

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031312.D
 Acq On : 1 Dec 2017 6:28
 Operator : SJ/JU
 Sample : I6636-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112917-TIDO-E-D-S

Quant Time: Dec 01 07:29:17 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	62718	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	260452	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	169542	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	456432	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	543722	20.00	ng	-0.02
86) Perylene-d12	25.06	264	530546	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	184776	50.52	ng	-0.02
7) Phenol-d6	7.29	99	150468	30.54	ng	-0.01
23) Nitrobenzene-d5	9.30	82	406585	92.50	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	237188	86.48	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	1206142	102.22	ng	-0.03
78) Terphenyl-d14	20.08	244	2088672	84.82	ng	-0.01

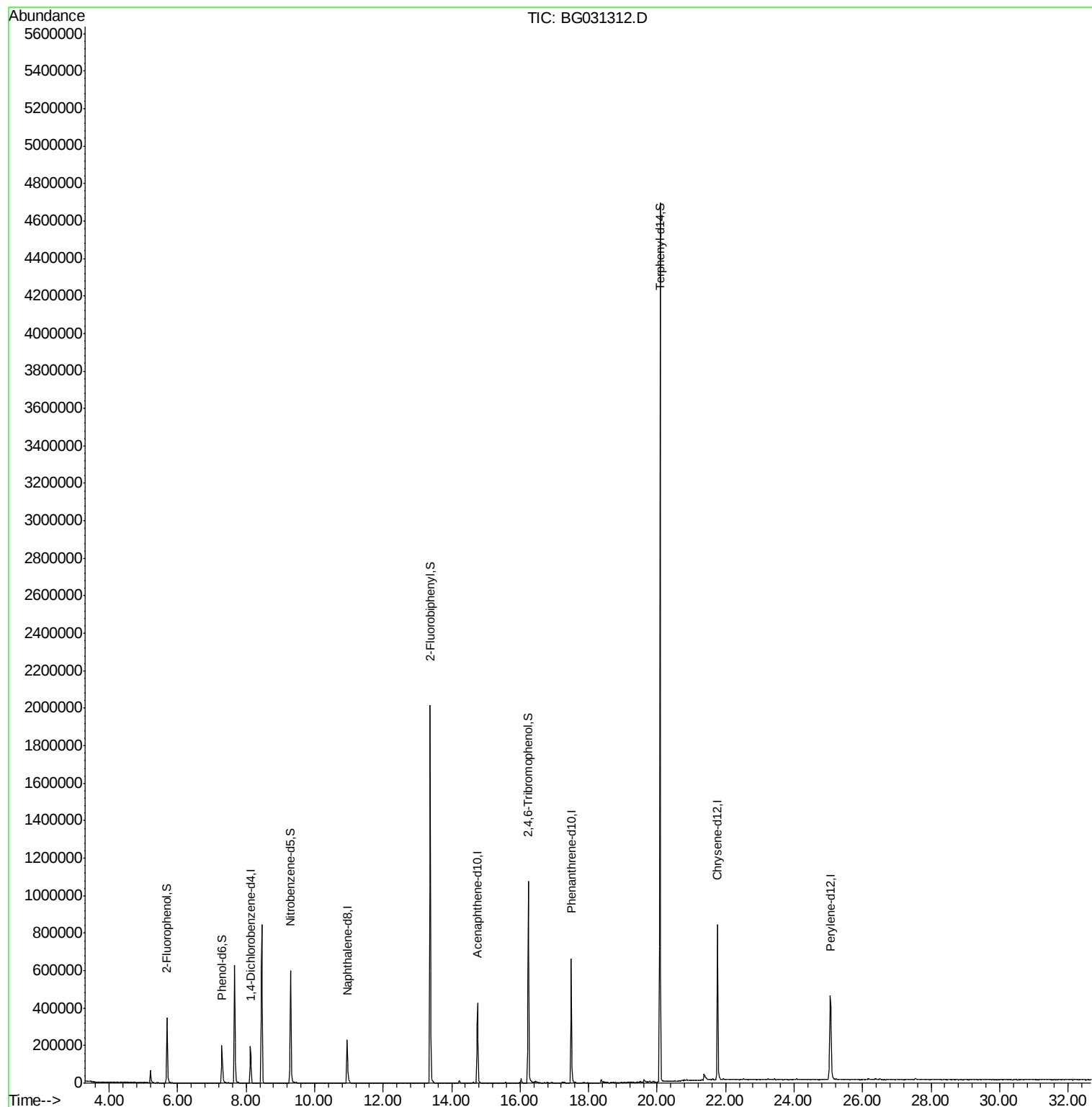
Target Compounds Qvalue

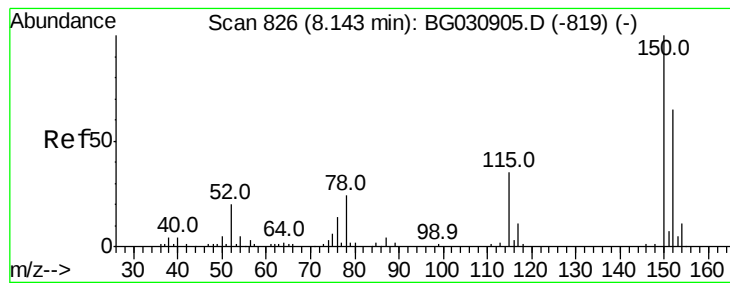
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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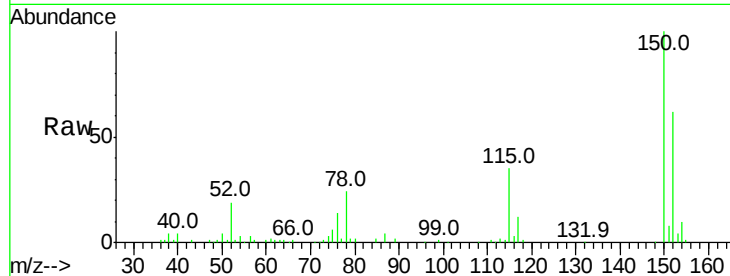


#1

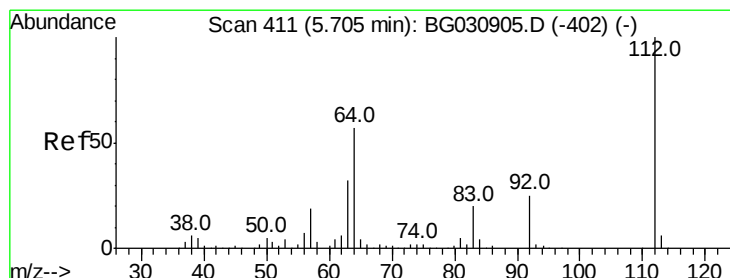
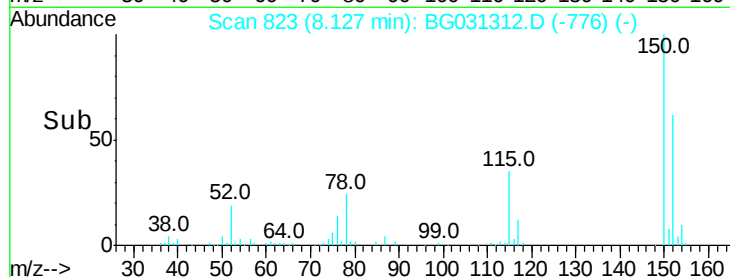
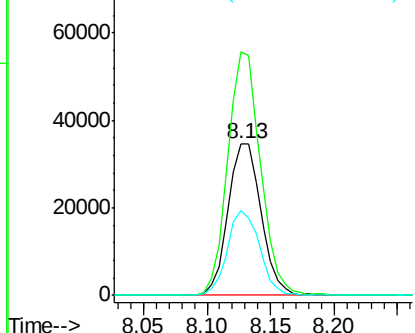
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BG031312.D
 Acq: 1 Dec 2017 6:28

Instrument :
 BNA_G
 ClientSampleId :
 112917-TIDO-E-D-S

Tot Ion:152 Resp: 62718
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.6 189.8
 115 56.3 53.0 79.4



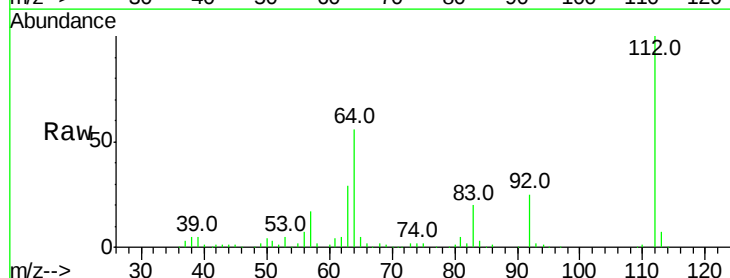
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



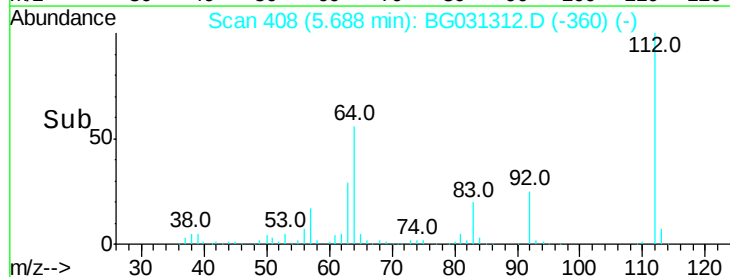
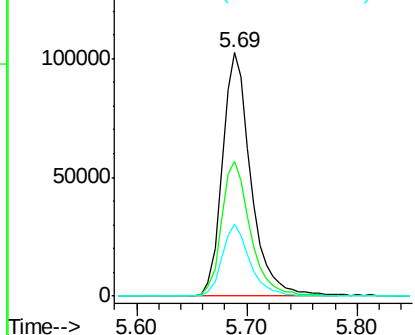
#5

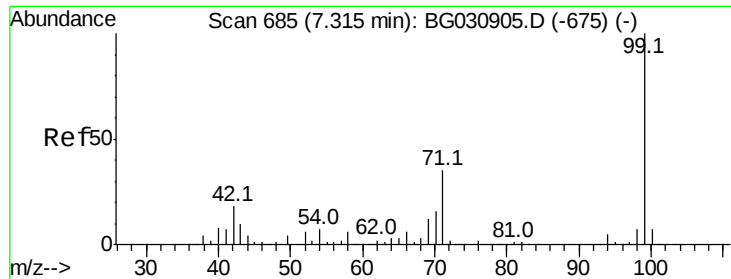
2-Fluorophenol
 Concen: 50.519 ng
 RT: 5.69 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BG031312.D
 Acq: 1 Dec 2017 6:28

Tgt Ion:112 Resp: 184776
 Ion Ratio Lower Upper
 112 100
 64 55.6 56.3 84.5#
 63 29.5 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: 30.536 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031312.D

Acq: 1 Dec 2017 6:28

Instrument :

BNA_G

ClientSampleId :

112917-TIDO-E-D-S

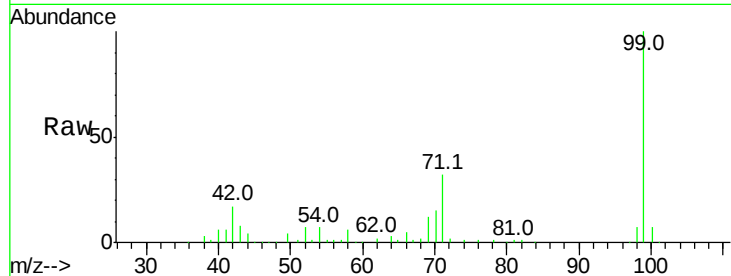
Tot Ion: 99 Resp: 150468

Ion Ratio Lower Upper

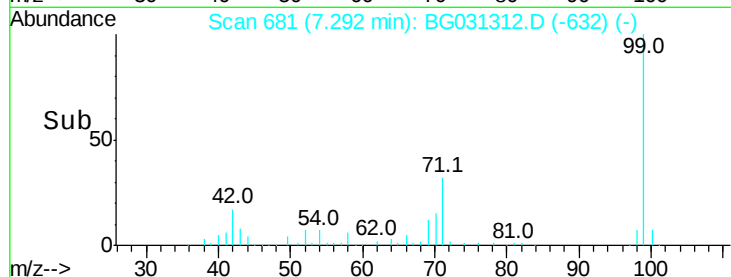
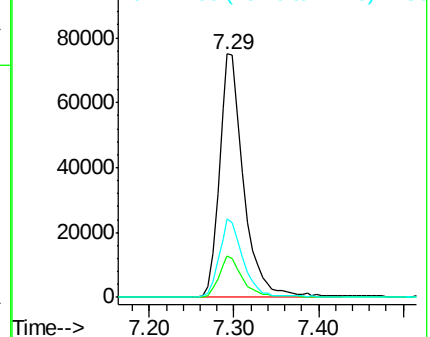
99 100

42 17.2 14.1 21.1

71 32.3 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: BG031312.D

Acq: 1 Dec 2017 6:28

Tgt Ion: 136 Resp: 260452

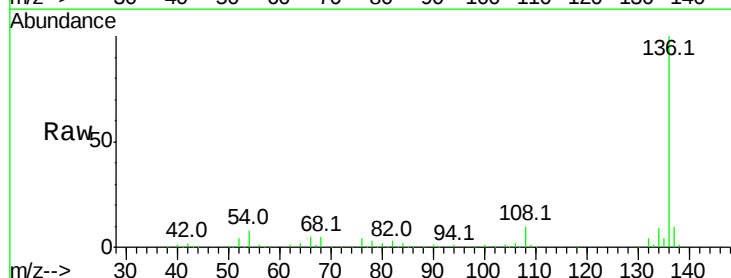
Ion Ratio Lower Upper

136 100

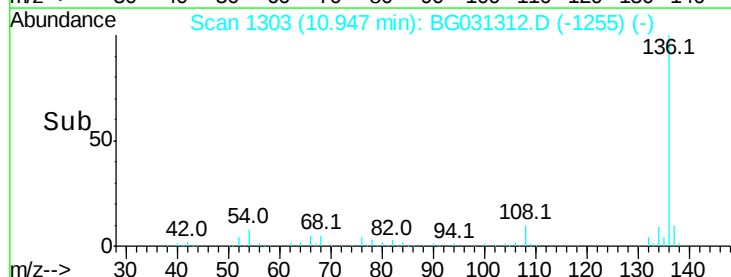
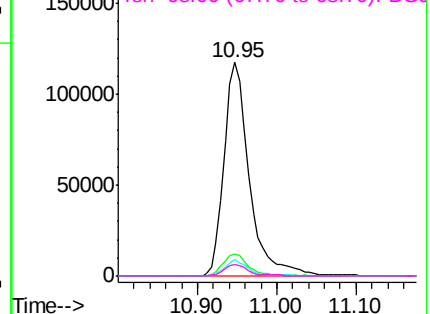
137 10.2 9.2 13.8

54 7.7 10.3 15.5#

68 5.2 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

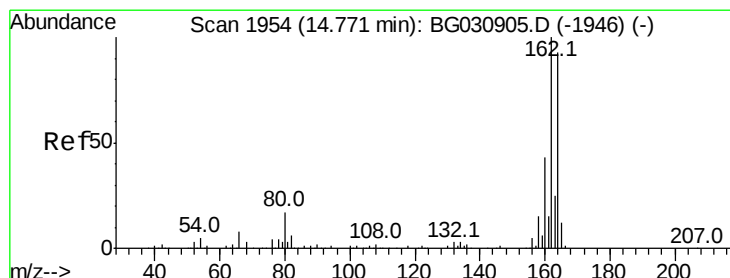
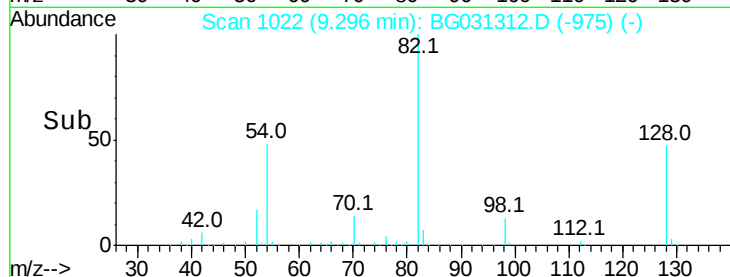
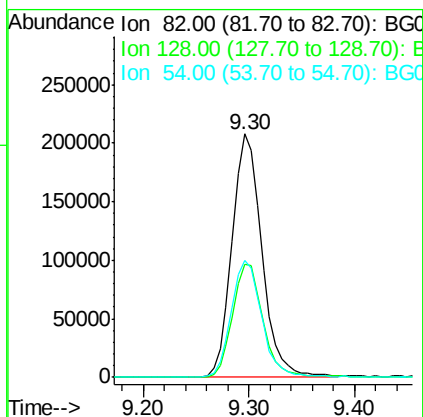
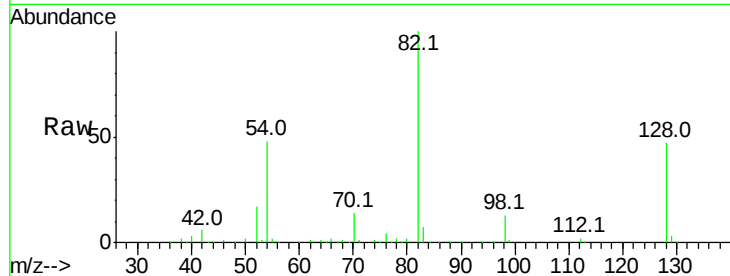




#23
Nitrobenzene-d5
Concen: 92.503 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031312.D
Acq: 1 Dec 2017 6:28

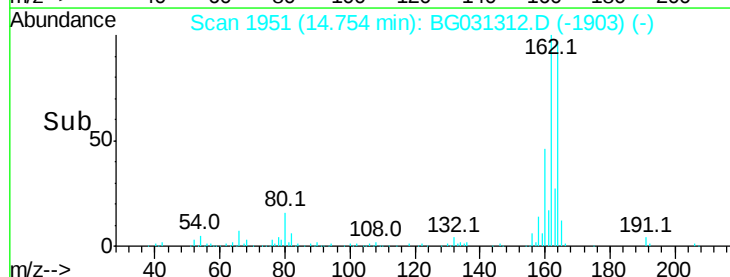
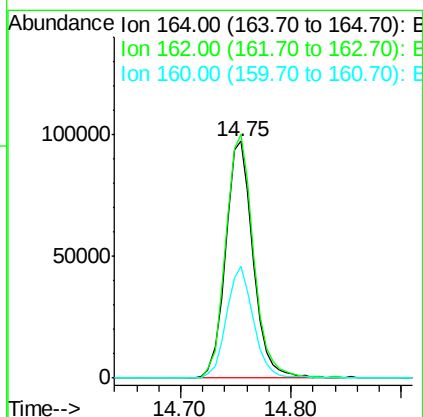
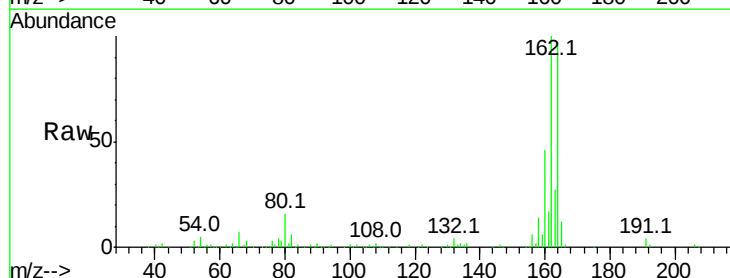
Instrument :
BNA_G
ClientSampleId :
112917-TIDO-E-D-S

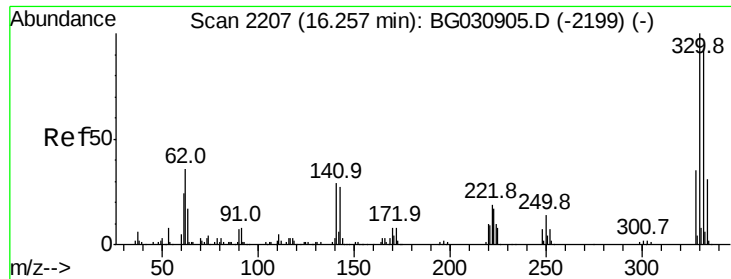
Tot Ion: 82 Resp: 406585
Ion Ratio Lower Upper
82 100
128 46.7 29.7 44.5#
54 47.9 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031312.D
Acq: 1 Dec 2017 6:28

Tgt Ion:164 Resp: 169542
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 47.1 35.4 53.0

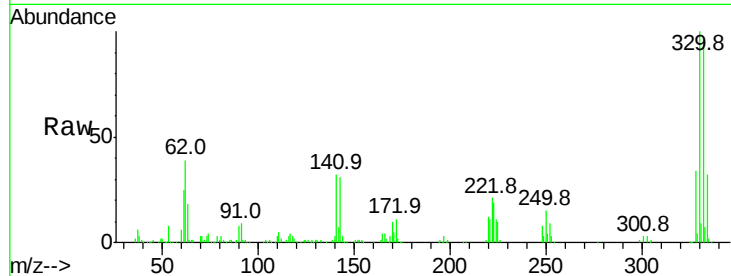




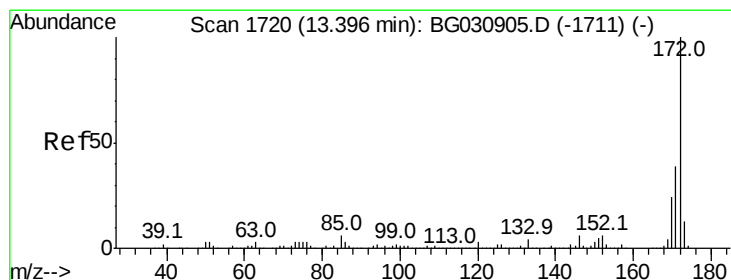
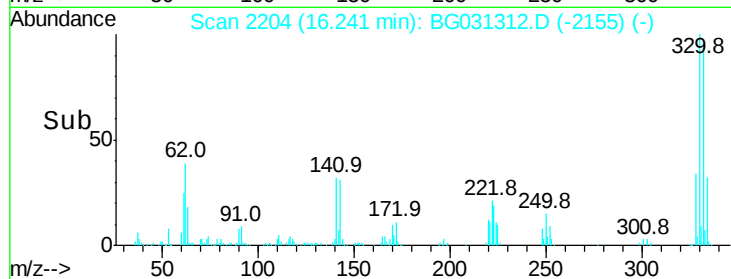
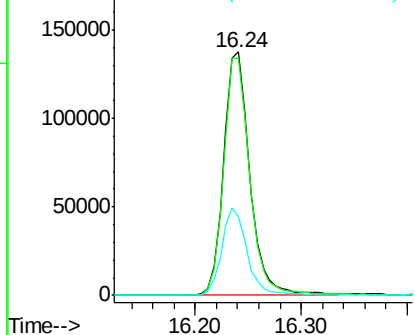
#41
 2,4,6-Tribromophenol
 Concen: 86.482 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031312.D
 Acq: 1 Dec 2017 6:28

Instrument :
 BNA_G
 ClientSampleId :
 112917-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	34.8	25.2	37.8

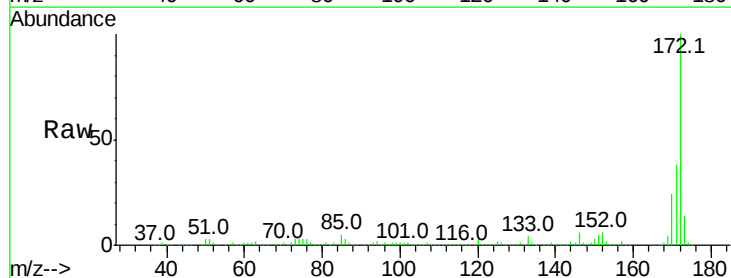


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

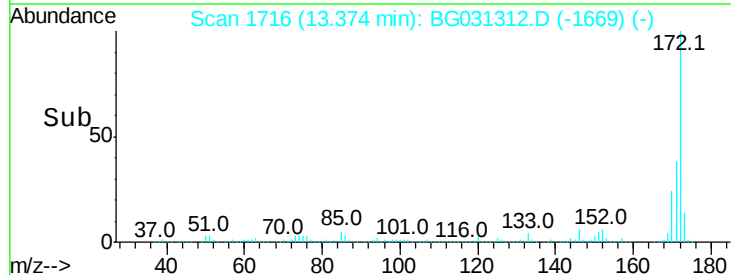
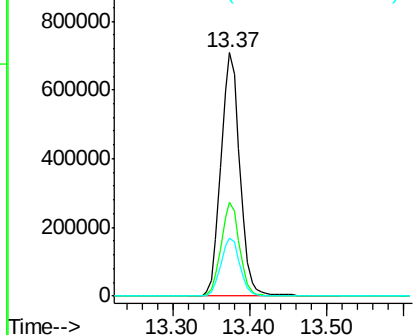


#44
 2-Fluorobiphenyl
 Concen: 102.222 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031312.D
 Acq: 1 Dec 2017 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.8	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: BG031312.D

Acq: 1 Dec 2017 6:28

Instrument :

BNA_G

ClientSampleId :

112917-TIDO-E-D-S

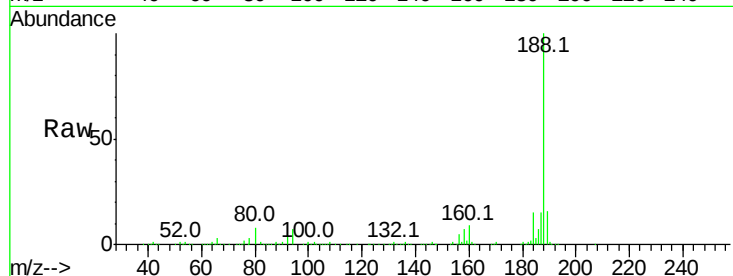
Tot Ion:188 Resp: 456432

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

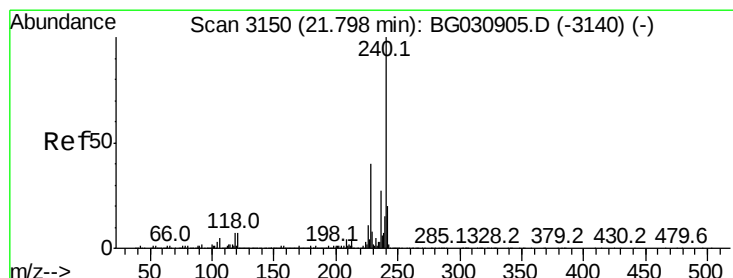
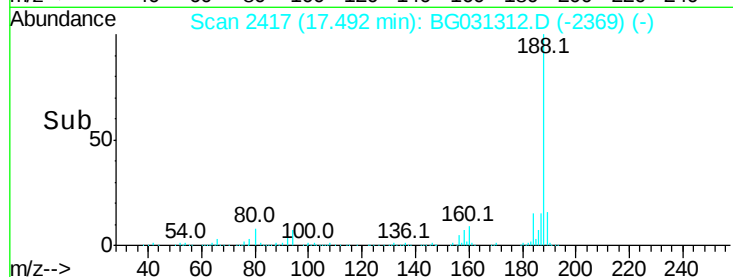
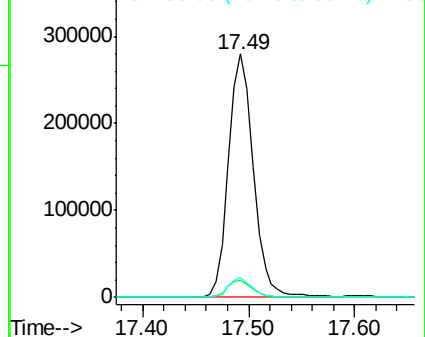
80 7.8 7.7 11.5



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: BG031312.D

Acq: 1 Dec 2017 6:28

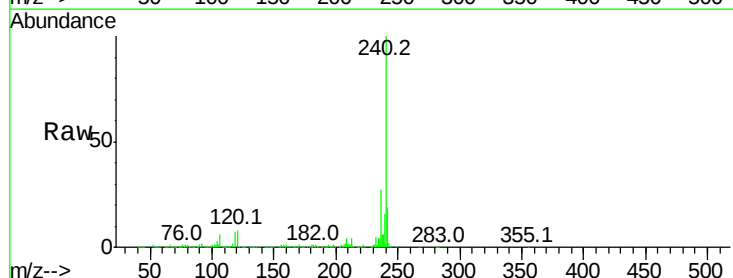
Tgt Ion:240 Resp: 543722

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

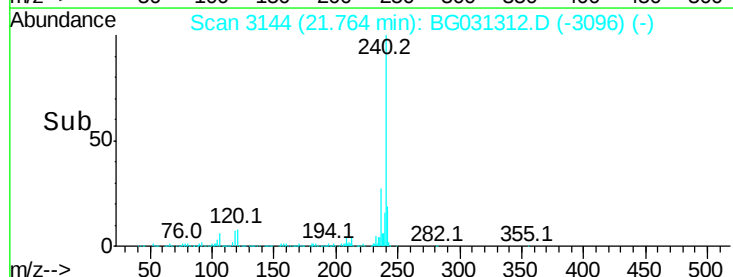
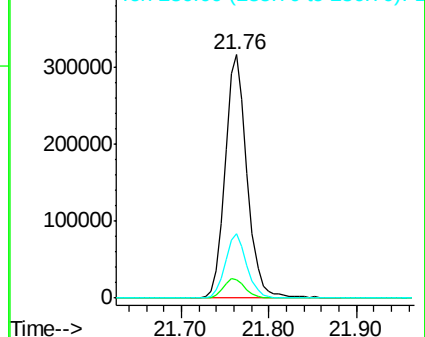
236 26.7 20.9 31.3



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: 84.822 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031312.D

Acq: 1 Dec 2017 6:28

Instrument :

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ClientSampleId :

112917-TIDO-E-D-S

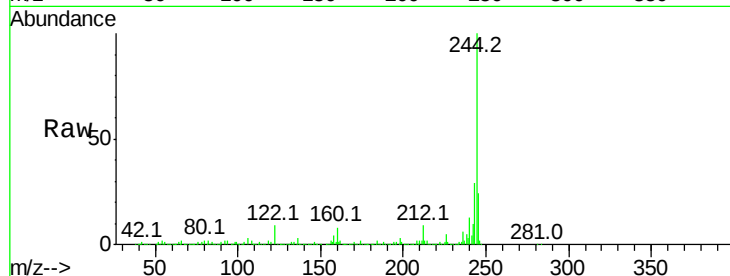
Tot Ion:244 Resp: 2088672

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

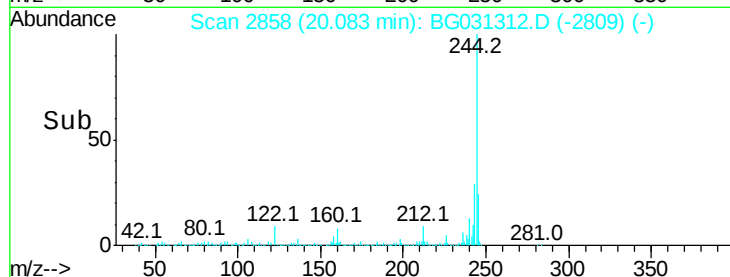
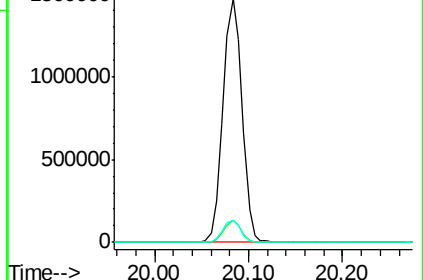
122 9.0 7.0 10.4



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: BG031312.D

Acq: 1 Dec 2017 6:28

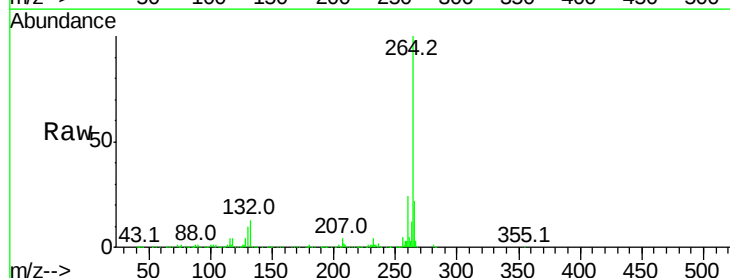
Tgt Ion:264 Resp: 530546

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.9 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

