

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031019.D
 Acq On : 15 Nov 2017 17:26
 Operator : SJ/JU
 Sample : I6302-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-04-111317-C

Quant Time: Nov 16 07:55:41 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

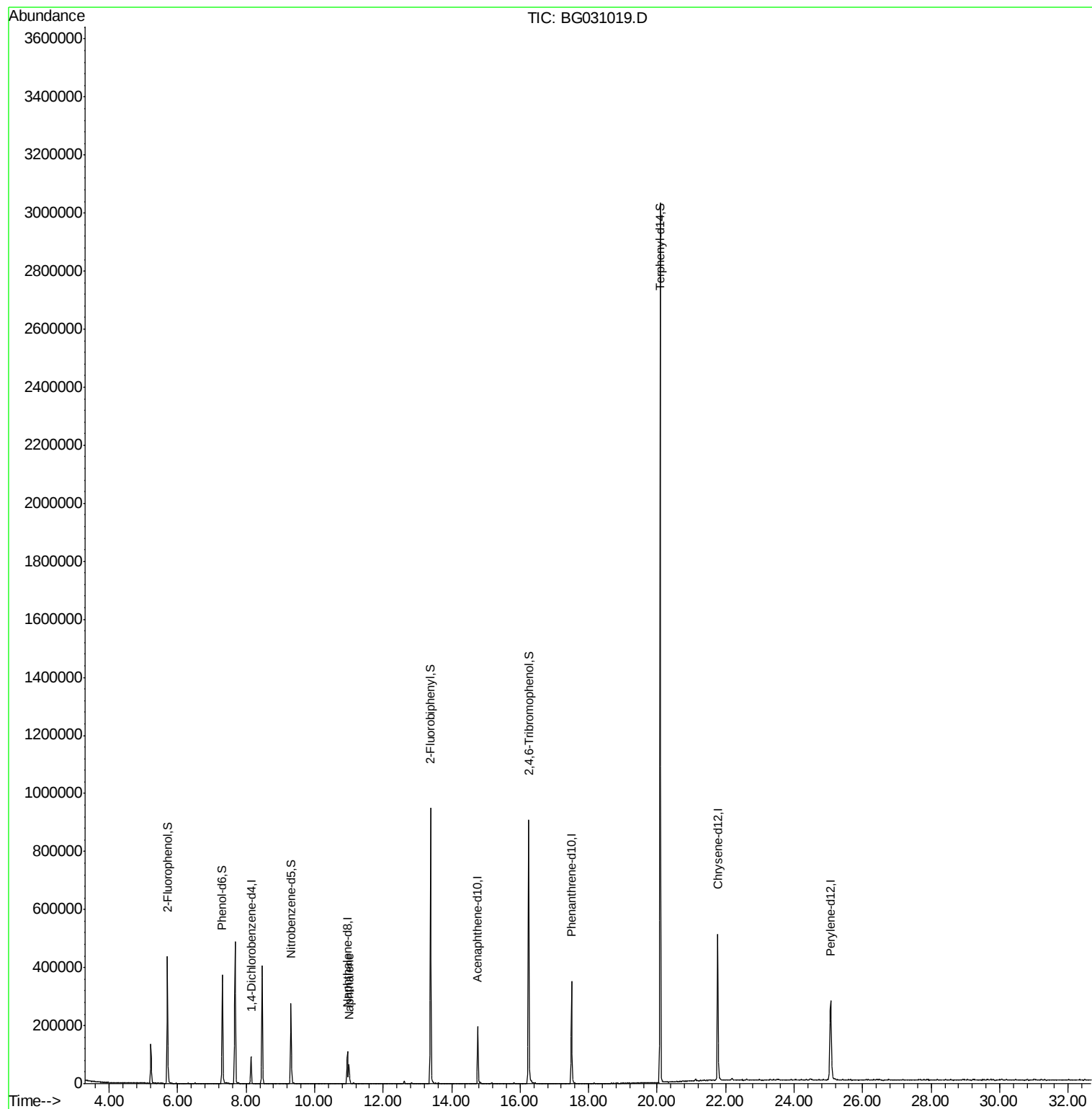
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	30037	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	114329	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	77905	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	245775	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	374759	20.00	ng	-0.01
86) Perylene-d12	25.06	264	376385	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	205163	117.12	ng	0.00
7) Phenol-d6	7.30	99	227866	96.56	ng	0.00
23) Nitrobenzene-d5	9.31	82	176298	91.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	243545	193.25	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	567615	104.69	ng	-0.01
78) Terphenyl-d14	20.09	244	1572690	92.66	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	59771	10.635	ng	Qvalue 99

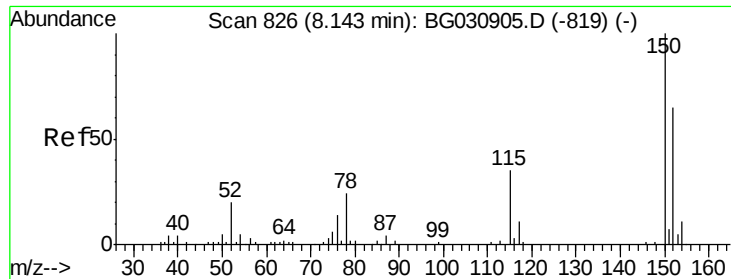
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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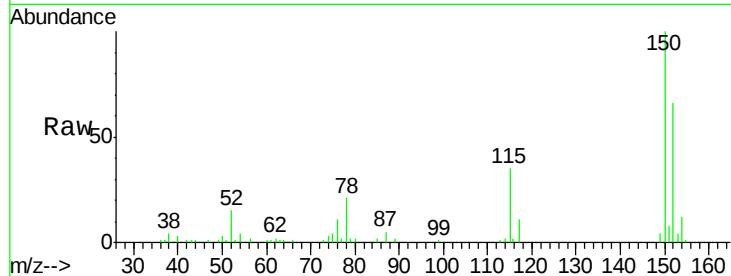


#1

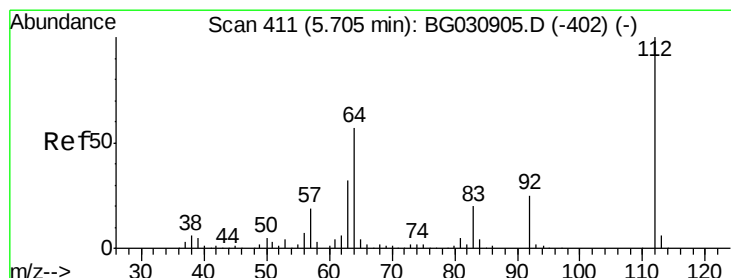
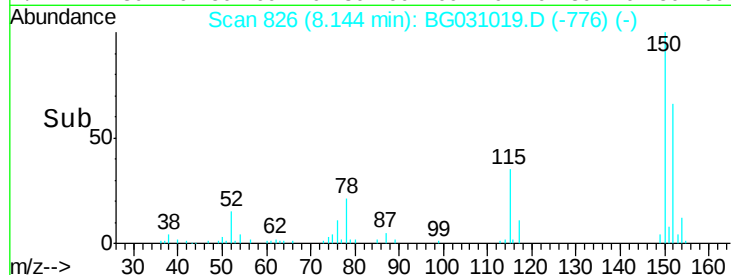
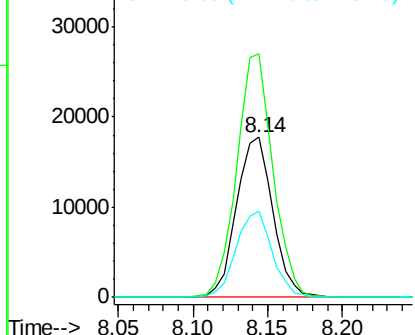
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031019.D
 Acq: 15 Nov 2017 17:26

Instrument :
 BNA_G
 ClientSampleId :
 HR-04-111317-C

Tgt Ion:152 Resp: 30037
 Ion Ratio Lower Upper
 152 100
 150 152.3 126.6 189.8
 115 53.6 53.0 79.4



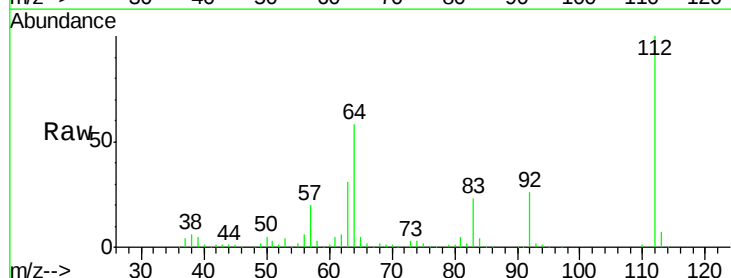
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



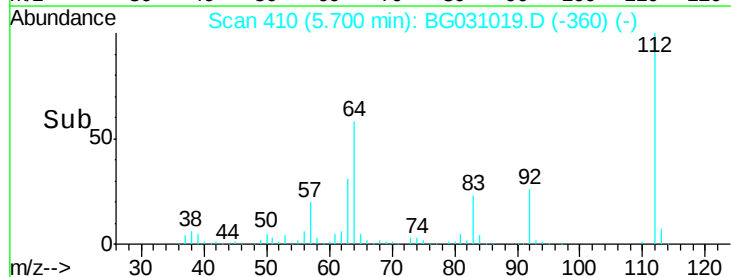
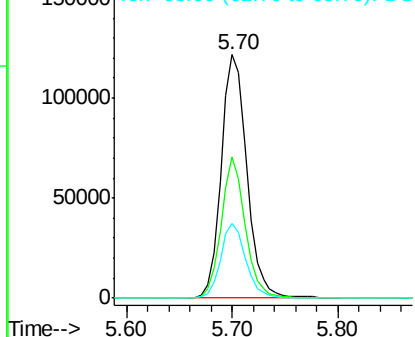
#5

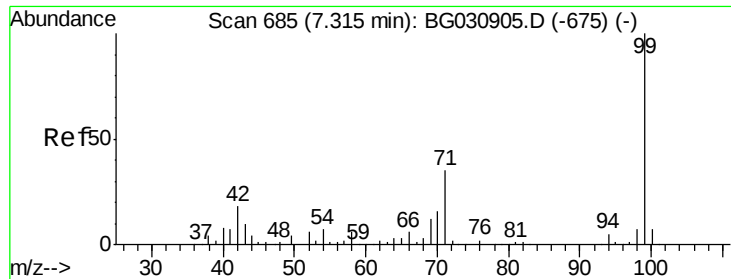
2-Fluorophenol
 Concen: 117.124 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031019.D
 Acq: 15 Nov 2017 17:26

Tgt Ion:112 Resp: 205163
 Ion Ratio Lower Upper
 112 100
 64 57.8 56.3 84.5
 63 30.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.558 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031019.D

Acq: 15 Nov 2017 17:26

Instrument :

BNA_G

ClientSampleId :

HR-04-111317-C

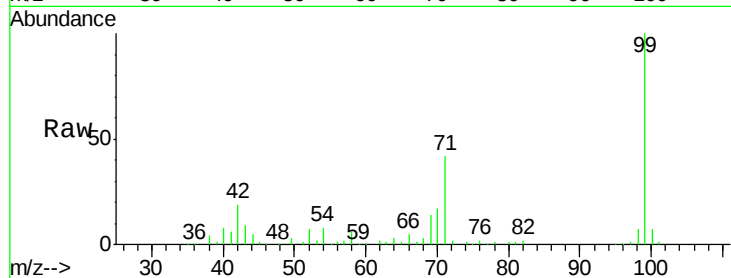
Tgt Ion: 99 Resp: 227866

Ion Ratio Lower Upper

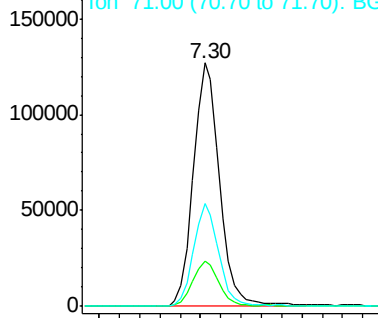
99 100

42 18.6 14.1 21.1

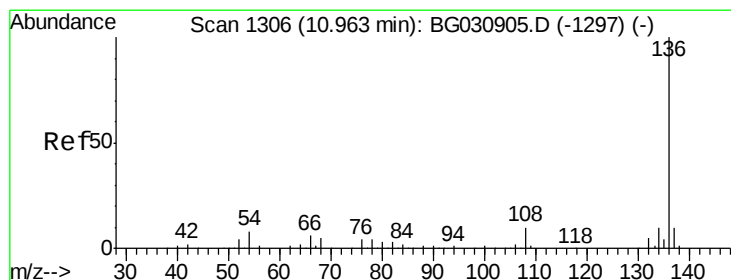
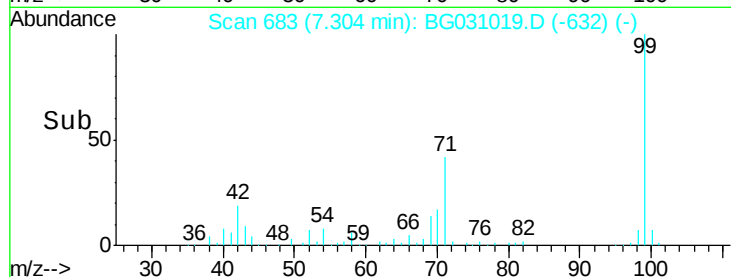
71 42.5 26.1 39.1#



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031019.D

Acq: 15 Nov 2017 17:26

Tgt Ion: 136 Resp: 114329

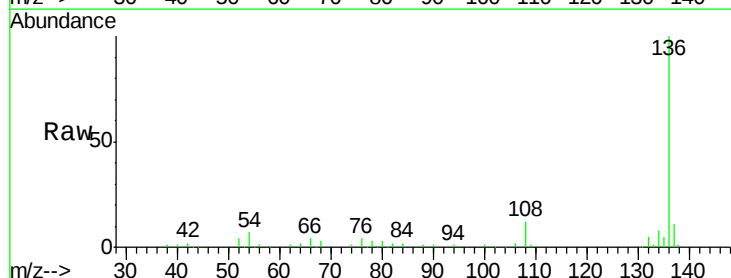
Ion Ratio Lower Upper

136 100

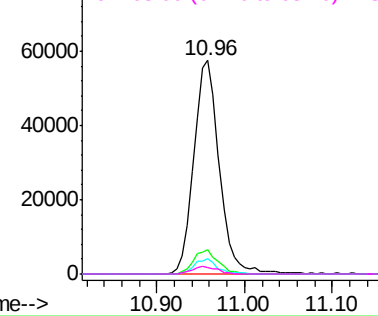
137 11.2 9.2 13.8

54 7.2 10.3 15.5#

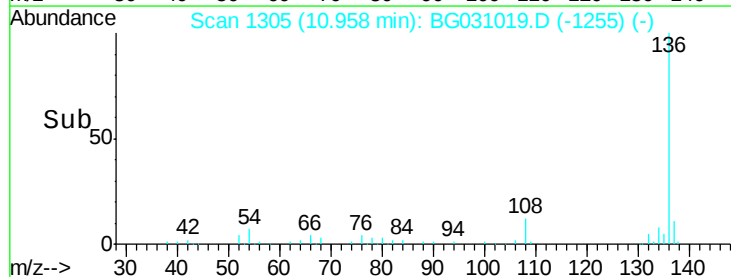
68 2.8 4.5 6.7#

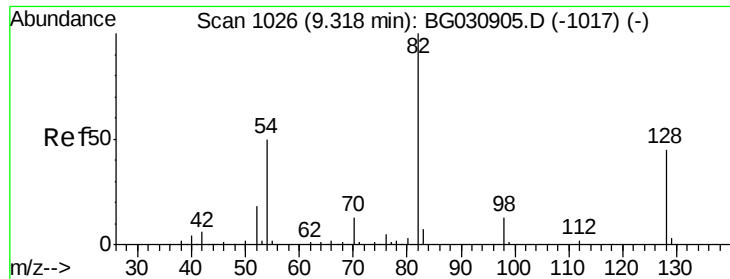


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

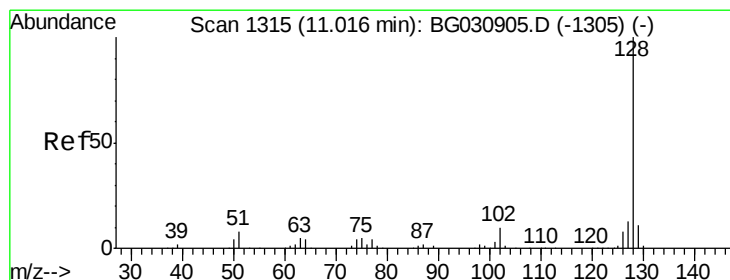
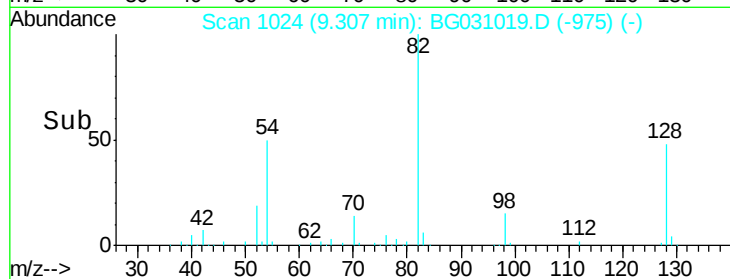
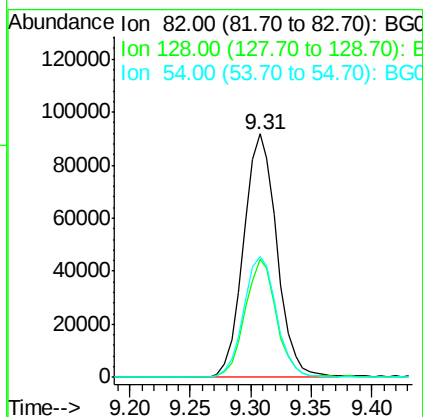
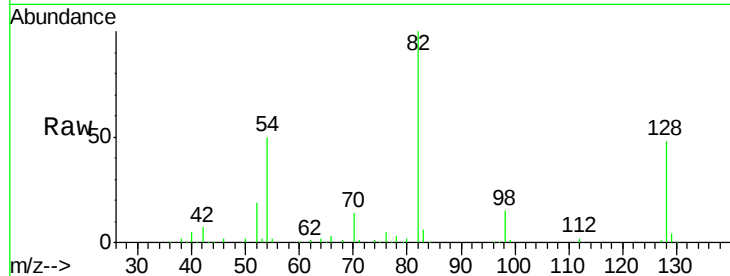




#23
 Nitrobenzene-d5
 Concen: 91.375 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG031019.D
 Acq: 15 Nov 2017 17:26

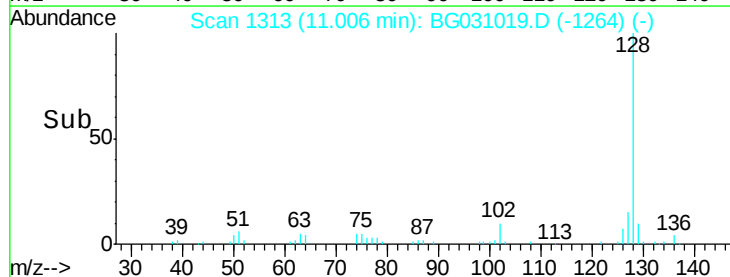
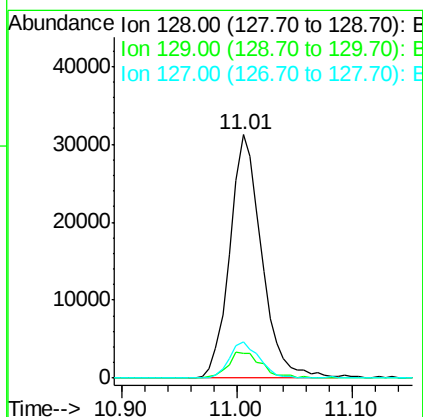
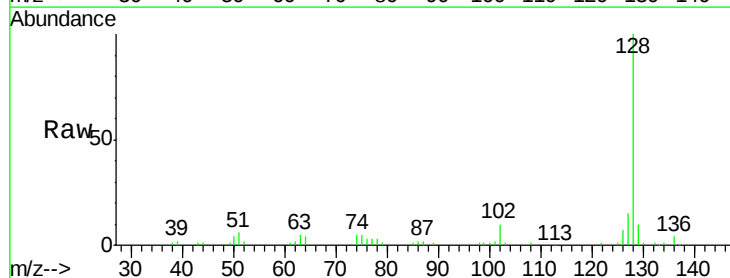
Instrument :
 BNA_G
 ClientSampleId :
 HR-04-111317-C

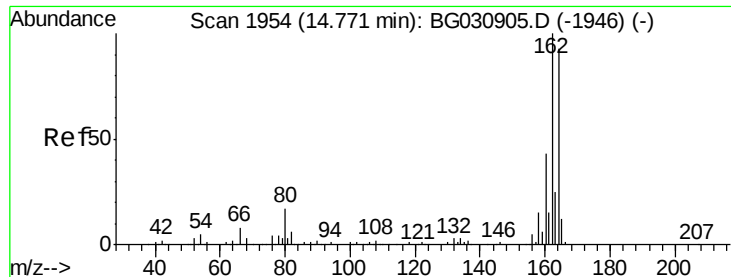
Tgt Ion: 82 Resp: 176298
 Ion Ratio Lower Upper
 82 100
 128 48.5 29.7 44.5#
 54 49.6 43.1 64.7



#31
 Naphthalene
 Concen: 10.635 ng
 RT: 11.01 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BG031019.D
 Acq: 15 Nov 2017 17:26

Tgt Ion: 128 Resp: 59771
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.6 12.8
 127 14.7 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG031019.D

Acq: 15 Nov 2017 17:26

Instrument :

BNA_G

ClientSampleId :

HR-04-111317-C

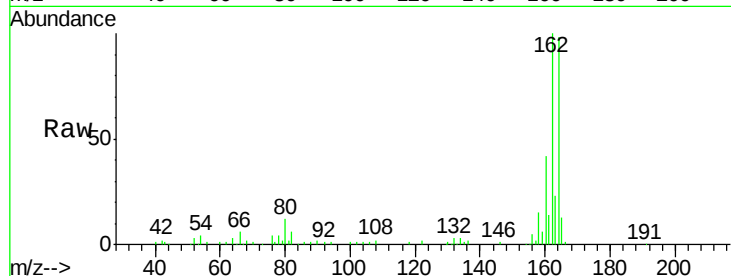
Tgt Ion:164 Resp: 77905

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

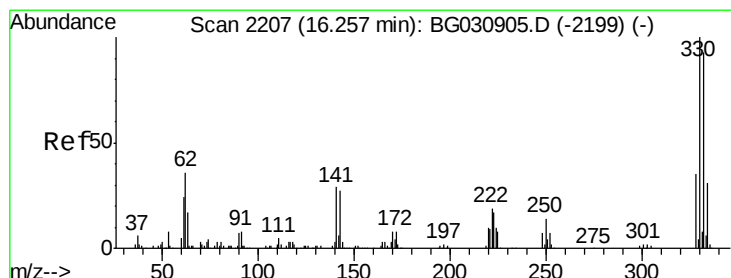
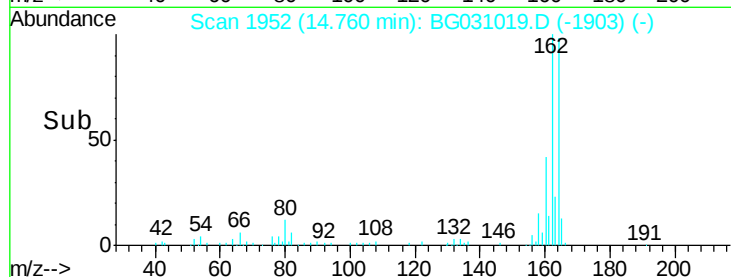
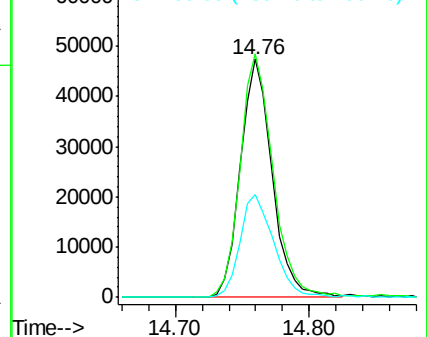
160 43.0 35.4 53.0



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: 193.251 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031019.D

Acq: 15 Nov 2017 17:26

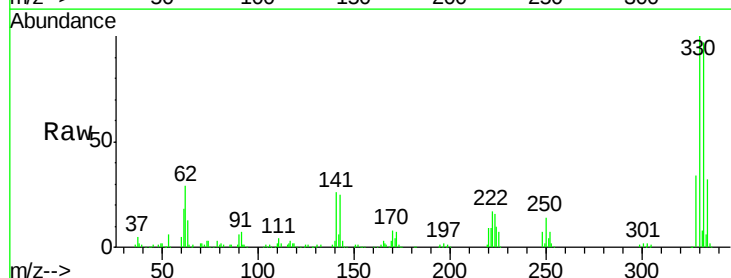
Tgt Ion:330 Resp: 243545

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

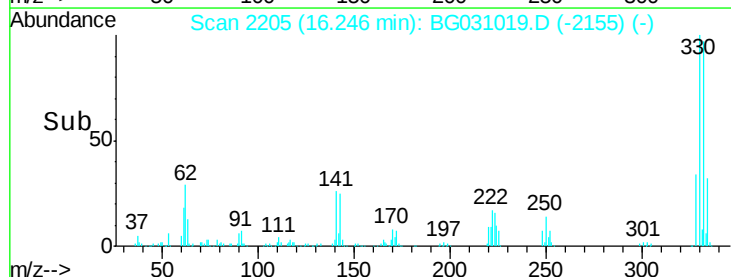
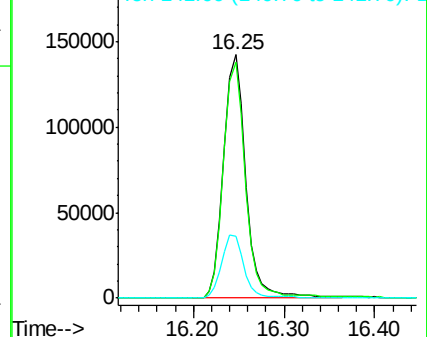
141 26.0 25.2 37.8

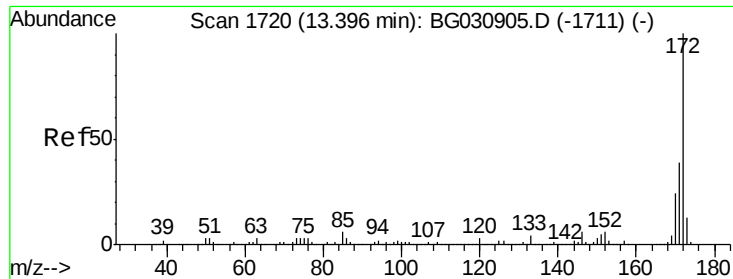


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

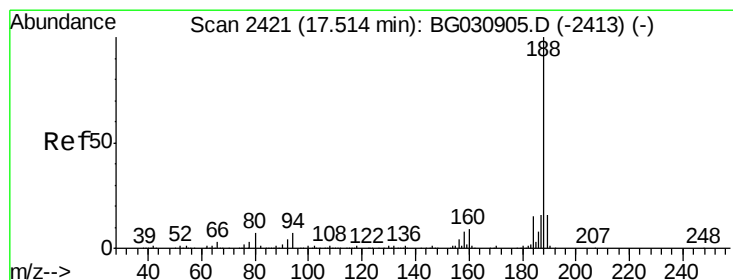
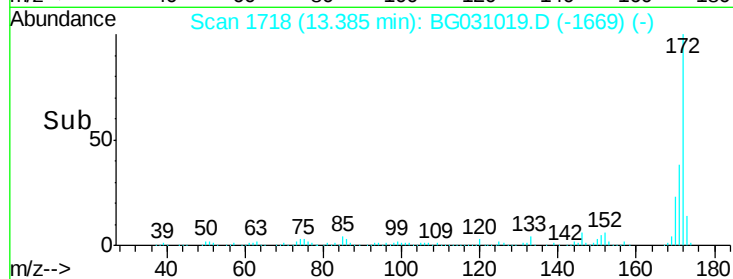
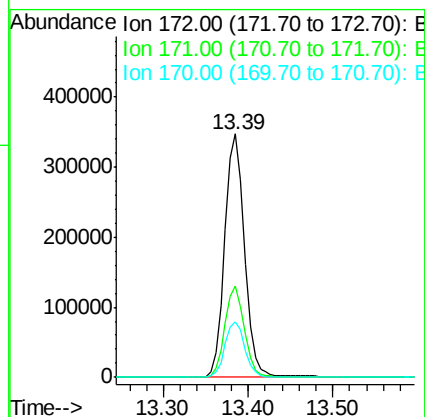
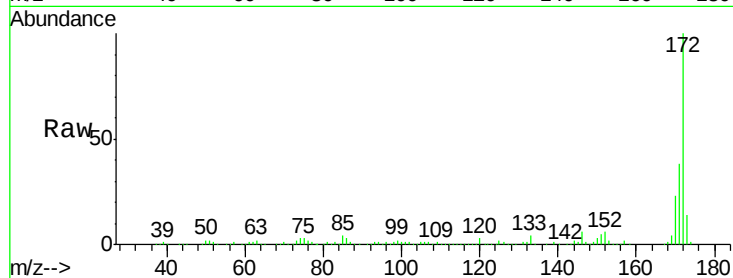




#44
 2-Fluorobiphenyl
 Concen: 104.692 ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG031019.D
 Acq: 15 Nov 2017 17:26

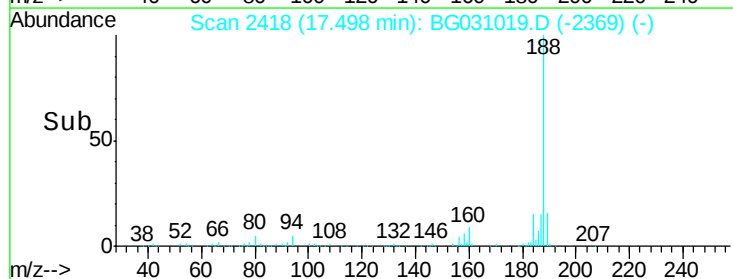
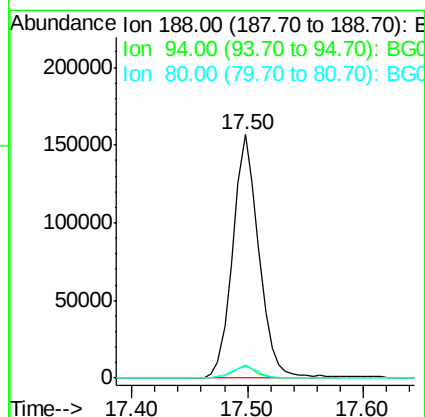
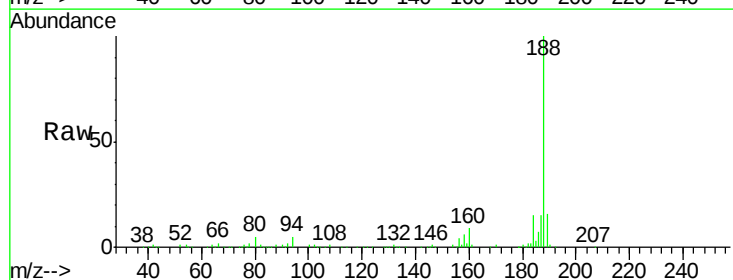
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 HR-04-111317-C

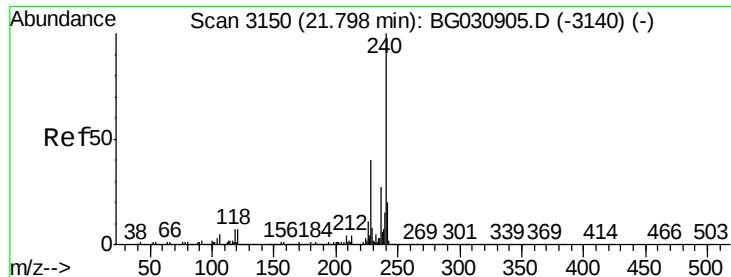
Tgt Ion:	172	Resp:	567615
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	22.8	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG031019.D
 Acq: 15 Nov 2017 17:26

Tgt Ion:	188	Resp:	245775
Ion	Ratio	Lower	Upper
188	100		
94	4.8	6.9	10.3#
80	5.3	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031019.D

Acq: 15 Nov 2017 17:26

Instrument :

BNA_G

ClientSampleId :

HR-04-111317-C

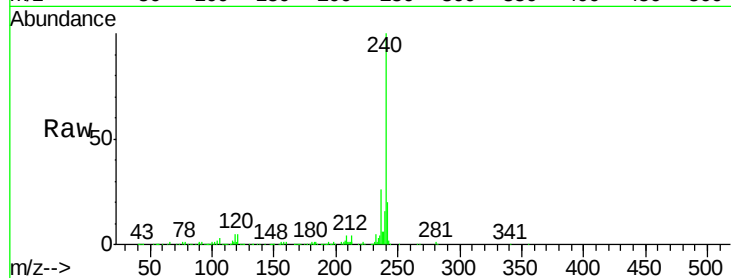
Tgt Ion:240 Resp: 374759

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

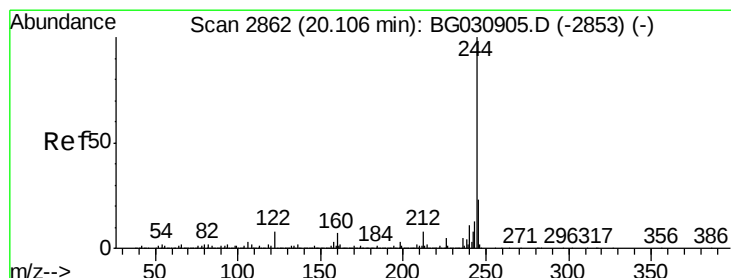
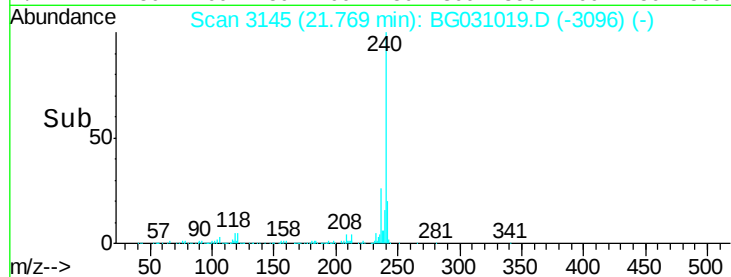
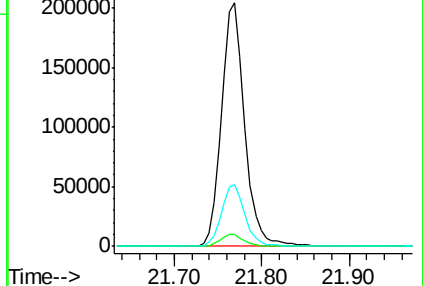
236 25.5 20.9 31.3



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: 92.663 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031019.D

Acq: 15 Nov 2017 17:26

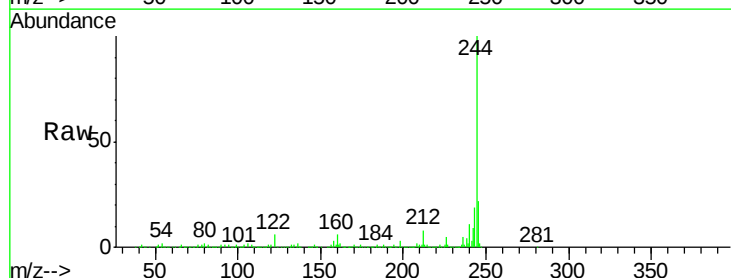
Tgt Ion:244 Resp: 1572690

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

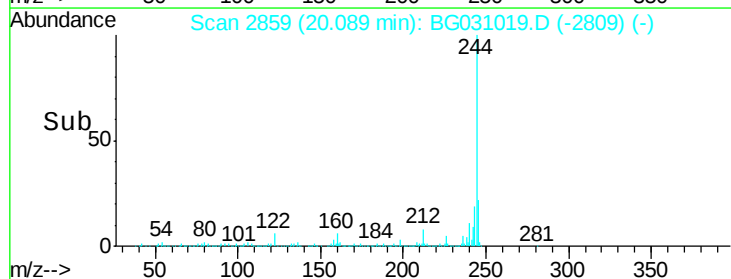
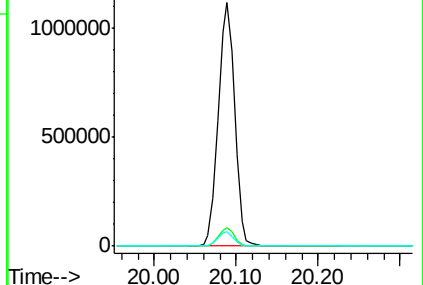
122 5.8 7.0 10.4#

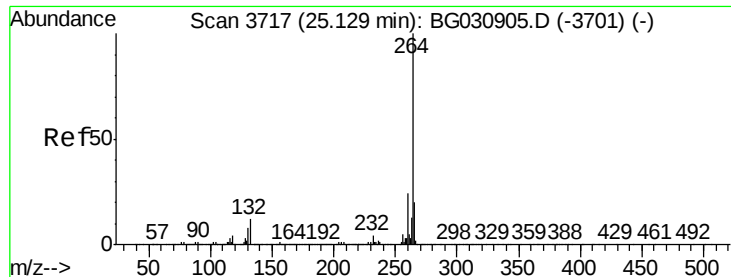


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.06 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG031019.D
Acq: 15 Nov 2017 17:26

Instrument :
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HR-04-111317-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.3	17.7	26.5

