

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032239.D
 Acq On : 23 Jan 2018 19:47
 Operator : SJ/JU
 Sample : J1230-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EXCAVATION

Quant Time: Jan 24 04:42:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	40586	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	172049	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	121772	20.00	ng	-0.02
63) Phenanthrene-d10	18.10	188	302709	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	392841	20.00	ng	-0.02
86) Perylene-d12	26.12	264	413051	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	133331	60.08	ng	-0.01
7) Phenol-d6	7.84	99	111625	39.94	ng	-0.01
23) Nitrobenzene-d5	9.92	82	247027	97.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.84	330	171579	85.15	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	892828	90.91	ng	-0.02
78) Terphenyl-d14	20.63	244	1670527	93.90	ng	-0.02

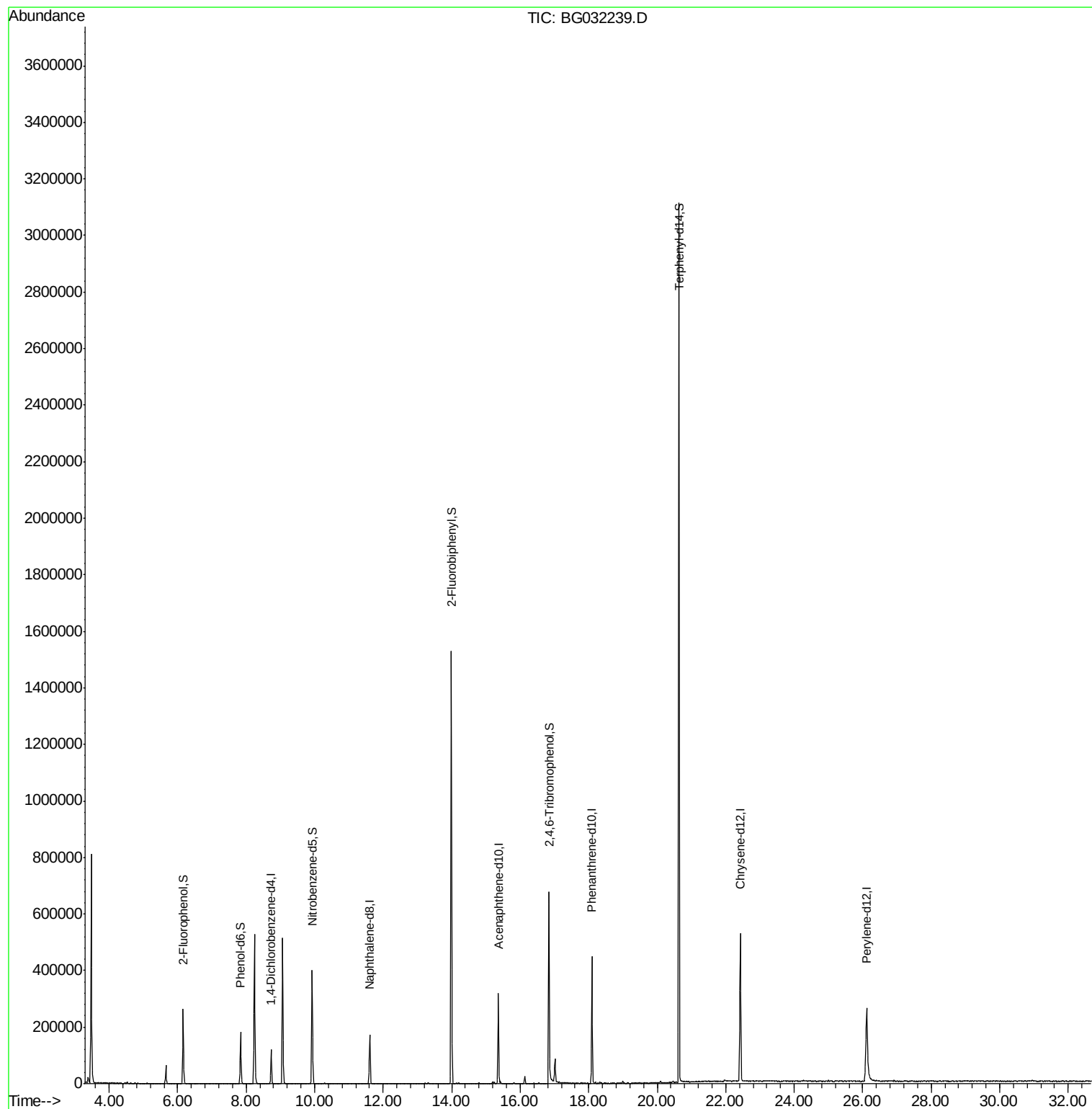
Target Compounds Qvalue

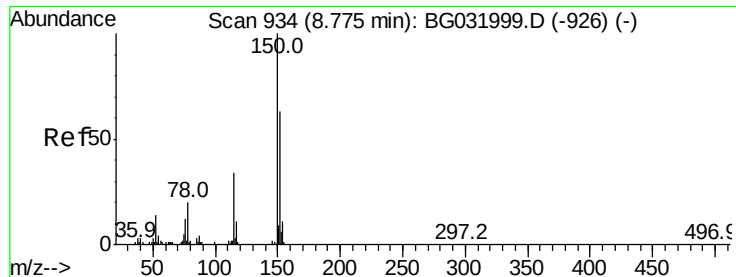
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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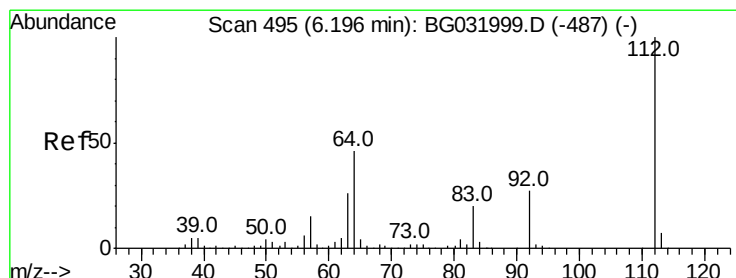
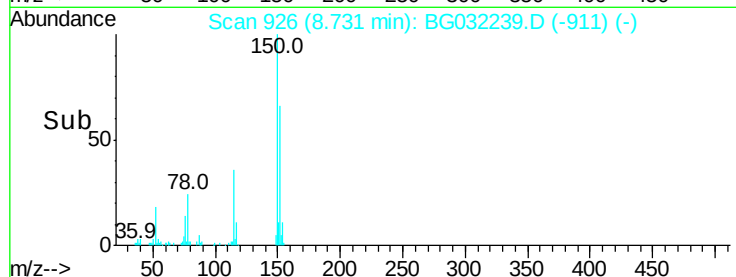
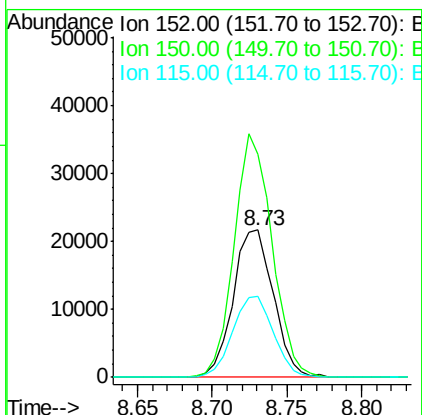
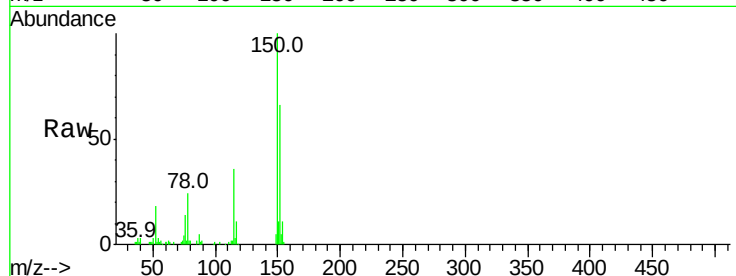


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG032239.D
Acq: 23 Jan 2018 19:47

Instrument :
BNA_G
ClientSampleId :
EXCAVATION

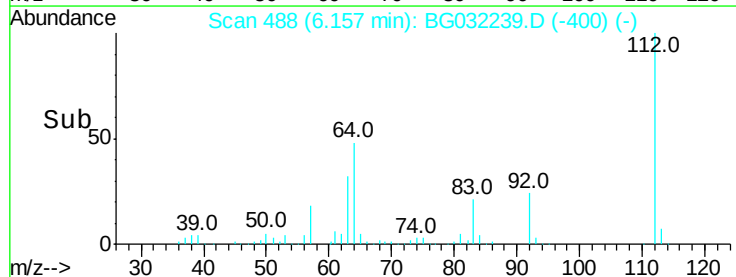
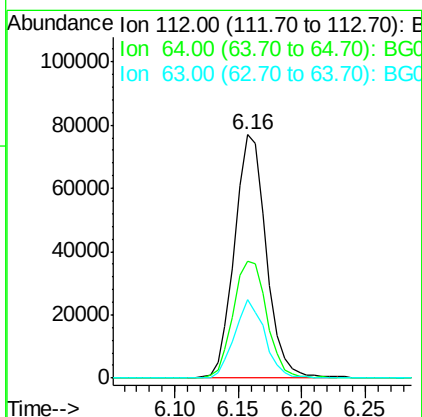
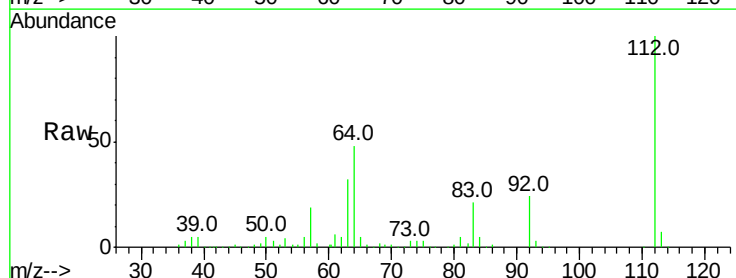
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.6	189.8
115	54.9	53.0	79.4

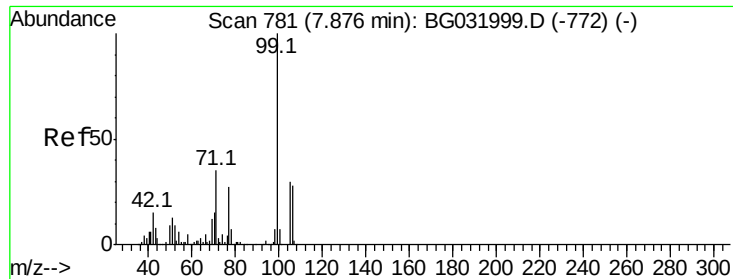


#5

2-Fluorophenol
Concen: 60.083 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BG032239.D
Acq: 23 Jan 2018 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.9	56.3	84.5#
63	32.1	30.1	45.1





#7

Phenol-d6

Concen: 39.940 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG032239.D

Acq: 23 Jan 2018 19:47

Instrument :

BNA_G

ClientSampleId :

EXCAVATION

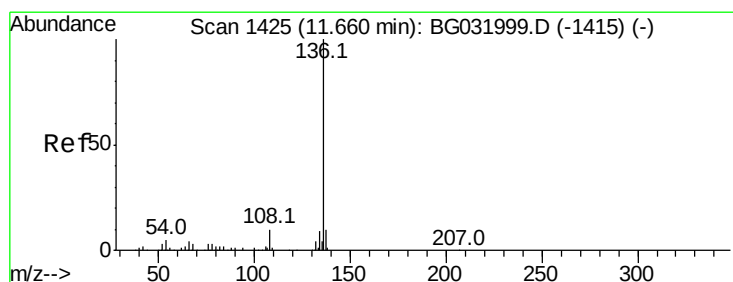
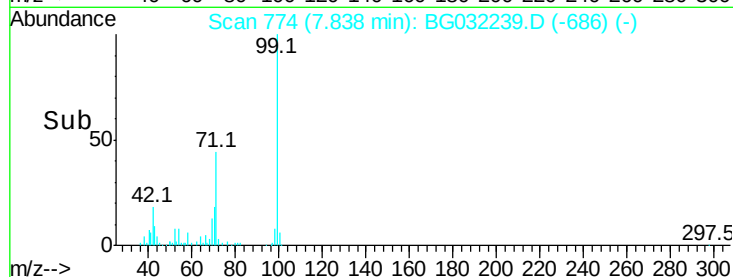
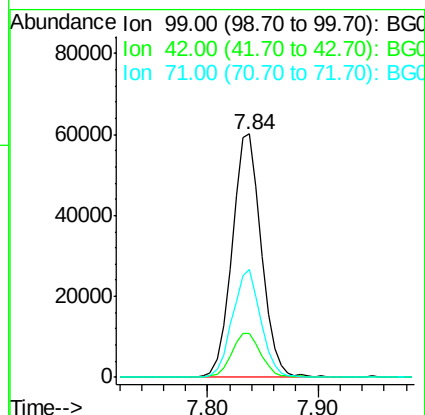
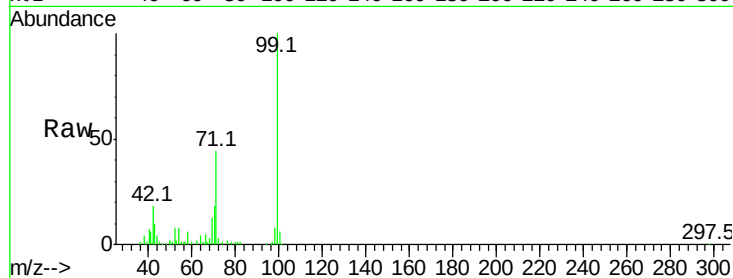
Tot Ion: 99 Resp: 111625

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

71 44.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.61 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BG032239.D

Acq: 23 Jan 2018 19:47

Tgt Ion: 136 Resp: 172049

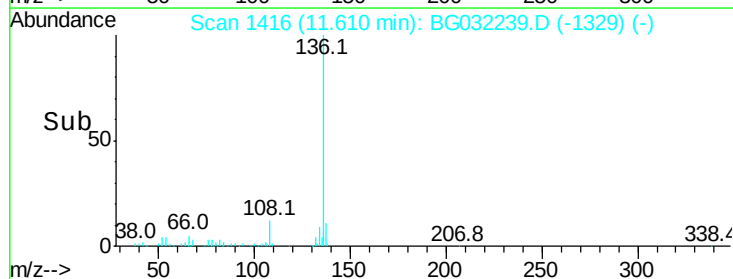
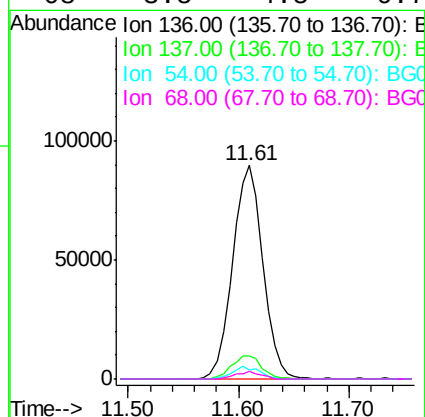
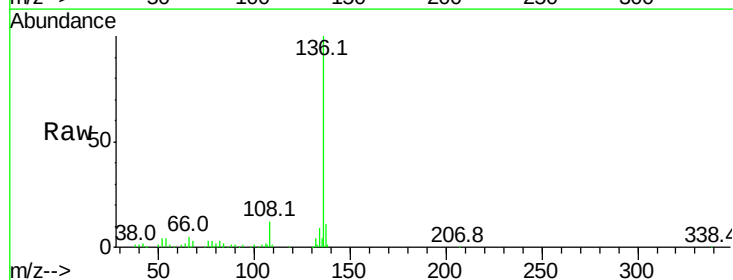
Ion Ratio Lower Upper

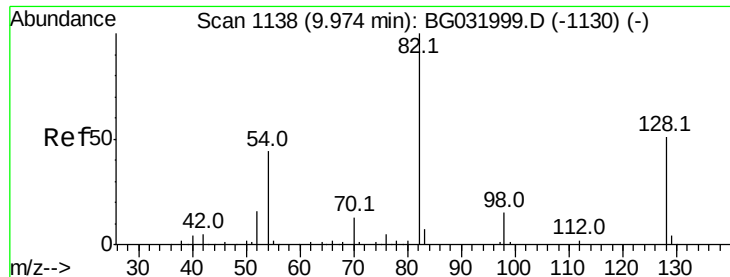
136 100

137 10.8 9.2 13.8

54 4.3 10.3 15.5#

68 3.5 4.5 6.7#

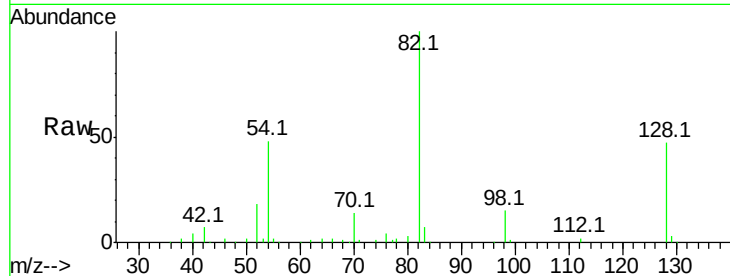




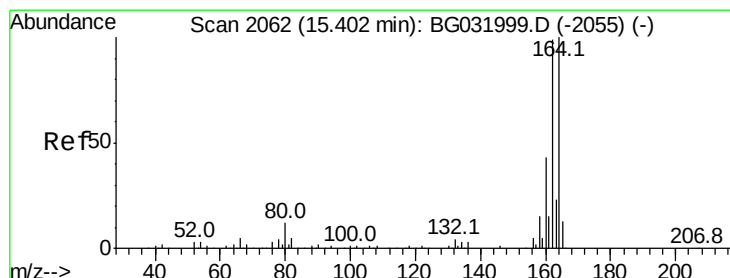
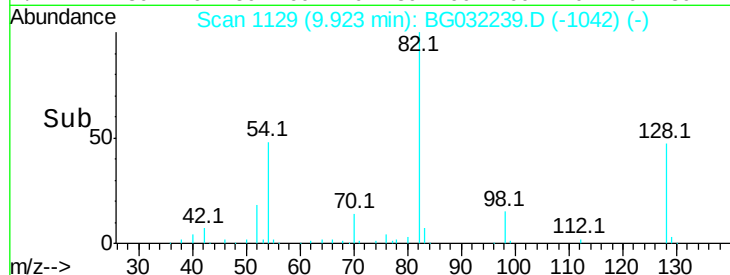
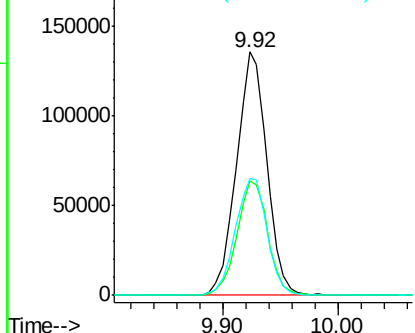
#23
Nitrobenzene-d5
Concen: 97.138 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BG032239.D
Acq: 23 Jan 2018 19:47

Instrument :
BNA_G
ClientSampleId :
EXCAVATION

Tot Ion: 82 Resp: 247027
Ion Ratio Lower Upper
82 100
128 46.9 29.7 44.5#
54 47.8 43.1 64.7

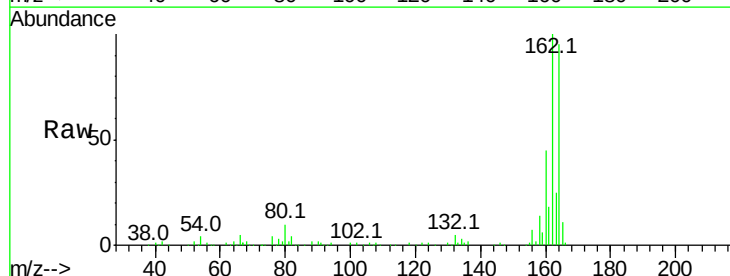


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

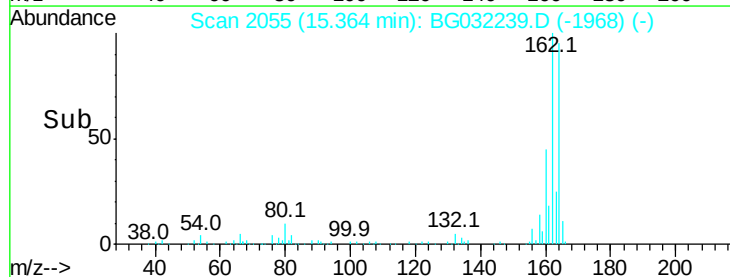
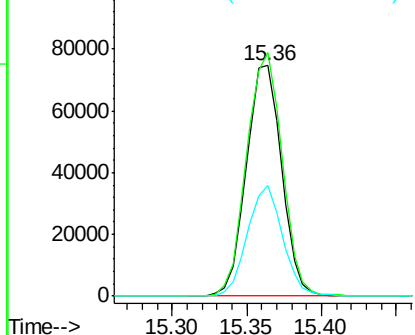


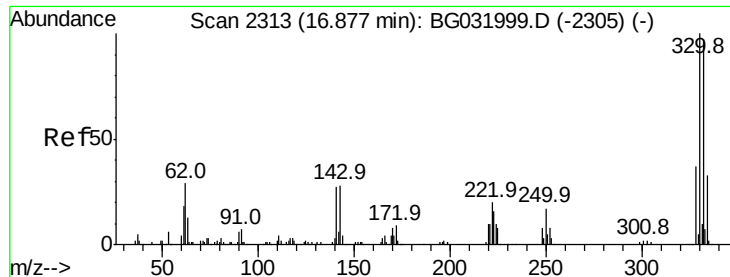
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG032239.D
Acq: 23 Jan 2018 19:47

Tgt Ion:164 Resp: 121772
Ion Ratio Lower Upper
164 100
162 105.7 78.8 118.2
160 47.8 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

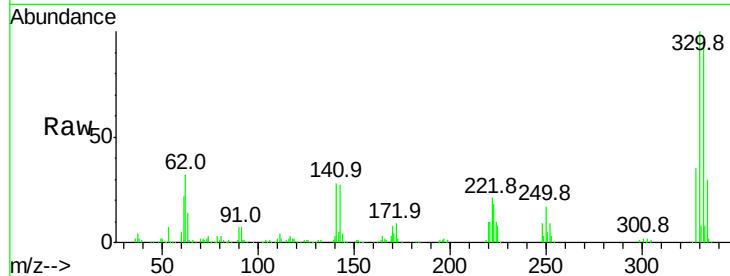




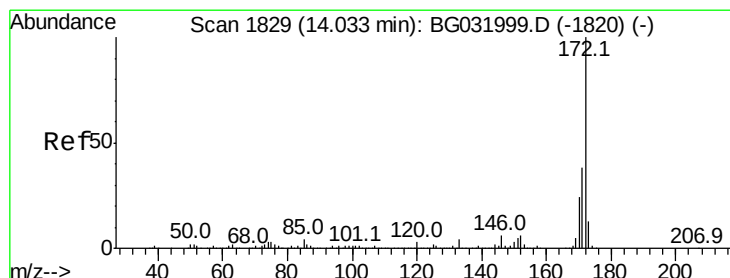
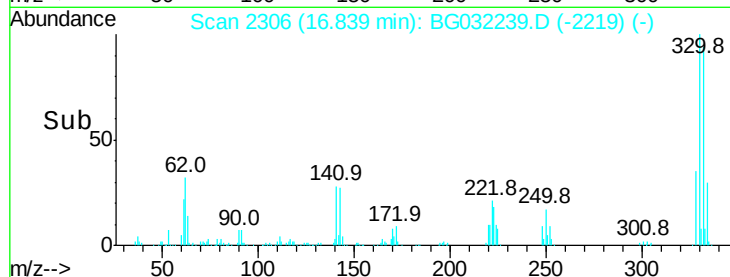
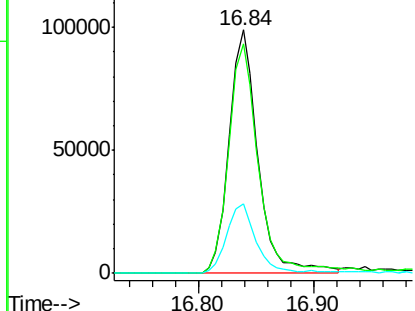
#41
 2,4,6-Tribromophenol
 Concen: 85.149 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG032239.D
 Acq: 23 Jan 2018 19:47

Instrument :
 BNA_G
 ClientSampleId :
 EXCAVATION

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	28.7	25.2	37.8

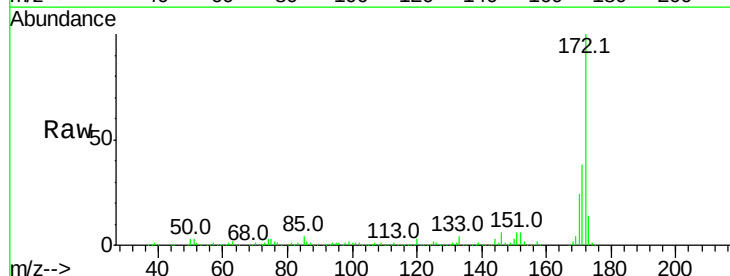


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

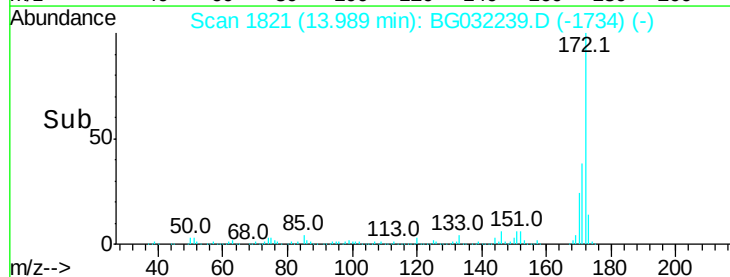
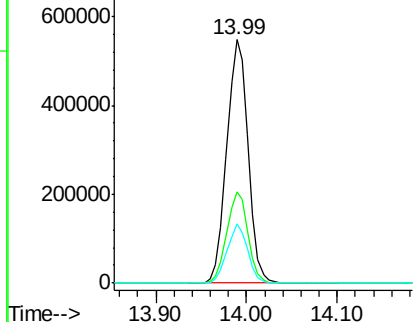


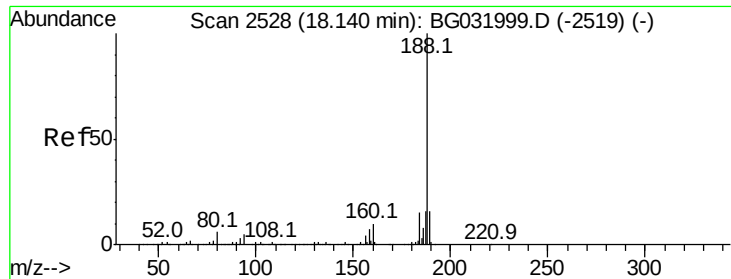
#44
 2-Fluorobiphenyl
 Concen: 90.913 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BG032239.D
 Acq: 23 Jan 2018 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.3	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: 18.10 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BG032239.D

Acq: 23 Jan 2018 19:47

Instrument :

BNA_G

ClientSampleId :

EXCAVATION

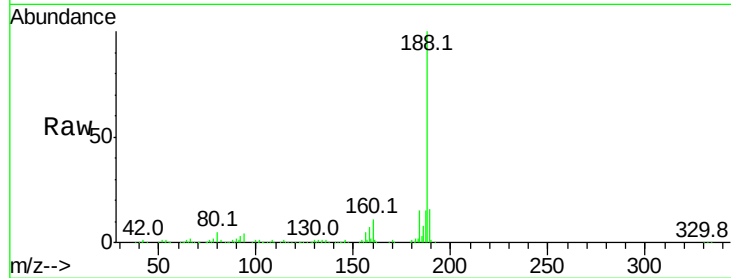
Tot Ion:188 Resp: 302709

Ion Ratio Lower Upper

188 100

94 3.9 6.9 10.3#

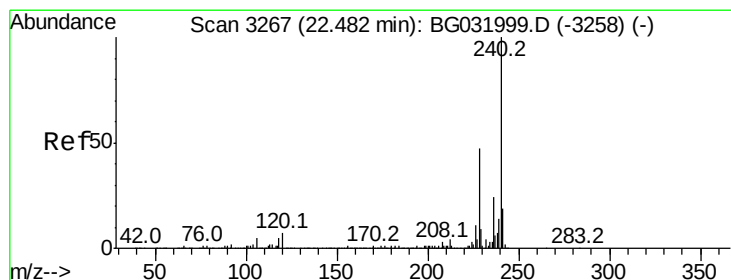
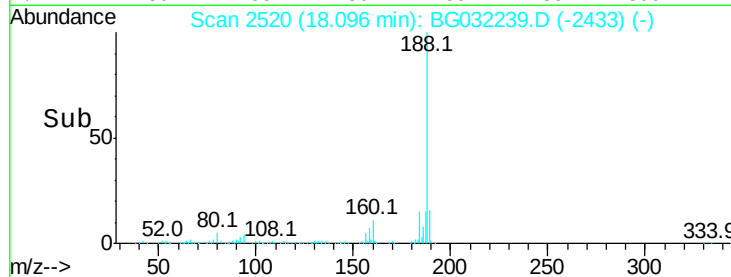
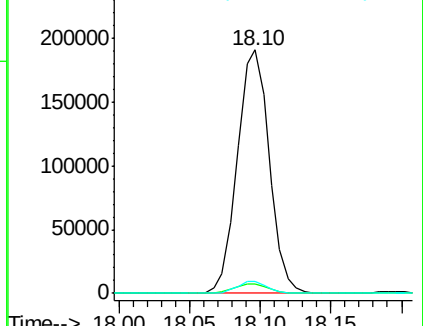
80 4.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.43 min Scan# 3257

Delta R.T. -0.02 min

Lab File: BG032239.D

Acq: 23 Jan 2018 19:47

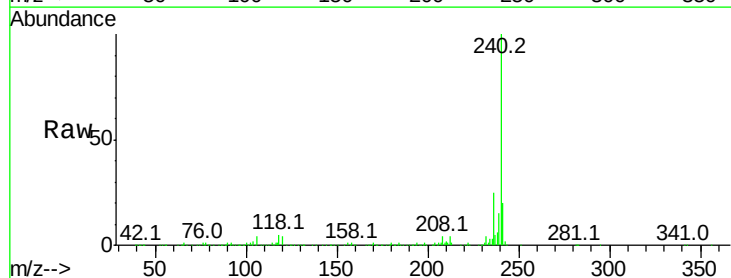
Tgt Ion:240 Resp: 392841

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

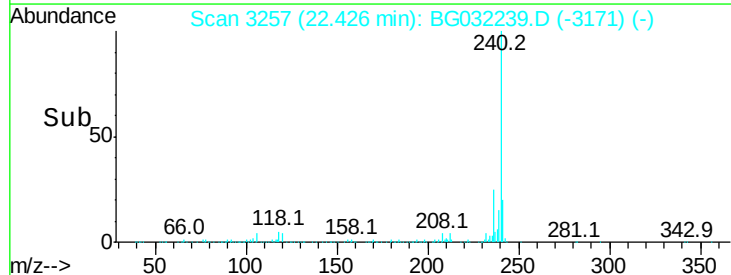
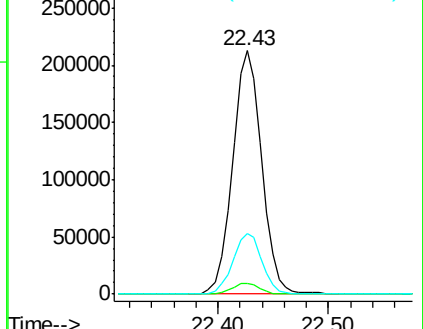
236 25.1 20.9 31.3

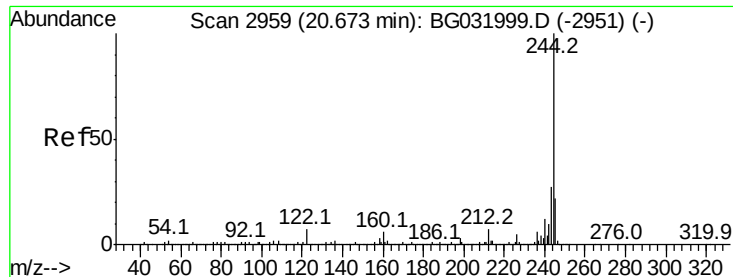


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.895 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG032239.D

Acq: 23 Jan 2018 19:47

Instrument :

BNA_G

ClientSampleId :

EXCAVATION

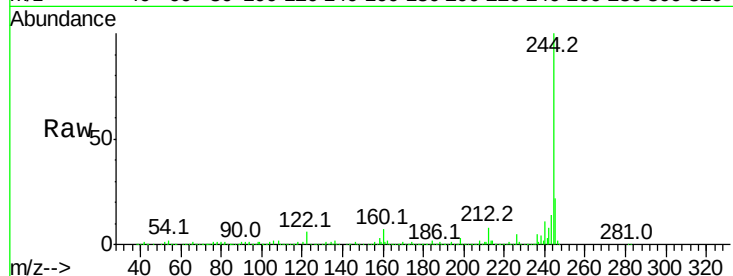
Tot Ion:244 Resp: 1670527

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

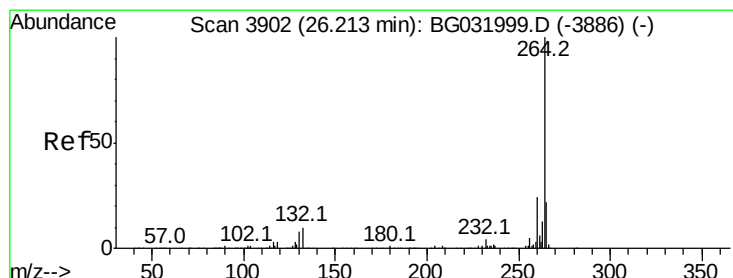
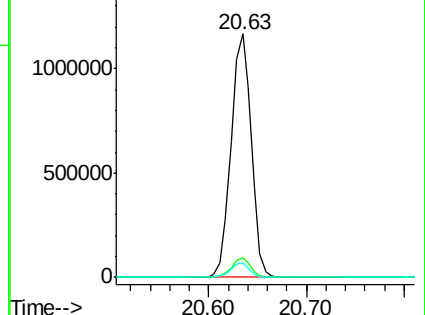
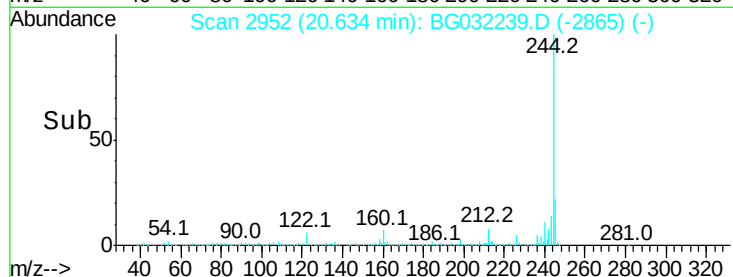
122 5.9 7.0 10.4#



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: 26.12 min Scan# 3885

Delta R.T. -0.03 min

Lab File: BG032239.D

Acq: 23 Jan 2018 19:47

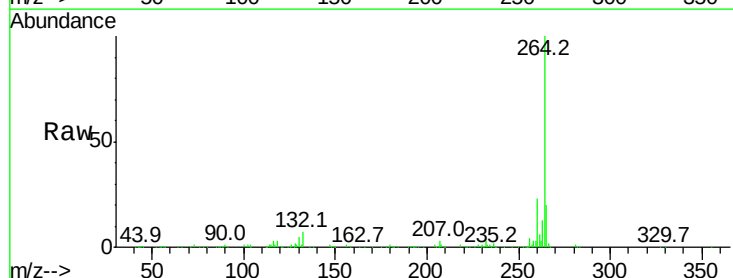
Tgt Ion:264 Resp: 413051

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.3 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

