

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031801.D
 Acq On : 27 Dec 2017 17:59
 Operator : SJ/JU
 Sample : I7058-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 122117-TIDO-F-D-S

Quant Time: Dec 28 07:40:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	43887	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	180539	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	130424	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	352962	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	433975	20.00	ng	-0.06
86) Perylene-d12	26.26	264	462794	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	82592	34.28	ng	-0.02
7) Phenol-d6	7.90	99	65803	21.03	ng	-0.03
23) Nitrobenzene-d5	10.00	82	199506	83.45	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	174565	87.72	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	779797	75.04	ng	-0.04
78) Terphenyl-d14	20.70	244	1411857	74.33	ng	-0.04

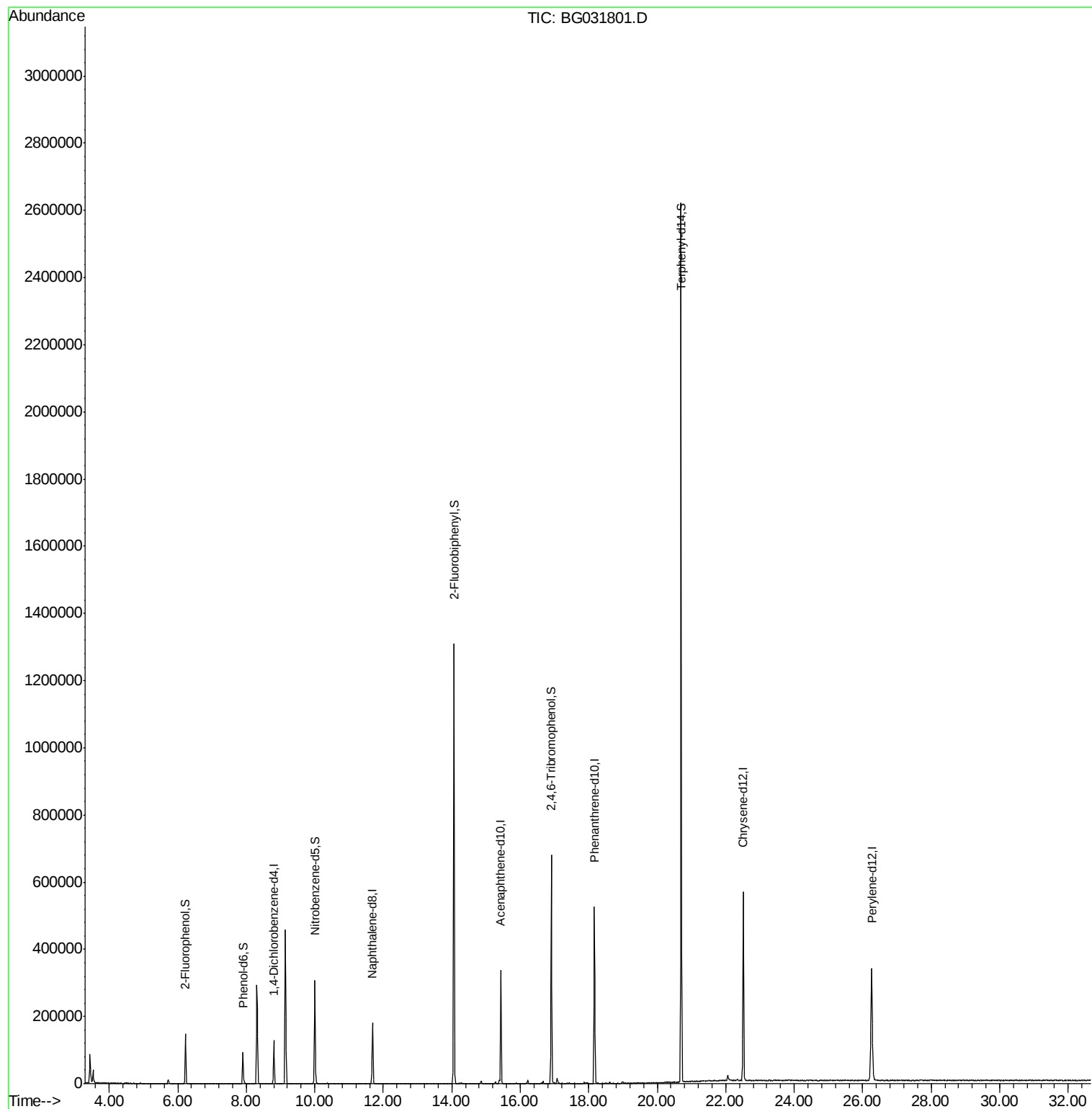
Target Compounds Qvalue

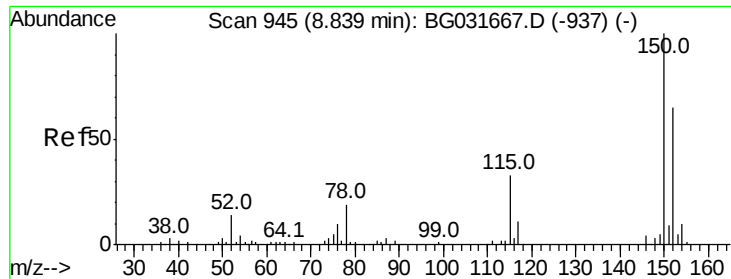
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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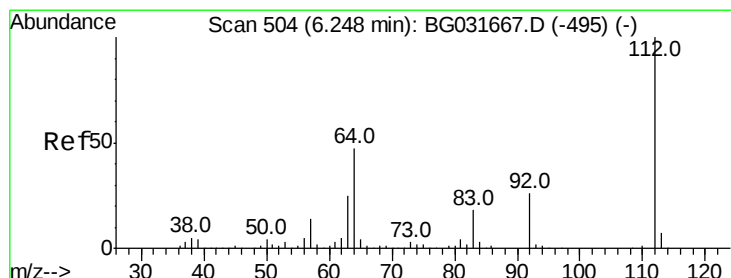
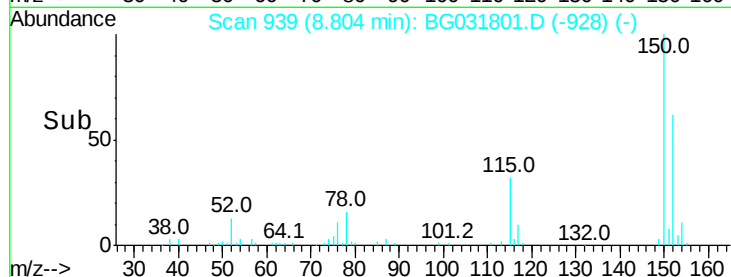
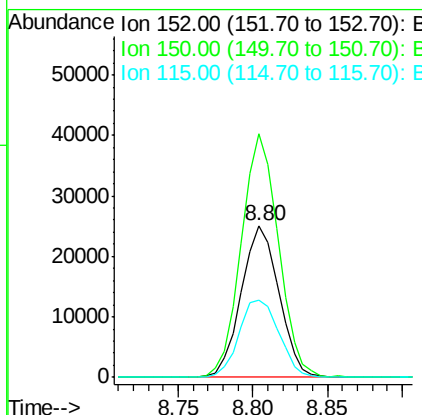
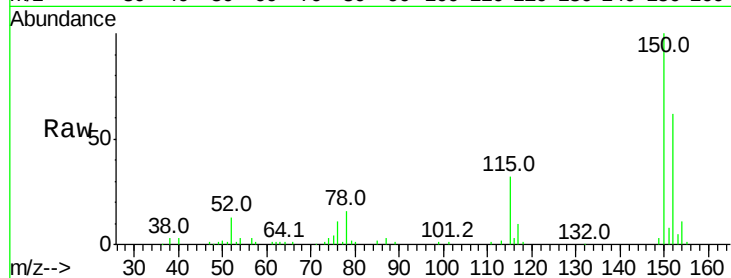


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.80 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BG031801.D
 Acq: 27 Dec 2017 17:59

Instrument :
 BNA_G
 ClientSampleId :
 122117-TIDO-F-D-S

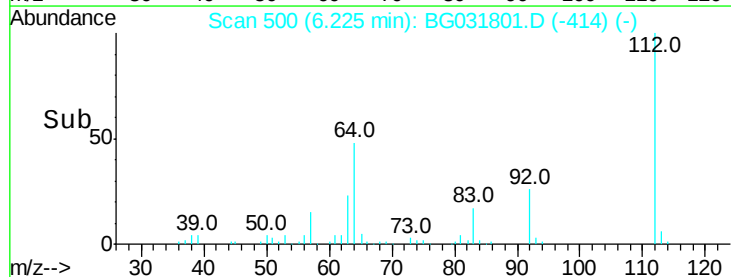
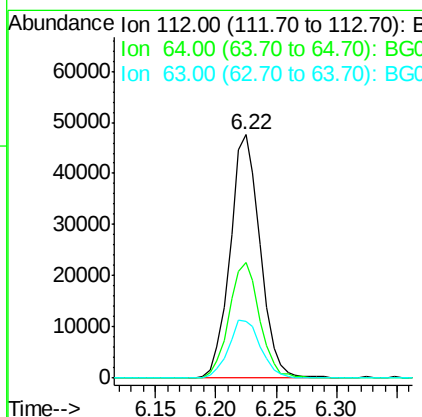
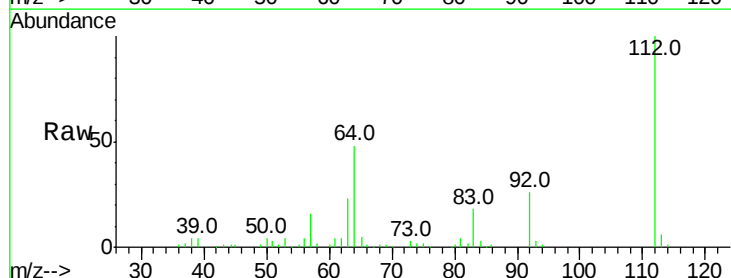
Tot Ion:152 Resp: 43887
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.6 189.8
 115 50.7 53.0 79.4#

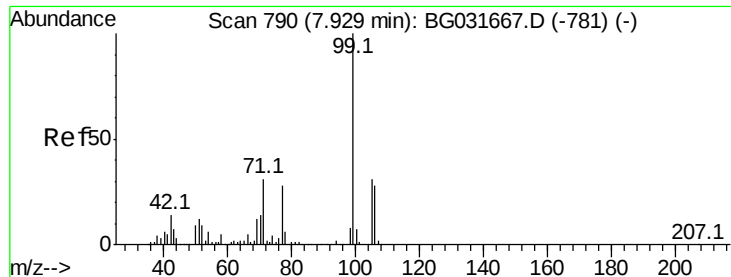


#5

2-Fluorophenol
 Concen: 34.277 ng
 RT: 6.22 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031801.D
 Acq: 27 Dec 2017 17:59

Tgt Ion:112 Resp: 82592
 Ion Ratio Lower Upper
 112 100
 64 47.6 56.3 84.5#
 63 23.4 30.1 45.1#





#7

Phenol-d6

Concen: 21.034 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031801.D

Acq: 27 Dec 2017 17:59

Instrument :

BNA_G

ClientSampleId :

122117-TIDO-F-D-S

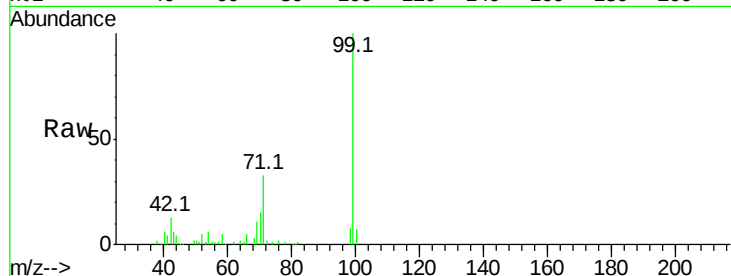
Tot Ion: 99 Resp: 65803

Ion Ratio Lower Upper

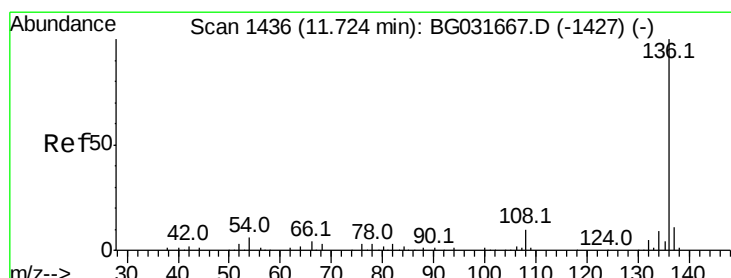
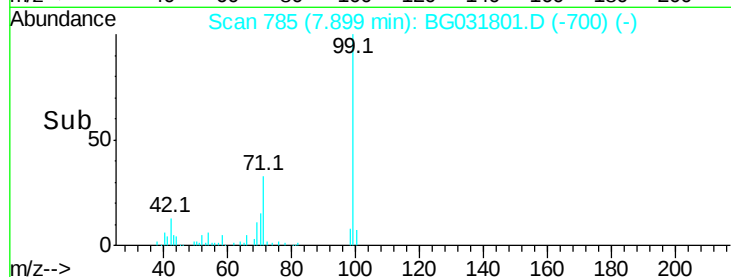
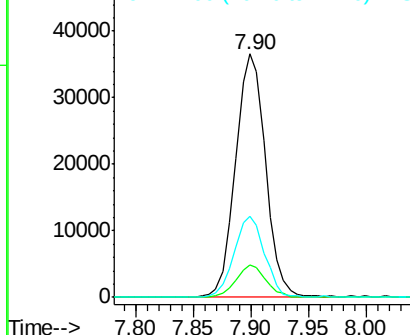
99 100

42 13.2 14.1 21.1#

71 33.3 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: 11.69 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BG031801.D

Acq: 27 Dec 2017 17:59

Tgt Ion: 136 Resp: 180539

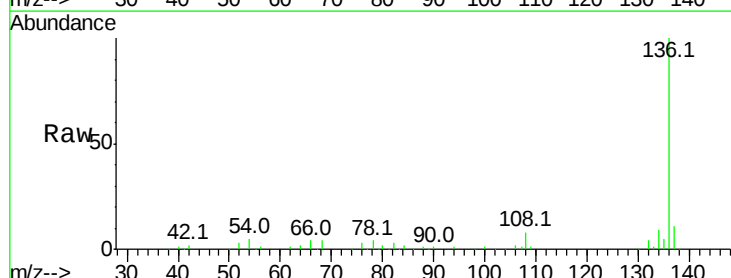
Ion Ratio Lower Upper

136 100

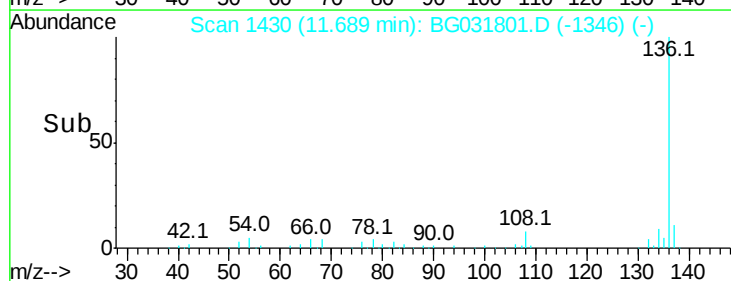
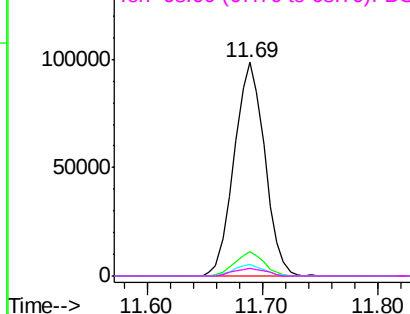
137 11.1 9.2 13.8

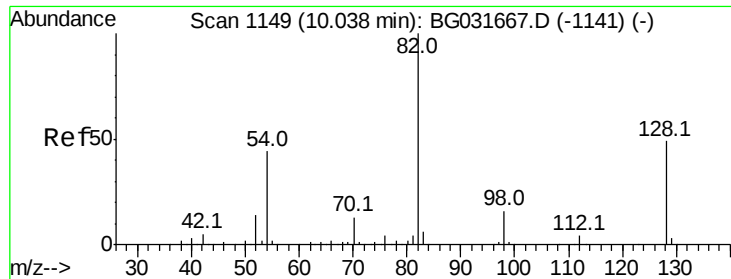
54 5.3 10.3 15.5#

68 3.8 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

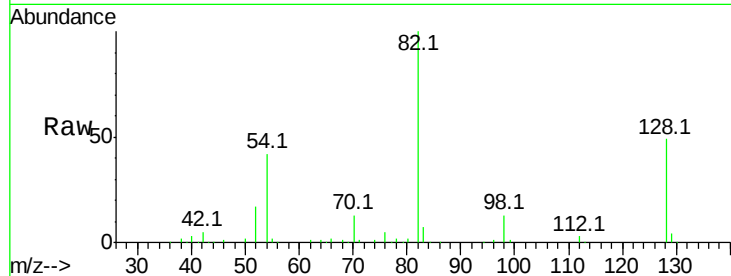




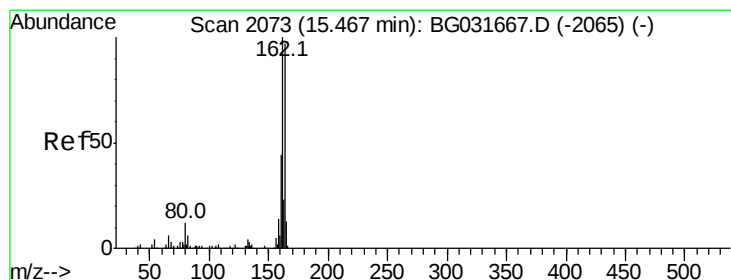
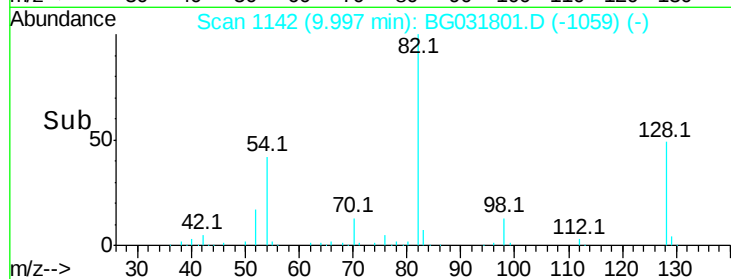
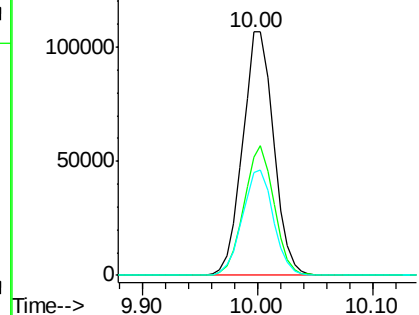
#23
 Nitrobenzene-d5
 Concen: 83.445 ng
 RT: 10.00 min Scan# 1142
 Delta R.T. -0.04 min
 Lab File: BG031801.D
 Acq: 27 Dec 2017 17:59

Instrument :
 BNA_G
 ClientSampleId :
 122117-TIDO-F-D-S

Tot Ion	82	Resp	199506
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
128	48.5		
54	42.1		
	43.1		
	64.7		

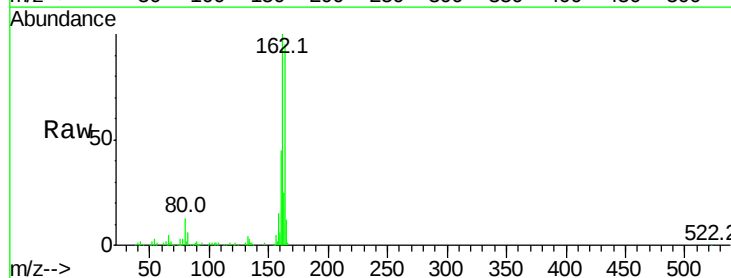


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

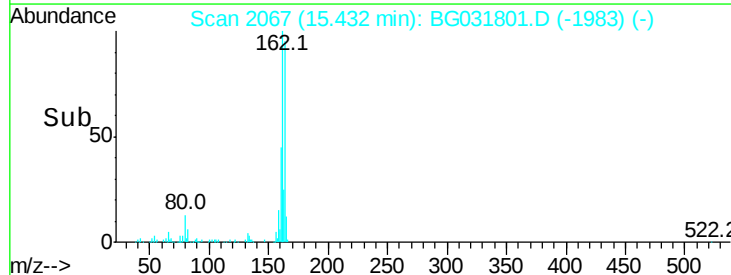
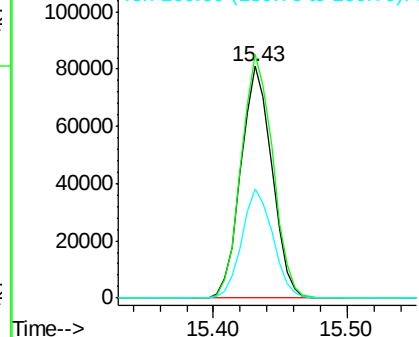


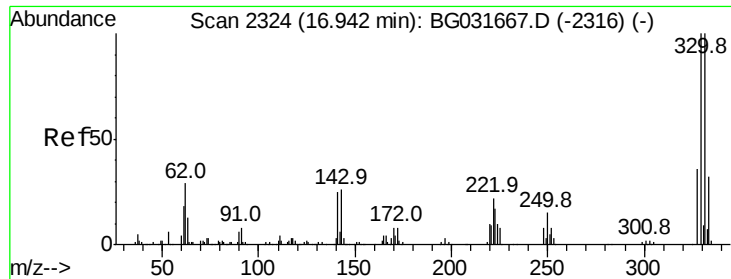
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.04 min
 Lab File: BG031801.D
 Acq: 27 Dec 2017 17:59

Tgt Ion	164	Resp	130424
Ion Ratio	100		
Lower	78.8		
Upper	118.2		
162	105.1		
160	47.0		
	35.4		
	53.0		



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

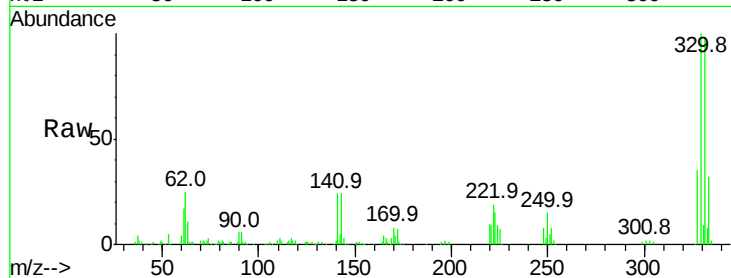




#41
 2,4,6-Tribromophenol
 Concen: 87.717 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.04 min
 Lab File: BG031801.D
 Acq: 27 Dec 2017 17:59

Instrument :
 BNA_G
 ClientSampleId :
 122117-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	25.3	25.2	37.8

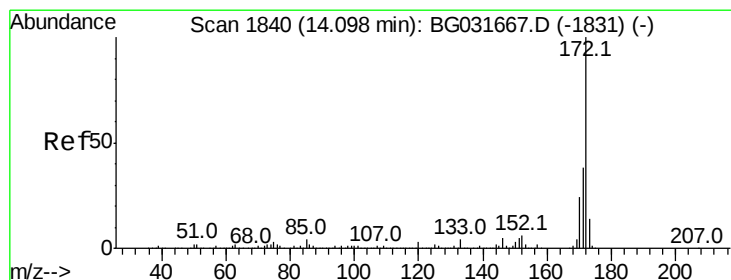
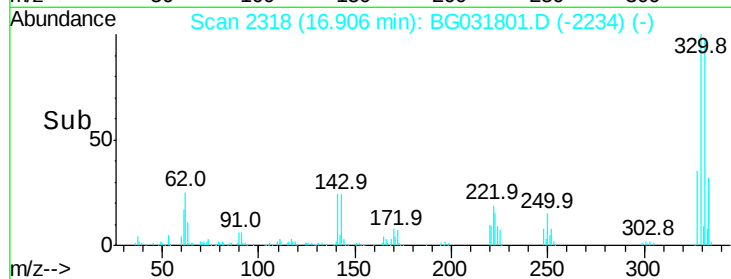
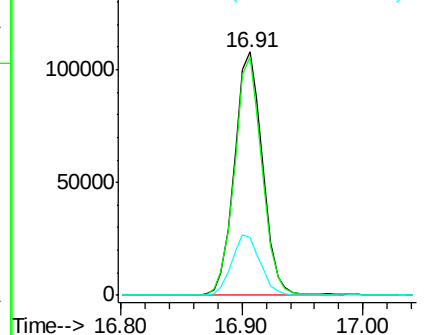


Abundance

Ion 329.80 (329.50 to 330.50): E

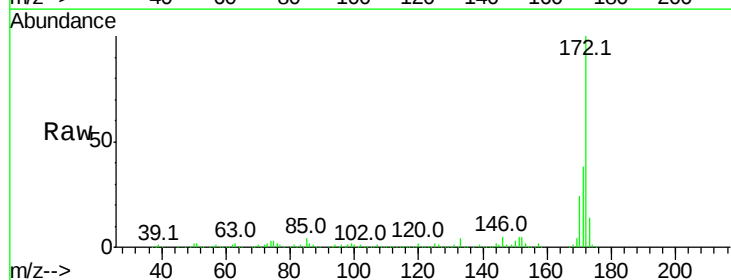
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.044 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: BG031801.D
 Acq: 27 Dec 2017 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.8	19.5	29.3

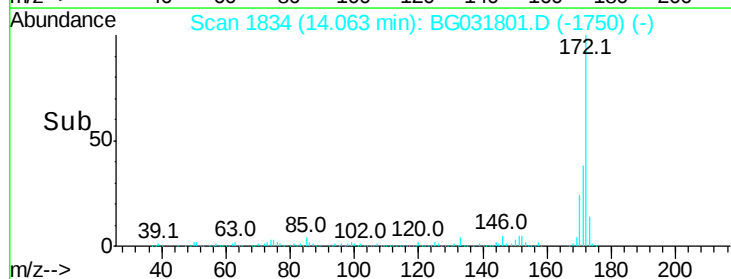
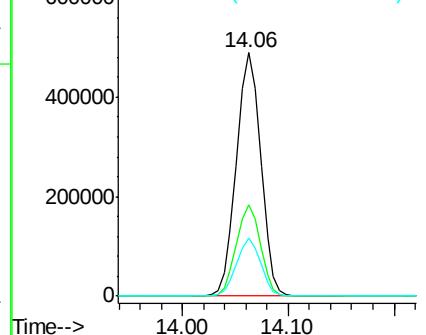


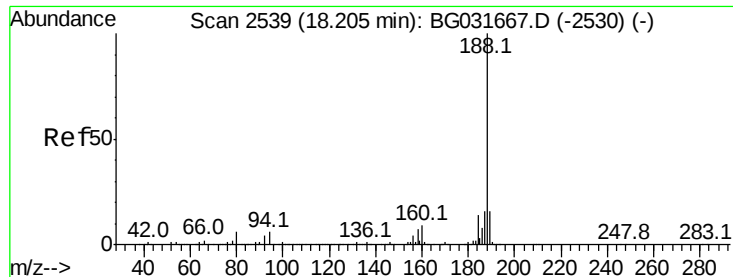
Abundance

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

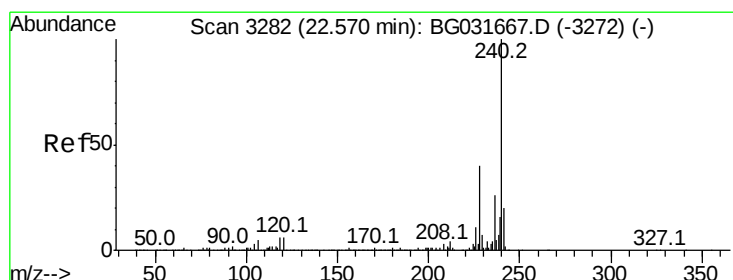
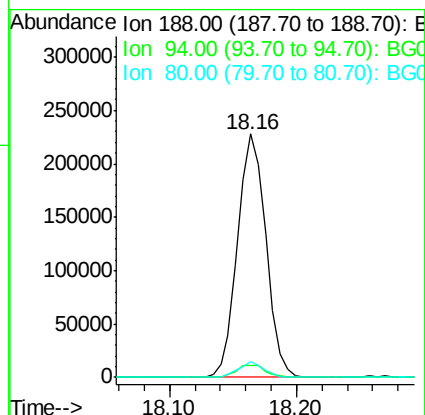
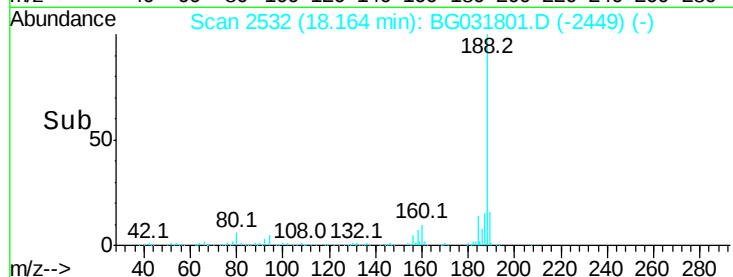
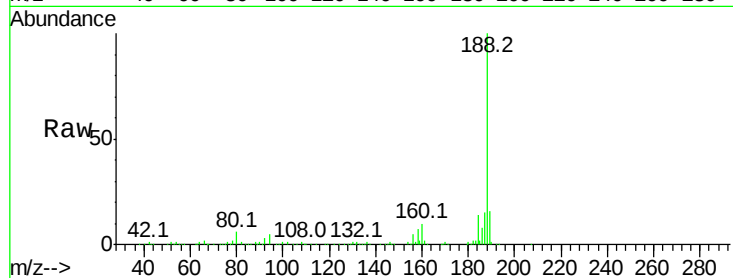




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031801.D
Acq: 27 Dec 2017 17:59

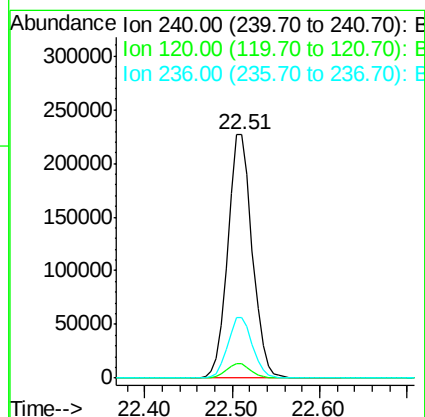
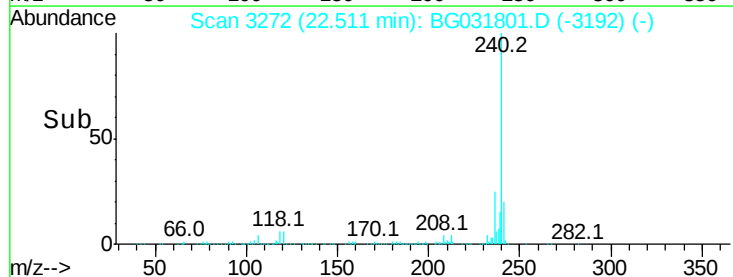
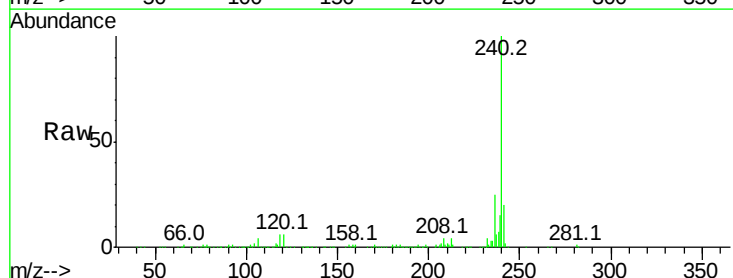
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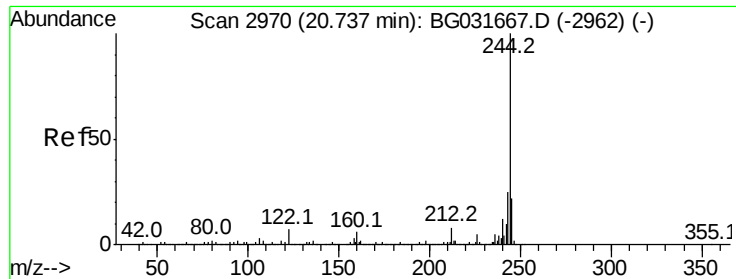
Tot Ion:188 Resp: 352962
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 6.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031801.D
Acq: 27 Dec 2017 17:59

Tgt Ion:240 Resp: 433975
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 74.327 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031801.D

Acq: 27 Dec 2017 17:59

Instrument :

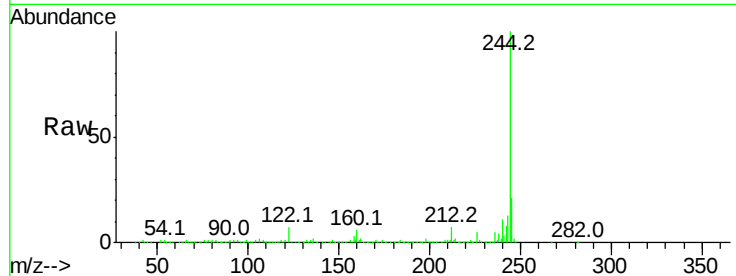
BNA_G

ClientSampleId :

122117-TIDO-F-D-S

Tot Ion:244 Resp: 1411857

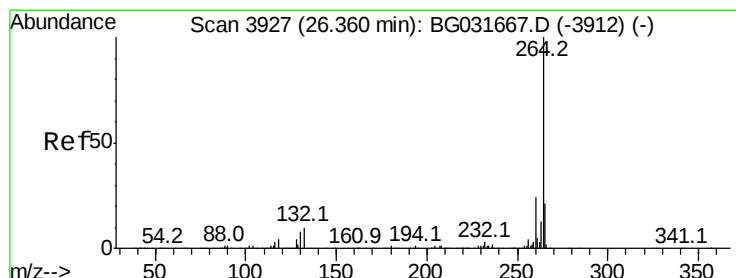
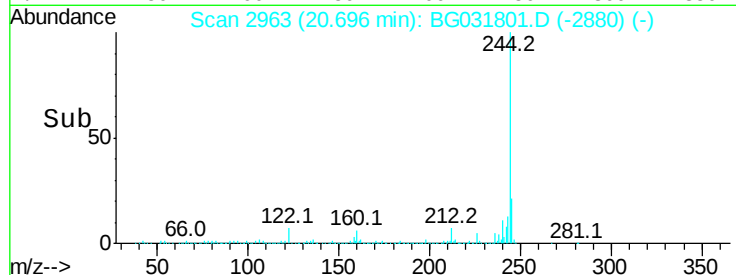
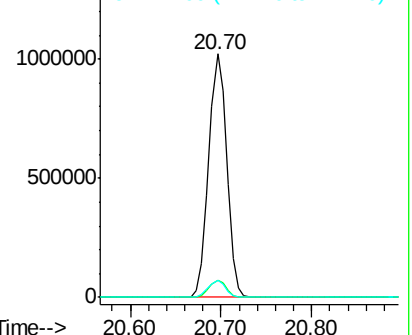
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	7.1	7.0	10.4



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: 26.26 min Scan# 3910

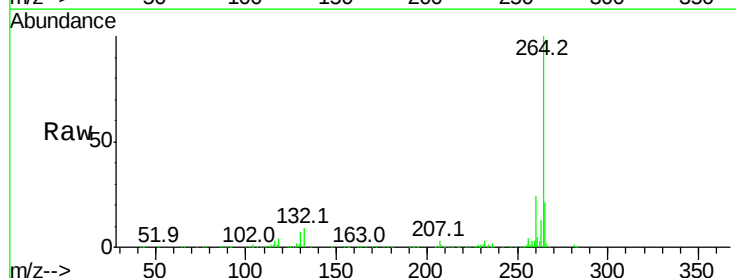
Delta R.T. -0.10 min

Lab File: BG031801.D

Acq: 27 Dec 2017 17:59

Tgt Ion:264 Resp: 462794

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.6	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

