

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031305.D
 Acq On : 1 Dec 2017 2:00
 Operator : SJ/JU
 Sample : I6635-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112817-TIDO-E-D-B

Quant Time: Dec 01 03:20:23 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	8.13	152	65472	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	268914	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	176121	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	460497	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	551366	20.00	ng	-0.02
86) Perylene-d12	25.06	264	533493	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	155325	40.68	ng	-0.01
7) Phenol-d6	7.30	99	123588	24.03	ng	0.00
23) Nitrobenzene-d5	9.29	82	390505	86.05	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	213579	74.96	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1135185	92.61	ng	-0.03
78) Terphenyl-d14	20.08	244	1922621	77.00	ng	-0.02

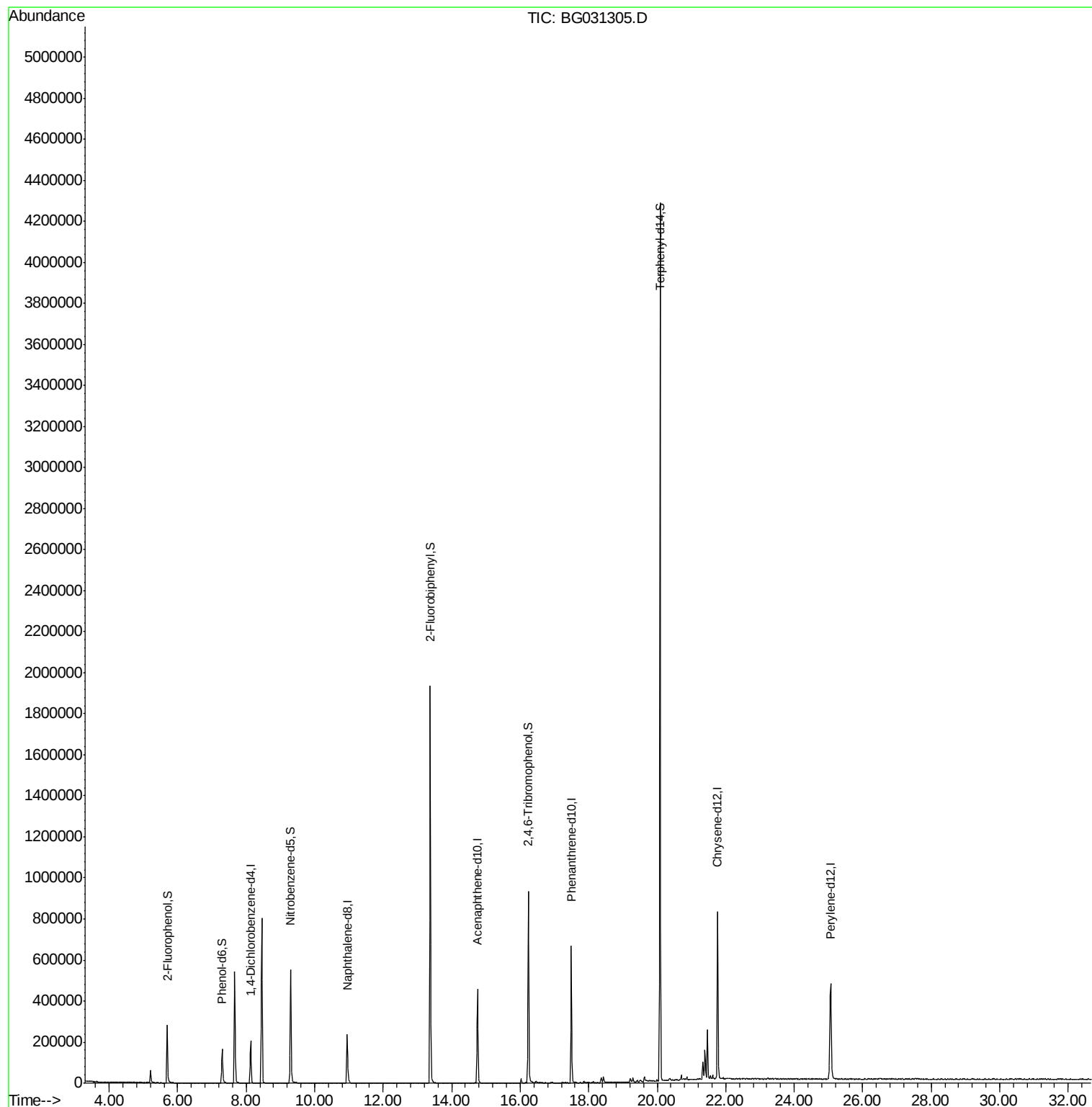
Target Compounds Qvalue

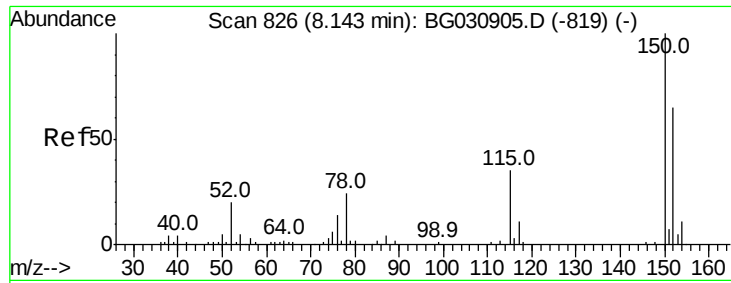
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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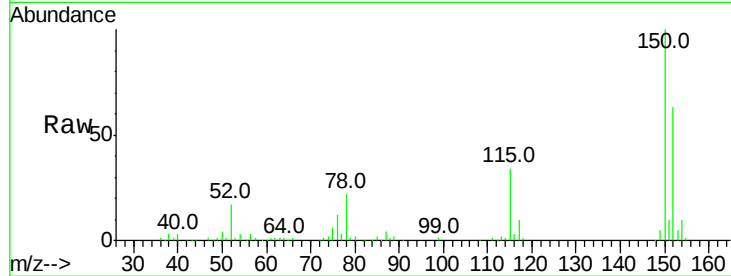


#1

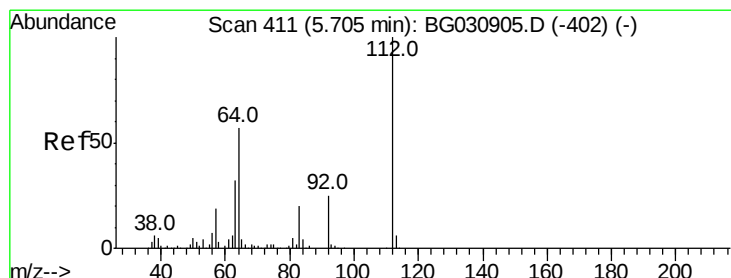
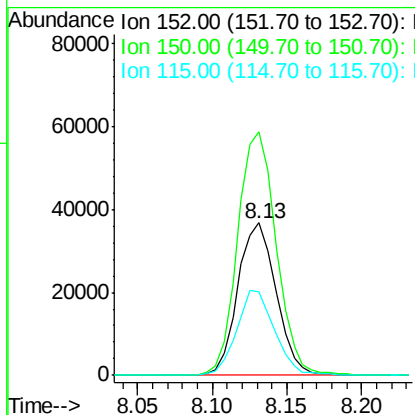
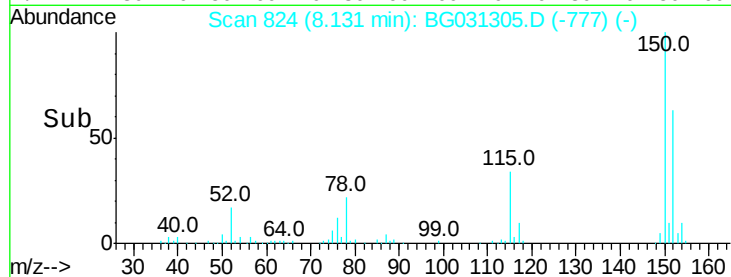
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031305.D
 Acq: 1 Dec 2017 2:00

Instrument :
 BNA_G
 ClientSampleId :
 112817-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.6	189.8
115	54.6	53.0	79.4



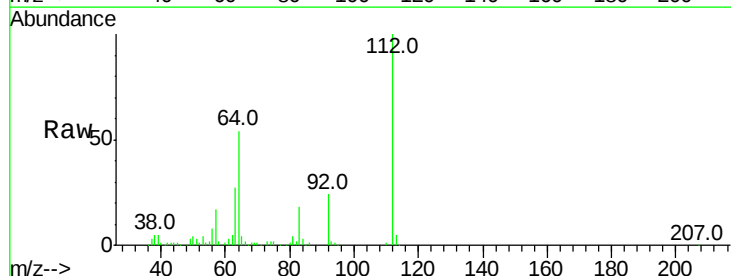
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



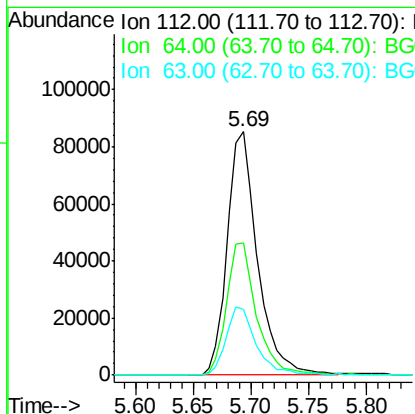
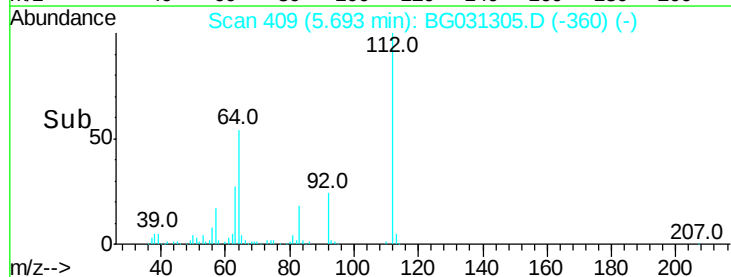
#5

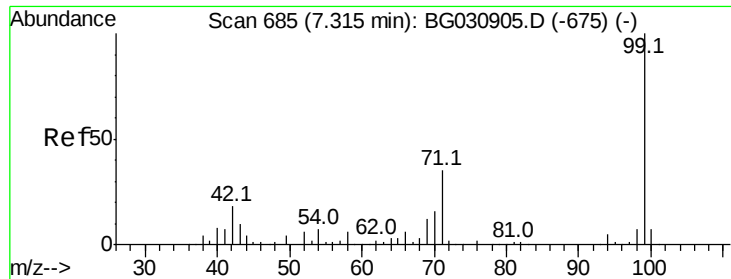
2-Fluorophenol
 Concen: 40.681 ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BG031305.D
 Acq: 1 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	56.3	84.5#
63	27.2	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: 24.026 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031305.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_G

ClientSampleId :

112817-TIDO-E-D-B

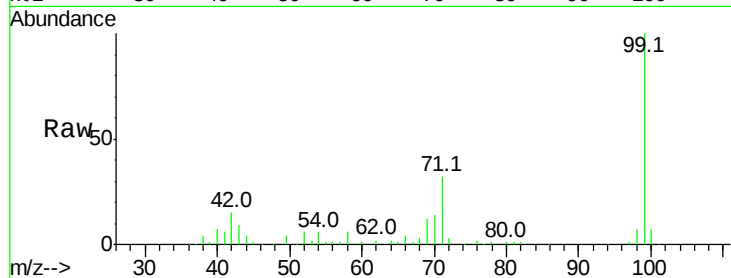
Tot Ion: 99 Resp: 123588

Ion Ratio Lower Upper

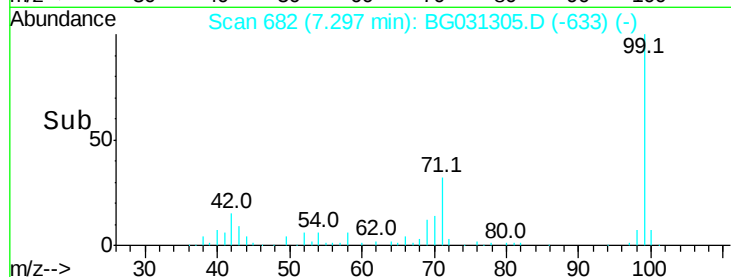
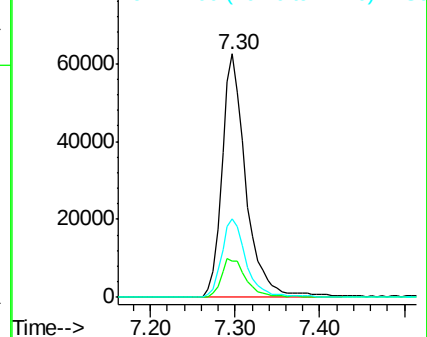
99 100

42 14.7 14.1 21.1

71 32.1 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: 10.95 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031305.D

Acq: 1 Dec 2017 2:00

Tgt Ion: 136 Resp: 268914

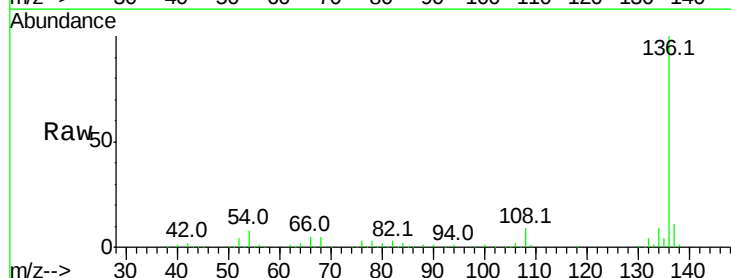
Ion Ratio Lower Upper

136 100

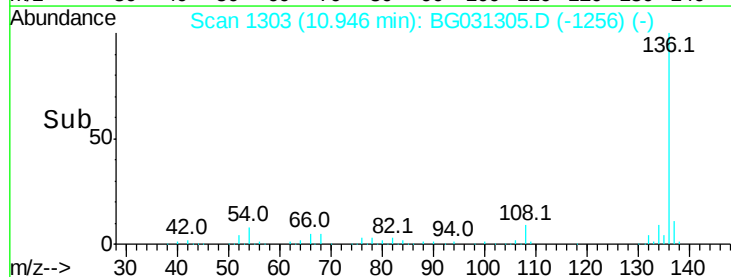
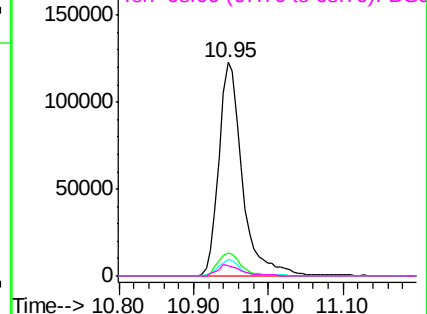
137 10.9 9.2 13.8

54 7.6 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

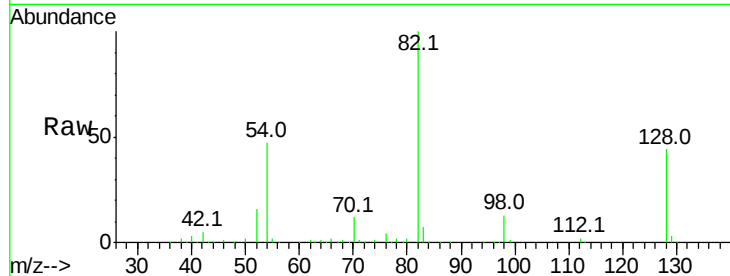




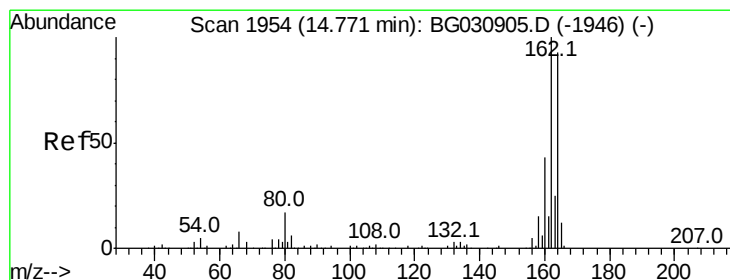
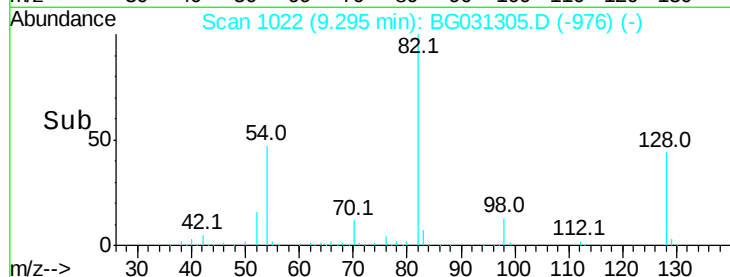
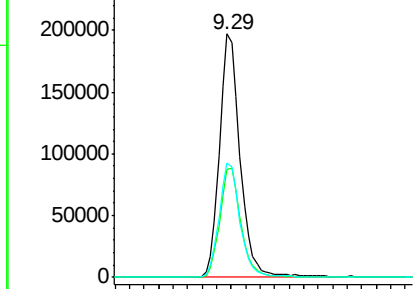
#23
 Nitrobenzene-d5
 Concen: 86.049 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031305.D
 Acq: 1 Dec 2017 2:00

Instrument :
 BNA_G
 ClientSampleId :
 112817-TIDO-E-D-B

Tot Ion	82	Resp	390505
Ion Ratio	100	Lower	Upper
128	44.2	29.7	44.5
54	47.0	43.1	64.7

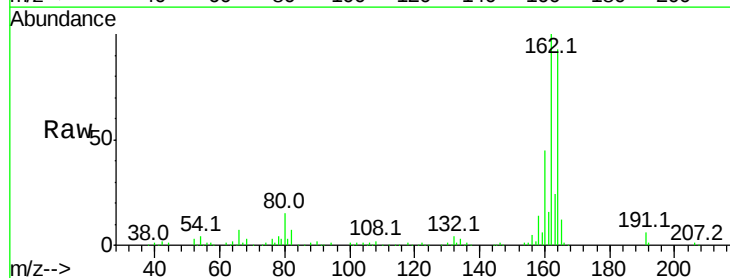


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

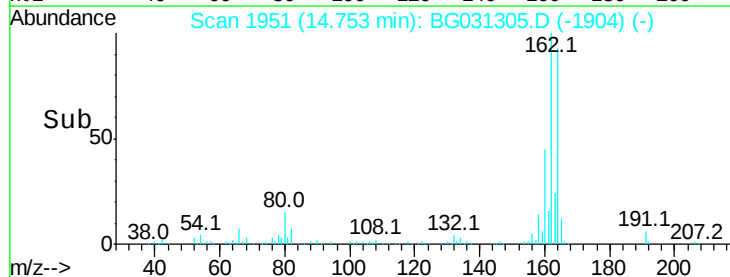
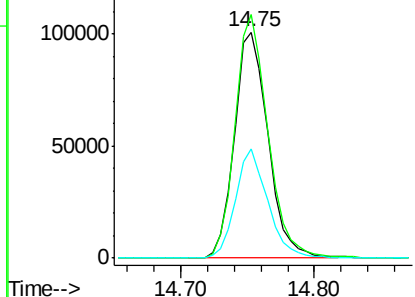


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031305.D
 Acq: 1 Dec 2017 2:00

Tgt Ion	164	Resp	176121
Ion Ratio	100	Lower	Upper
162	107.6	78.8	118.2
160	48.4	35.4	53.0



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

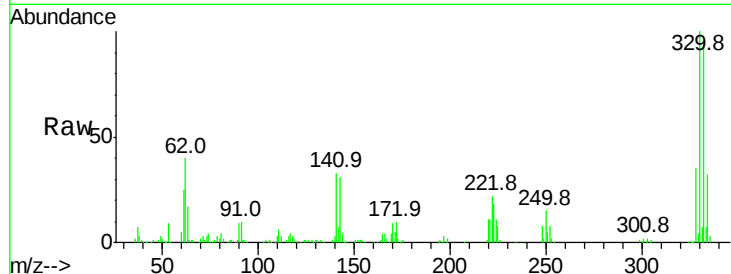




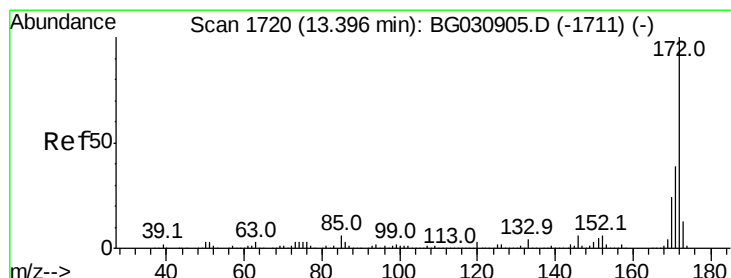
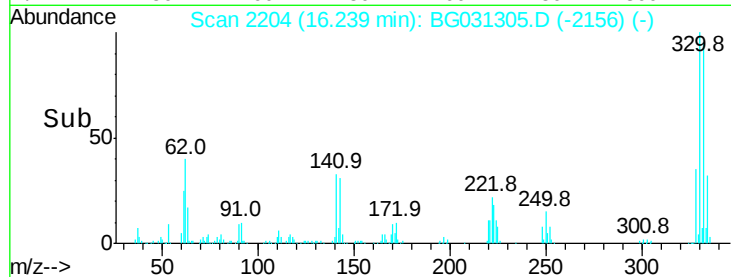
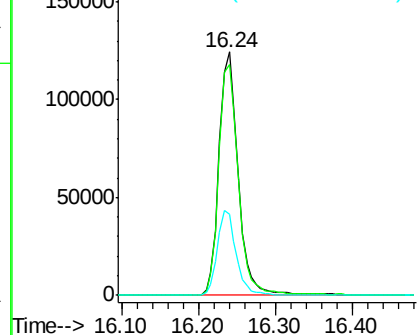
#41
 2,4,6-Tribromophenol
 Concen: 74.965 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031305.D
 Acq: 1 Dec 2017 2:00

Instrument :
 BNA_G
 ClientSampleId :
 112817-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.2	25.2	37.8

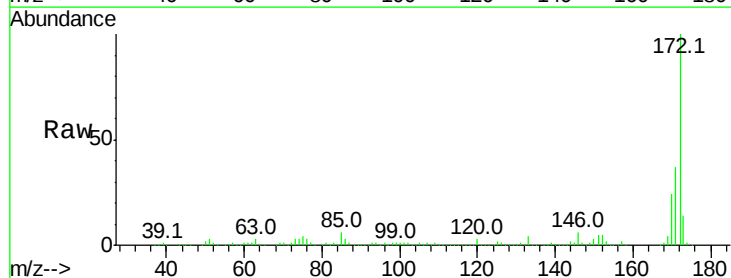


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

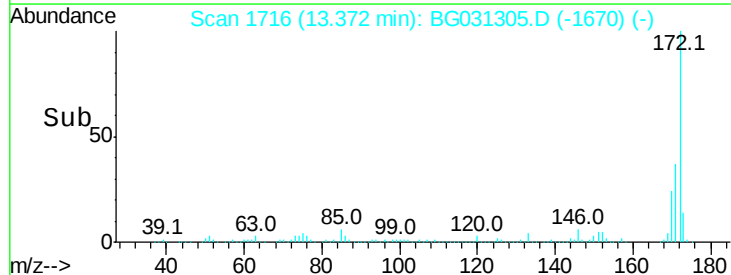
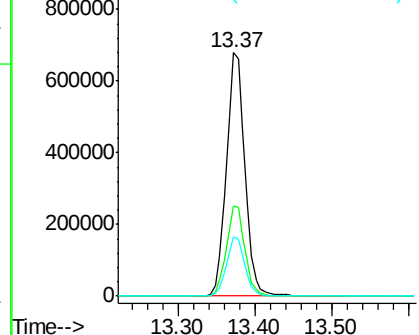


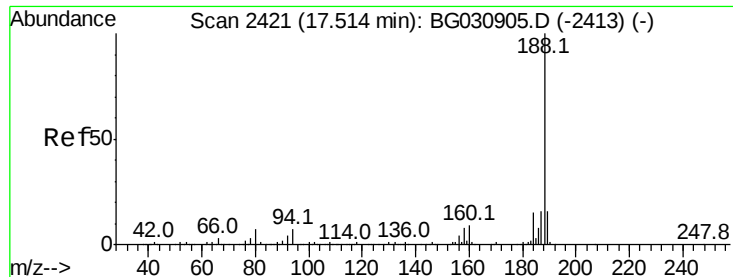
#44
 2-Fluorobiphenyl
 Concen: 92.615 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031305.D
 Acq: 1 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.2	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

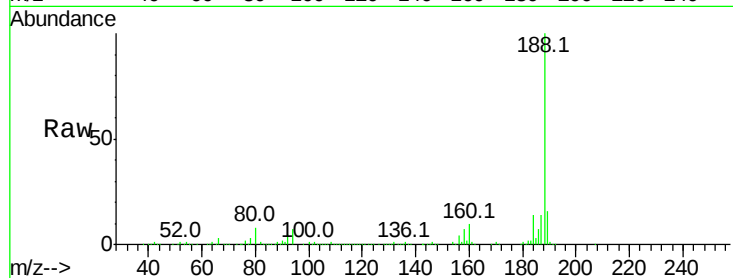




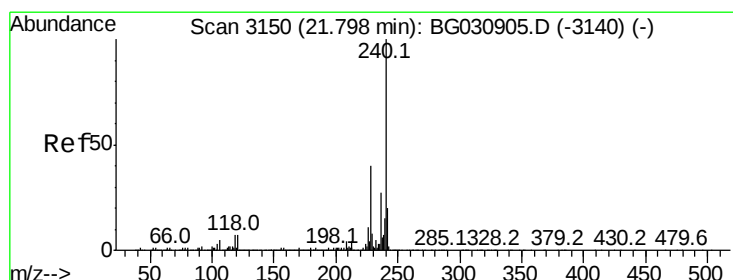
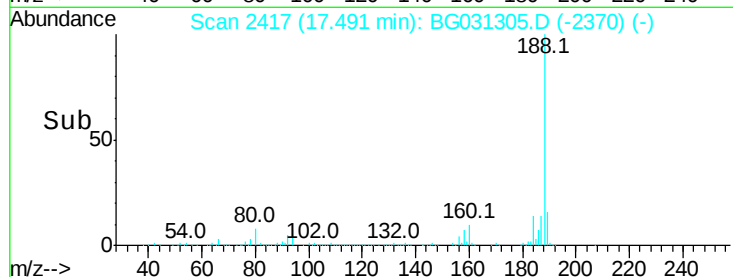
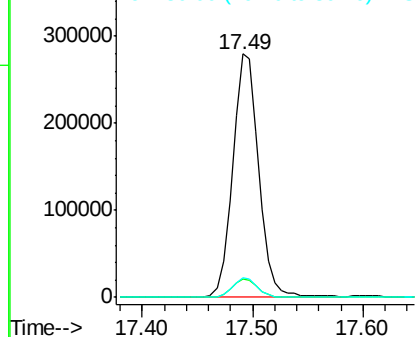
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031305.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_G
ClientSampleId :
112817-TIDO-E-D-B

Tot Ion:188 Resp: 460497
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.2 7.7 11.5

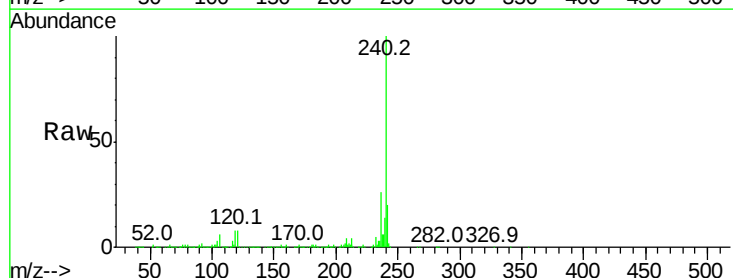


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

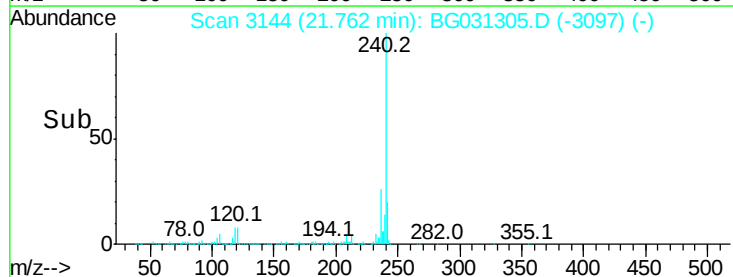
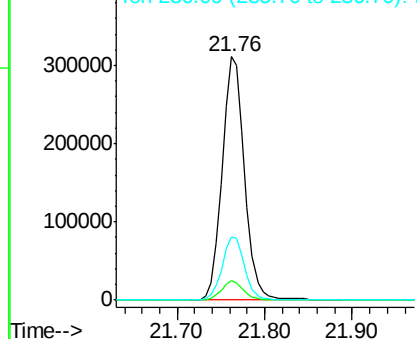


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031305.D
Acq: 1 Dec 2017 2:00

Tgt Ion:240 Resp: 551366
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 25.8 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: 76.996 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031305.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_G

ClientSampleId :

112817-TIDO-E-D-B

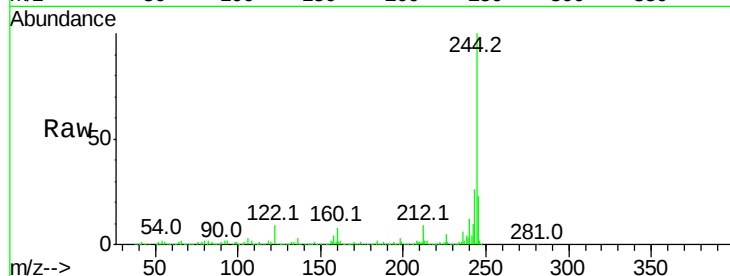
Tot Ion:244 Resp: 1922621

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

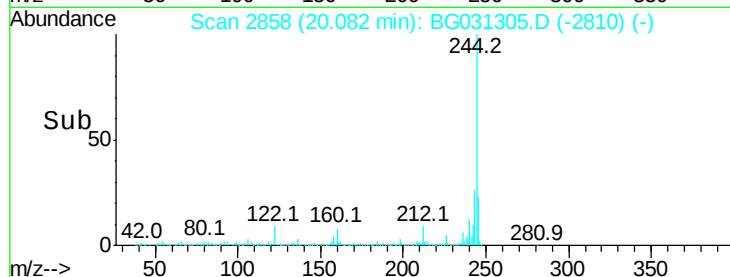
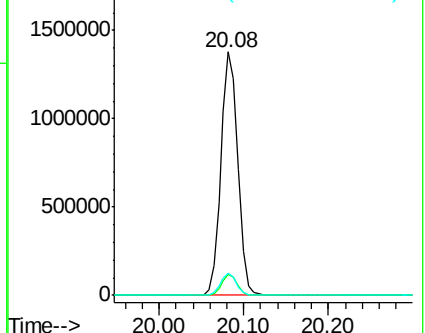
122 9.1 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031305.D

Acq: 1 Dec 2017 2:00

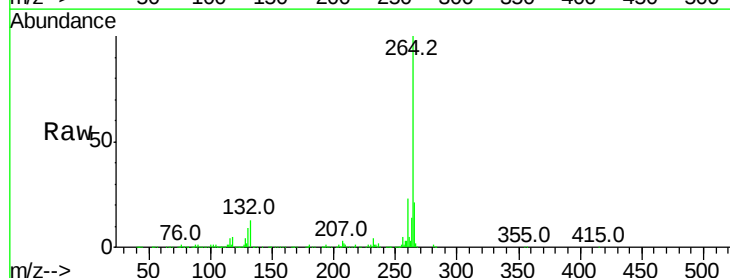
Tgt Ion:264 Resp: 533493

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 20.6 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

