

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032513.D
 Acq On : 2 Feb 2018 15:45
 Operator : SJ/JU
 Sample : J1423-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Feb 02 22:25:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	28780	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	115780	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	83489	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	216453	20.00	ng	0.00
75) Chrysene-d12	22.40	240	276983	20.00	ng	-0.01
86) Perylene-d12	26.08	264	296313	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	175987	122.82	ng	0.00
7) Phenol-d6	7.83	99	201545	105.41	ng	0.00
23) Nitrobenzene-d5	9.91	82	156850	84.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	192386	121.06	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	586170	83.45	ng	-0.01
78) Terphenyl-d14	20.62	244	1171577	90.61	ng	0.00

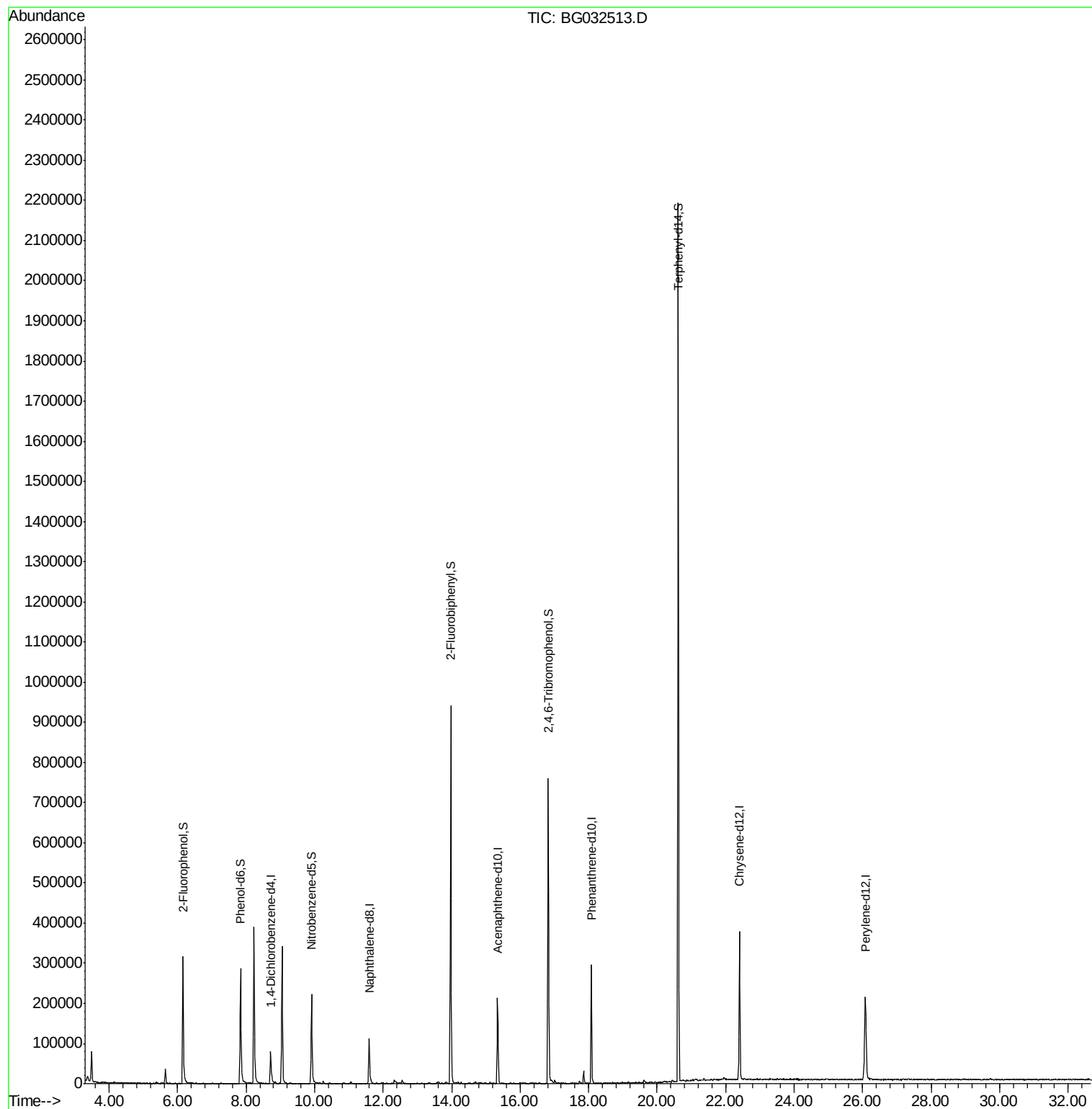
Target Compounds Qvalue

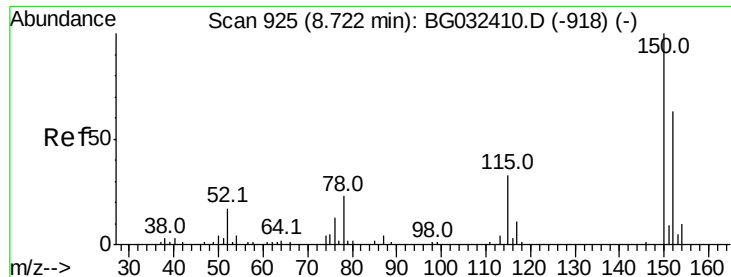
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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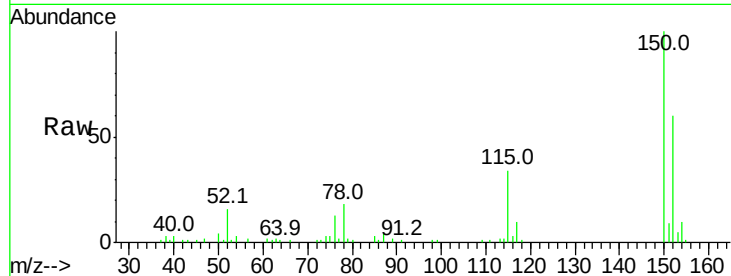


#1

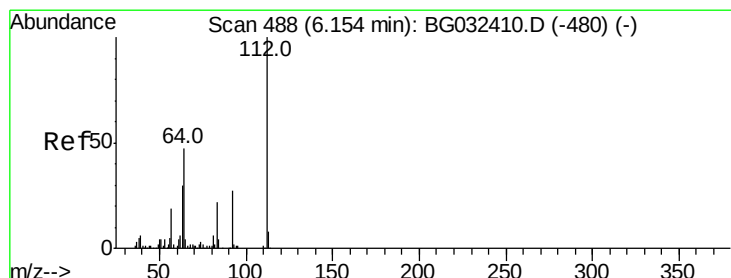
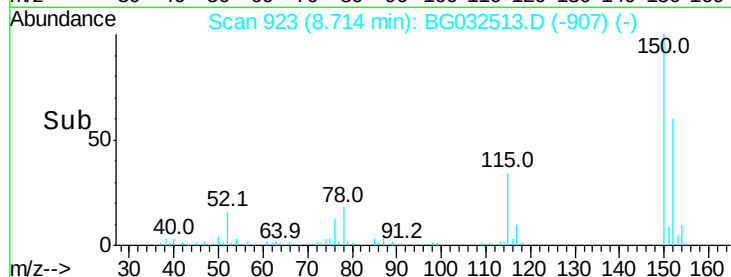
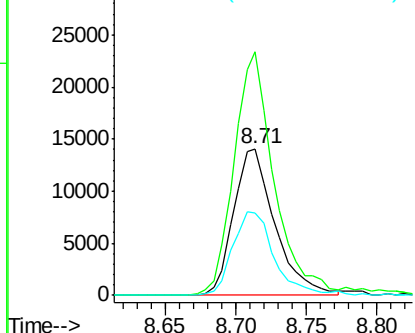
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032513.D
Acq: 2 Feb 2018 15:45

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tot Ion:152 Resp: 28780
Ion Ratio Lower Upper
152 100
150 166.1 126.6 189.8
115 56.1 53.0 79.4



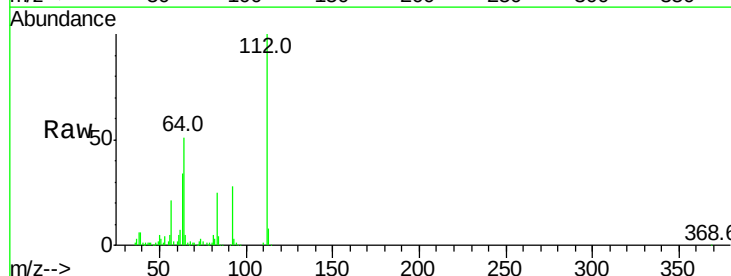
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



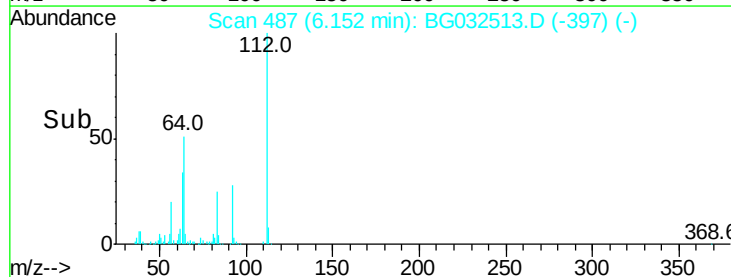
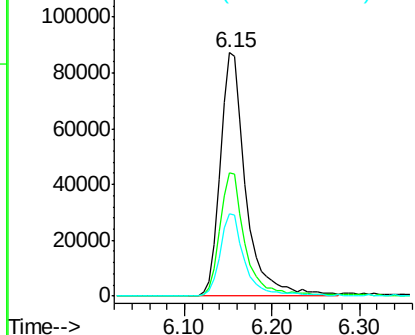
#5

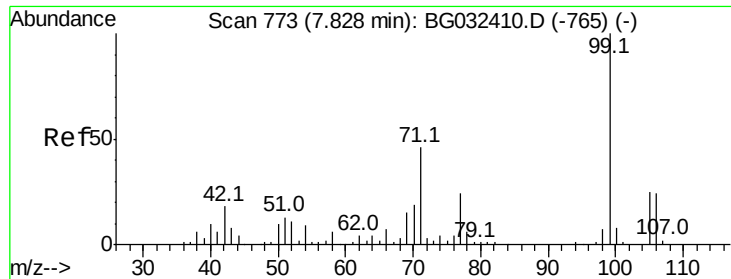
2-Fluorophenol
Concen: 122.821 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032513.D
Acq: 2 Feb 2018 15:45

Tgt Ion:112 Resp: 175987
Ion Ratio Lower Upper
112 100
64 50.8 56.3 84.5#
63 33.7 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: 105.408 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032513.D

Acq: 2 Feb 2018 15:45

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH

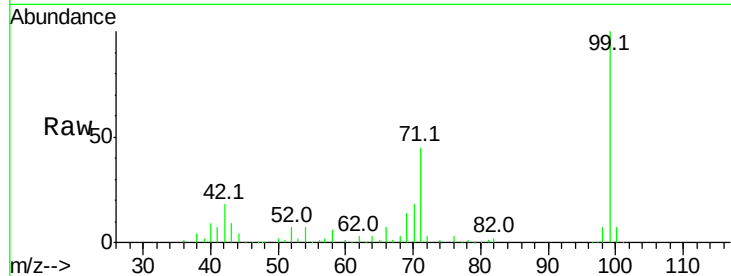
Tot Ion: 99 Resp: 201545

Ion Ratio Lower Upper

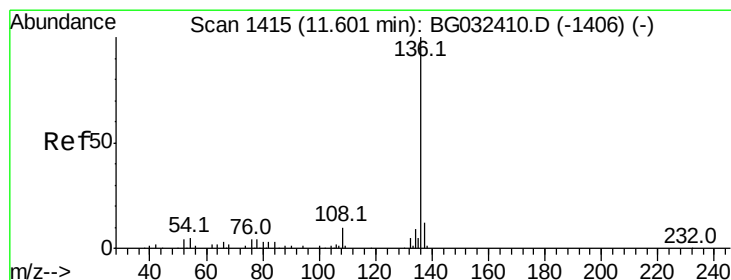
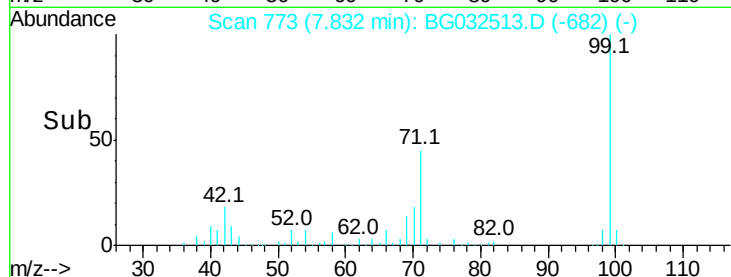
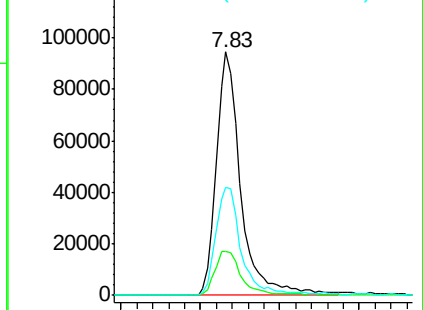
99 100

42 18.1 14.1 21.1

71 44.5 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032513.D

Acq: 2 Feb 2018 15:45

Tgt Ion:136 Resp: 115780

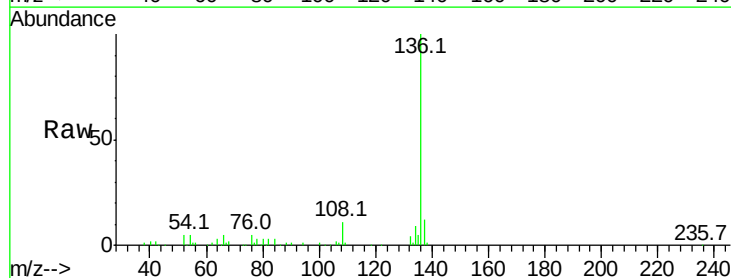
Ion Ratio Lower Upper

136 100

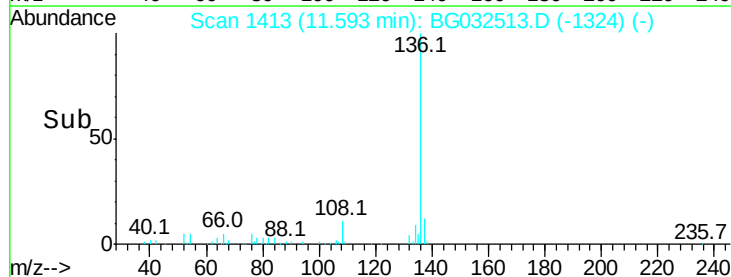
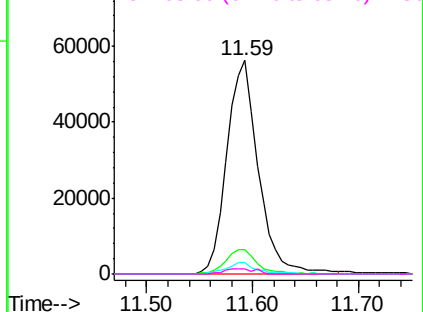
137 11.6 9.2 13.8

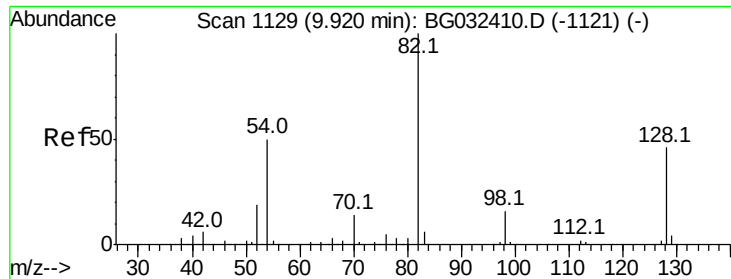
54 5.5 10.3 15.5#

68 2.2 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

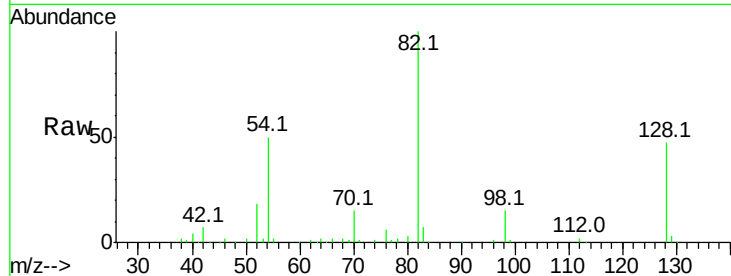




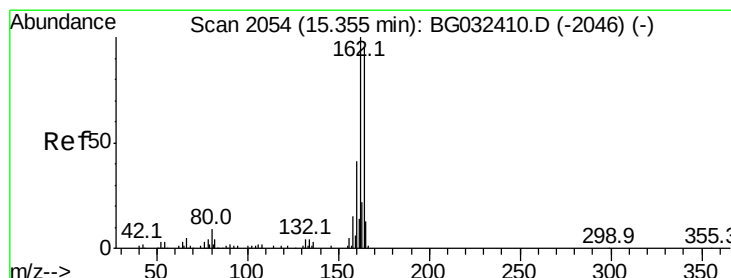
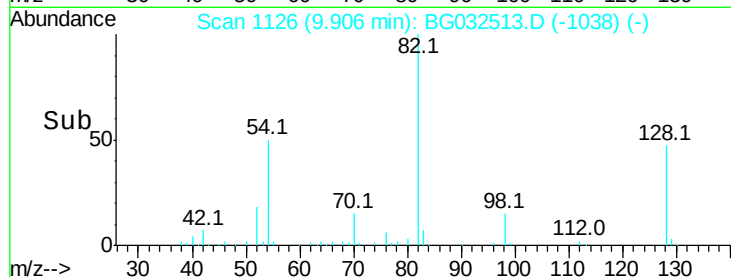
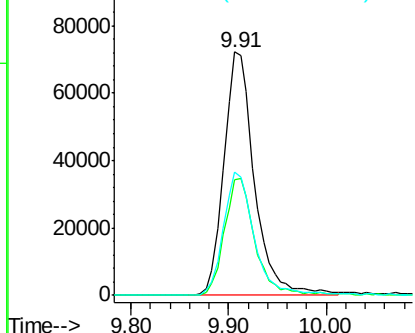
#23
Nitrobenzene-d5
Concen: 84.617 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032513.D
Acq: 2 Feb 2018 15:45

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tot Ion: 82 Resp: 156850
Ion Ratio Lower Upper
82 100
128 47.3 29.7 44.5#
54 50.4 43.1 64.7

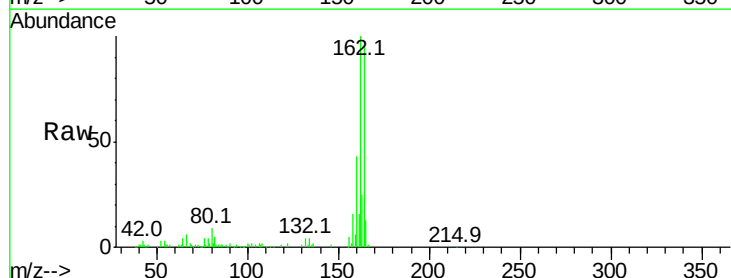


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

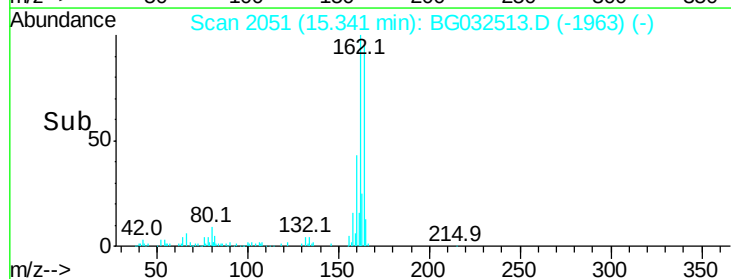
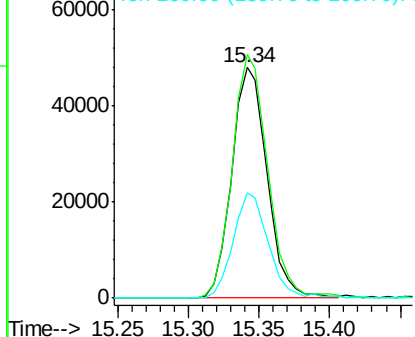


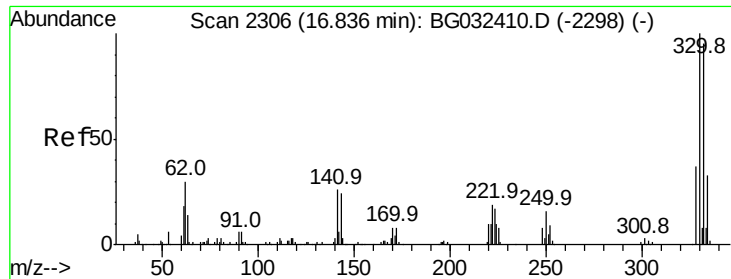
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032513.D
Acq: 2 Feb 2018 15:45

Tgt Ion:164 Resp: 83489
Ion Ratio Lower Upper
164 100
162 105.6 78.8 118.2
160 45.7 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

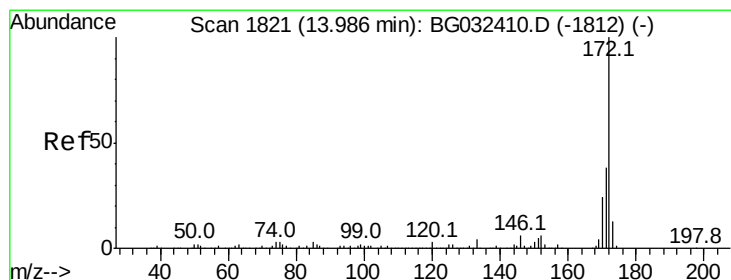
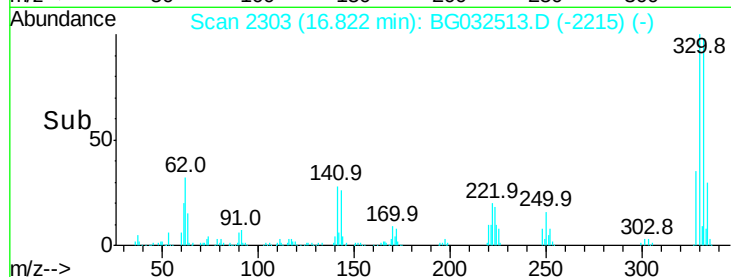
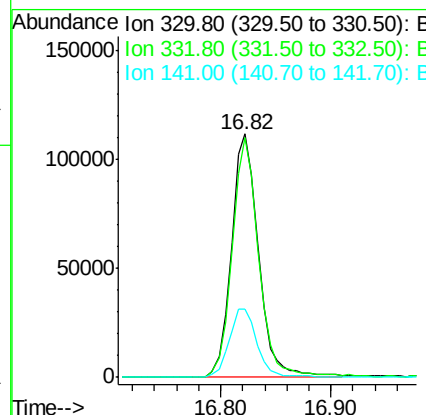
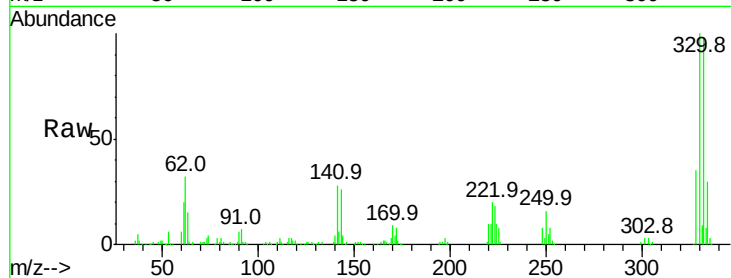




#41
 2,4,6-Tribromophenol
 Concen: 121.057 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032513.D
 Acq: 2 Feb 2018 15:45

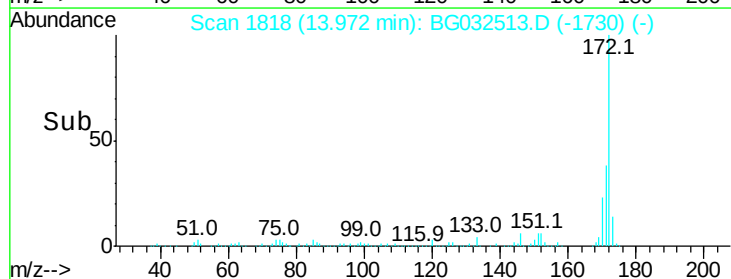
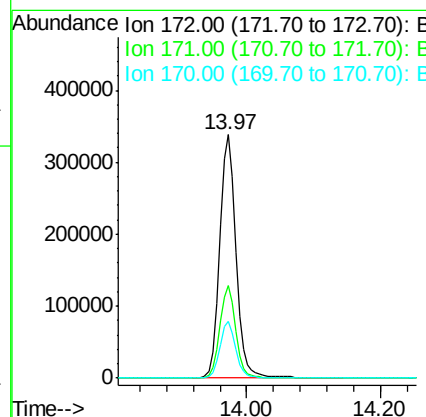
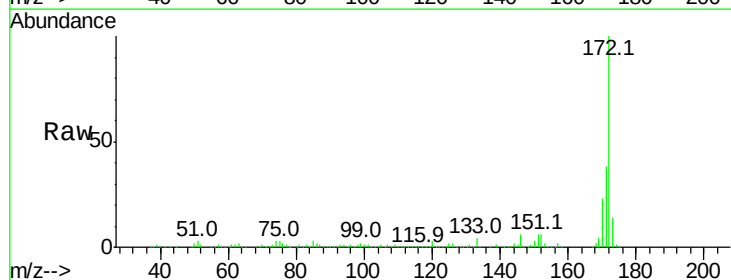
Instrument :
 BNA_G
 ClientSampleId :
 CHASSIS-WASH

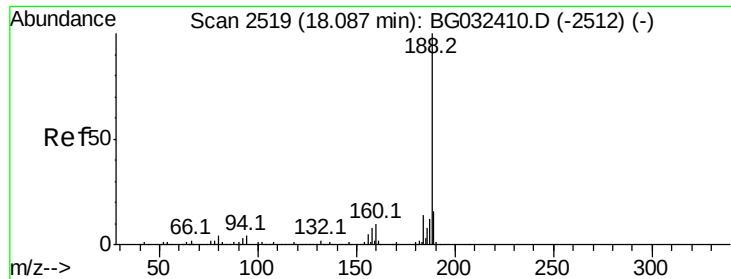
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 83.448 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032513.D
 Acq: 2 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.4	19.5	29.3

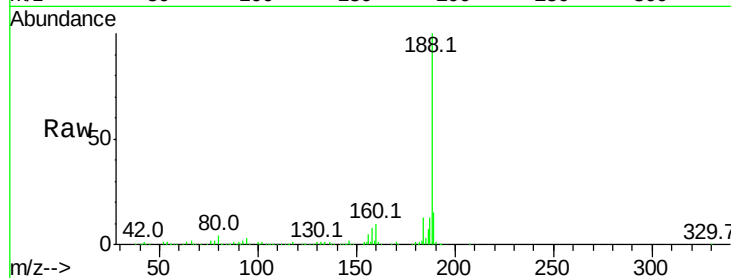




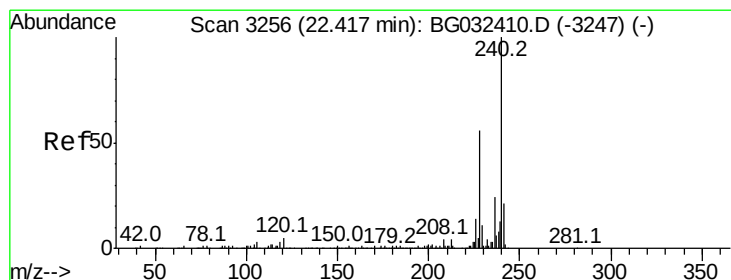
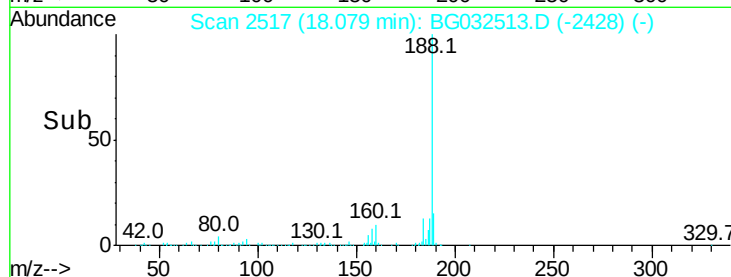
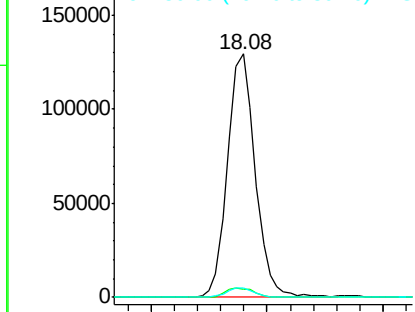
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032513.D
Acq: 2 Feb 2018 15:45

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tot Ion:188 Resp: 216453
Ion Ratio Lower Upper
188 100
94 3.5 6.9 10.3#
80 4.0 7.7 11.5#

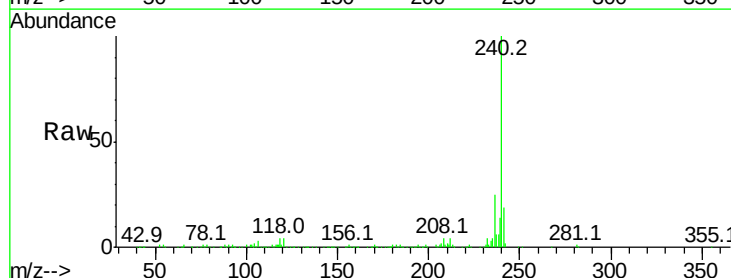


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

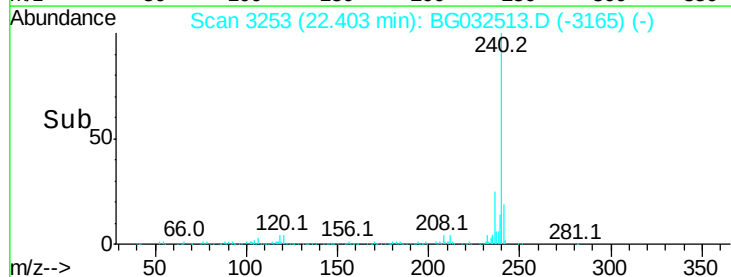
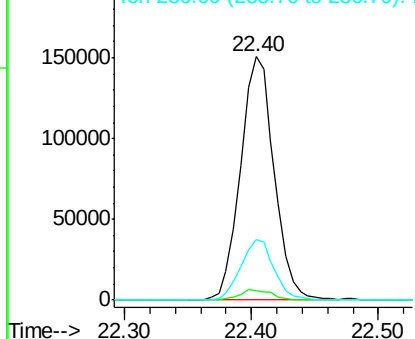


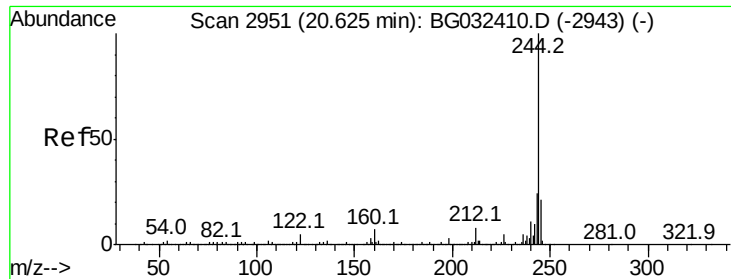
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032513.D
Acq: 2 Feb 2018 15:45

Tgt Ion:240 Resp: 276983
Ion Ratio Lower Upper
240 100
120 3.6 6.8 10.2#
236 24.7 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: 90.605 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032513.D

Acq: 2 Feb 2018 15:45

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH

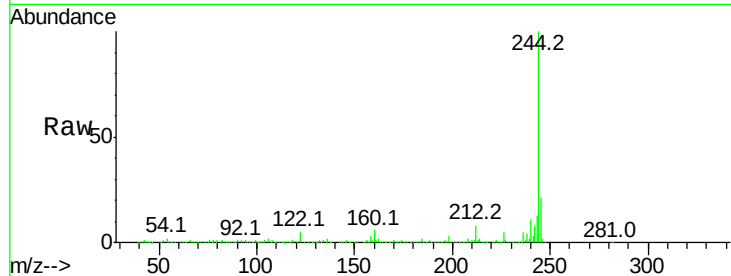
Tot Ion:244 Resp: 1171577

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

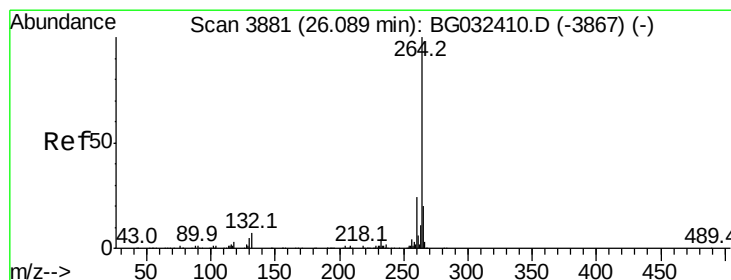
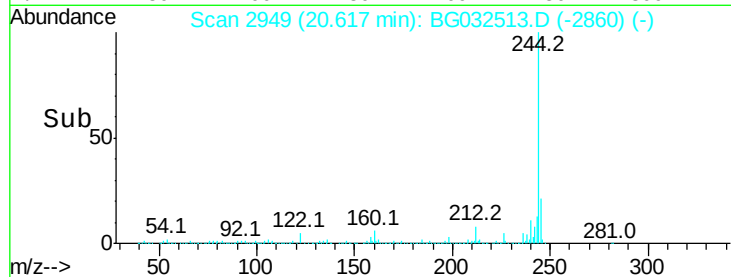
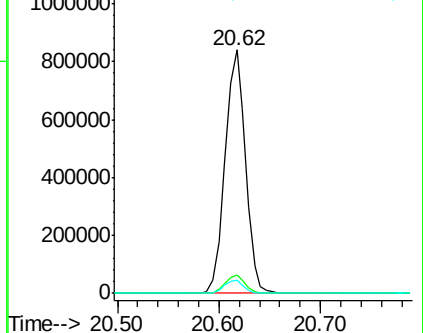
122 5.4 7.0 10.4#



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: 26.08 min Scan# 3878

Delta R.T. -0.01 min

Lab File: BG032513.D

Acq: 2 Feb 2018 15:45

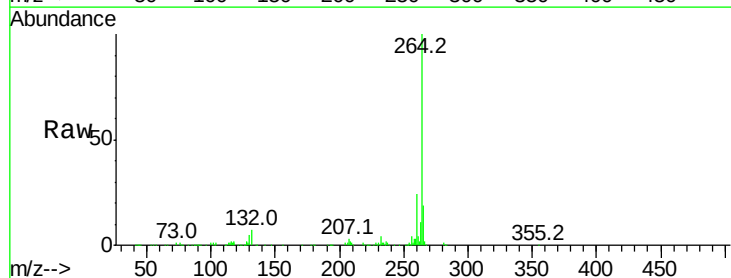
Tgt Ion:264 Resp: 296313

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 18.6 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

