

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041329.D
 Acq On : 19 Jun 2019 15:42
 Operator : HP/JU
 Sample : K3154-09 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 16:32:43 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

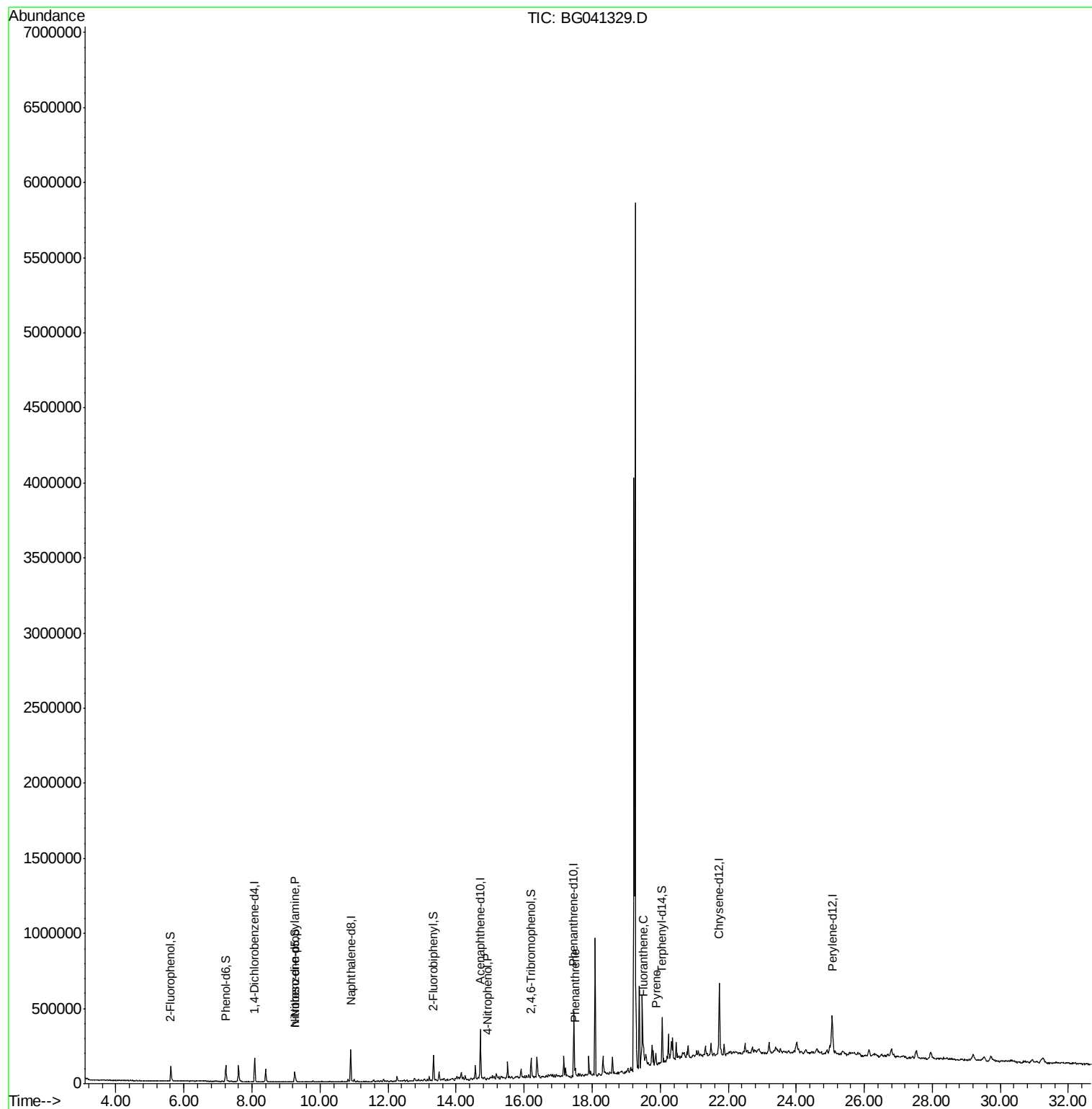
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	43069	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172144	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116135	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	270924	20.00	ng	0.00
76) Chrysene-d12	21.74	240	280769	20.00	ng	0.00
87) Perylene-d12	25.06	264	305056	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	40723	17.37	ng	0.00
7) Phenol-d6	7.23	99	57788	17.01	ng	0.00
23) Nitrobenzene-d5	9.26	82	44698	10.92	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	25439	14.27	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	89635	10.49	ng	0.00
79) Terphenyl-d14	20.06	244	148455	10.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	6652	2.421	ng	Qvalue # 80
56) 4-Nitrophenol	14.94	139	74	3.259	ng	# 14
71) Phenanthrene	17.50	178	32293	2.235	ng	94
75) Fluoranthene	19.51	202	53365	2.780	ng	99
78) Pyrene	19.87	202	52514	2.773	ng	96

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

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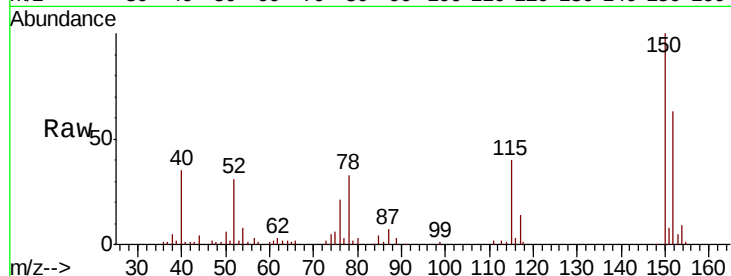


#1

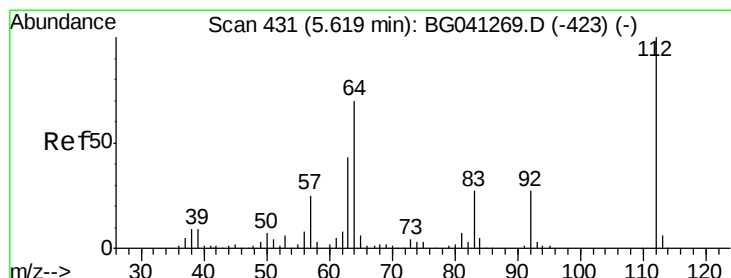
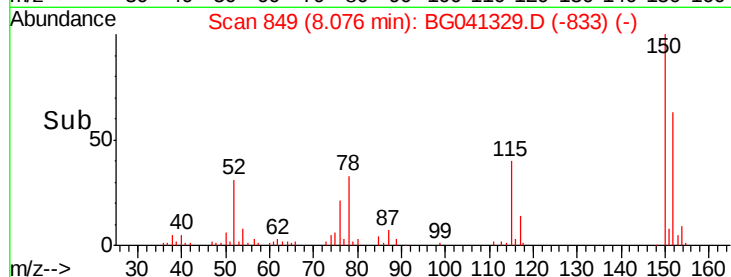
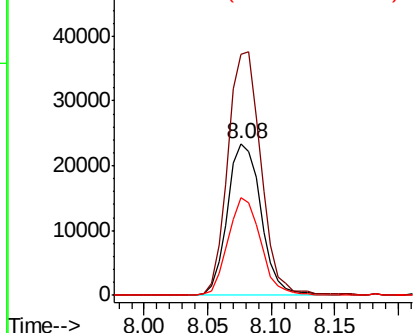
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43069
Ion Ratio Lower Upper
152 100
150 158.5 120.6 181.0
115 63.9 47.9 71.9



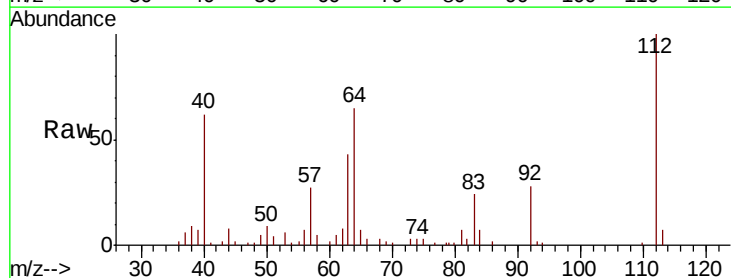
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



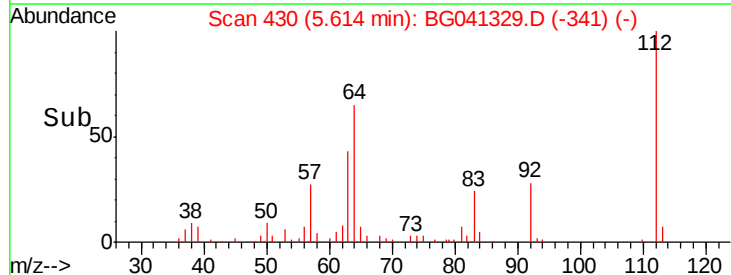
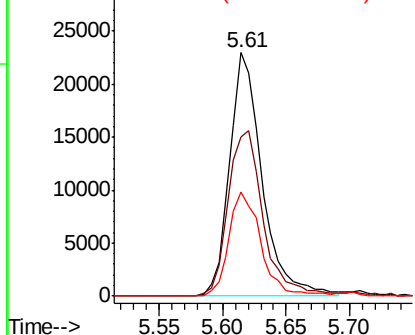
#5

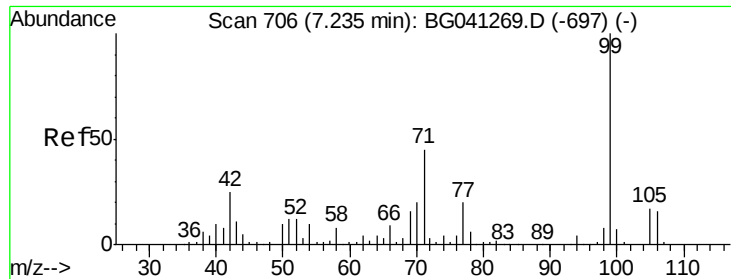
2-Fluorophenol
Concen: 17.373 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Tgt Ion:112 Resp: 40723
Ion Ratio Lower Upper
112 100
64 65.5 55.9 83.9
63 42.8 34.6 51.8



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: 17.008 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

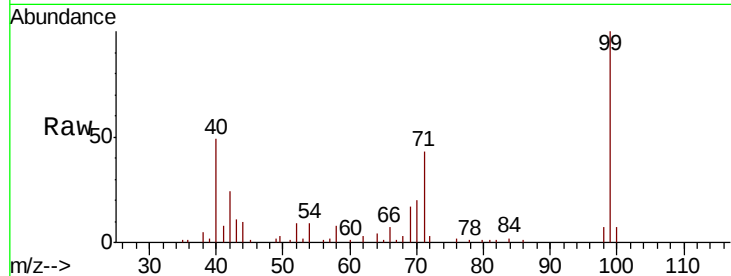
Tot Ion: 99 Resp: 57788

Ion Ratio Lower Upper

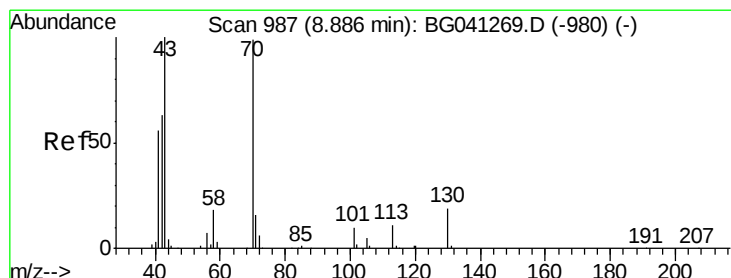
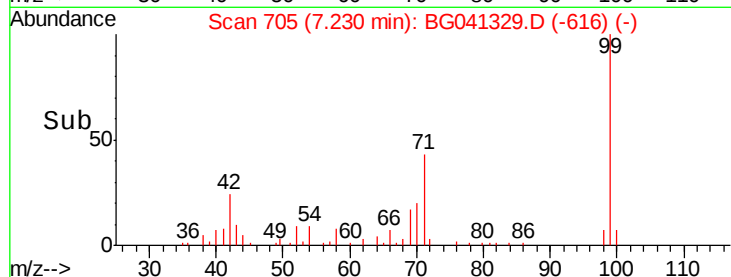
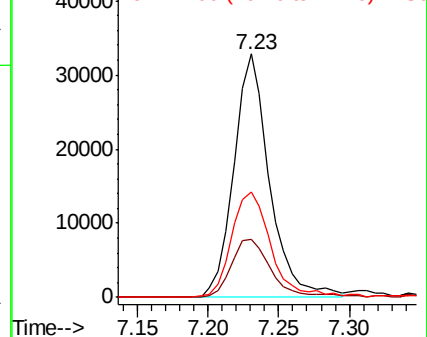
99 100

42 23.6 19.9 29.9

71 43.3 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: 2.421 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.38 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Tgt Ion: 70 Resp: 6652

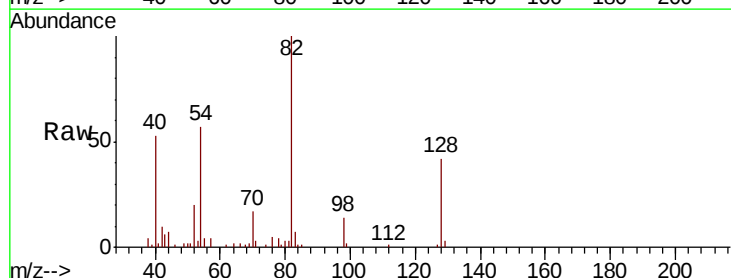
Ion Ratio Lower Upper

70 100

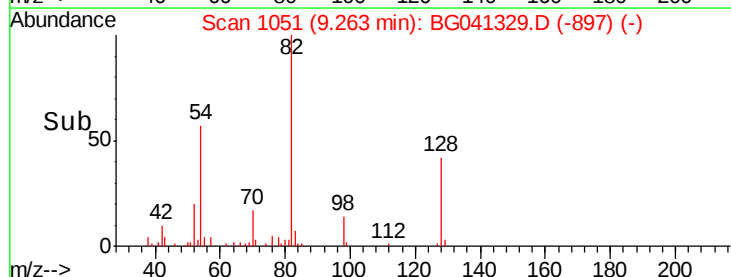
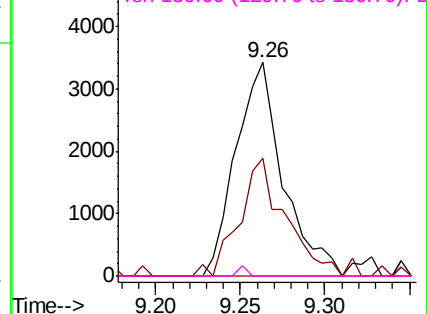
42 55.2 51.4 77.2

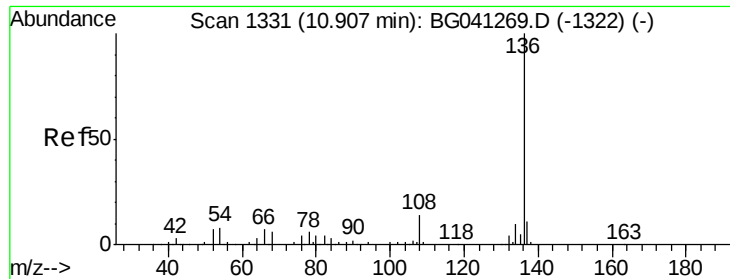
101 0.0 8.2 12.2#

130 0.0 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. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 172144

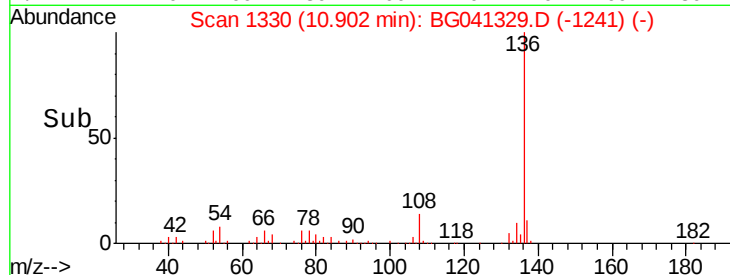
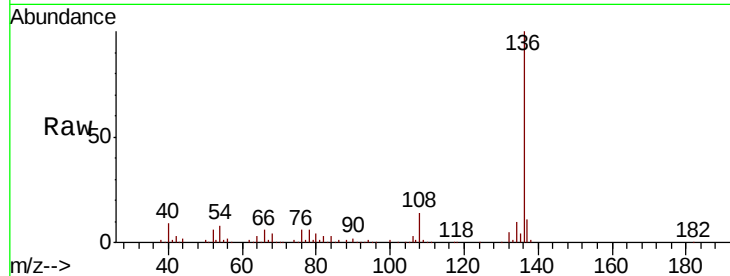
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.3 6.4 9.6

68 4.3 4.8 7.2#

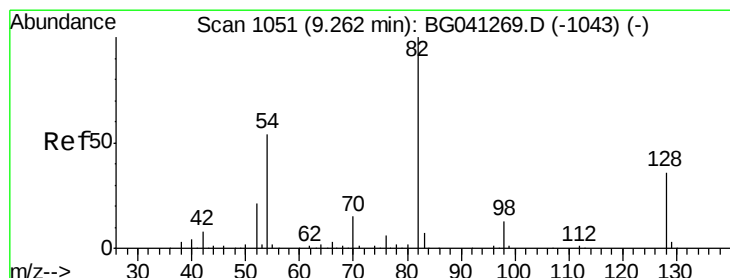
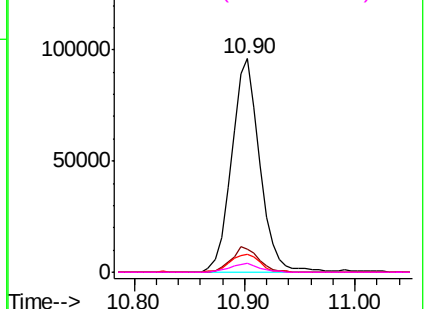


Abundance Ion 136.00 (135.70 to 136.70): E

150000 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: 10.920 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

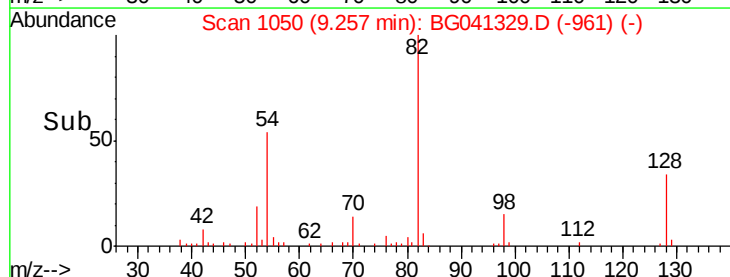
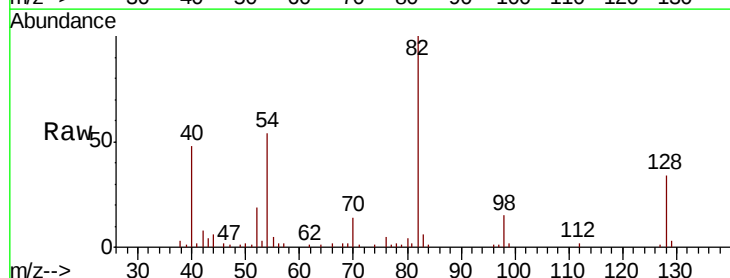
Tgt Ion: 82 Resp: 44698

Ion Ratio Lower Upper

82 100

128 34.1 29.2 43.8

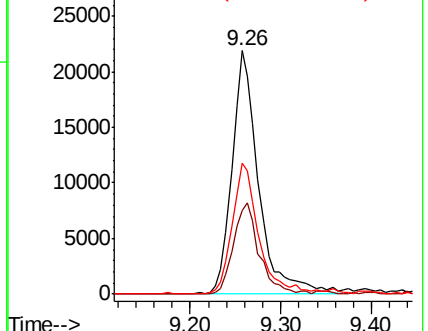
54 54.0 43.4 65.0

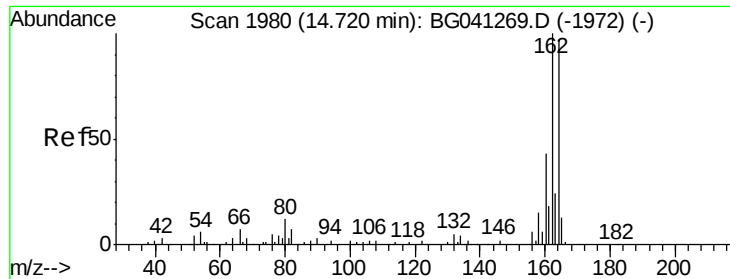


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Instrument :

BNA_G

ClientSampled :

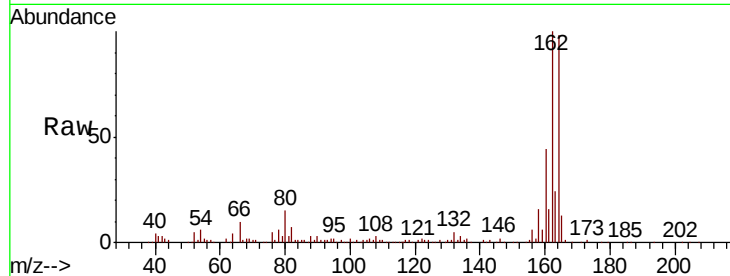
Tot Ion:164 Resp: 116135

Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

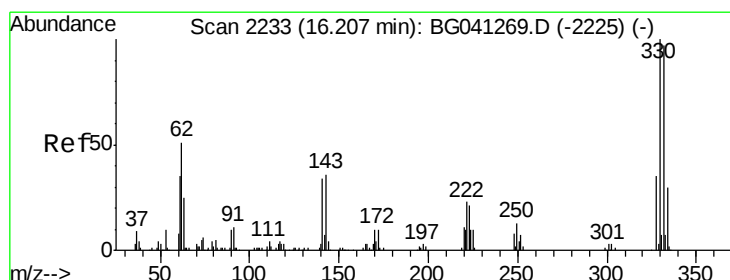
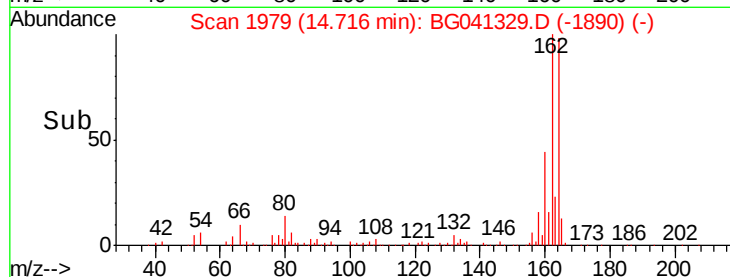
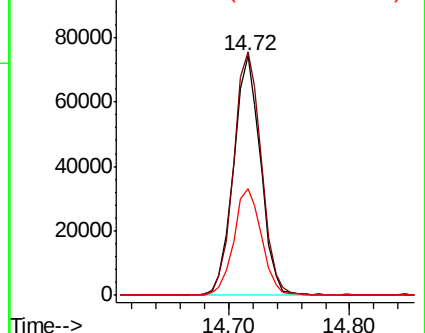
160 44.8 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 14.268 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

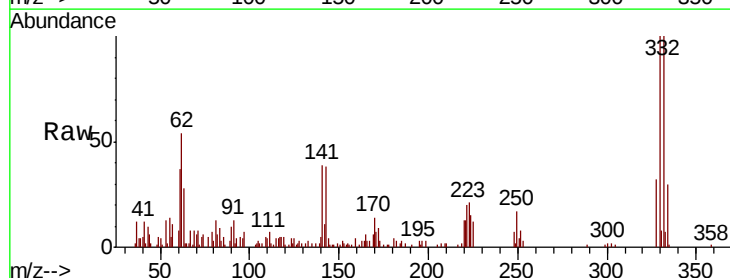
Tgt Ion:330 Resp: 25439

Ion Ratio Lower Upper

330 100

332 100.9 75.5 113.3

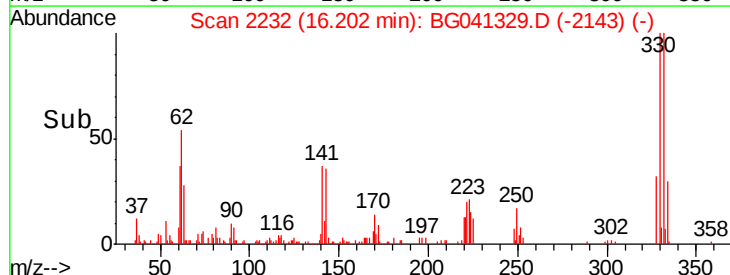
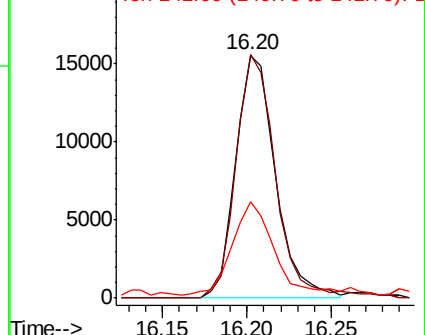
141 39.6 29.0 43.4

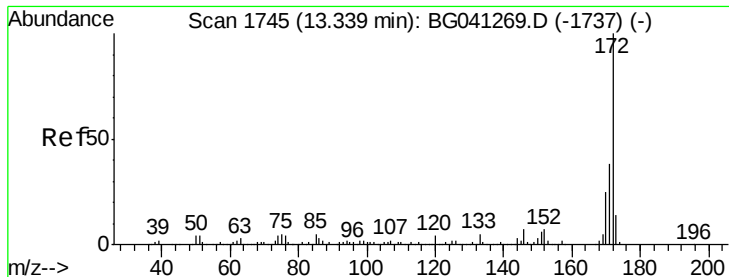


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

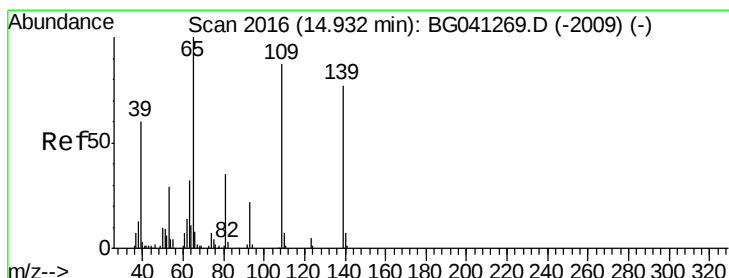
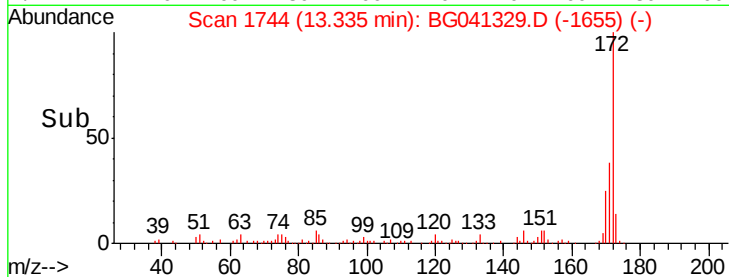
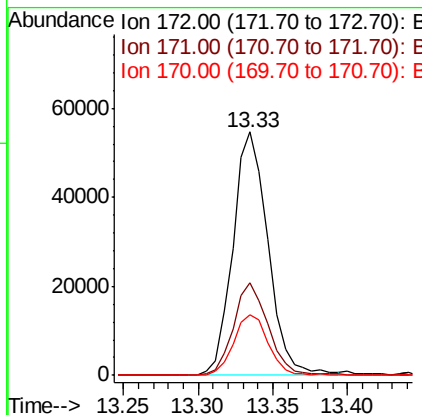
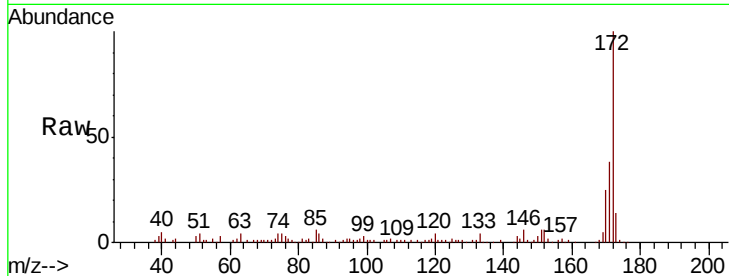




#45
 2-Fluorobiphenyl
 Concen: 10.490 ng
 RT: 13.33 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041329.D
 Acq: 19 Jun 2019 15:42

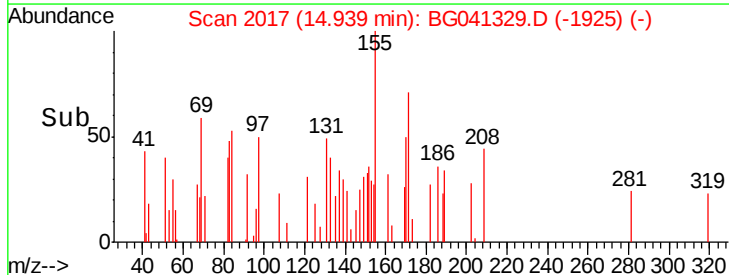
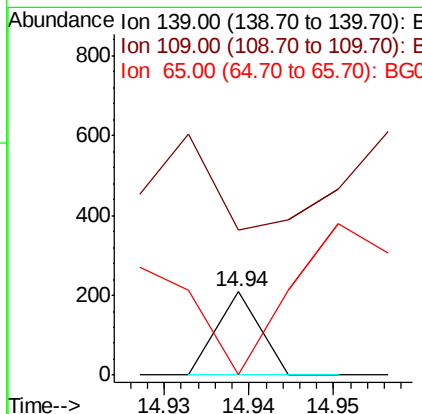
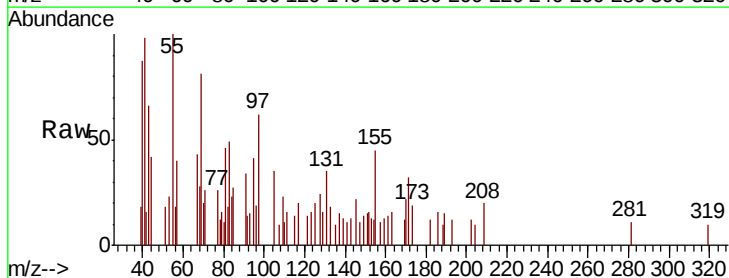
Instrument :
 BNA_G
 ClientSampleId :

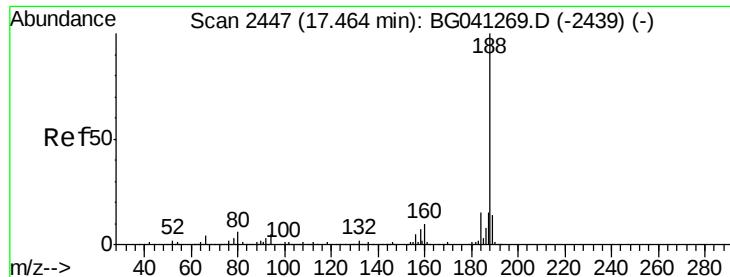
Tot Ion:172 Resp: 89635
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.8 19.8 29.6



#56
 4-Nitrophenol
 Concen: 3.259 ng
 RT: 14.94 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BG041329.D
 Acq: 19 Jun 2019 15:42

Tgt Ion:139 Resp: 74
 Ion Ratio Lower Upper
 139 100
 109 173.7 93.2 133.2#
 65 0.0 110.2 150.2#

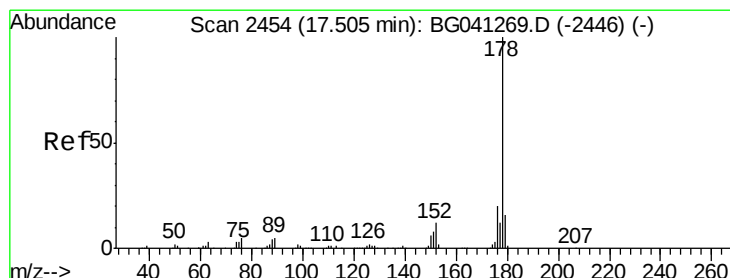
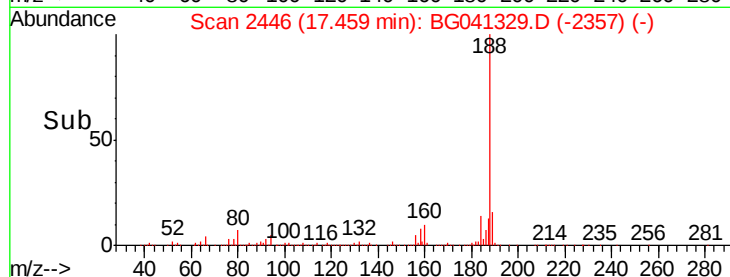
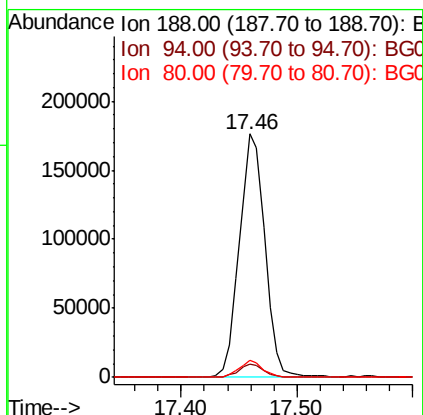
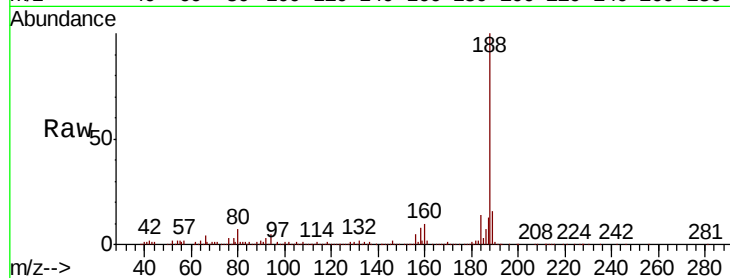




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

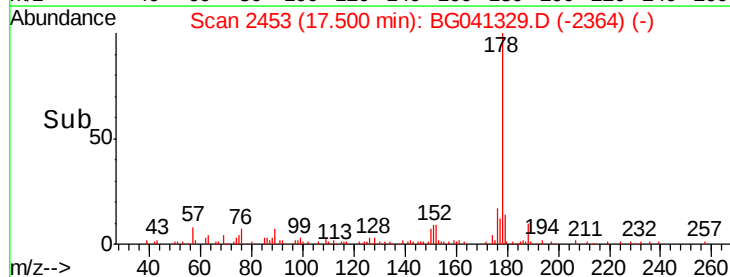
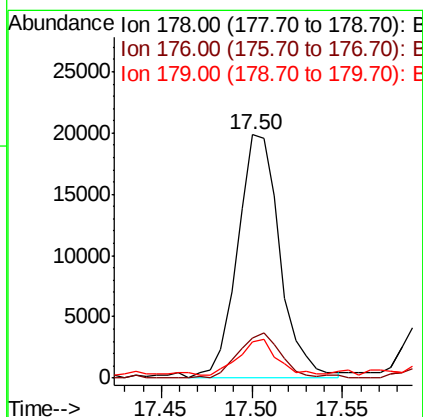
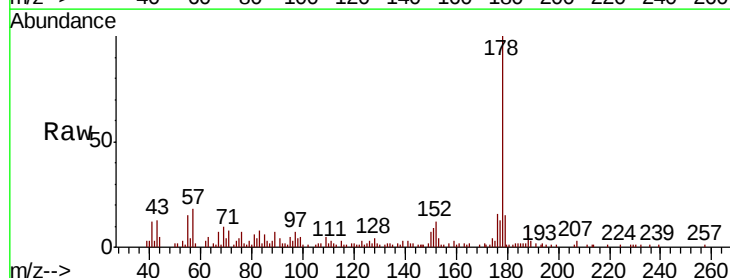
Instrument :
BNA_G
ClientSampleId :

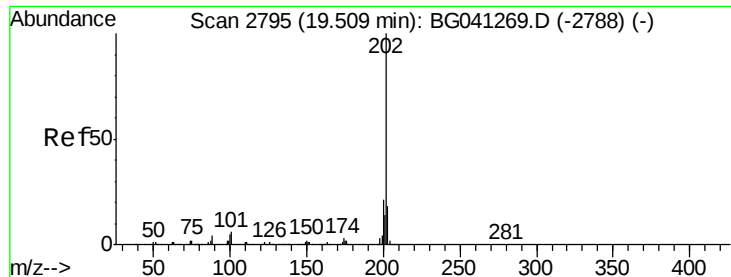
Tot Ion:188 Resp: 270924
Ion Ratio Lower Upper
188 100
94 5.5 3.6 5.4#
80 7.0 4.8 7.2



#71
Phenanthrene
Concen: 2.235 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Tgt Ion:178 Resp: 32293
Ion Ratio Lower Upper
178 100
176 16.4 16.1 24.1
179 15.0 12.9 19.3





#75

Fluoranthene

Concen: 2.780 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

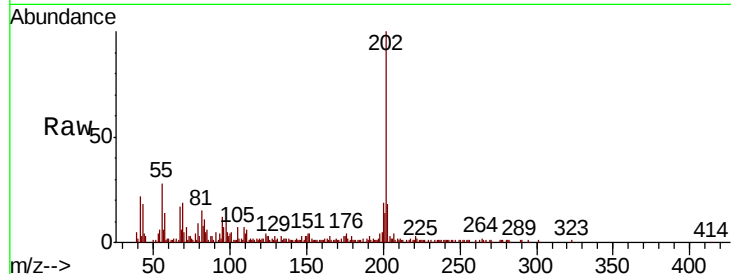
Tot Ion:202 Resp: 53365

Ion Ratio Lower Upper

202 100

101 5.5 0.0 26.0

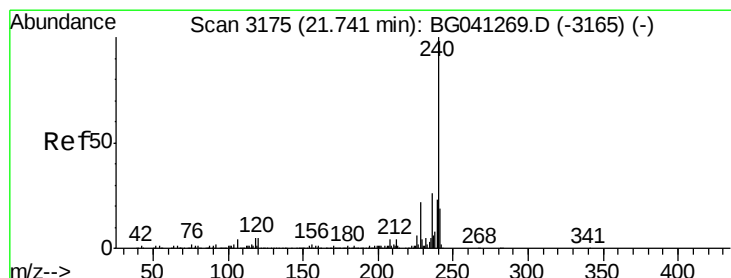
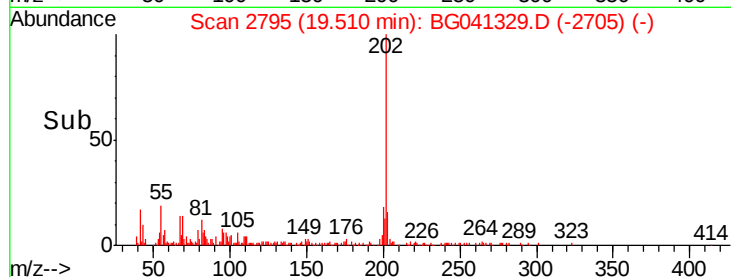
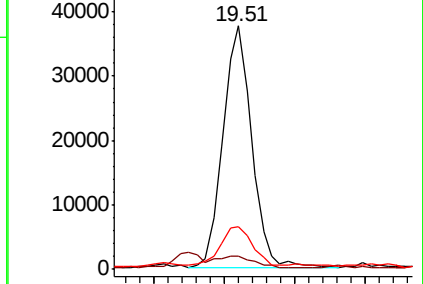
203 17.6 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

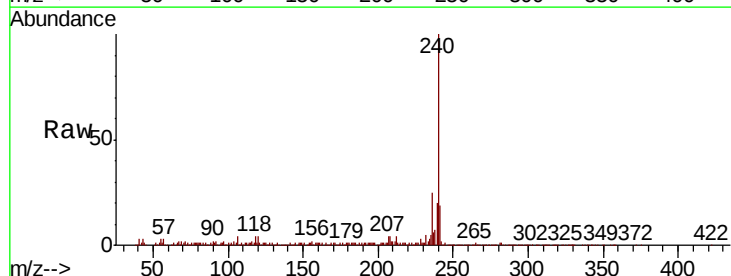
Tgt Ion:240 Resp: 280769

Ion Ratio Lower Upper

240 100

120 4.0 3.7 5.5

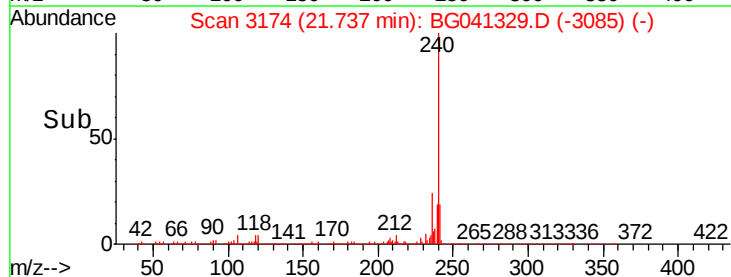
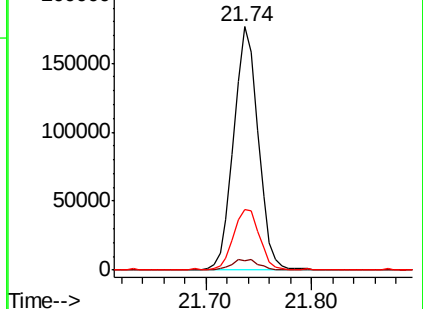
236 24.9 21.1 31.7

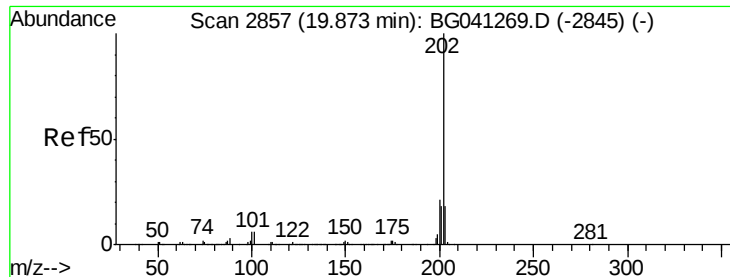


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.773 ng

RT: 19.87 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

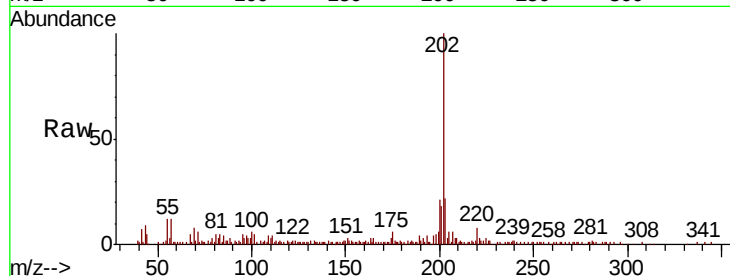
Tot Ion:202 Resp: 52514

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 21.7 14.6 21.8

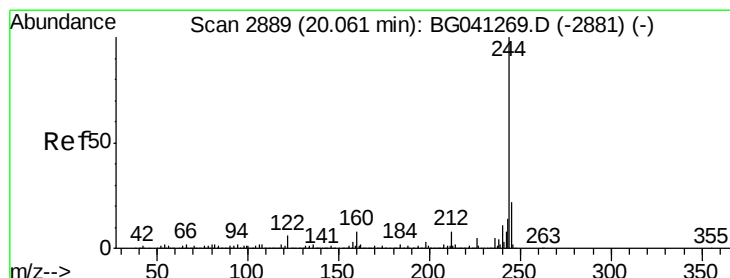
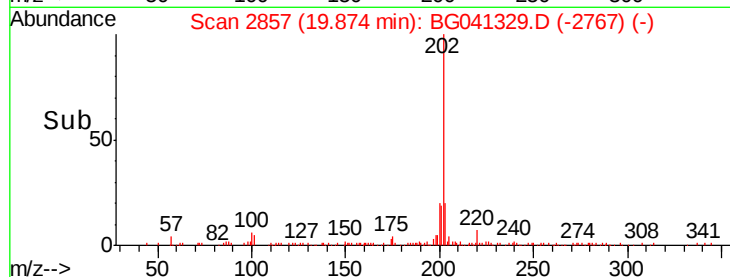
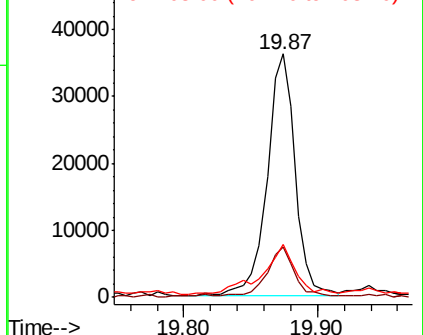


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 10.479 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

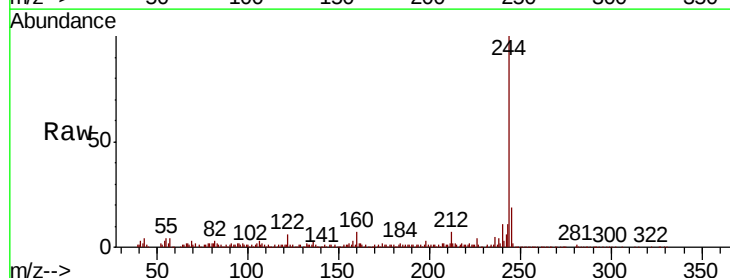
Tgt Ion:244 Resp: 148455

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

122 5.7 5.0 7.4

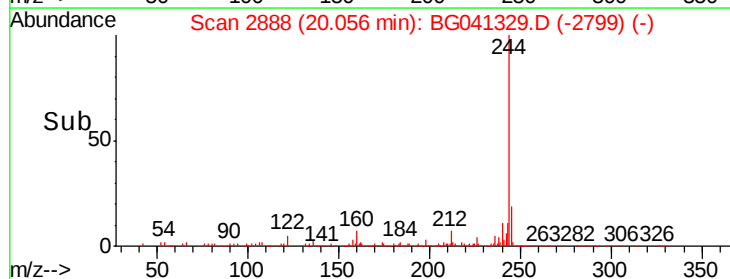
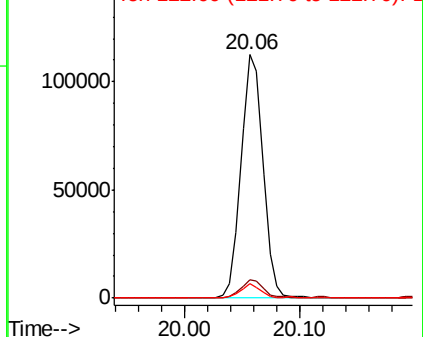


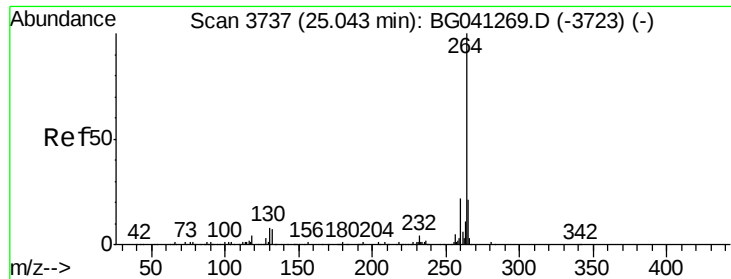
Abundance

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

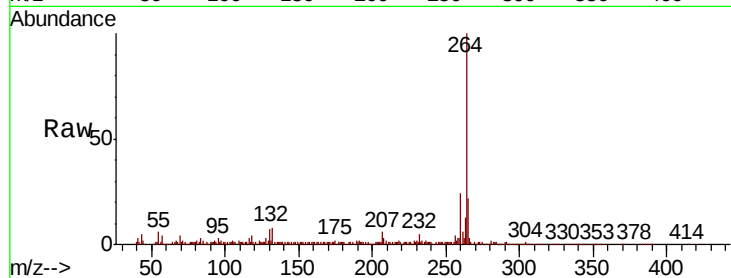




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3739
Delta R.T. 0.01 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.2
265	22.4	17.2	25.8



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

