

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031306.D
 Acq On : 1 Dec 2017 2:38
 Operator : SJ/JU
 Sample : I6635-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 01 06:55:41 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	8.13	152	65943	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	273044	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	180806	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	461226	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	540817	20.00	ng	-0.02
86) Perylene-d12	25.06	264	530547	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	162251	42.19	ng	-0.02
7) Phenol-d6	7.29	99	126504	24.42	ng	-0.01
23) Nitrobenzene-d5	9.30	82	399224	86.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	225077	76.95	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1171933	93.14	ng	-0.02
78) Terphenyl-d14	20.09	244	1918375	78.32	ng	-0.01

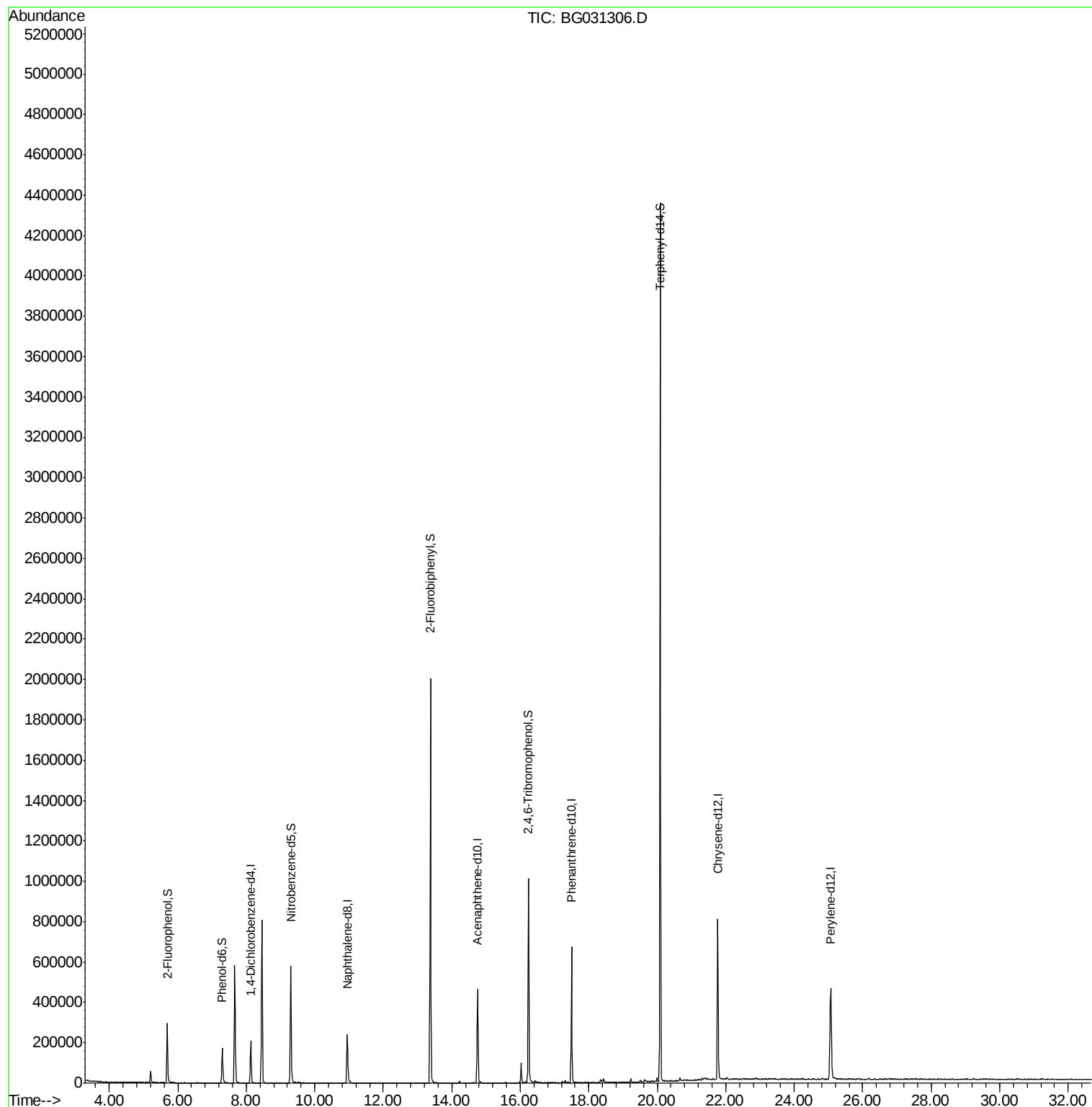
Target Compounds Qvalue

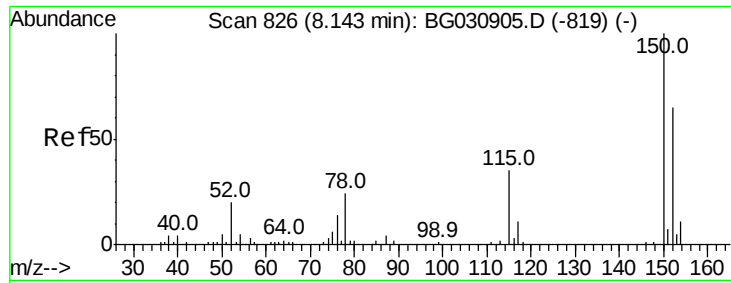
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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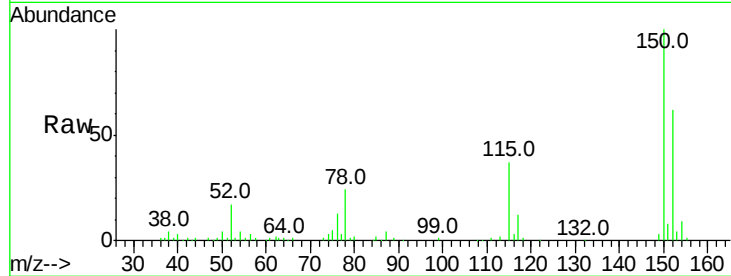


#1

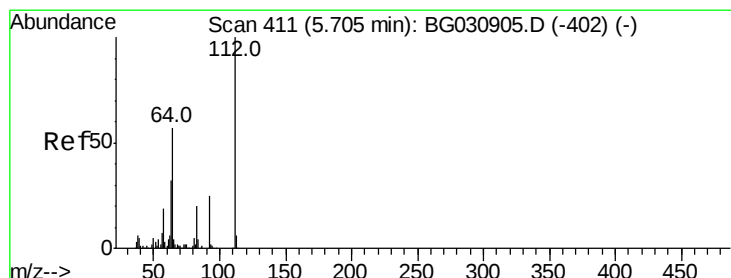
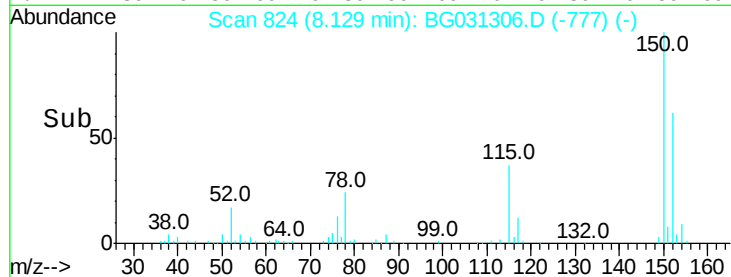
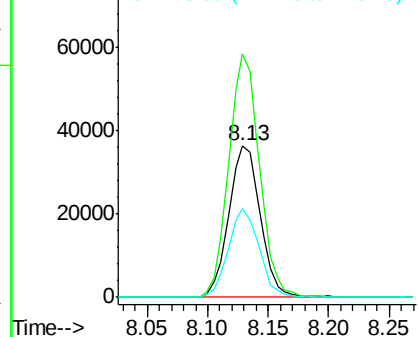
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031306.D
Acq: 1 Dec 2017 2:38

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.6	189.8
115	58.9	53.0	79.4



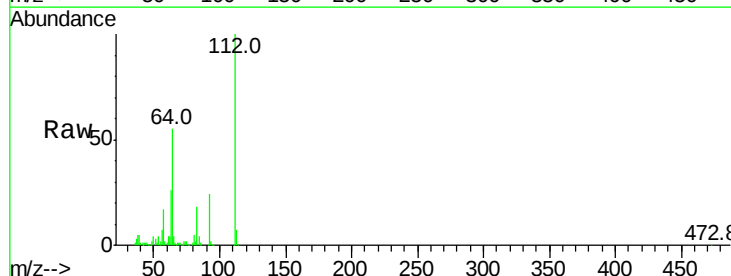
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



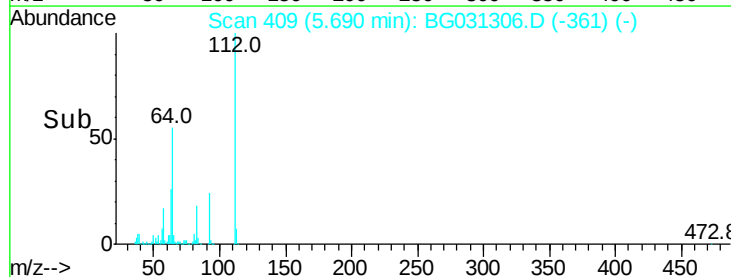
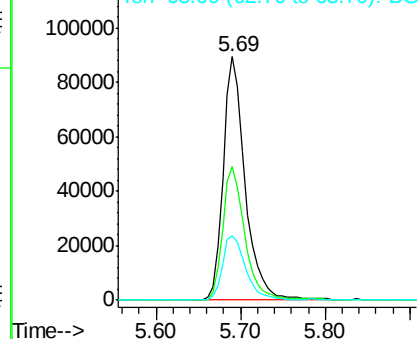
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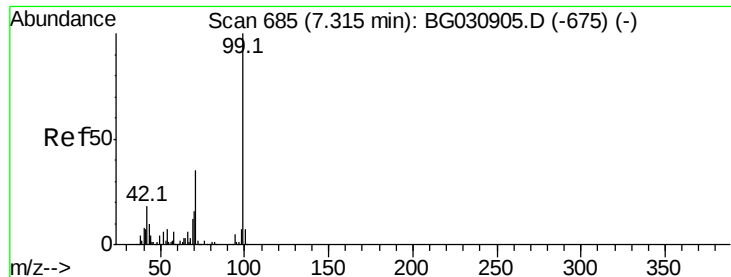
2-Fluorophenol
Concen: 42.191 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031306.D
Acq: 1 Dec 2017 2:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	56.3	84.5#
63	26.3	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: 24.417 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031306.D

Acq: 1 Dec 2017 2:38

Instrument :

BNA_G

ClientSampleId :

112817-TIDO-E-D-S

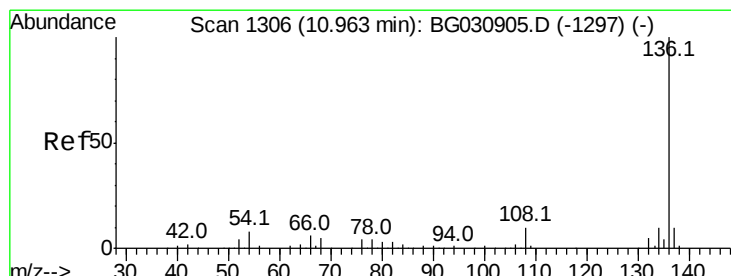
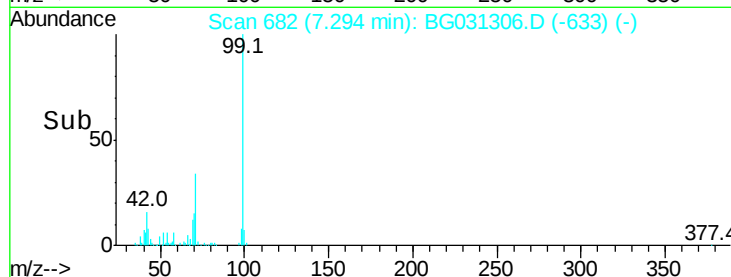
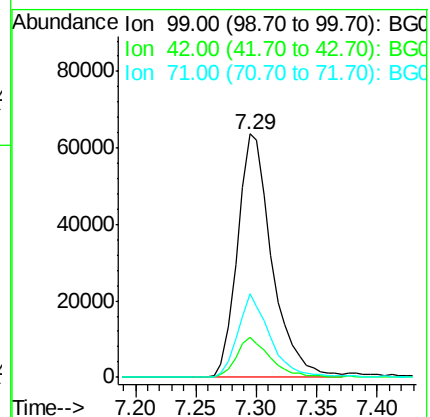
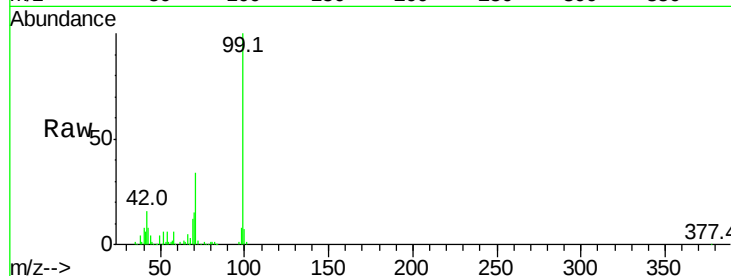
Tot Ion: 99 Resp: 126504

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 34.4 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031306.D

Acq: 1 Dec 2017 2:38

Tgt Ion: 136 Resp: 273044

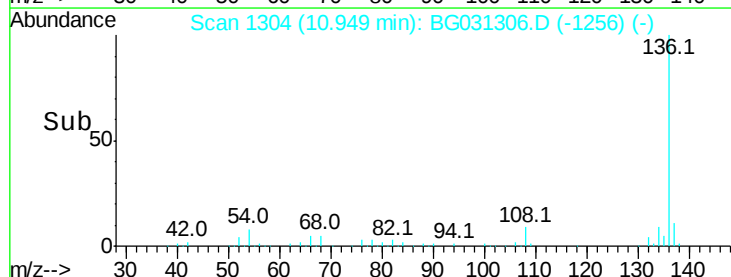
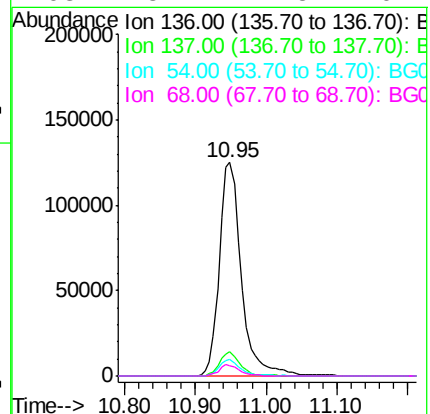
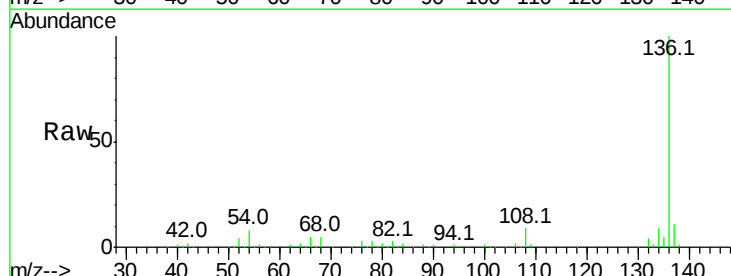
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.6 10.3 15.5#

68 5.1 4.5 6.7

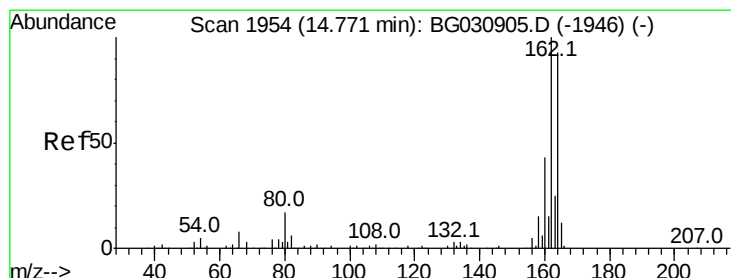
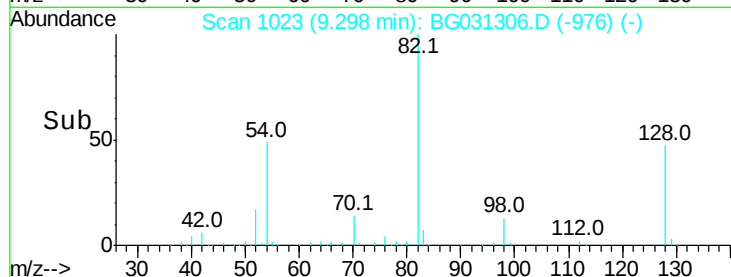
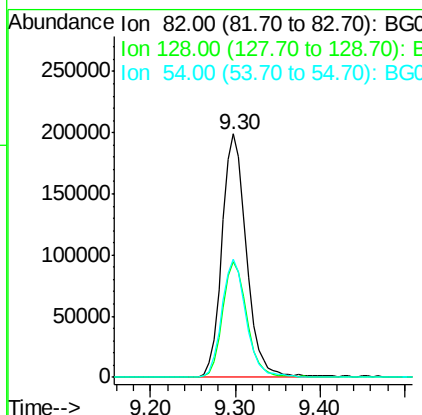
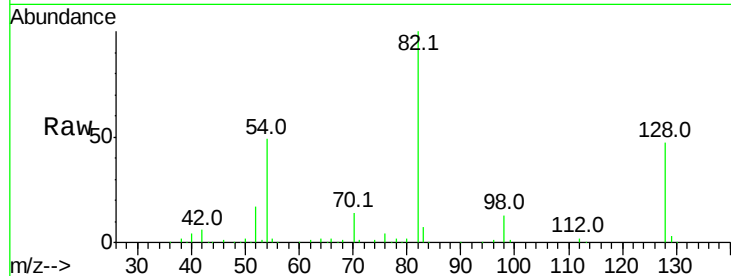




#23
 Nitrobenzene-d5
 Concen: 86.640 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031306.D
 Acq: 1 Dec 2017 2:38

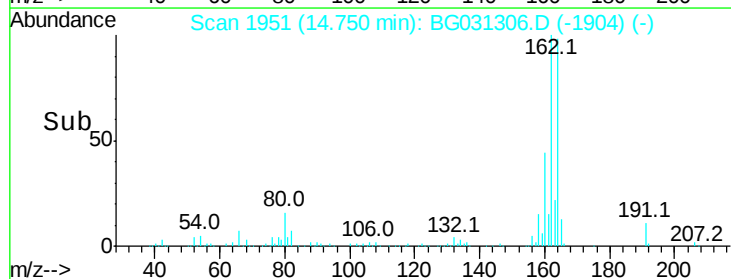
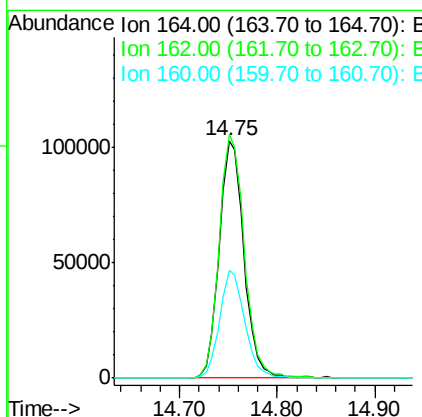
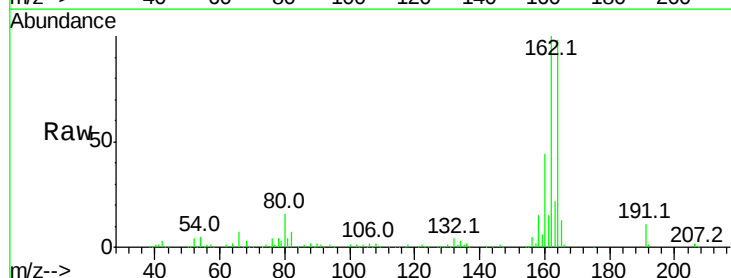
Instrument :
 BNA_G
 ClientSampleId :
 112817-TIDO-E-D-S

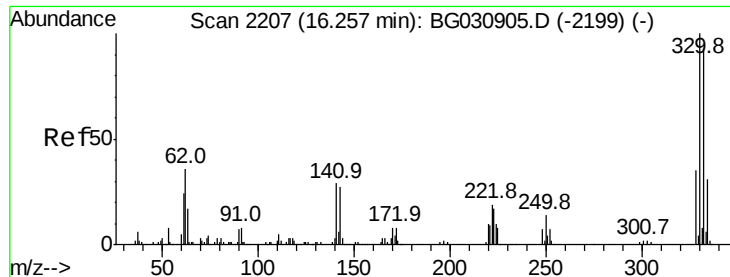
Tot Ion: 82 Resp: 399224
 Ion Ratio Lower Upper
 82 100
 128 47.3 29.7 44.5#
 54 48.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031306.D
 Acq: 1 Dec 2017 2:38

Tgt Ion:164 Resp: 180806
 Ion Ratio Lower Upper
 164 100
 162 102.4 78.8 118.2
 160 45.3 35.4 53.0

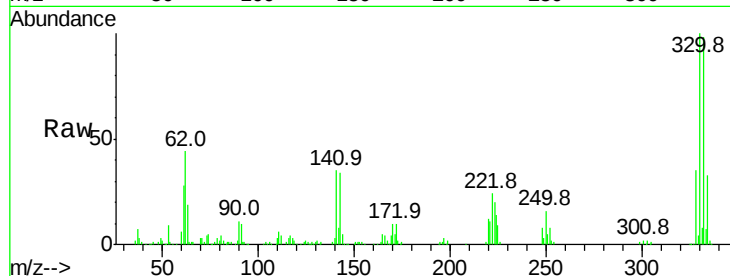




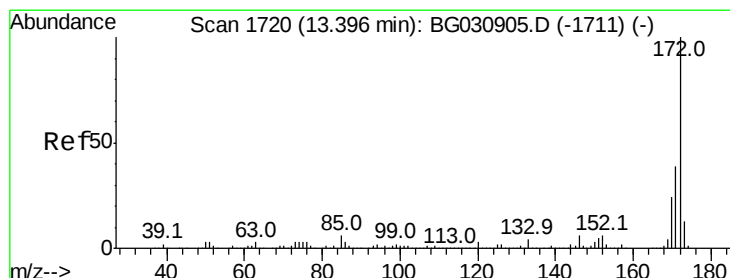
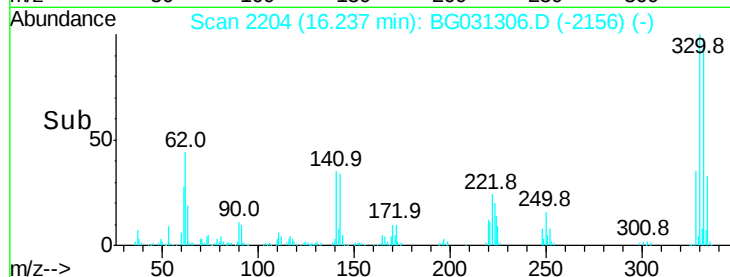
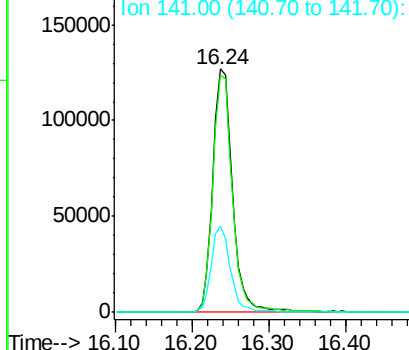
#41
 2,4,6-Tribromophenol
 Concen: 76.953 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031306.D
 Acq: 1 Dec 2017 2:38

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	34.1	25.2	37.8

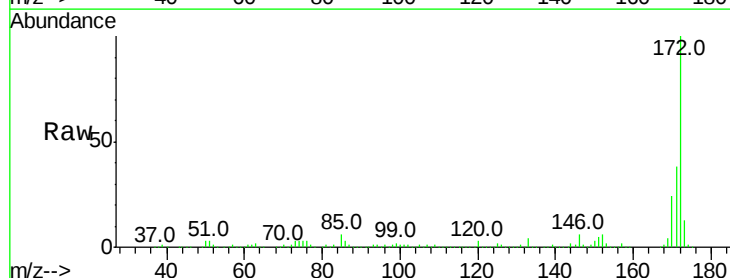


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

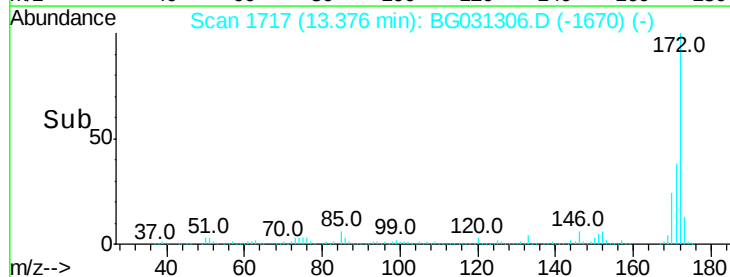
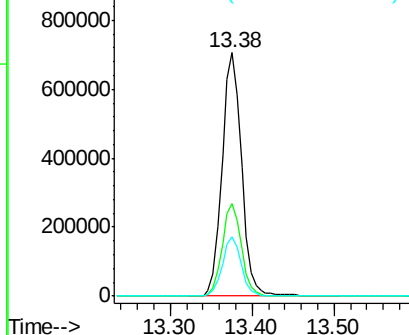


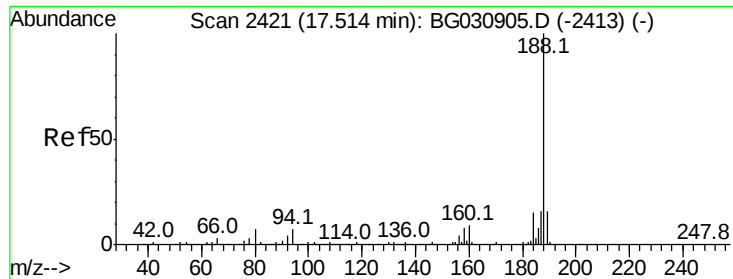
#44
 2-Fluorobiphenyl
 Concen: 93.135 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031306.D
 Acq: 1 Dec 2017 2:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	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

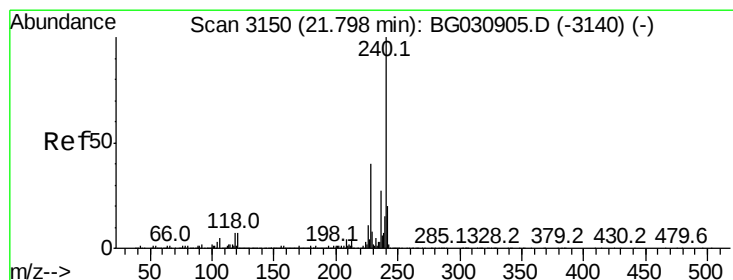
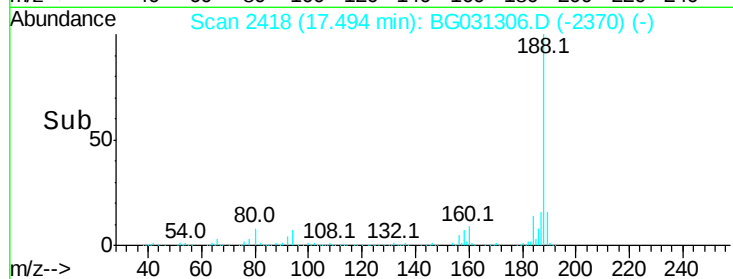
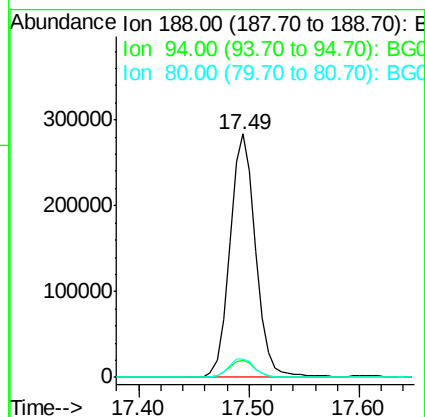
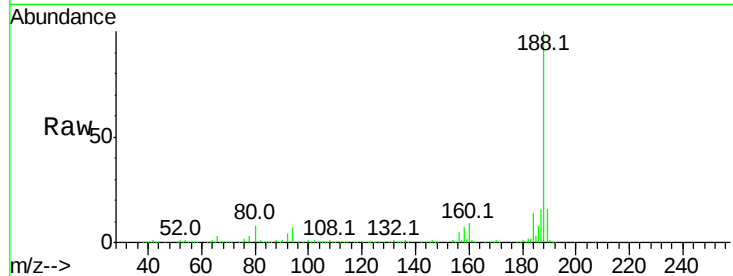




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031306.D
Acq: 1 Dec 2017 2:38

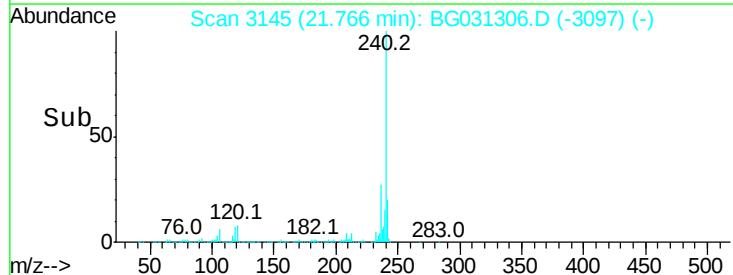
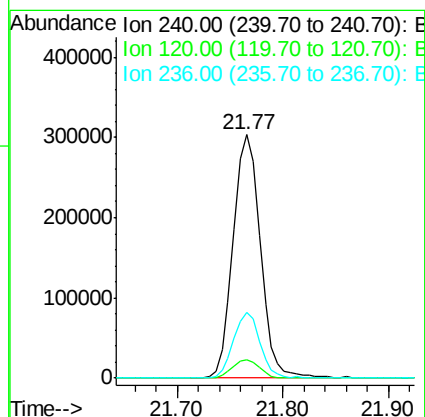
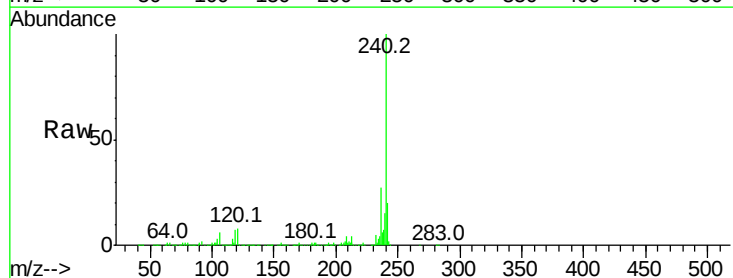
Instrument :
BNA_G
ClientSampleId :
112817-TIDO-E-D-S

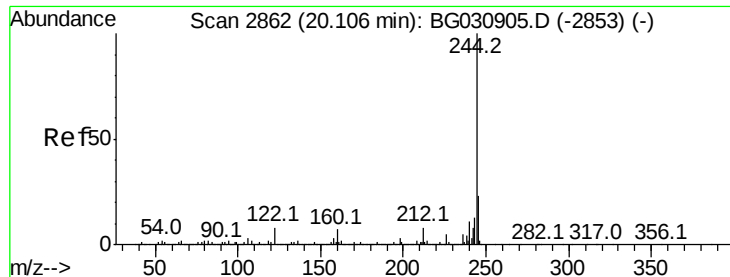
Tot Ion:188 Resp: 461226
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031306.D
Acq: 1 Dec 2017 2:38

Tgt Ion:240 Resp: 540817
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 27.1 20.9 31.3





#78

Terphenyl-d14

Concen: 78.325 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031306.D

Acq: 1 Dec 2017 2:38

Instrument :

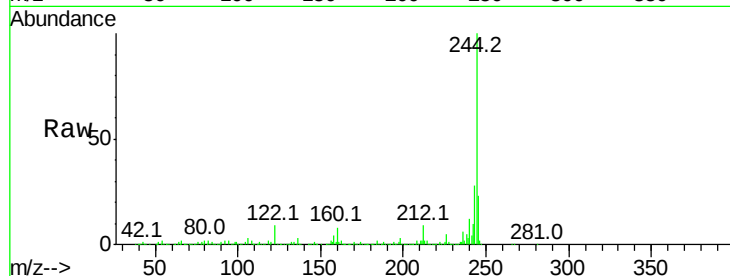
BNA_G

ClientSampleId :

112817-TIDO-E-D-S

Tot Ion:244 Resp: 1918375

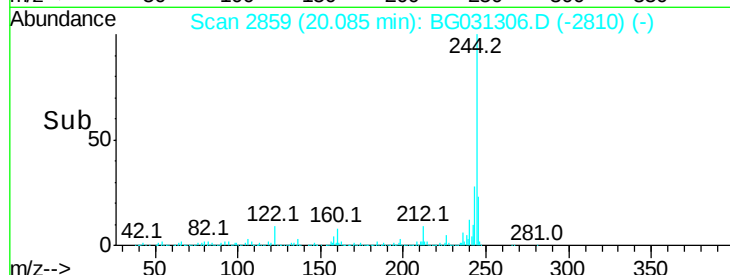
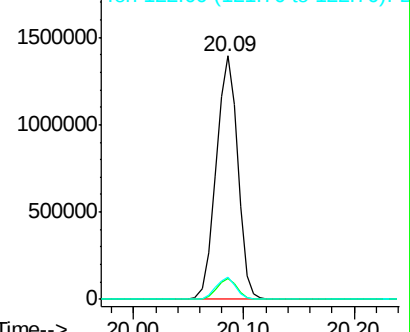
Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	9.1	7.0	10.4



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

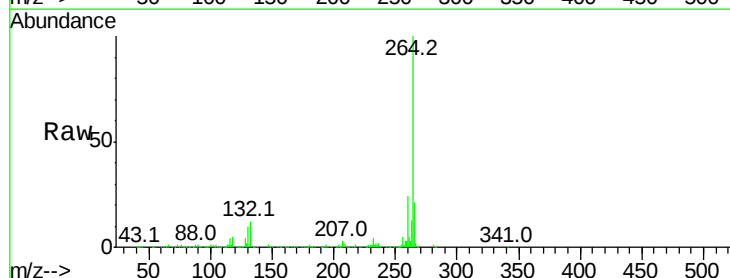
Delta R.T. -0.03 min

Lab File: BG031306.D

Acq: 1 Dec 2017 2:38

Tgt Ion:264 Resp: 530547

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.9	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

