

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041310.D
 Acq On : 18 Jun 2019 23:10
 Operator : HP/JU
 Sample : K3419-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 05:41:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

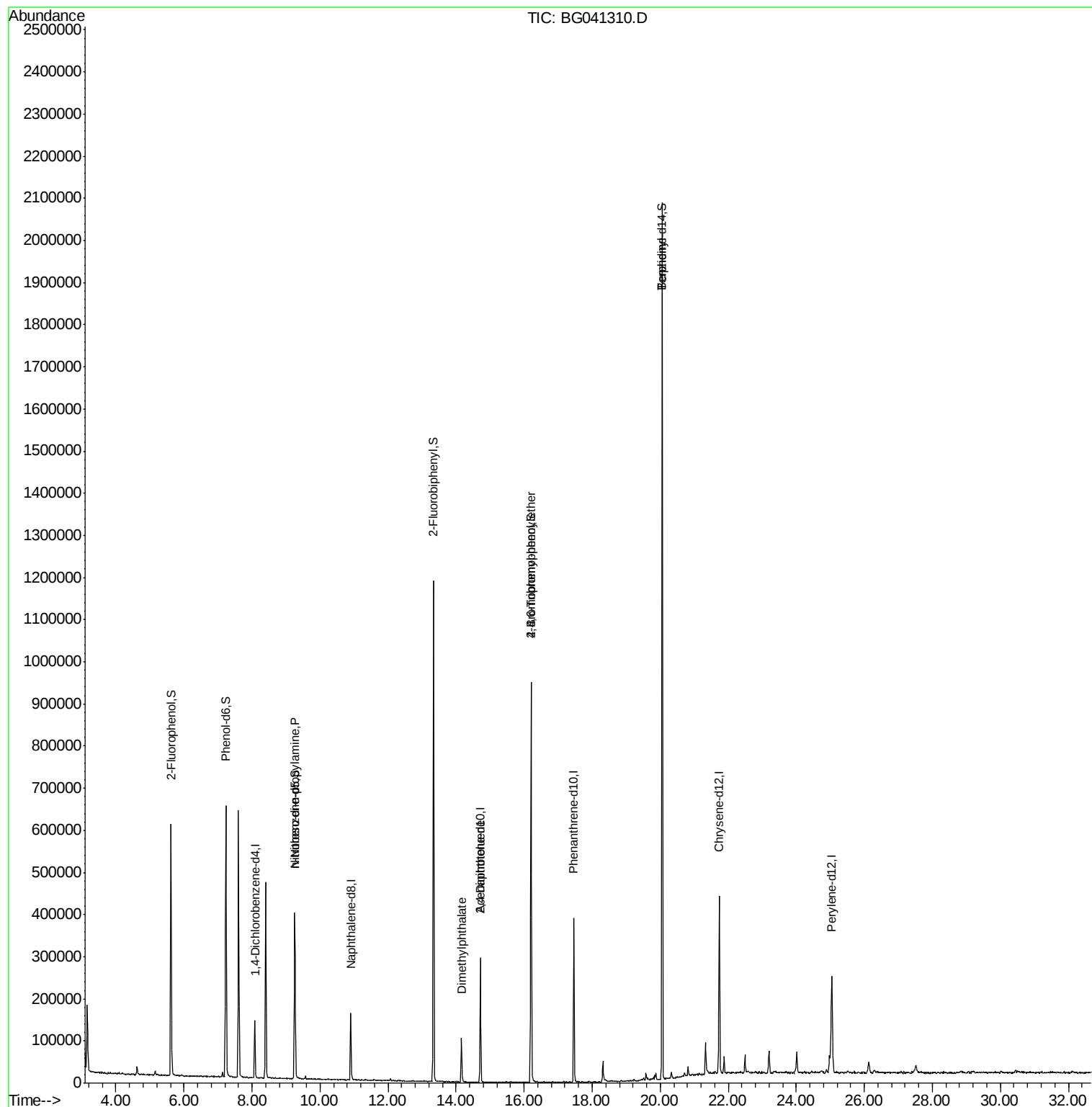
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36473	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	134870	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	100691	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	251672	20.00	ng	0.00
76) Chrysene-d12	21.74	240	252608	20.00	ng	0.00
87) Perylene-d12	25.04	264	262498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	229571	115.65	ng	0.00
7) Phenol-d6	7.23	99	331017	115.04	ng	0.00
23) Nitrobenzene-d5	9.26	82	240972	75.14	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	169983	109.96	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	566051	76.41	ng	0.00
79) Terphenyl-d14	20.06	244	973725	76.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	36227	15.567	ng	Qvalue # 78
50) Dimethylphthalate	14.16	163	70421	7.860	ng	98
57) 2,4-Dinitrotoluene	14.71	165	13292	4.813	ng	# 19
67) 4-Bromophenyl-phenylether	16.20	248	12400	3.810	ng	# 1
77) Benzidine	20.06	184	16457	2.693	ng	96

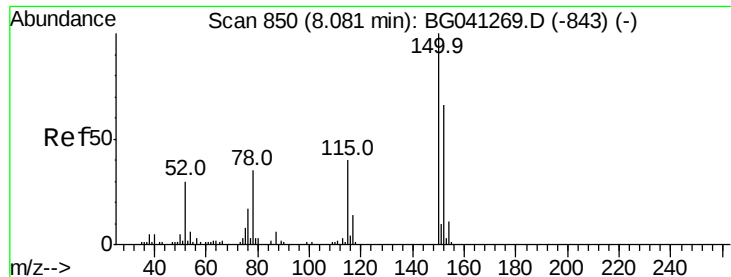
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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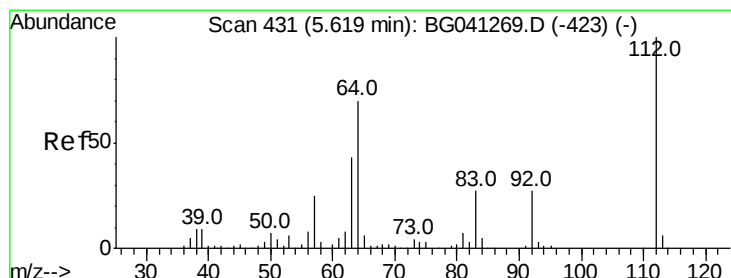
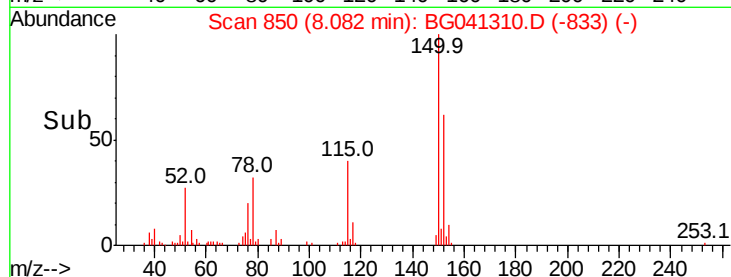
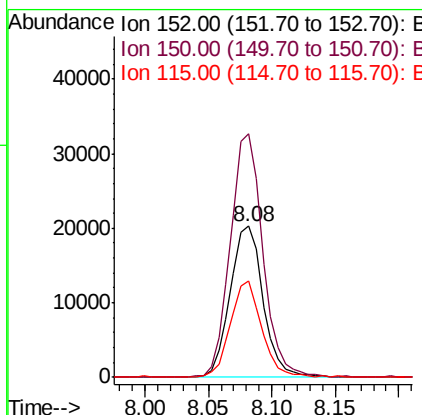
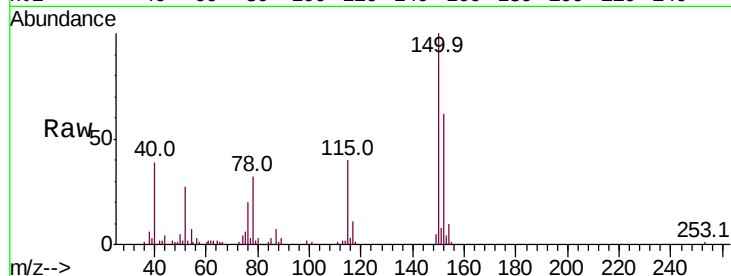


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041310.D
Acq: 18 Jun 2019 23:10

Instrument :
BNA_G
ClientSampled :

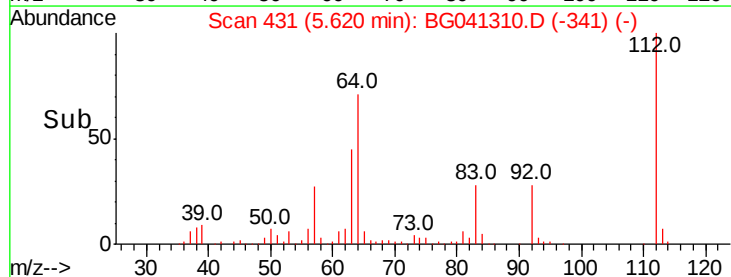
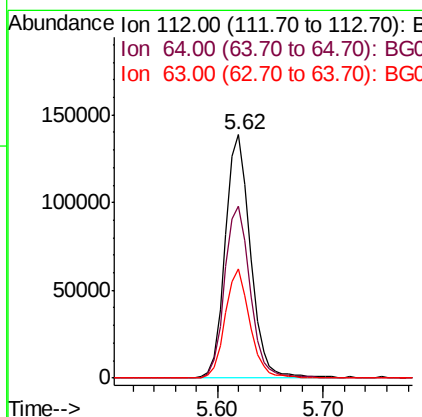
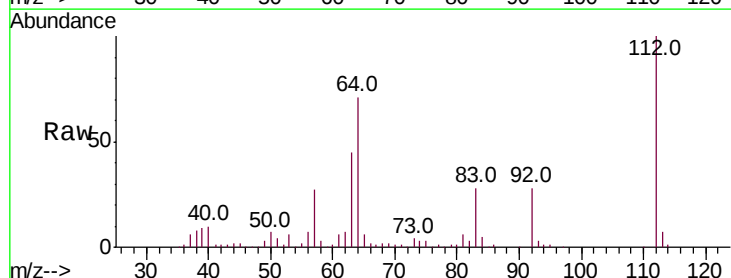
Tot Ion:152 Resp: 36473
Ion Ratio Lower Upper
152 100
150 161.3 120.6 181.0
115 63.8 47.9 71.9

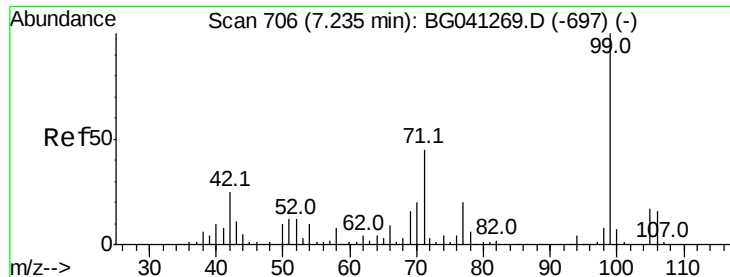


#5

2-Fluorophenol
Concen: 115.652 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041310.D
Acq: 18 Jun 2019 23:10

Tgt Ion:112 Resp: 229571
Ion Ratio Lower Upper
112 100
64 70.5 55.9 83.9
63 44.9 34.6 51.8





#7

Phenol-d6

Concen: 115.044 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Instrument :

BNA_G

ClientSampled :

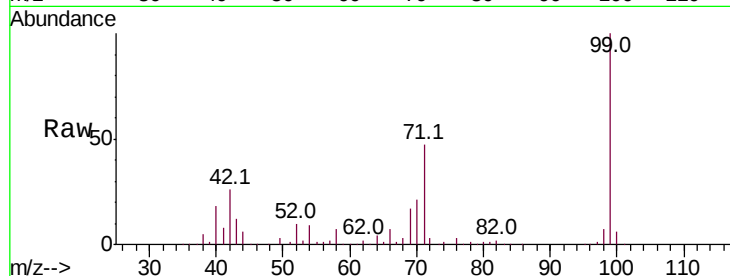
Tot Ion: 99 Resp: 331017

Ion Ratio Lower Upper

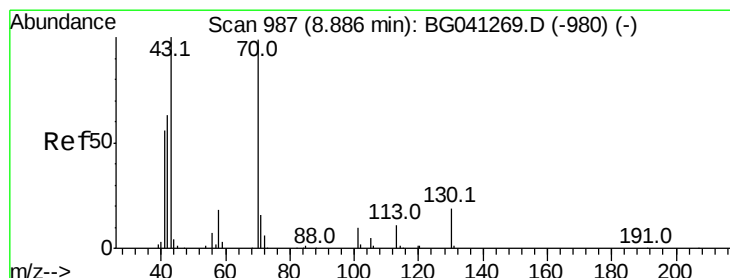
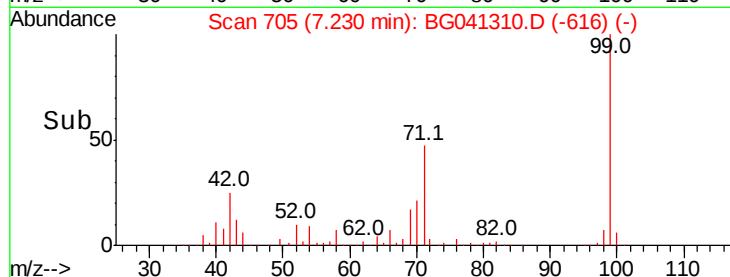
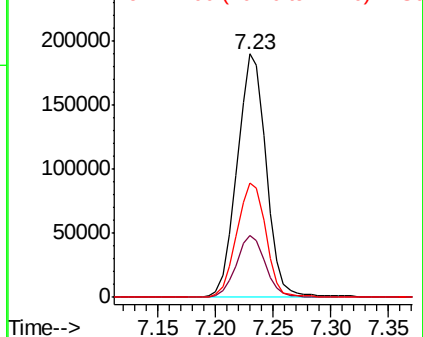
99 100

42 25.6 19.9 29.9

71 47.2 36.4 54.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.567 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.37 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Tgt Ion: 70 Resp: 36227

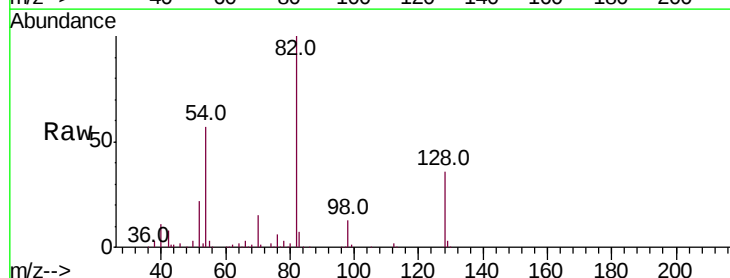
Ion Ratio Lower Upper

70 100

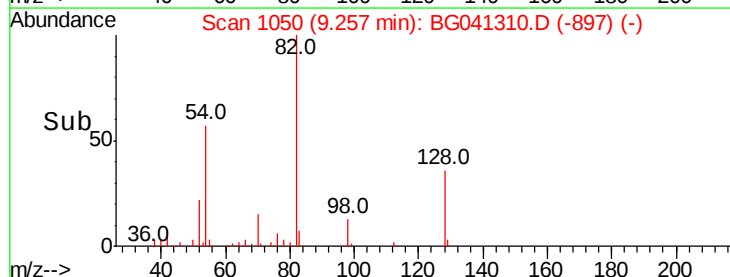
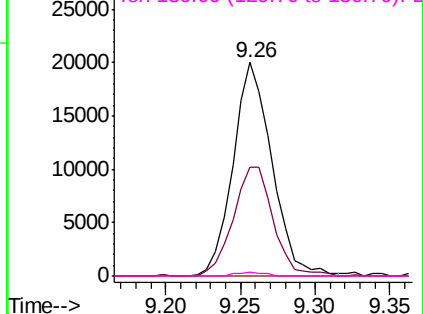
42 51.0 51.4 77.2#

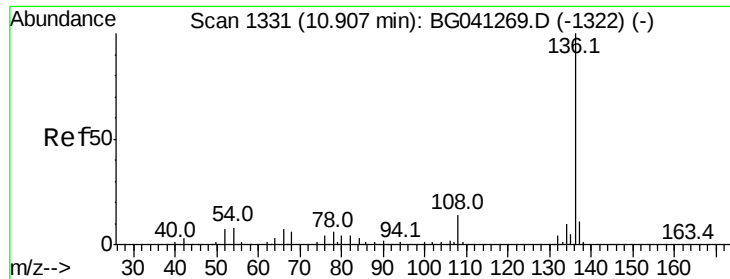
101 0.0 8.2 12.2#

130 1.8 15.2 22.8#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 134870

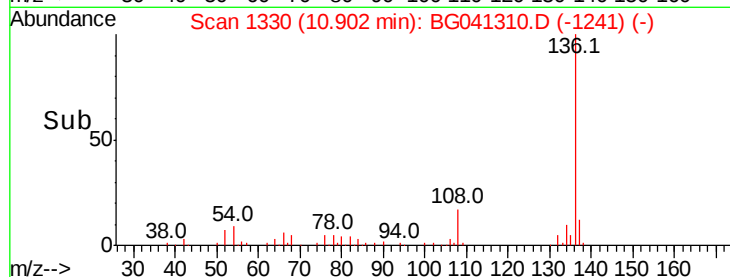
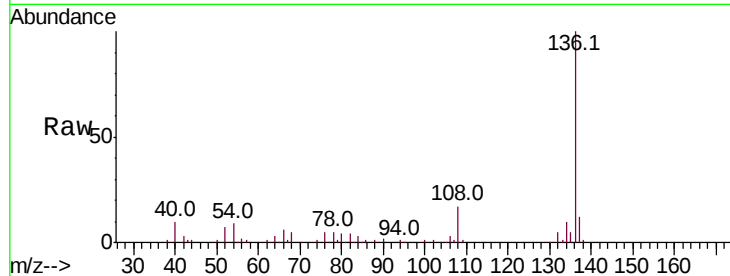
Ion Ratio Lower Upper

136 100

137 12.3 8.8 13.2

54 9.0 6.4 9.6

68 5.1 4.8 7.2

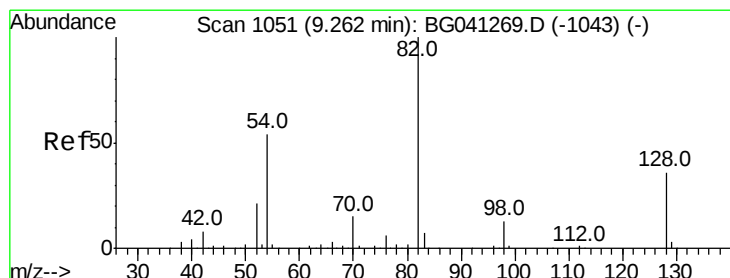
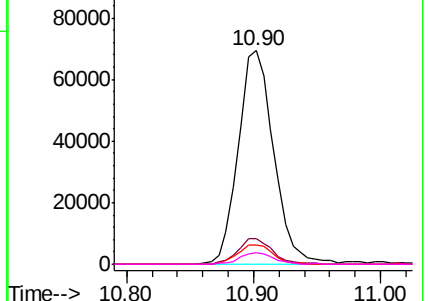


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 75.142 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

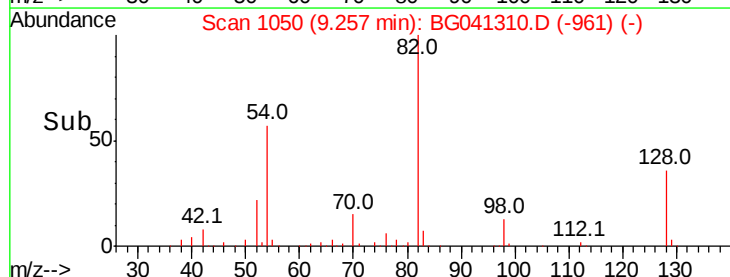
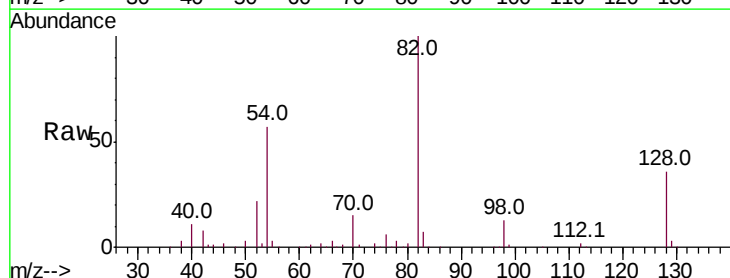
Tgt Ion: 82 Resp: 240972

Ion Ratio Lower Upper

82 100

128 36.3 29.2 43.8

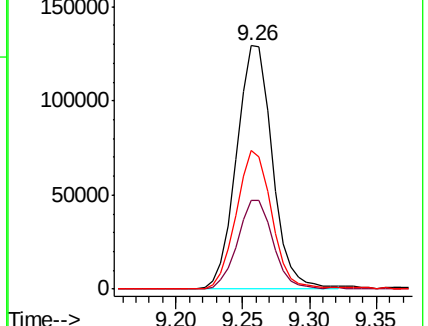
54 57.1 43.4 65.0

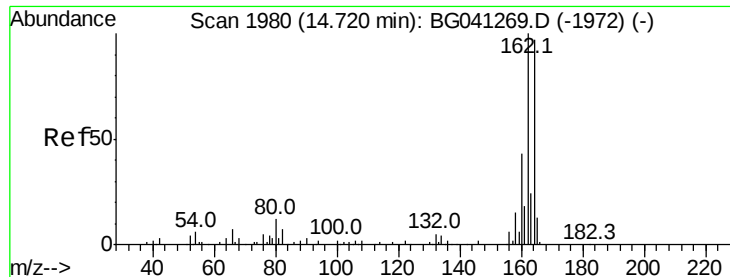


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Instrument :

BNA_G

ClientSampled :

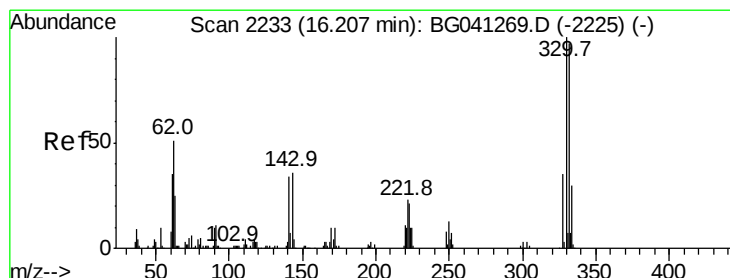
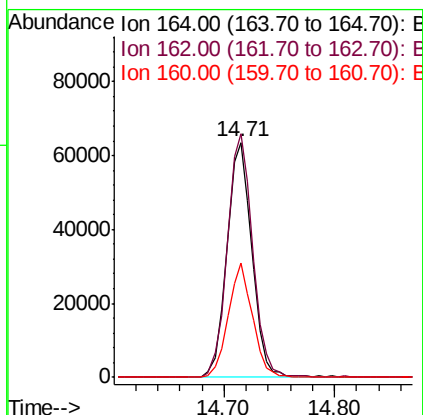
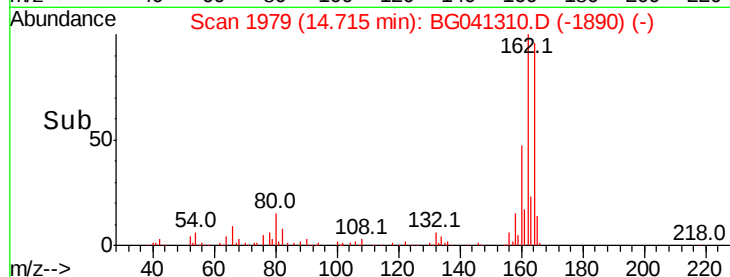
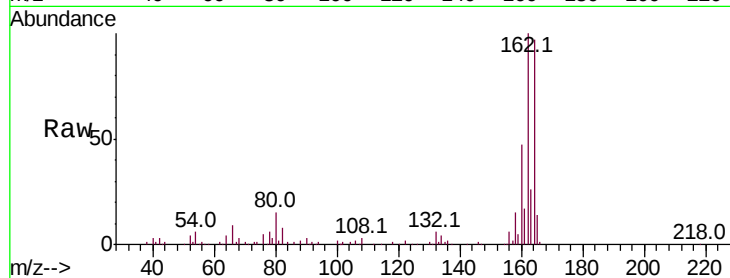
Tot Ion:164 Resp: 100691

Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

160 48.5 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 109.962 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

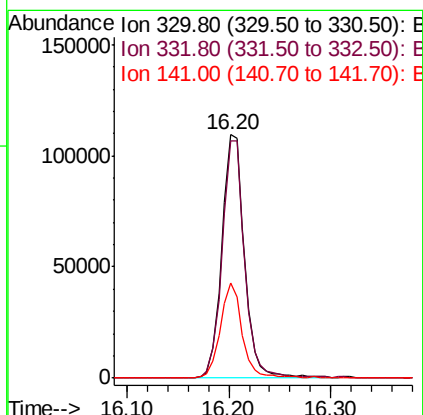
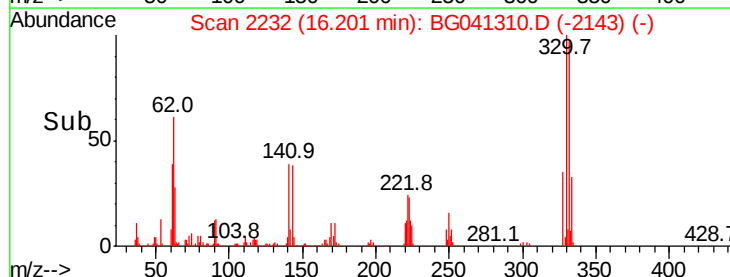
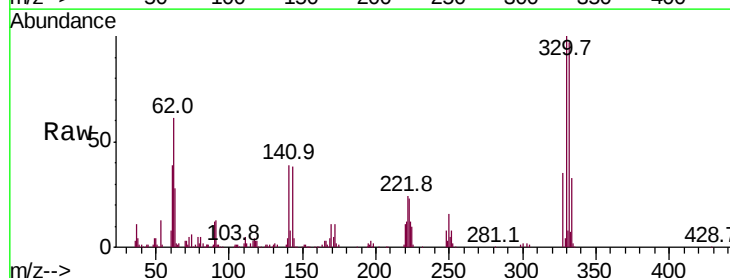
Tgt Ion:330 Resp: 169983

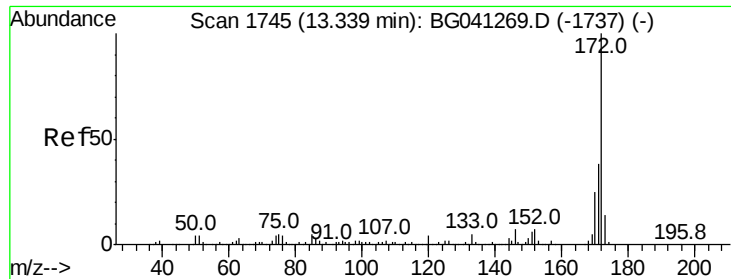
Ion Ratio Lower Upper

330 100

332 97.2 75.5 113.3

141 37.3 29.0 43.4

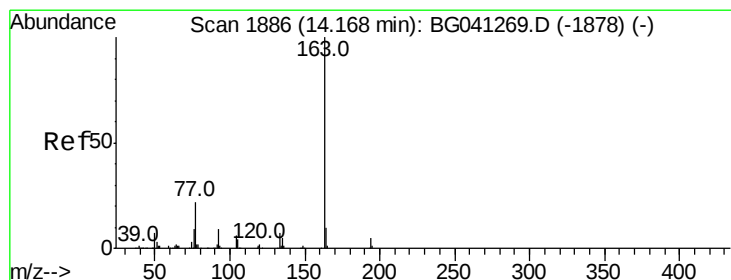
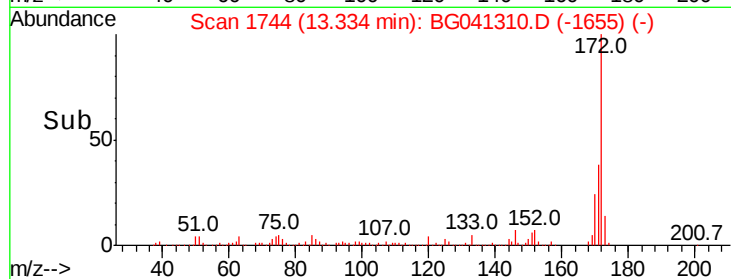
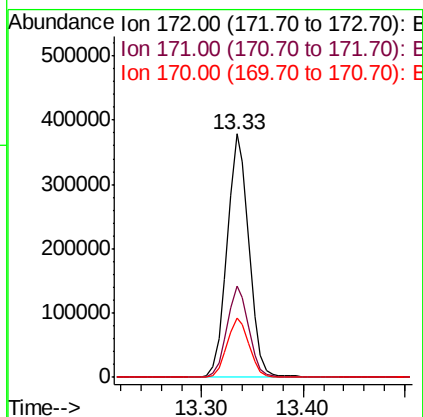
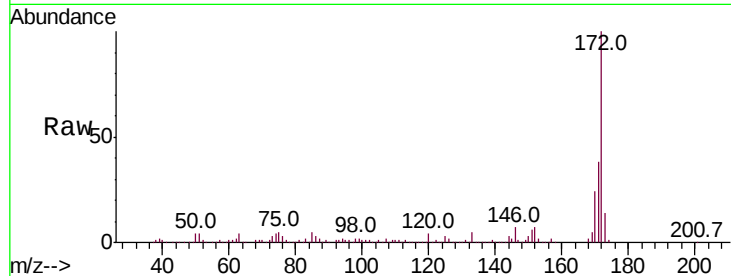




#45
2-Fluorobiphenyl
Concen: 76.407 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG041310.D
Acq: 18 Jun 2019 23:10

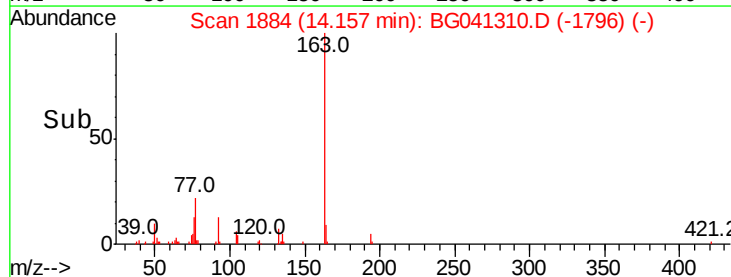
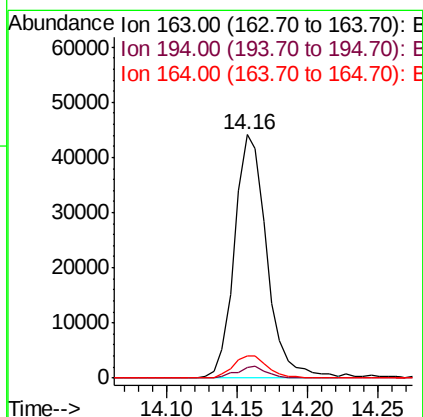
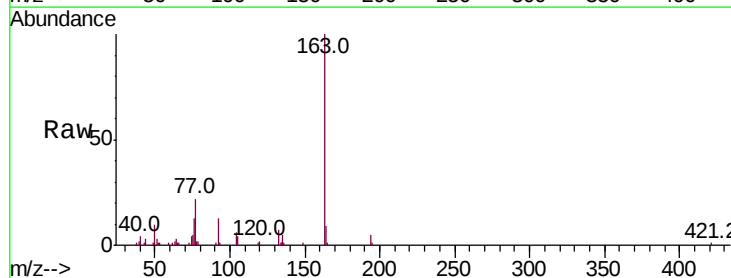
Instrument :
BNA_G
ClientSampleId :

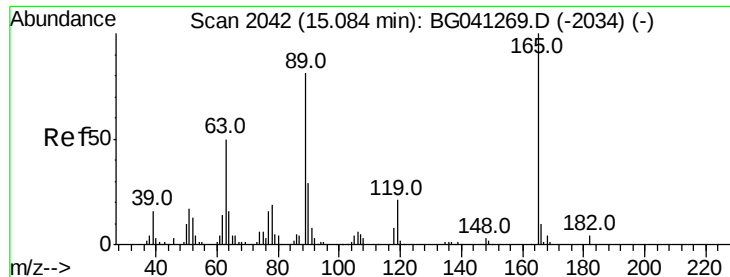
Tot Ion:172 Resp: 566051
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 24.3 19.8 29.6



#50
Dimethylphthalate
Concen: 7.860 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041310.D
Acq: 18 Jun 2019 23:10

Tgt Ion:163 Resp: 70421
Ion Ratio Lower Upper
163 100
194 4.6 3.9 5.9
164 9.2 8.3 12.5





#57

2,4-Dinitrotoluene

Concen: 4.813 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.37 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 13292

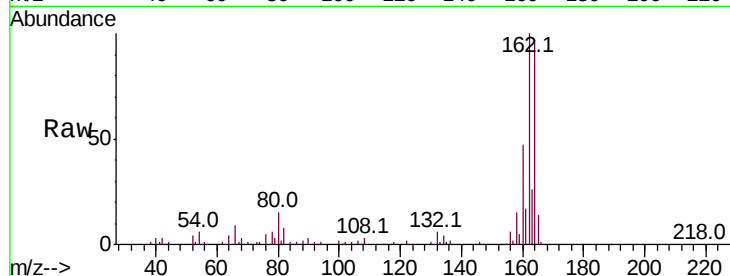
Ion Ratio Lower Upper

165 100

63 2.7 40.0 60.0#

89 0.0 64.6 96.8#

182 0.0 2.9 4.3#

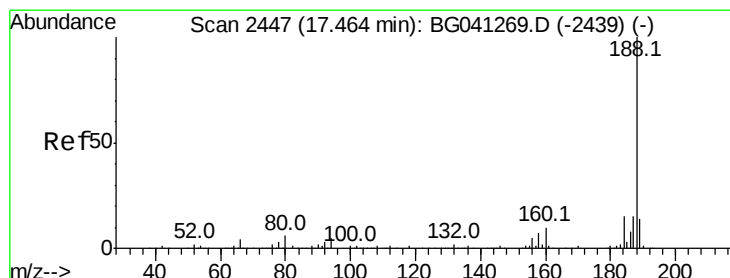
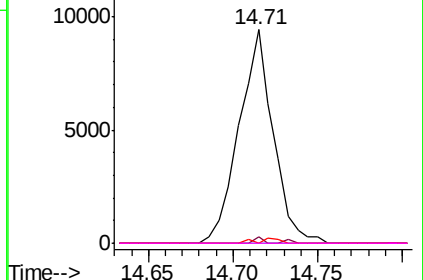
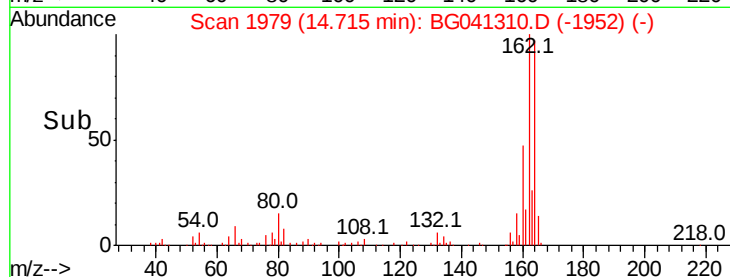


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

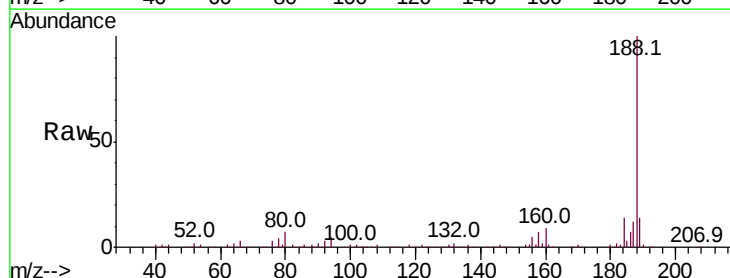
Tgt Ion:188 Resp: 251672

Ion Ratio Lower Upper

188 100

94 4.6 3.6 5.4

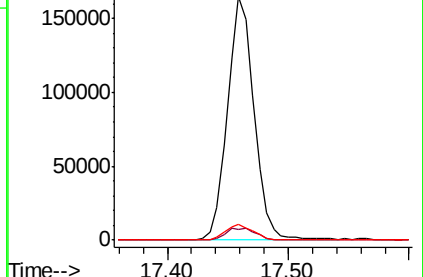
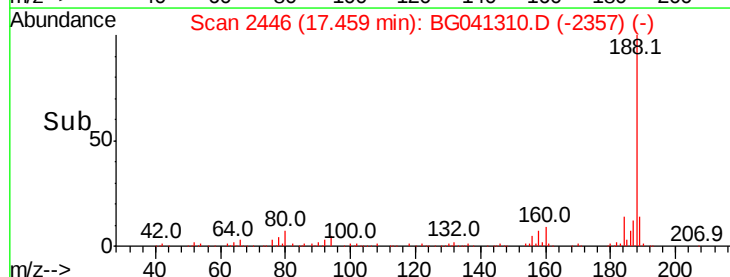
80 6.6 4.8 7.2

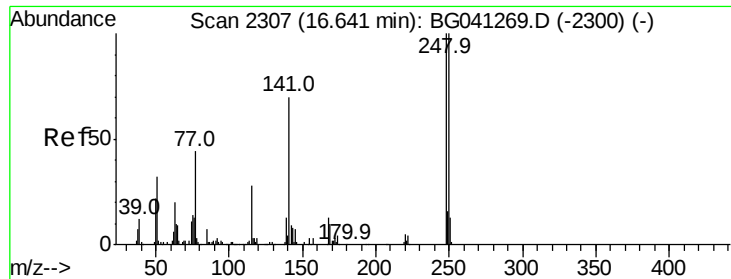


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

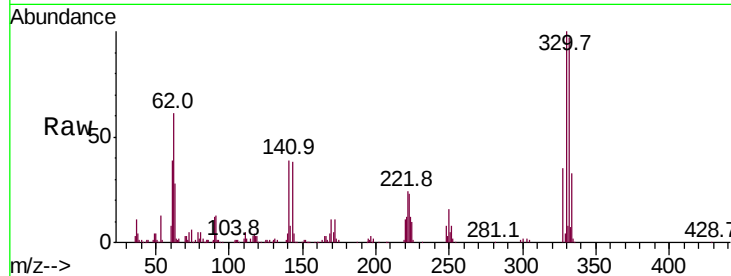




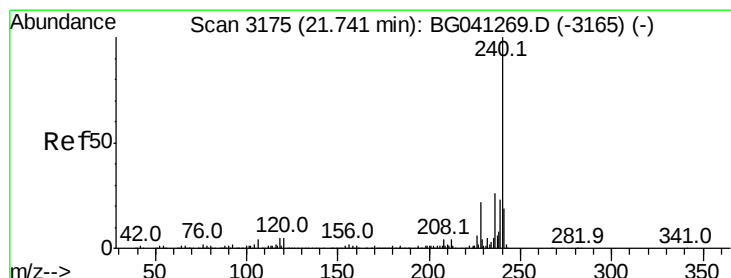
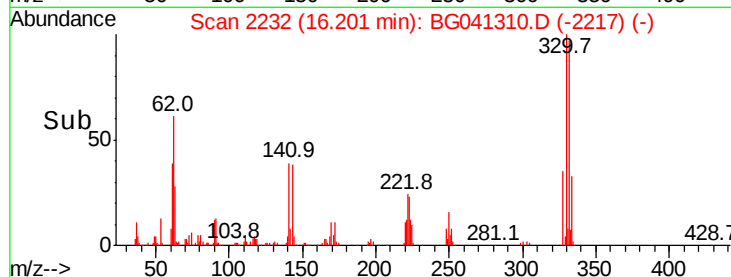
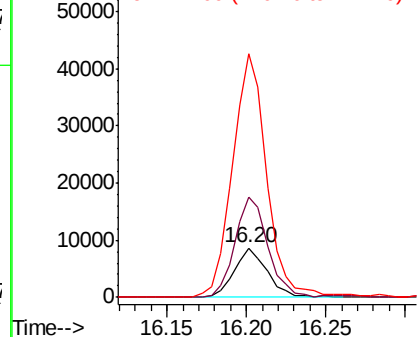
#67
4-Bromophenyl-phenylether
Concen: 3.810 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.44 min
Lab File: BG041310.D
Acq: 18 Jun 2019 23:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 12400
Ion Ratio Lower Upper
248 100
250 204.8 79.8 119.8#
141 494.1 55.8 83.6#

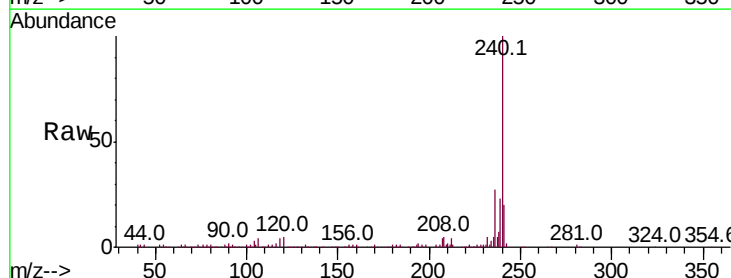


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

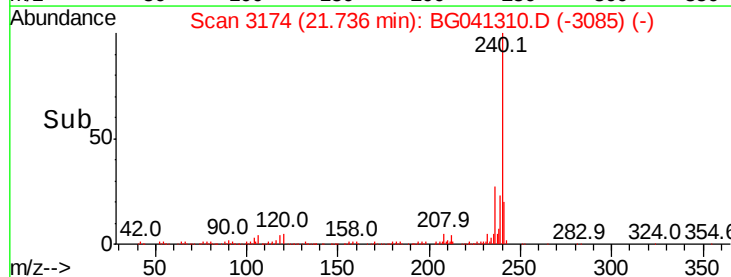
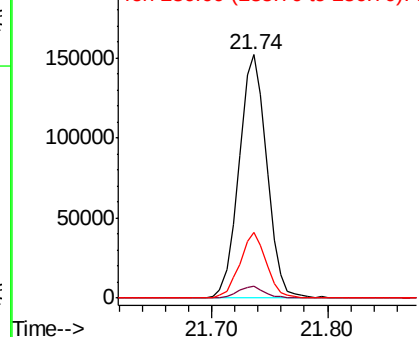


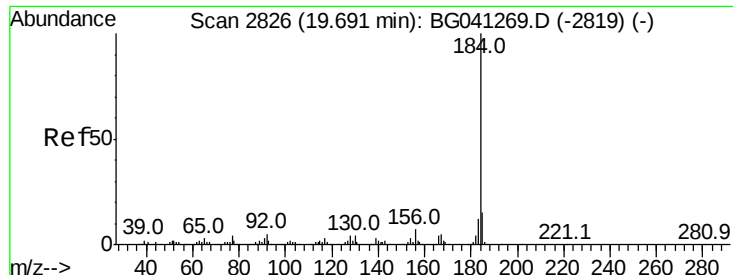
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG041310.D
Acq: 18 Jun 2019 23:10

Tgt Ion:240 Resp: 252608
Ion Ratio Lower Upper
240 100
120 4.9 3.7 5.5
236 27.0 21.1 31.7



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





#77

Benzidine

Concen: 2.693 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.36 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Instrument :

BNA_G

ClientSampleId :

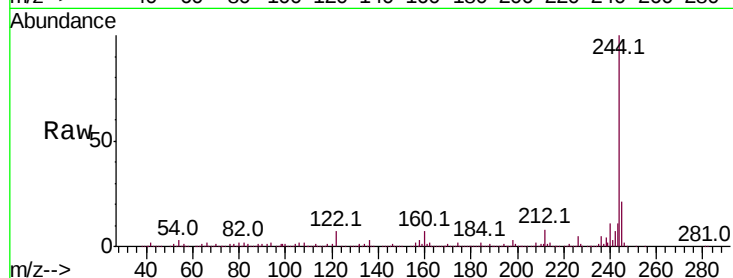
Tot Ion:184 Resp: 16457

Ion Ratio Lower Upper

184 100

185 17.0 12.2 18.2

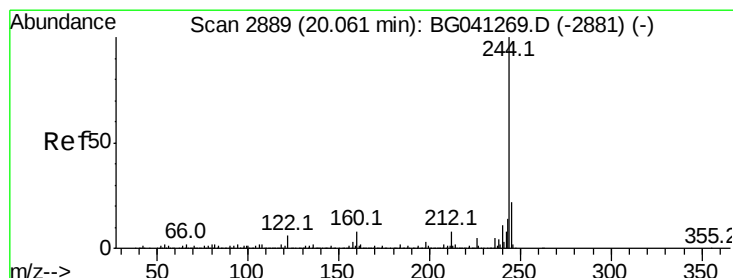
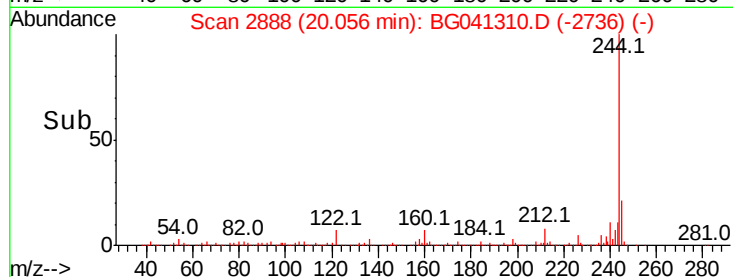
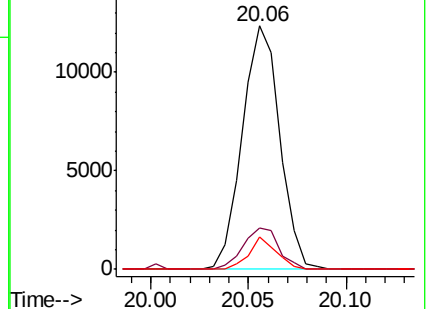
183 13.3 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 76.392 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

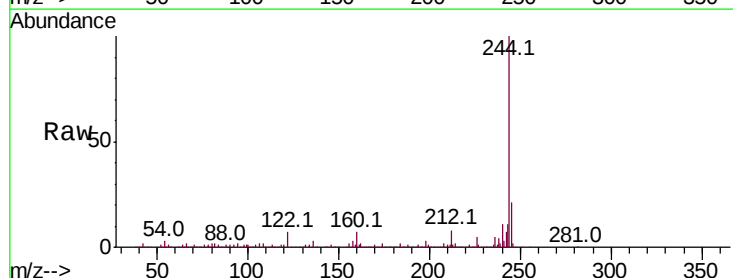
Tgt Ion:244 Resp: 973725

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

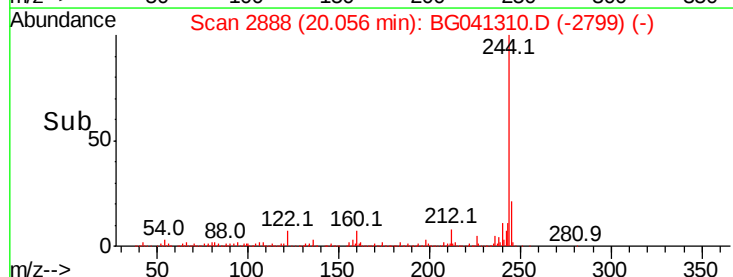
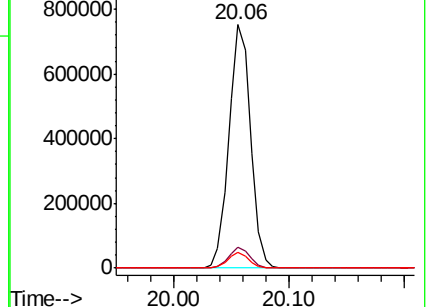
122 6.6 5.0 7.4

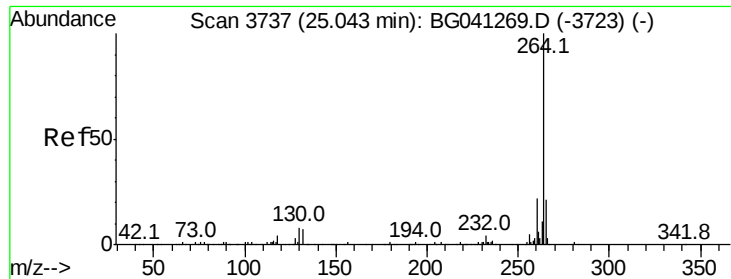


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041310.D
Acq: 18 Jun 2019 23:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.2
265	22.7	17.2	25.8

