

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032704.D
 Acq On : 15 Feb 2018 7:08
 Operator : SJ/JU
 Sample : J1530-44
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-04

Quant Time: Feb 15 07:44:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	27516	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	104121	20.00	ng	-0.02
38) Acenaphthene-d10	15.29	164	65567	20.00	ng	-0.02
63) Phenanthrene-d10	18.03	188	204785	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	304168	20.00	ng	-0.02
86) Perylene-d12	25.99	264	332435	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	179021	130.53	ng	-0.01
7) Phenol-d6	7.78	99	181310	96.68	ng	-0.01
23) Nitrobenzene-d5	9.86	82	148737	90.79	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	223718	221.59	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	476989	90.97	ng	-0.01
78) Terphenyl-d14	20.57	244	1415291	106.05	ng	-0.01

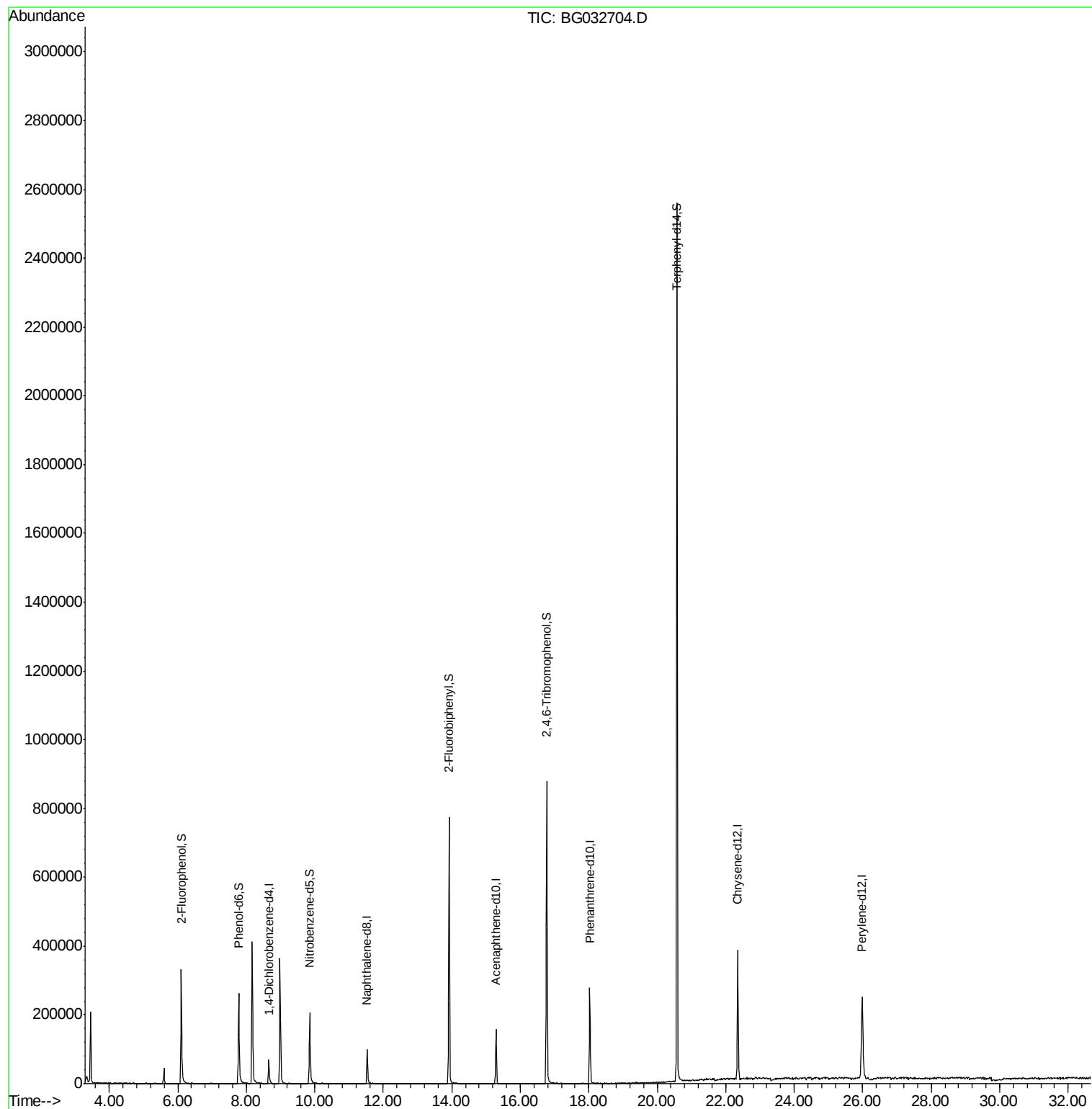
Target Compounds Qvalue

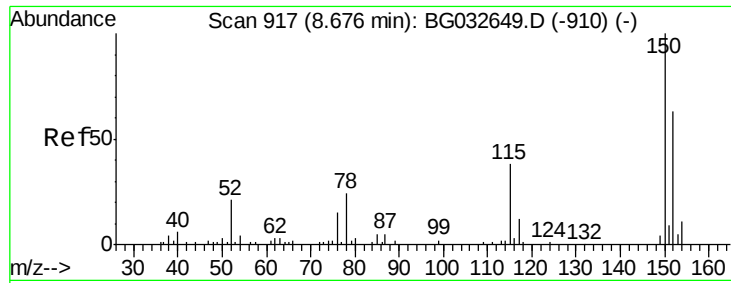
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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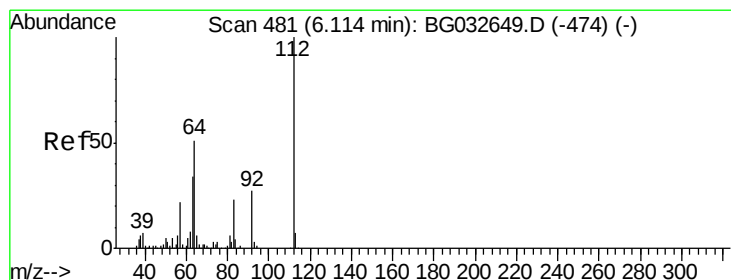
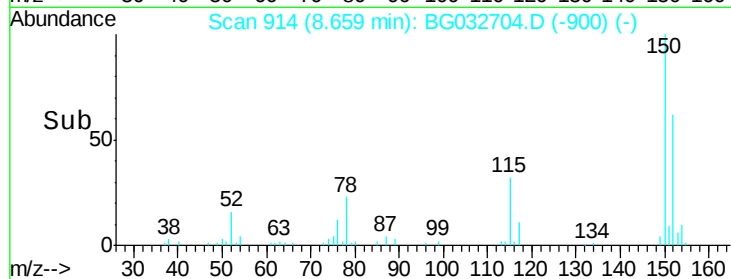
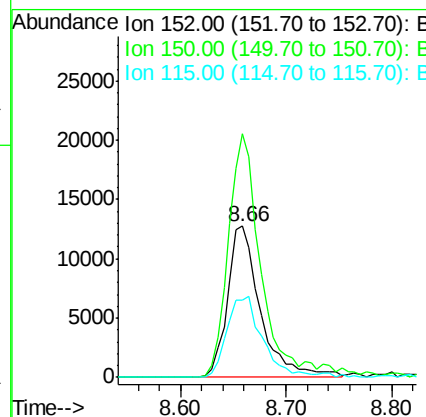
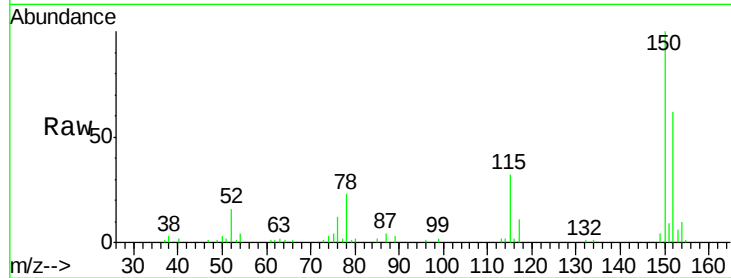


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032704.D
Acq: 15 Feb 2018 7:08

Instrument :
BNA_G
ClientSampled :
WC-04

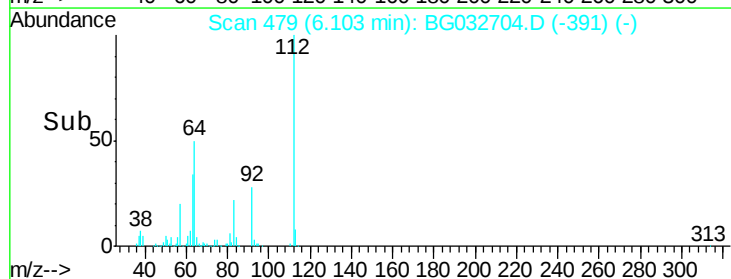
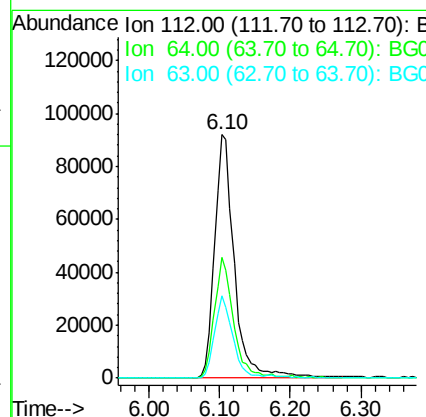
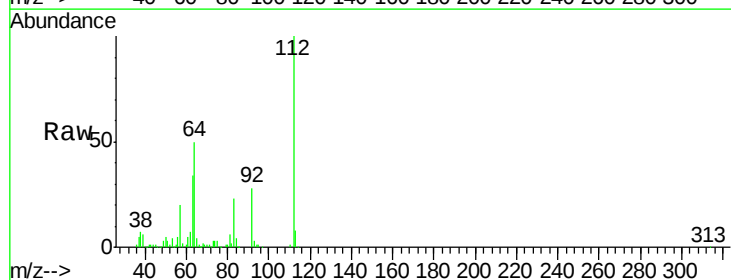
Tot Ion:152 Resp: 27516
Ion Ratio Lower Upper
152 100
150 160.8 126.6 189.8
115 51.1 53.0 79.4#

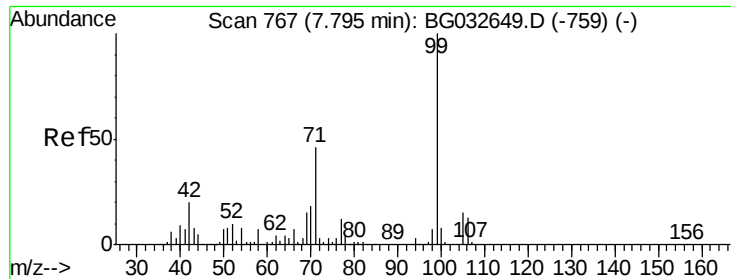


#5

2-Fluorophenol
Concen: 130.535 ng
RT: 6.10 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG032704.D
Acq: 15 Feb 2018 7:08

Tgt Ion:112 Resp: 179021
Ion Ratio Lower Upper
112 100
64 49.6 56.3 84.5#
63 33.6 30.1 45.1





#7

Phenol-d6

Concen: 96.683 ng

RT: 7.78 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG032704.D

Acq: 15 Feb 2018 7:08

Instrument :

BNA_G

ClientSampleId :

WC-04

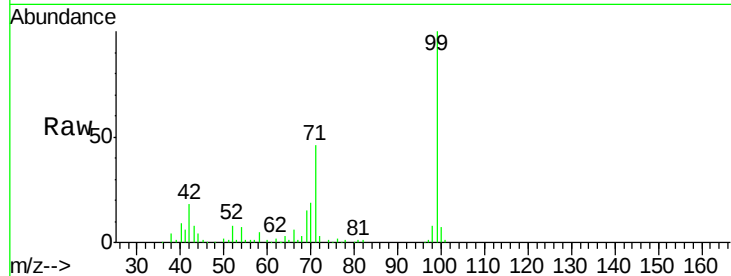
Tot Ion: 99 Resp: 181310

Ion Ratio Lower Upper

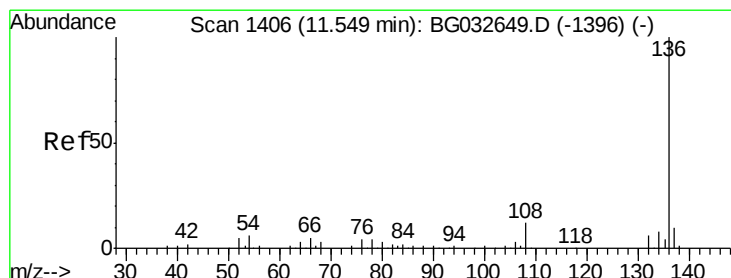
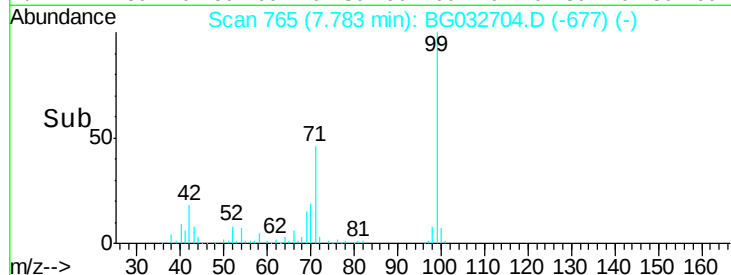
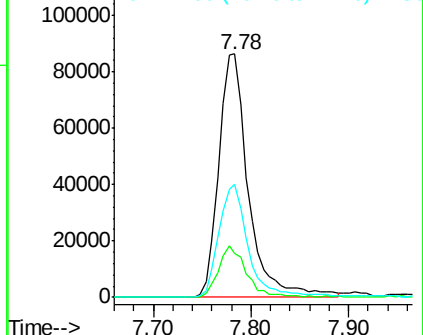
99 100

42 18.0 14.1 21.1

71 46.3 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: 11.53 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG032704.D

Acq: 15 Feb 2018 7:08

Tgt Ion: 136 Resp: 104121

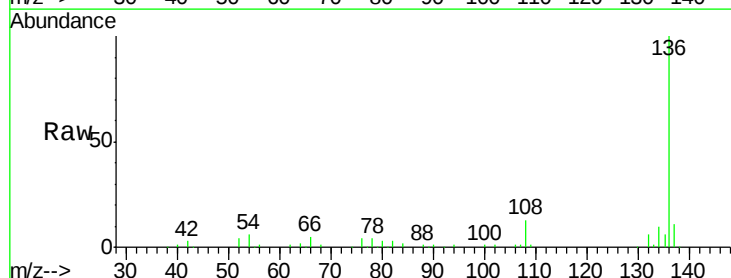
Ion Ratio Lower Upper

136 100

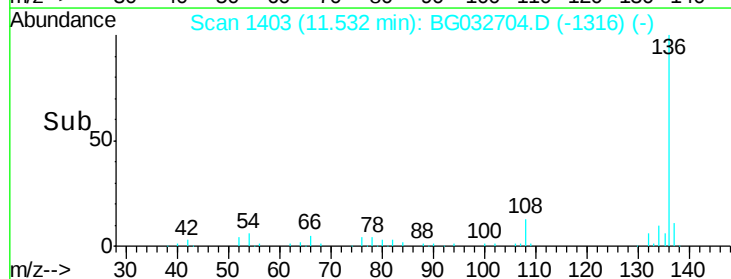
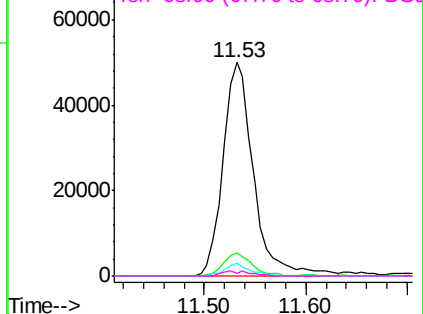
137 10.9 9.2 13.8

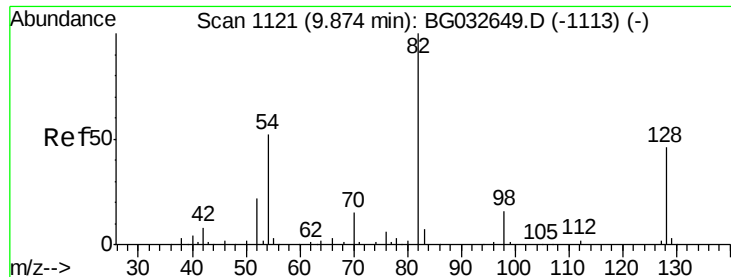
54 6.1 10.3 15.5#

68 1.1 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

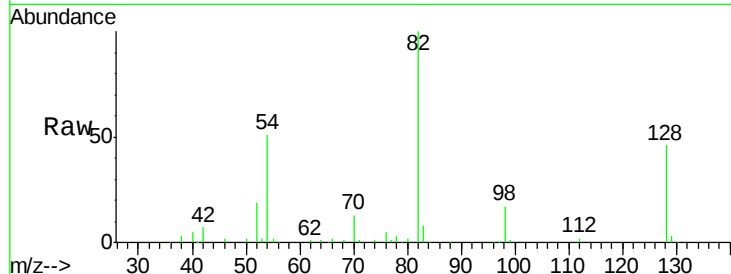




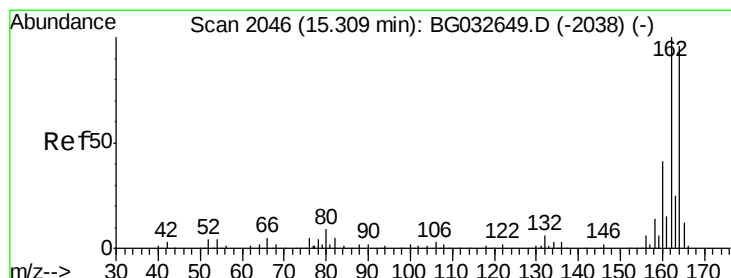
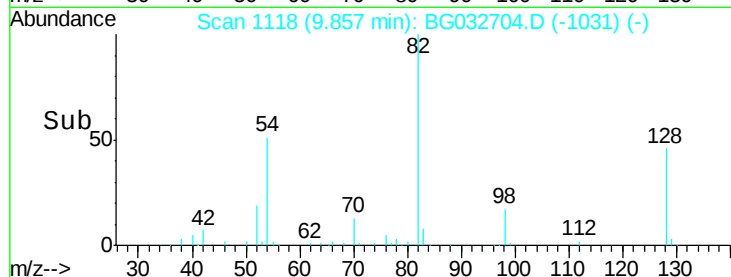
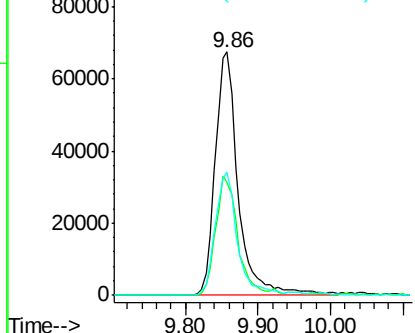
#23
 Nitrobenzene-d5
 Concen: 90.789 ng
 RT: 9.86 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BG032704.D
 Acq: 15 Feb 2018 7:08

Instrument :
 BNA_G
 ClientSampled :
 WC-04

Tot Ion: 82 Resp: 148737
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 50.6 43.1 64.7

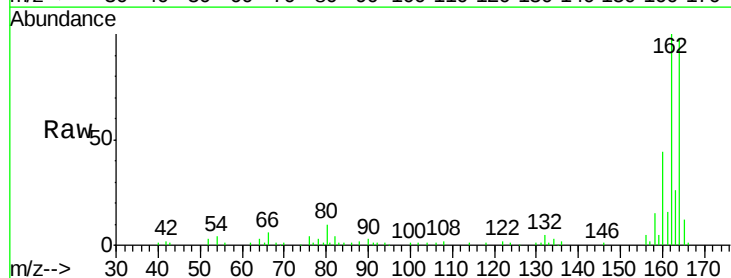


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

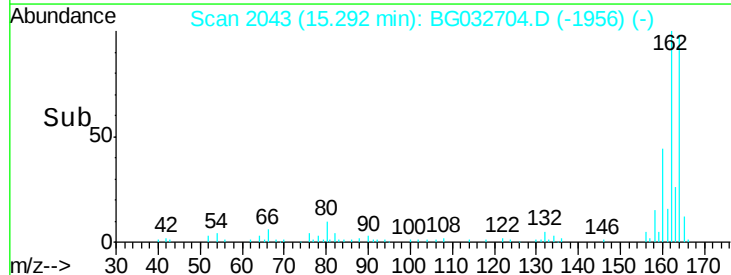
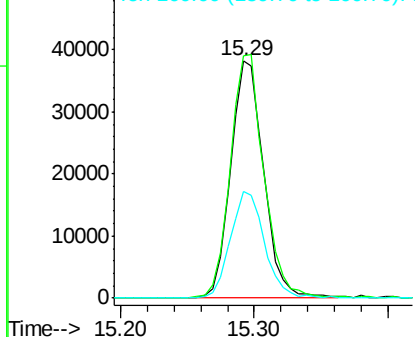


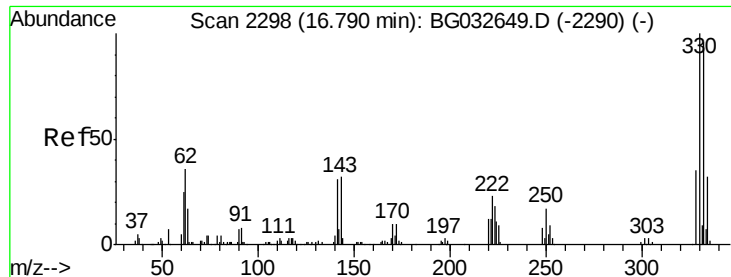
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG032704.D
 Acq: 15 Feb 2018 7:08

Tgt Ion:164 Resp: 65567
 Ion Ratio Lower Upper
 164 100
 162 102.1 78.8 118.2
 160 45.2 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

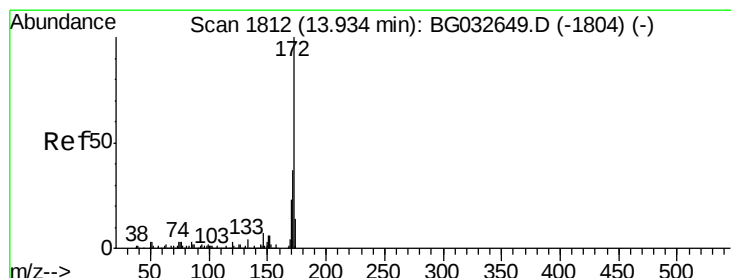
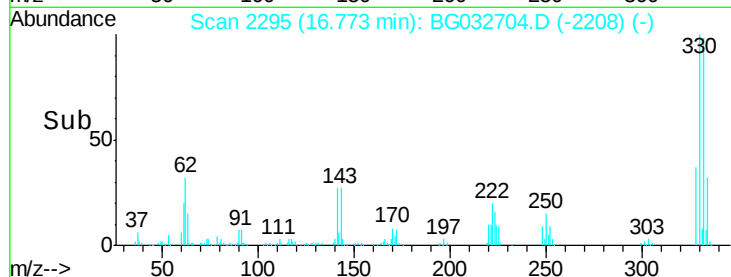
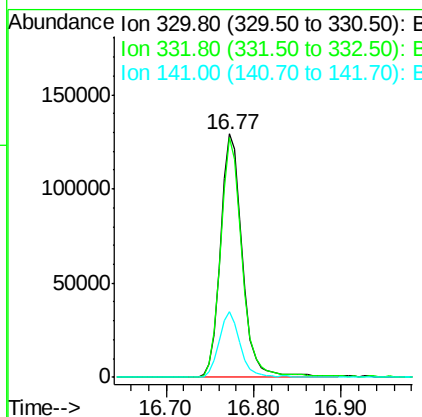
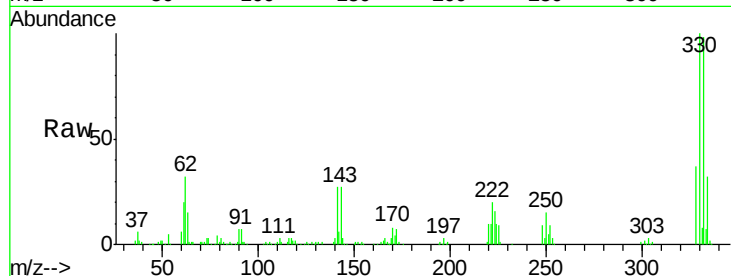




#41
 2,4,6-Tribromophenol
 Concen: 221.592 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.02 min
 Lab File: BG032704.D
 Acq: 15 Feb 2018 7:08

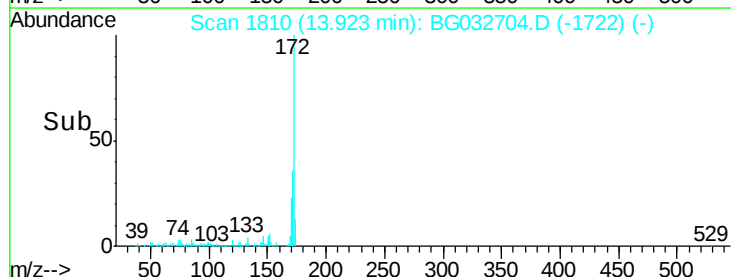
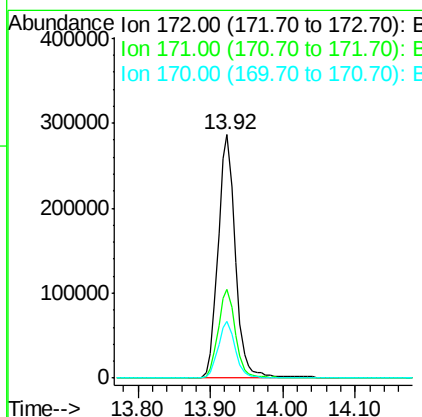
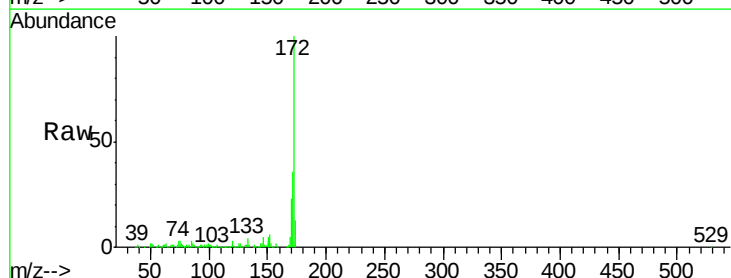
Instrument :
 BNA_G
 ClientSampleId :
 WC-04

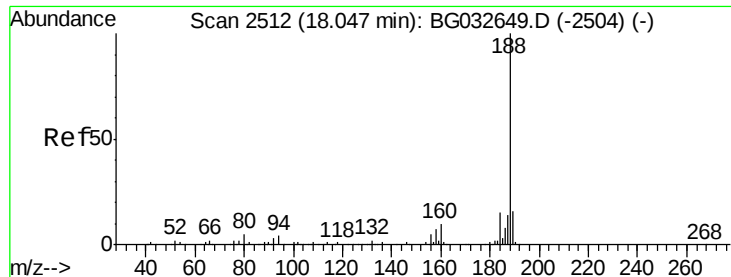
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	26.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 90.974 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032704.D
 Acq: 15 Feb 2018 7:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	23.1	19.5	29.3

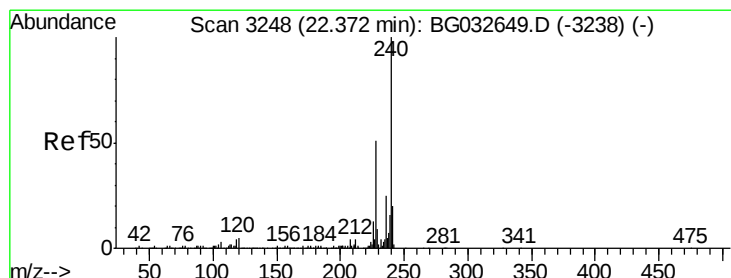
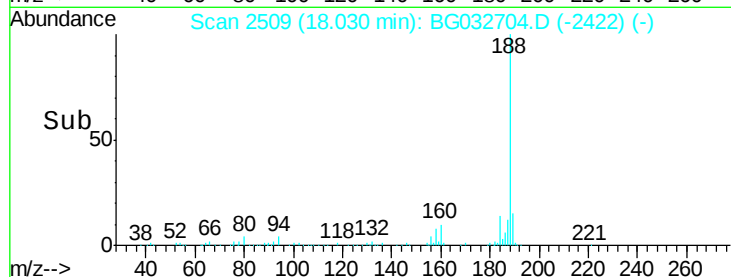
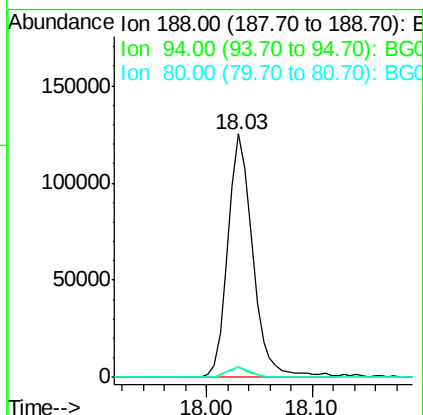
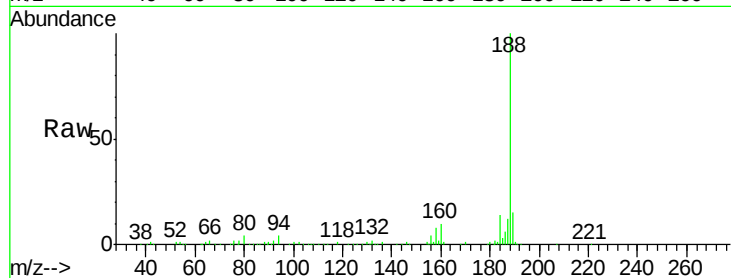




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032704.D
Acq: 15 Feb 2018 7:08

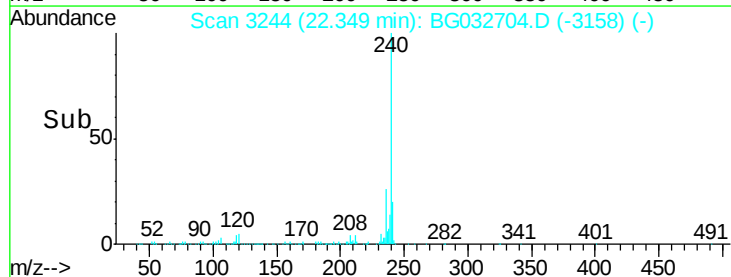
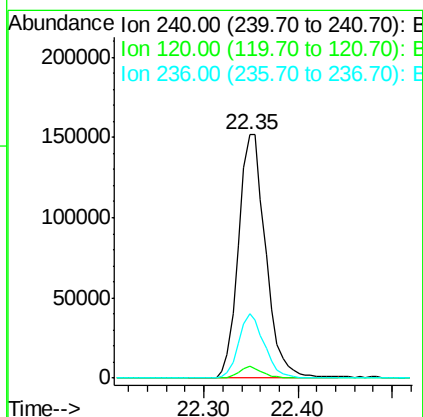
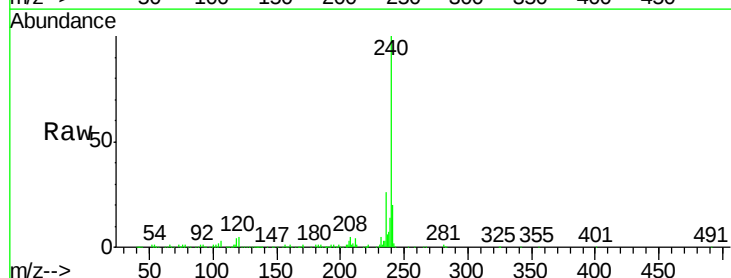
Instrument :
BNA_G
ClientSampleId :
WC-04

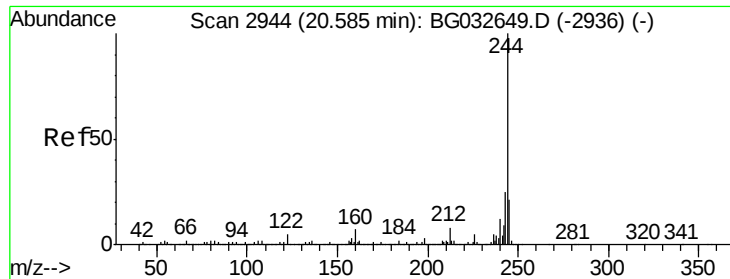
Tot Ion:188 Resp: 204785
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032704.D
Acq: 15 Feb 2018 7:08

Tgt Ion:240 Resp: 304168
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 106.051 ng

RT: 20.57 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG032704.D

Acq: 15 Feb 2018 7:08

Instrument :

BNA_G

ClientSampleId :

WC-04

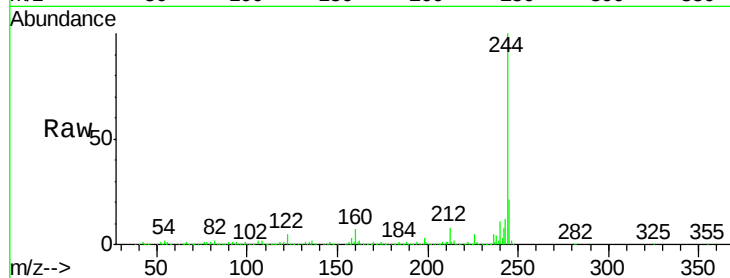
Tot Ion:244 Resp: 1415291

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

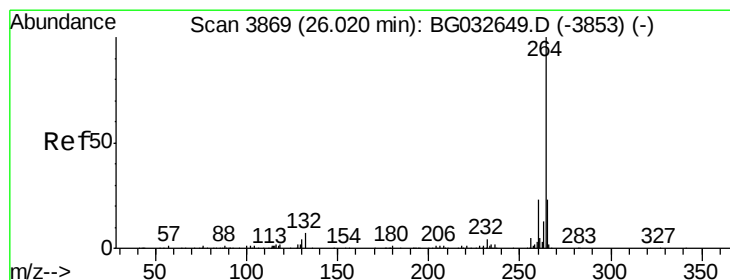
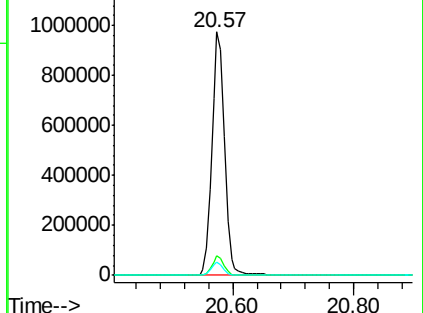
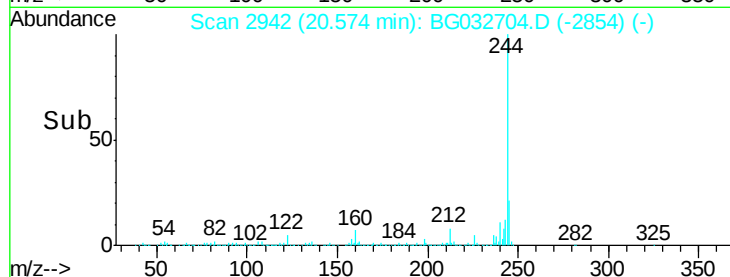
122 5.4 7.0 10.4#



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: 25.99 min Scan# 3863

Delta R.T. -0.03 min

Lab File: BG032704.D

Acq: 15 Feb 2018 7:08

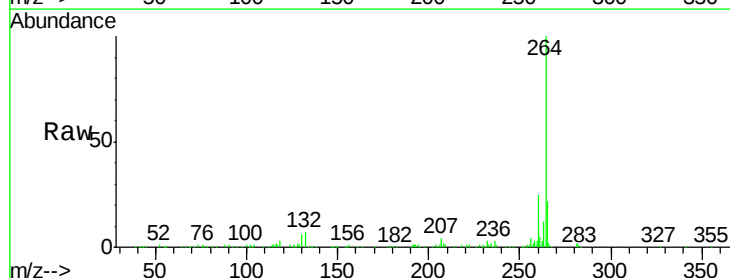
Tgt Ion:264 Resp: 332435

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 22.0 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

