

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042289.D
 Acq On : 17 Aug 2019 14:11
 Operator : HP/JU
 Sample : K3616-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-A

Quant Time: Aug 19 07:21:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60951	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	225768	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	165795	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	404360	20.00	ng	0.00
76) Chrysene-d12	21.70	240	482602	20.00	ng	0.00
87) Perylene-d12	24.94	264	544702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	391099	124.84	ng	0.00
7) Phenol-d6	7.17	99	480438	113.76	ng	0.00
23) Nitrobenzene-d5	9.18	82	325553	99.23	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	337783	179.37	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	992100	105.54	ng	0.00
79) Terphenyl-d14	20.03	244	1990396	94.37	ng	0.00

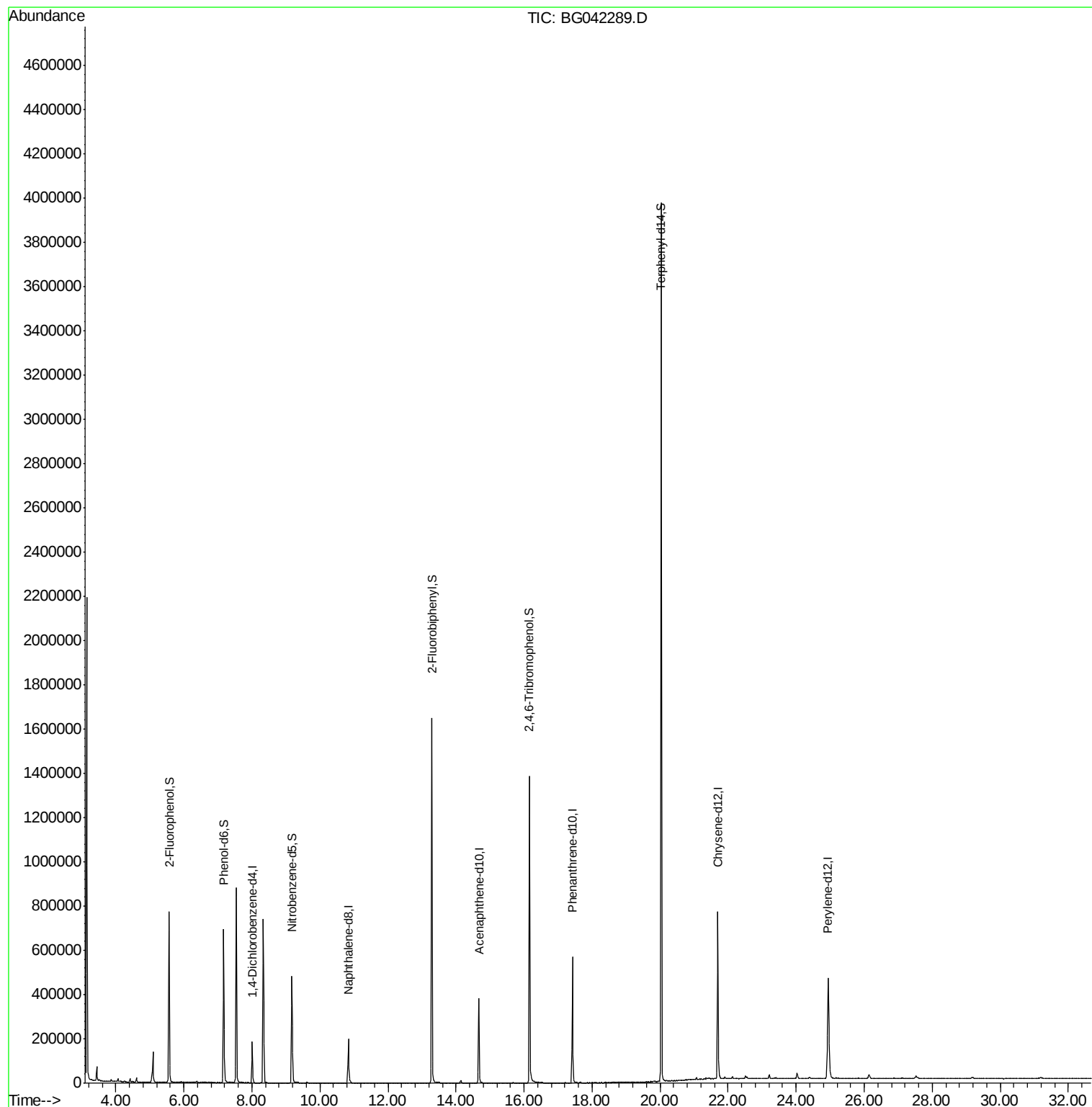
Target Compounds Qvalue

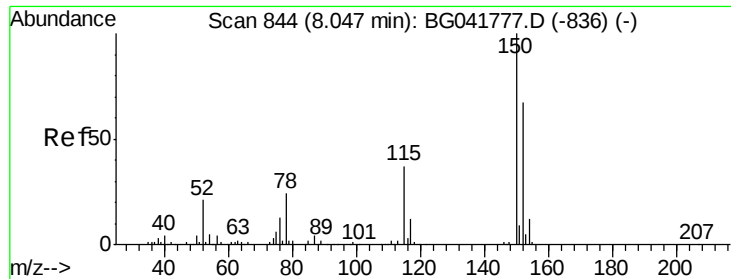
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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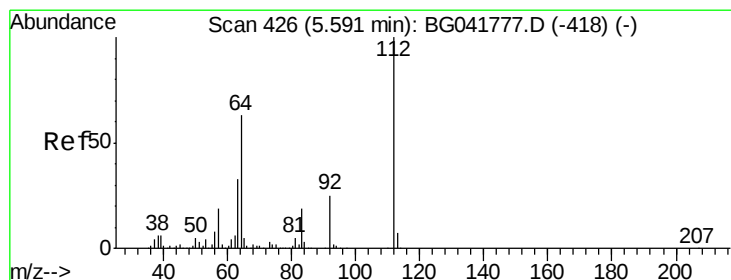
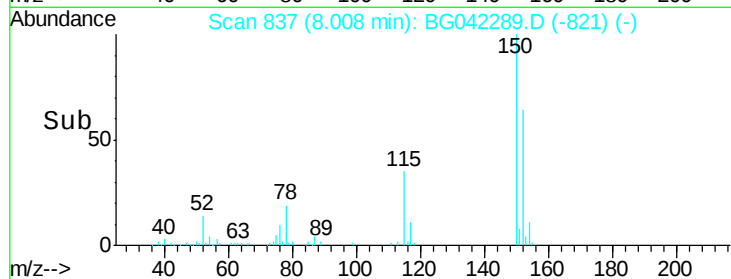
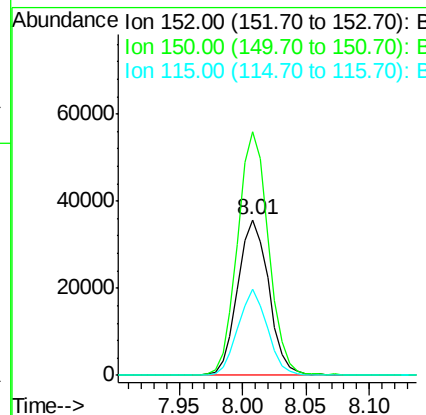
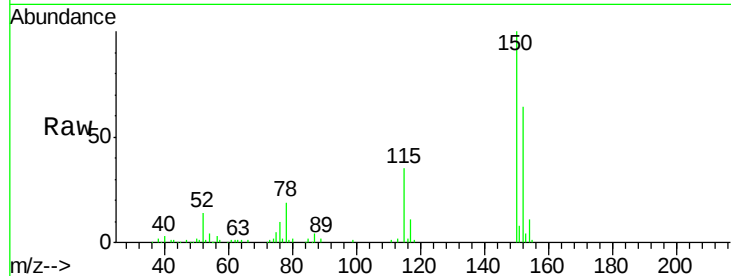


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042289.D
Acq: 17 Aug 2019 14:11

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-A

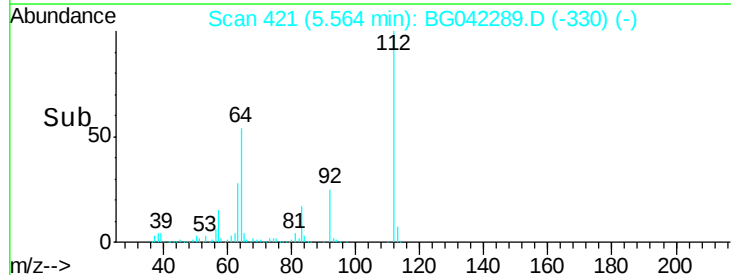
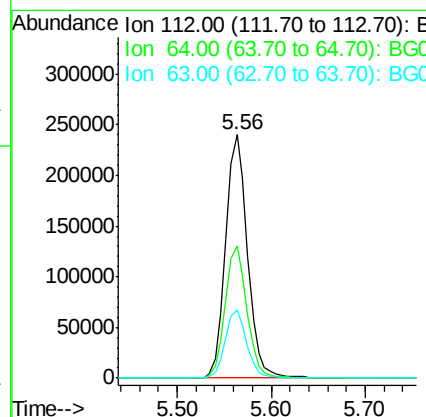
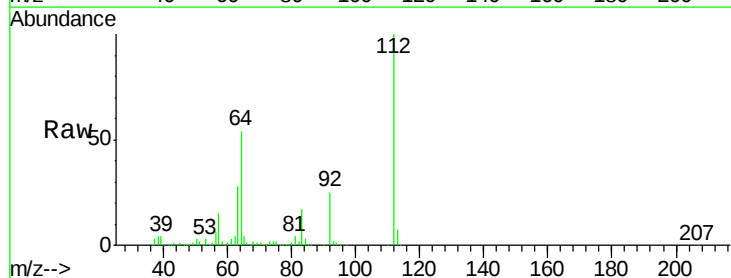
Tot Ion:152 Resp: 60951
Ion Ratio Lower Upper
152 100
150 156.2 126.9 190.3
115 55.3 45.0 67.6



#5

2-Fluorophenol
Concen: 124.843 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042289.D
Acq: 17 Aug 2019 14:11

Tgt Ion:112 Resp: 391099
Ion Ratio Lower Upper
112 100
64 54.3 55.4 83.2#
63 27.9 29.1 43.7#





#7

Phenol-d6

Concen: 113.756 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042289.D

Acq: 17 Aug 2019 14:11

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-A

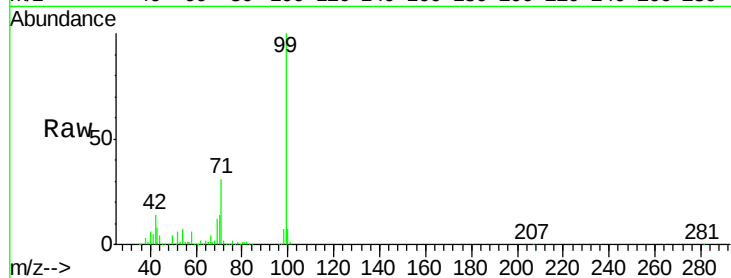
Tot Ion: 99 Resp: 480438

Ion Ratio Lower Upper

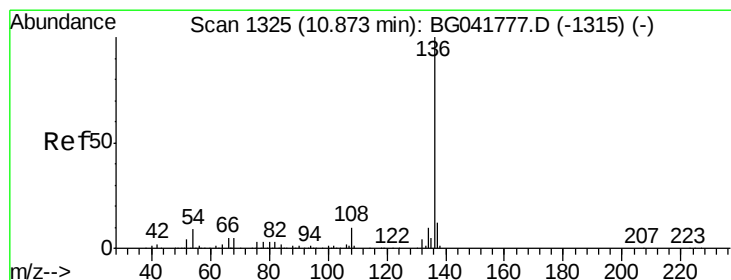
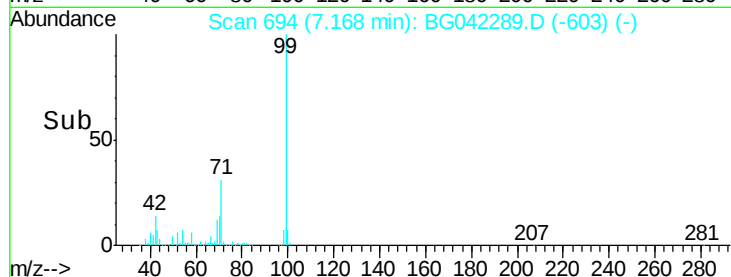
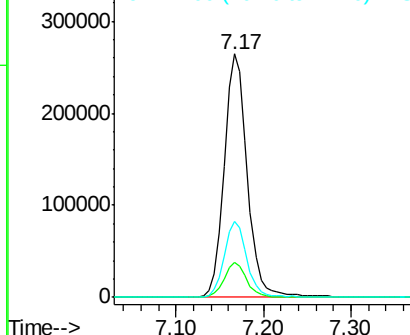
99 100

42 14.1 17.6 26.4#

71 31.3 27.8 41.6



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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG042289.D

Acq: 17 Aug 2019 14:11

Tgt Ion: 136 Resp: 225768

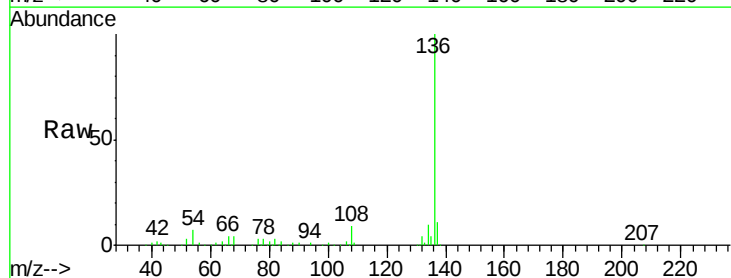
Ion Ratio Lower Upper

136 100

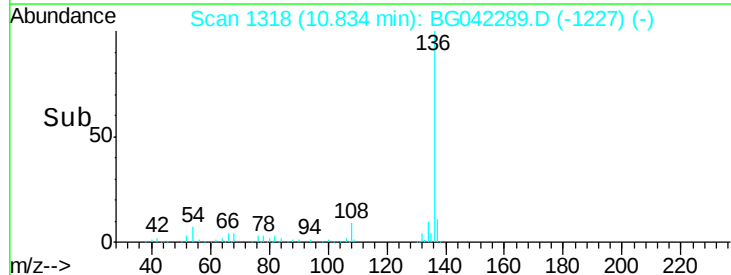
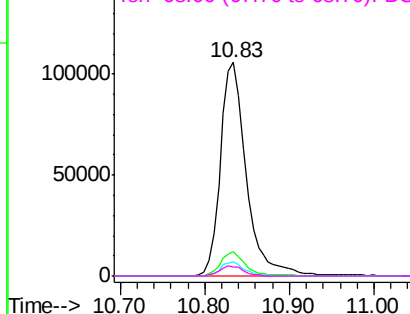
137 11.3 9.2 13.8

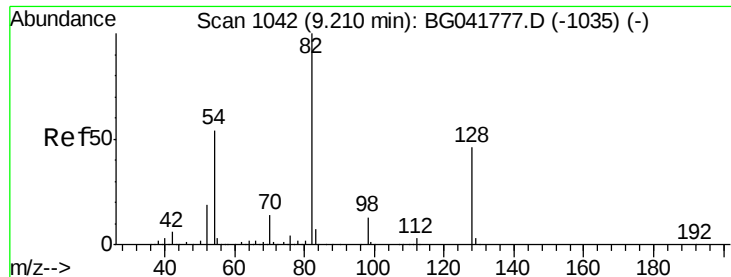
54 6.9 8.7 13.1#

68 4.1 5.5 8.3#



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

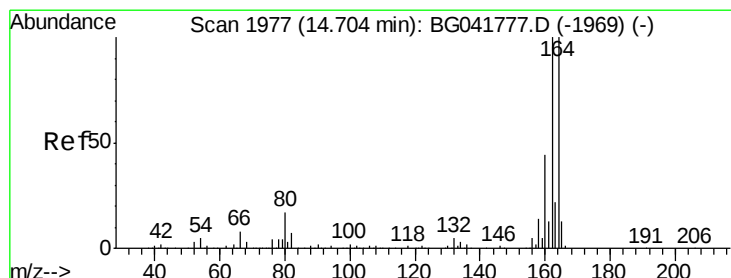
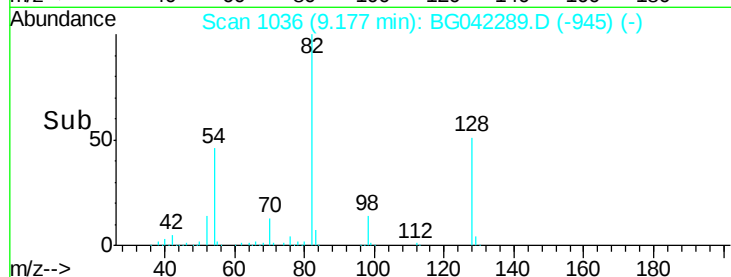
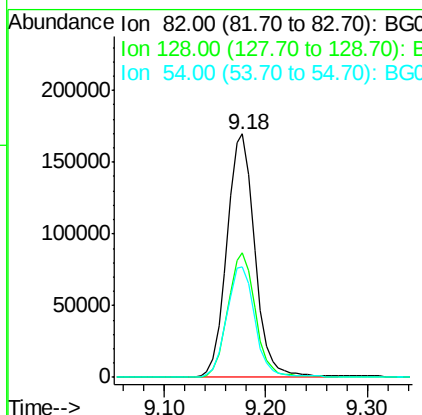
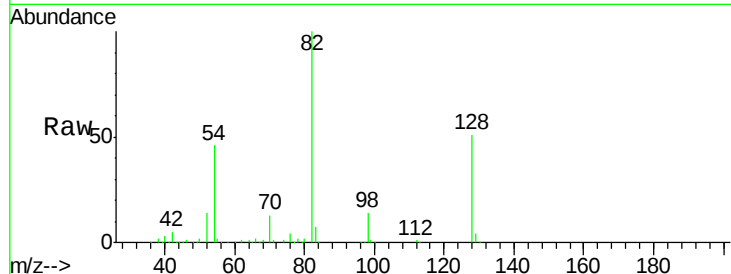




#23
 Nitrobenzene-d5
 Concen: 99.232 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042289.D
 Acq: 17 Aug 2019 14:11

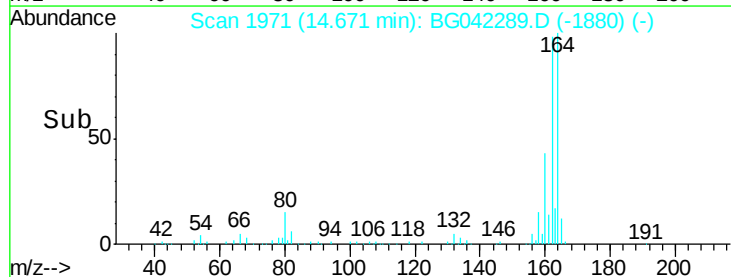
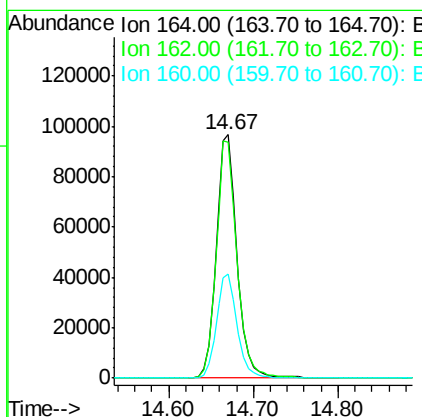
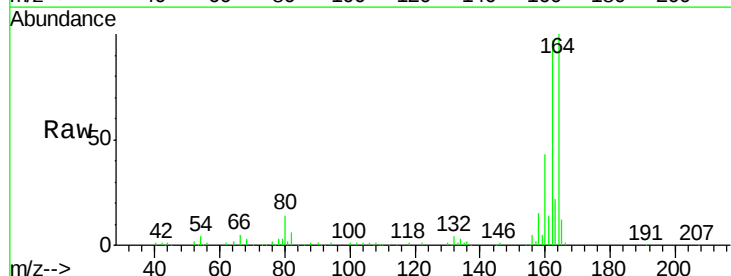
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-A

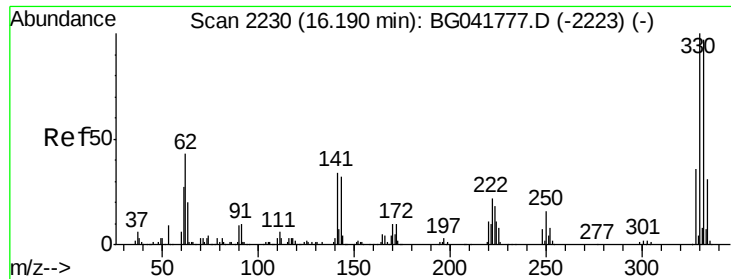
Tot Ion	82	Resp	325553
Ion Ratio	Lower	Upper	
82	100		
128	51.1	35.1	52.7
54	45.6	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG042289.D
 Acq: 17 Aug 2019 14:11

Tgt Ion	164	Resp	165795
Ion Ratio	Lower	Upper	
164	100		
162	97.0	79.6	119.4
160	42.9	35.4	53.0

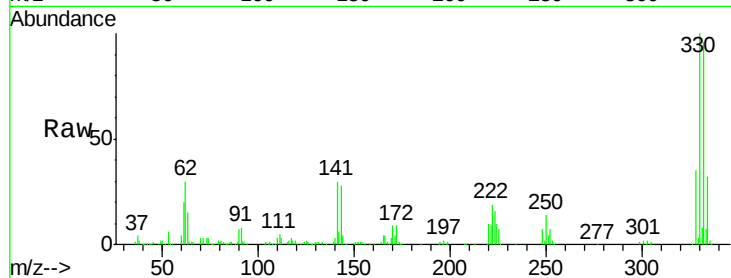




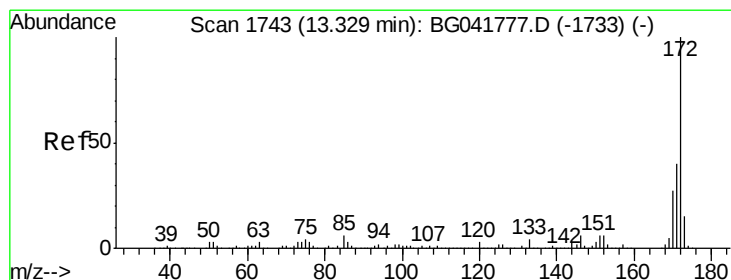
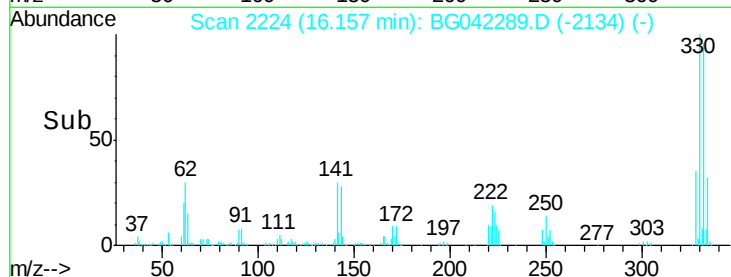
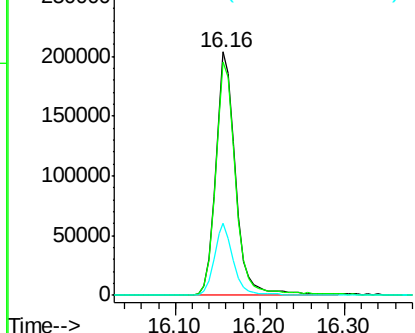
#42
 2,4,6-Tribromophenol
 Concen: 179.366 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042289.D
 Acq: 17 Aug 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-A

Tot Ion:330 Resp: 337783
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.0
 141 28.4 31.9 47.9#

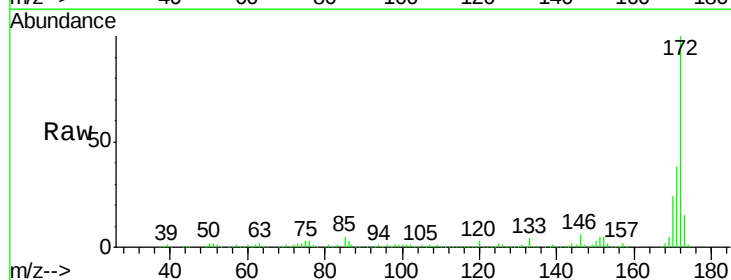


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

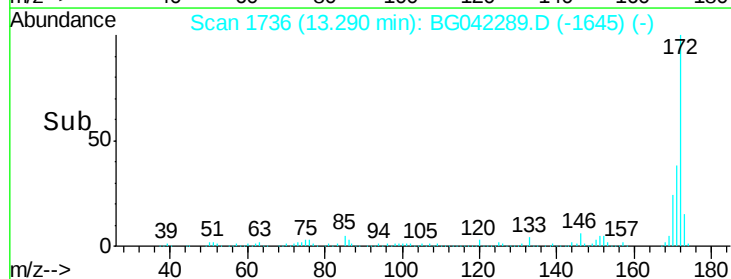
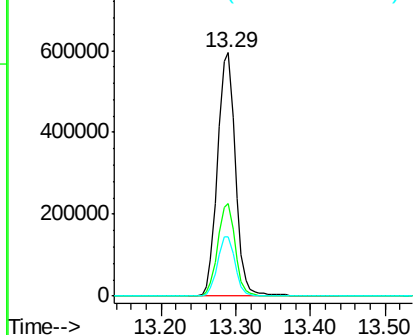


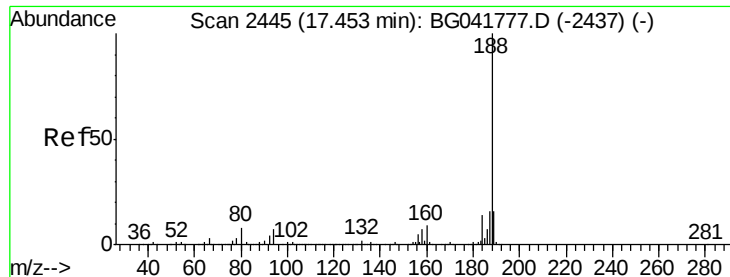
#45
 2-Fluorobiphenyl
 Concen: 105.539 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042289.D
 Acq: 17 Aug 2019 14:11

Tgt Ion:172 Resp: 992100
 Ion Ratio Lower Upper
 172 100
 171 37.9 35.0 52.4
 170 24.5 23.5 35.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042289.D

Acq: 17 Aug 2019 14:11

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-A

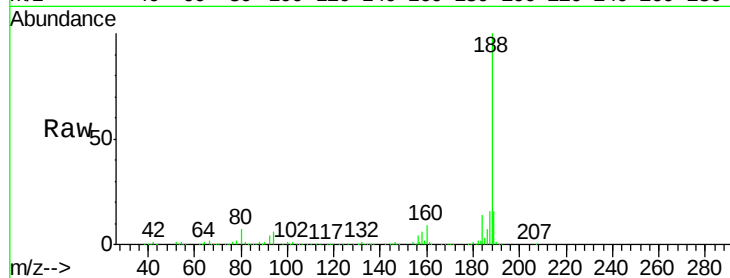
Tot Ion:188 Resp: 404360

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

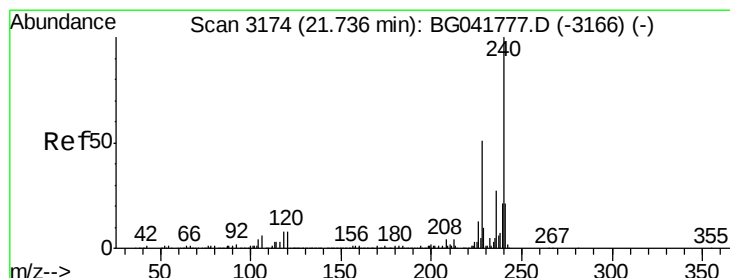
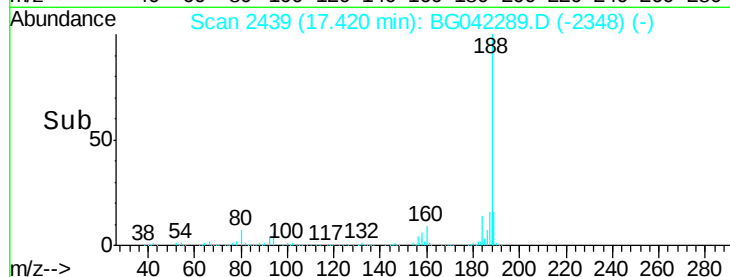
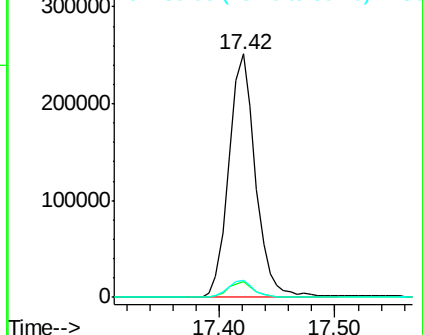
80 7.1 8.0 12.0#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042289.D

Acq: 17 Aug 2019 14:11

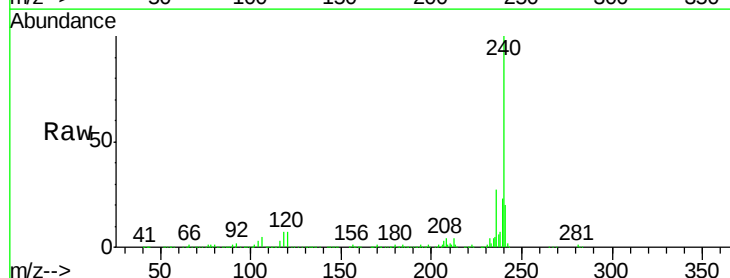
Tgt Ion:240 Resp: 482602

Ion Ratio Lower Upper

240 100

120 7.3 8.0 12.0#

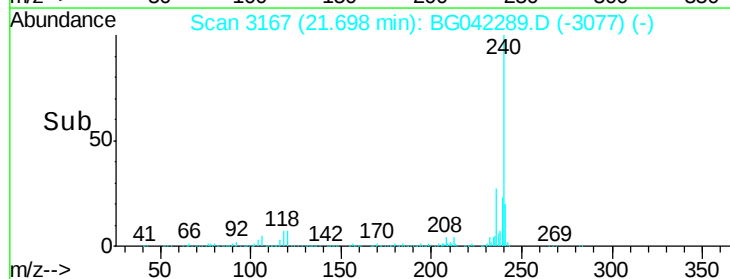
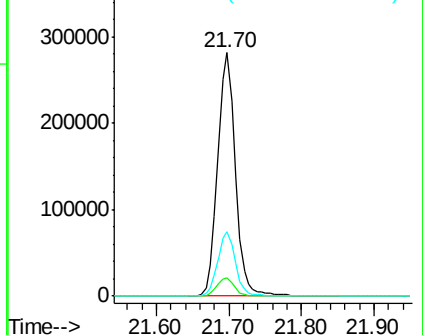
236 26.7 22.6 33.8

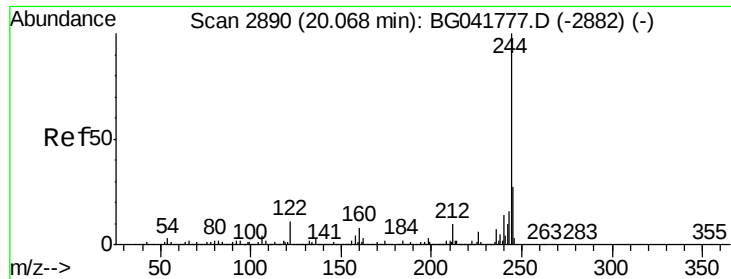


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

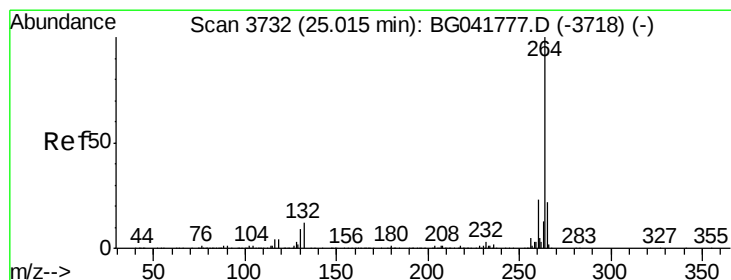
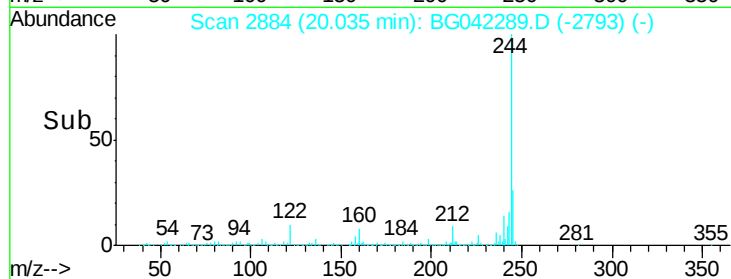
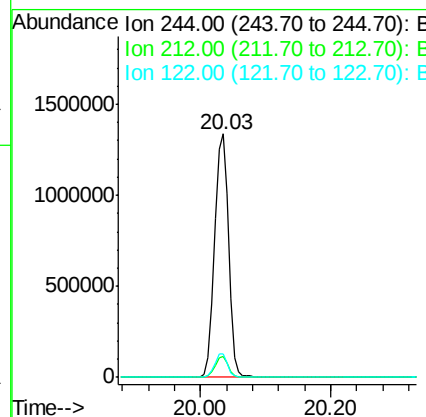
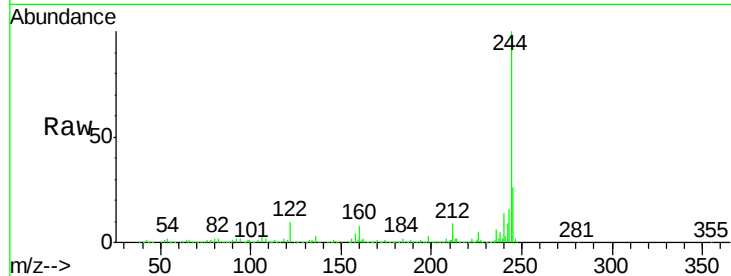




#79
 Terphenyl-d14
 Concen: 94.375 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG042289.D
 Acq: 17 Aug 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-A

Tot Ion:244 Resp: 1990396
 Ion Ratio Lower Upper
 244 100
 212 8.8 9.7 14.5#
 122 9.8 12.5 18.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3719
 Delta R.T. -0.00 min
 Lab File: BG042289.D
 Acq: 17 Aug 2019 14:11

Tgt Ion:264 Resp: 544702
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 22.5 18.0 27.0

