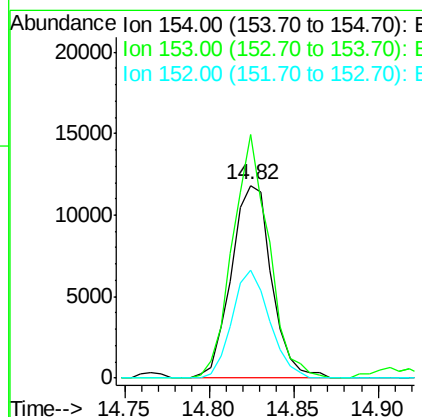
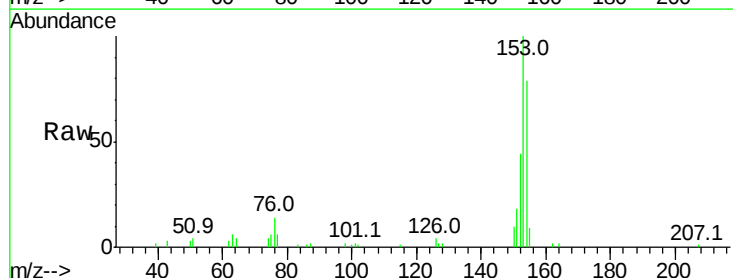
Instrument :
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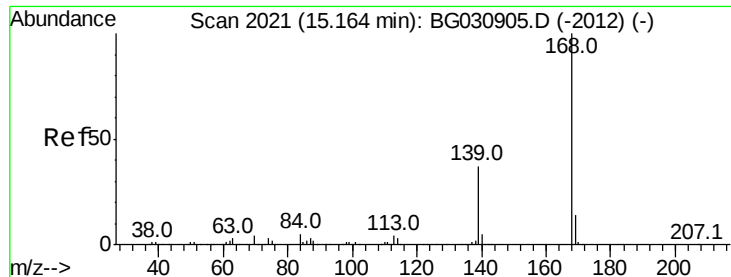
Tot Ion:172 Resp: 884922
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 23.9 19.5 29.3



#51
 Acenaphthene
 Concen: 2.573 ng
 RT: 14.82 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG030938.D
 Acq: 11 Nov 2017 11:30

Tgt Ion:154 Resp: 19678
 Ion Ratio Lower Upper
 154 100
 153 126.4 90.4 135.6
 152 55.8 41.6 62.4





#54

Dibenzofuran

Concen: 2.473 ng

RT: 15.16 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BG030938.D

Acq: 11 Nov 2017 11:30

Instrument :

BNA_G

ClientSampleId :

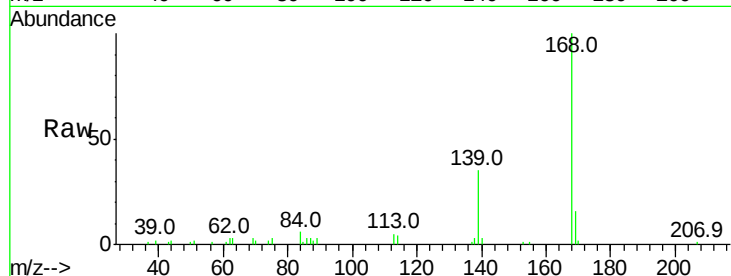
Tot Ion:168 Resp: 30125

Ion Ratio Lower Upper

168 100

139 34.7 28.6 43.0

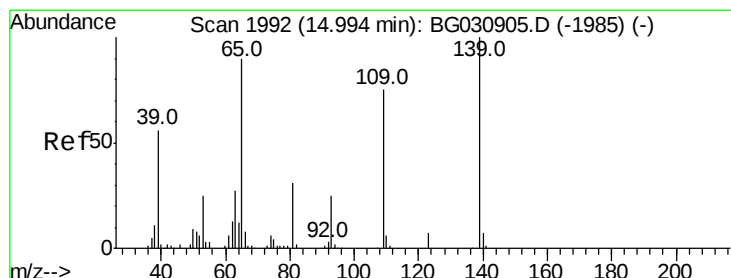
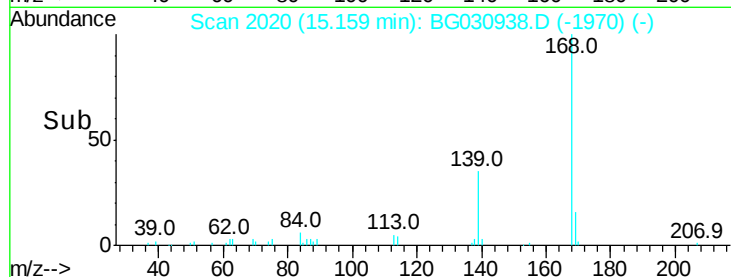
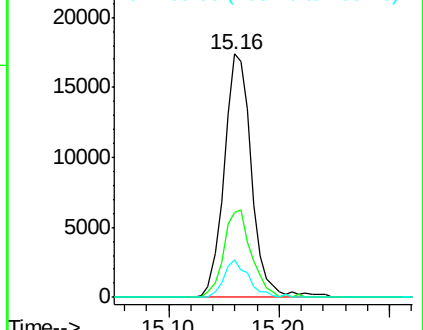
169 15.6 11.2 16.8



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



#55

4-Nitrophenol

Concen: 6.482 ng

RT: 15.17 min Scan# 2021

Delta R.T. 0.19 min

Lab File: BG030938.D

Acq: 11 Nov 2017 11:30

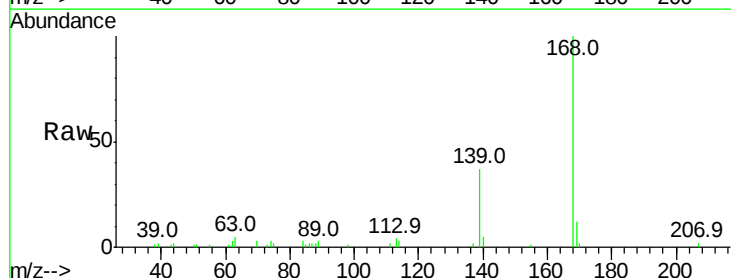
Tgt Ion:139 Resp: 10926

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

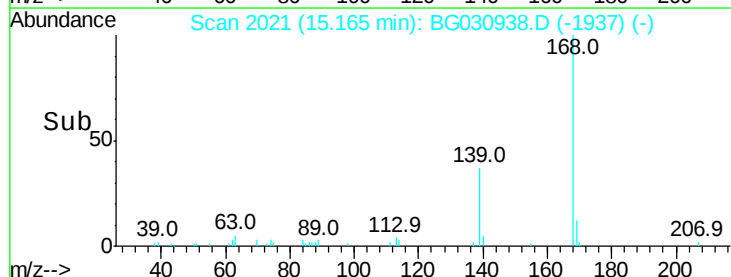
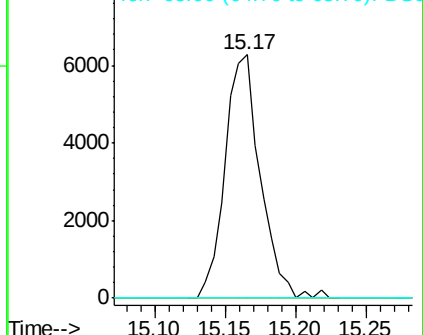
65 0.0 97.2 137.2#

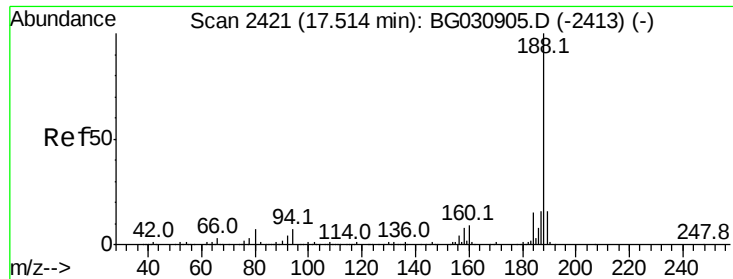


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

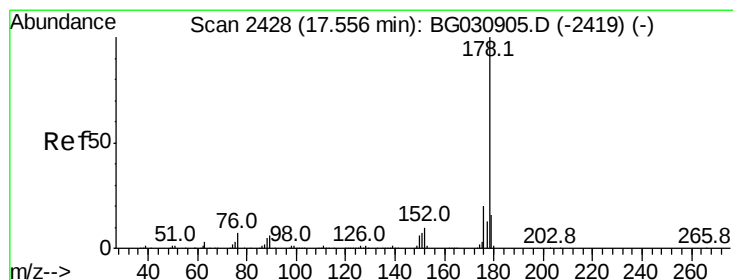
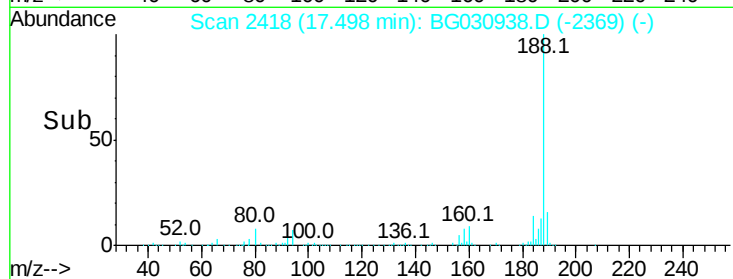
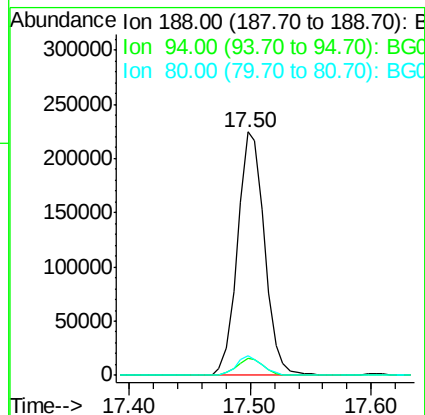
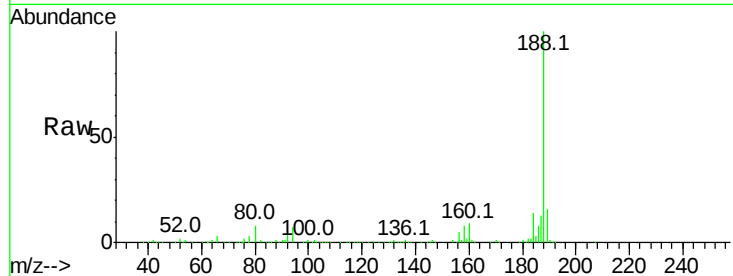




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG030938.D
 Acq: 11 Nov 2017 11:30

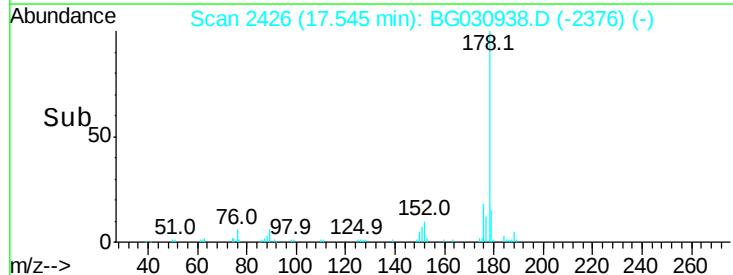
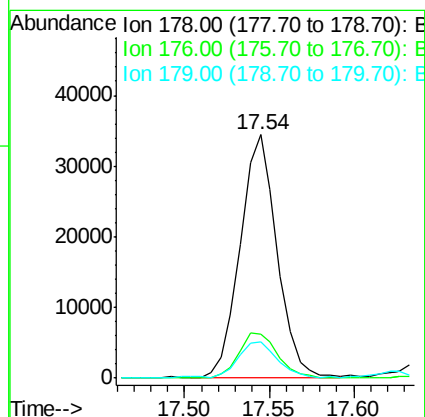
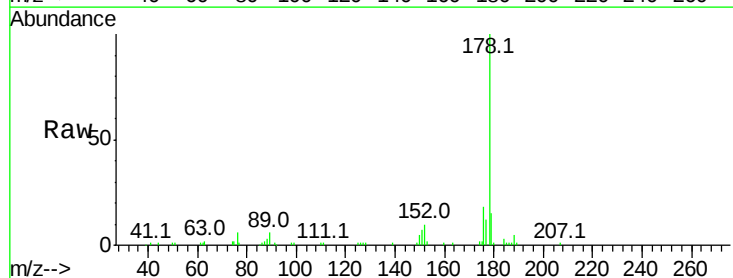
Instrument :
 BNA_G
 ClientSampleId :

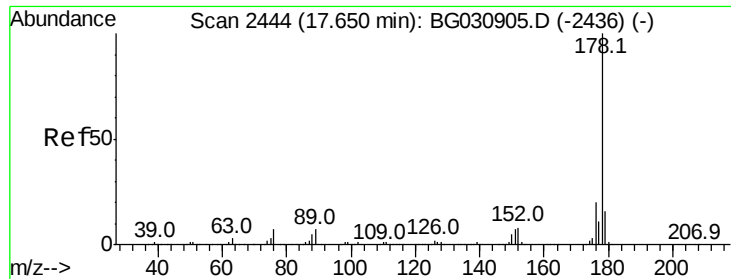
Tot Ion:188 Resp: 349723
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.9 10.3
 80 7.8 7.7 11.5



#70
 Phenanthrene
 Concen: 2.880 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG030938.D
 Acq: 11 Nov 2017 11:30

Tgt Ion:178 Resp: 52433
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.7 23.5
 179 14.8 12.5 18.7

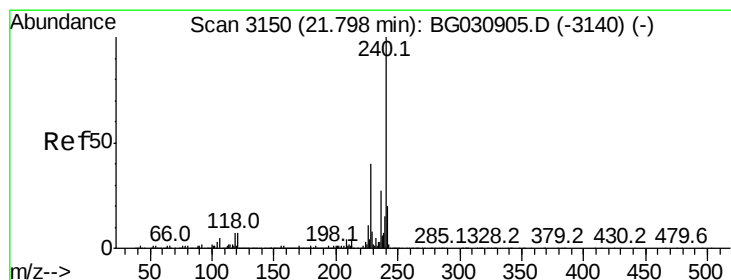
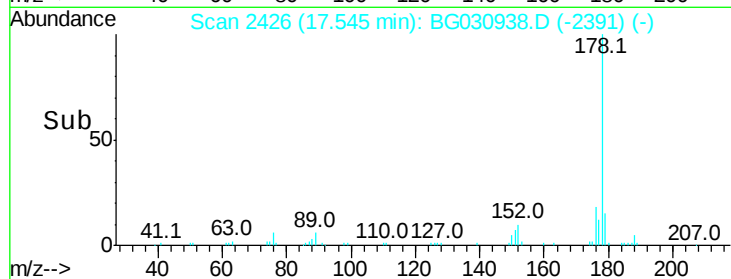
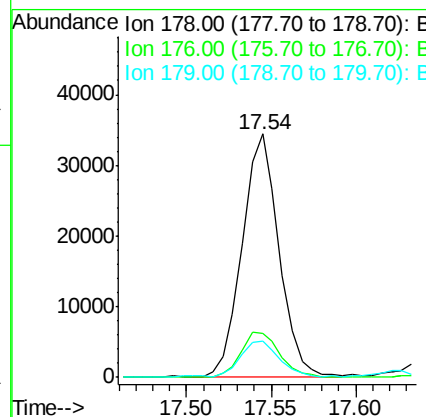
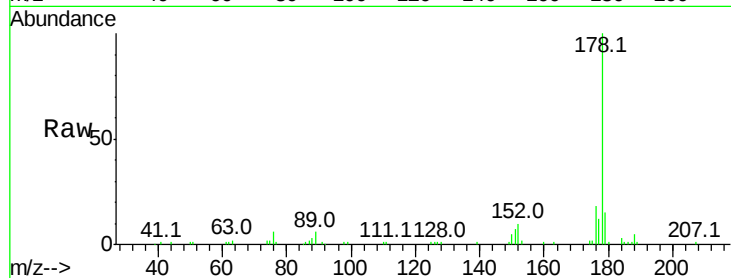




#71
 Anthracene
 Concen: 2.874 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.10 min
 Lab File: BG030938.D
 Acq: 11 Nov 2017 11:30

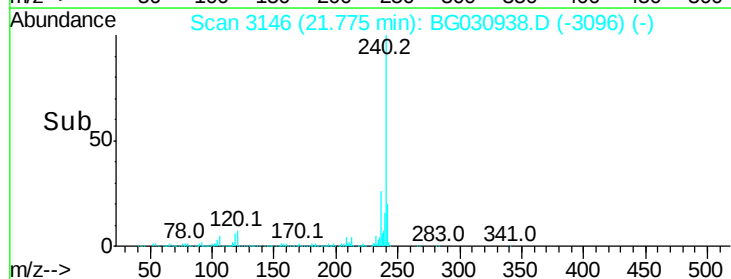
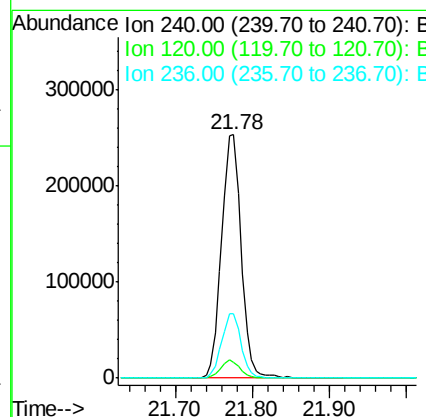
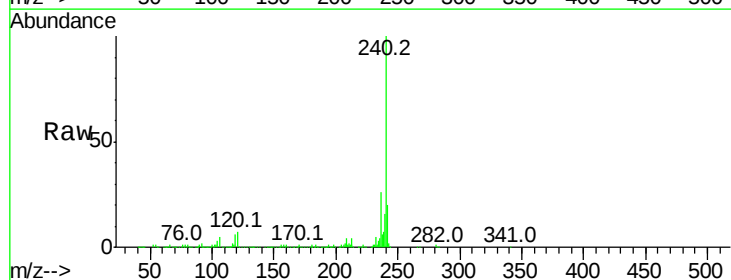
Instrument :
 BNA_G
 ClientSampleId :

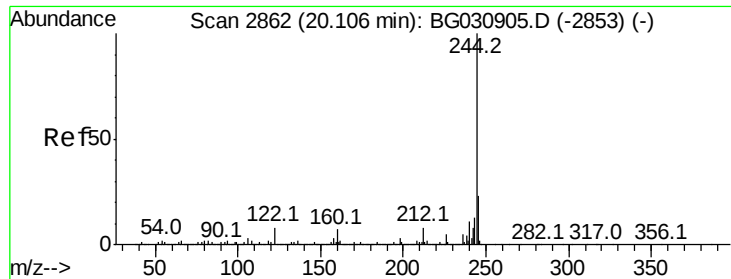
Tot Ion:178 Resp: 52433
 Ion Ratio Lower Upper
 178 100
 176 18.0 16.0 24.0
 179 14.8 12.5 18.7



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG030938.D
 Acq: 11 Nov 2017 11:30

Tgt Ion:240 Resp: 446859
 Ion Ratio Lower Upper
 240 100
 120 6.6 6.8 10.2#
 236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 93.146 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030938.D

Acq: 11 Nov 2017 11:30

Instrument :

BNA_G

ClientSampleId :

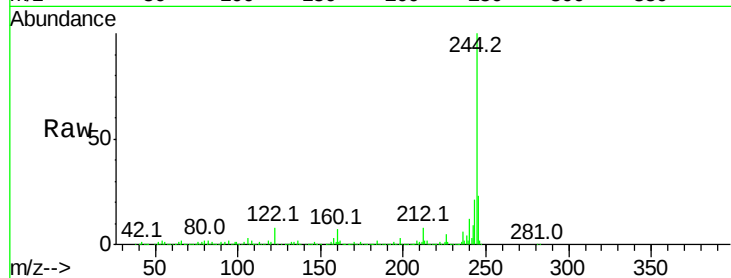
Tot Ion:244 Resp: 1885024

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

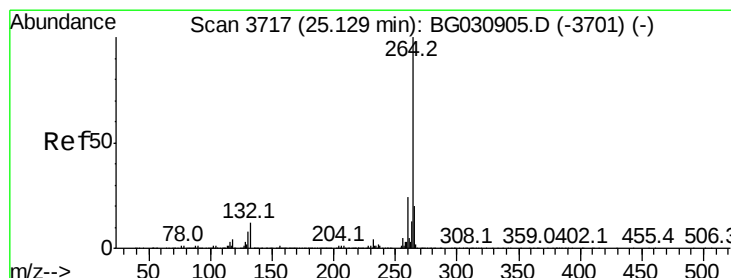
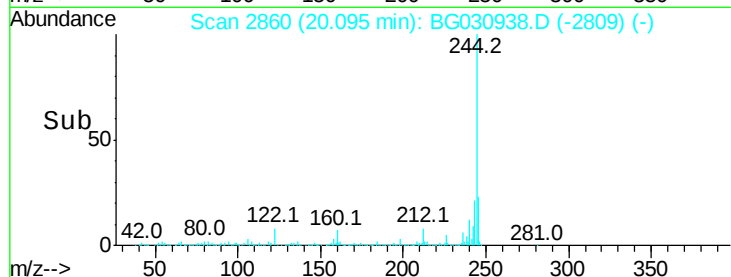
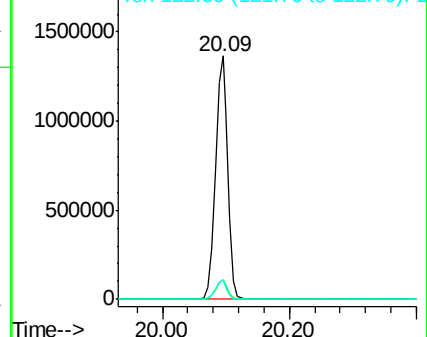
122 7.9 7.0 10.4



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: 25.08 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG030938.D

Acq: 11 Nov 2017 11:30

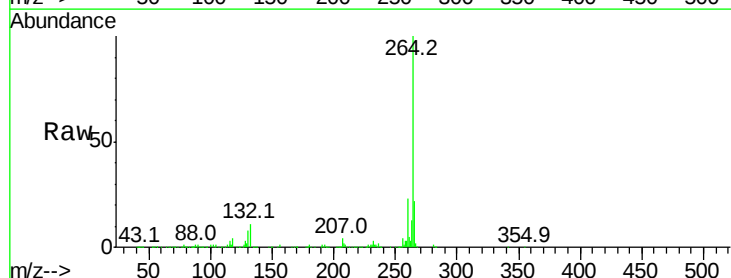
Tgt Ion:264 Resp: 440207

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.7 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

