

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031298.D
 Acq On : 30 Nov 2017 21:38
 Operator : SJ/JU
 Sample : I6634-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112717-TIDO-E-D-S

Quant Time: Dec 01 03:18:17 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	73109	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	293604	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	188735	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	481287	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	539526	20.00	ng	-0.02
86) Perylene-d12	25.06	264	514183	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	209106	49.05	ng	-0.02
7) Phenol-d6	7.29	99	166260	28.95	ng	-0.01
23) Nitrobenzene-d5	9.30	82	509970	102.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	273166	89.47	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1486671	113.18	ng	-0.02
78) Terphenyl-d14	20.09	244	2326954	95.23	ng	-0.01

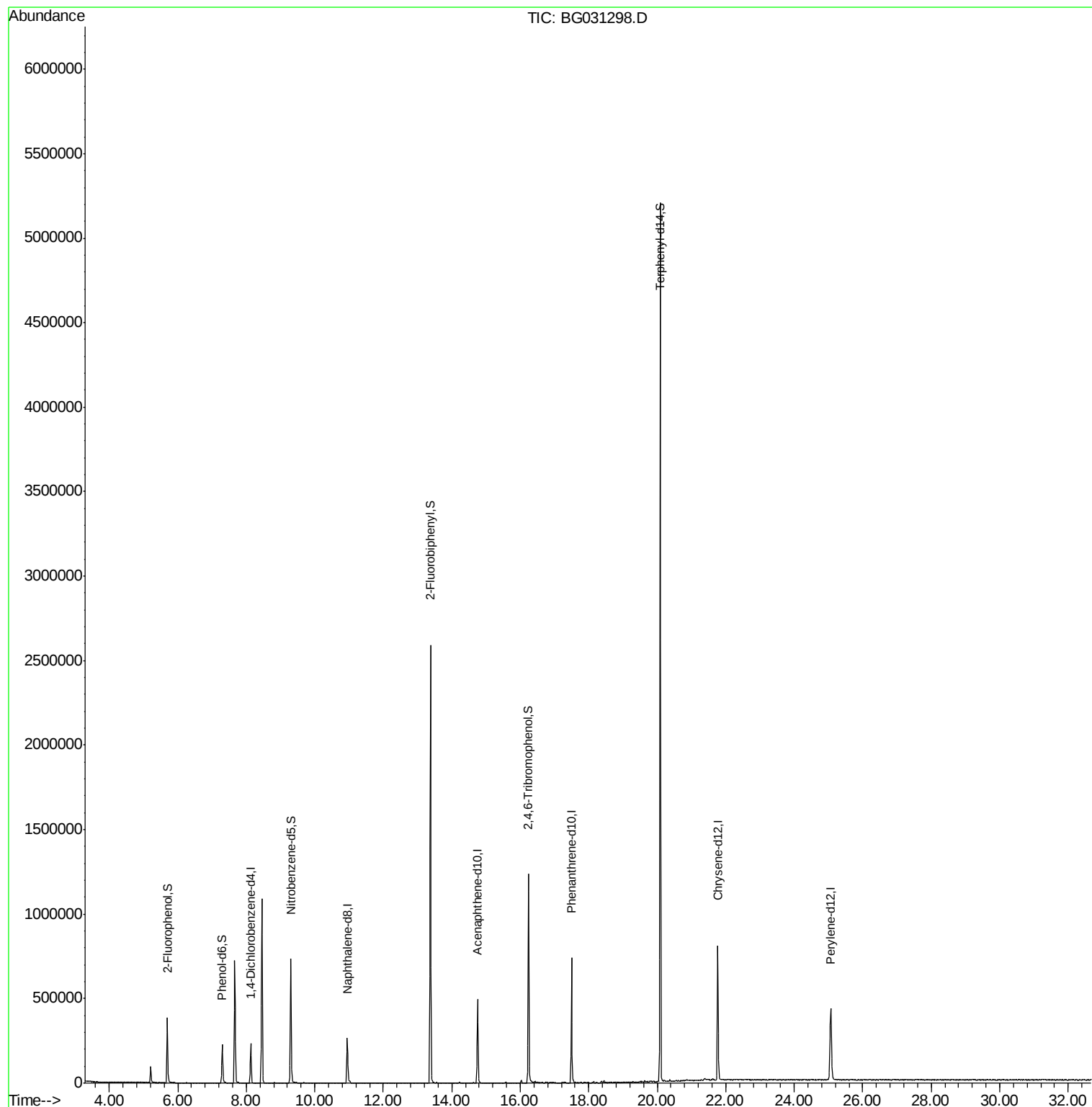
Target Compounds Qvalue

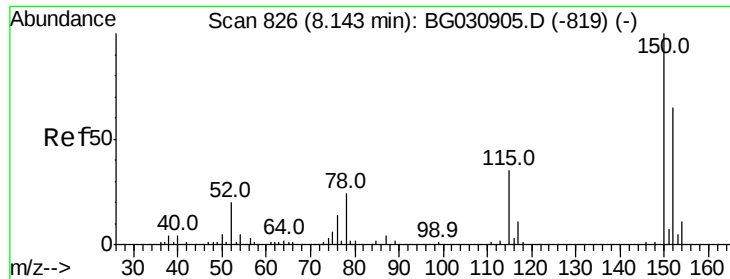
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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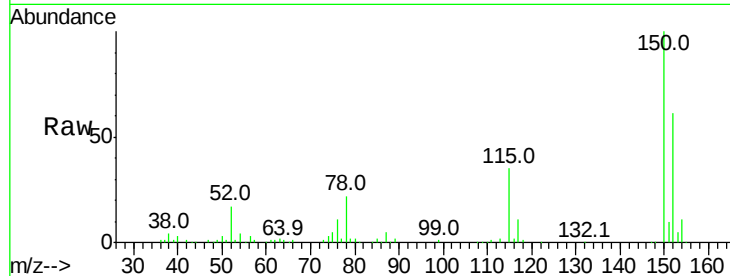


#1

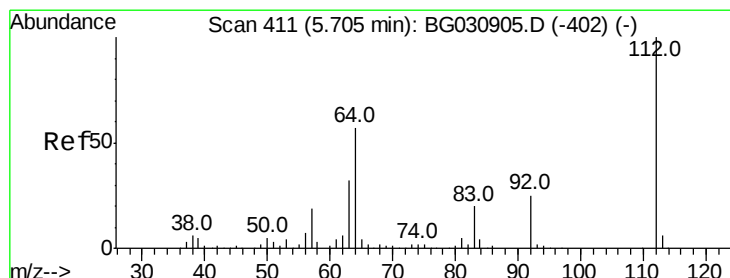
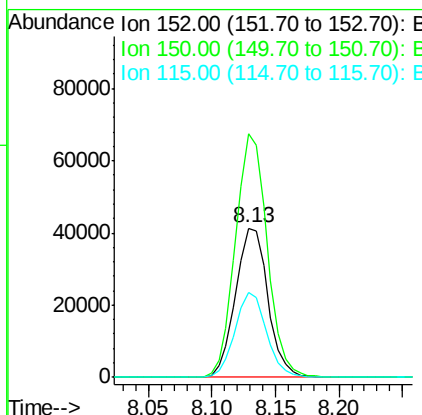
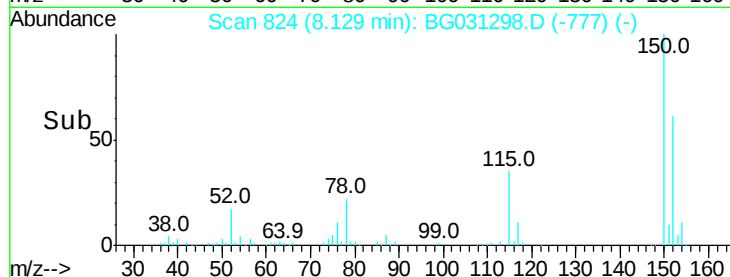
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031298.D
 Acq: 30 Nov 2017 21:38

Instrument :
 BNA_G
 ClientSampleId :
 112717-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.6	189.8
115	56.5	53.0	79.4



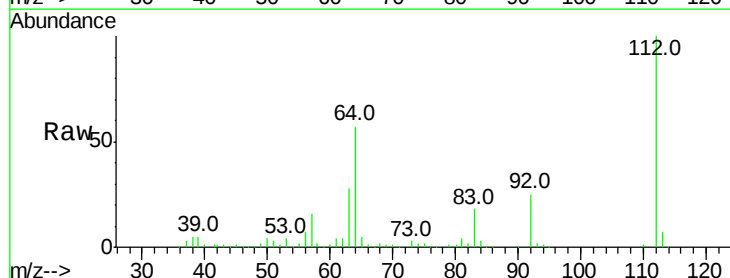
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



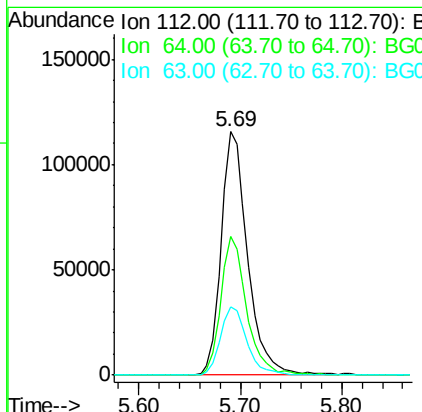
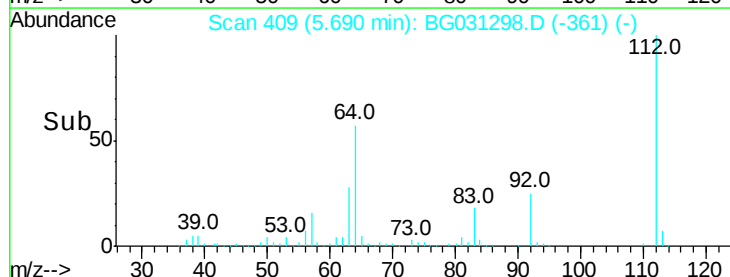
#5

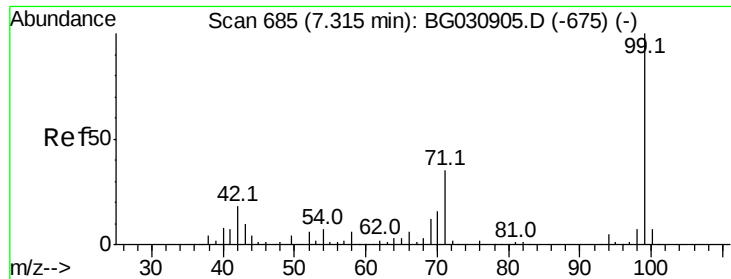
2-Fluorophenol
 Concen: 49.045 ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BG031298.D
 Acq: 30 Nov 2017 21:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	56.3	84.5
63	28.2	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: 28.946 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031298.D

Acq: 30 Nov 2017 21:38

Instrument :

BNA_G

ClientSampleId :

112717-TIDO-E-D-S

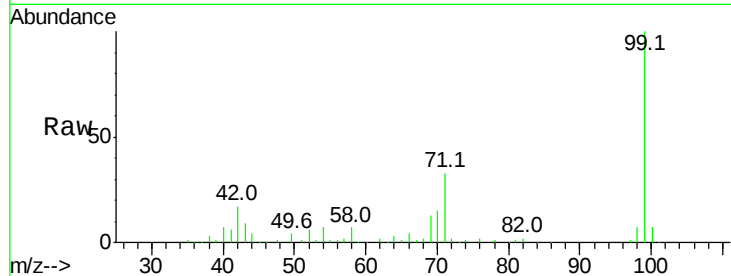
Tot Ion: 99 Resp: 166260

Ion Ratio Lower Upper

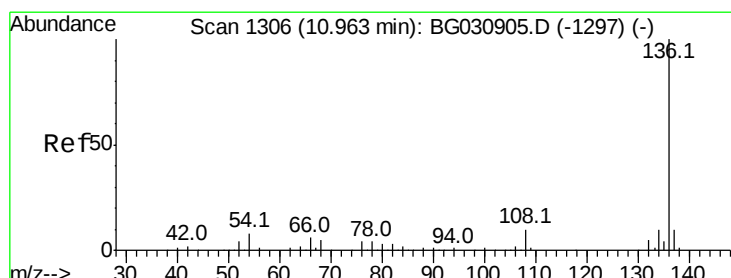
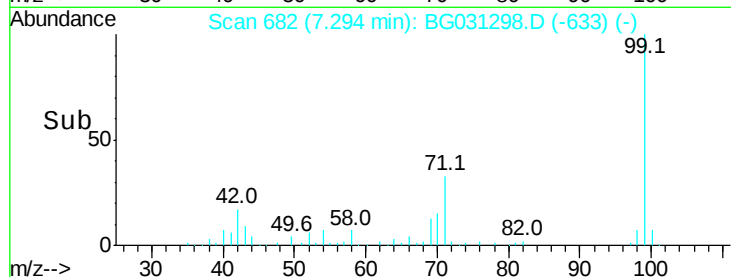
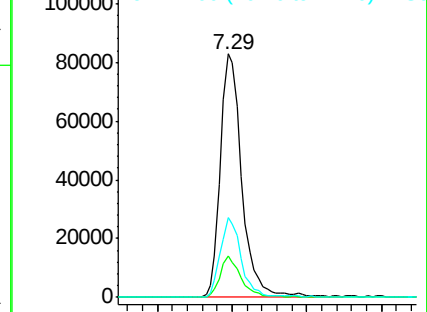
99 100

42 17.0 14.1 21.1

71 32.8 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# 1304

Delta R.T. -0.02 min

Lab File: BG031298.D

Acq: 30 Nov 2017 21:38

Tgt Ion: 136 Resp: 293604

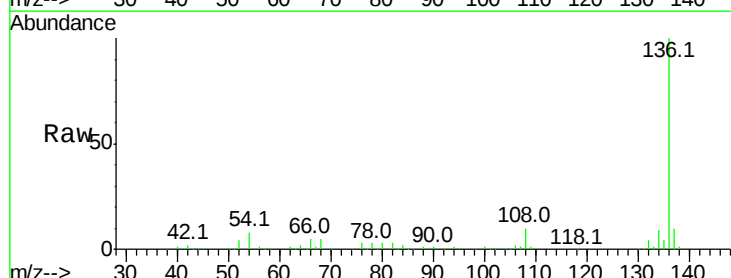
Ion Ratio Lower Upper

136 100

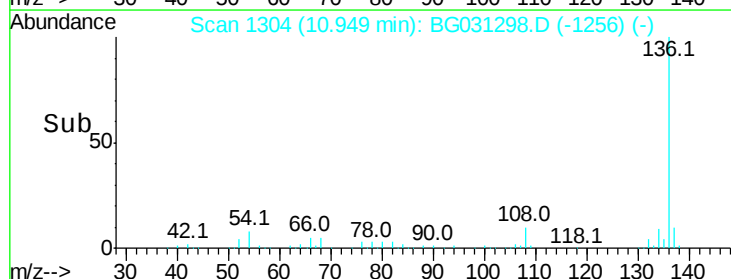
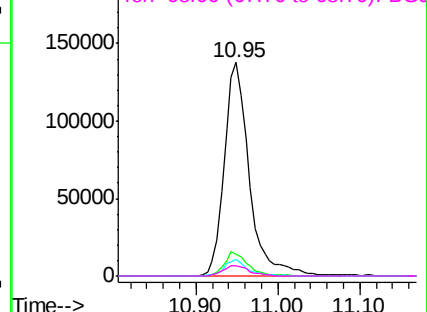
137 10.2 9.2 13.8

54 8.0 10.3 15.5#

68 4.8 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

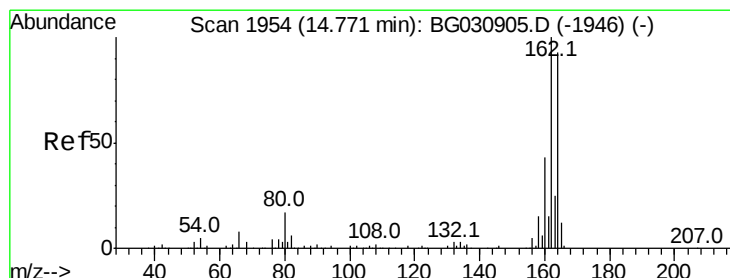
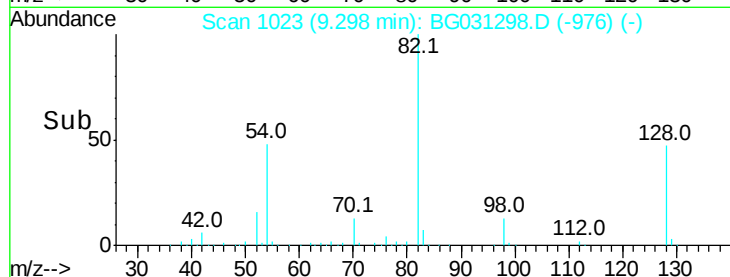
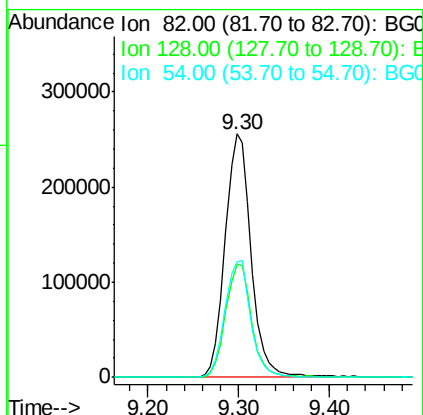
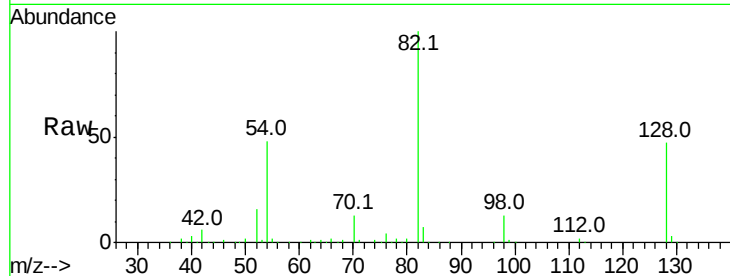




#23
Nitrobenzene-d5
Concen: 102.924 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031298.D
Acq: 30 Nov 2017 21:38

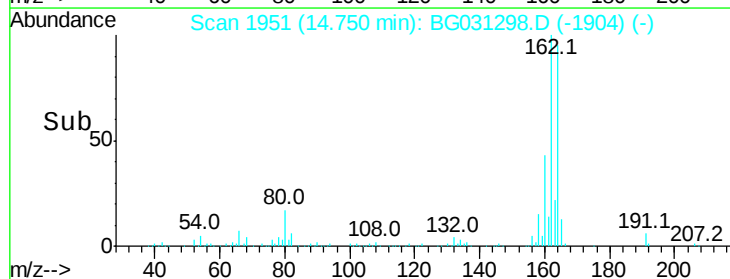
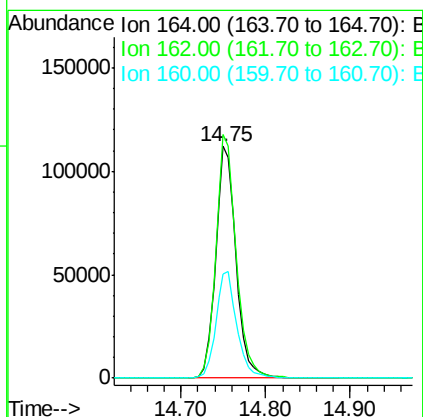
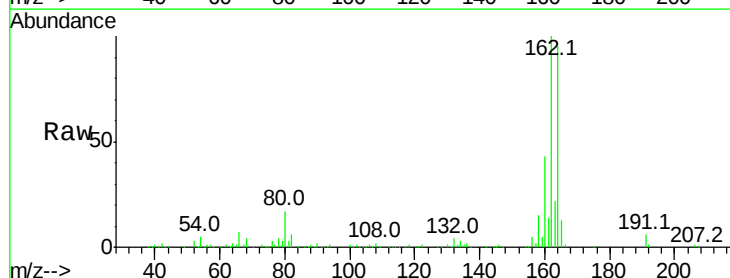
Instrument :
BNA_G
ClientSampleId :
112717-TIDO-E-D-S

Tot Ion: 82 Resp: 509970
Ion Ratio Lower Upper
82 100
128 46.6 29.7 44.5#
54 47.7 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: BG031298.D
Acq: 30 Nov 2017 21:38

Tgt Ion:164 Resp: 188735
Ion Ratio Lower Upper
164 100
162 105.1 78.8 118.2
160 45.1 35.4 53.0

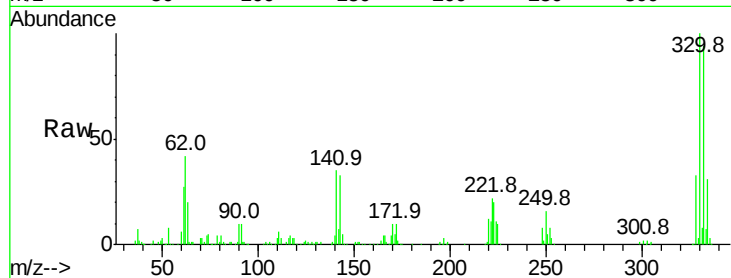




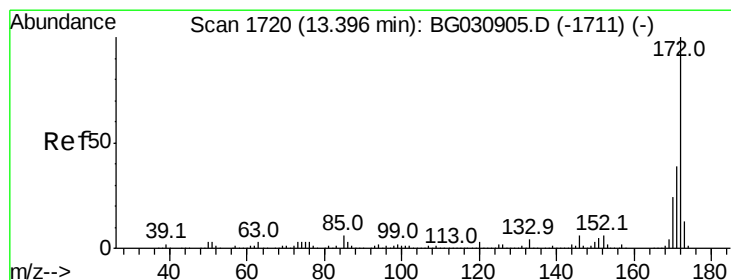
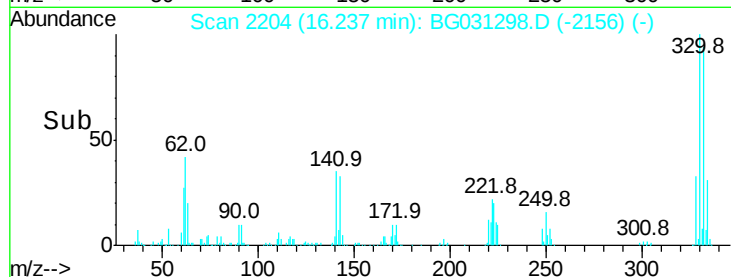
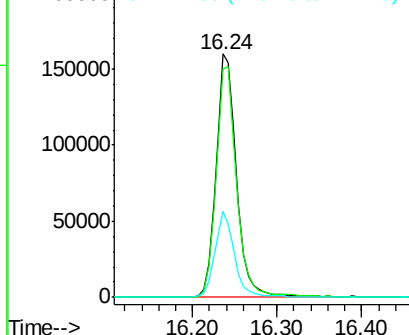
#41
 2,4,6-Tribromophenol
 Concen: 89.471 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031298.D
 Acq: 30 Nov 2017 21:38

Instrument :
 BNA_G
 ClientSampleId :
 112717-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.8	25.2	37.8

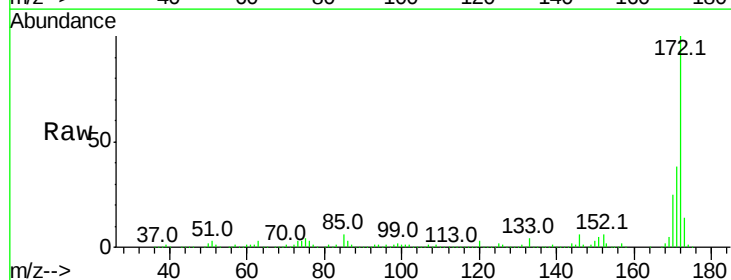


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

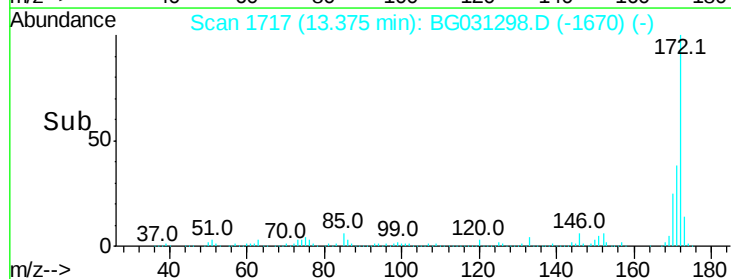
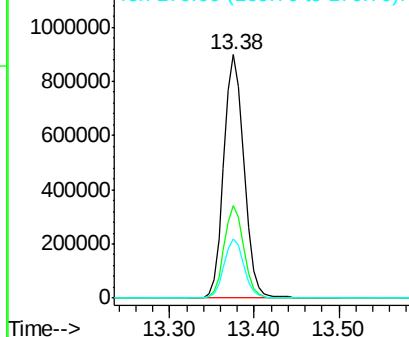


#44
 2-Fluorobiphenyl
 Concen: 113.184 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031298.D
 Acq: 30 Nov 2017 21:38

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

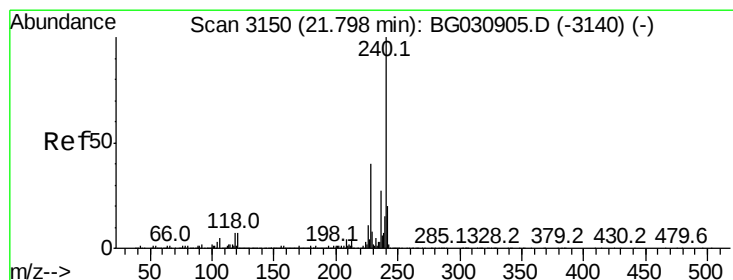
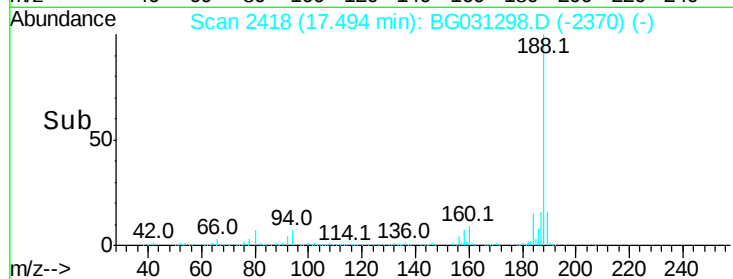
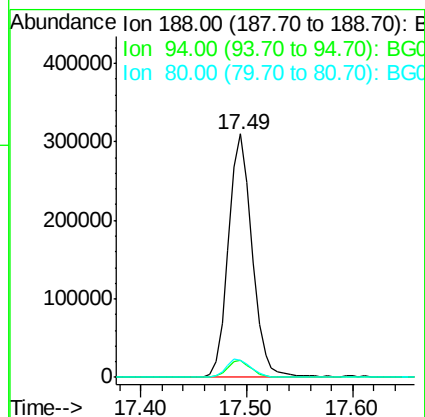
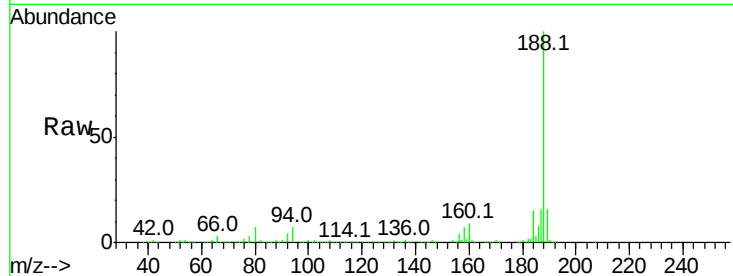




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031298.D
Acq: 30 Nov 2017 21:38

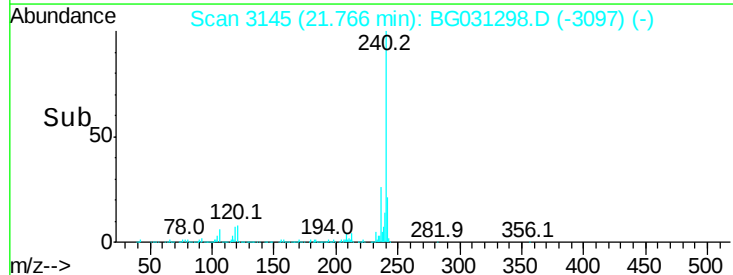
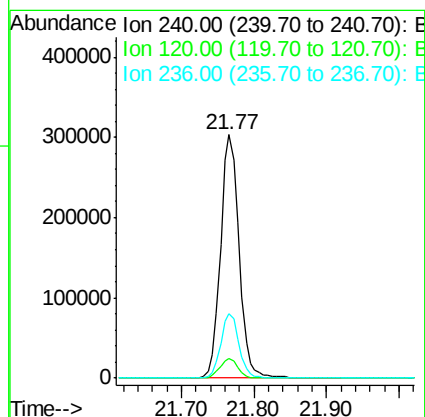
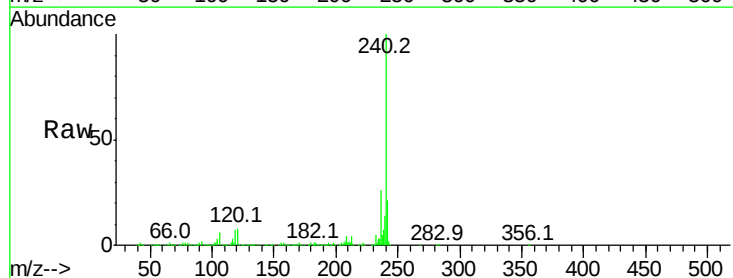
Instrument :
BNA_G
ClientSampleId :
112717-TIDO-E-D-S

Tot Ion:188 Resp: 481287
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.1 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: BG031298.D
Acq: 30 Nov 2017 21:38

Tgt Ion:240 Resp: 539526
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 95.234 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031298.D

Acq: 30 Nov 2017 21:38

Instrument :

BNA_G

ClientSampleId :

112717-TIDO-E-D-S

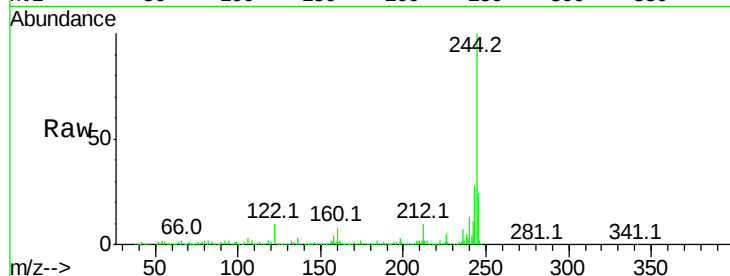
Tot Ion:244 Resp: 2326954

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

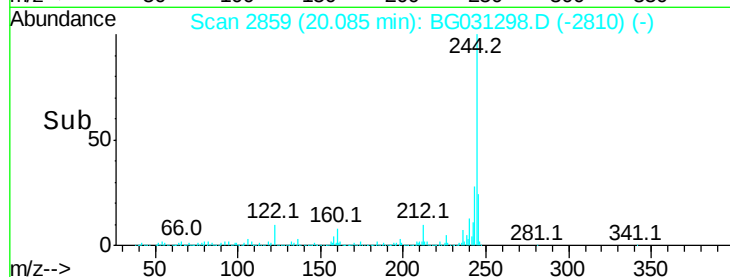
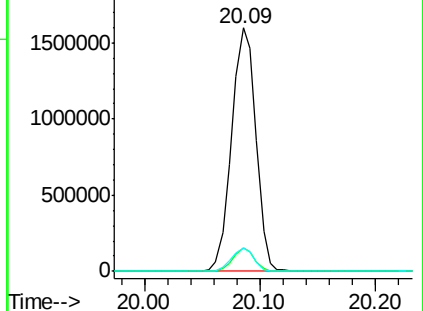
122 9.5 7.0 10.4



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: BG031298.D

Acq: 30 Nov 2017 21:38

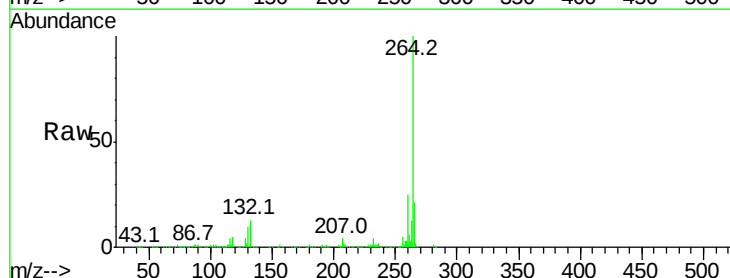
Tgt Ion:264 Resp: 514183

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.4 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

