

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032603.D
 Acq On : 7 Feb 2018 20:58
 Operator : SJ/JU
 Sample : J1465-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3451

Quant Time: Feb 08 03:40:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	15046	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	78523	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	43180	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	158697	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	188025	20.00	ng	0.00
86) Perylene-d12	26.07	264	210267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	125213	167.15	ng	-0.01
7) Phenol-d6	7.81	99	133564	133.62	ng	-0.01
23) Nitrobenzene-d5	9.88	82	98927	78.69	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	147982	180.04	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	481657	132.58	ng	-0.02
78) Terphenyl-d14	20.61	244	968238	110.31	ng	0.00

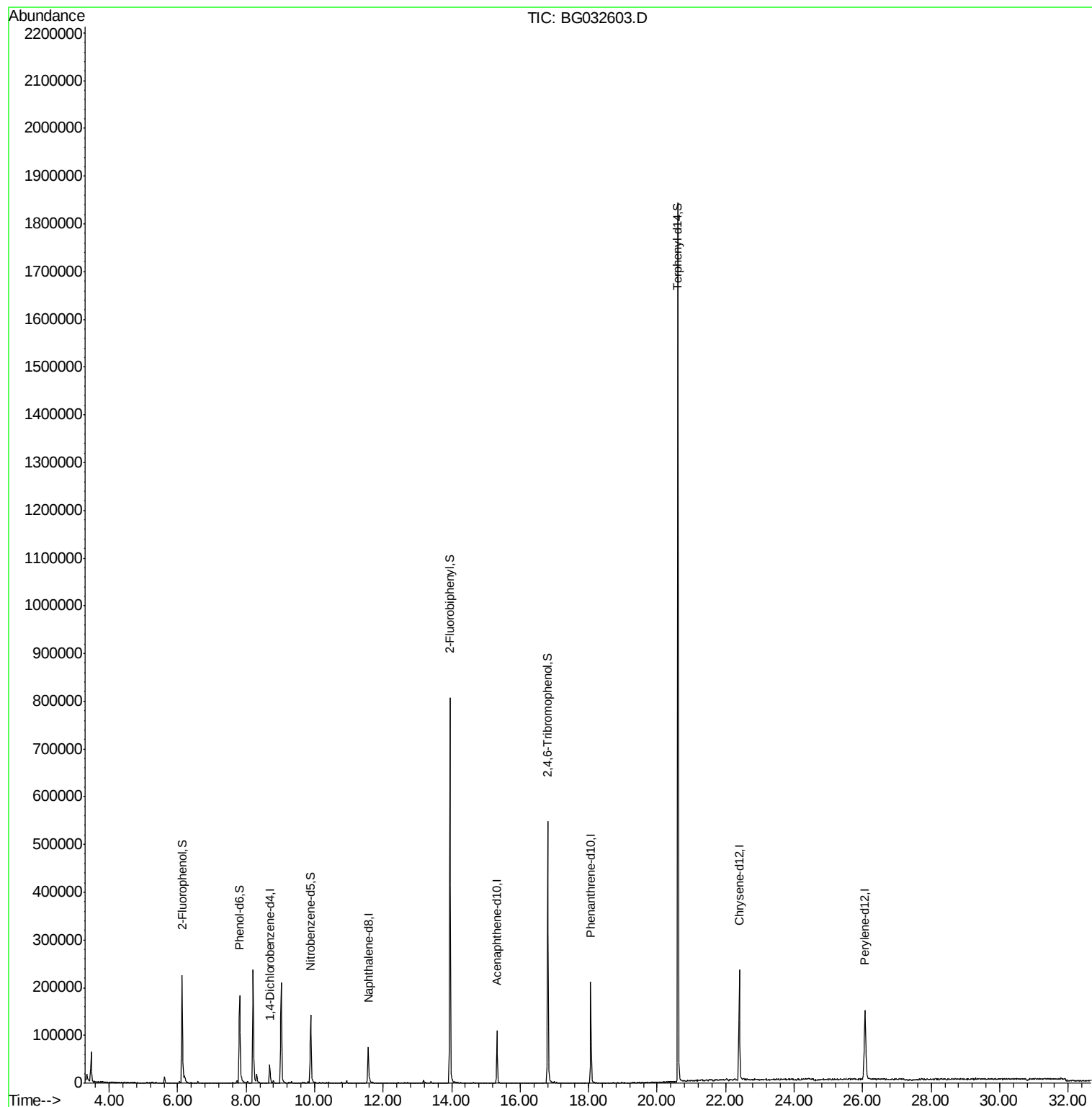
Target Compounds Qvalue

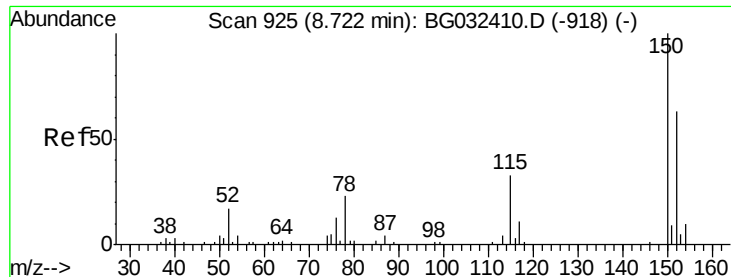
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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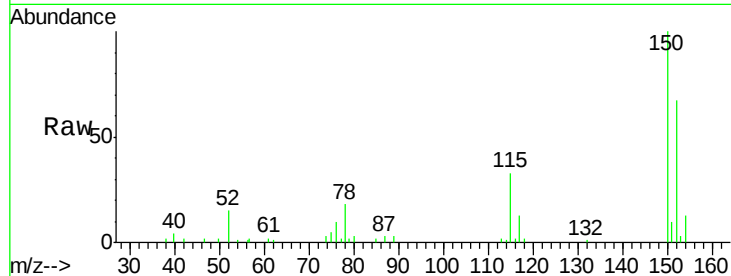


#1

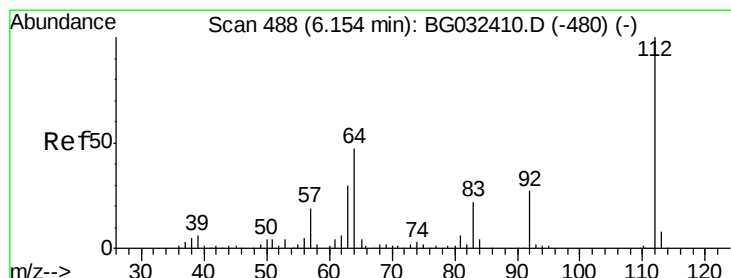
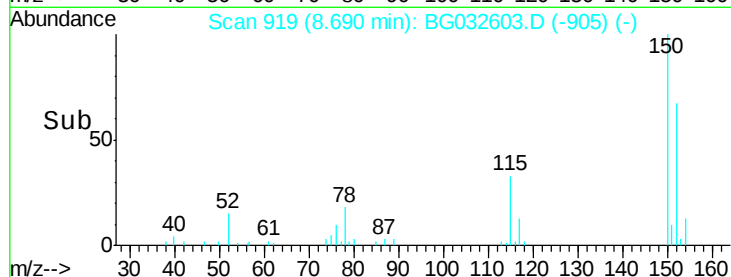
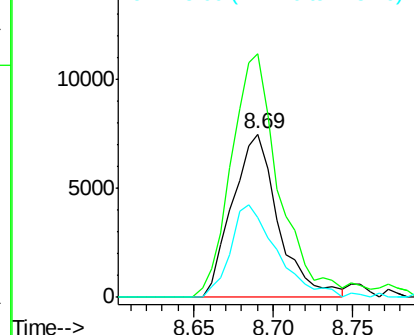
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.69 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: BG032603.D
 Acq: 7 Feb 2018 20:58

Instrument :
 BNA_G
 ClientSampleId :
 RT-3451

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	126.6	189.8
115	49.1	53.0	79.4



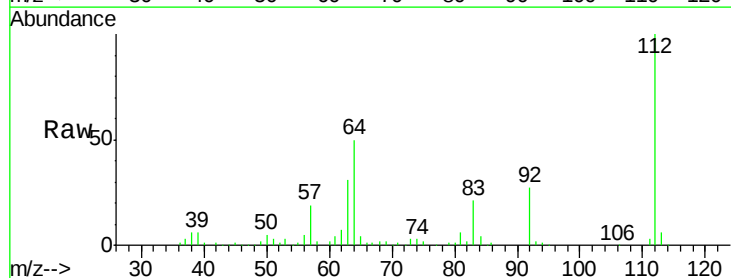
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



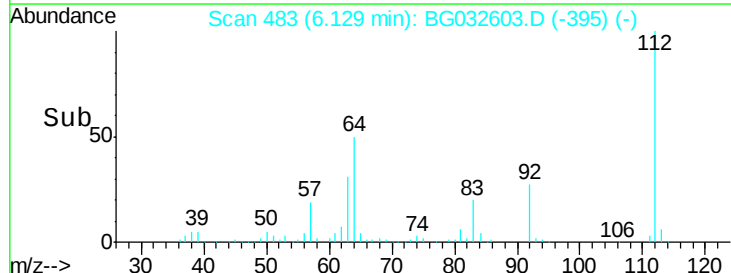
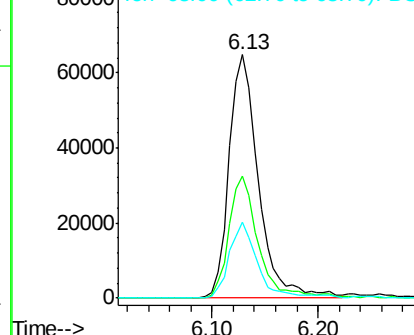
#5

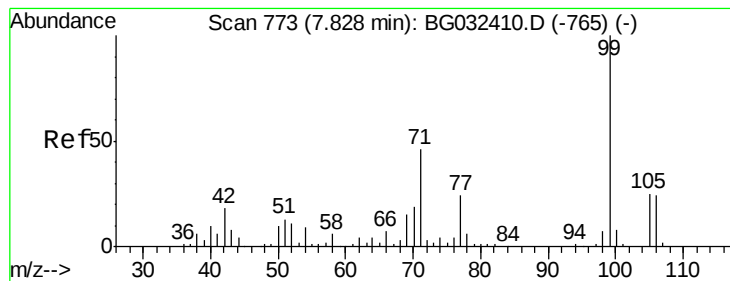
2-Fluorophenol
 Concen: 167.152 ng
 RT: 6.13 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BG032603.D
 Acq: 7 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	56.3	84.5
63	31.4	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: 133.617 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG032603.D

Acq: 7 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

RT-3451

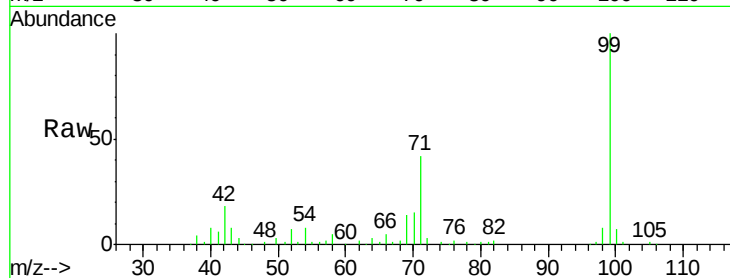
Tot Ion: 99 Resp: 133564

Ion Ratio Lower Upper

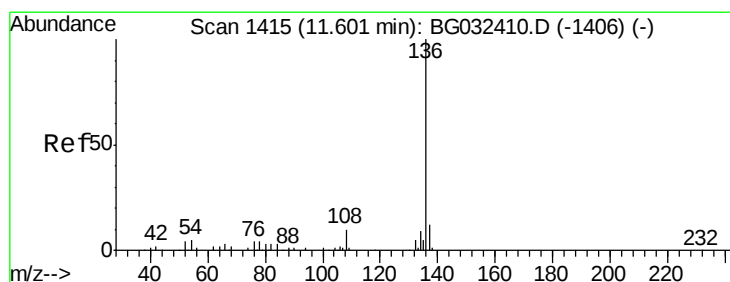
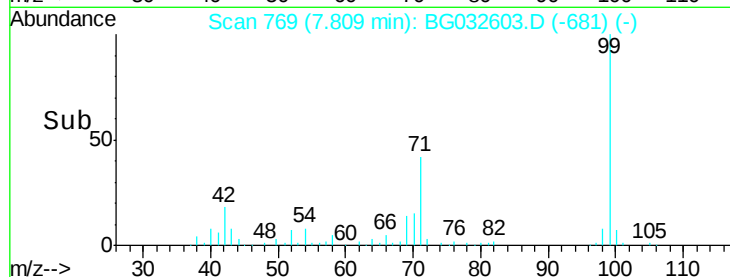
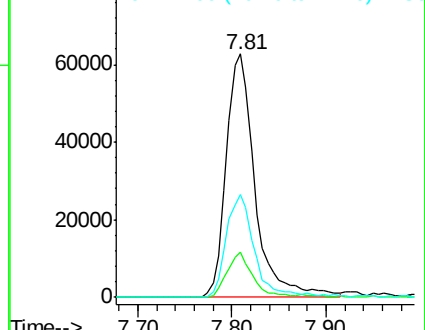
99 100

42 18.3 14.1 21.1

71 42.3 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: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032603.D

Acq: 7 Feb 2018 20:58

Tgt Ion: 136 Resp: 78523

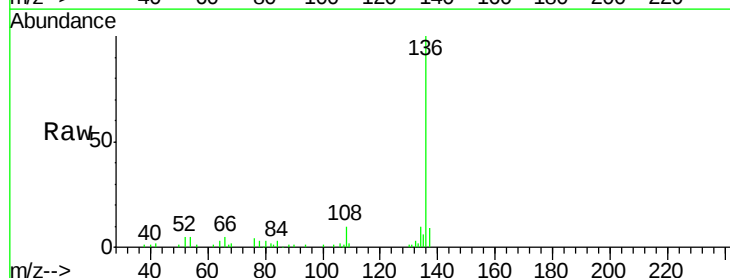
Ion Ratio Lower Upper

136 100

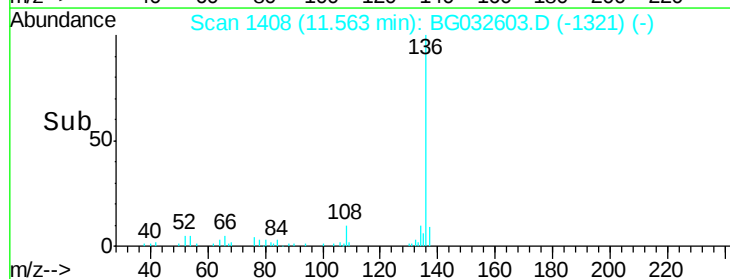
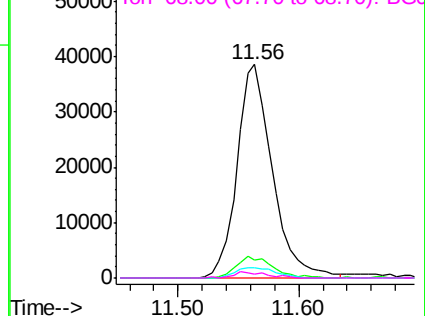
137 8.7 9.2 13.8#

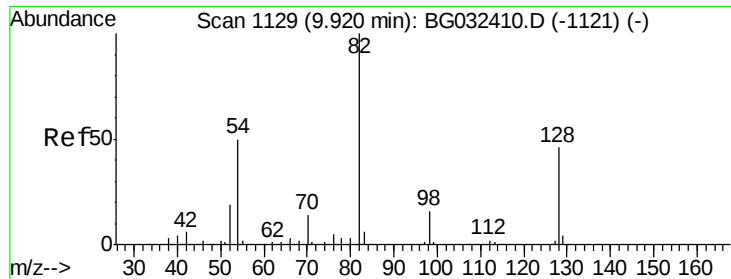
54 5.1 10.3 15.5#

68 1.7 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

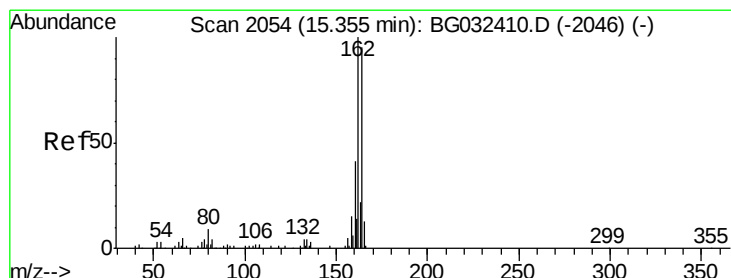
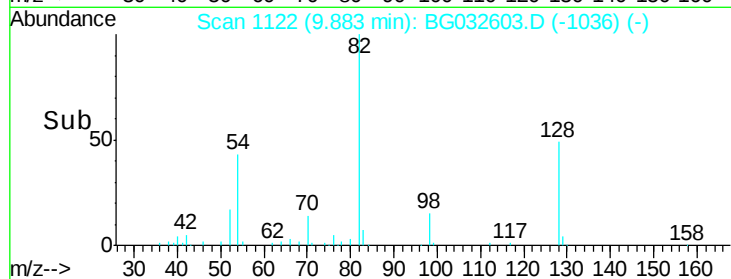
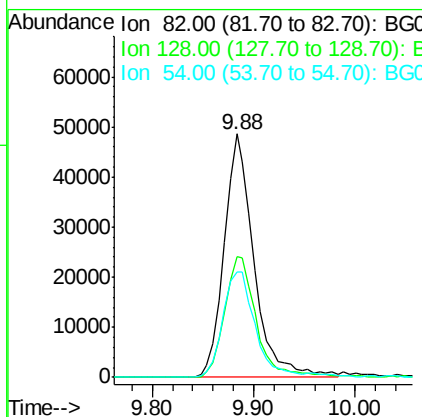
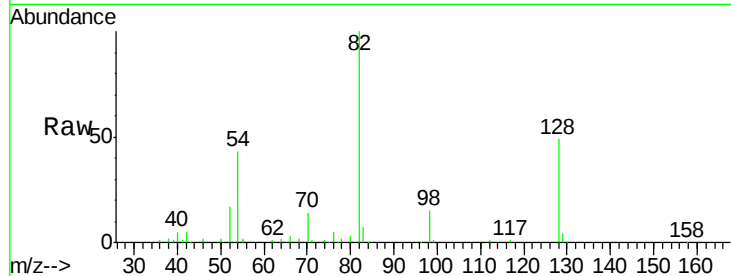




#23
Nitrobenzene-d5
Concen: 78.691 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

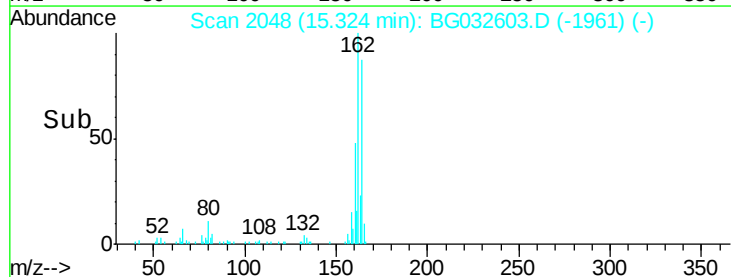
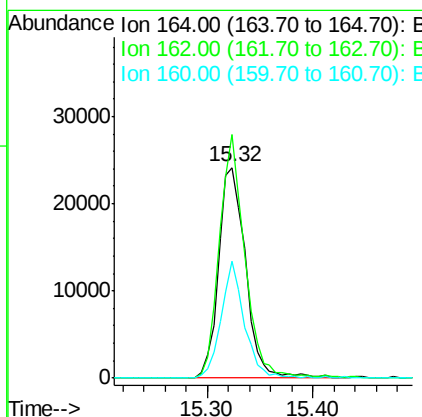
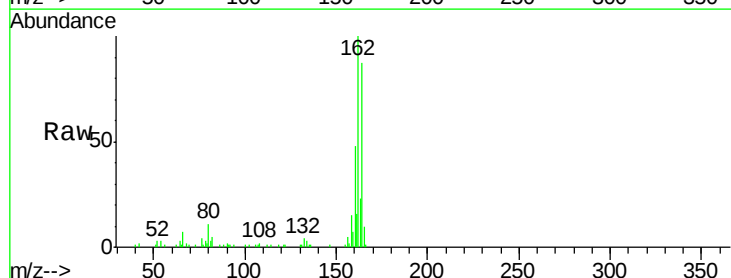
Instrument :
BNA_G
ClientSampleId :
RT-3451

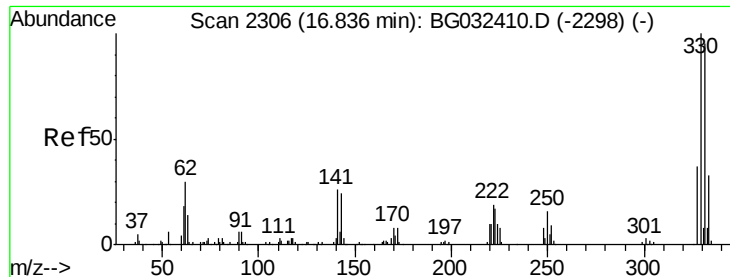
Tot Ion: 82 Resp: 98927
Ion Ratio Lower Upper
82 100
128 49.5 29.7 44.5#
54 43.4 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion:164 Resp: 43180
Ion Ratio Lower Upper
164 100
162 115.6 78.8 118.2
160 55.4 35.4 53.0#

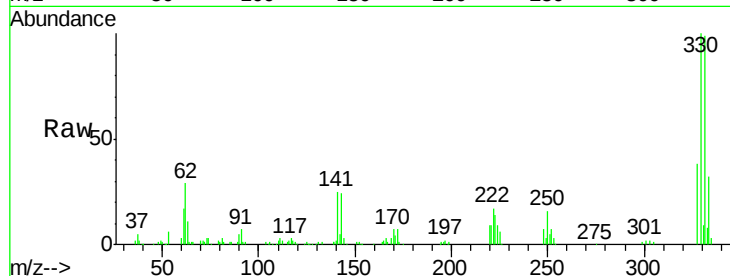




#41
 2,4,6-Tribromophenol
 Concen: 180.042 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG032603.D
 Acq: 7 Feb 2018 20:58

Instrument :
 BNA_G
 ClientSampleId :
 RT-3451

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	24.5	25.2	37.8#

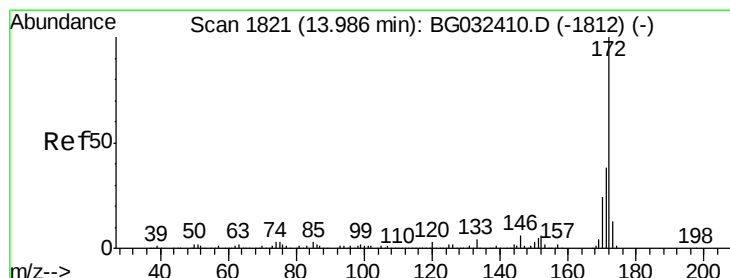
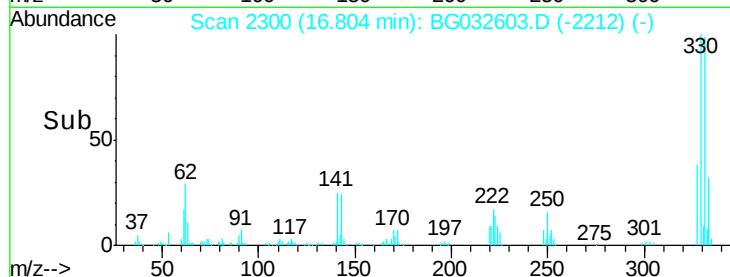
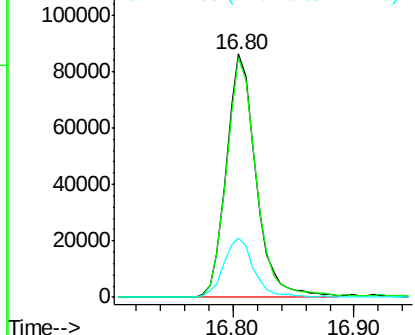


Abundance

Ion 329.80 (329.50 to 330.50): E

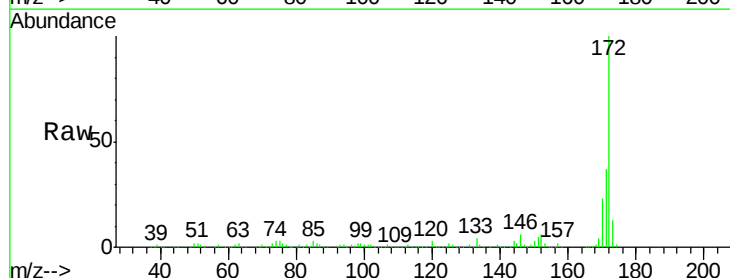
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 132.580 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032603.D
 Acq: 7 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.2	19.5	29.3

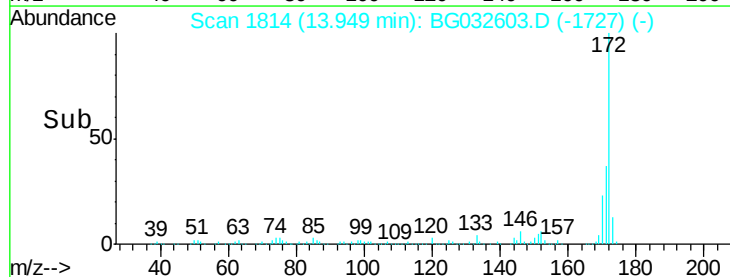
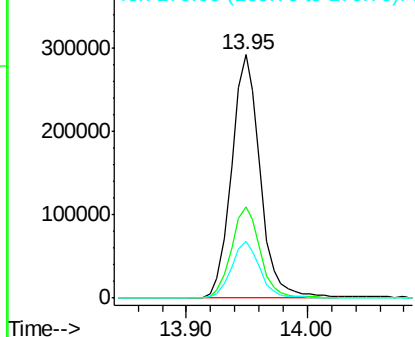


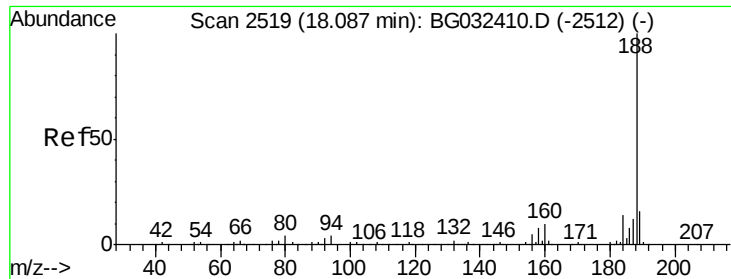
Abundance

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

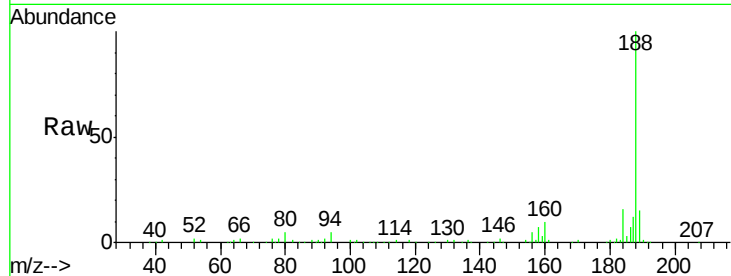




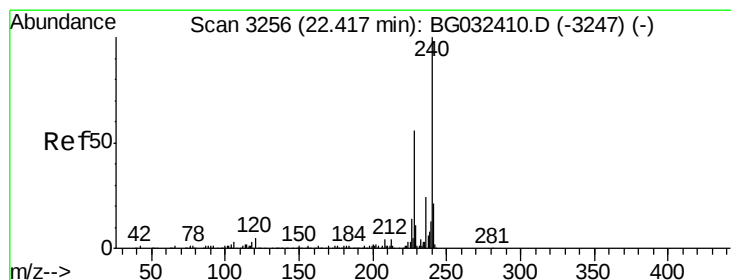
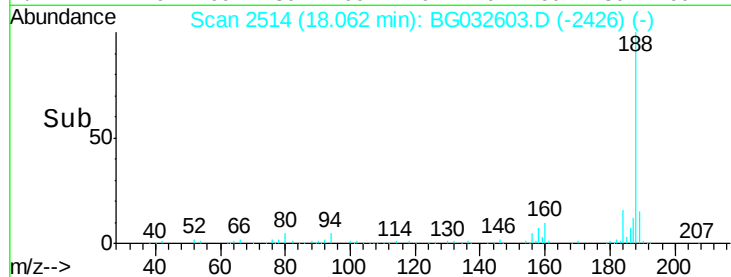
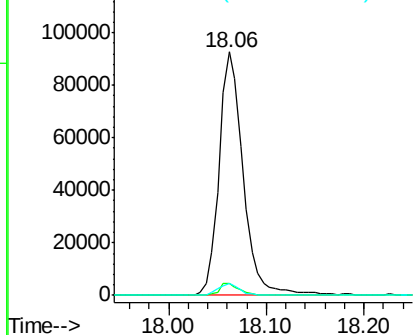
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tot Ion:188 Resp: 158697
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 4.9 7.7 11.5#

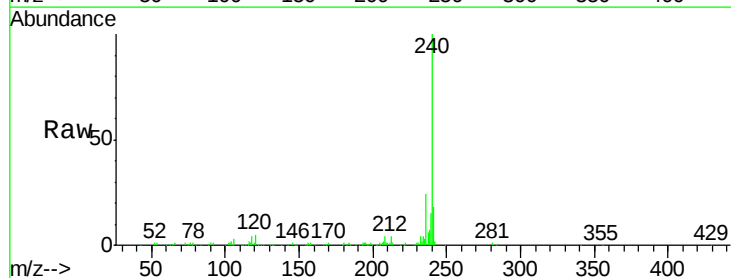


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

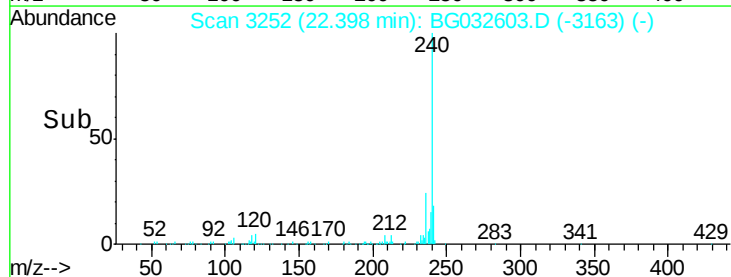
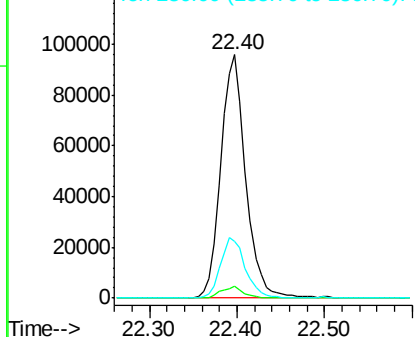


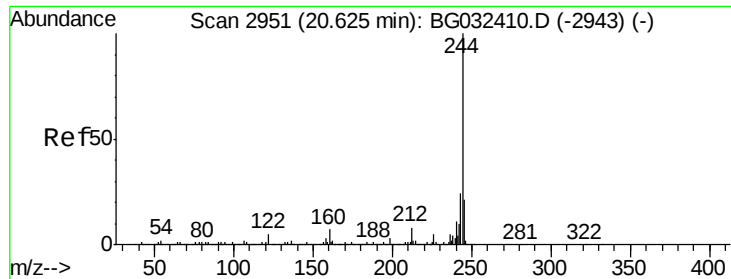
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion:240 Resp: 188025
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 23.5 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: 110.307 ng

RT: 20.61 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032603.D

Acq: 7 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

RT-3451

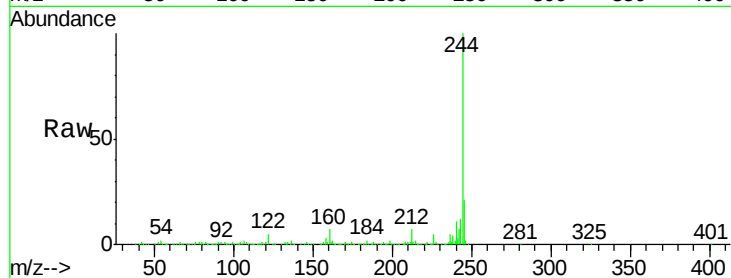
Tot Ion:244 Resp: 968238

Ion Ratio Lower Upper

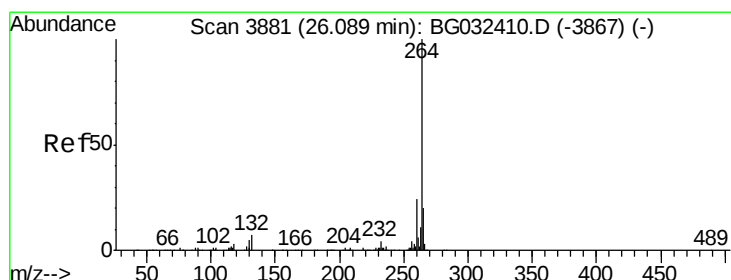
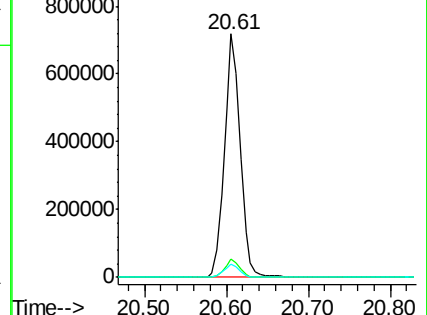
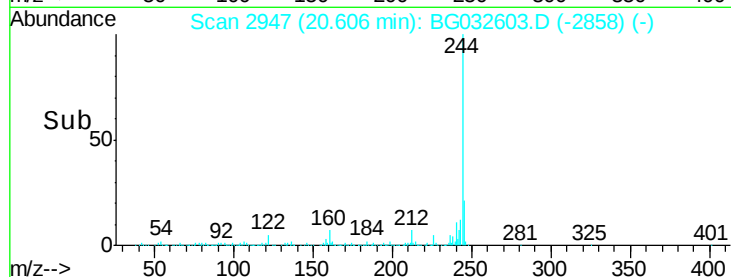
244 100

212 7.4 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: 26.07 min Scan# 3877

Delta R.T. 0.00 min

Lab File: BG032603.D

Acq: 7 Feb 2018 20:58

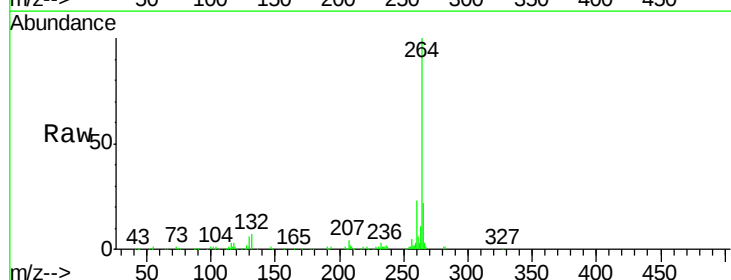
Tgt Ion:264 Resp: 210267

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.9 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

