

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031310.D
 Acq On : 1 Dec 2017 5:13
 Operator : SJ/JU
 Sample : I6635-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Dec 01 07:28:41 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	65999	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	270685	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	179373	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	476979	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	560494	20.00	ng	-0.02
86) Perylene-d12	25.07	264	541753	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	161107	41.86	ng	-0.02
7) Phenol-d6	7.30	99	127929	24.67	ng	0.00
23) Nitrobenzene-d5	9.30	82	382783	83.80	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	219617	75.69	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	1124213	90.06	ng	-0.03
78) Terphenyl-d14	20.08	244	1934087	76.19	ng	-0.02

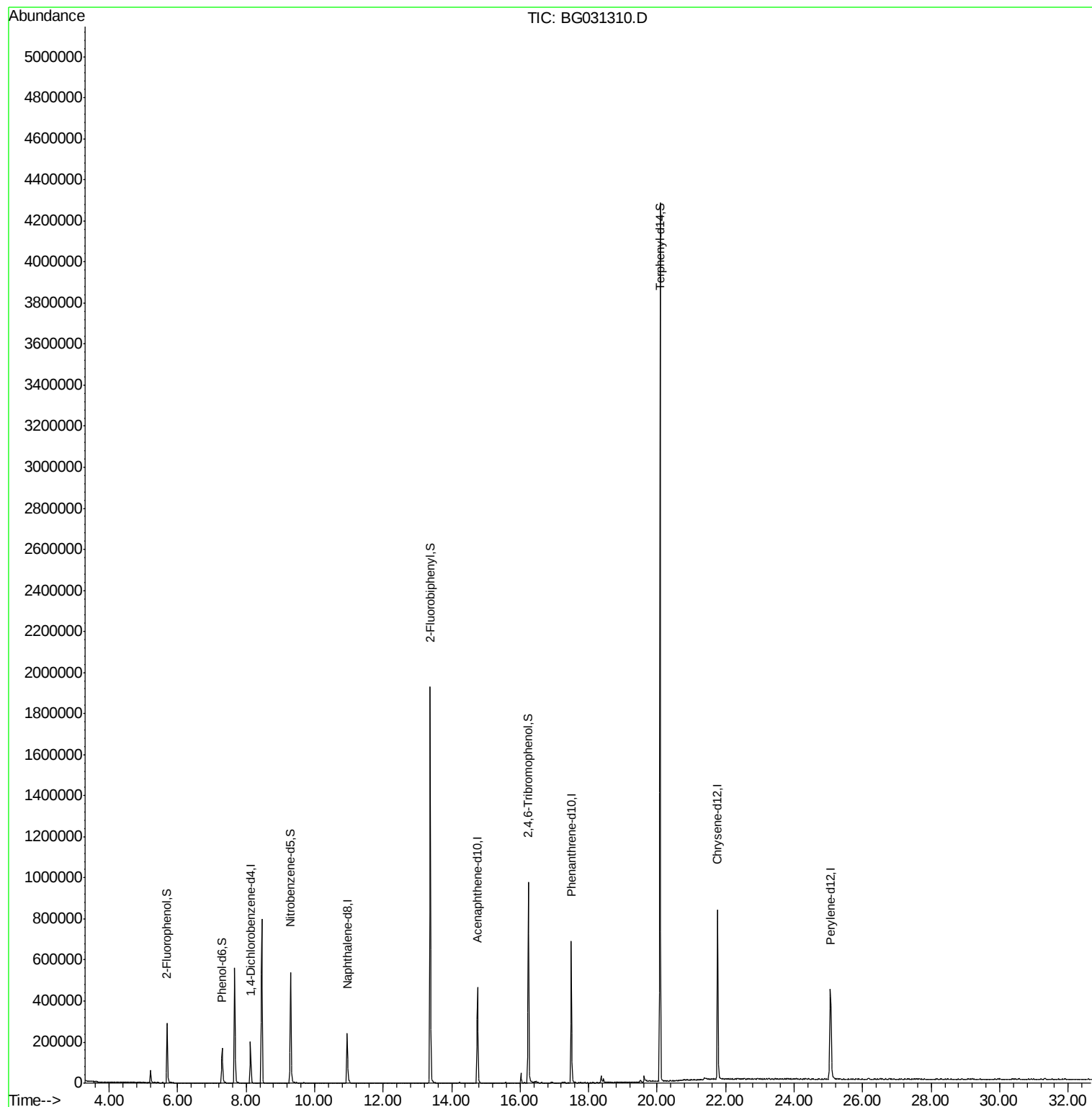
Target Compounds Qvalue

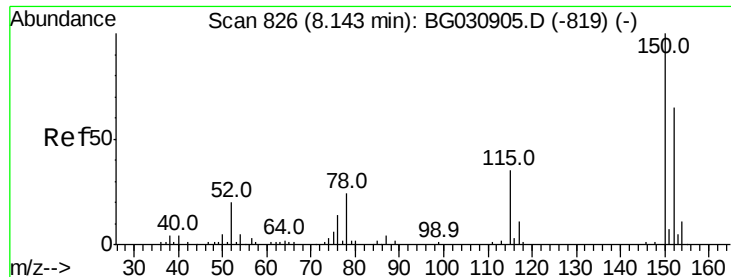
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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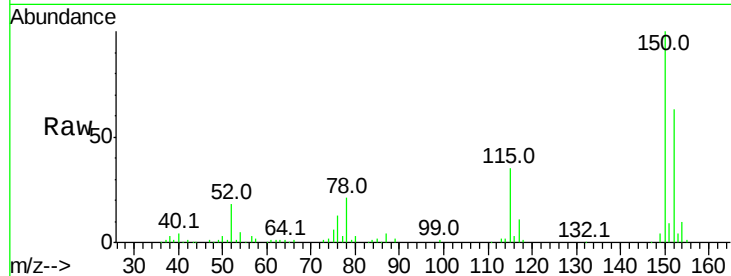


#1

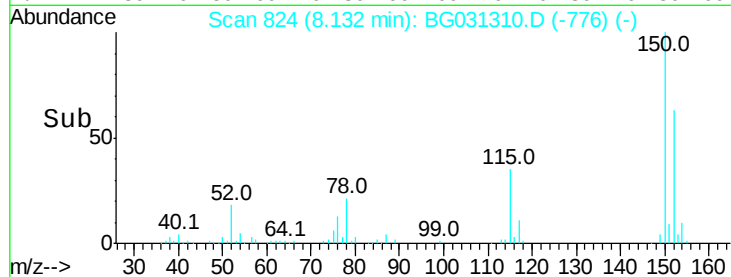
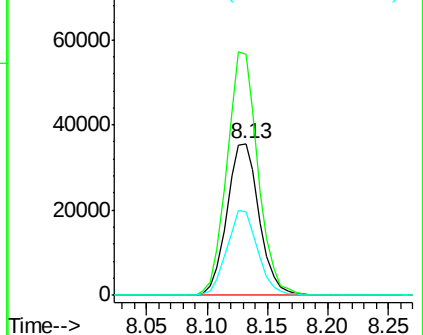
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031310.D
Acq: 1 Dec 2017 5:13

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	55.2	53.0	79.4



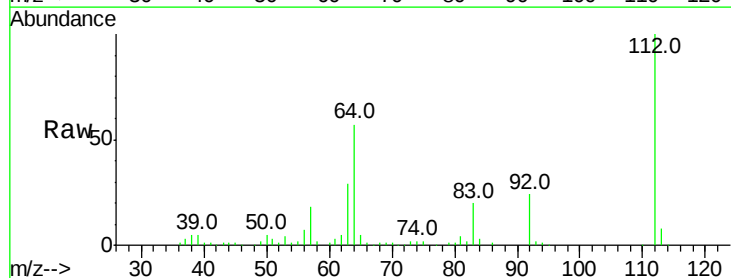
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



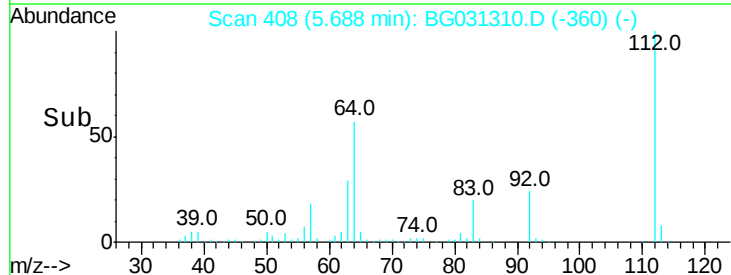
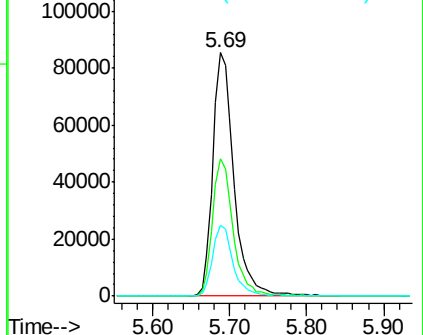
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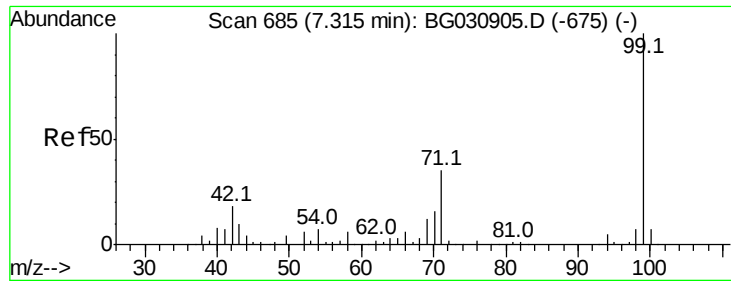
2-Fluorophenol
Concen: 41.858 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031310.D
Acq: 1 Dec 2017 5:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	56.3	84.5
63	28.9	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: 24.672 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031310.D

Acq: 1 Dec 2017 5:13

Instrument :

BNA_G

ClientSampleId :

112817-TIDO-E-U-S

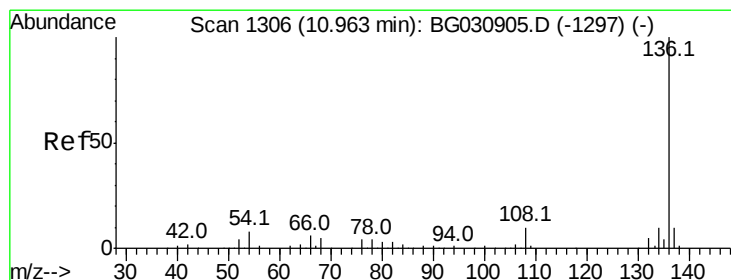
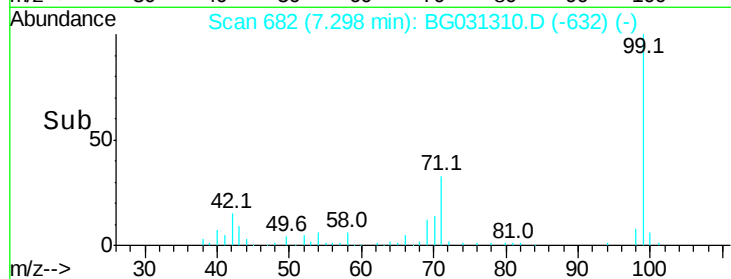
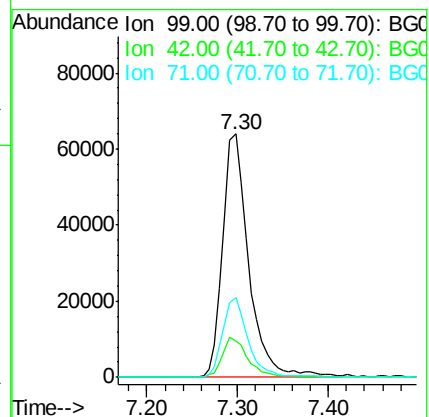
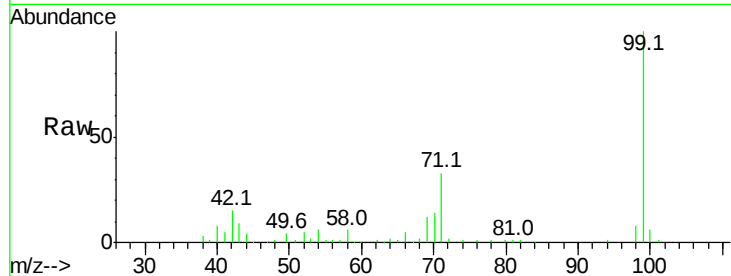
Tot Ion: 99 Resp: 127929

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 32.8 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031310.D

Acq: 1 Dec 2017 5:13

Tgt Ion: 136 Resp: 270685

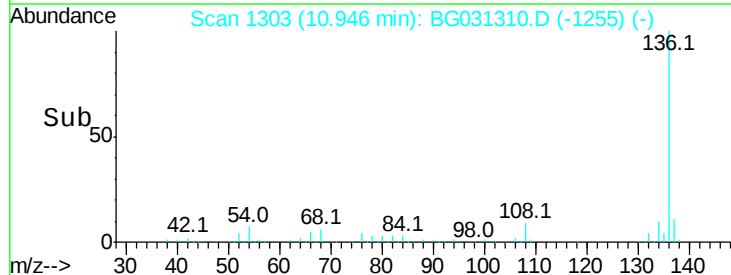
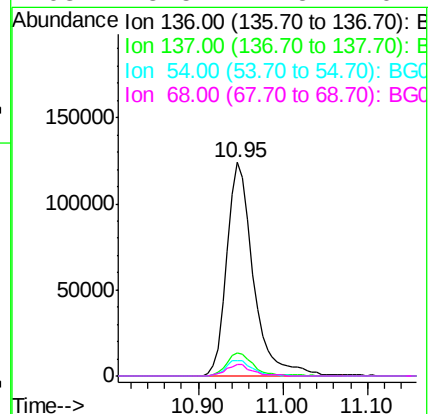
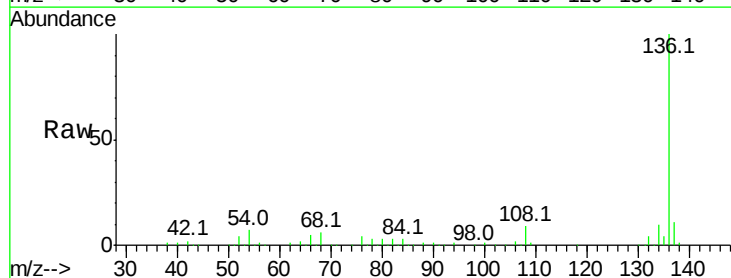
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 7.5 10.3 15.5#

68 5.5 4.5 6.7

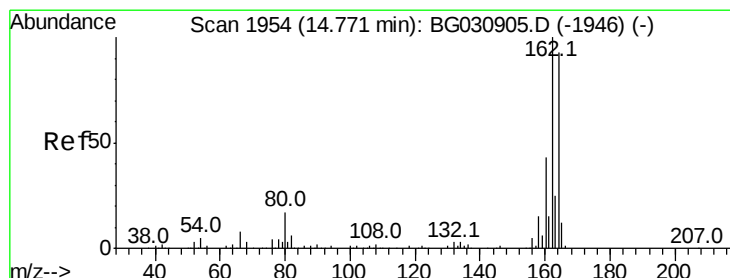
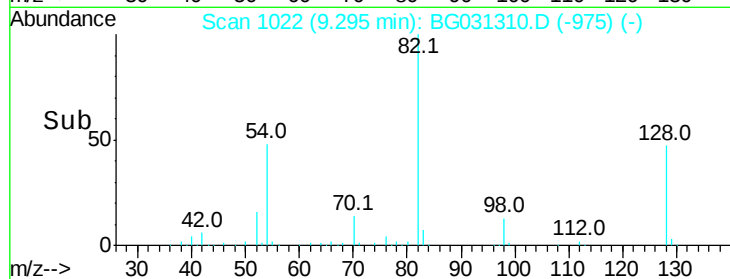
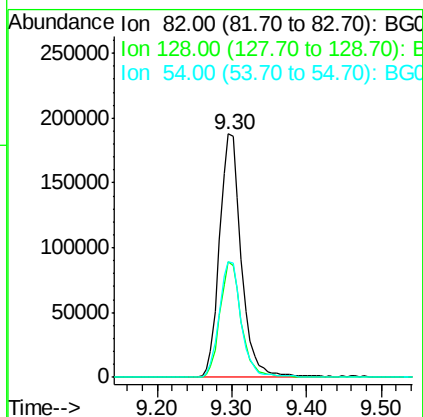
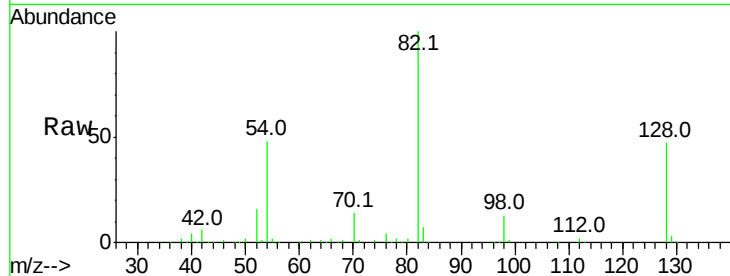




#23
Nitrobenzene-d5
Concen: 83.796 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031310.D
Acq: 1 Dec 2017 5:13

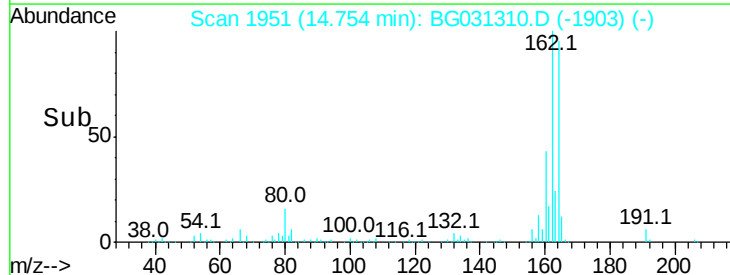
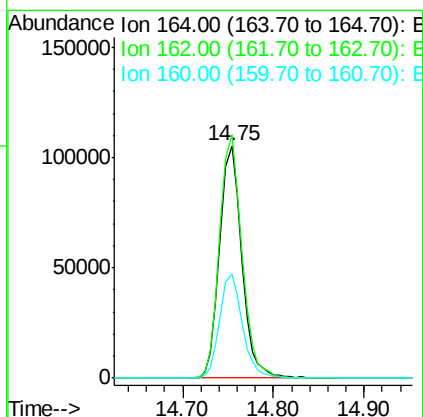
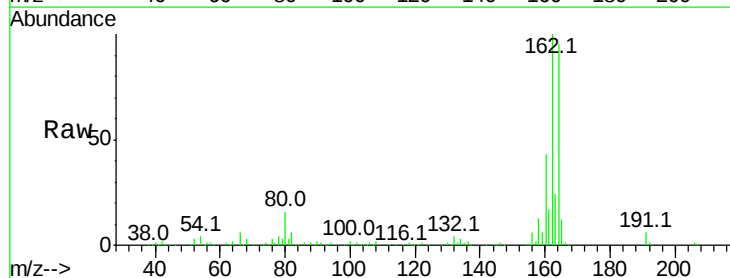
Instrument :
BNA_G
ClientSampleId :
112817-TIDO-E-U-S

Tot Ion: 82 Resp: 382783
Ion Ratio Lower Upper
82 100
128 47.4 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: BG031310.D
Acq: 1 Dec 2017 5:13

Tgt Ion:164 Resp: 179373
Ion Ratio Lower Upper
164 100
162 104.9 78.8 118.2
160 44.8 35.4 53.0

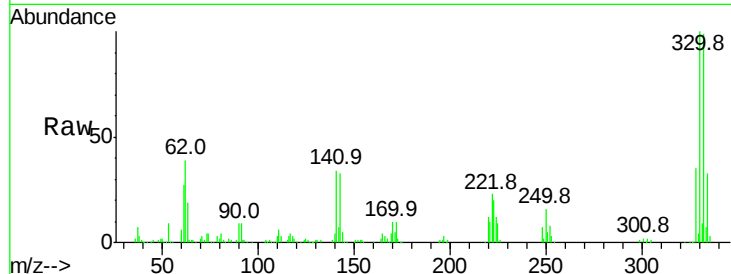




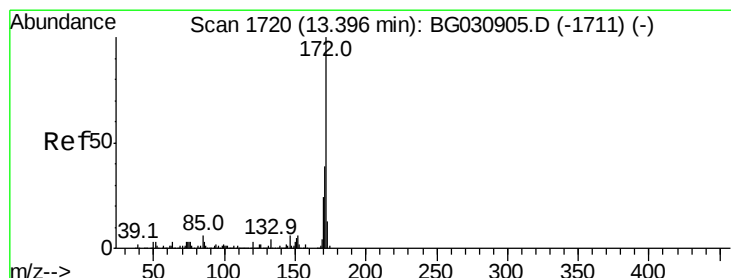
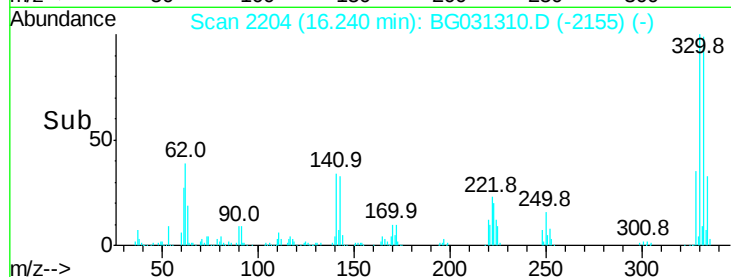
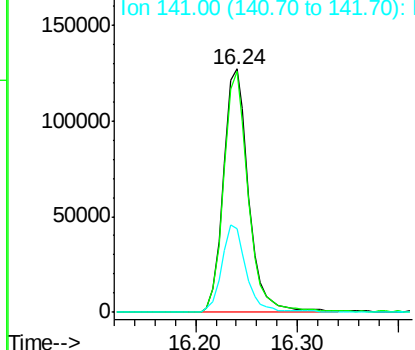
#41
 2,4,6-Tribromophenol
 Concen: 75.686 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031310.D
 Acq: 1 Dec 2017 5:13

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.4	25.2	37.8

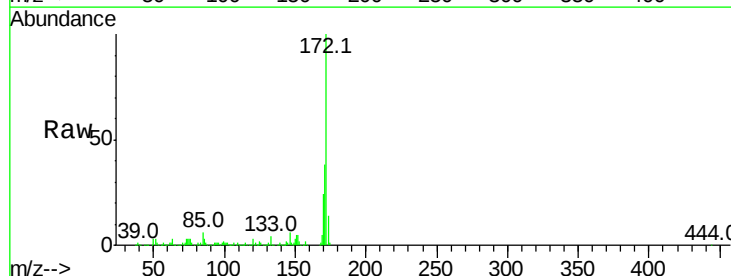


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

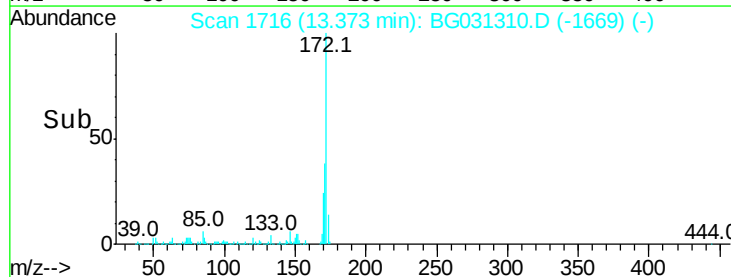
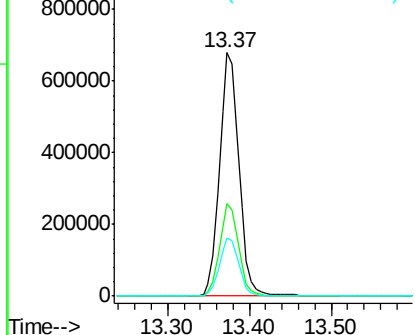


#44
 2-Fluorobiphenyl
 Concen: 90.056 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031310.D
 Acq: 1 Dec 2017 5:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.1	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

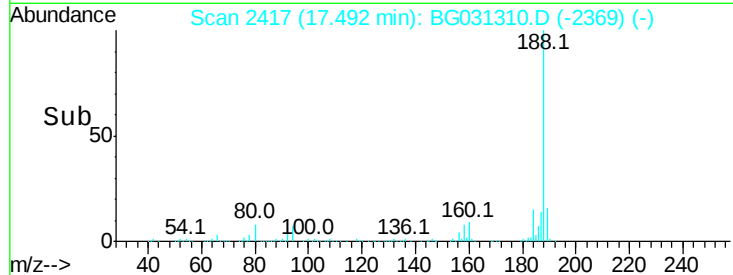
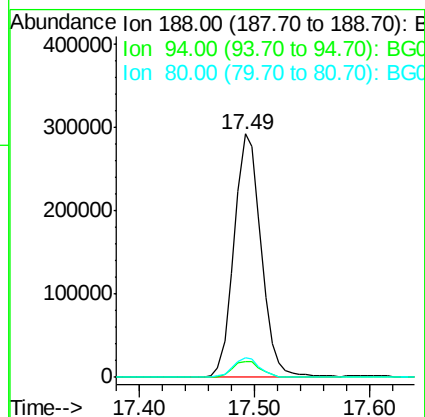
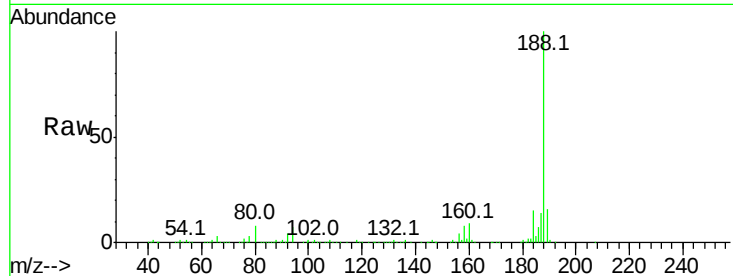




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031310.D
Acq: 1 Dec 2017 5:13

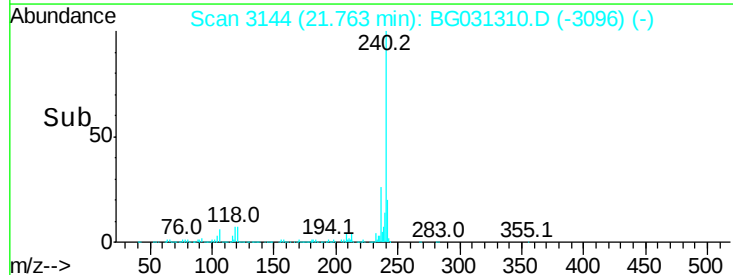
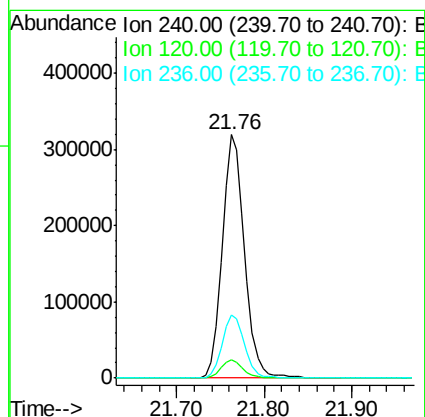
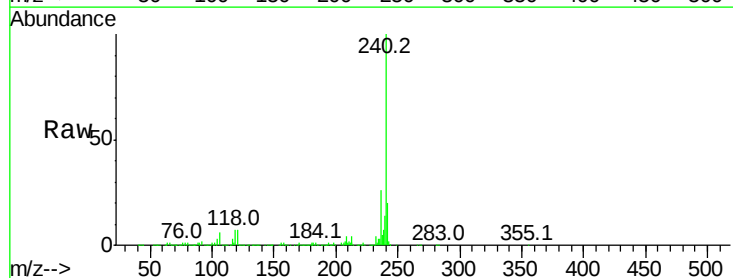
Instrument :
BNA_G
ClientSampleId :
112817-TIDO-E-U-S

Tot Ion:188 Resp: 476979
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031310.D
Acq: 1 Dec 2017 5:13

Tgt Ion:240 Resp: 560494
Ion Ratio Lower Upper
240 100
120 7.3 6.8 10.2
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 76.194 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031310.D

Acq: 1 Dec 2017 5:13

Instrument :

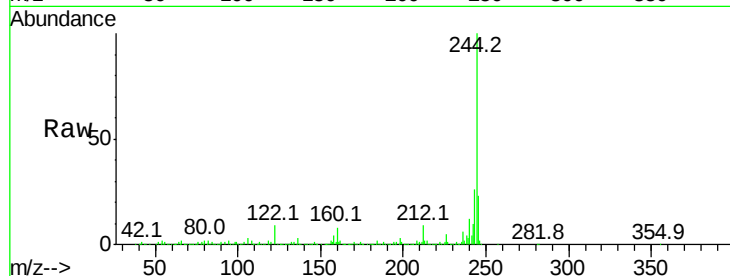
BNA_G

ClientSampleId :

112817-TIDO-E-U-S

Tot Ion:244 Resp: 1934087

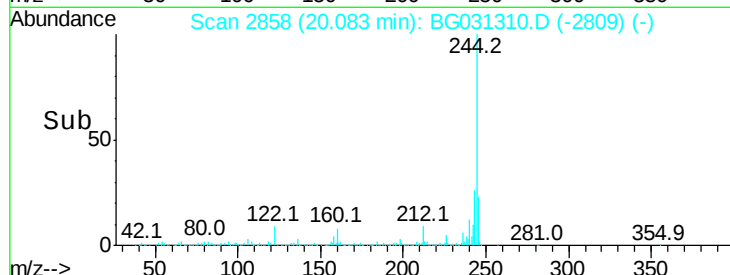
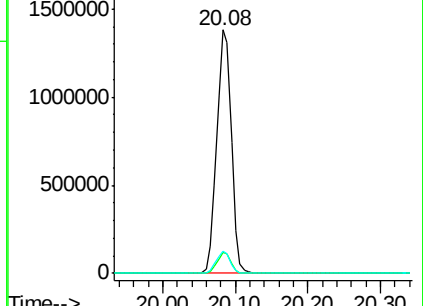
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.3	7.0	10.4



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

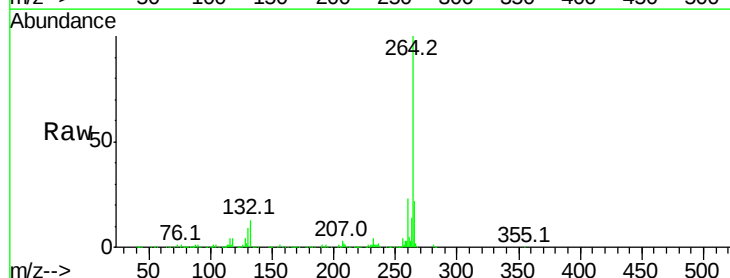
Delta R.T. -0.03 min

Lab File: BG031310.D

Acq: 1 Dec 2017 5:13

Tgt Ion:264 Resp: 541753

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	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

