

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031183.D
 Acq On : 22 Nov 2017 10:59
 Operator : SJ/JU
 Sample : I6540-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 111617-TIDO-F-U-B

Quant Time: Nov 22 13:28:39 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

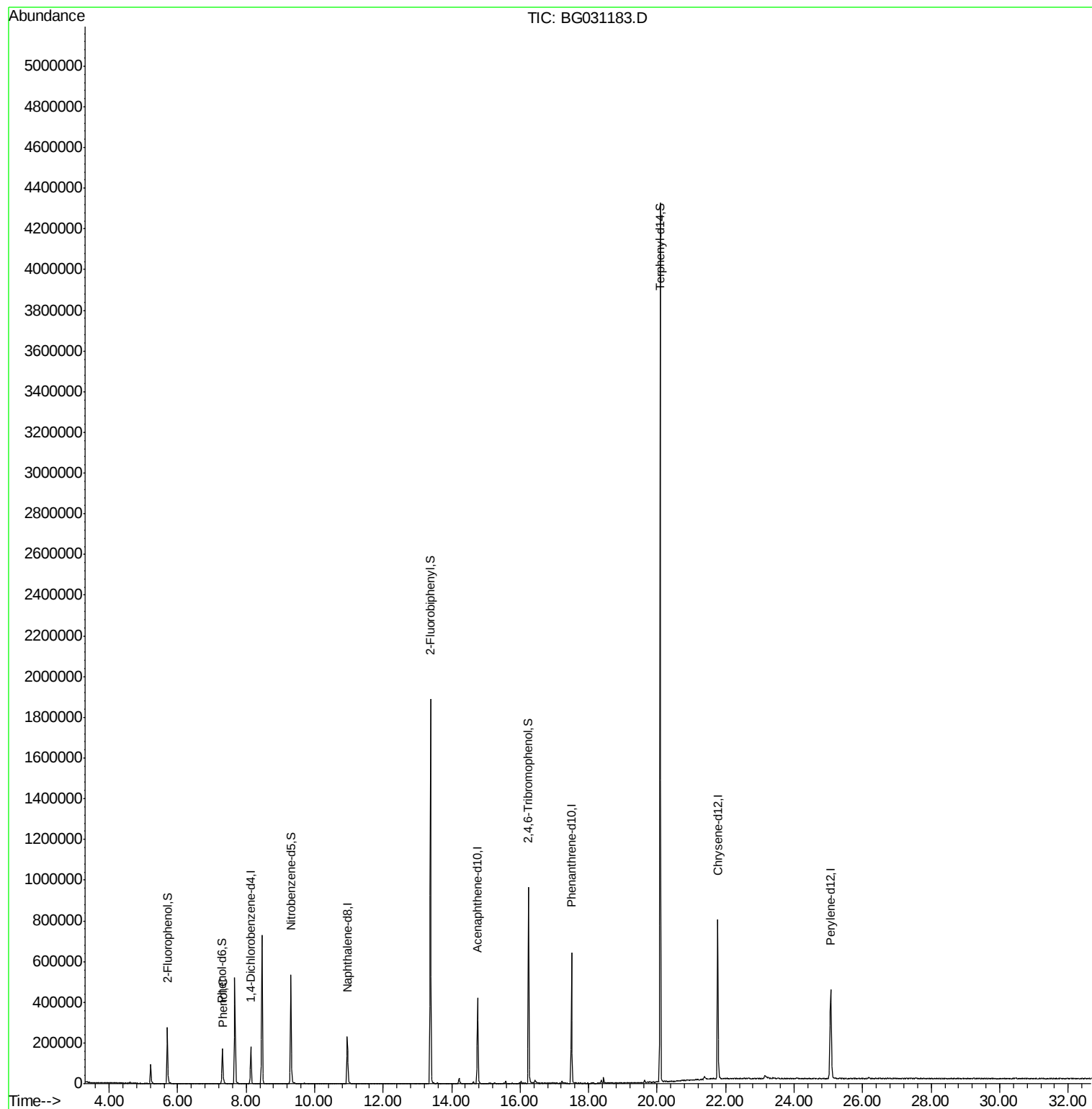
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	55124	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	241341	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	163631	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	424090	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	520045	20.00	ng	-0.02
86) Perylene-d12	25.07	264	496212	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	146591	45.60	ng	0.00
7) Phenol-d6	7.30	99	122772	28.35	ng	0.00
23) Nitrobenzene-d5	9.31	82	364750	89.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	202597	76.54	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1071118	94.06	ng	-0.02
78) Terphenyl-d14	20.09	244	1886727	80.11	ng	0.00
Target Compounds						
10) Phenol	7.33	94	9554	2.124	ng	Qvalue 98

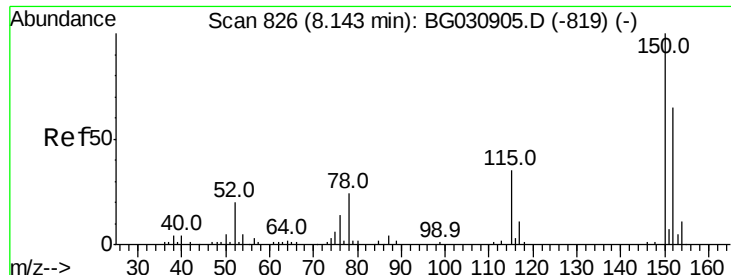
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 13:28:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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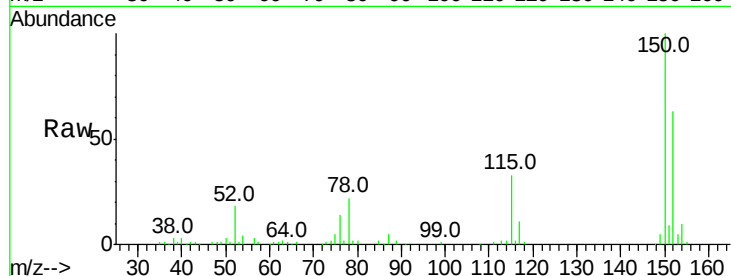


#1

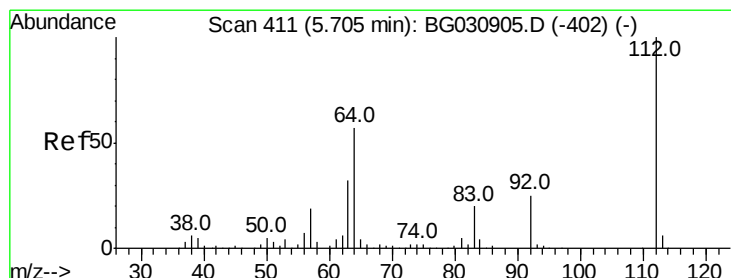
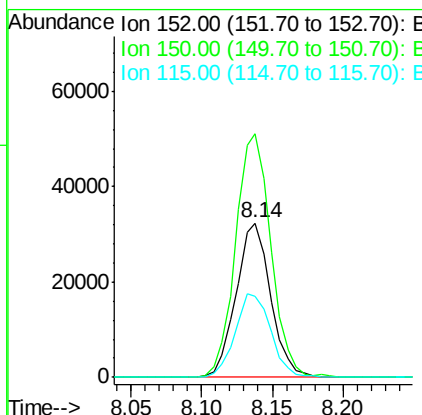
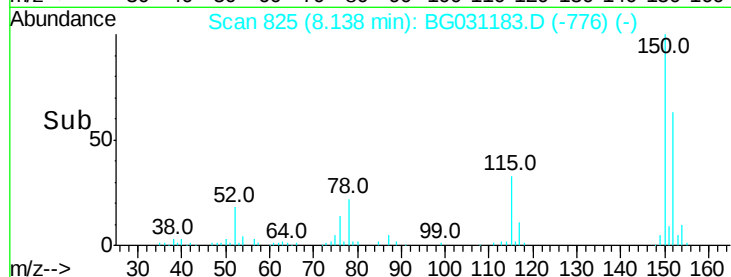
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG031183.D
 Acq: 22 Nov 2017 10:59

Instrument :
 BNA_G
 ClientSampleId :
 111617-TIDO-F-U-B

Tot Ion:152 Resp: 55124
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.6 189.8
 115 52.7 53.0 79.4#



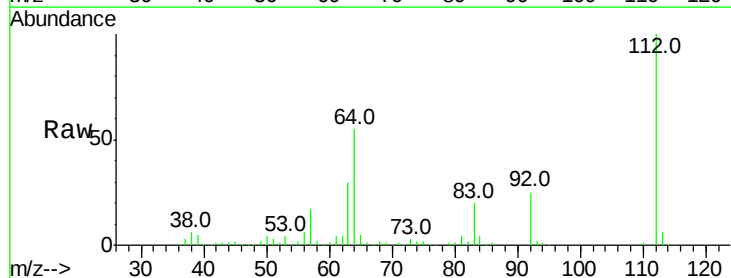
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



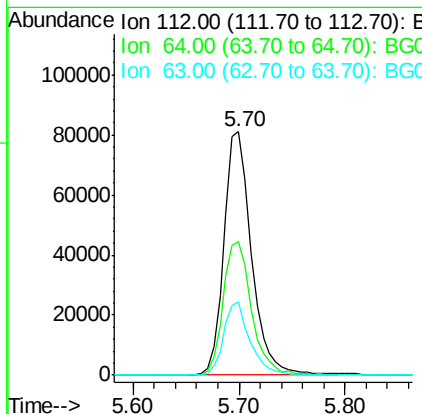
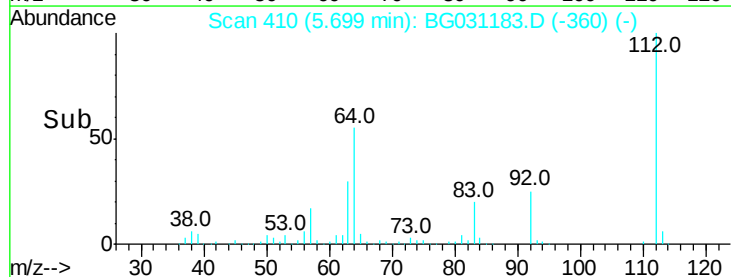
#5

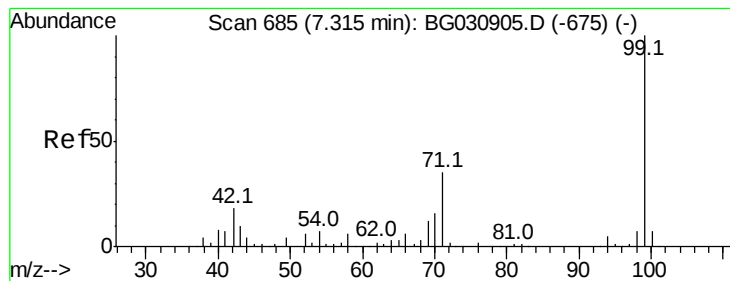
2-Fluorophenol
 Concen: 45.601 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031183.D
 Acq: 22 Nov 2017 10:59

Tgt Ion:112 Resp: 146591
 Ion Ratio Lower Upper
 112 100
 64 54.9 56.3 84.5#
 63 30.1 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: 28.348 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031183.D

Acq: 22 Nov 2017 10:59

Instrument :

BNA_G

ClientSampleId :

111617-TIDO-F-U-B

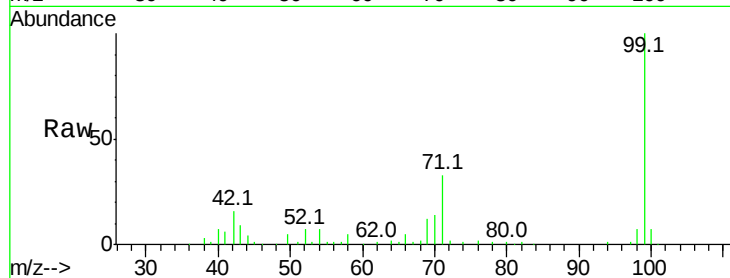
Tot Ion: 99 Resp: 122772

Ion Ratio Lower Upper

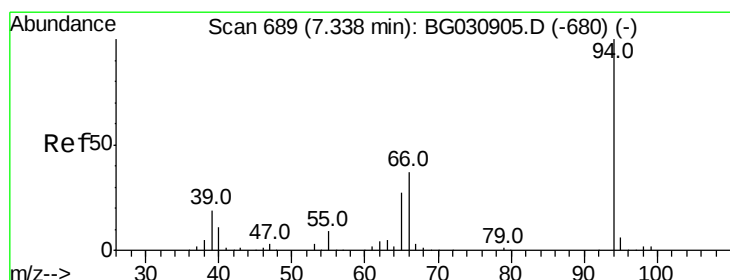
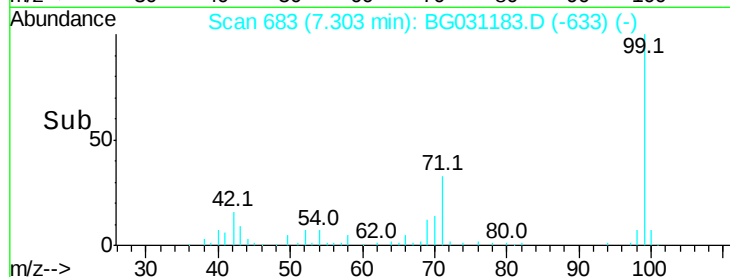
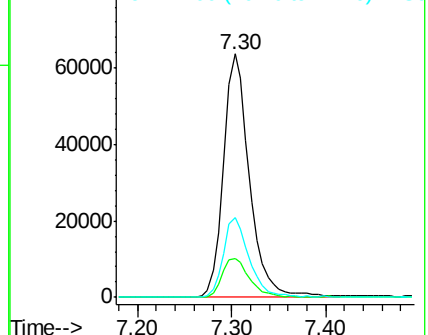
99 100

42 16.1 14.1 21.1

71 33.0 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



#10

Phenol

Concen: 2.124 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG031183.D

Acq: 22 Nov 2017 10:59

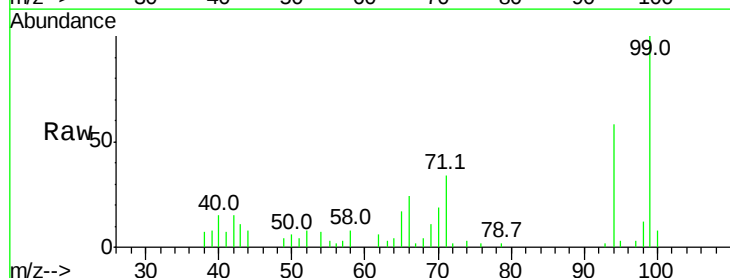
Tgt Ion: 94 Resp: 9554

Ion Ratio Lower Upper

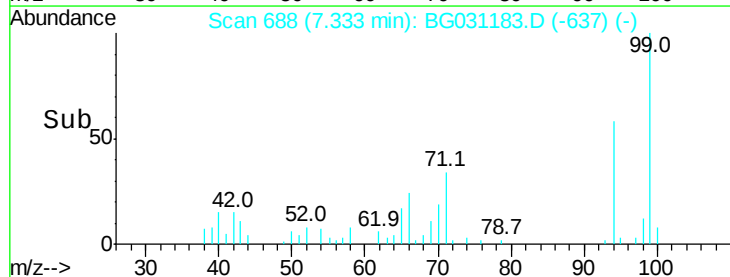
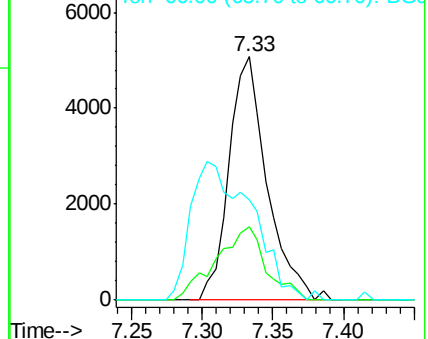
94 100

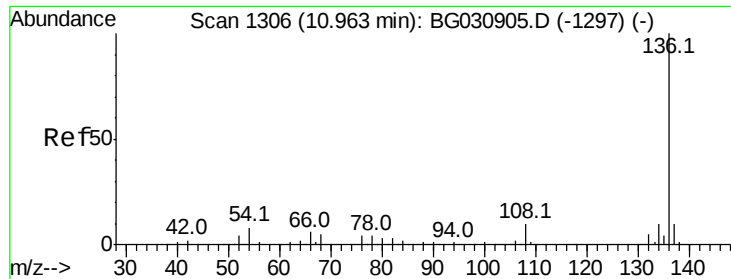
65 30.1 11.9 51.9

66 41.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

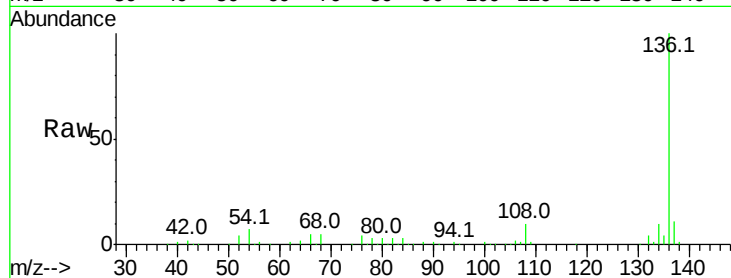




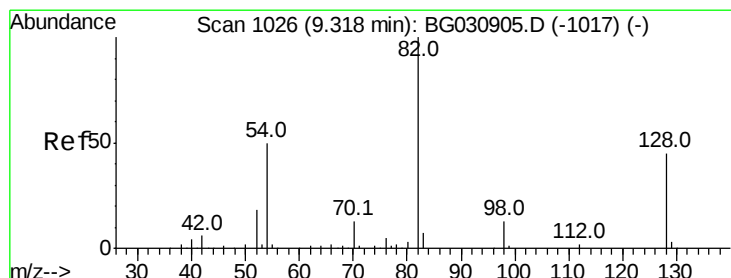
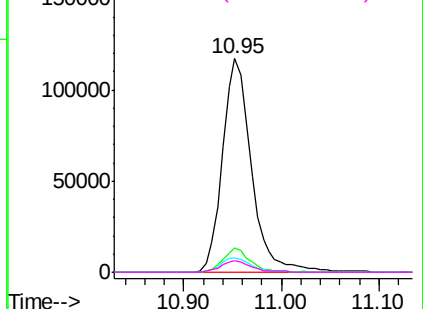
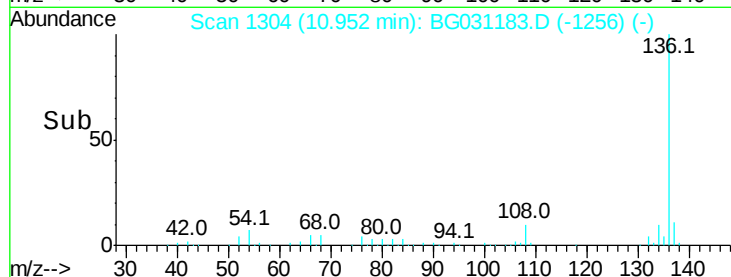
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031183.D
Acq: 22 Nov 2017 10:59

Instrument :
BNA_G
ClientSampleId :
111617-TIDO-F-U-B

Tot Ion:	136	Resp:	241341
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.8	10.3	15.5#
68	5.4	4.5	6.7

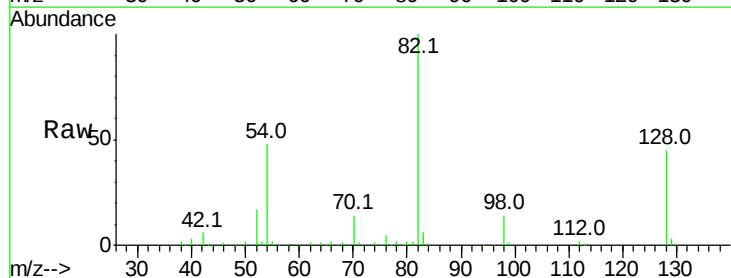


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

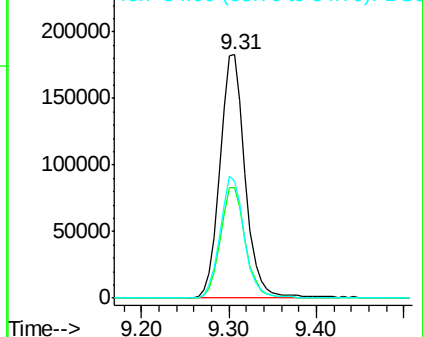
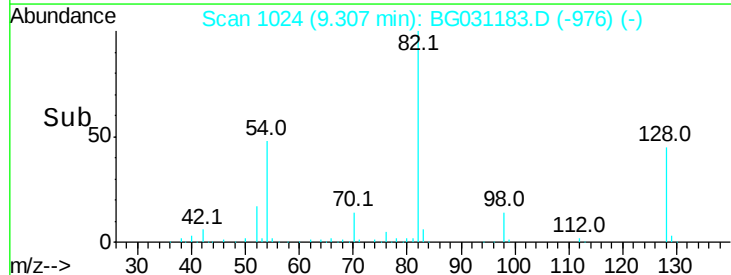


#23
Nitrobenzene-d5
Concen: 89.557 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031183.D
Acq: 22 Nov 2017 10:59

Tgt Ion:	82	Resp:	364750
Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	47.8	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031183.D

Acq: 22 Nov 2017 10:59

Instrument :

BNA_G

ClientSampleId :

111617-TIDO-F-U-B

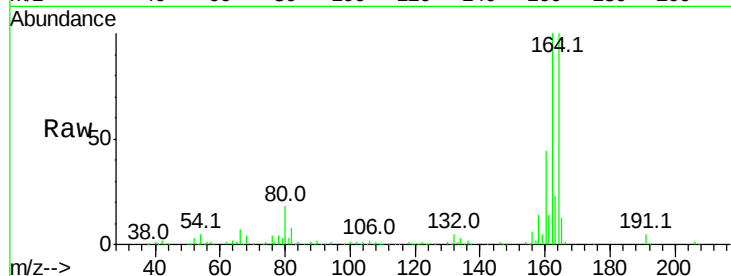
Tot Ion:164 Resp: 163631

Ion Ratio Lower Upper

164 100

162 99.6 78.8 118.2

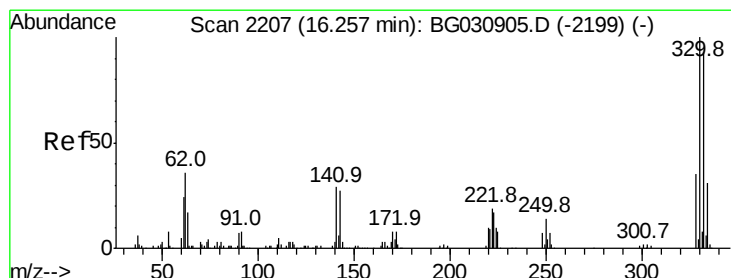
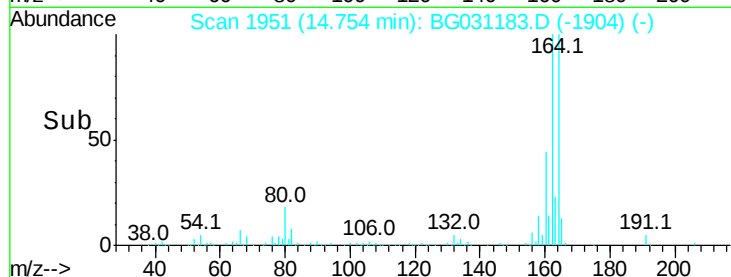
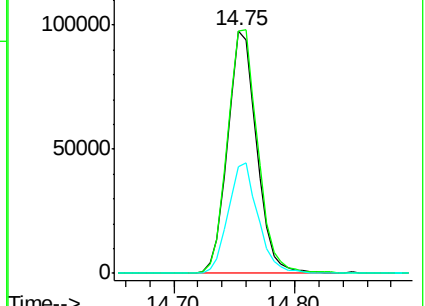
160 43.8 35.4 53.0



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: 76.538 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031183.D

Acq: 22 Nov 2017 10:59

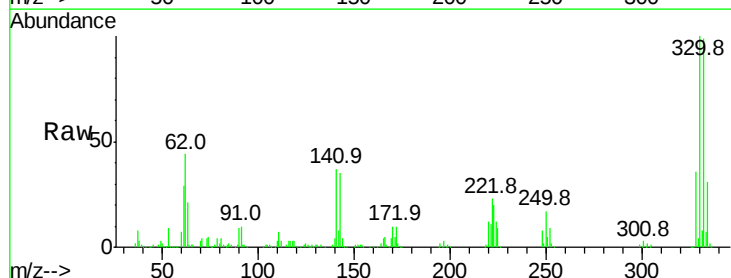
Tgt Ion:330 Resp: 202597

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

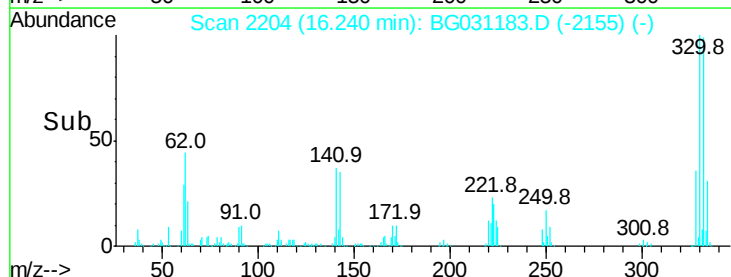
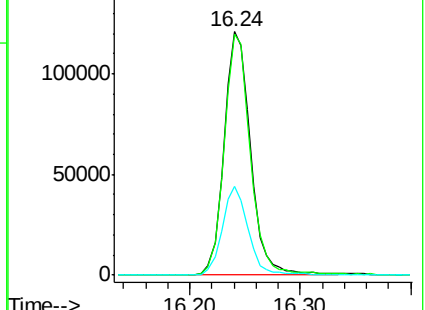
141 35.6 25.2 37.8

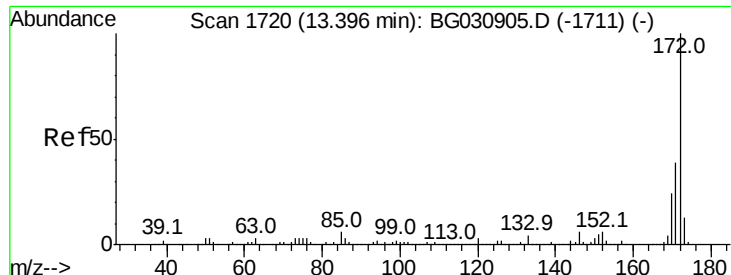


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



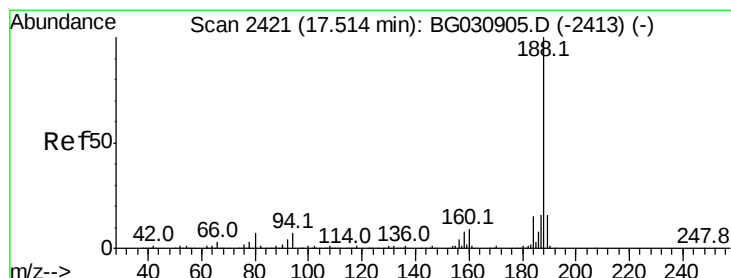
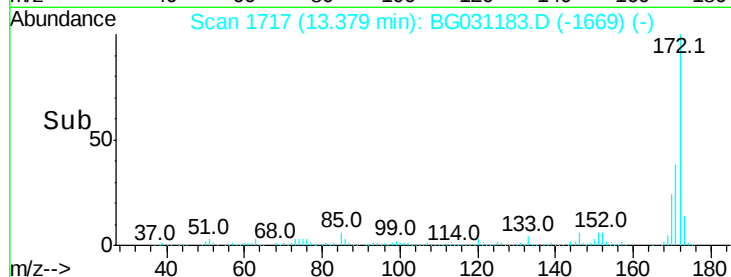
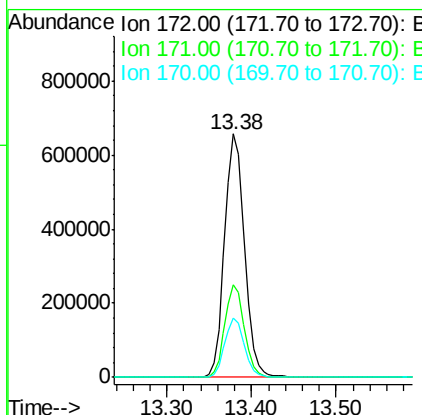
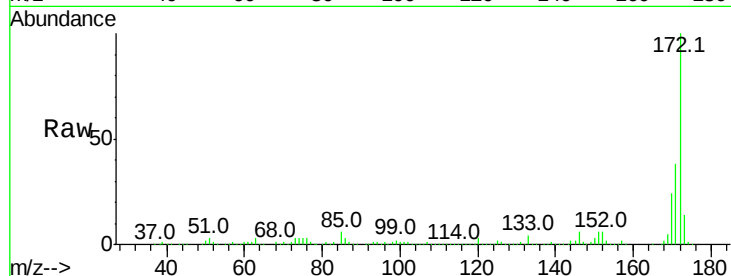


#44
 2-Fluorobiphenyl
 Concen: 94.058 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031183.D
 Acq: 22 Nov 2017 10:59

Instrument :
 BNA_G
 ClientSampleId :
 111617-TIDO-F-U-B

Tot Ion:172 Resp: 1071118

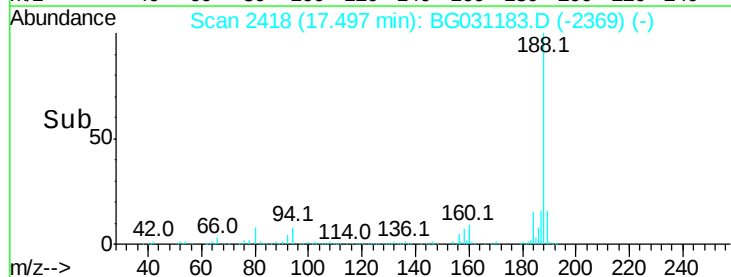
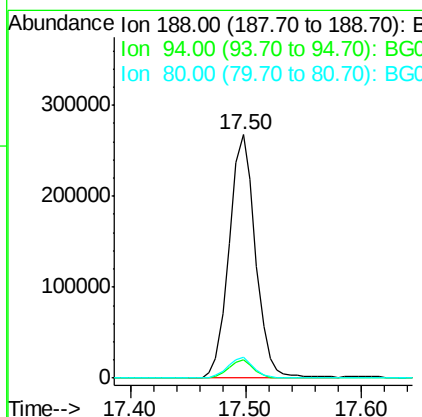
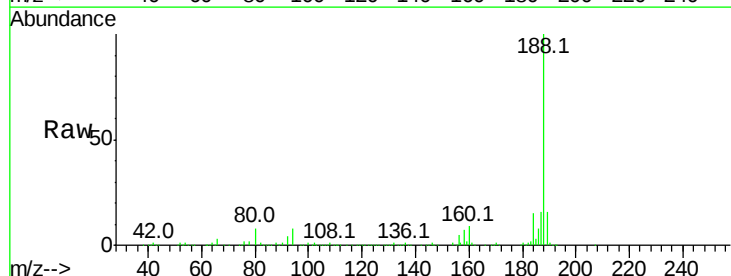
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.5	19.5	29.3

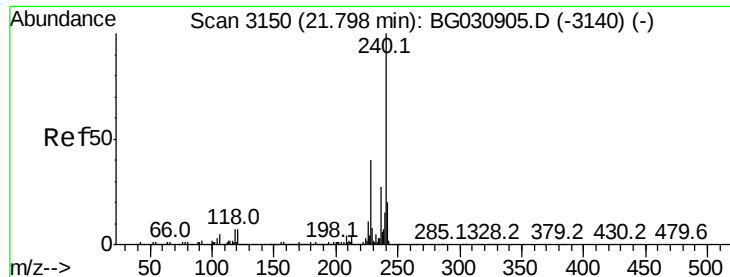


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031183.D
 Acq: 22 Nov 2017 10:59

Tgt Ion:188 Resp: 424090

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.4	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031183.D

Acq: 22 Nov 2017 10:59

Instrument :

BNA_G

ClientSampleId :

111617-TIDO-F-U-B

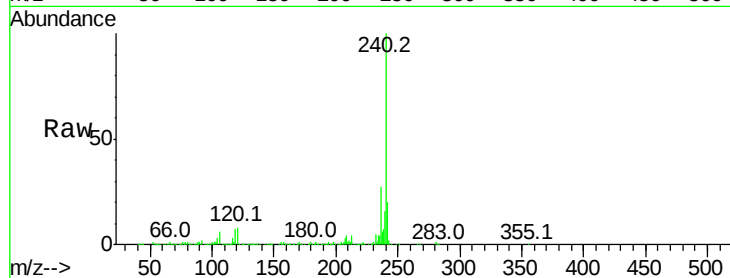
Tot Ion:240 Resp: 520045

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

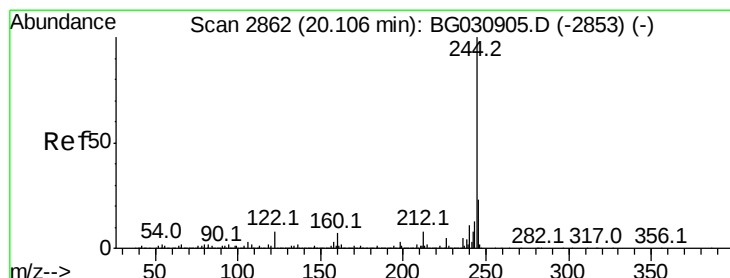
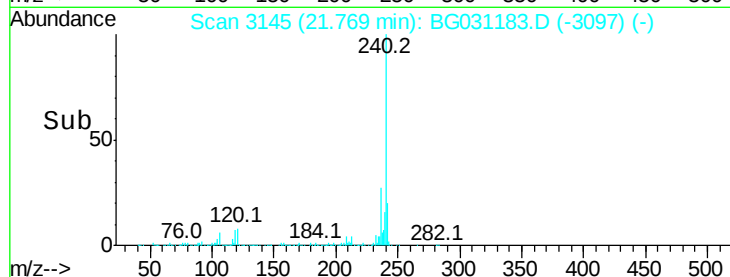
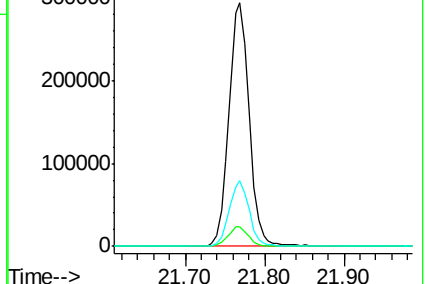
236 26.7 20.9 31.3



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: 80.110 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031183.D

Acq: 22 Nov 2017 10:59

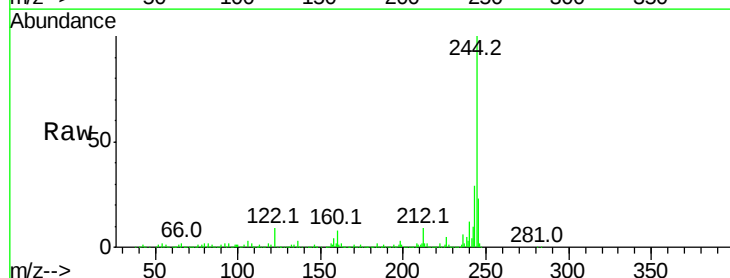
Tgt Ion:244 Resp: 1886727

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

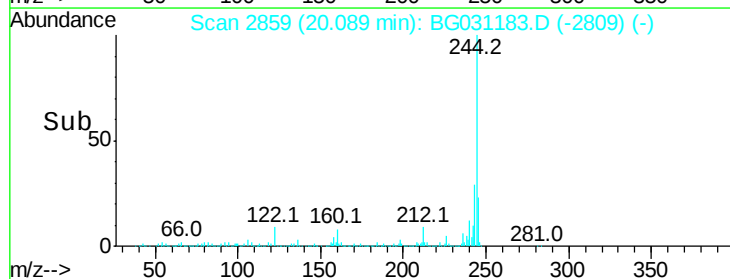
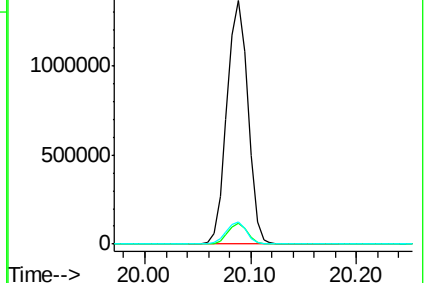
122 8.9 7.0 10.4



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031183.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.4	17.7	26.5

