

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 :

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

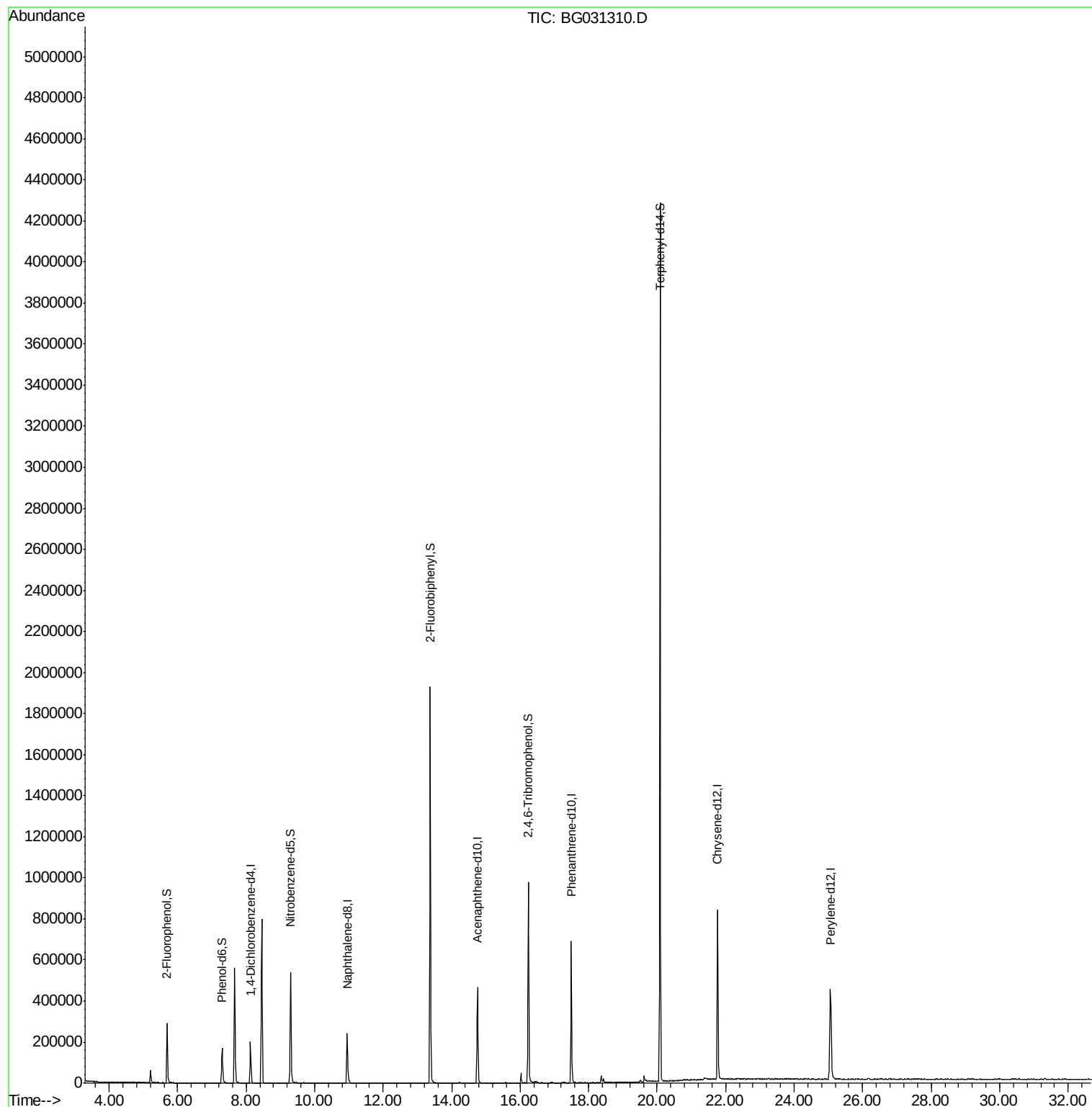
Target Compounds Qvalue

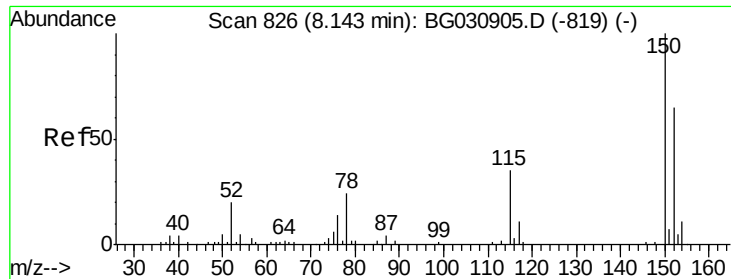
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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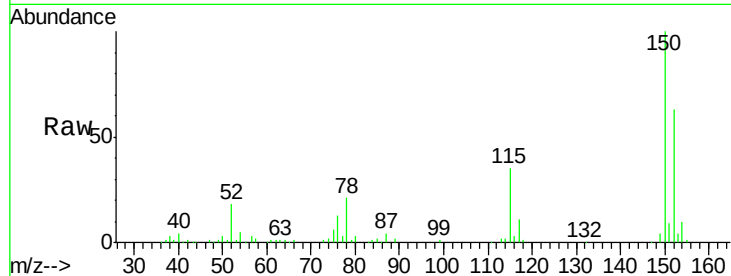


#1

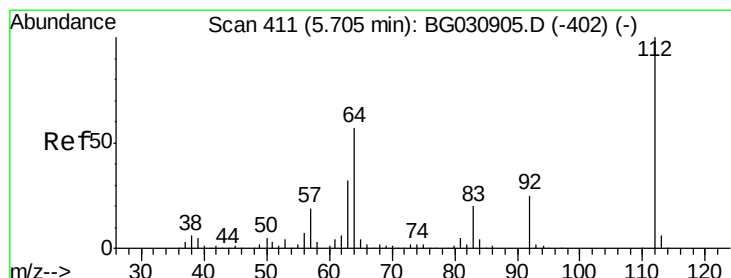
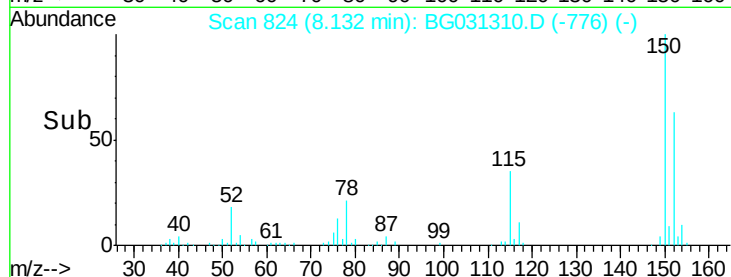
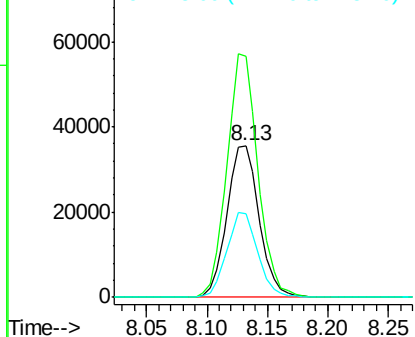
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031310.D
Acq: 1 Dec 2017 5:13

Instrument :
BNA_G
ClientSampleId :

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



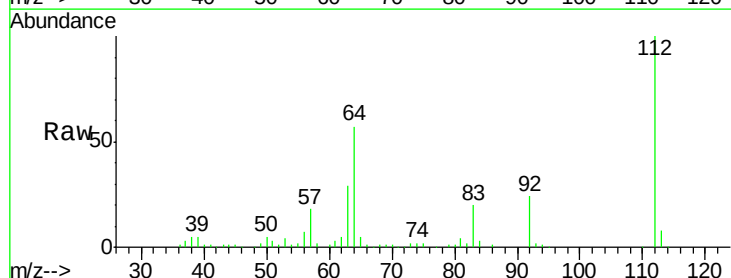
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



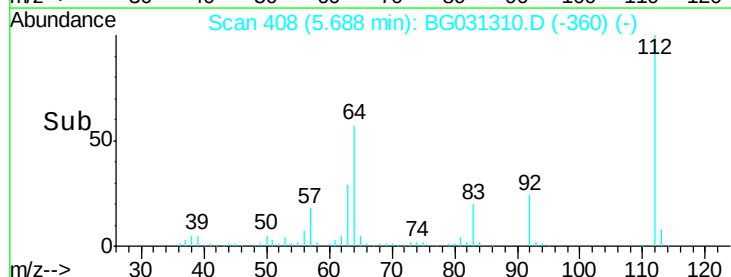
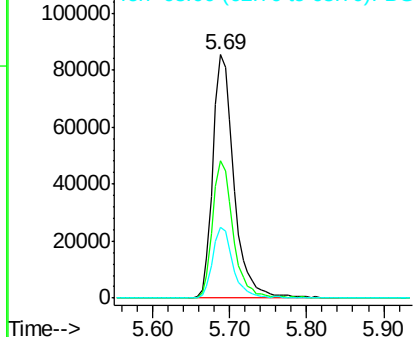
#5

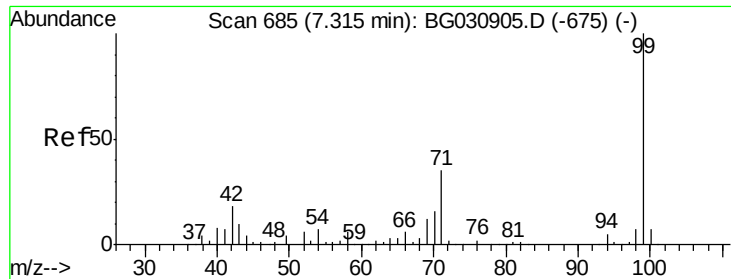
2-Fluorophenol
Concen: 41.86 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031310.D
Acq: 1 Dec 2017 5:13

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: 24.67 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 :

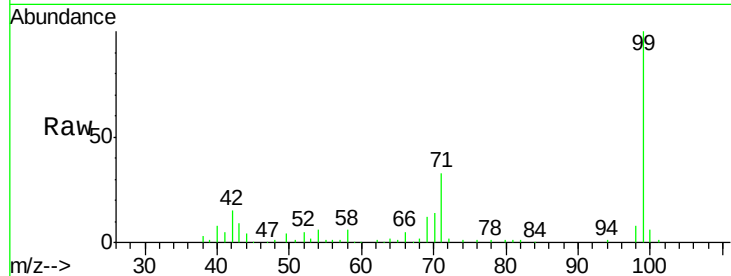
Tot Ion: 99 Resp: 127929

Ion Ratio Lower Upper

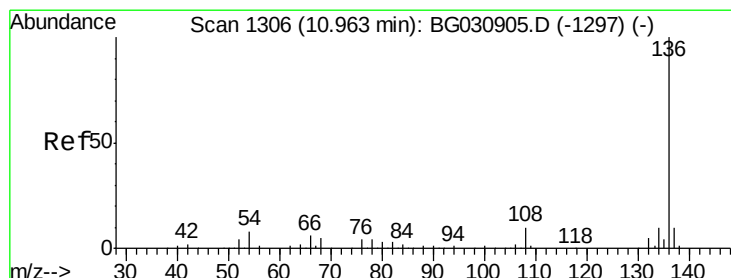
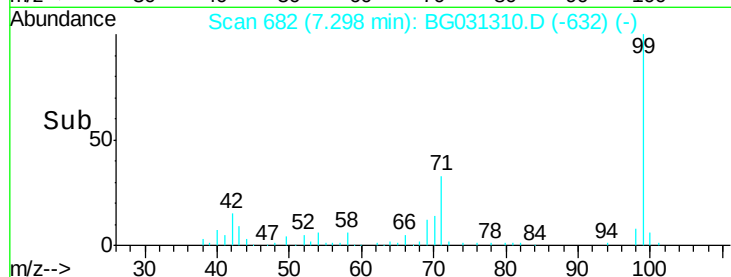
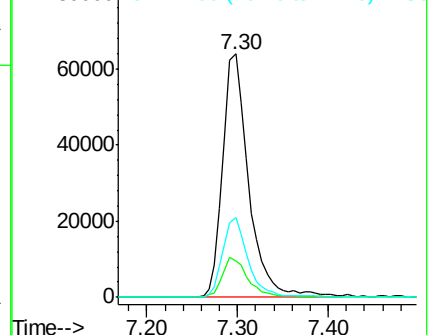
99 100

42 15.0 14.1 21.1

71 32.8 26.1 39.1



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: 20.00 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

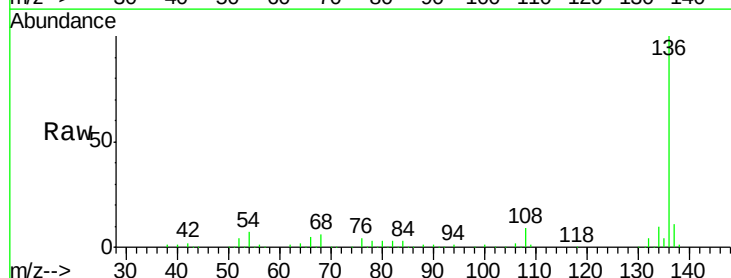
Ion Ratio Lower Upper

136 100

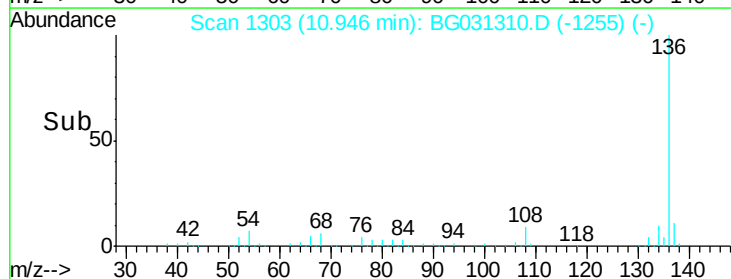
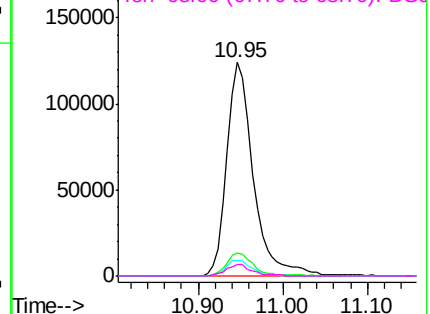
137 10.5 9.2 13.8

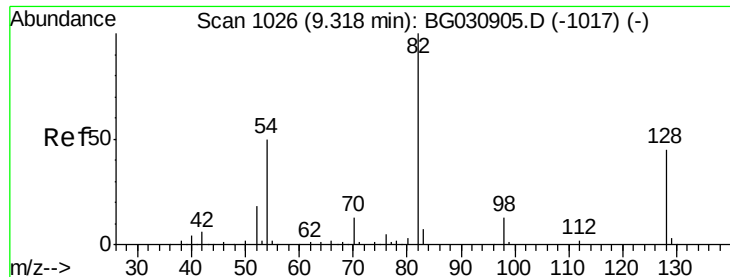
54 7.5 10.3 15.5#

68 5.5 4.5 6.7



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

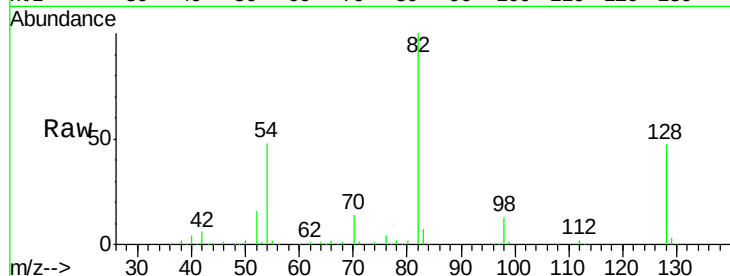




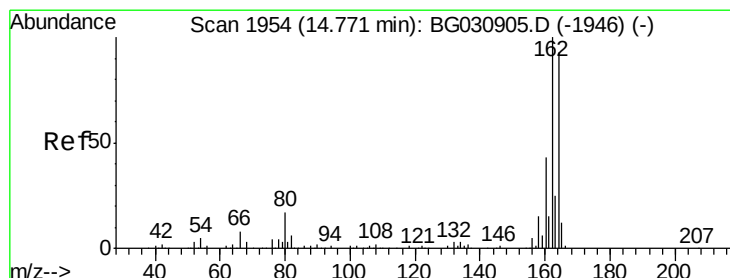
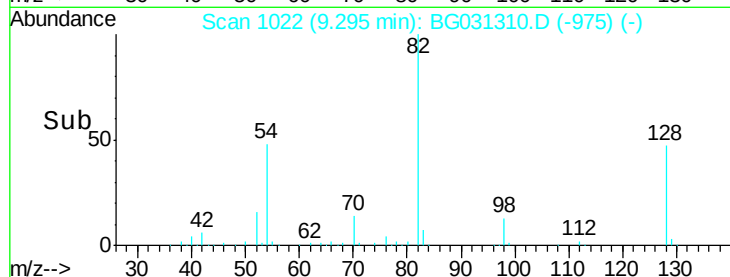
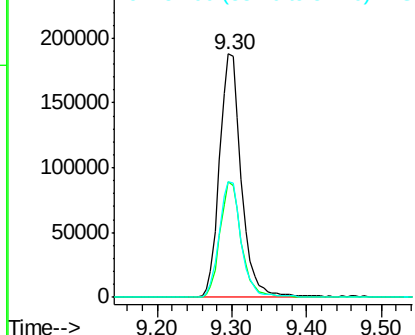
#23
 Nitrobenzene-d5
 Concen: 83.80 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031310.D
 Acq: 1 Dec 2017 5:13

Instrument :
 BNA_G
 ClientSampleId :

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

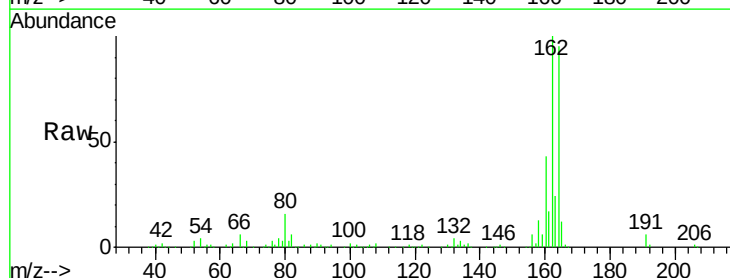


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

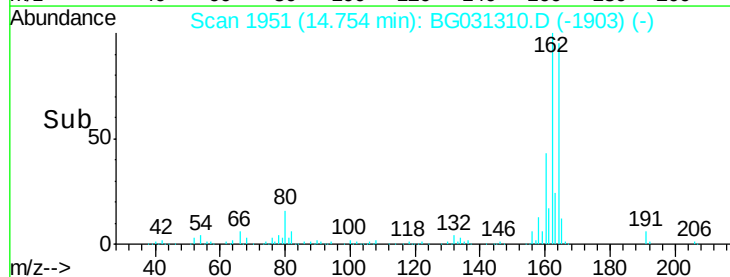
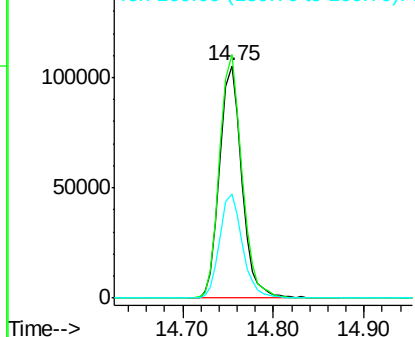


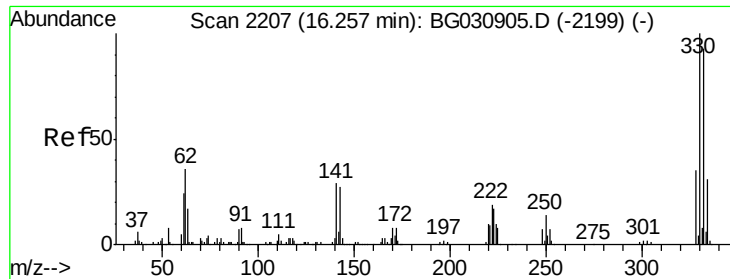
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031310.D
 Acq: 1 Dec 2017 5:13

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



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

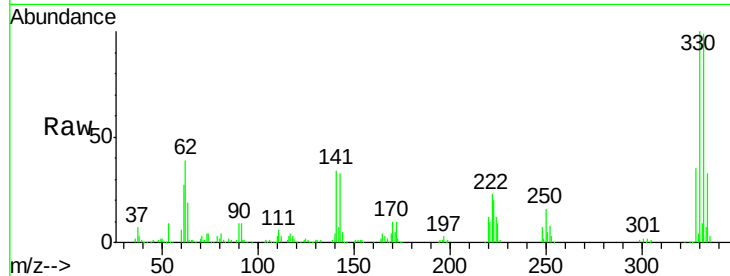




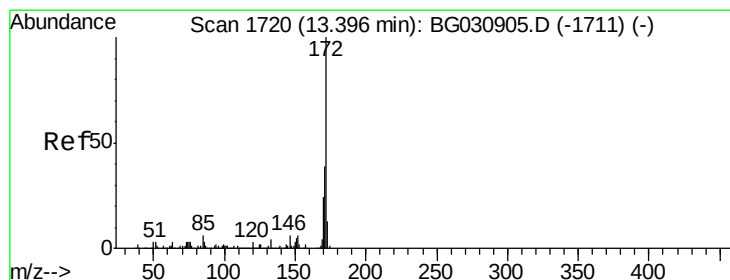
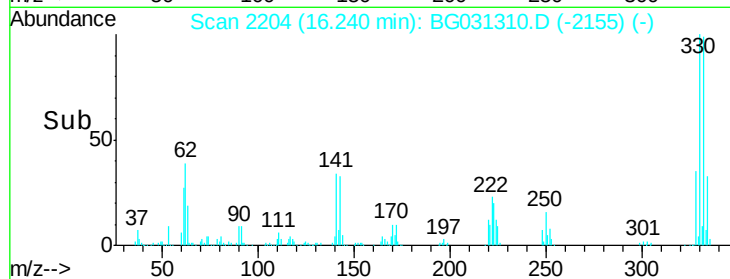
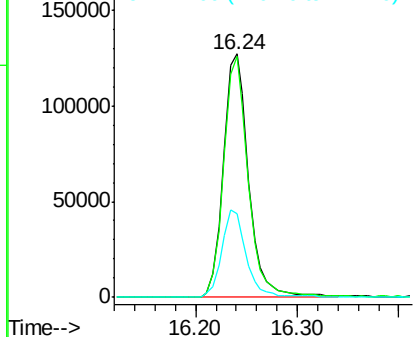
#41
 2,4,6-Tribromophenol
 Concen: 75.69 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031310.D
 Acq: 1 Dec 2017 5:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 219617
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 34.4 25.2 37.8

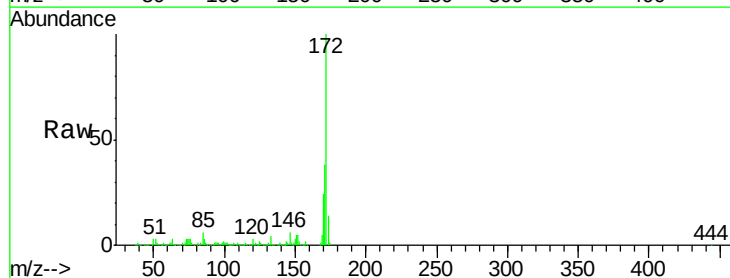


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

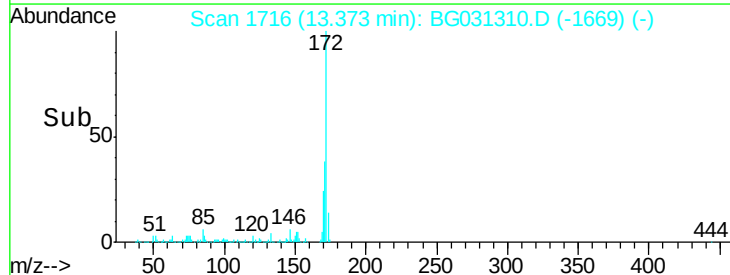
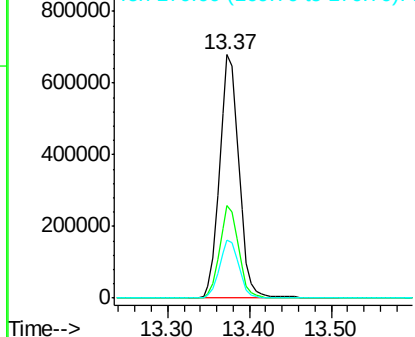


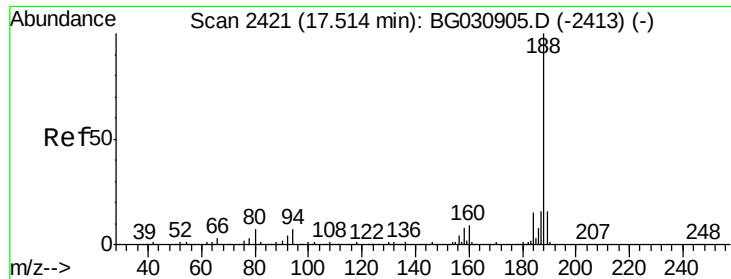
#44
 2-Fluorobiphenyl
 Concen: 90.06 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031310.D
 Acq: 1 Dec 2017 5:13

Tgt Ion:172 Resp: 1124213
 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

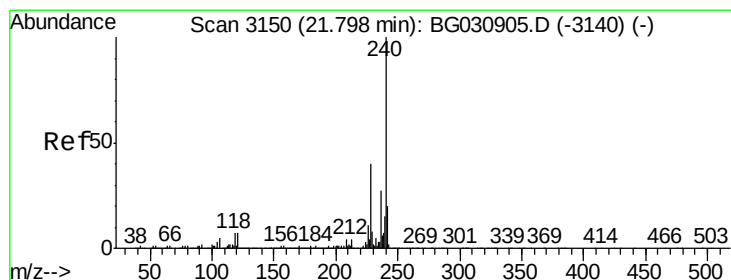
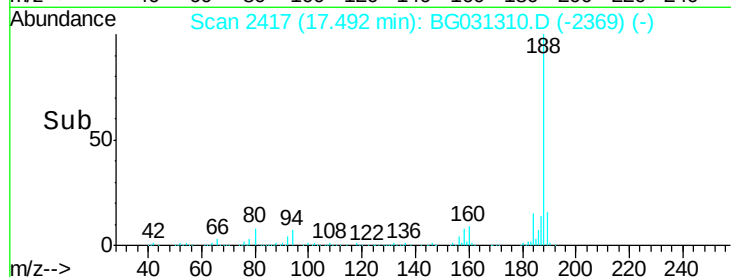
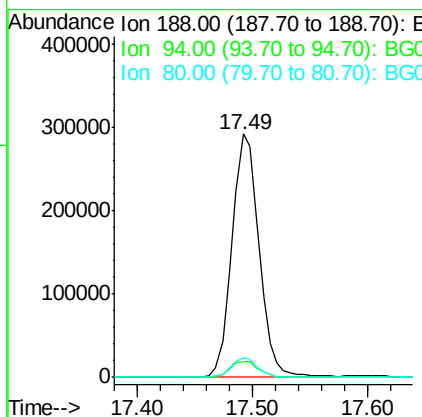
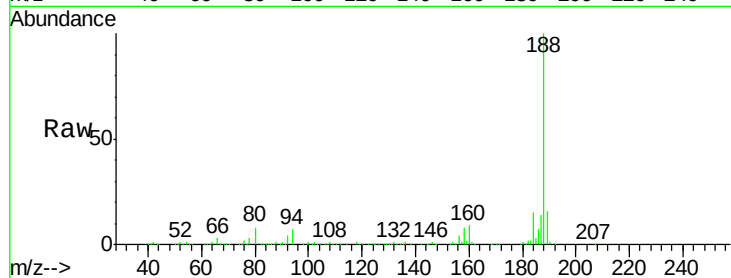




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031310.D
Acq: 1 Dec 2017 5:13

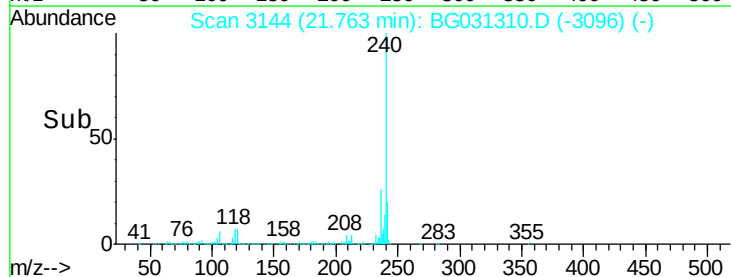
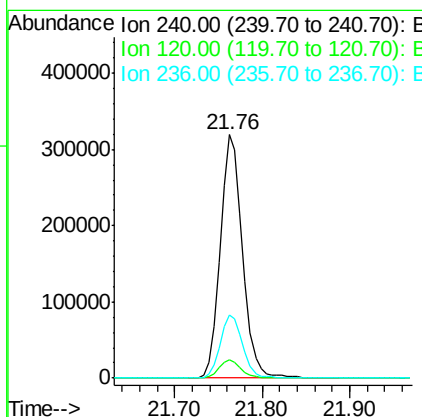
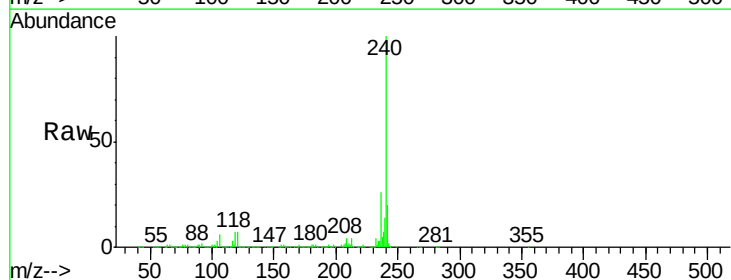
Instrument :
BNA_G
ClientSampleId :

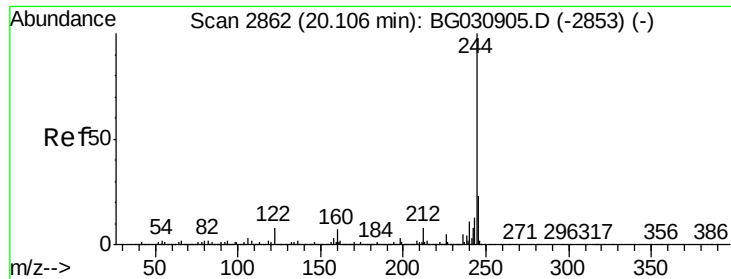
Tot Ion:188 Resp: 476979
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 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: 76.19 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031310.D

Acq: 1 Dec 2017 5:13

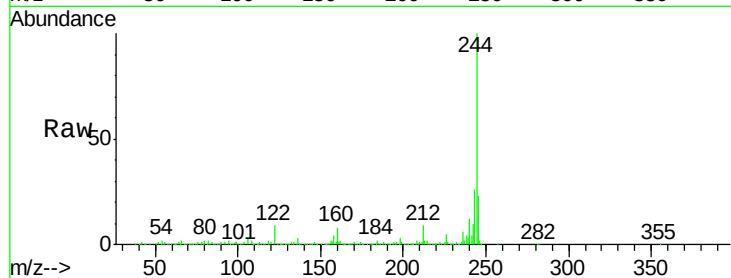
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1934087

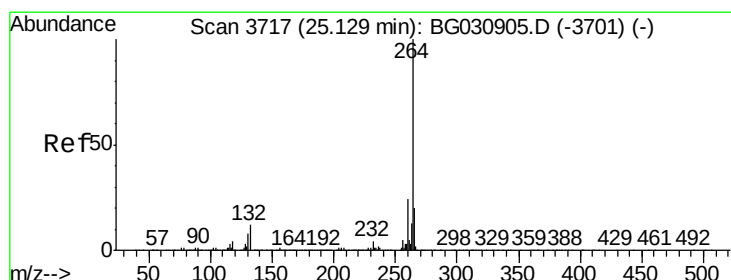
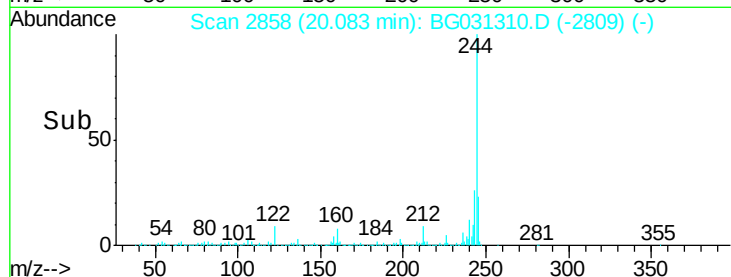
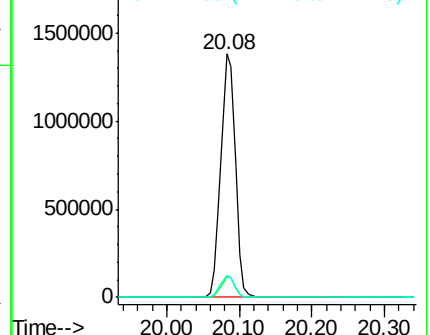
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.3	7.0	10.4



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: 20.00 ng

RT: 25.07 min Scan# 3706

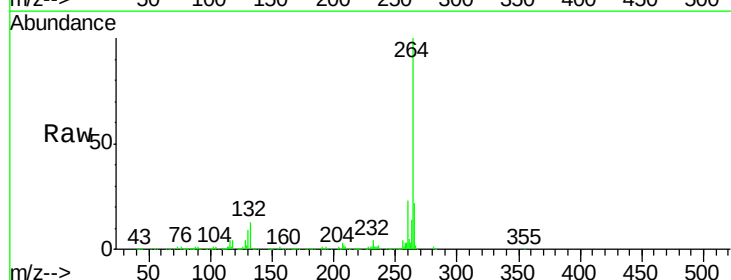
Delta R.T. -0.03 min

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

