

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041705.D
 Acq On : 18 Jul 2019 2:07
 Operator : HP/JU
 Sample : K3835-30
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 18 07:12:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

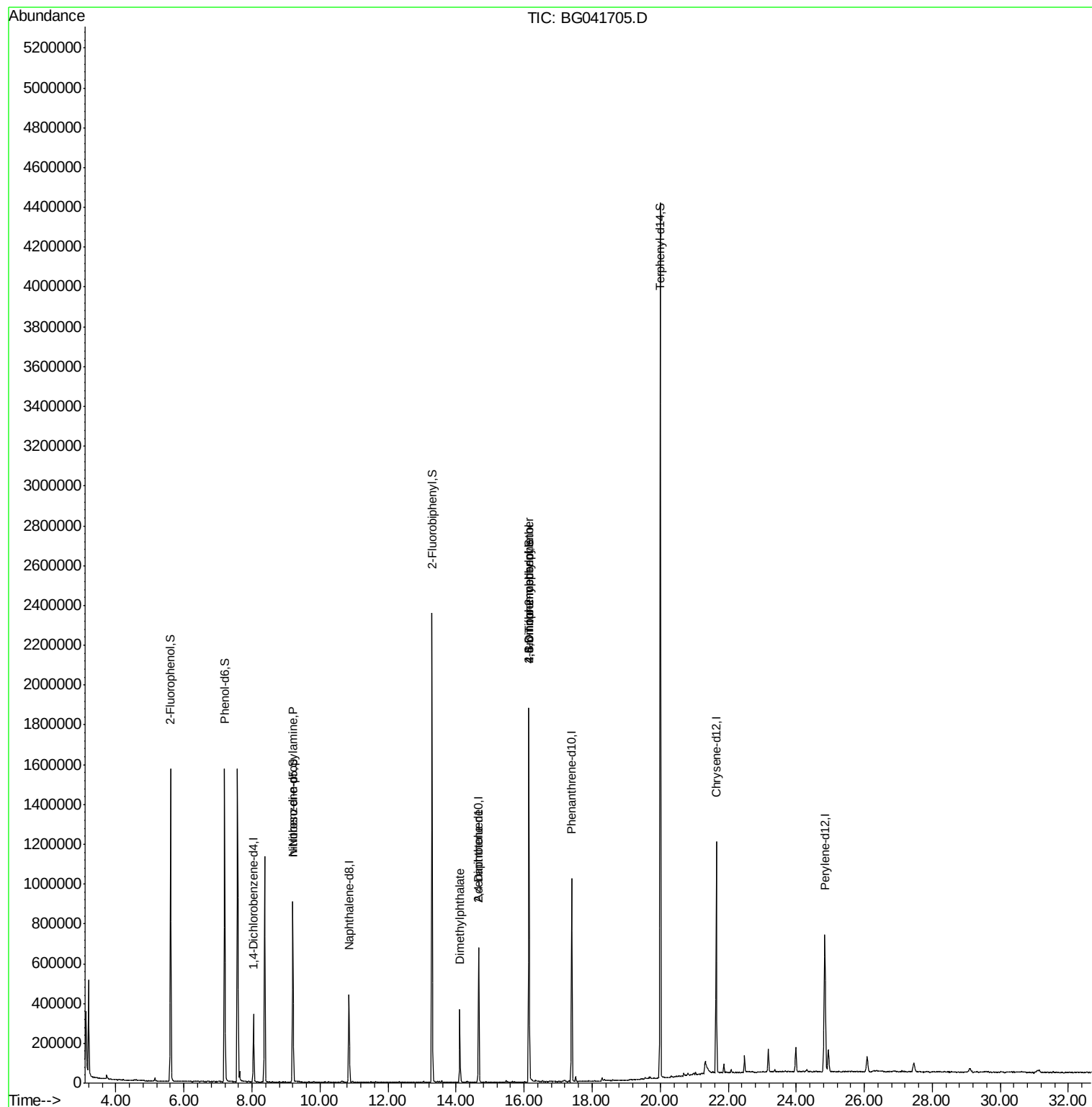
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	97435	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	394557	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	241249	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	632418	20.00	ng	0.00
76) Chrysene-d12	21.65	240	658960	20.00	ng	-0.01
87) Perylene-d12	24.84	264	758119	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	659509	110.65	ng	0.00
7) Phenol-d6	7.20	99	918400	114.56	ng	0.00
23) Nitrobenzene-d5	9.20	82	540171	83.26	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	351776	129.38	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1199438	76.99	ng	0.00
79) Terphenyl-d14	20.00	244	1940597	68.82	ng	0.00
Target Compounds						
9) Benzaldehyde	7.20	77	1715	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	9.20	70	72645	12.398 ng	#	74
50) Dimethylphthalate	14.11	163	254813	13.448 ng	#	97
57) 2,4-Dinitrotoluene	14.66	165	32127	6.047 ng	#	29
65) 4,6-Dinitro-2-methylphenol	16.14	198	1123	6.996 ng	#	1
67) 4-Bromophenyl-phenylether	16.14	248	27666	3.677 ng	#	1
77) Benizidine	20.00	184	33426	Below Cal	#	91

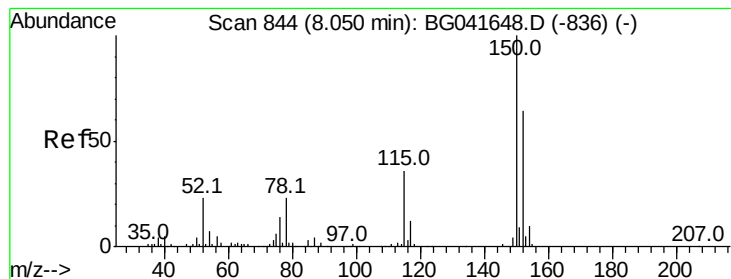
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG041705.D

Acq: 18 Jul 2019 2:07

Instrument :

BNA_G

ClientSampleId :

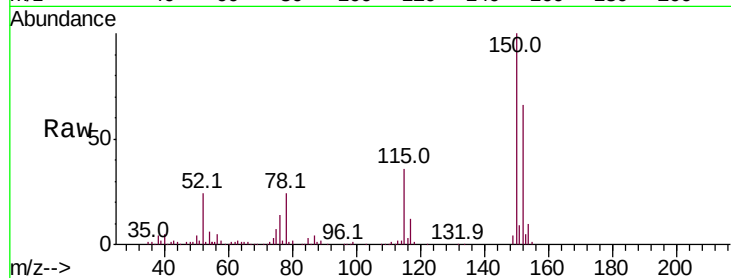
Tot Ion:152 Resp: 97435

Ion Ratio Lower Upper

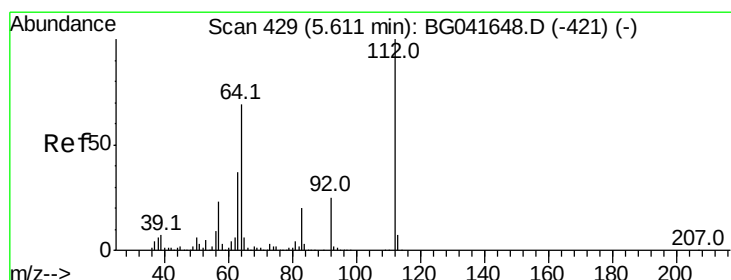
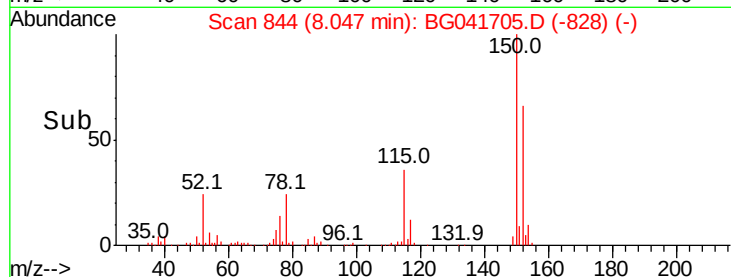
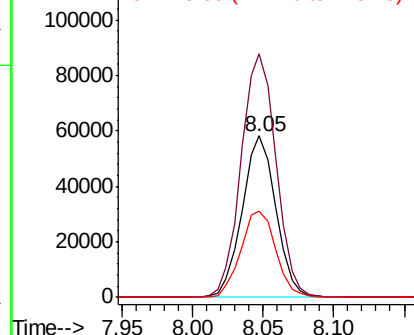
152 100

150 150.9 126.9 190.3

115 53.7 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



#5

2-Fluorophenol

Concen: 110.651 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041705.D

Acq: 18 Jul 2019 2:07

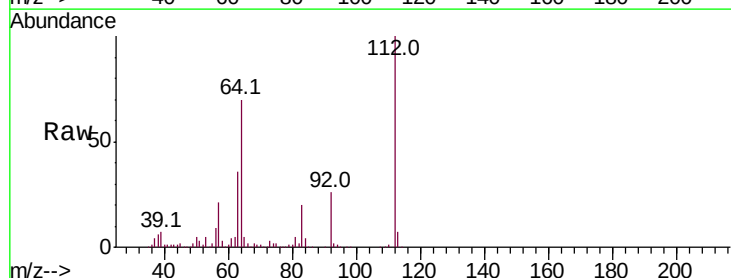
Tgt Ion:112 Resp: 659509

Ion Ratio Lower Upper

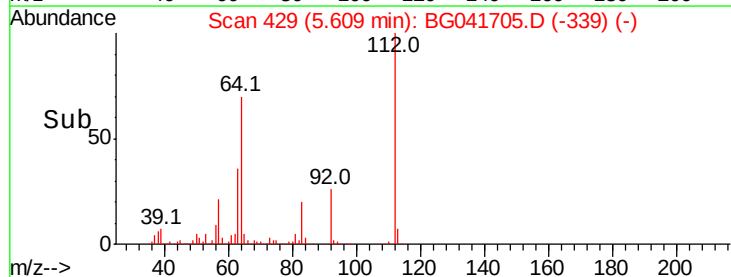
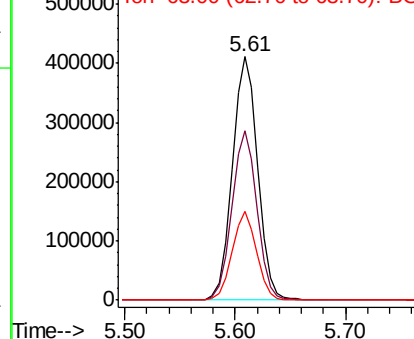
112 100

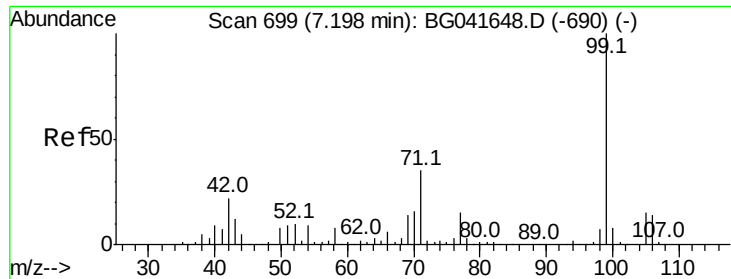
64 69.6 55.4 83.2

63 36.3 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: 114.560 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041705.D

Acq: 18 Jul 2019 2:07

Instrument :

BNA_G

ClientSampleId :

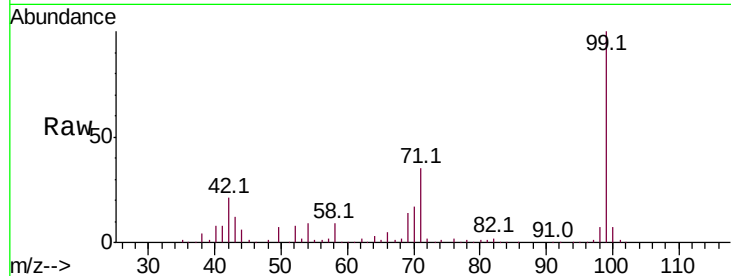
Tot Ion: 99 Resp: 918400

Ion Ratio Lower Upper

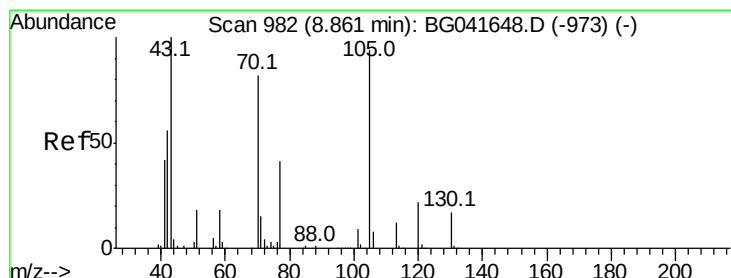
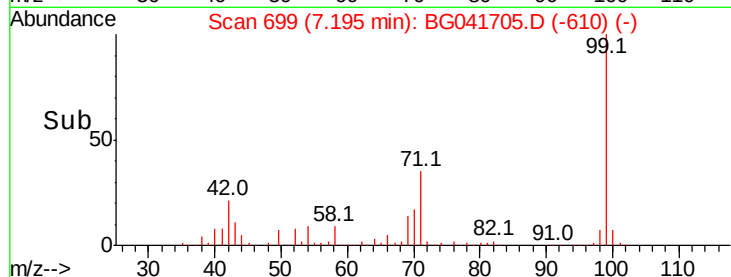
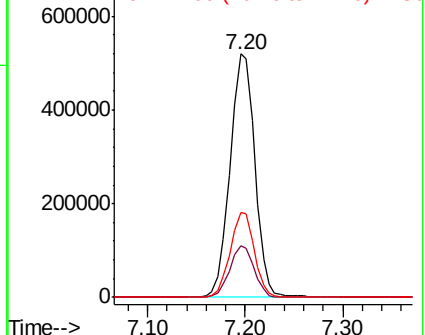
99 100

42 21.0 17.6 26.4

71 34.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.398 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.33 min

Lab File: BG041705.D

Acq: 18 Jul 2019 2:07

Tgt Ion: 70 Resp: 72645

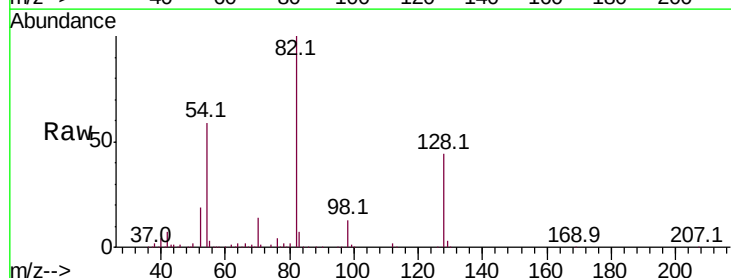
Ion Ratio Lower Upper

70 100

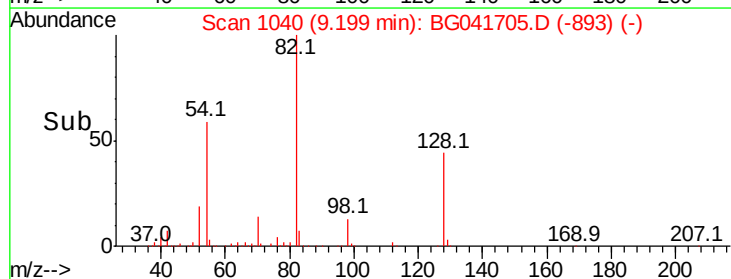
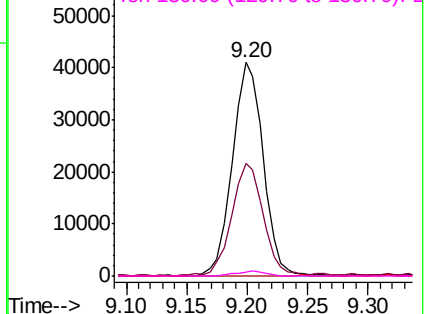
42 52.7 55.8 83.6#

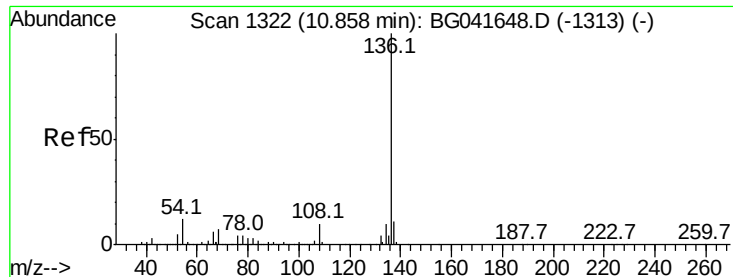
101 0.0 8.1 12.1#

130 1.9 17.3 25.9#



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

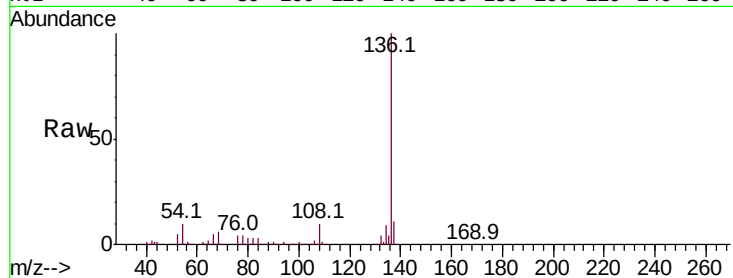




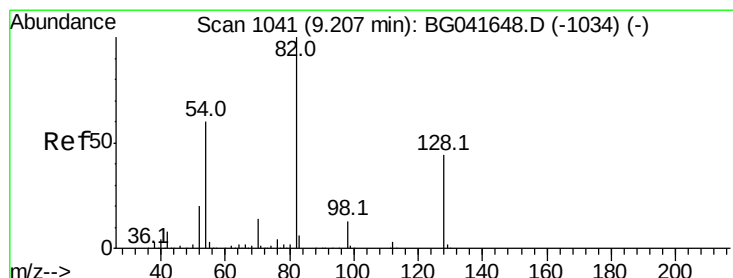
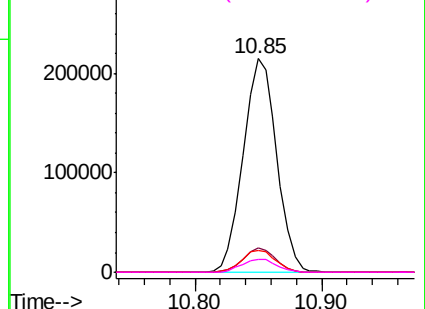
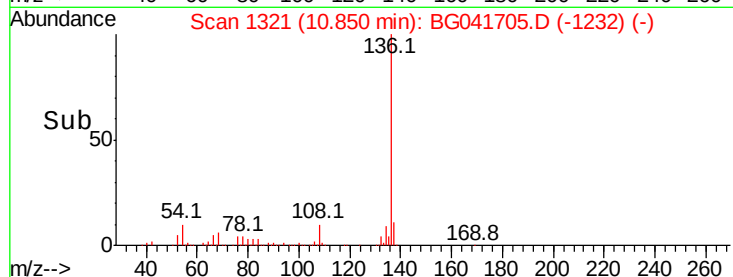
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041705.D
Acq: 18 Jul 2019 2:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	394557
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	10.0	8.7	13.1
68	5.9	5.5	8.3

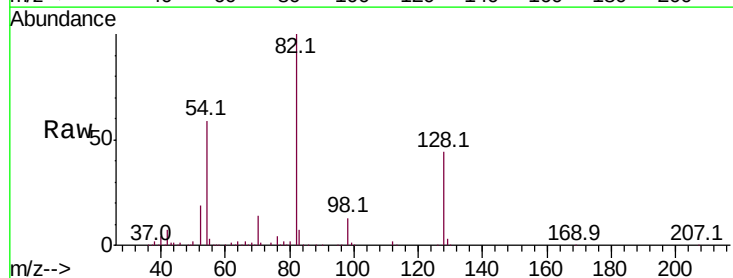


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

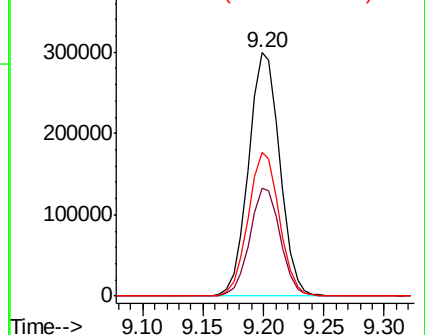
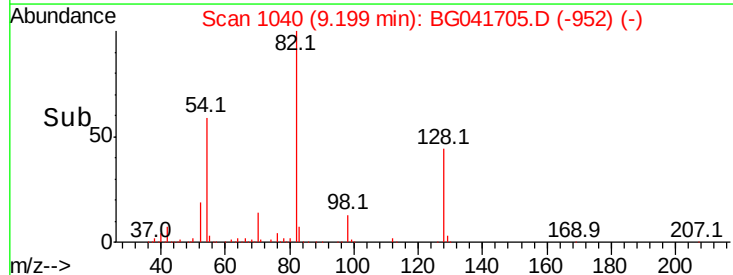


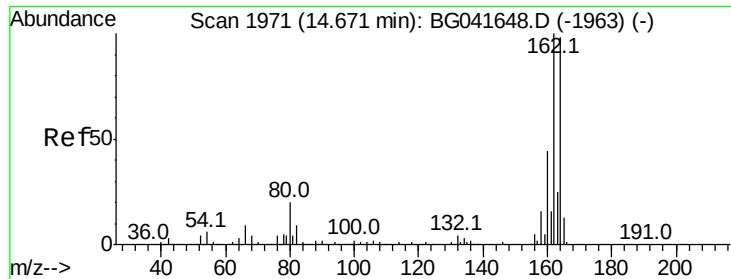
#23
Nitrobenzene-d5
Concen: 83.259 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041705.D
Acq: 18 Jul 2019 2:07

Tgt Ion:	82	Resp:	540171
Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.1	52.7
54	58.9	48.7	73.1



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: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041705.D

Acq: 18 Jul 2019 2:07

Instrument :

BNA_G

ClientSampleId :

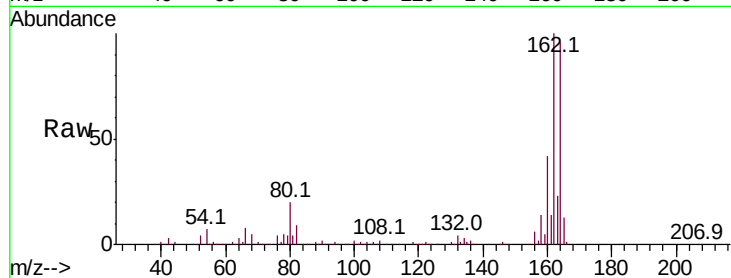
Tot Ion:164 Resp: 241249

Ion Ratio Lower Upper

164 100

162 104.2 79.6 119.4

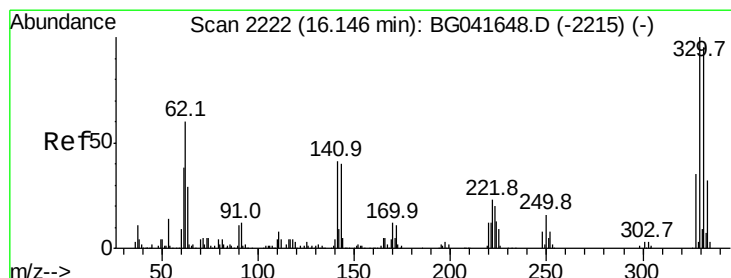
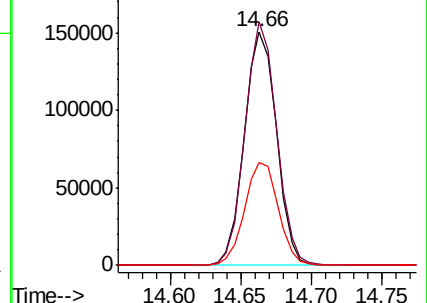
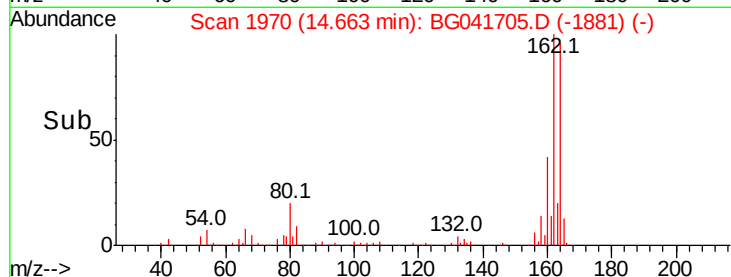
160 44.2 35.4 53.0



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: 129.385 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG041705.D

Acq: 18 Jul 2019 2:07

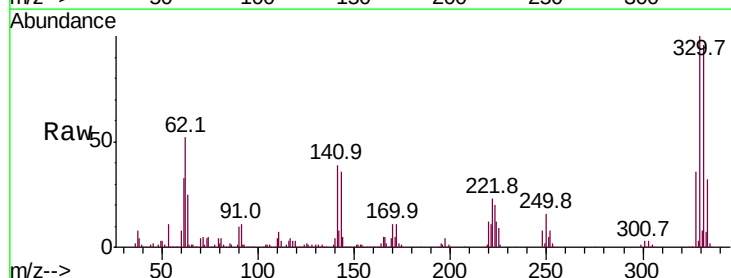
Tgt Ion:330 Resp: 351776

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

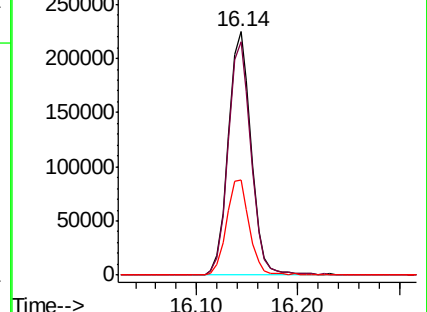
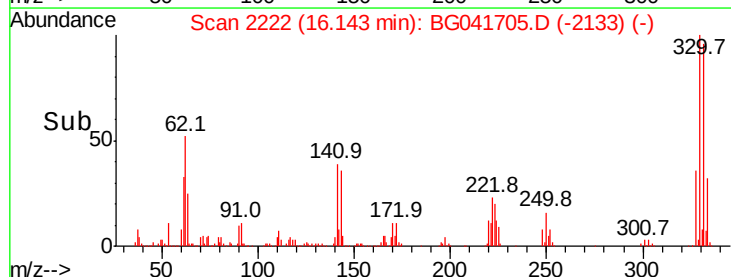
141 39.4 31.9 47.9

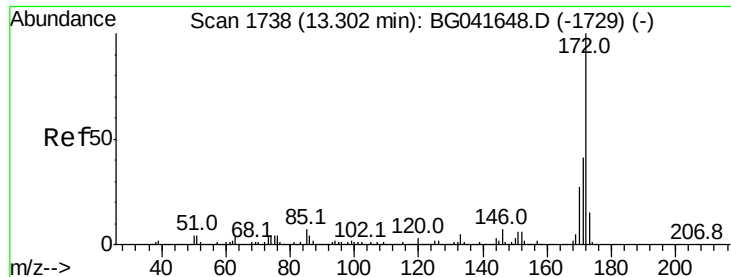


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

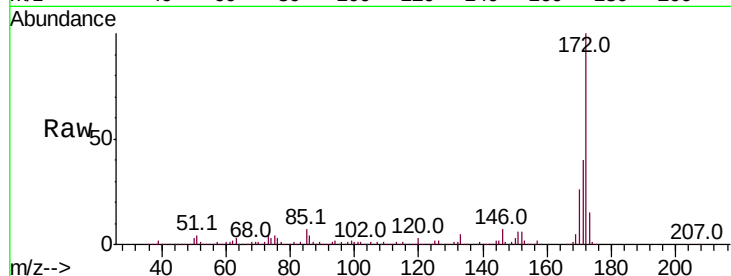




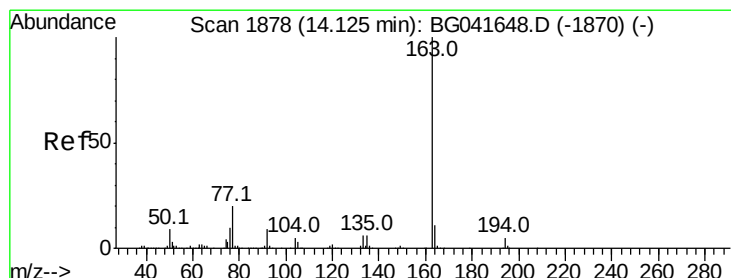
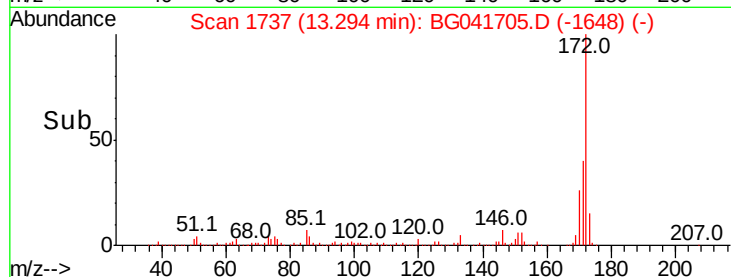
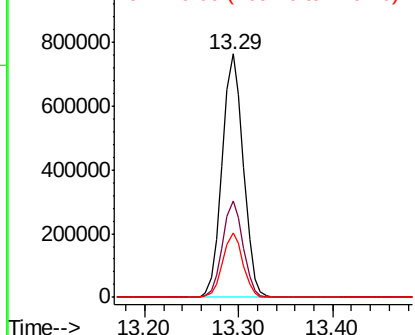
#45
2-Fluorobiphenyl
Concen: 76.988 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041705.D
Acq: 18 Jul 2019 2:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1199438
Ion Ratio Lower Upper
172 100
171 39.7 35.0 52.4
170 26.3 23.5 35.3

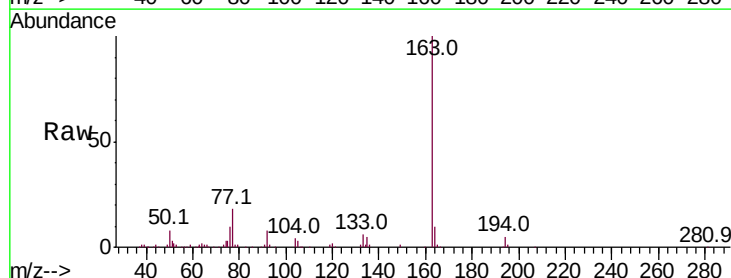


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

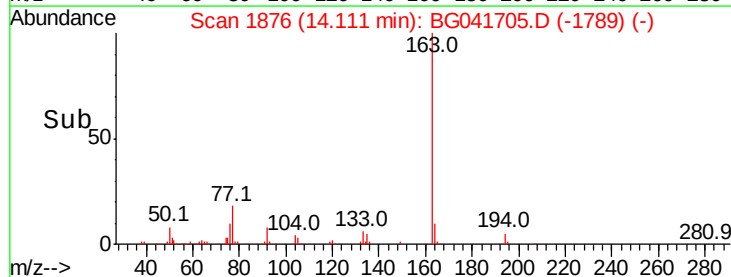
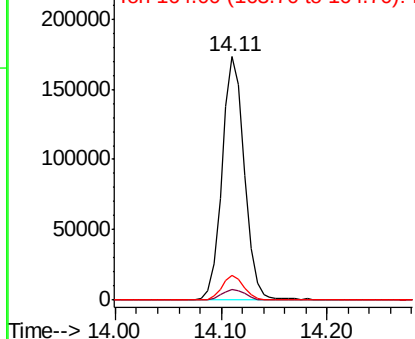


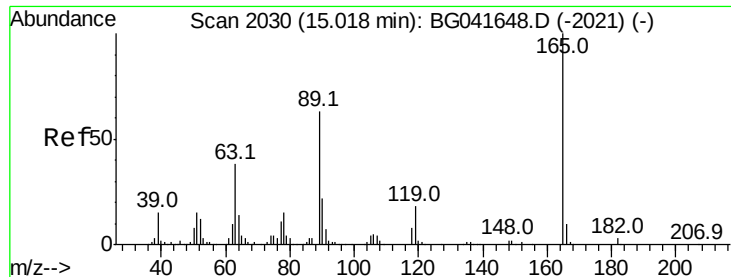
#50
Dimethylphthalate
Concen: 13.448 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041705.D
Acq: 18 Jul 2019 2:07

Tgt Ion:163 Resp: 254813
Ion Ratio Lower Upper
163 100
194 4.6 4.2 6.2
164 10.2 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

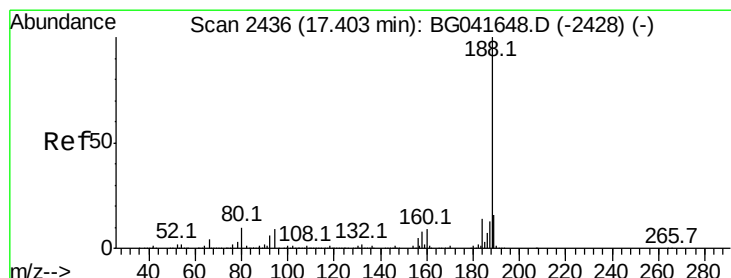
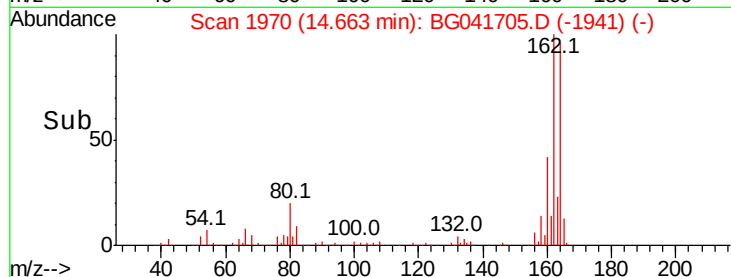
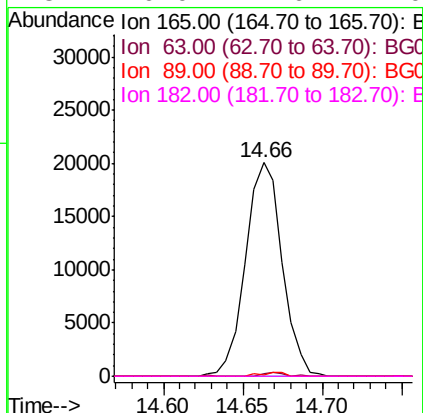
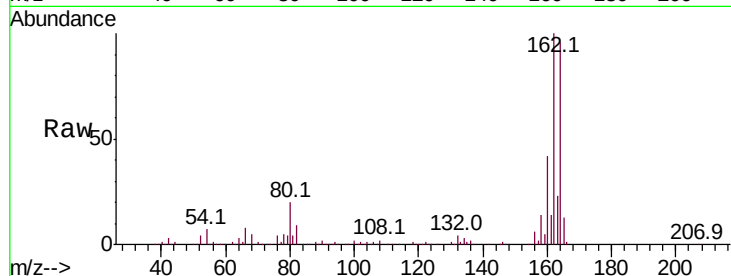




#57
 2,4-Dinitrotoluene
 Concen: 6.047 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG041705.D
 Acq: 18 Jul 2019 2:07

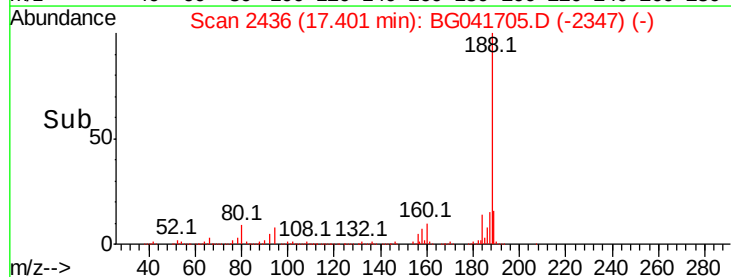
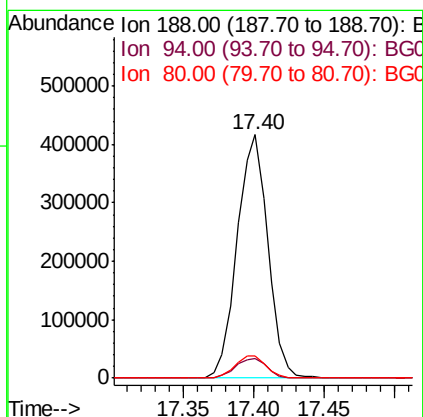
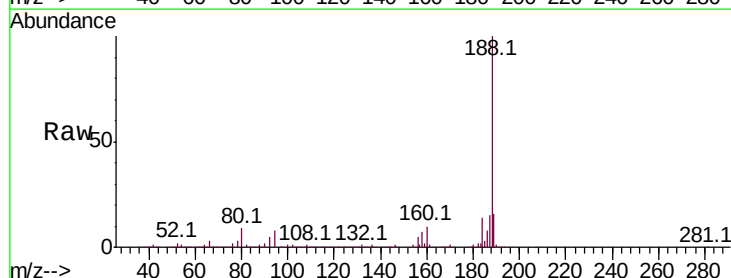
Instrument :
 BNA_G
 ClientSampleId :

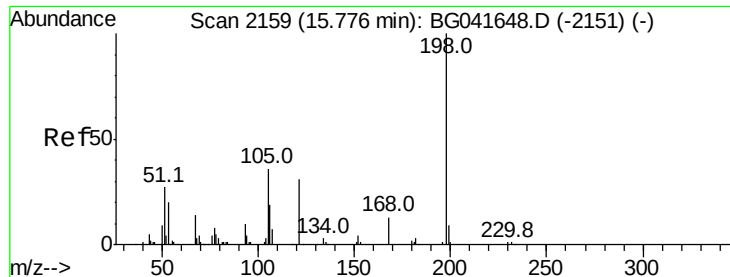
Tot Ion:165 Resp: 32127
 Ion Ratio Lower Upper
 165 100
 63 1.3 31.7 47.5#
 89 0.8 50.2 75.4#
 182 0.0 2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG041705.D
 Acq: 18 Jul 2019 2:07

Tgt Ion:188 Resp: 632418
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.9 10.3
 80 9.1 8.0 12.0

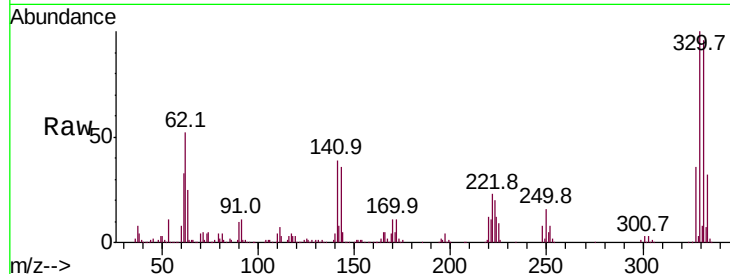




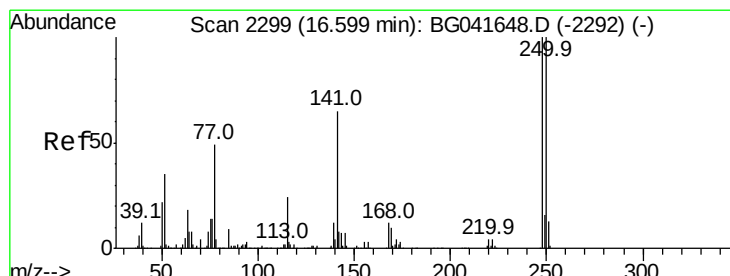
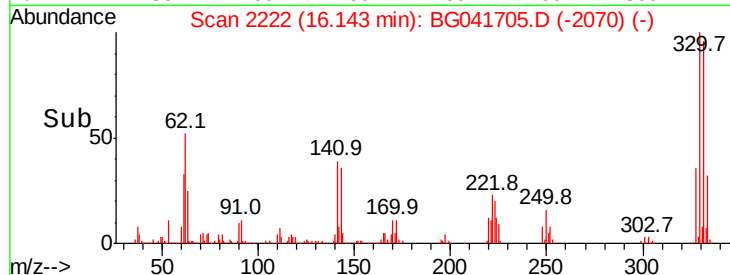
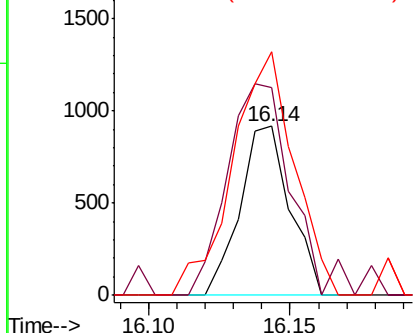
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.996 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. 0.36 min
 Lab File: BG041705.D
 Acq: 18 Jul 2019 2:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	123.0	22.3	62.3#
105	144.1	18.0	58.0#

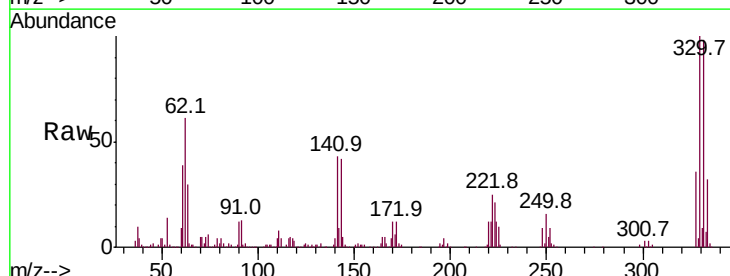


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

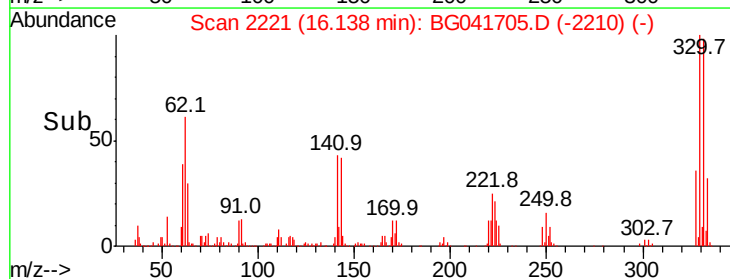
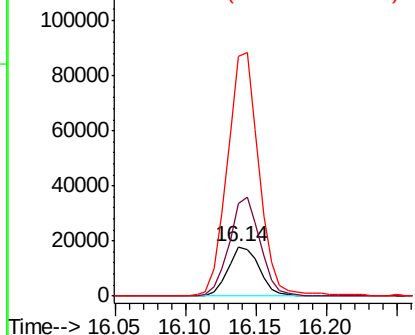


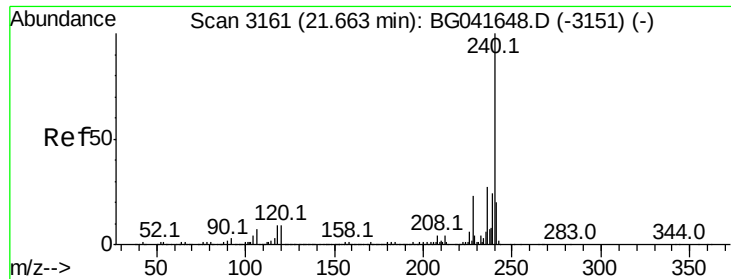
#67
 4-Bromophenyl-phenylether
 Concen: 3.677 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.47 min
 Lab File: BG041705.D
 Acq: 18 Jul 2019 2:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	186.2	78.1	117.1#
141	484.9	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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041705.D

Acq: 18 Jul 2019 2:07

Instrument :

BNA_G

ClientSampleId :

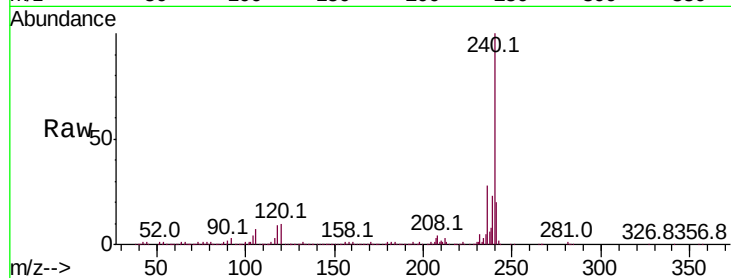
Tot Ion:240 Resp: 658960

Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

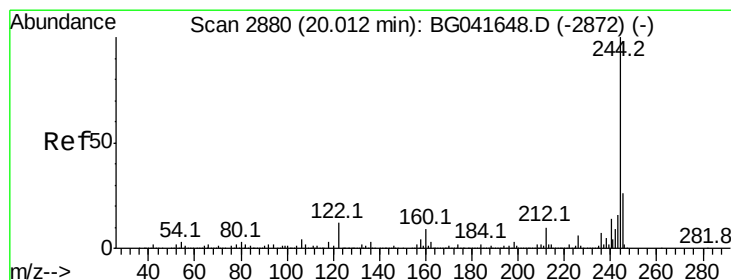
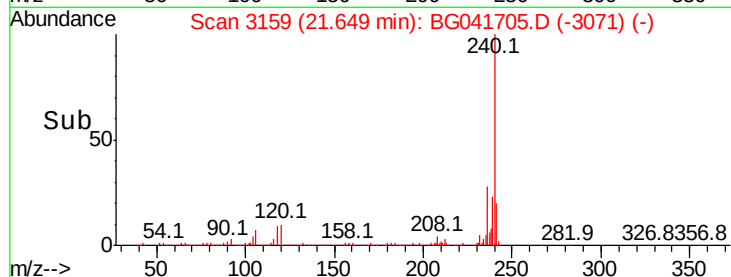
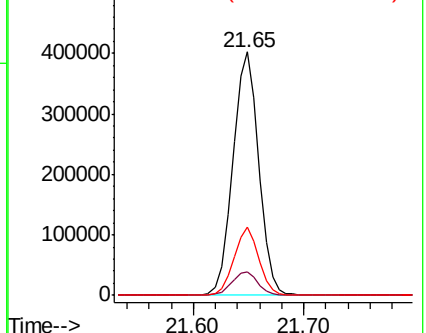
236 28.0 22.6 33.8



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: 68.820 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041705.D

Acq: 18 Jul 2019 2:07

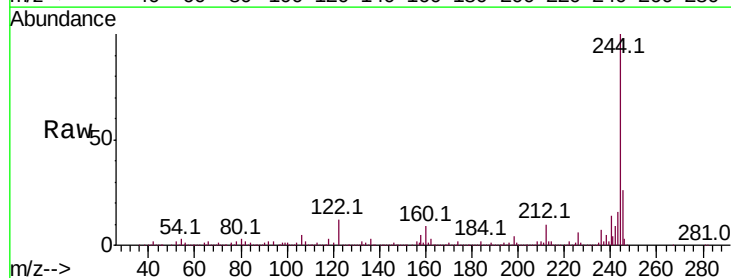
Tgt Ion:244 Resp: 1940597

Ion Ratio Lower Upper

244 100

212 9.7 9.7 14.5

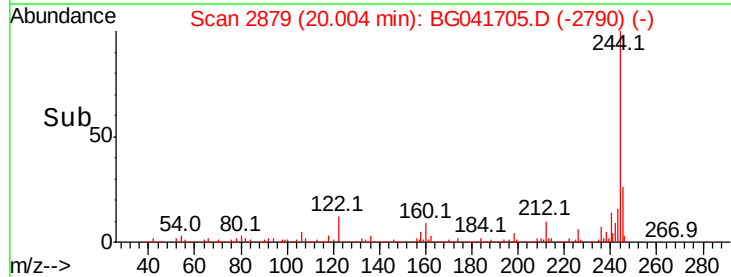
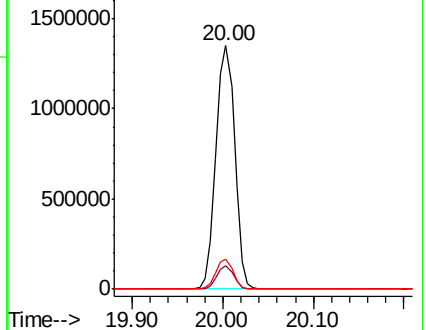
122 12.4 12.5 18.7#

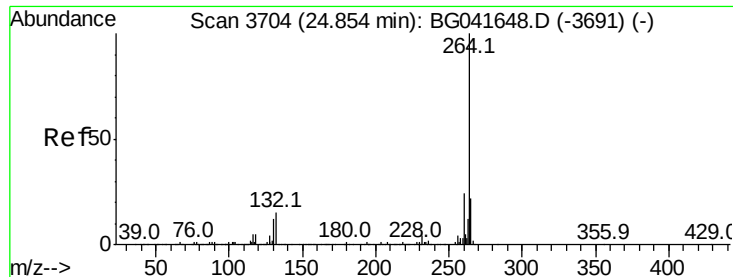


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

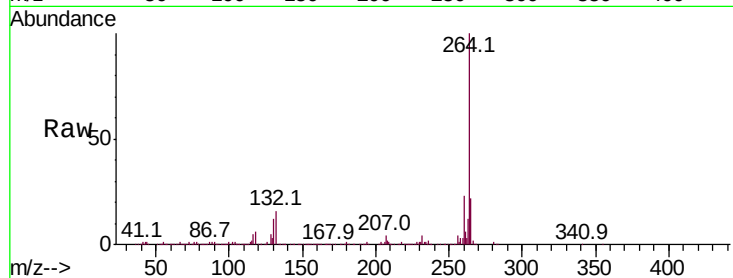




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG041705.D
Acq: 18 Jul 2019 2:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.5	18.0	27.0



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

