

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032699.D
 Acq On : 15 Feb 2018 4:01
 Operator : SJ/JU
 Sample : J1530-41
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-01

Quant Time: Feb 15 06:36:46 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

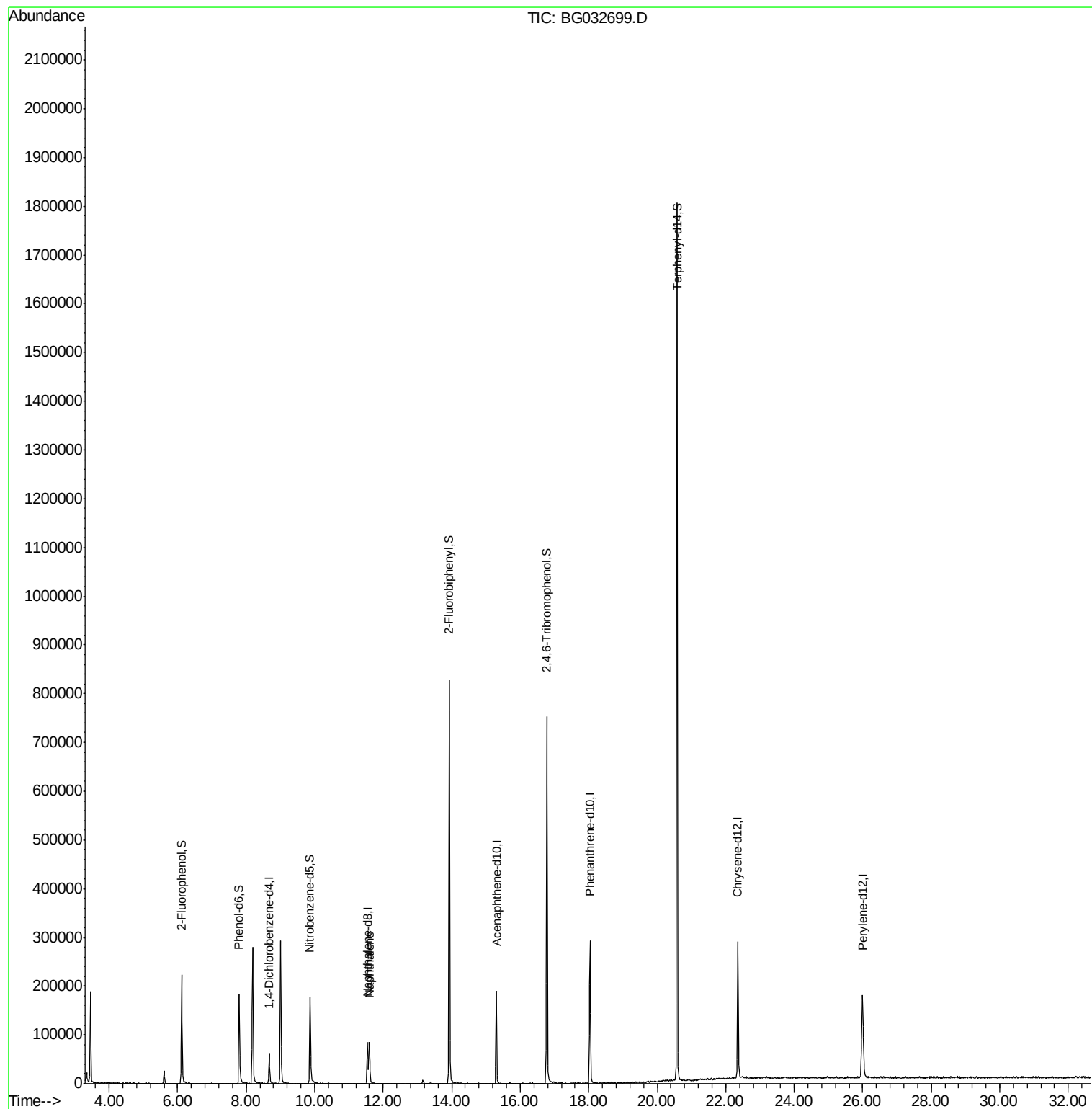
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	22036	20.00	ng	0.00
21) Naphthalene-d8	11.54	136	91847	20.00	ng	0.00
38) Acenaphthene-d10	15.30	164	79229	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	222976	20.00	ng	0.00
75) Chrysene-d12	22.36	240	220081	20.00	ng	-0.02
86) Perylene-d12	25.99	264	243398	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	121349	110.49	ng	0.00
7) Phenol-d6	7.79	99	129802	86.43	ng	0.00
23) Nitrobenzene-d5	9.87	82	131325	90.87	ng	0.00
41) 2,4,6-Tribromophenol	16.78	330	189921	155.68	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	517739	81.72	ng	0.00
78) Terphenyl-d14	20.58	244	1026792	106.34	ng	0.00
Target Compounds						
31) Naphthalene	11.60	128	86408	19.375	ng	Qvalue 98

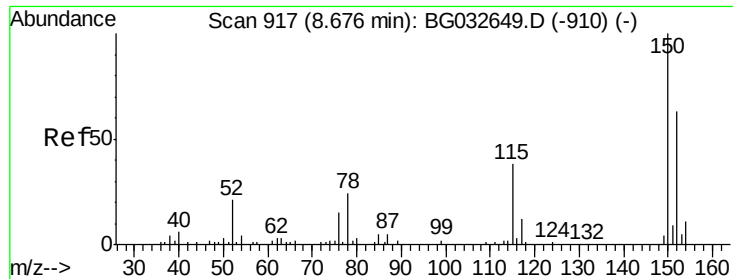
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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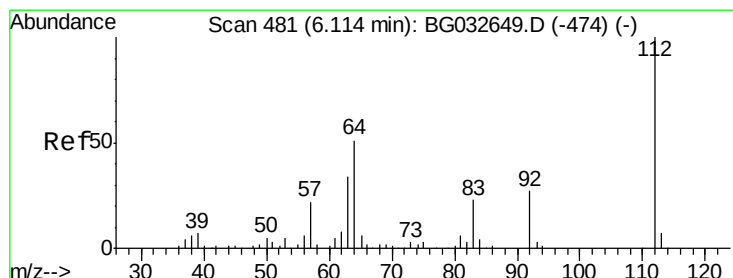
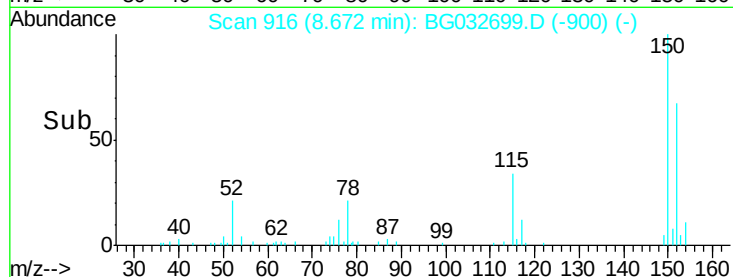
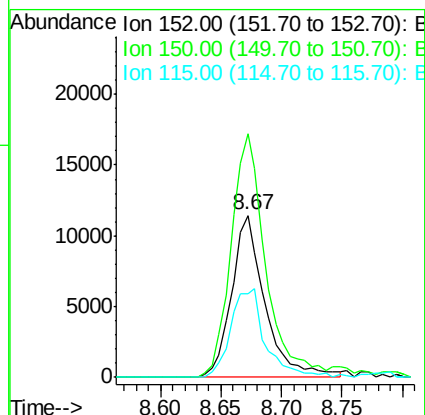
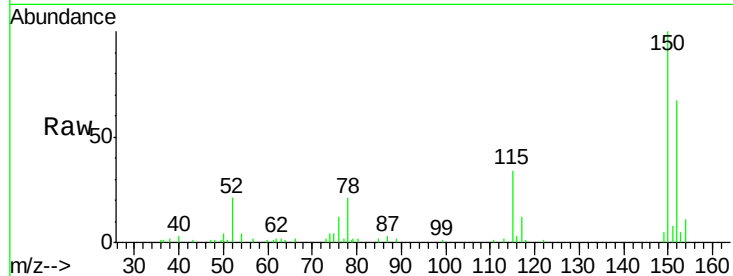


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG032699.D
Acq: 15 Feb 2018 4:01

Instrument :
BNA_G
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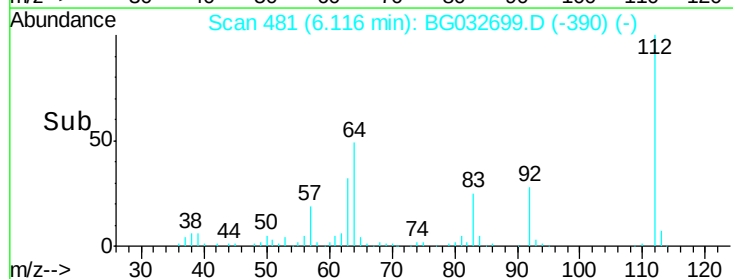
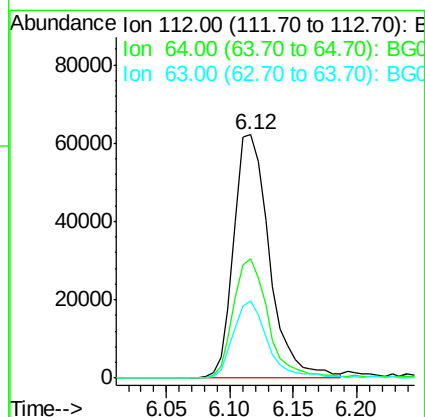
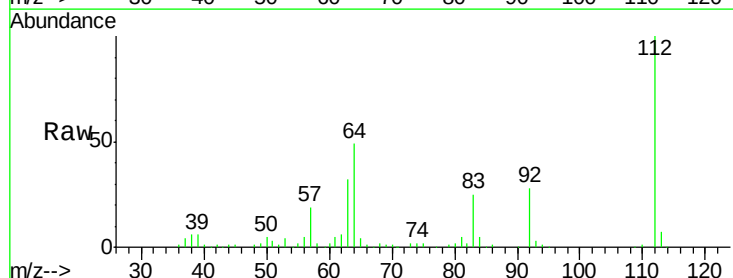
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	51.7	53.0	79.4

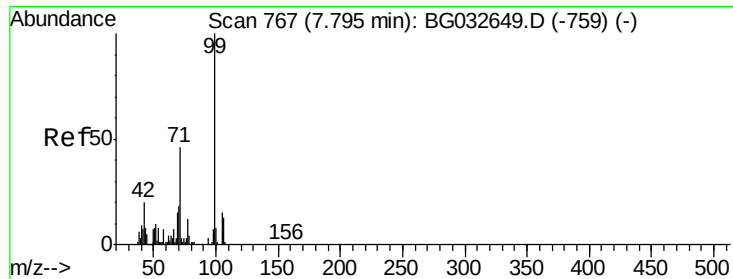


#5

2-Fluorophenol
Concen: 110.487 ng
RT: 6.12 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032699.D
Acq: 15 Feb 2018 4:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	56.3	84.5
63	31.8	30.1	45.1





#7

Phenol-d6

Concen: 86.429 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG032699.D

Acq: 15 Feb 2018 4:01

Instrument :

BNA_G

ClientSampleId :

WC-01

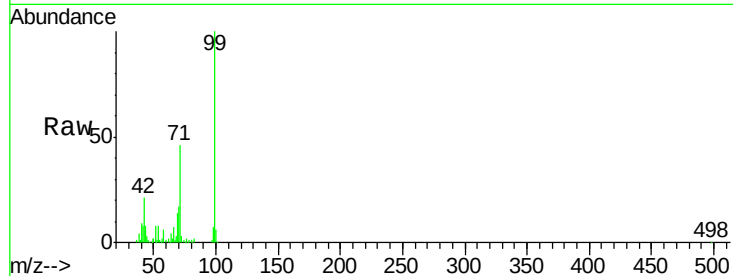
Tot Ion: 99 Resp: 129802

Ion Ratio Lower Upper

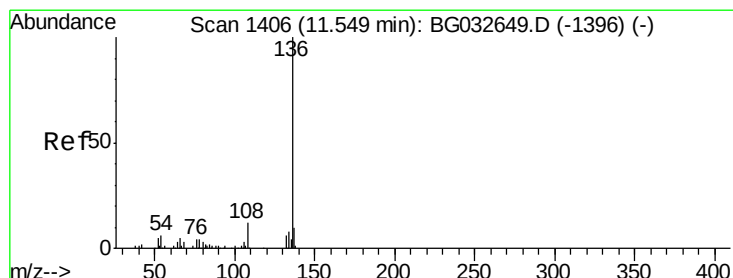
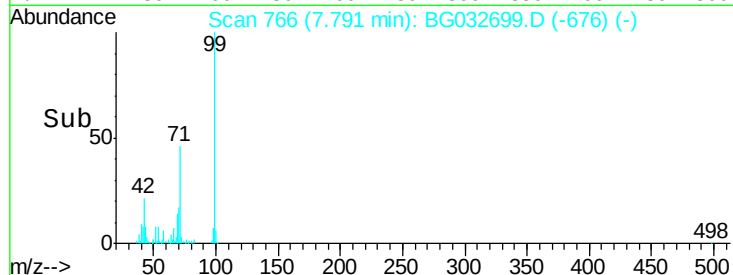
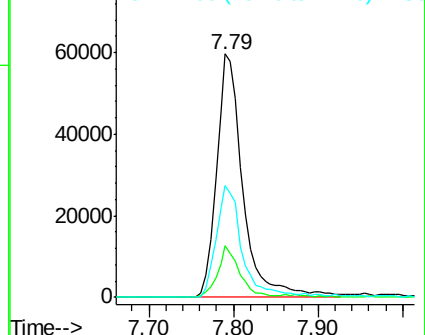
99 100

42 21.0 14.1 21.1

71 45.7 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: 11.54 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG032699.D

Acq: 15 Feb 2018 4:01

Tgt Ion: 136 Resp: 91847

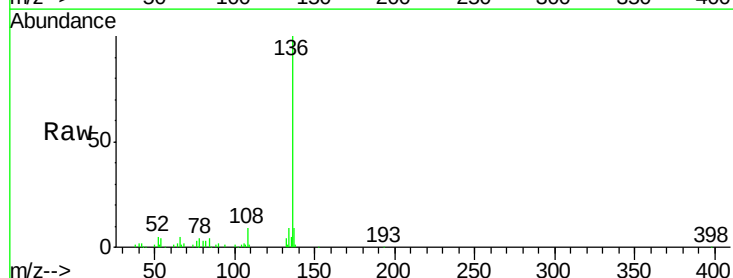
Ion Ratio Lower Upper

136 100

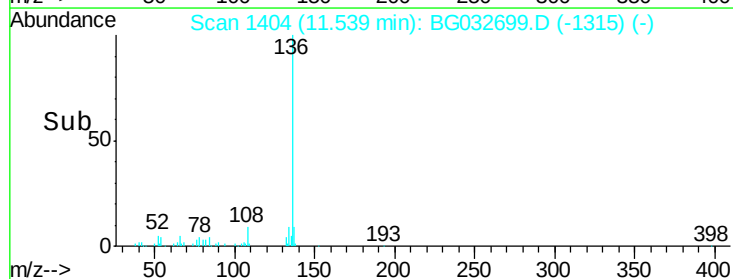
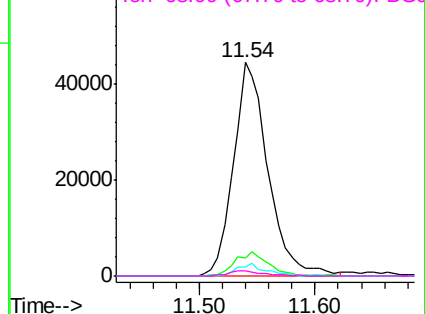
137 8.6 9.2 13.8#

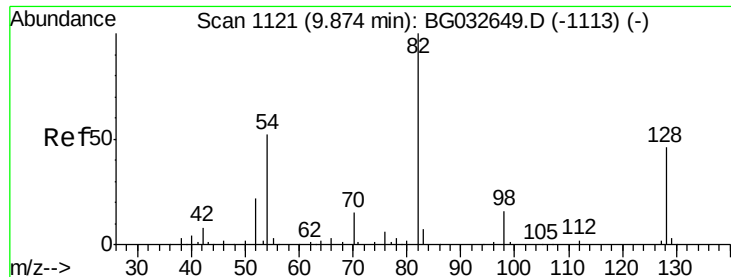
54 4.3 10.3 15.5#

68 2.3 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

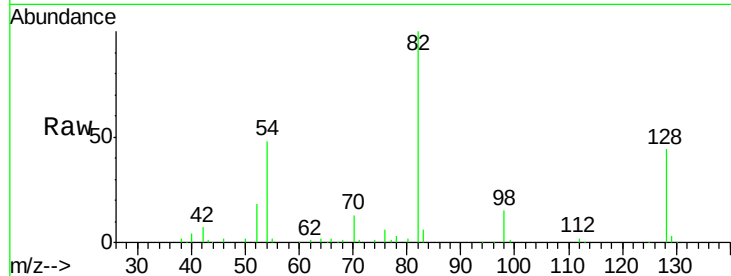




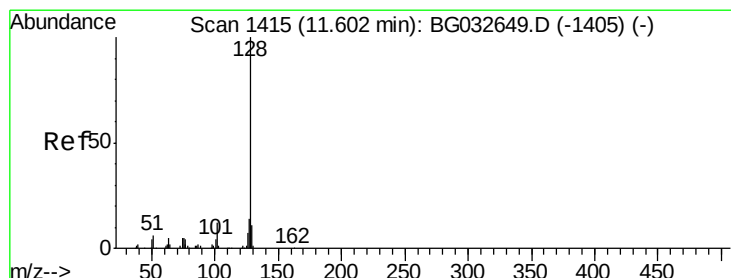
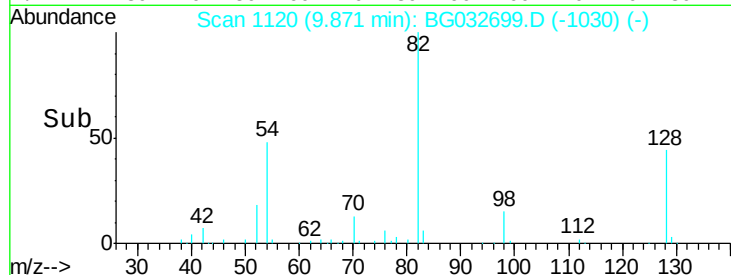
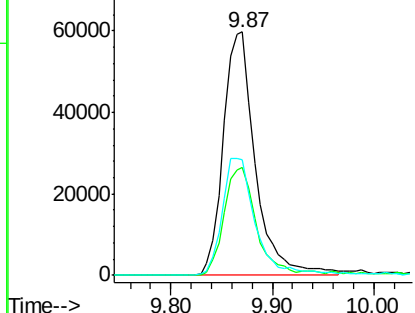
#23
 Nitrobenzene-d5
 Concen: 90.873 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BG032699.D
 Acq: 15 Feb 2018 4:01

Instrument :
 BNA_G
 ClientSampleID :
 WC-01

Tot Ion	82	Resp	131325
Ion Ratio	Lower	Upper	
82	100		
128	44.2	29.7	44.5
54	47.6	43.1	64.7

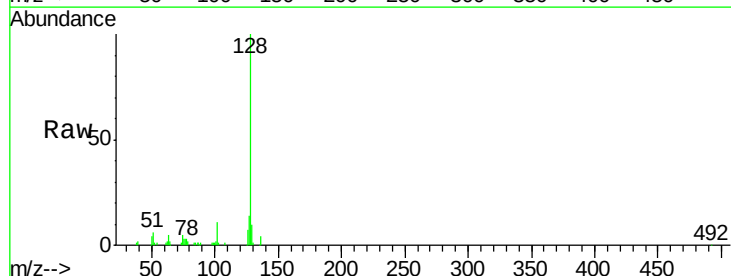


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

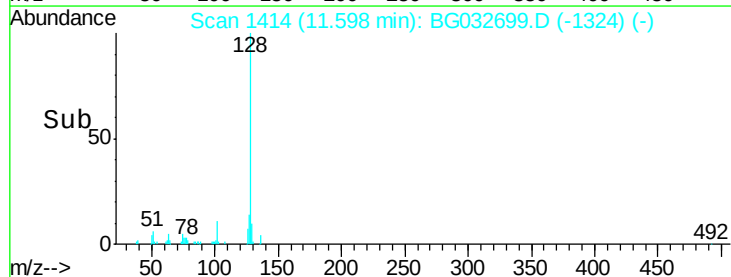
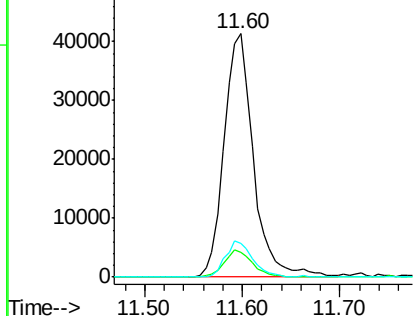


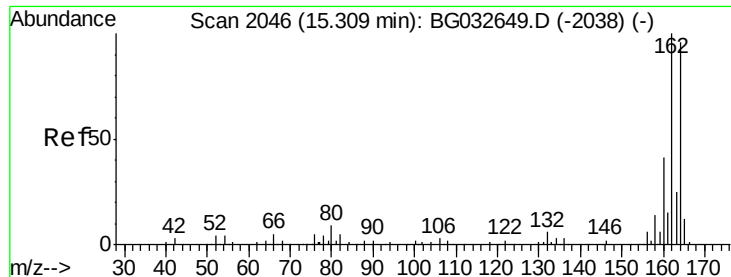
#31
 Naphthalene
 Concen: 19.375 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BG032699.D
 Acq: 15 Feb 2018 4:01

Tgt Ion	128	Resp	86408
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.6	12.8
127	13.7	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

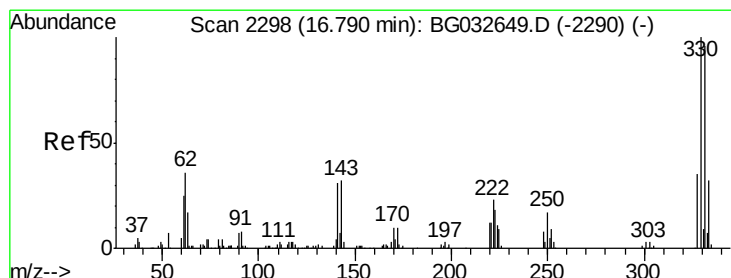
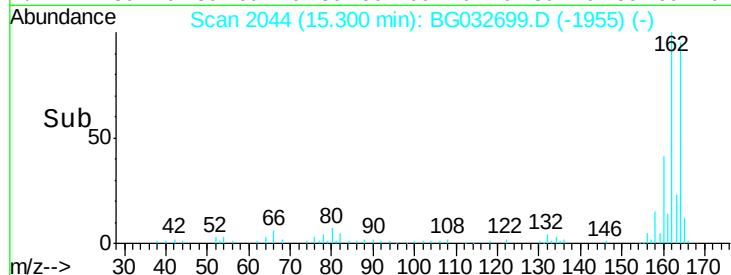
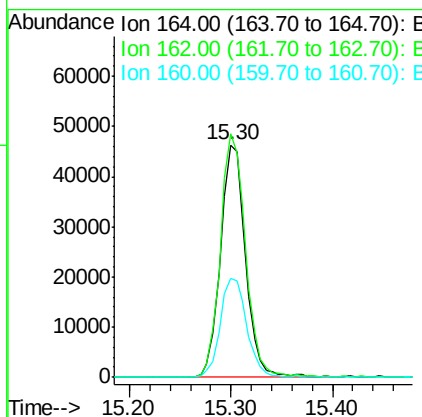
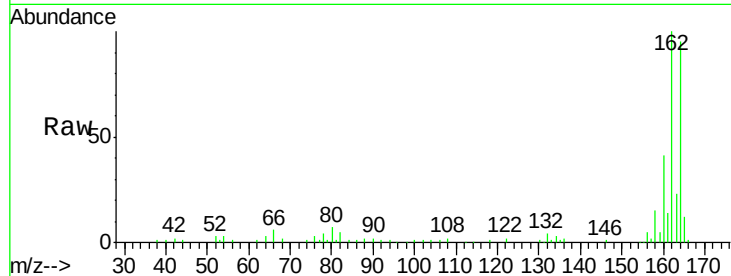




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG032699.D
 Acq: 15 Feb 2018 4:01

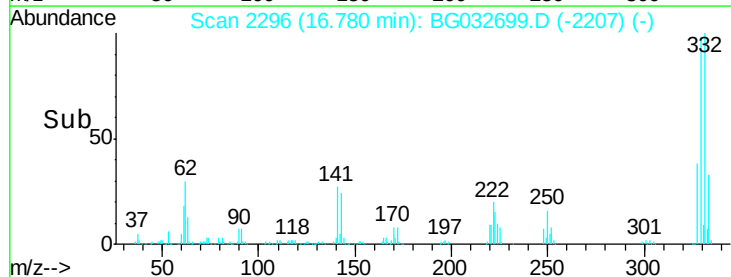
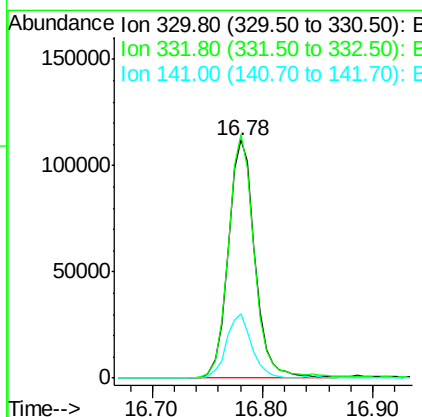
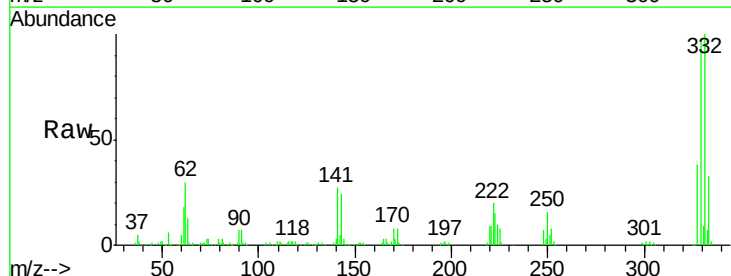
Instrument :
 BNA_G
 ClientSampleId :
 WC-01

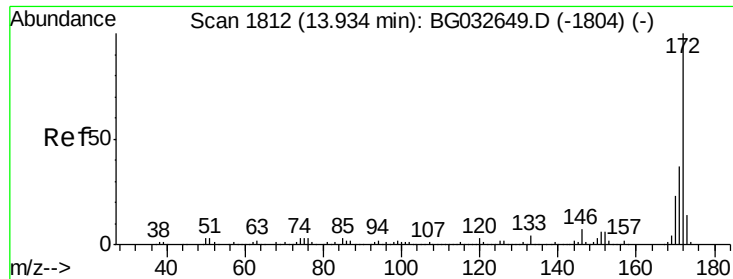
Tot Ion:164 Resp: 79229
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 42.7 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 155.678 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG032699.D
 Acq: 15 Feb 2018 4:01

Tgt Ion:330 Resp: 189921
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.0 115.6
 141 25.5 25.2 37.8

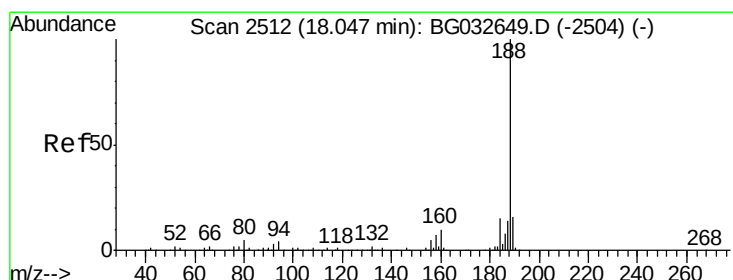
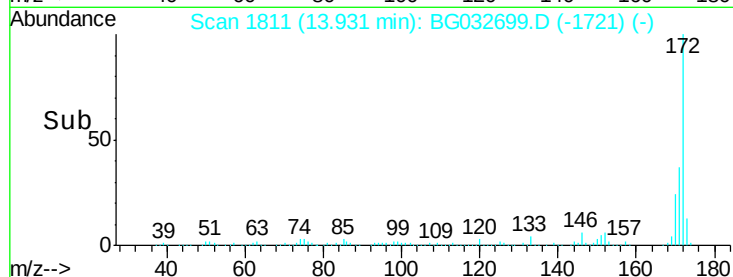
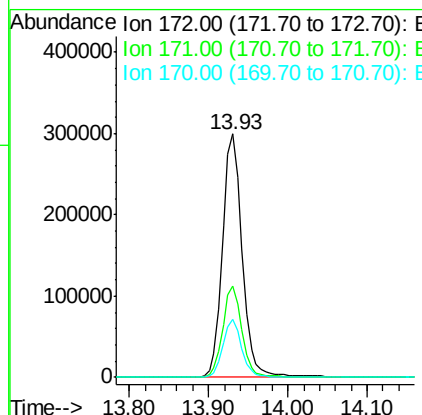
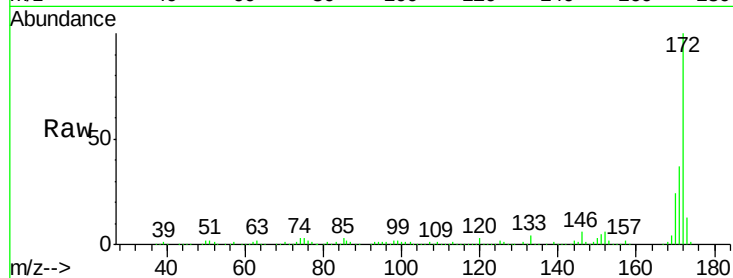




#44
 2-Fluorobiphenyl
 Concen: 81.718 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG032699.D
 Acq: 15 Feb 2018 4:01

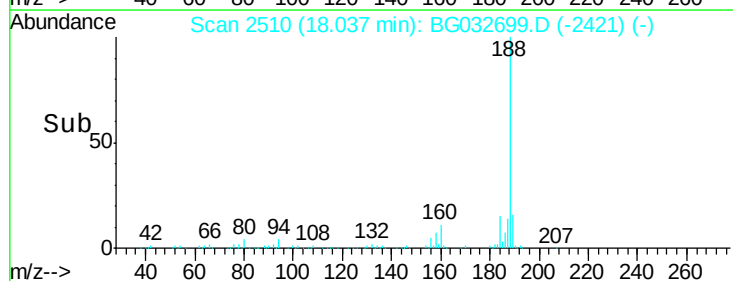
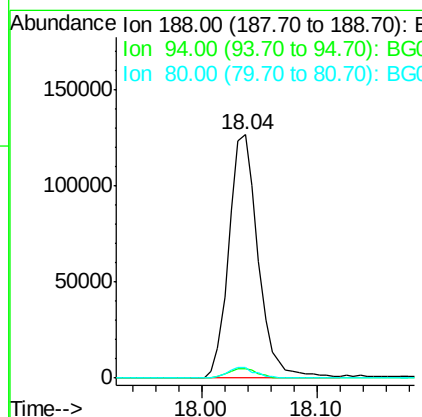
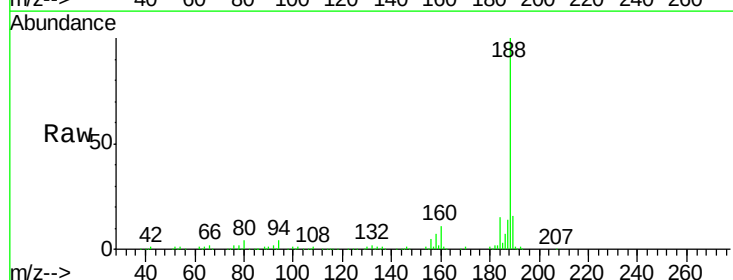
Instrument :
 BNA_G
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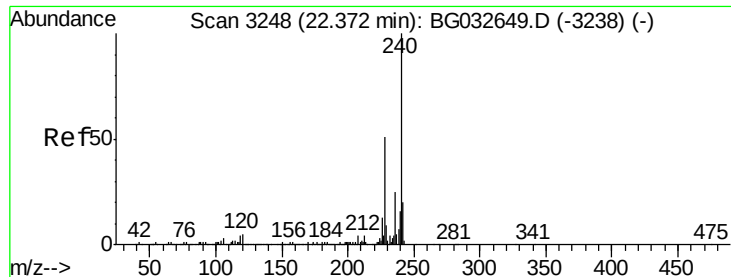
Tot Ion:172 Resp: 517739
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.04 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG032699.D
 Acq: 15 Feb 2018 4:01

Tgt Ion:188 Resp: 222976
 Ion Ratio Lower Upper
 188 100
 94 4.1 6.9 10.3#
 80 4.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.36 min Scan# 3245

Delta R.T. -0.02 min

Lab File: BG032699.D

Acq: 15 Feb 2018 4:01

Instrument :

BNA_G

ClientSampleId :

WC-01

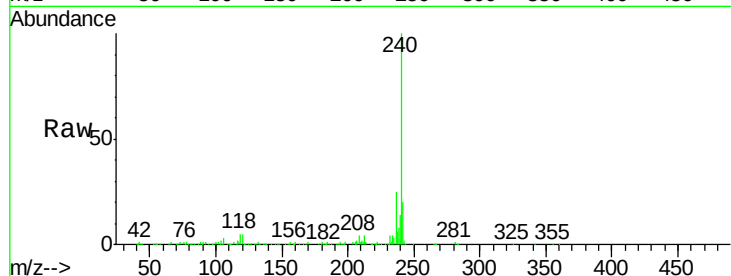
Tot Ion:240 Resp: 220081

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

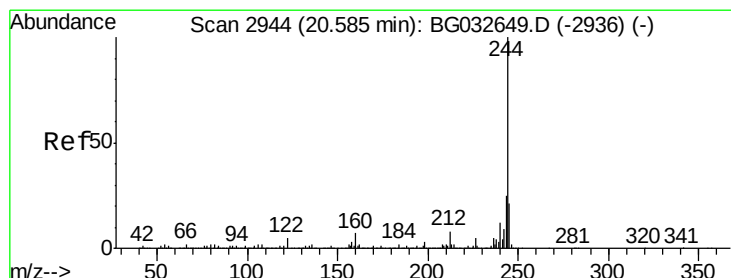
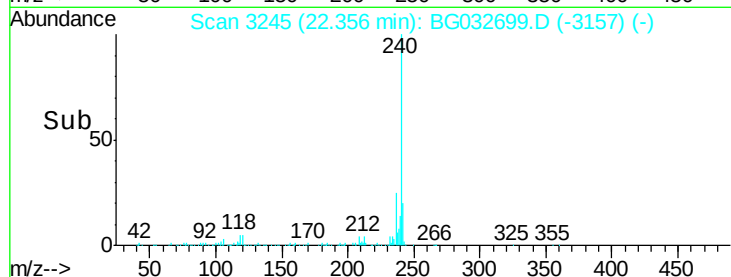
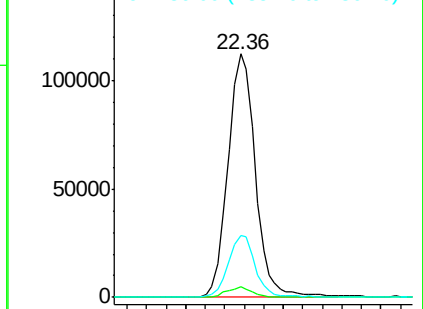
236 25.5 20.9 31.3



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: 106.337 ng

RT: 20.58 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BG032699.D

Acq: 15 Feb 2018 4:01

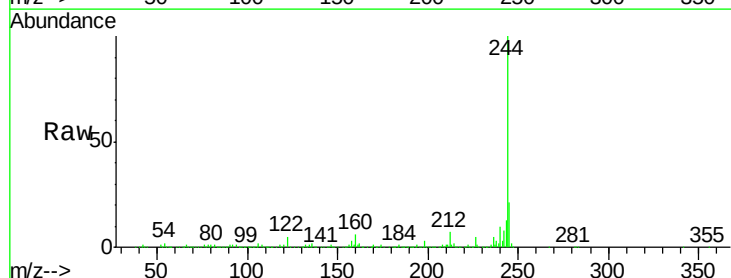
Tgt Ion:244 Resp: 1026792

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

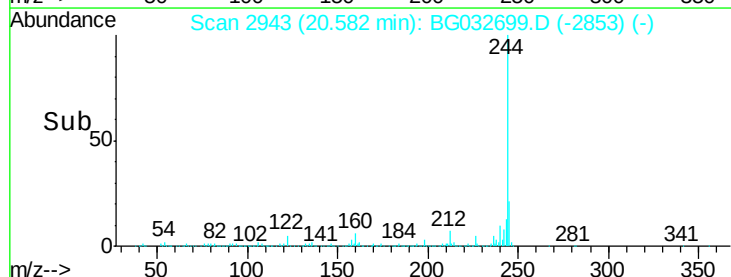
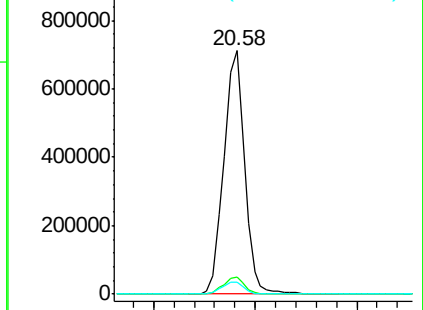
122 4.8 7.0 10.4#

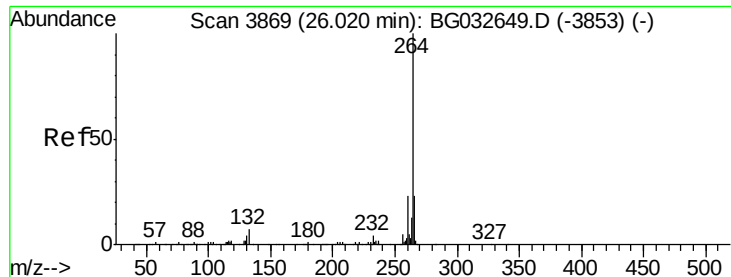


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

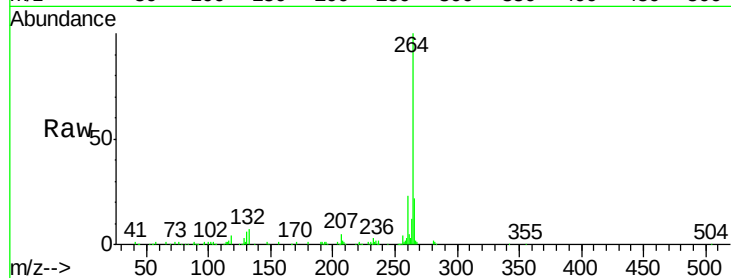




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.99 min Scan# 3864
Delta R.T. -0.03 min
Lab File: BG032699.D
Acq: 15 Feb 2018 4:01

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	22.4	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

