

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041800.D
 Acq On : 30 Jul 2019 12:44
 Operator : HP/JU
 Sample : PB121731BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121731BL

Quant Time: Jul 31 01:16:51 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

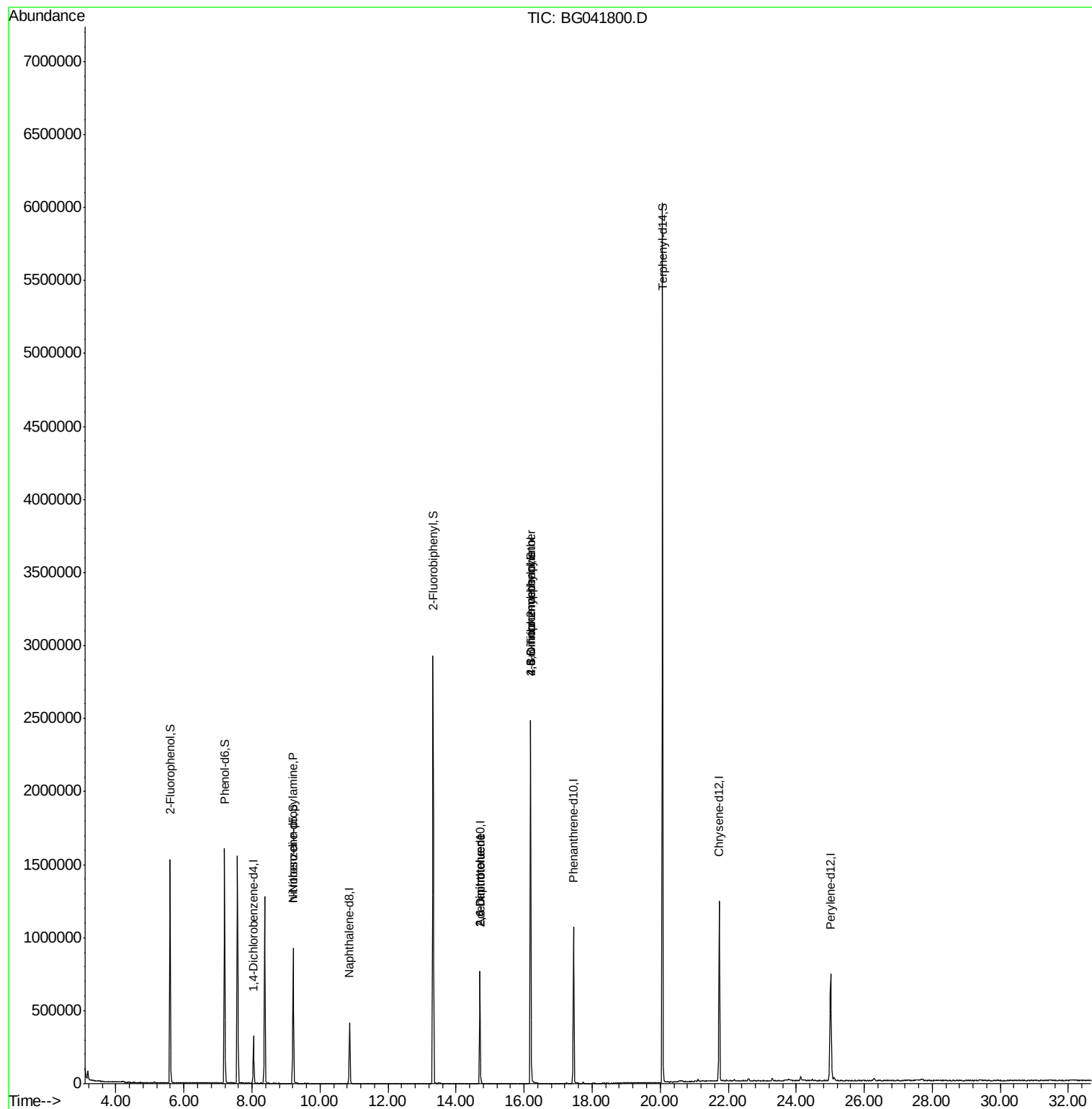
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	102048	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	389820	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	288328	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	694500	20.00	ng	0.00
76) Chrysene-d12	21.74	240	744847	20.00	ng	0.00
87) Perylene-d12	25.01	264	839759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	698373	133.15	ng	0.00
7) Phenol-d6	7.19	99	948570	134.15	ng	0.00
23) Nitrobenzene-d5	9.21	82	560201	98.89	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	490226	149.69	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1553028	95.00	ng	0.00
79) Terphenyl-d14	20.07	244	2648908	81.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	74645	14.540	ng	# 69
51) 2,6-Dinitrotoluene	14.70	165	37066	9.002	ng	# 27
57) 2,4-Dinitrotoluene	14.70	165	37066	6.546	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.18	198	1376	7.199	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	36996	4.325	ng	# 1

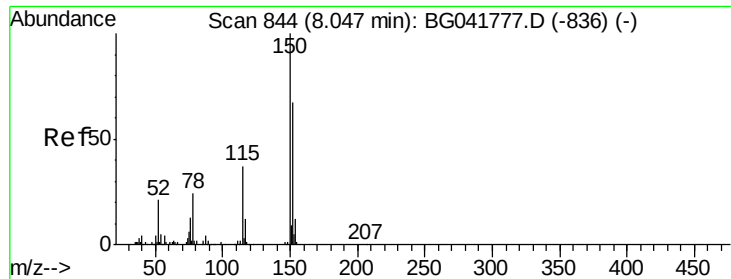
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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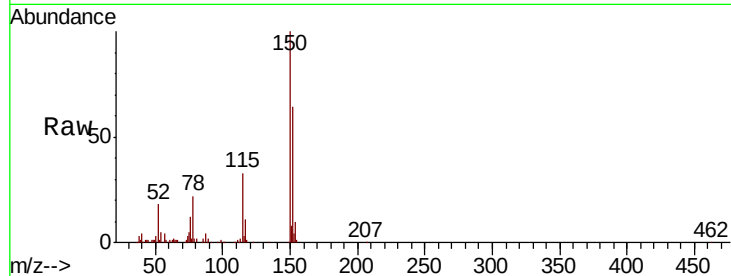


#1

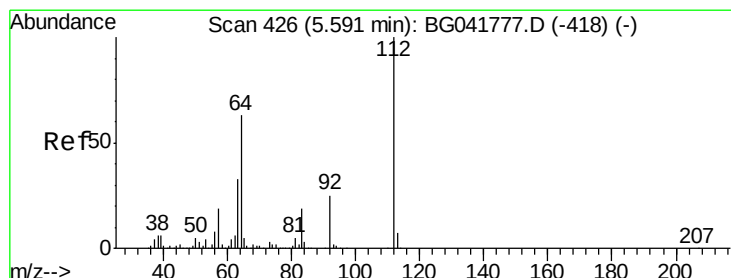
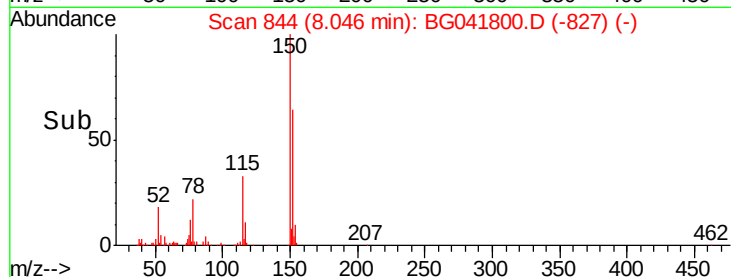
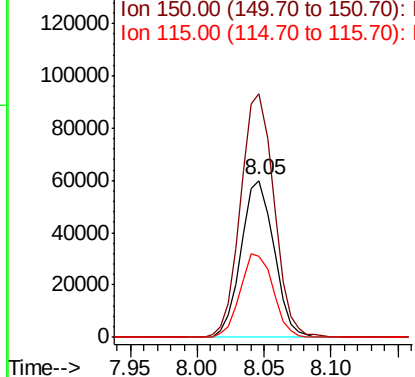
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041800.D
Acq: 30 Jul 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121731BL

Tgt Ion:152 Resp: 102048
Ion Ratio Lower Upper
152 100
150 155.4 126.9 190.3
115 51.8 45.0 67.6



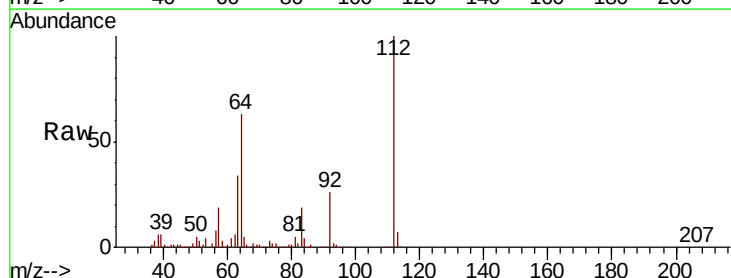
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



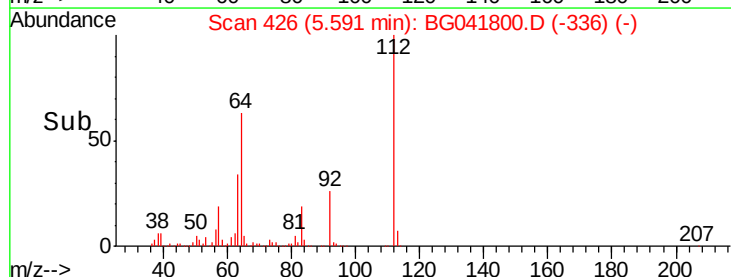
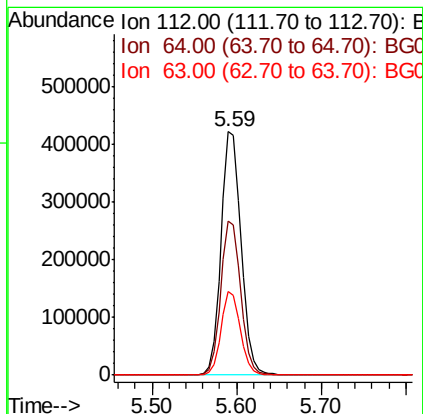
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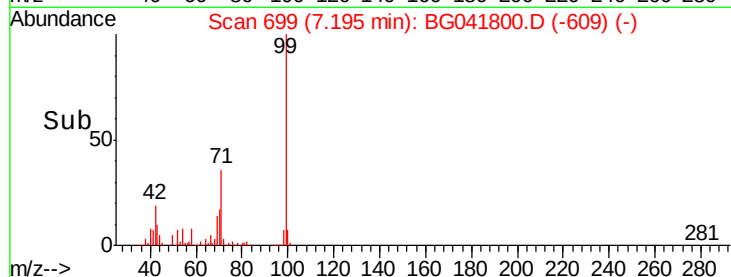
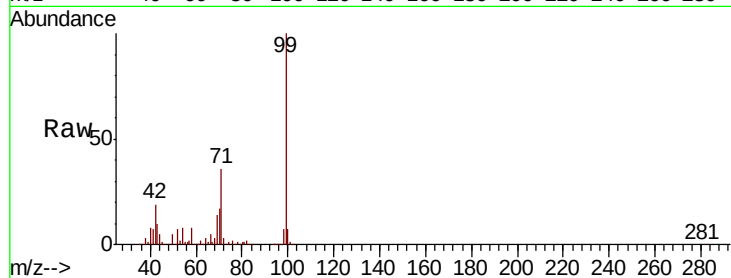
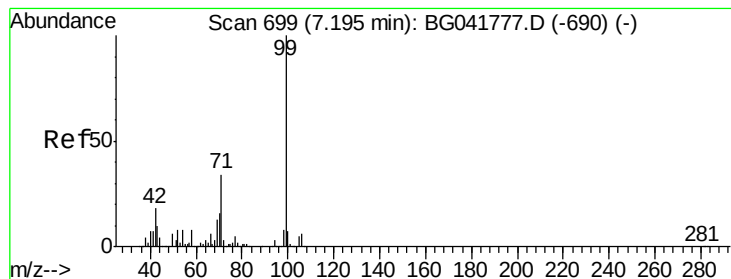
2-Fluorophenol
Concen: 133.150 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041800.D
Acq: 30 Jul 2019 12:44

Tgt Ion:112 Resp: 698373
Ion Ratio Lower Upper
112 100
64 63.3 55.4 83.2
63 34.4 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 134.147 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041800.D

Acq: 30 Jul 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121731BL

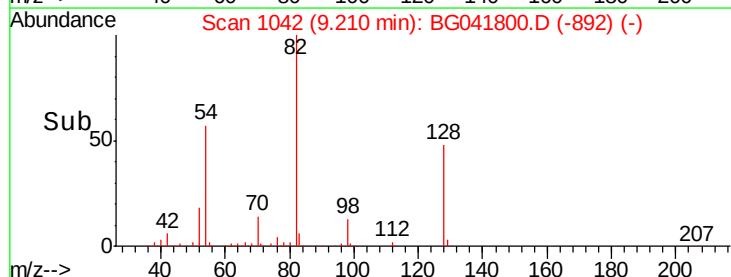
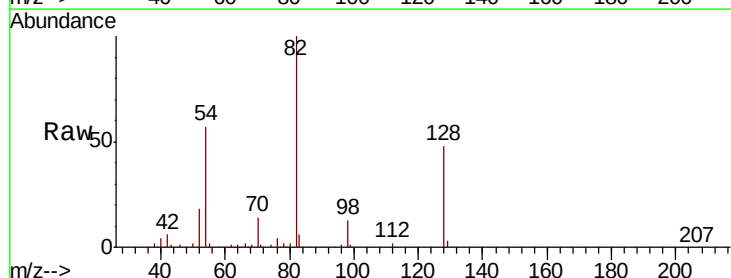
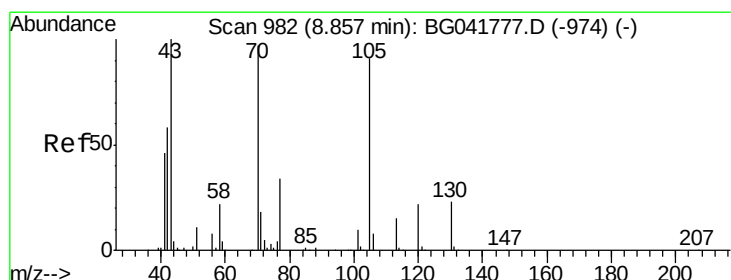
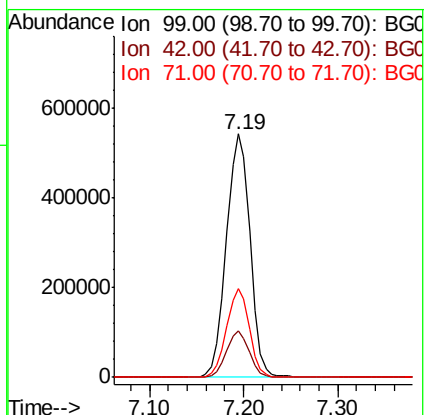
Tgt Ion: 99 Resp: 948570

Ion Ratio Lower Upper

99 100

42 19.0 17.6 26.4

71 36.4 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.540 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.35 min

Lab File: BG041800.D

Acq: 30 Jul 2019 12:44

Tgt Ion: 70 Resp: 74645

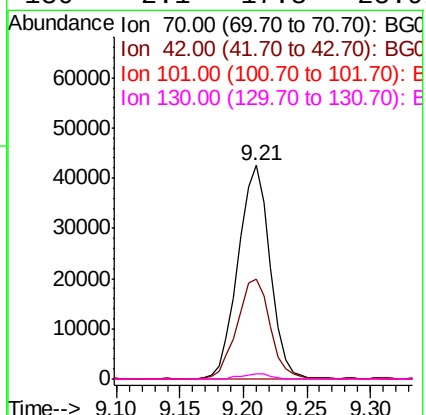
Ion Ratio Lower Upper

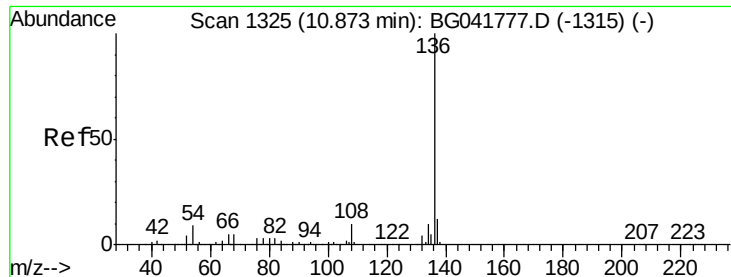
70 100

42 46.7 55.8 83.6#

101 0.0 8.1 12.1#

130 2.1 17.3 25.9#

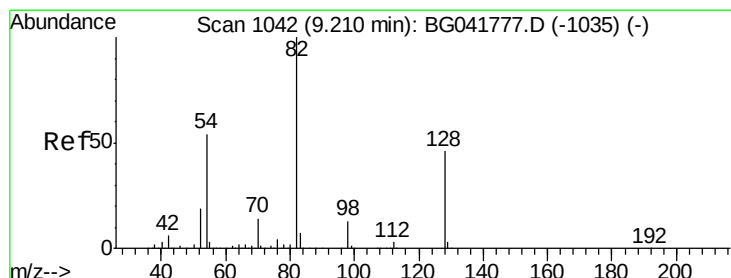
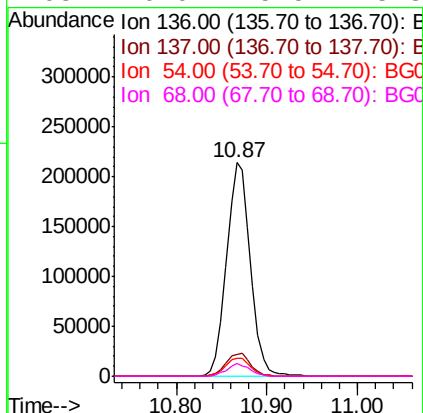
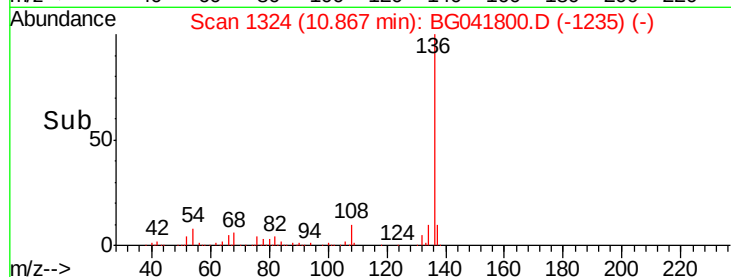
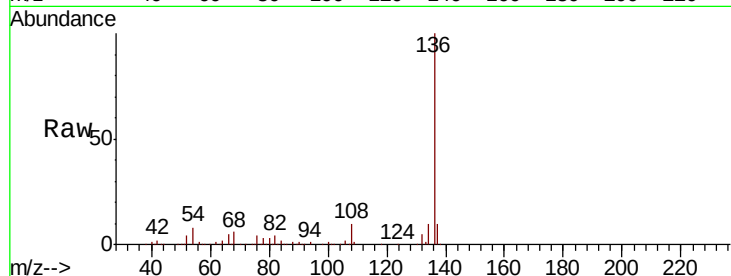




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041800.D
Acq: 30 Jul 2019 12:44

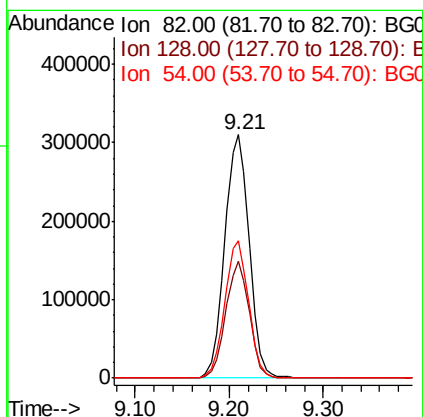
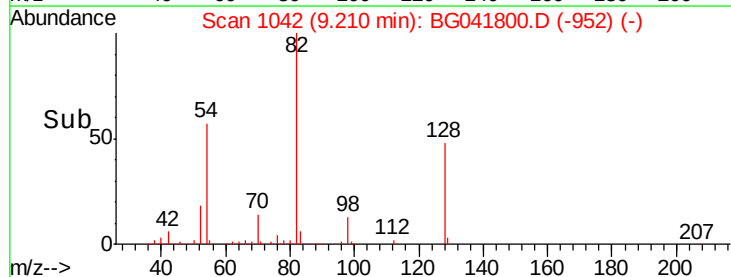
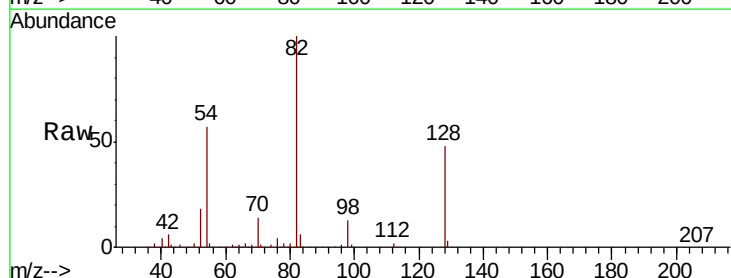
Instrument :
BNA_G
ClientSampleId :
PB121731BL

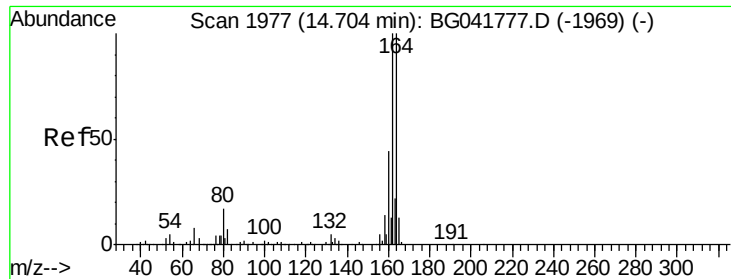
Tgt Ion:	136	Resp:	389820
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	8.3	8.7	13.1#
68	6.0	5.5	8.3



#23
Nitrobenzene-d5
Concen: 98.894 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041800.D
Acq: 30 Jul 2019 12:44

Tgt Ion:	82	Resp:	560201
Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.1	52.7
54	56.5	48.7	73.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG041800.D

Acq: 30 Jul 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121731BL

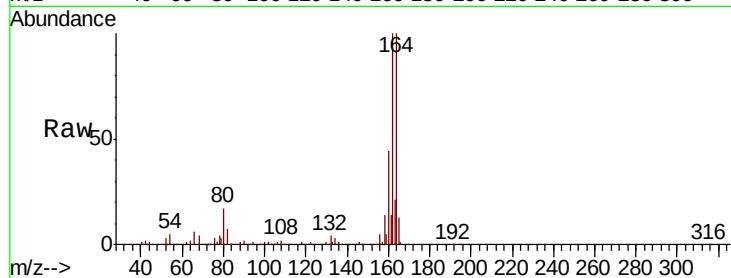
Tgt Ion:164 Resp: 288328

Ion Ratio Lower Upper

164 100

162 99.6 79.6 119.4

160 43.8 35.4 53.0

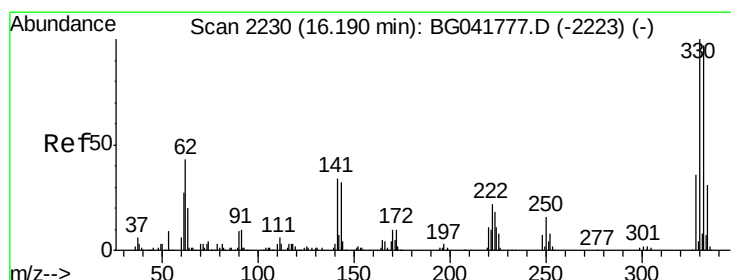
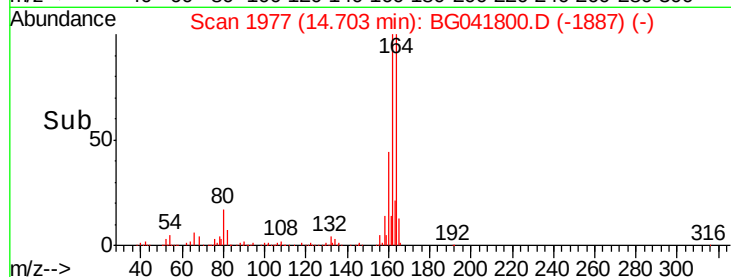
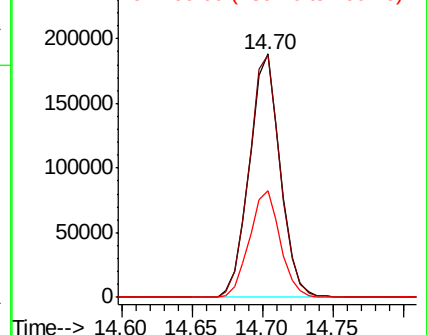


Abundance

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: 149.687 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG041800.D

Acq: 30 Jul 2019 12:44

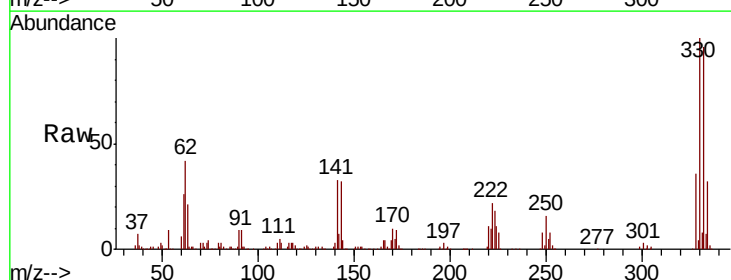
Tgt Ion:330 Resp: 490226

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 33.3 31.9 47.9

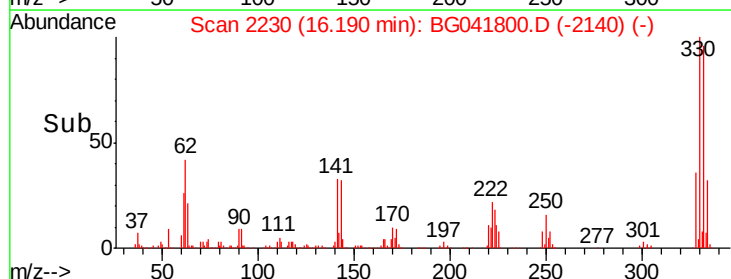
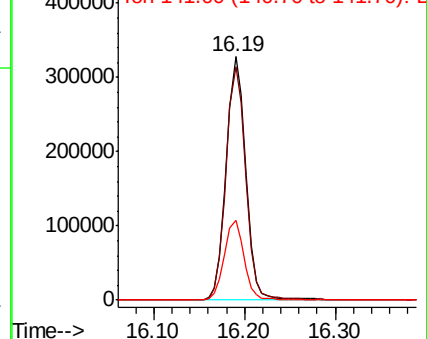


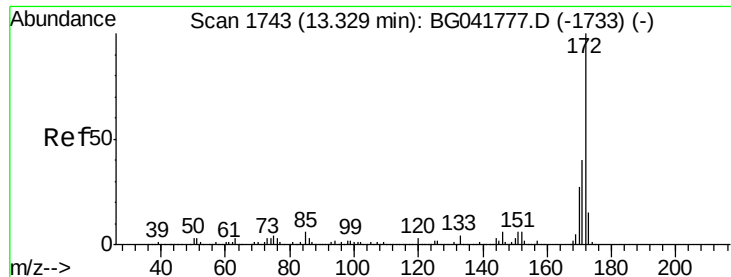
Abundance

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

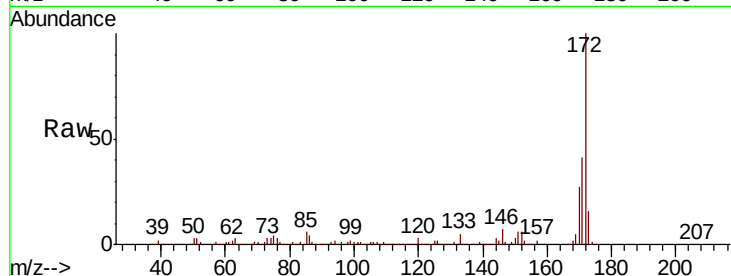




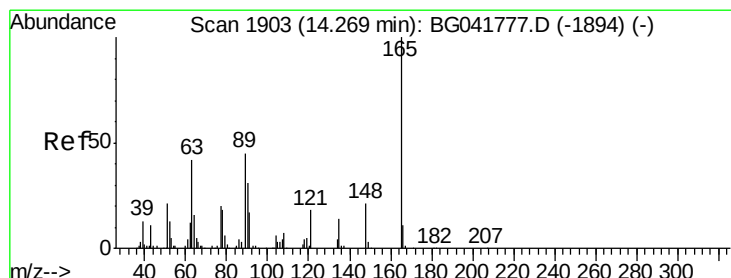
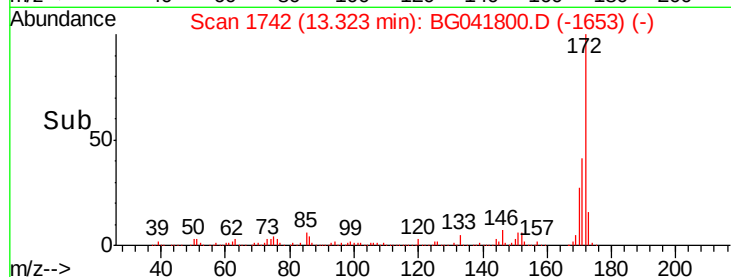
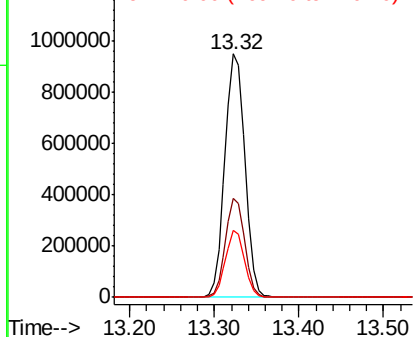
#45
 2-Fluorobiphenyl
 Concen: 95.000 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041800.D
 Acq: 30 Jul 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB121731BL

Tgt Ion:172 Resp: 1553028
 Ion Ratio Lower Upper
 172 100
 171 40.6 35.0 52.4
 170 27.5 23.5 35.3

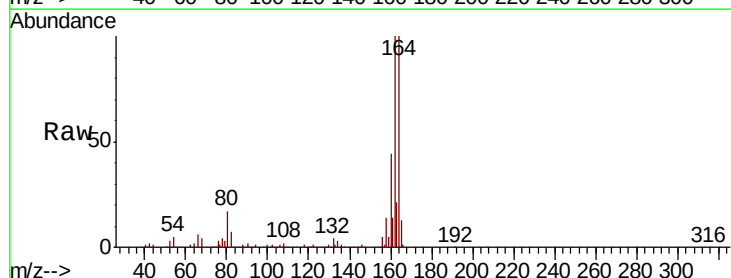


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

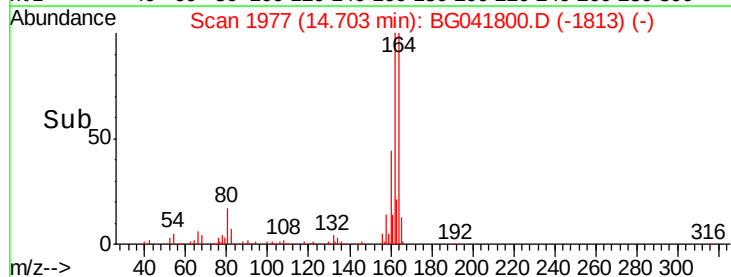
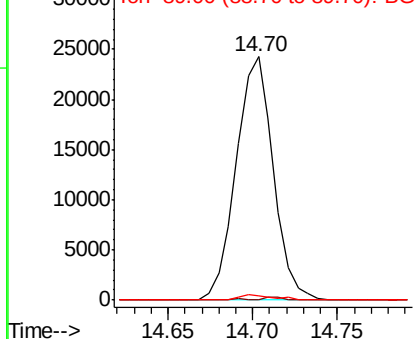


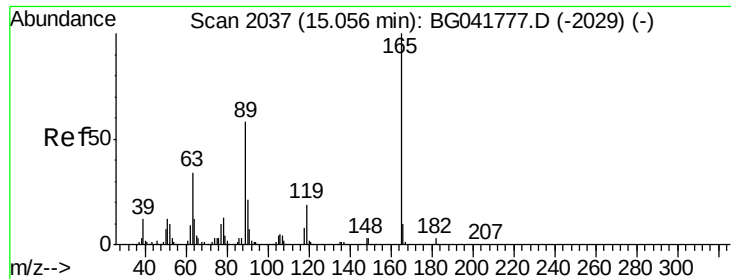
#51
 2,6-Dinitrotoluene
 Concen: 9.002 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. 0.43 min
 Lab File: BG041800.D
 Acq: 30 Jul 2019 12:44

Tgt Ion:165 Resp: 37066
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.4 63.6#
 89 1.7 42.1 63.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

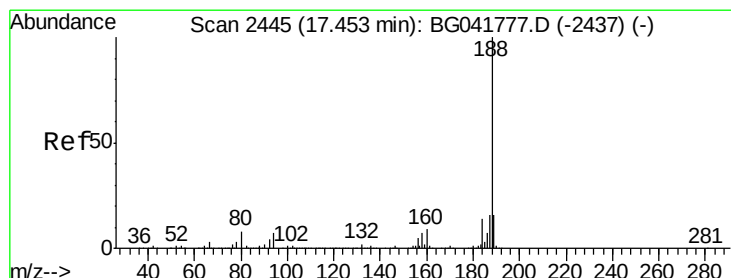
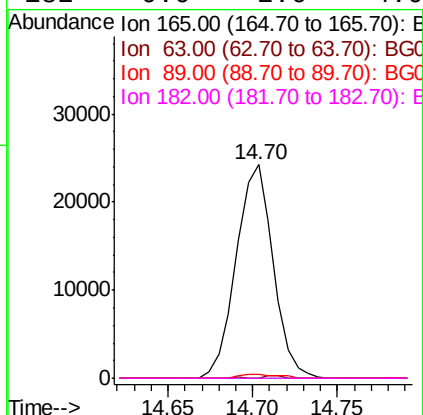
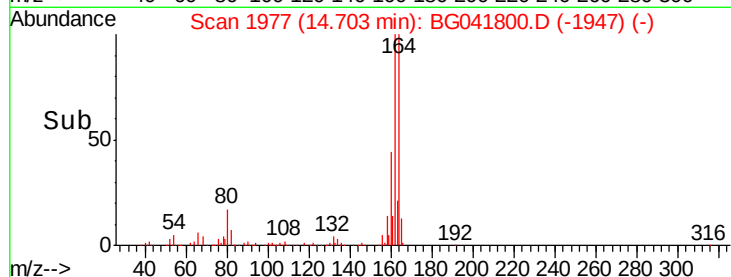
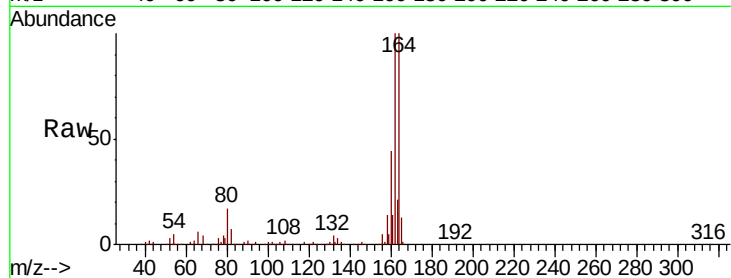




#57
2,4-Dinitrotoluene
Concen: 6.546 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.35 min
Lab File: BG041800.D
Acq: 30 Jul 2019 12:44

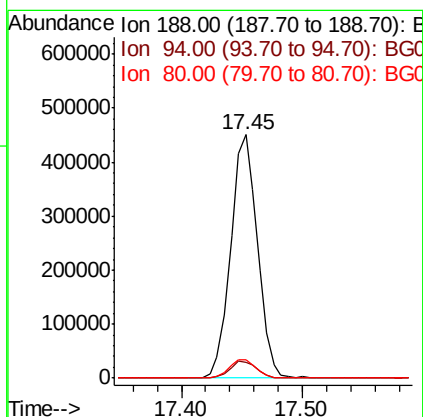
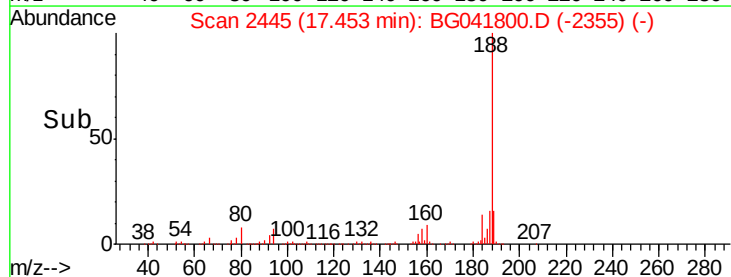
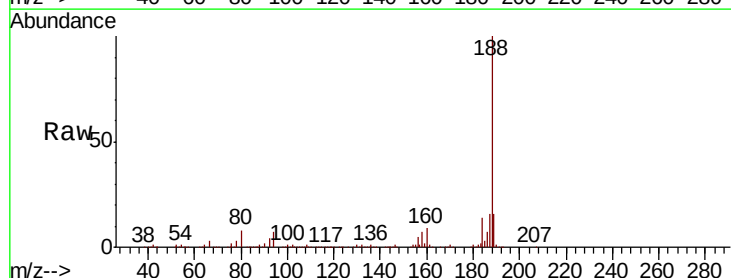
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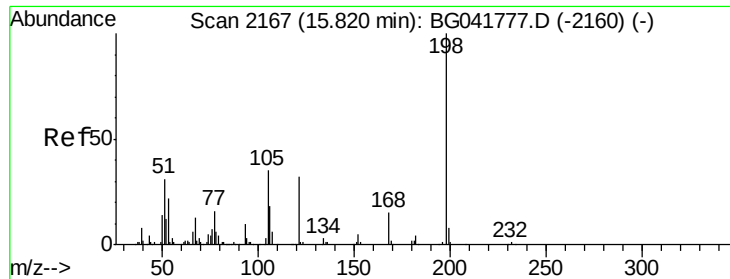
Tgt Ion:165 Resp: 37066
Ion Ratio Lower Upper
165 100
63 0.0 31.7 47.5#
89 1.7 50.2 75.4#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG041800.D
Acq: 30 Jul 2019 12:44

Tgt Ion:188 Resp: 694500
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.6 8.0 12.0#

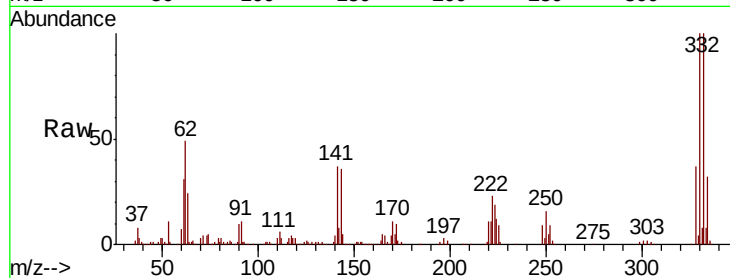




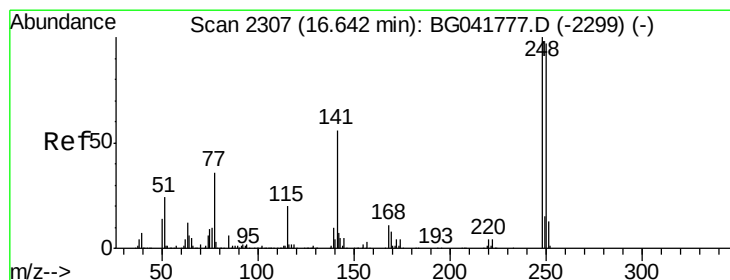
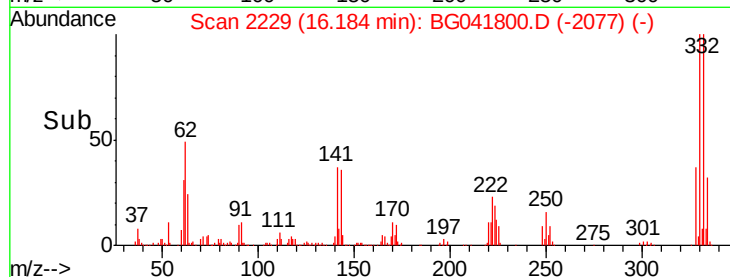
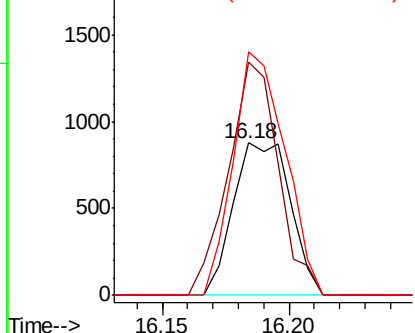
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.199 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.36 min
 Lab File: BG041800.D
 Acq: 30 Jul 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB121731BL

Tgt Ion:198 Resp: 1376
 Ion Ratio Lower Upper
 198 100
 51 153.0 22.3 62.3#
 105 159.7 18.0 58.0#

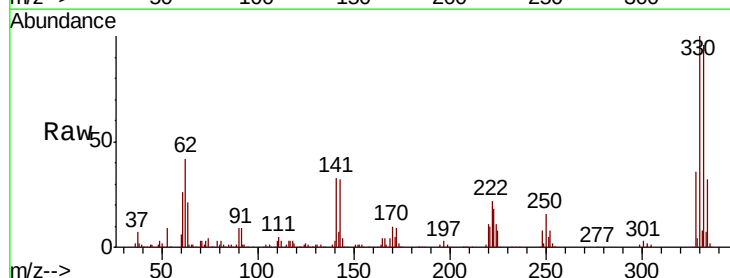


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

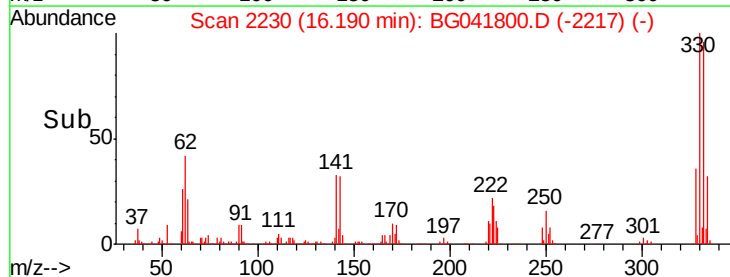
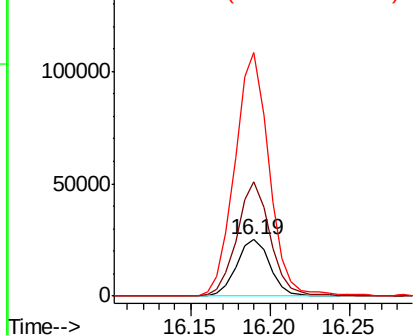


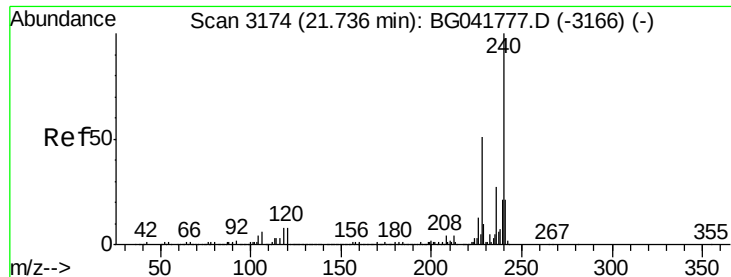
#67
 4-Bromophenyl-phenylether
 Concen: 4.325 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.45 min
 Lab File: BG041800.D
 Acq: 30 Jul 2019 12:44

Tgt Ion:248 Resp: 36996
 Ion Ratio Lower Upper
 248 100
 250 203.8 78.1 117.1#
 141 431.8 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

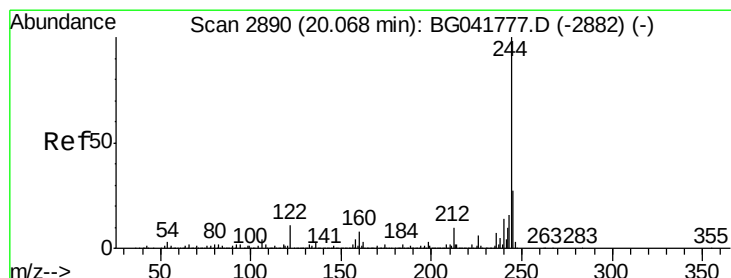
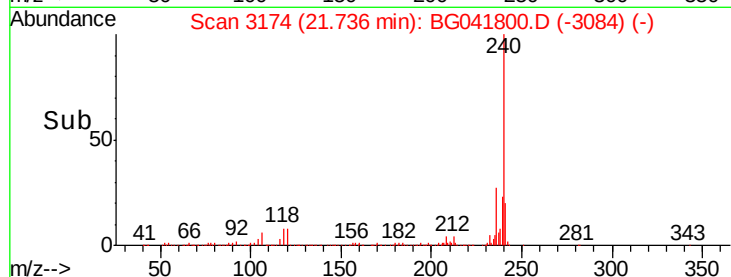
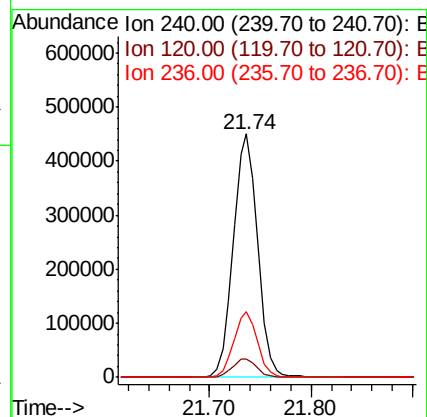
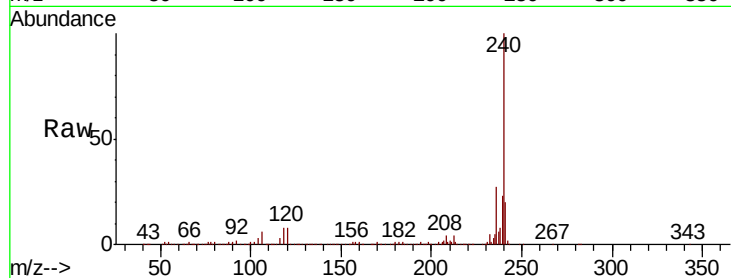




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG041800.D
 Acq: 30 Jul 2019 12:44

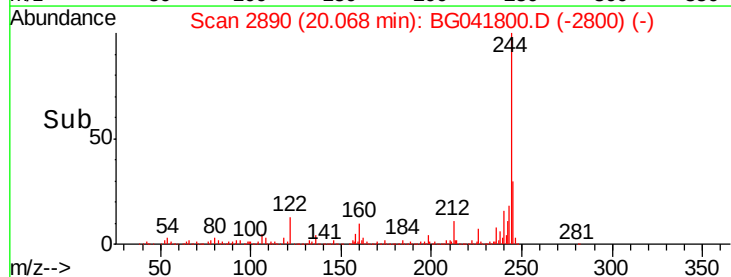
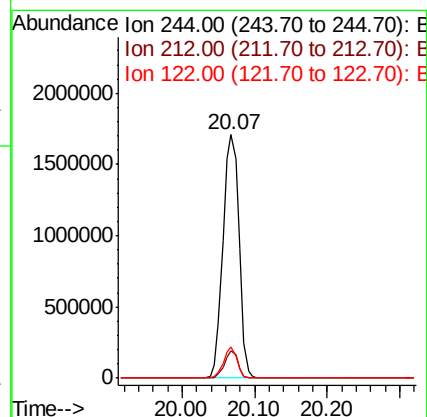
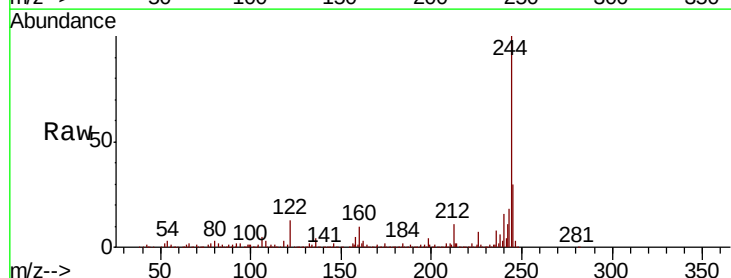
Instrument :
 BNA_G
 ClientSampleId :
 PB121731BL

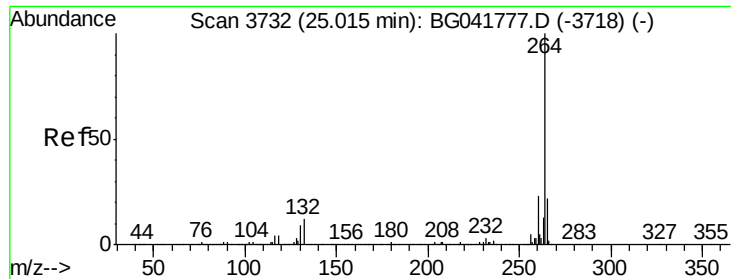
Tgt Ion: 240 Resp: 744847
 Ion Ratio Lower Upper
 240 100
 120 7.7 8.0 12.0#
 236 26.9 22.6 33.8



#79
 Terphenyl-d14
 Concen: 81.378 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041800.D
 Acq: 30 Jul 2019 12:44

Tgt Ion: 244 Resp: 2648908
 Ion Ratio Lower Upper
 244 100
 212 11.1 9.7 14.5
 122 12.7 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: BG041800.D
Acq: 30 Jul 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121731BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.1	18.0	27.0

