

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041811.D
 Acq On : 30 Jul 2019 21:15
 Operator : HP/JU
 Sample : PB121837TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121837TB

Quant Time: Jul 31 01:21:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

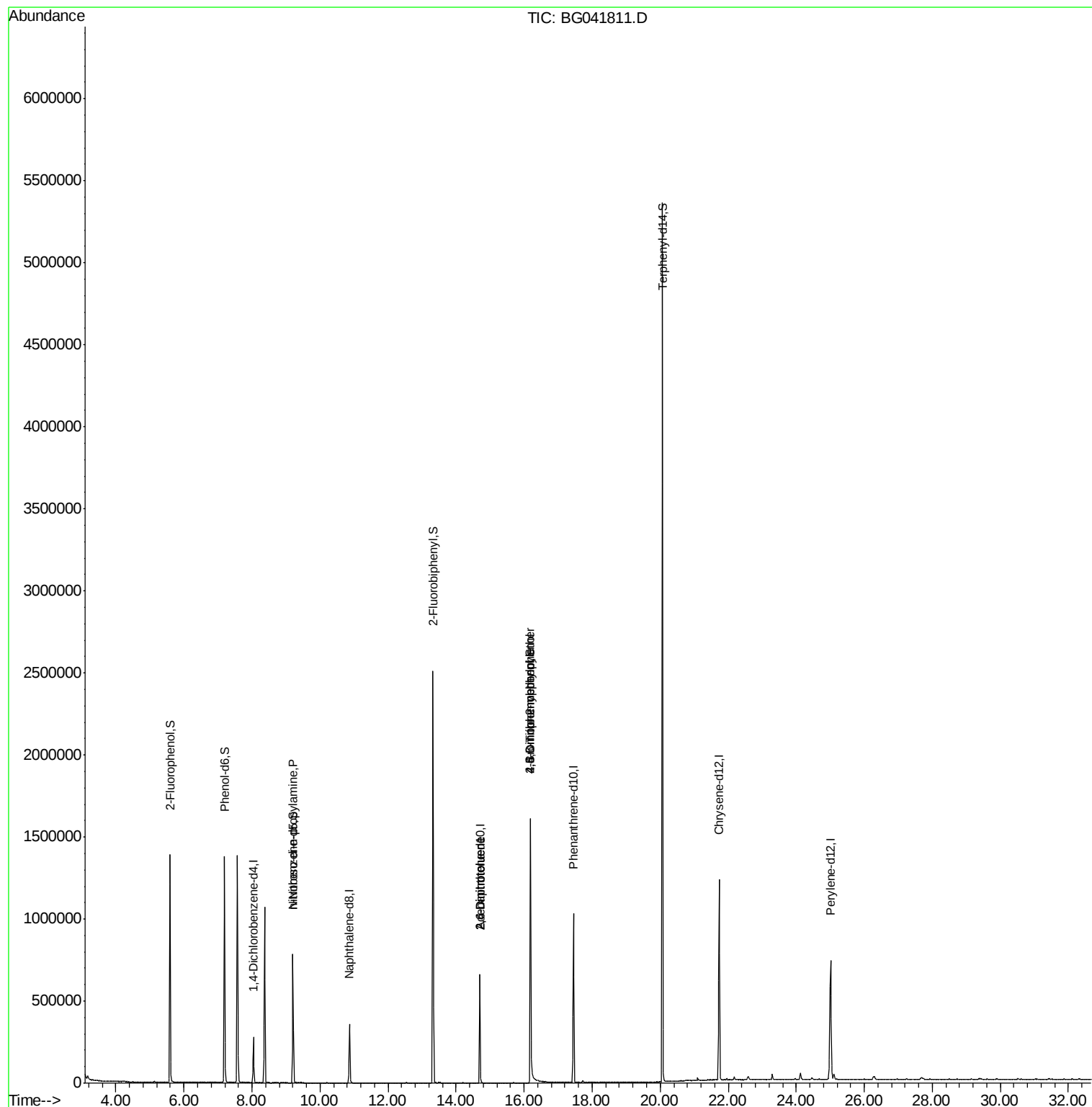
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	84447	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	332323	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	248326	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	662210	20.00	ng	0.00
76) Chrysene-d12	21.73	240	736040	20.00	ng	0.00
87) Perylene-d12	25.01	264	832924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	615722	141.86	ng	0.00
7) Phenol-d6	7.20	99	828473	141.58	ng	0.00
23) Nitrobenzene-d5	9.21	82	477631	98.91	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	378309	134.12	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1325905	94.17	ng	0.00
79) Terphenyl-d14	20.06	244	2561509	79.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	63896	15.041	ng	# 67
51) 2,6-Dinitrotoluene	14.70	165	32087	9.048	ng	# 27
57) 2,4-Dinitrotoluene	14.70	165	32087	6.579	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.19	198	1051	7.130	ng	# 13
67) 4-Bromophenyl-phenylether	16.19	248	28039	3.437	ng	# 1

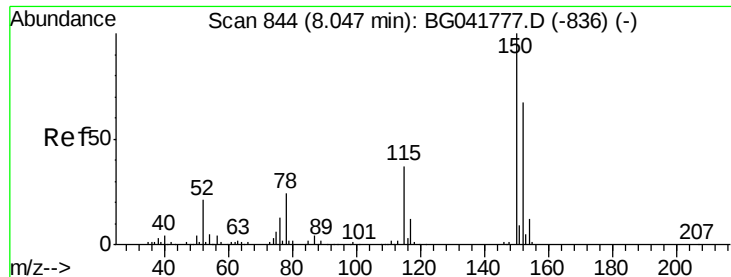
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



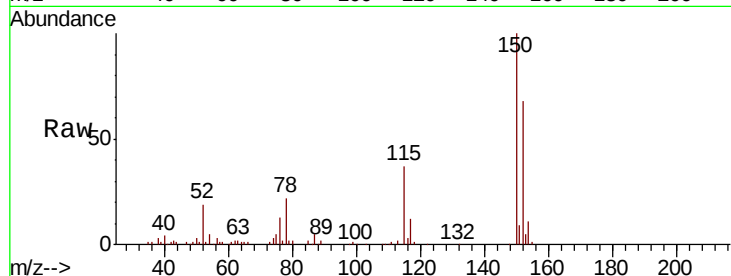


#1

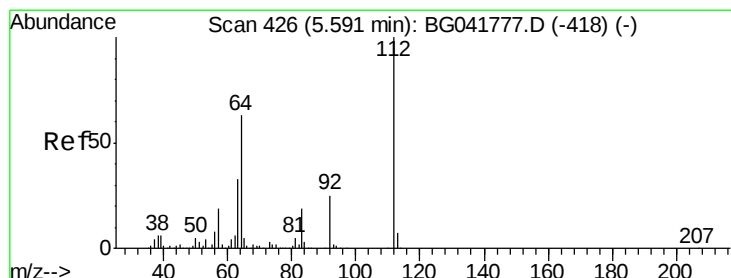
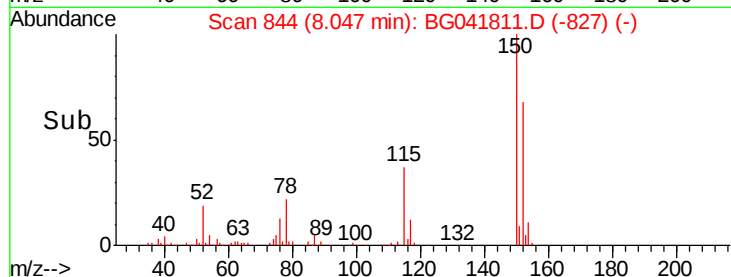
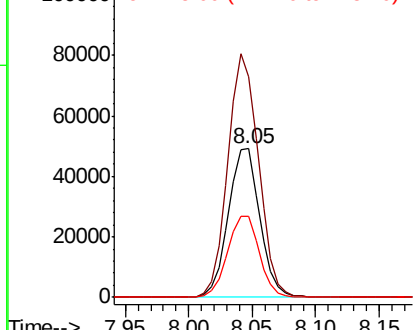
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041811.D
Acq: 30 Jul 2019 21:15

Instrument :
BNA_G
ClientSampleId :
PB121837TB

Tgt Ion:152 Resp: 84447
Ion Ratio Lower Upper
152 100
150 148.1 126.9 190.3
115 54.5 45.0 67.6



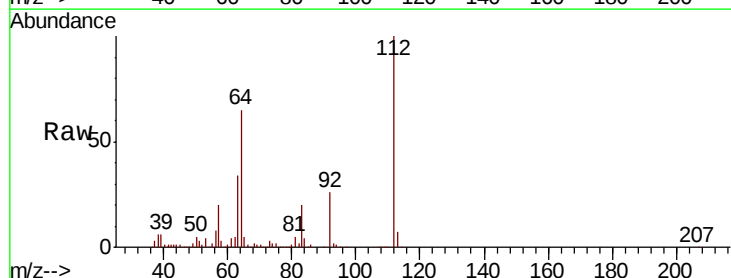
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



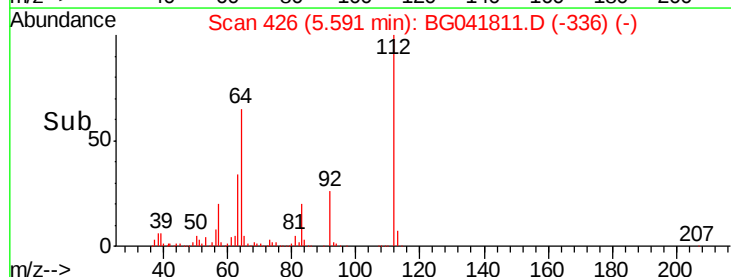
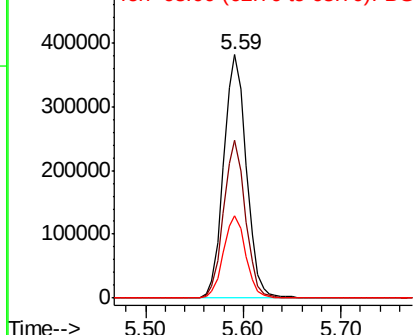
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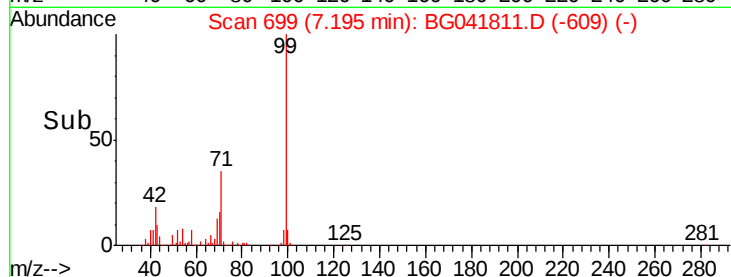
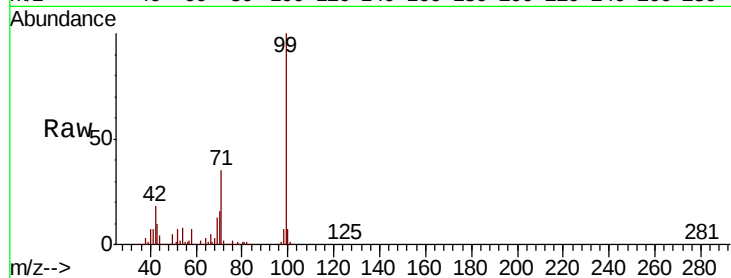
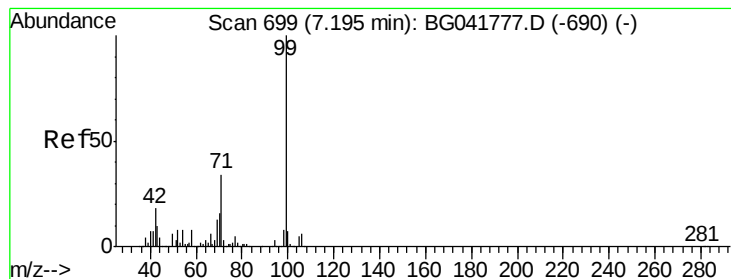
2-Fluorophenol
Concen: 141.860 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041811.D
Acq: 30 Jul 2019 21:15

Tgt Ion:112 Resp: 615722
Ion Ratio Lower Upper
112 100
64 64.6 55.4 83.2
63 33.8 29.1 43.7



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: 141.583 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041811.D

Acq: 30 Jul 2019 21:15

Instrument :

BNA_G

ClientSampleId :

PB121837TB

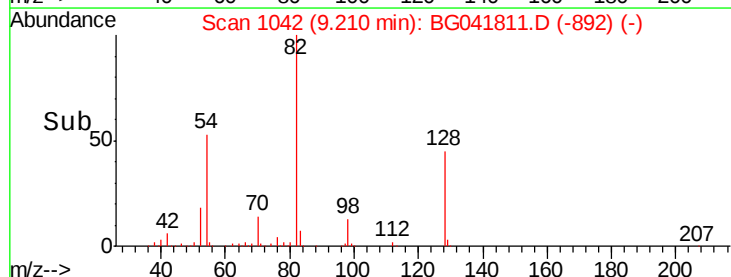
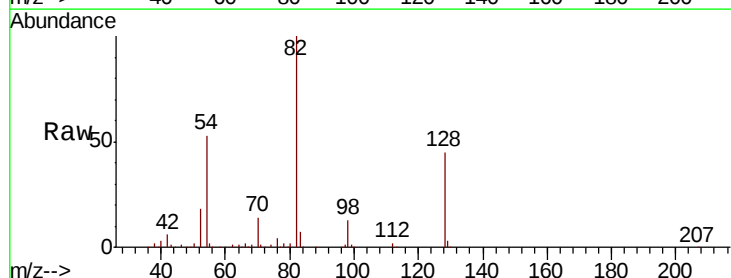
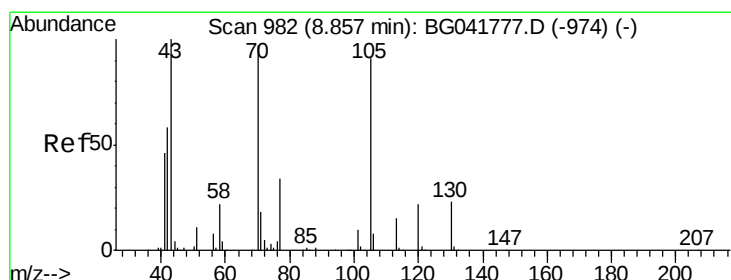
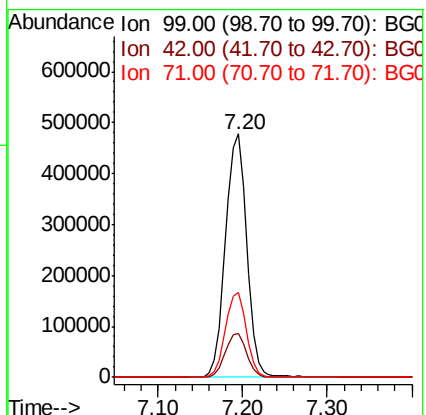
Tgt Ion: 99 Resp: 828473

Ion Ratio Lower Upper

99 100

42 17.9 17.6 26.4

71 34.8 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.041 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.35 min

Lab File: BG041811.D

Acq: 30 Jul 2019 21:15

Tgt Ion: 70 Resp: 63896

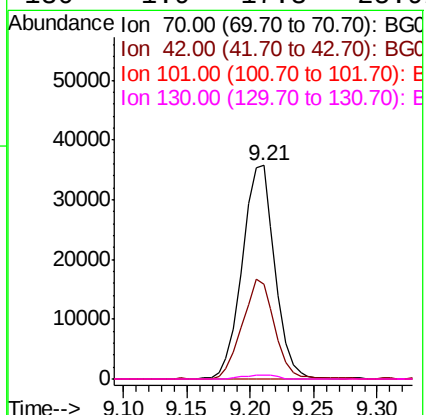
Ion Ratio Lower Upper

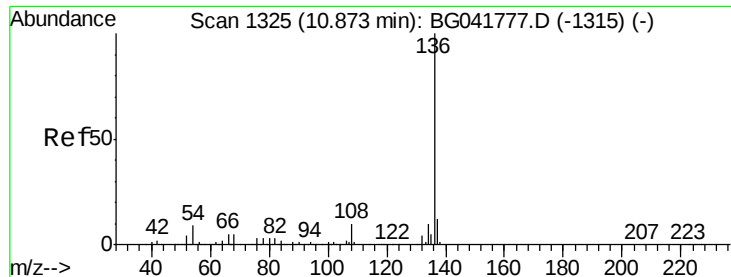
70 100

42 44.2 55.8 83.6#

101 0.0 8.1 12.1#

130 1.9 17.3 25.9#

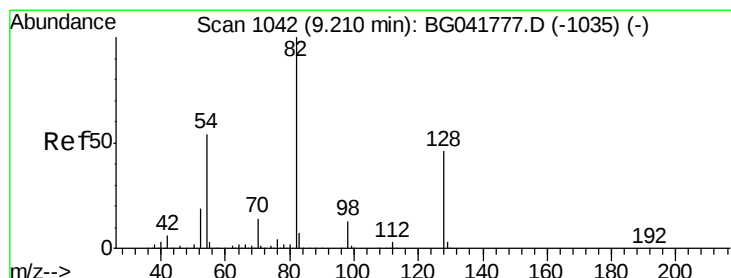
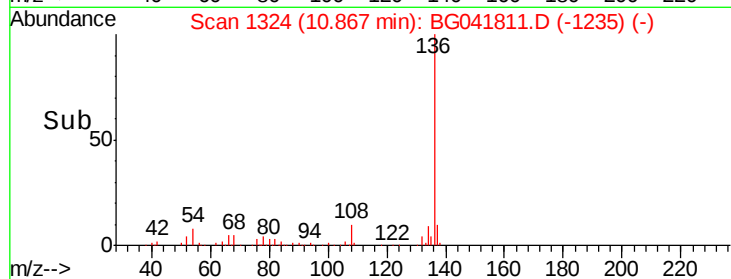
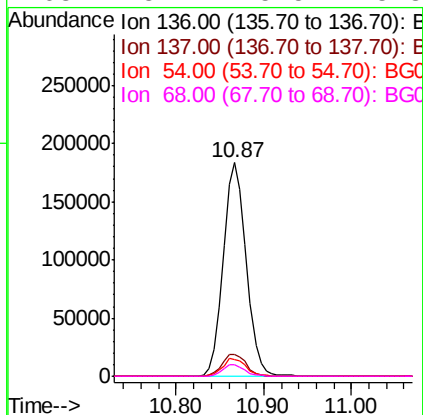
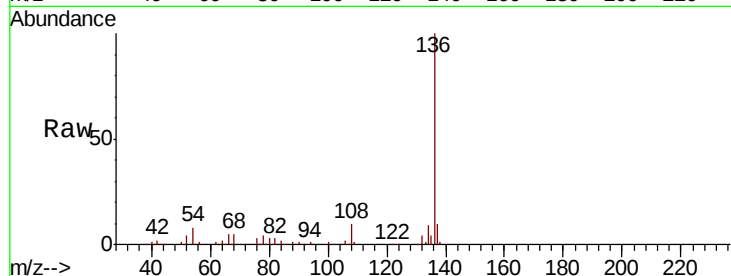




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041811.D
Acq: 30 Jul 2019 21:15

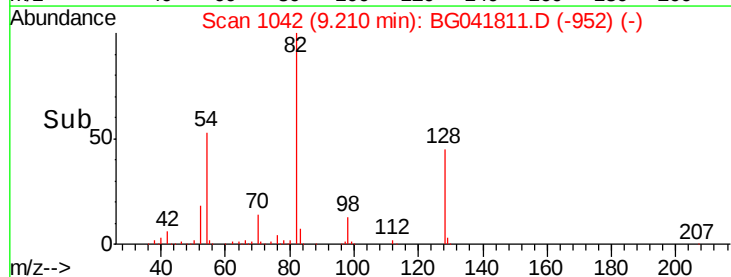
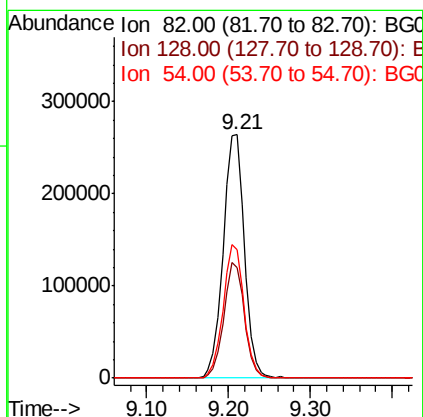
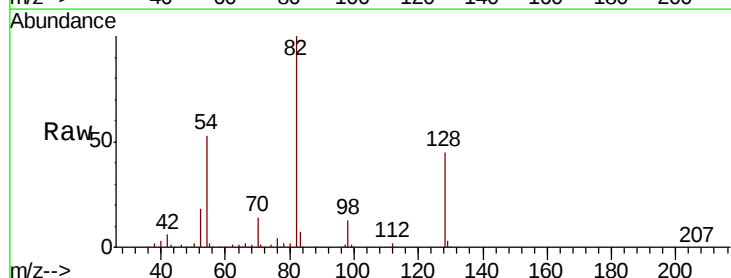
Instrument :
BNA_G
ClientSampleId :
PB121837TB

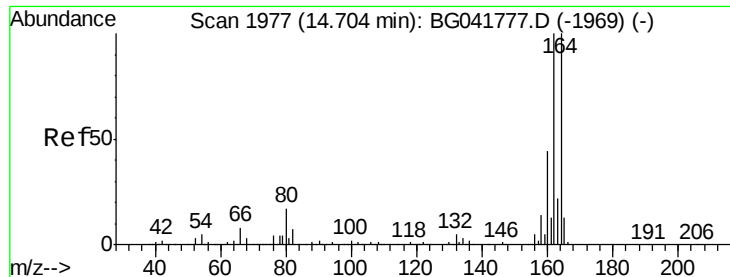
Tgt Ion:	136	Resp:	332323
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	8.1	8.7	13.1#
68	5.2	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 98.906 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041811.D
Acq: 30 Jul 2019 21:15

Tgt Ion:	82	Resp:	477631
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.1	52.7
54	52.9	48.7	73.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041811.D

Acq: 30 Jul 2019 21:15

Instrument :

BNA_G

ClientSampleId :

PB121837TB

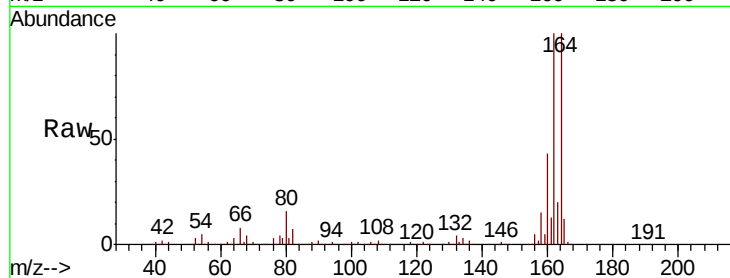
Tgt Ion:164 Resp: 248326

Ion Ratio Lower Upper

164 100

162 99.5 79.6 119.4

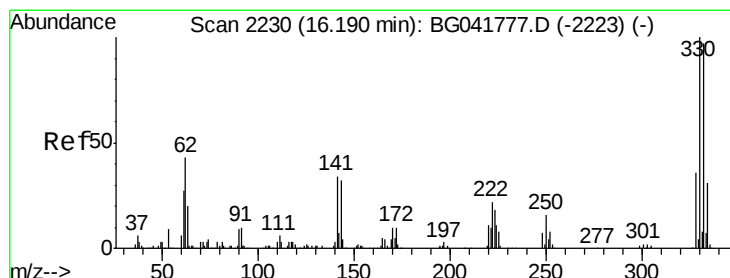
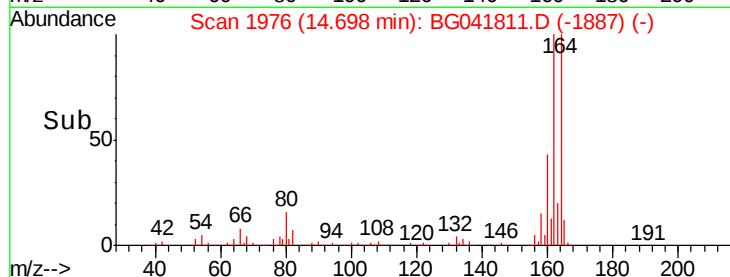
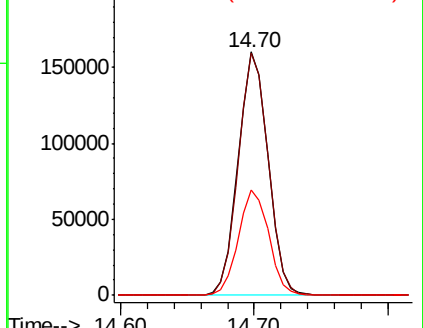
160 43.0 35.4 53.0



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: 134.122 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041811.D

Acq: 30 Jul 2019 21:15

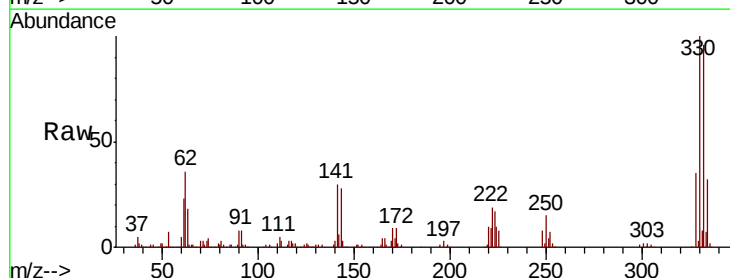
Tgt Ion:330 Resp: 378309

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

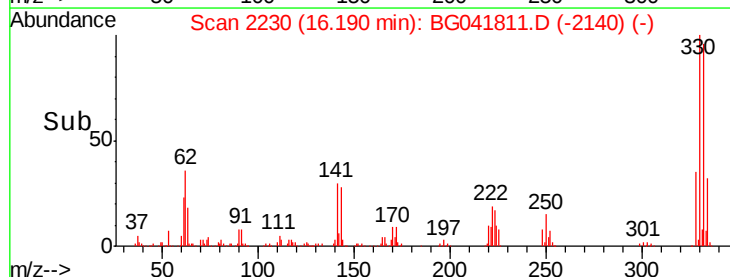
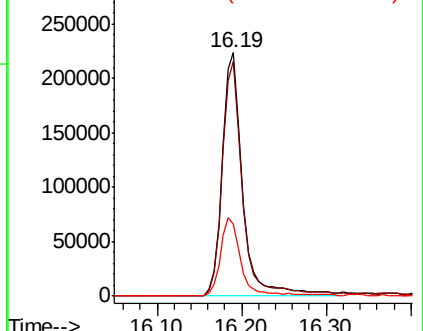
141 32.2 31.9 47.9

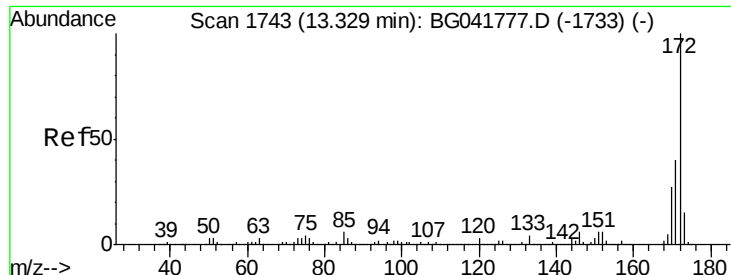


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

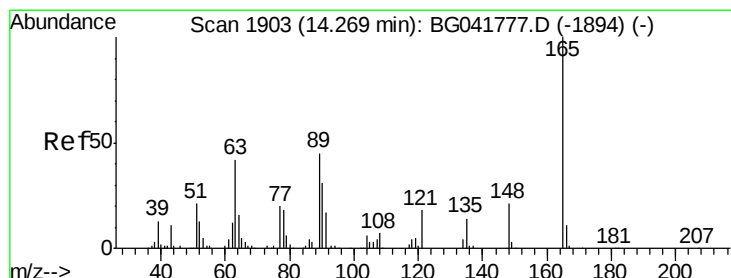
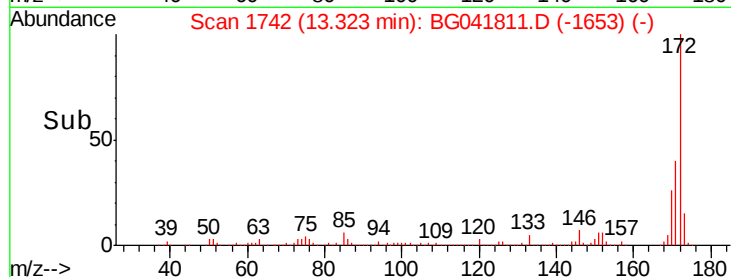
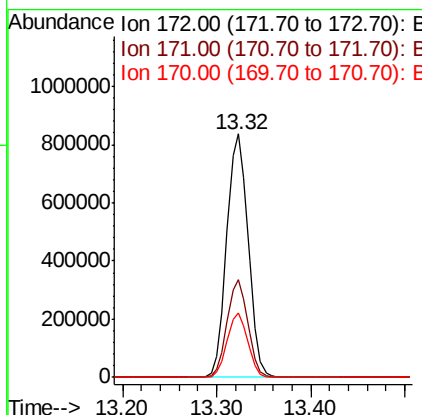
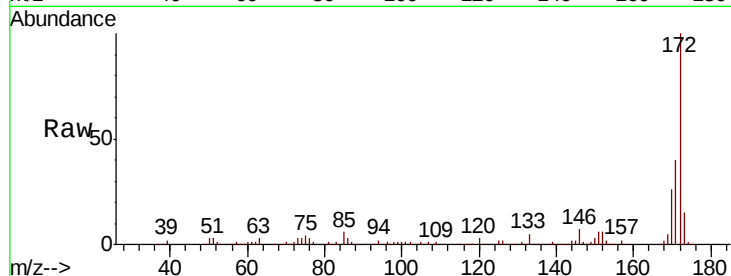




#45
 2-Fluorobiphenyl
 Concen: 94.172 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041811.D
 Acq: 30 Jul 2019 21:15

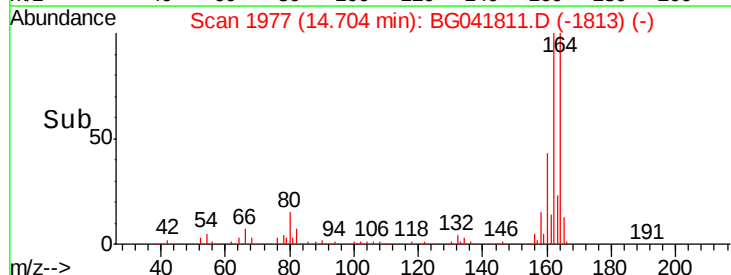
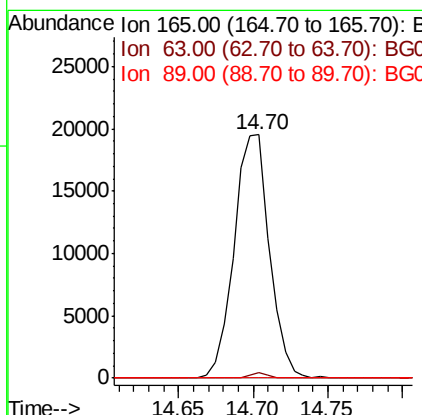
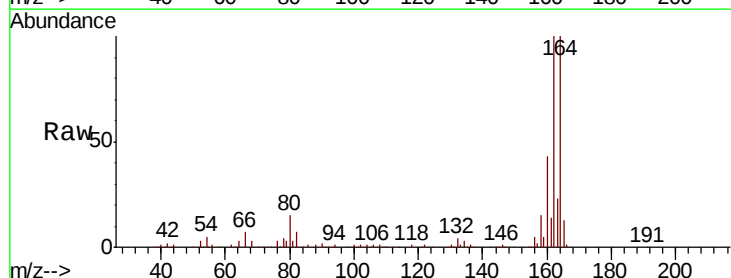
Instrument :
 BNA_G
 ClientSampled :
 PB121837TB

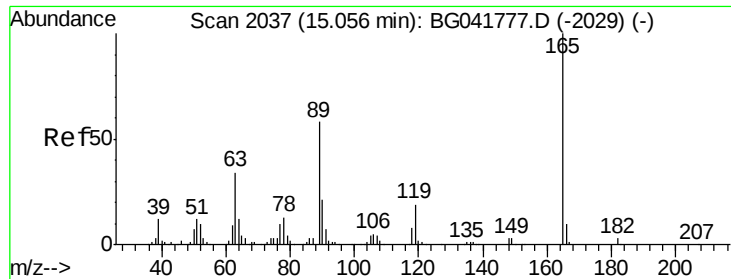
Tgt Ion:172 Resp: 1325905
 Ion Ratio Lower Upper
 172 100
 171 40.2 35.0 52.4
 170 26.5 23.5 35.3



#51
 2,6-Dinitrotoluene
 Concen: 9.048 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. 0.44 min
 Lab File: BG041811.D
 Acq: 30 Jul 2019 21:15

Tgt Ion:165 Resp: 32087
 Ion Ratio Lower Upper
 165 100
 63 2.2 42.4 63.6#
 89 0.0 42.1 63.1#

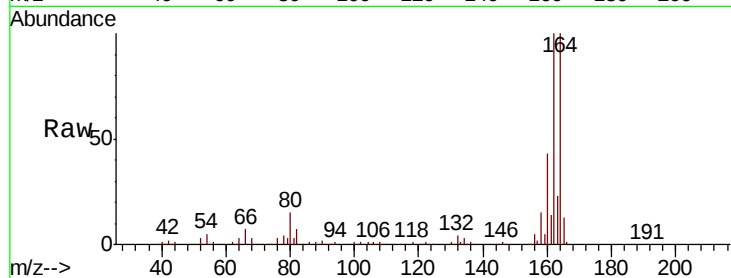




#57
 2,4-Dinitrotoluene
 Concen: 6.579 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.35 min
 Lab File: BG041811.D
 Acq: 30 Jul 2019 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB121837TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#

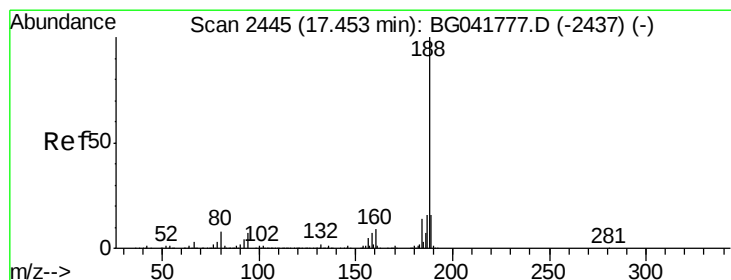
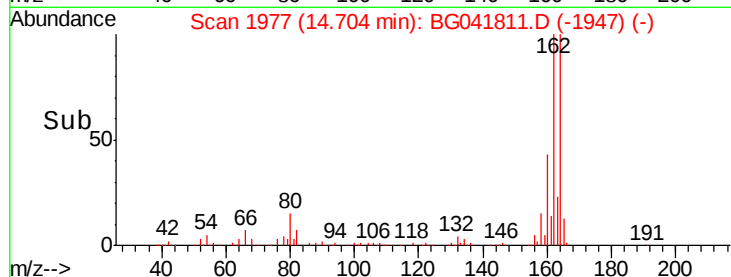
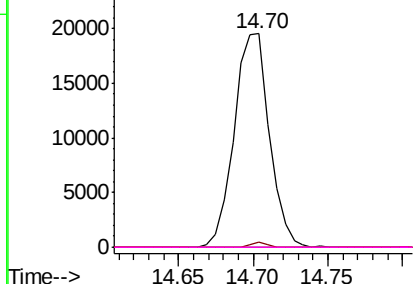


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

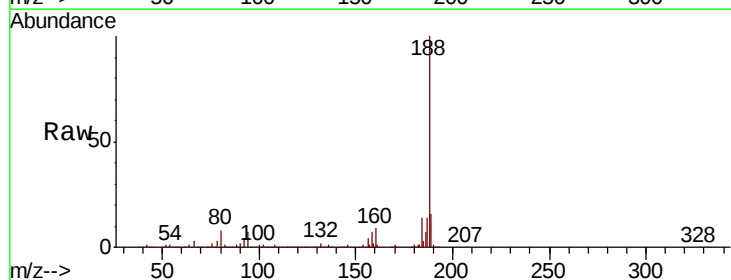
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BG041811.D
 Acq: 30 Jul 2019 21:15

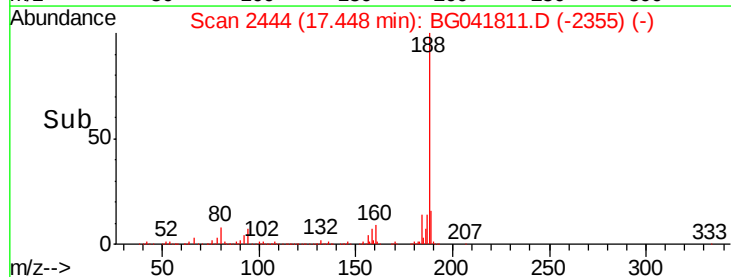
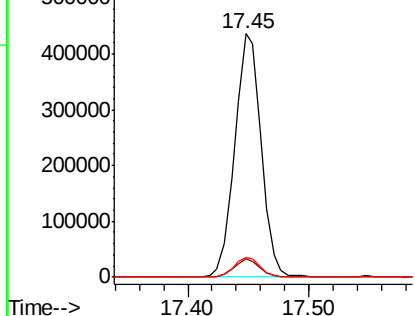
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.1	8.0	12.0

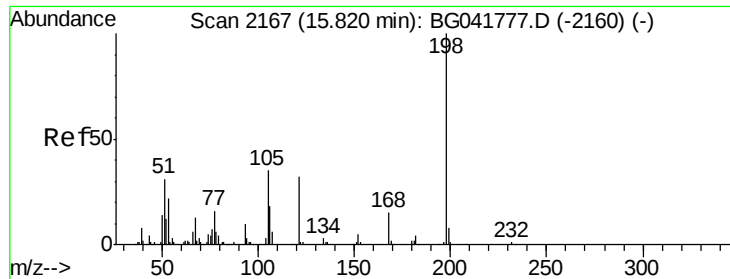


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

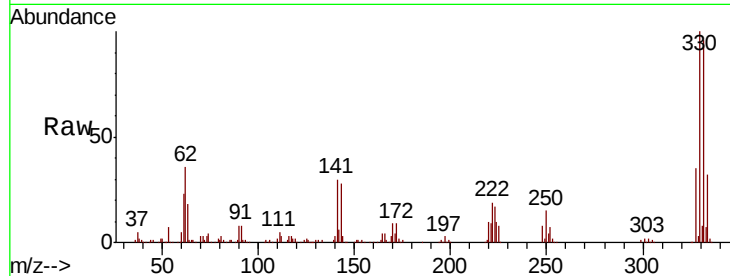




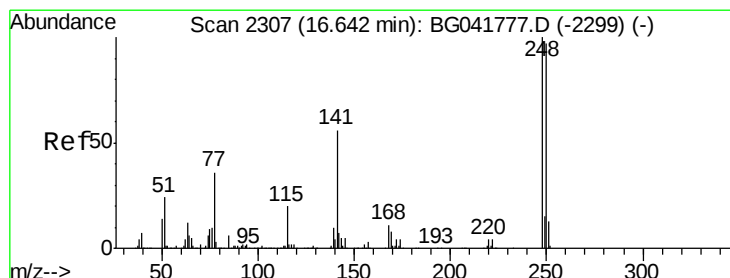
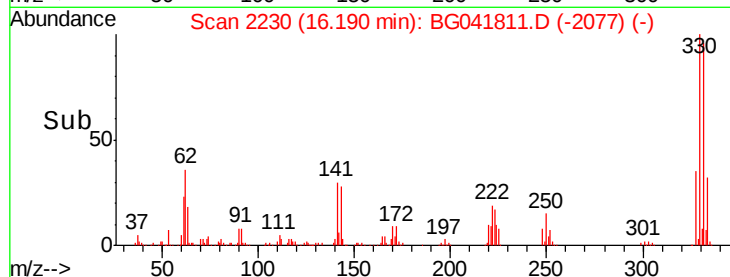
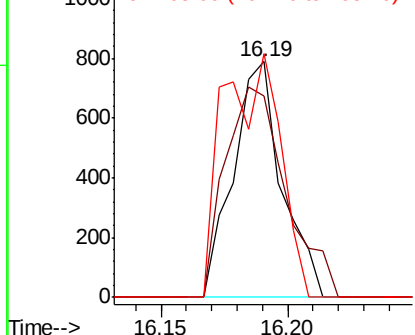
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.130 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.37 min
 Lab File: BG041811.D
 Acq: 30 Jul 2019 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB121837TB

Tgt Ion:198 Resp: 1051
 Ion Ratio Lower Upper
 198 100
 51 85.6 22.3 62.3#
 105 103.3 18.0 58.0#

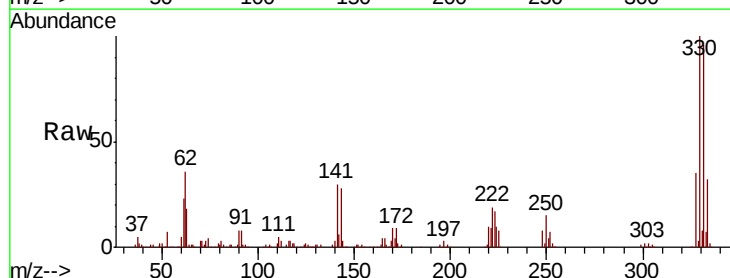


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

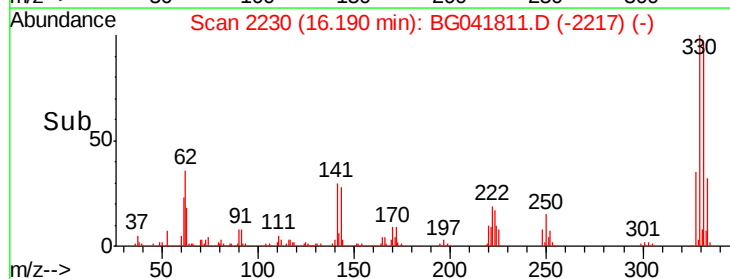
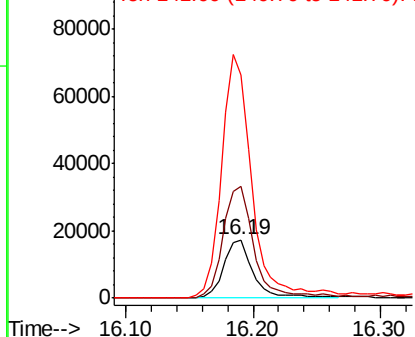


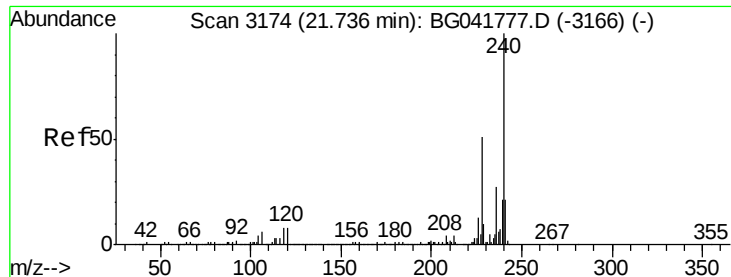
#67
 4-Bromophenyl-phenylether
 Concen: 3.437 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.45 min
 Lab File: BG041811.D
 Acq: 30 Jul 2019 21:15

Tgt Ion:248 Resp: 28039
 Ion Ratio Lower Upper
 248 100
 250 192.5 78.1 117.1#
 141 384.2 49.6 74.4#



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

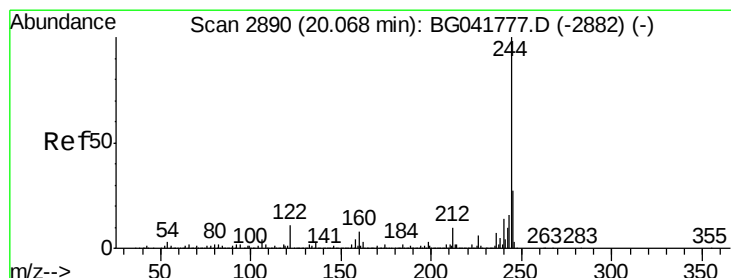
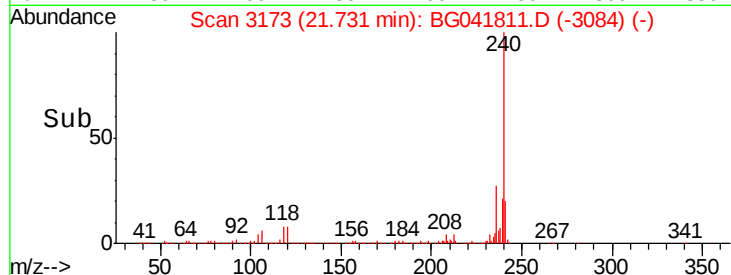
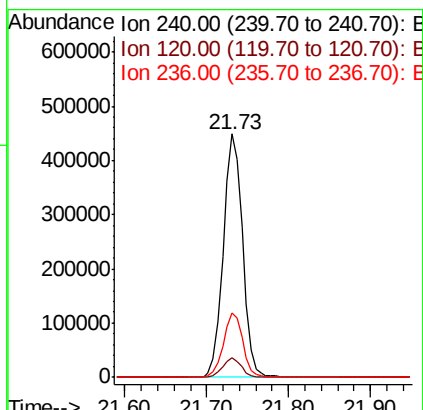
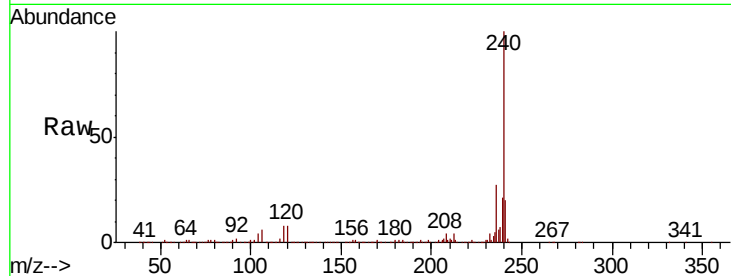




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041811.D
Acq: 30 Jul 2019 21:15

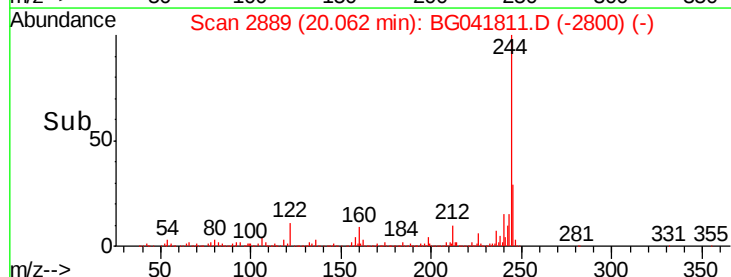
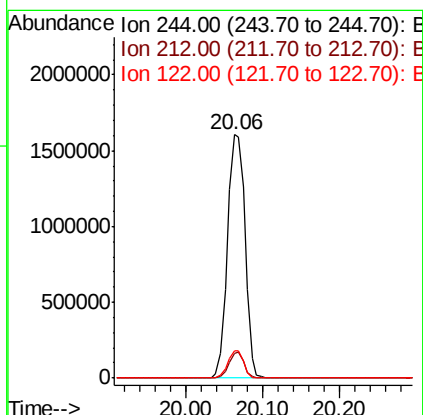
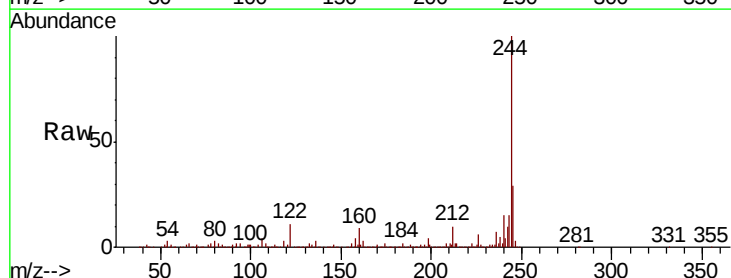
Instrument :
BNA_G
ClientSampleId :
PB121837TB

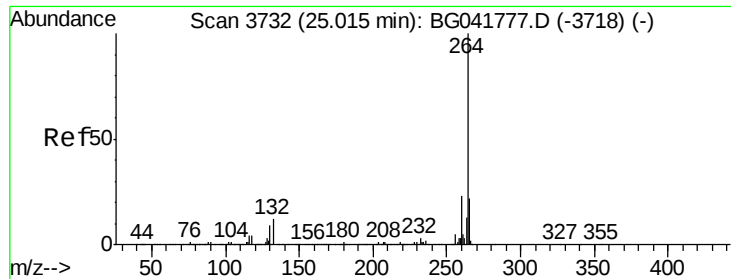
Tgt Ion:240 Resp: 736040
Ion Ratio Lower Upper
240 100
120 8.2 8.0 12.0
236 26.6 22.6 33.8



#79
Terphenyl-d14
Concen: 79.634 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041811.D
Acq: 30 Jul 2019 21:15

Tgt Ion:244 Resp: 2561509
Ion Ratio Lower Upper
244 100
212 10.1 9.7 14.5
122 11.4 12.5 18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG041811.D
Acq: 30 Jul 2019 21:15

Instrument :
BNA_G
ClientSampleId :
PB121837TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.5	18.0	27.0

