

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031184.D
 Acq On : 22 Nov 2017 11:37
 Operator : SJ/JU
 Sample : I6540-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Nov 22 13:28:55 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	58594	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	258151	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	172445	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	450970	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	539994	20.00	ng	-0.01
86) Perylene-d12	25.07	264	517164	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	162611	47.59	ng	0.00
7) Phenol-d6	7.30	99	138202	30.02	ng	0.00
23) Nitrobenzene-d5	9.31	82	407486	93.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	224902	80.62	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1183956	98.65	ng	-0.02
78) Terphenyl-d14	20.09	244	2035276	83.22	ng	0.00

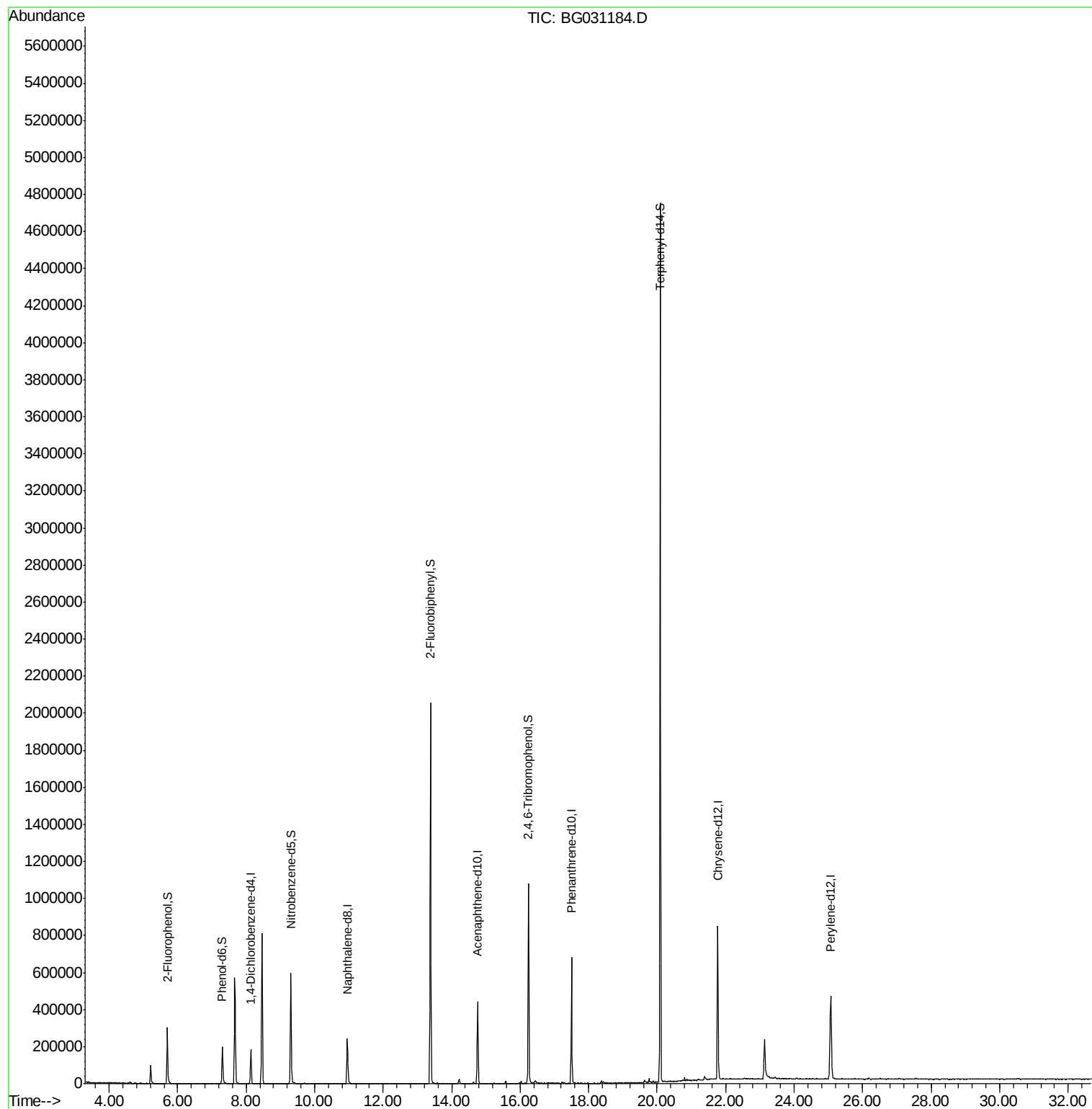
Target Compounds Qvalue

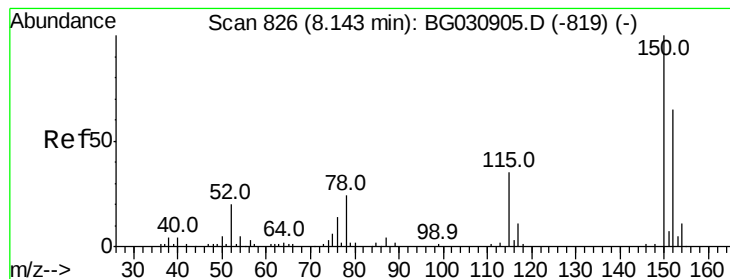
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : I6540-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Nov 22 13:28:55 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



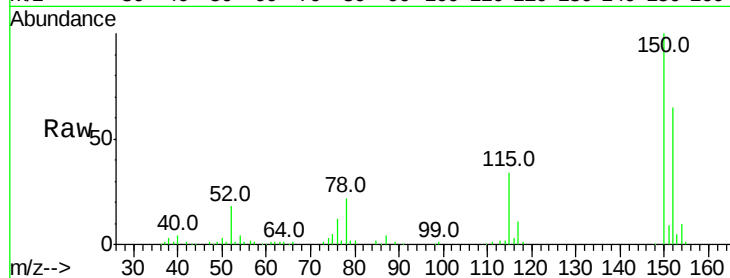


#1

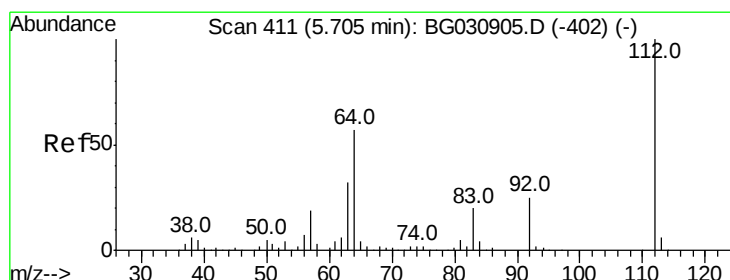
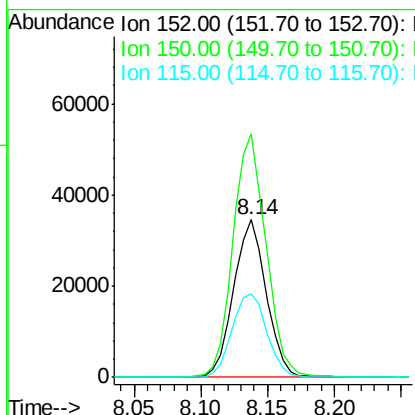
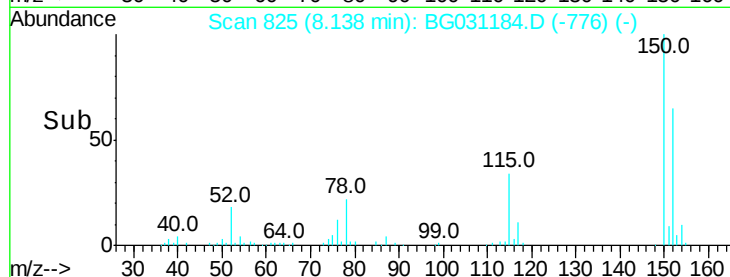
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG031184.D
 Acq: 22 Nov 2017 11:37

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

Tot Ion:152 Resp: 58594
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.6 189.8
 115 53.0 53.0 79.4



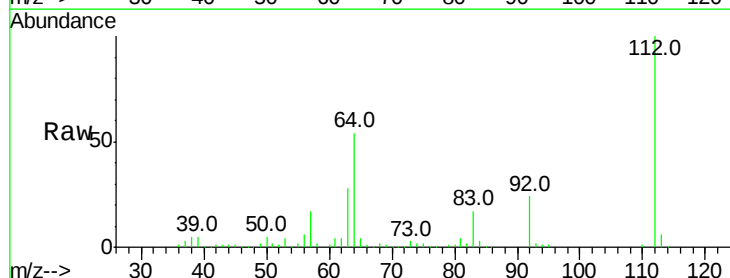
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



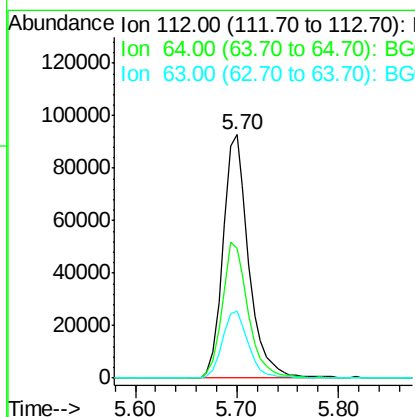
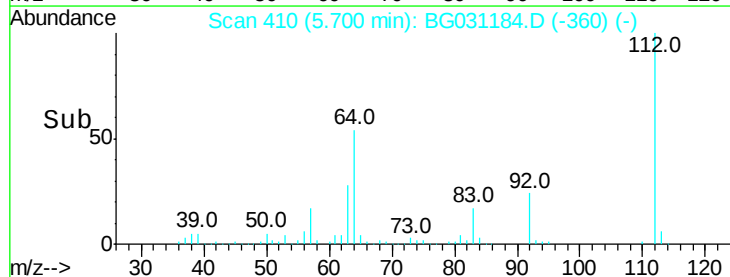
#5

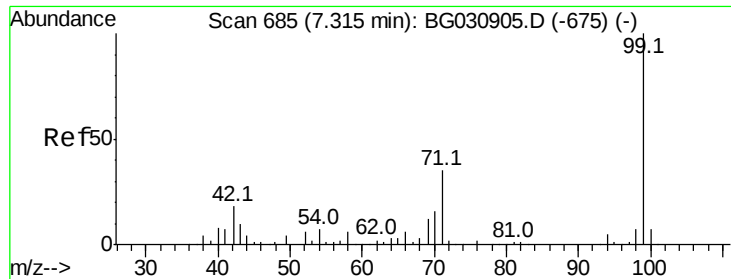
2-Fluorophenol
 Concen: 47.588 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031184.D
 Acq: 22 Nov 2017 11:37

Tgt Ion:112 Resp: 162611
 Ion Ratio Lower Upper
 112 100
 64 53.5 56.3 84.5#
 63 27.6 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: 30.021 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031184.D

Acq: 22 Nov 2017 11:37

Instrument :

BNA_G

ClientSampleId :

111617-TIDO-F-U-S

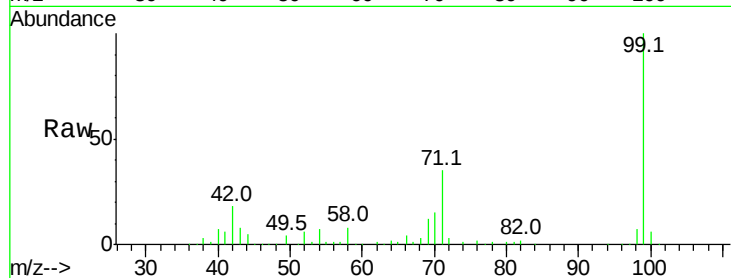
Tot Ion: 99 Resp: 138202

Ion Ratio Lower Upper

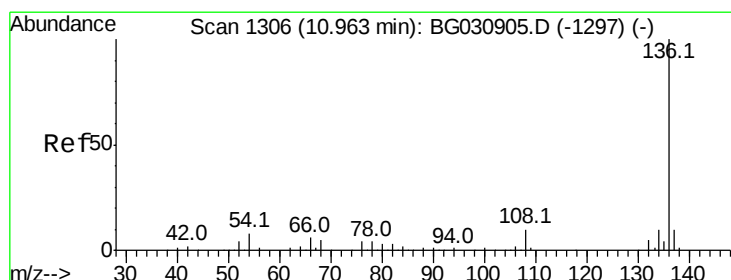
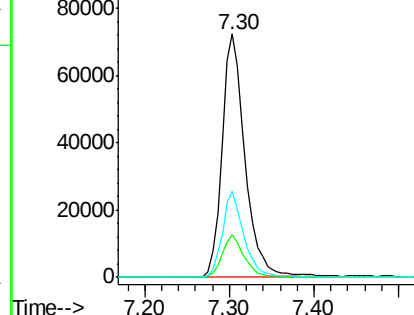
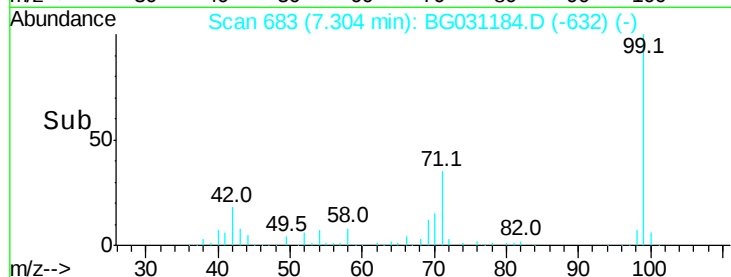
99 100

42 17.5 14.1 21.1

71 35.3 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# 1304

Delta R.T. -0.01 min

Lab File: BG031184.D

Acq: 22 Nov 2017 11:37

Tgt Ion: 136 Resp: 258151

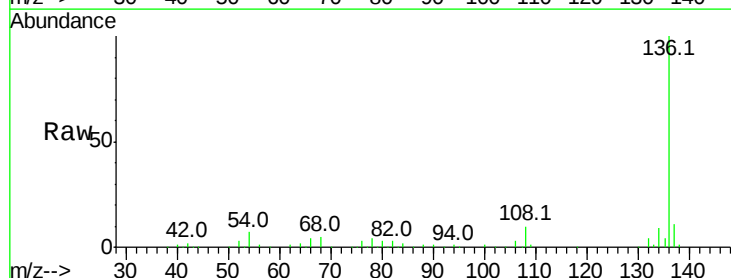
Ion Ratio Lower Upper

136 100

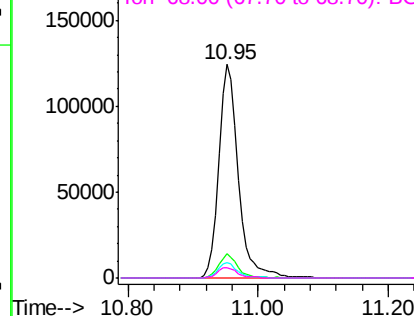
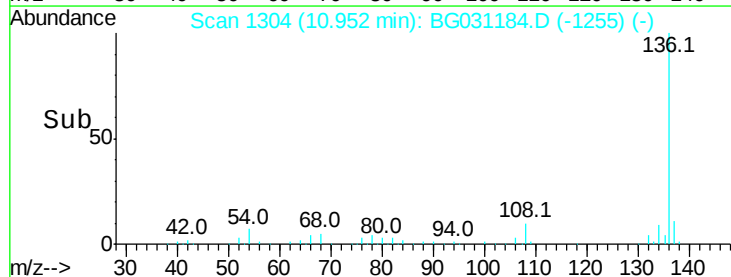
137 11.3 9.2 13.8

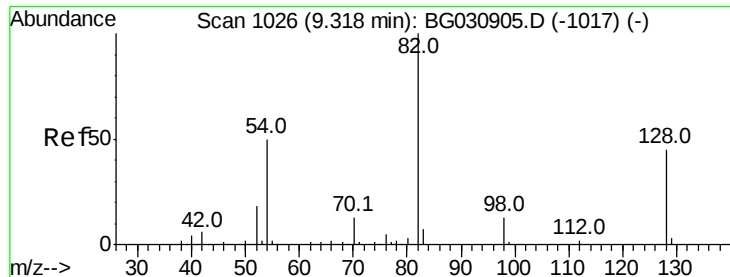
54 7.4 10.3 15.5#

68 4.7 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

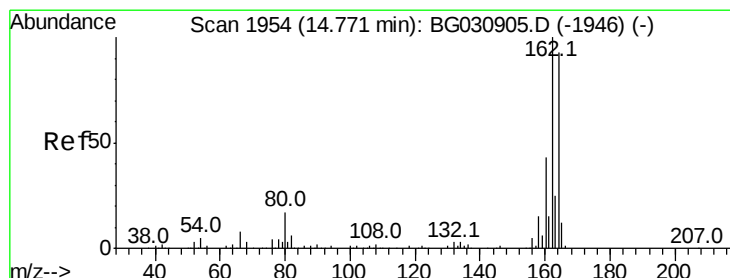
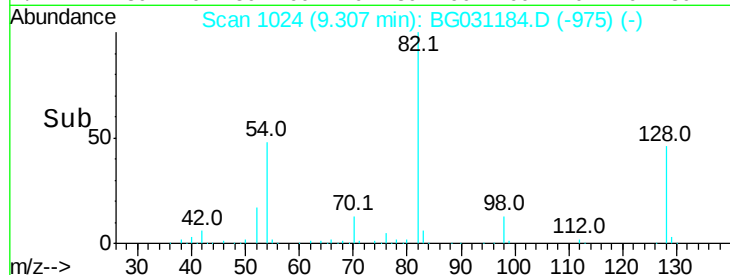
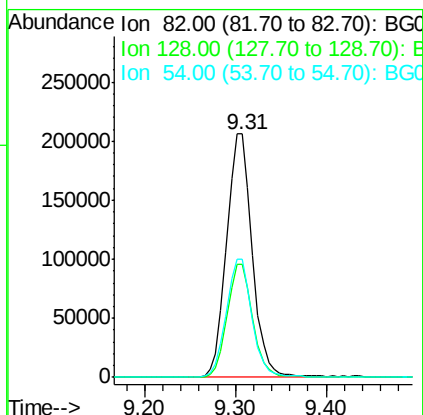
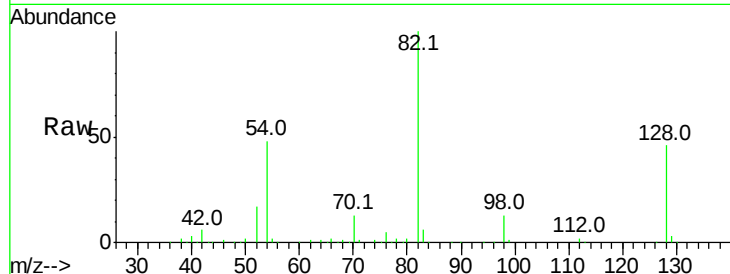




#23
 Nitrobenzene-d5
 Concen: 93.535 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG031184.D
 Acq: 22 Nov 2017 11:37

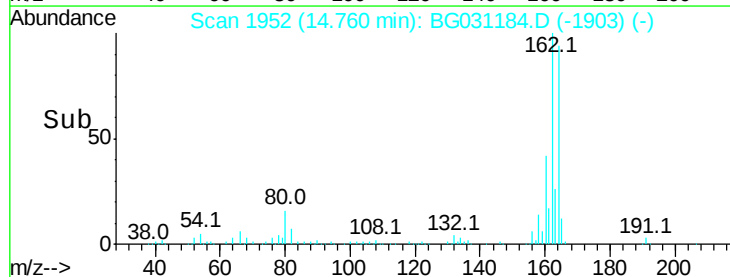
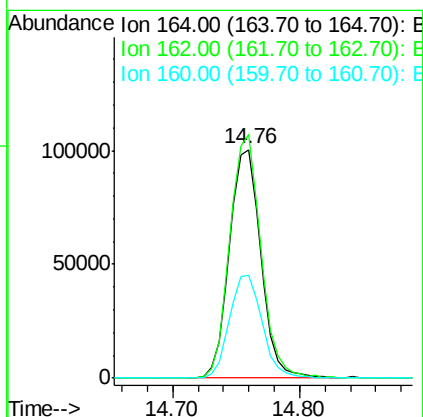
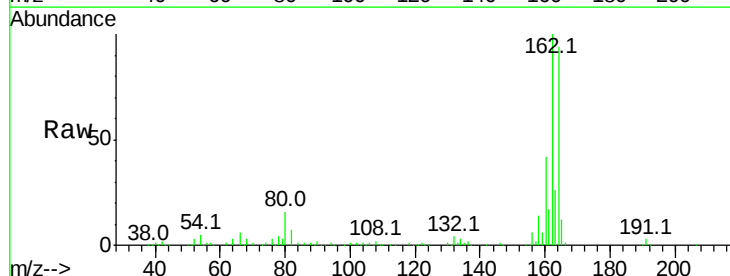
Instrument :
 BNA_G
 ClientSampleId :
 111617-TIDO-F-U-S

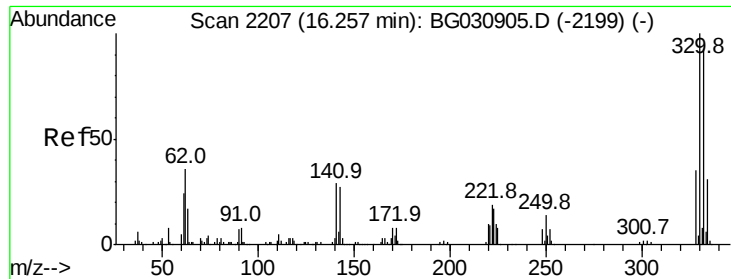
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	29.7	44.5#
54	48.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG031184.D
 Acq: 22 Nov 2017 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	78.8	118.2
160	44.9	35.4	53.0

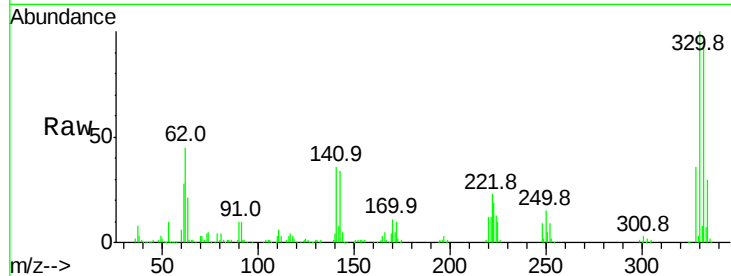




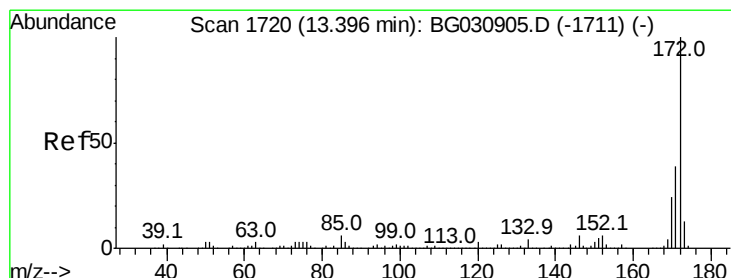
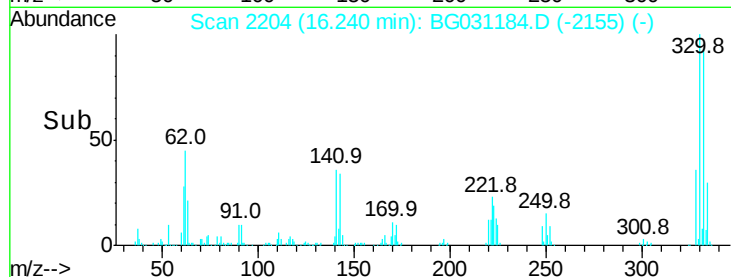
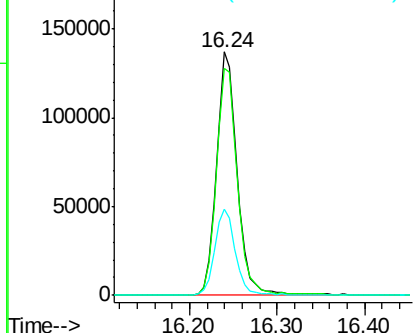
#41
 2,4,6-Tribromophenol
 Concen: 80.622 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031184.D
 Acq: 22 Nov 2017 11:37

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.7	25.2	37.8

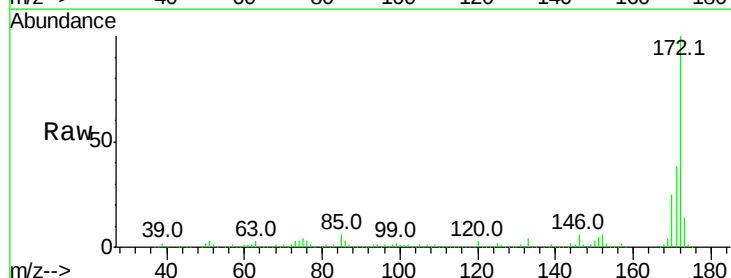


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

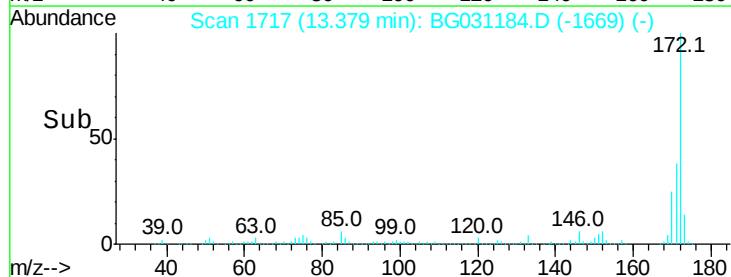
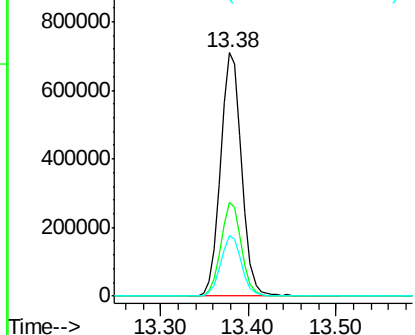


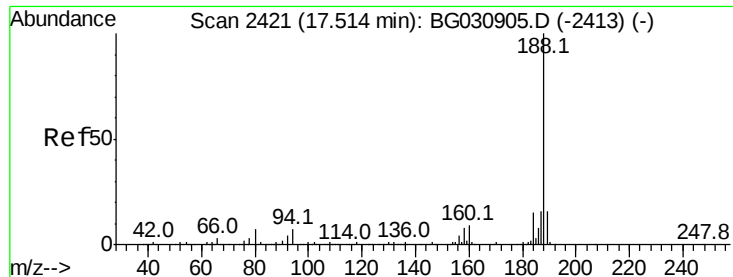
#44
 2-Fluorobiphenyl
 Concen: 98.653 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031184.D
 Acq: 22 Nov 2017 11:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.6	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

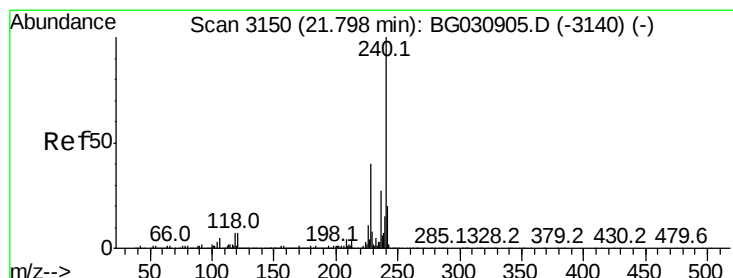
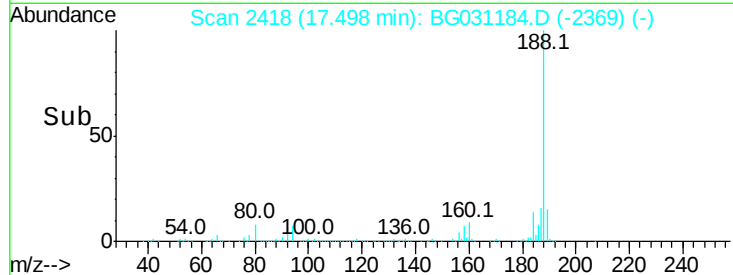
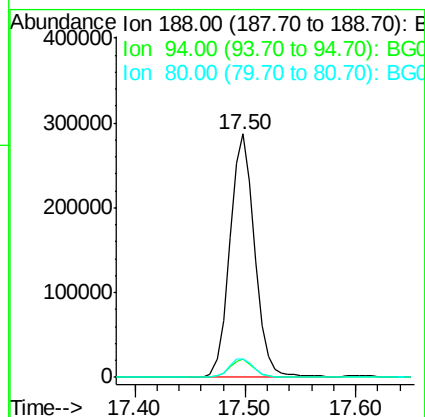
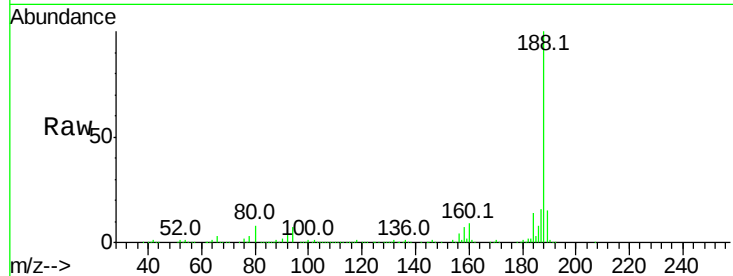




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG031184.D
Acq: 22 Nov 2017 11:37

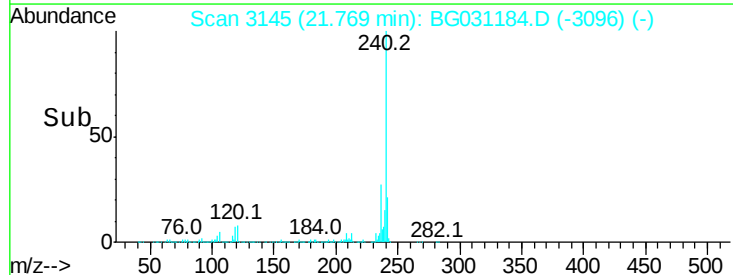
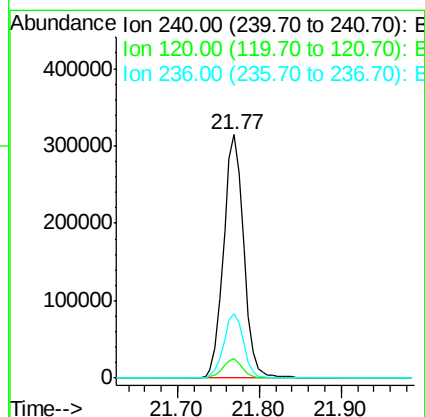
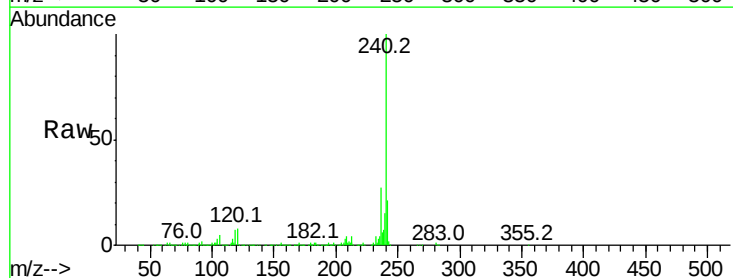
Instrument :
BNA_G
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111617-TIDO-F-U-S

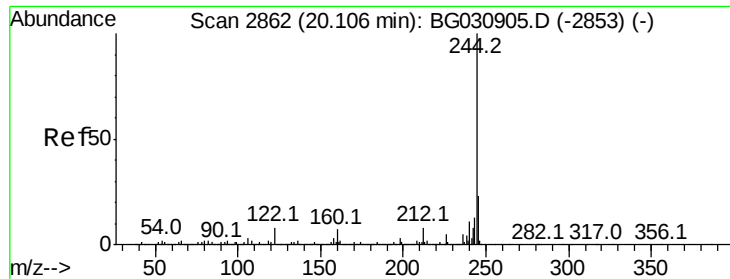
Tot Ion:188 Resp: 450970
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031184.D
Acq: 22 Nov 2017 11:37

Tgt Ion:240 Resp: 539994
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 83.224 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031184.D

Acq: 22 Nov 2017 11:37

Instrument :

BNA_G

ClientSampleId :

111617-TIDO-F-U-S

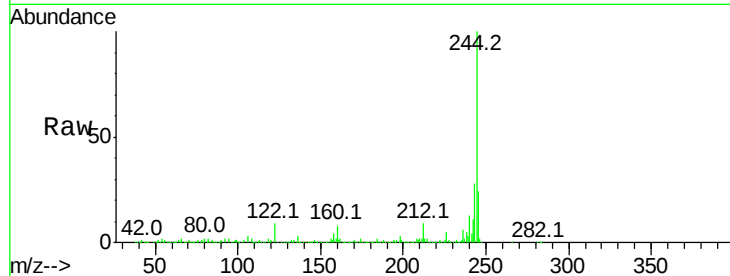
Tot Ion:244 Resp: 2035276

Ion Ratio Lower Upper

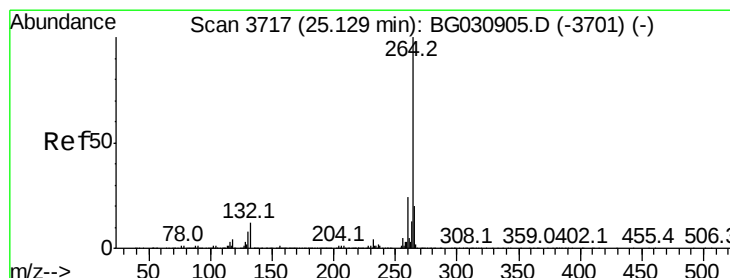
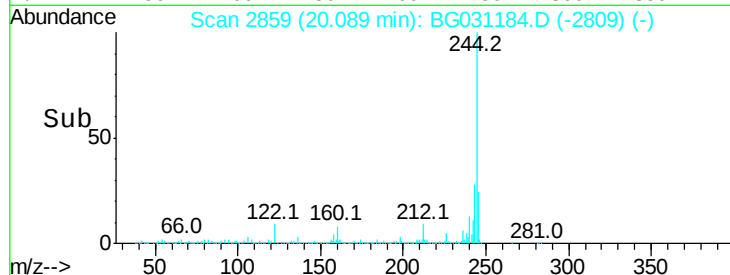
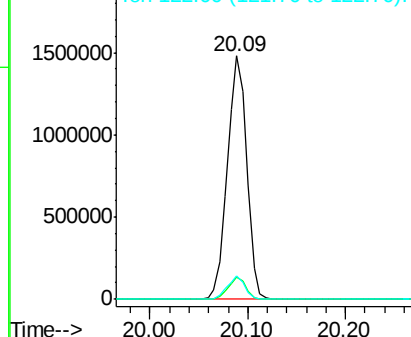
244 100

212 9.1 5.8 8.8#

122 9.4 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: 25.07 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031184.D

Acq: 22 Nov 2017 11:37

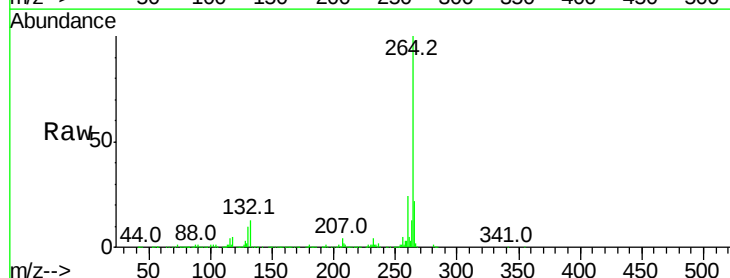
Tgt Ion:264 Resp: 517164

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.7 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

