

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032719.D
 Acq On : 15 Feb 2018 18:32
 Operator : SJ/JU
 Sample : J1393-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-C

Quant Time: Feb 16 02:45:37 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	8.63	152	20689	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	78868	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	54116	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	149411	20.00	ng	-0.04
75) Chrysene-d12	22.32	240	248979	20.00	ng	-0.05
86) Perylene-d12	25.94	264	345097	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	134226	130.17	ng	-0.04
7) Phenol-d6	7.75	99	135127	95.83	ng	-0.04
23) Nitrobenzene-d5	9.82	82	110295	88.88	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	168351	202.04	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	403342	93.21	ng	-0.04
78) Terphenyl-d14	20.56	244	964877	88.33	ng	-0.03

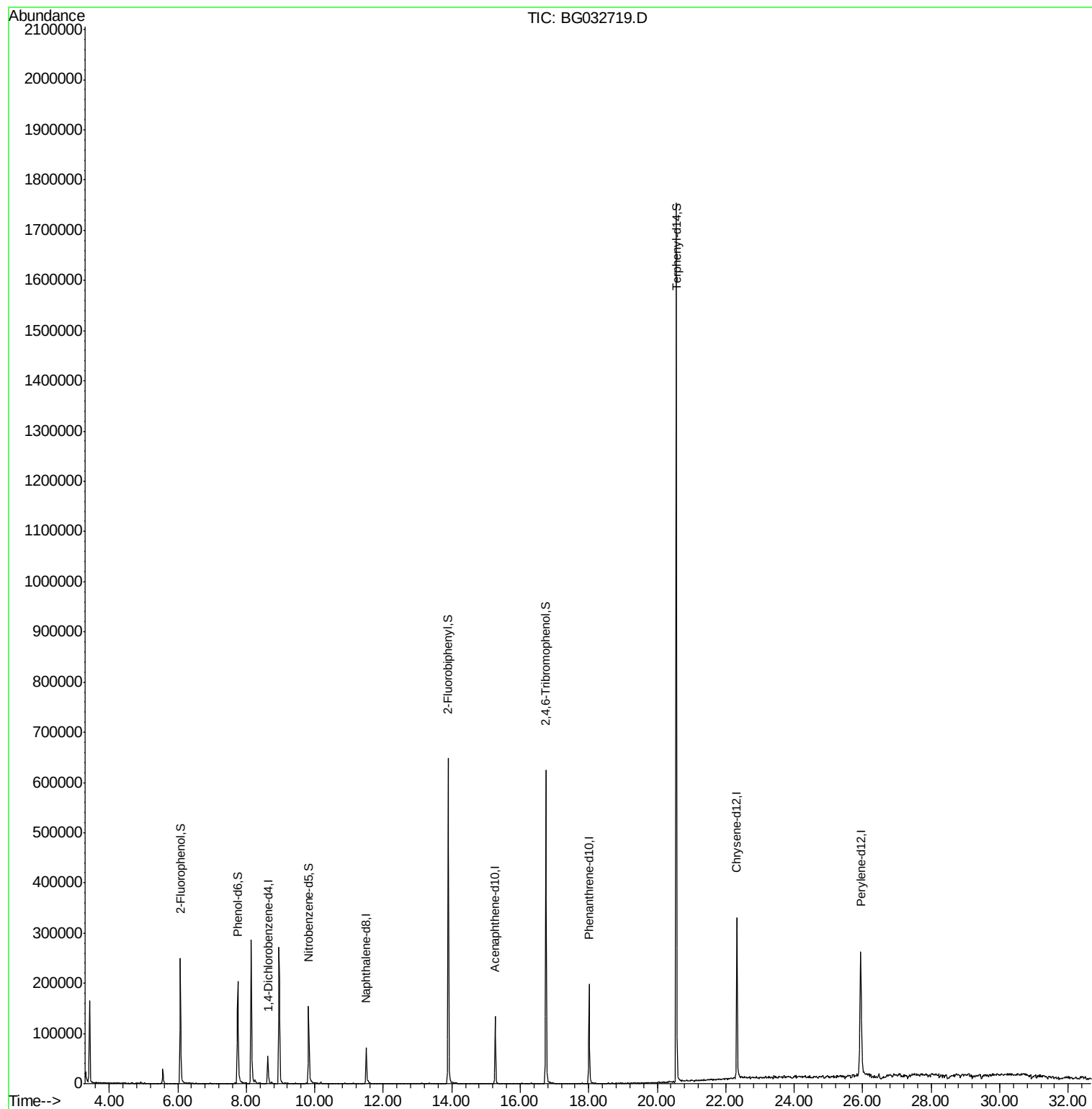
Target Compounds Qvalue

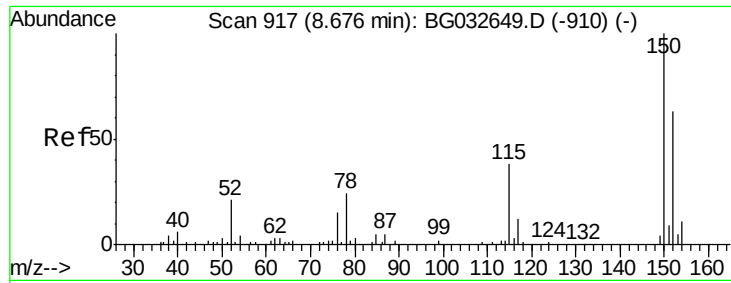
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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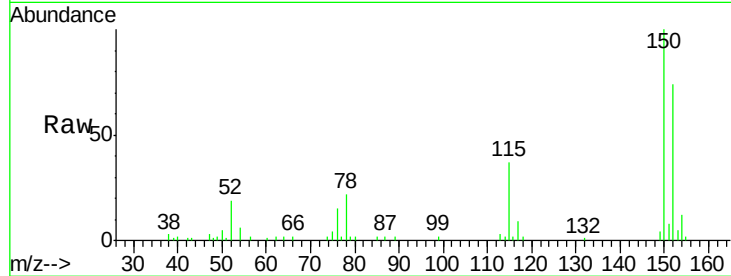


#1

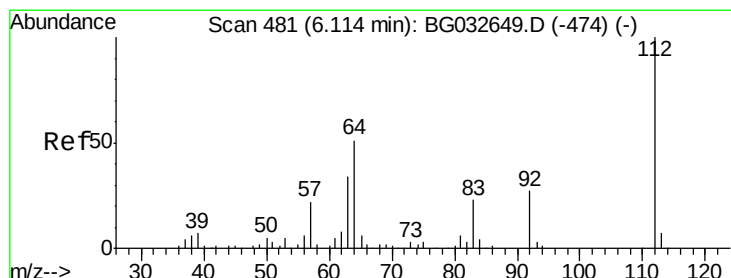
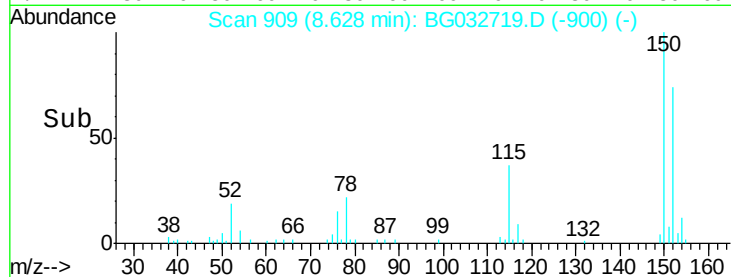
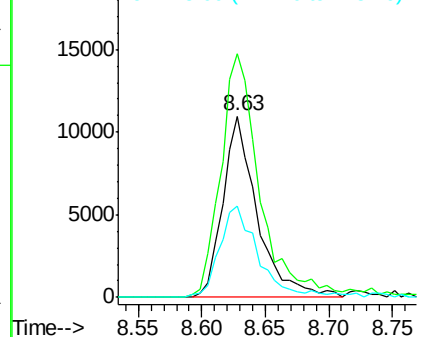
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032719.D
Acq: 15 Feb 2018 18:32

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-C

Tot Ion:152 Resp: 20689
Ion Ratio Lower Upper
152 100
150 134.3 126.6 189.8
115 50.0 53.0 79.4#



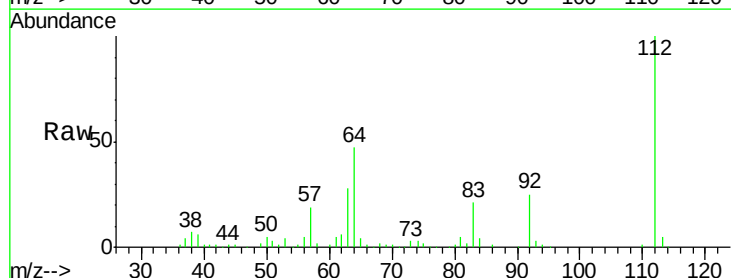
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



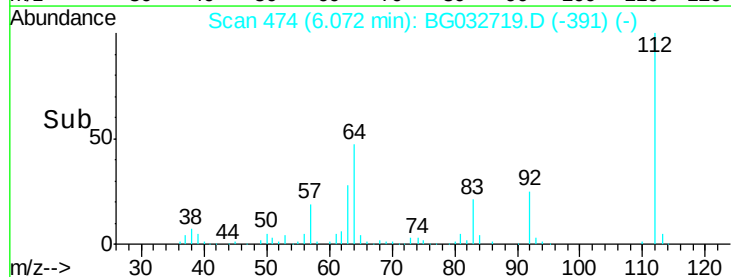
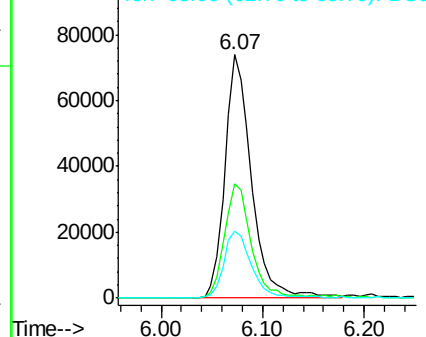
#5

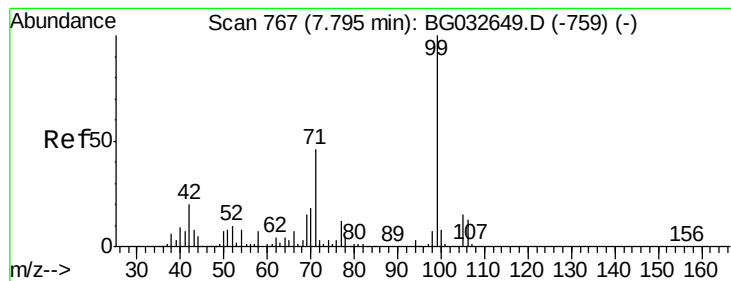
2-Fluorophenol
Concen: 130.168 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032719.D
Acq: 15 Feb 2018 18:32

Tgt Ion:112 Resp: 134226
Ion Ratio Lower Upper
112 100
64 46.9 56.3 84.5#
63 27.7 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: 95.833 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.04 min

Lab File: BG032719.D

Acq: 15 Feb 2018 18:32

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-C

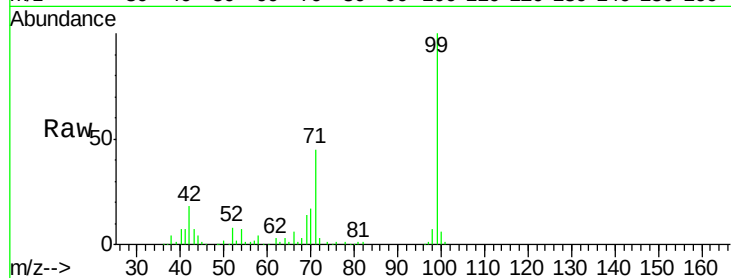
Tot Ion: 99 Resp: 135127

Ion Ratio Lower Upper

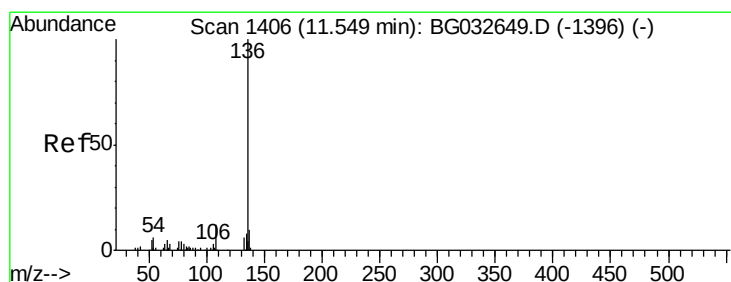
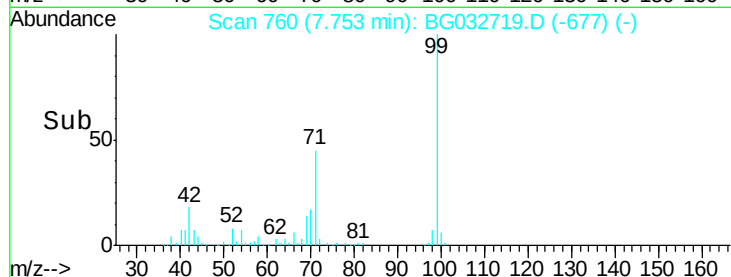
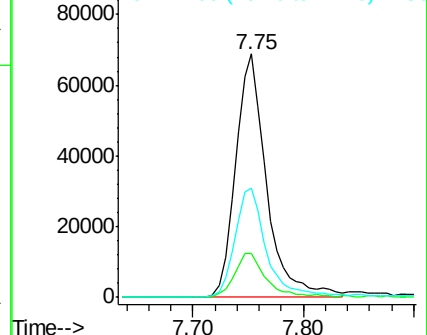
99 100

42 18.1 14.1 21.1

71 45.0 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: 11.50 min Scan# 1398

Delta R.T. -0.05 min

Lab File: BG032719.D

Acq: 15 Feb 2018 18:32

Tgt Ion:136 Resp: 78868

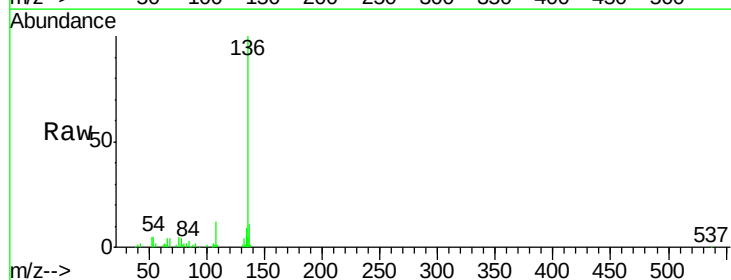
Ion Ratio Lower Upper

136 100

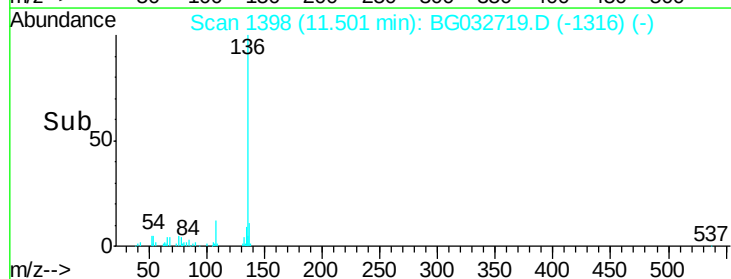
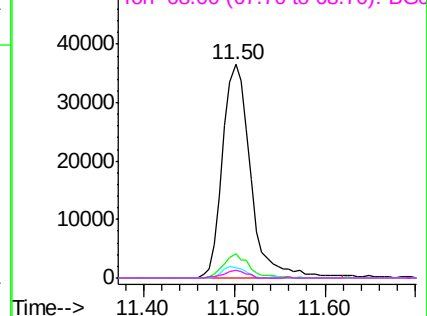
137 11.4 9.2 13.8

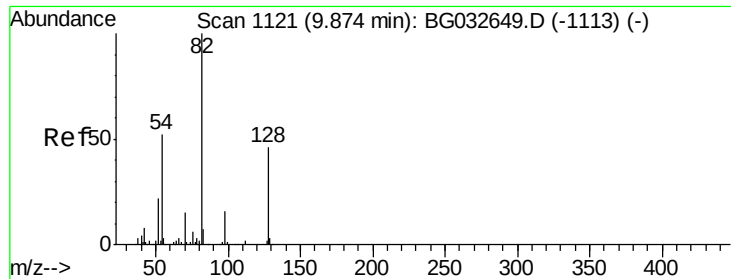
54 5.1 10.3 15.5#

68 3.6 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

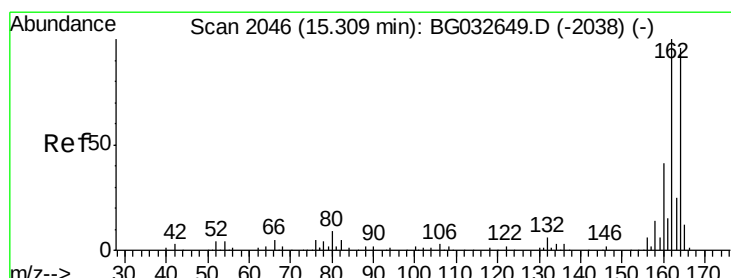
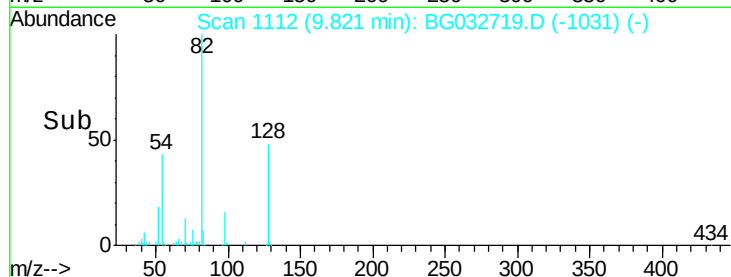
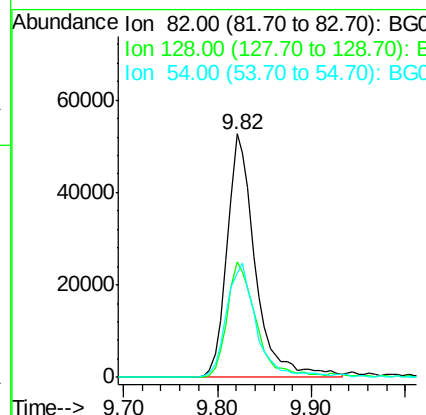
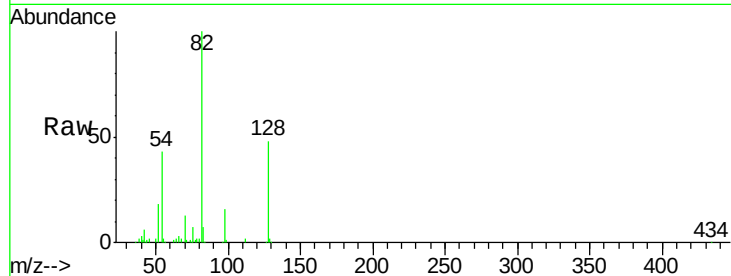




#23
Nitrobenzene-d5
Concen: 88.880 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BG032719.D
Acq: 15 Feb 2018 18:32

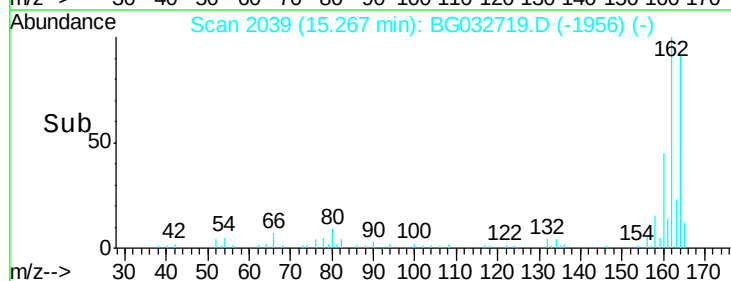
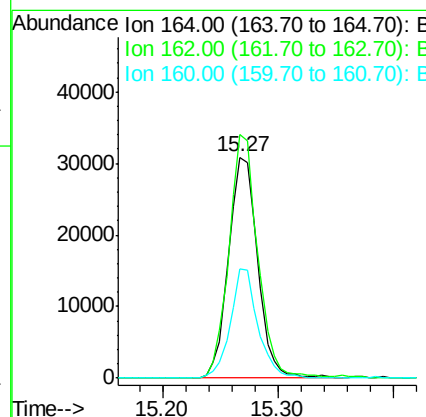
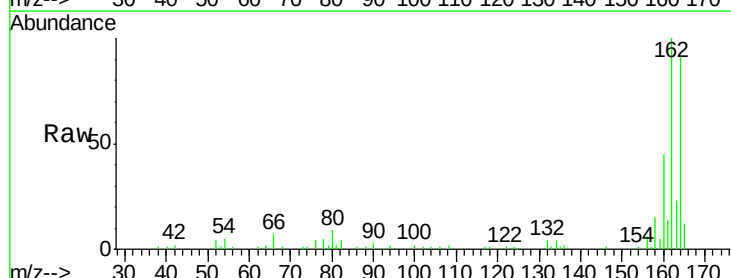
Instrument :
BNA_G
ClientSampleId :
HR-06-021418-C

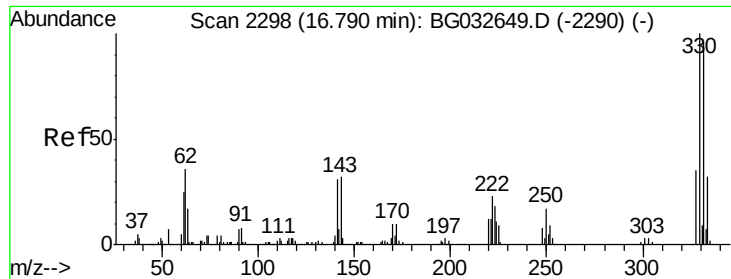
Tot Ion: 82 Resp: 110295
Ion Ratio Lower Upper
82 100
128 47.7 29.7 44.5#
54 42.9 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.04 min
Lab File: BG032719.D
Acq: 15 Feb 2018 18:32

Tgt Ion: 164 Resp: 54116
Ion Ratio Lower Upper
164 100
162 110.2 78.8 118.2
160 49.6 35.4 53.0

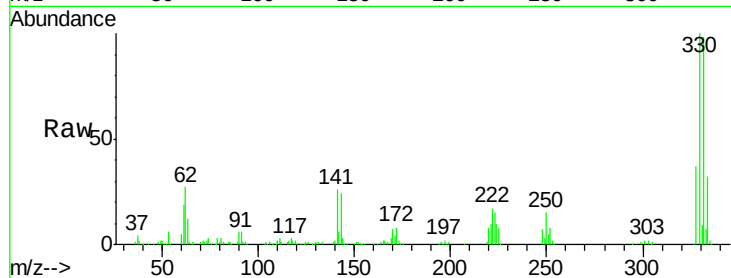




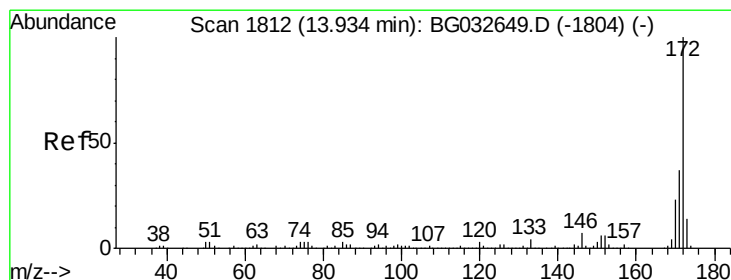
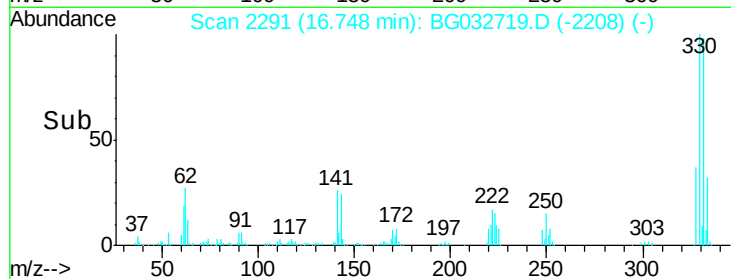
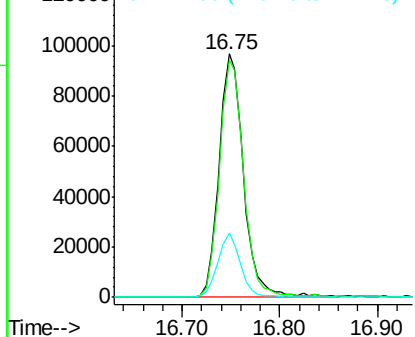
#41
 2,4,6-Tribromophenol
 Concen: 202.036 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.04 min
 Lab File: BG032719.D
 Acq: 15 Feb 2018 18:32

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-C

Tot Ion:330 Resp: 168351
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 24.7 25.2 37.8#

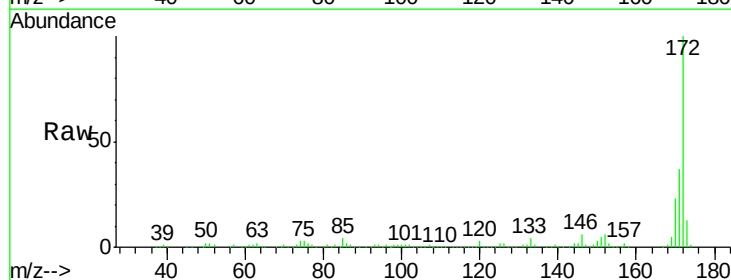


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

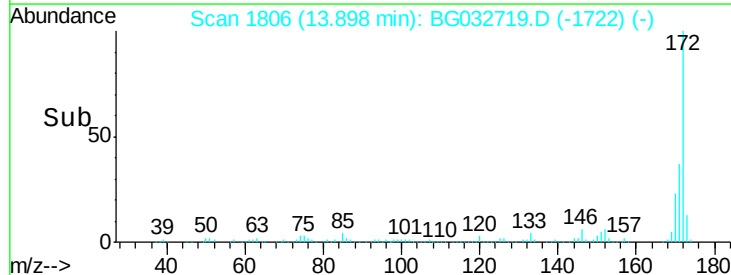
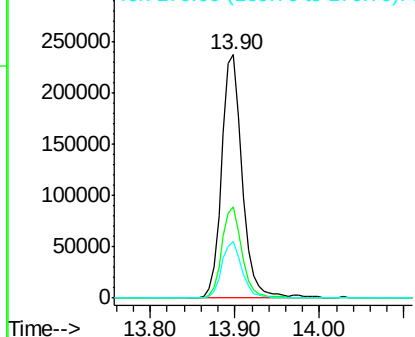


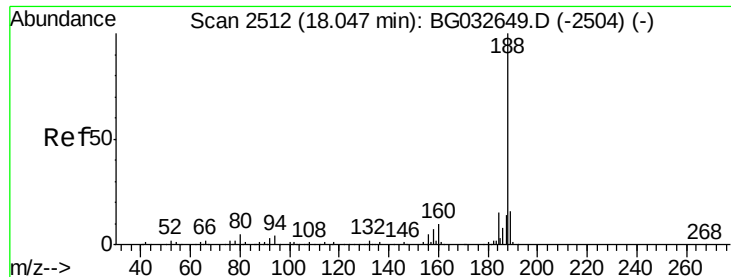
#44
 2-Fluorobiphenyl
 Concen: 93.205 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: BG032719.D
 Acq: 15 Feb 2018 18:32

Tgt Ion:172 Resp: 403342
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.3 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: 18.01 min Scan# 2505

Delta R.T. -0.04 min

Lab File: BG032719.D

Acq: 15 Feb 2018 18:32

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-C

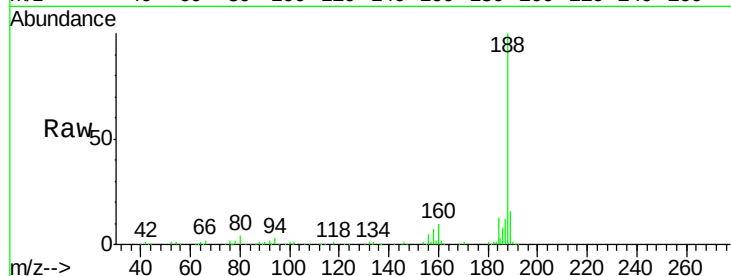
Tot Ion:188 Resp: 149411

Ion Ratio Lower Upper

188 100

94 3.3 6.9 10.3#

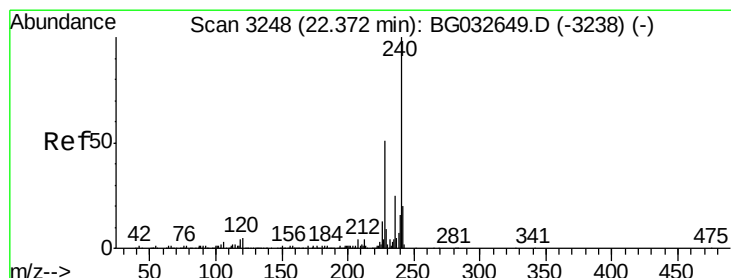
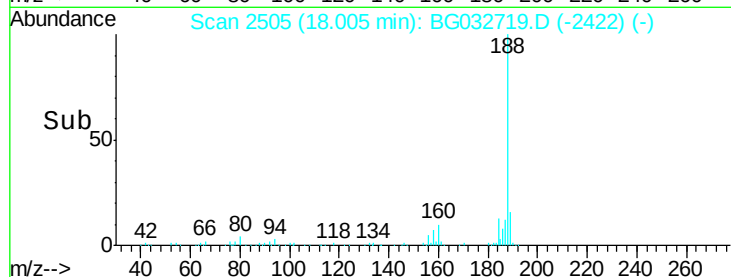
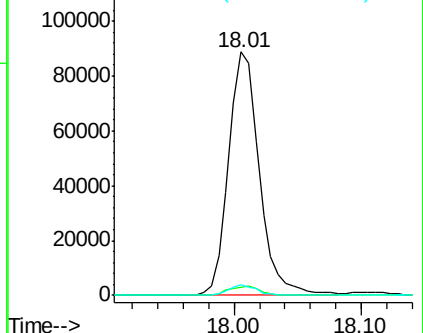
80 4.2 7.7 11.5#



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: 22.32 min Scan# 3240

Delta R.T. -0.05 min

Lab File: BG032719.D

Acq: 15 Feb 2018 18:32

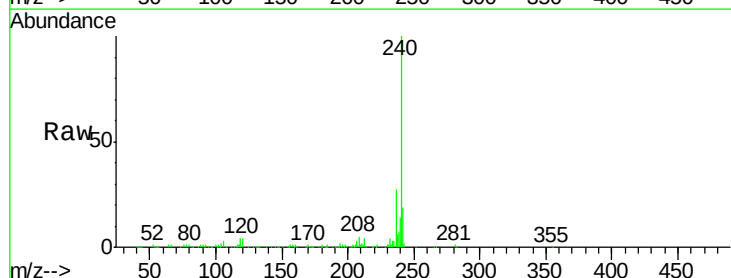
Tgt Ion:240 Resp: 248979

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

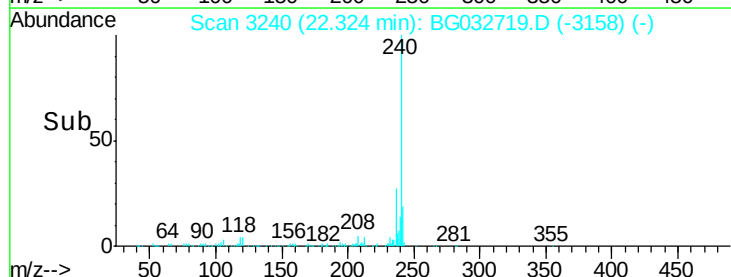
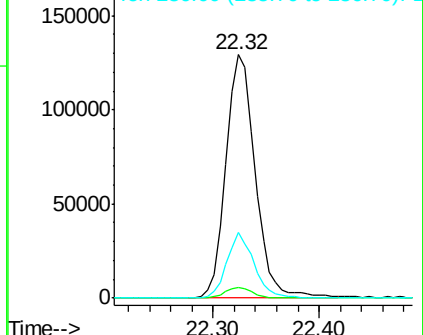
236 26.9 20.9 31.3

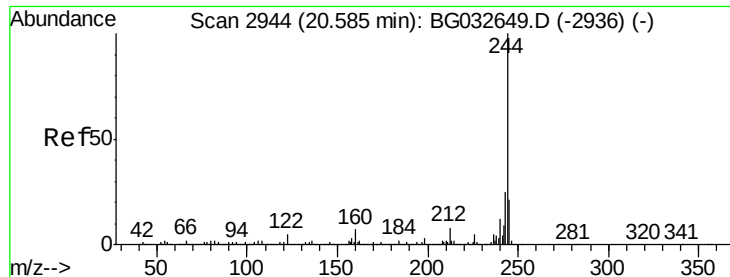


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.327 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032719.D

Acq: 15 Feb 2018 18:32

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-C

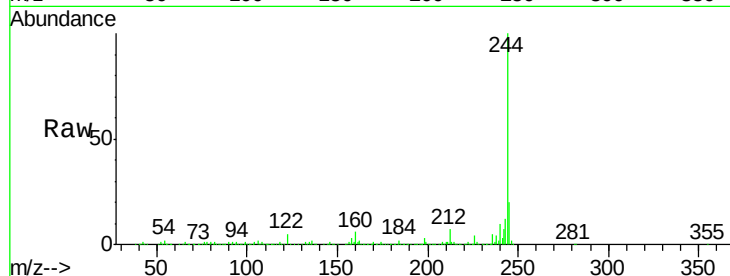
Tot Ion:244 Resp: 964877

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

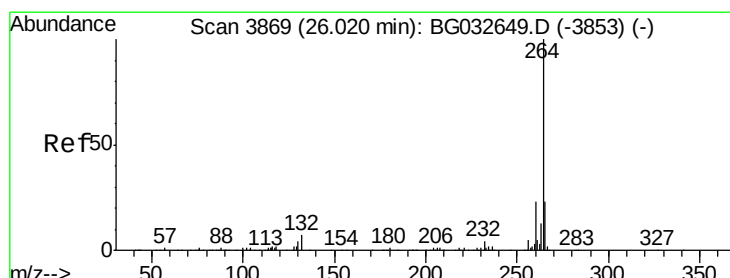
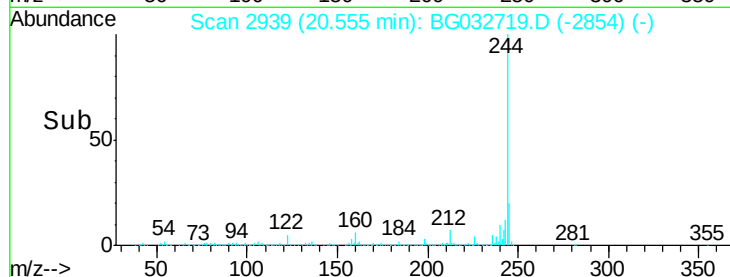
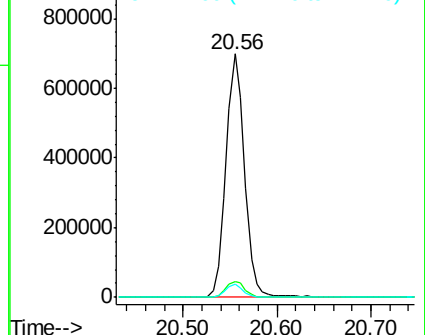
122 5.2 7.0 10.4#



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: 25.94 min Scan# 3855

Delta R.T. -0.08 min

Lab File: BG032719.D

Acq: 15 Feb 2018 18:32

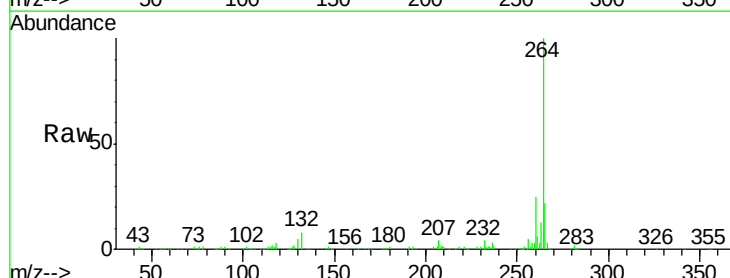
Tgt Ion:264 Resp: 345097

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 22.3 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

