

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044365.D
 Acq On : 10 Feb 2020 20:38
 Operator : CG/JU
 Sample : L1470-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 02:53:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

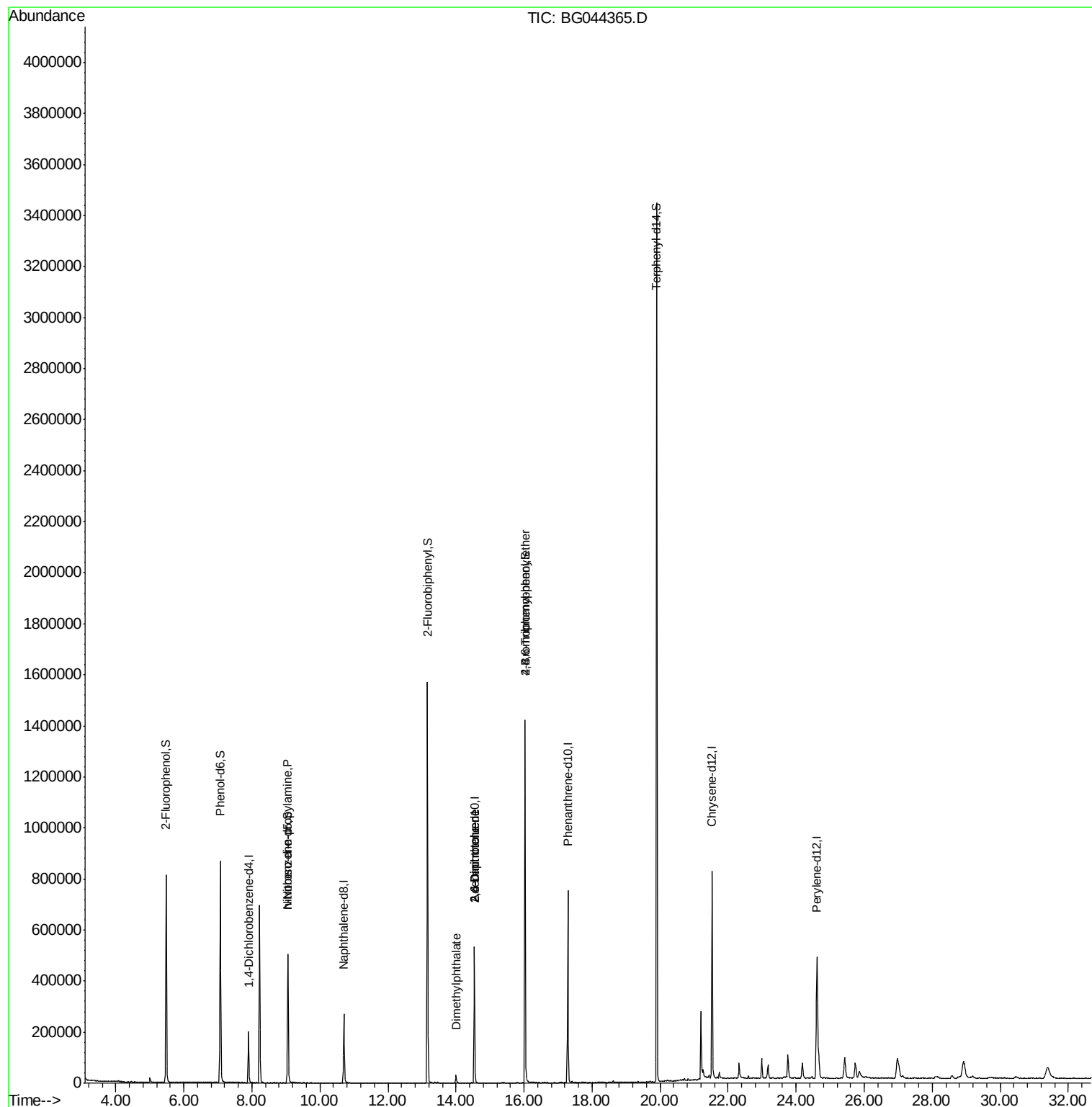
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	60982	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	262596	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	193582	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	489648	20.00	ng	0.00
76) Chrysene-d12	21.53	240	480756	20.00	ng	0.00
87) Perylene-d12	24.61	264	491139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	418001	120.97	ng	0.00
7) Phenol-d6	7.07	99	572116	123.30	ng	0.00
23) Nitrobenzene-d5	9.06	82	342725	73.68	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	283527	124.76	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	873624	75.57	ng	0.00
79) Terphenyl-d14	19.90	244	1642675	70.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	42737	13.820	ng	# 77
50) Dimethylphthalate	14.00	163	30282	2.176	ng	# 97
51) 2,6-Dinitrotoluene	14.54	165	24924	8.033	ng	# 29
57) 2,4-Dinitrotoluene	14.54	165	24924	5.732	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	19289	3.616	ng	# 1

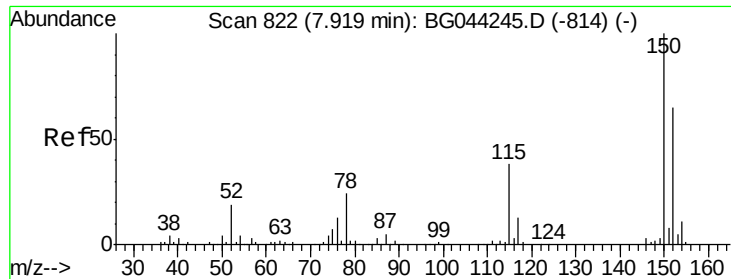
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



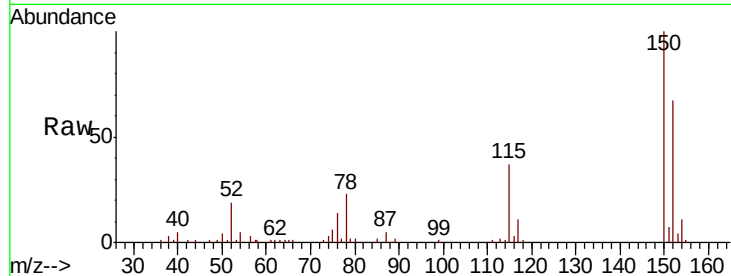


#1

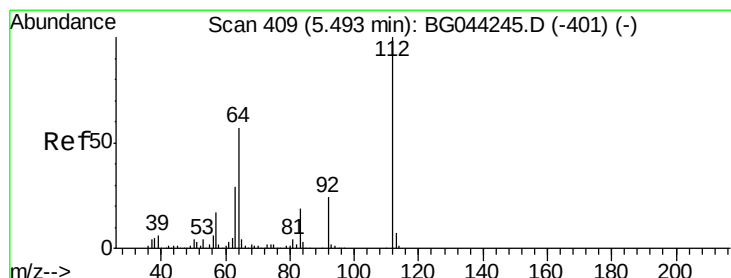
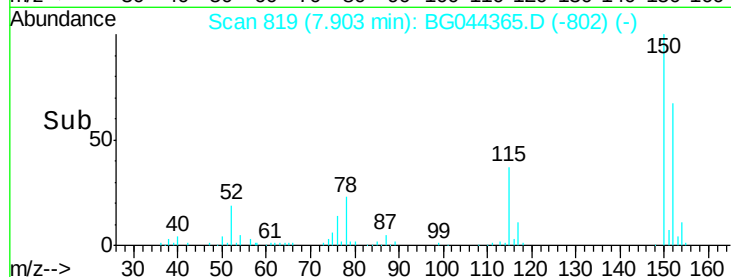
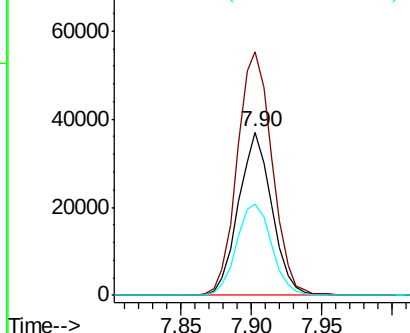
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044365.D
Acq: 10 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	122.6	183.8
115	55.7	46.0	69.0



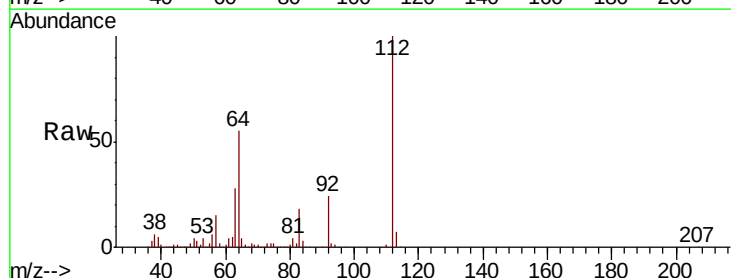
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



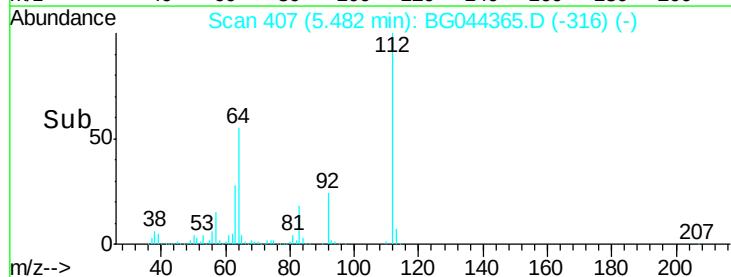
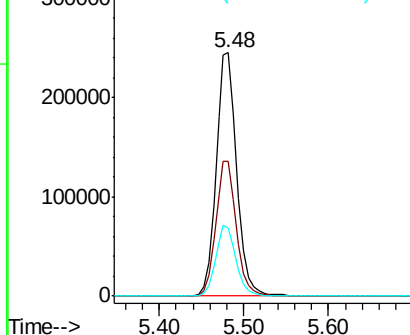
#5

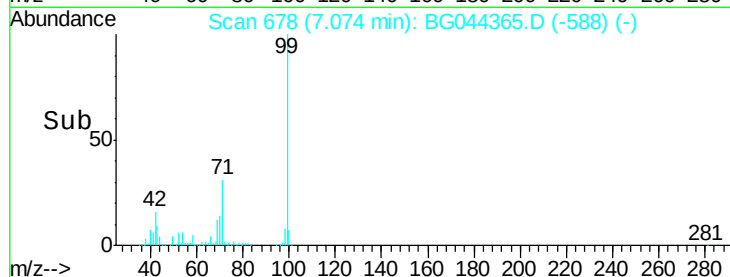
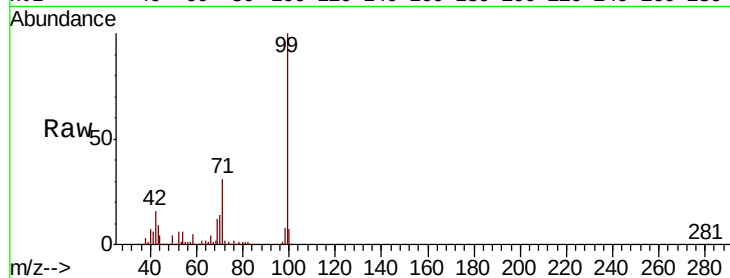
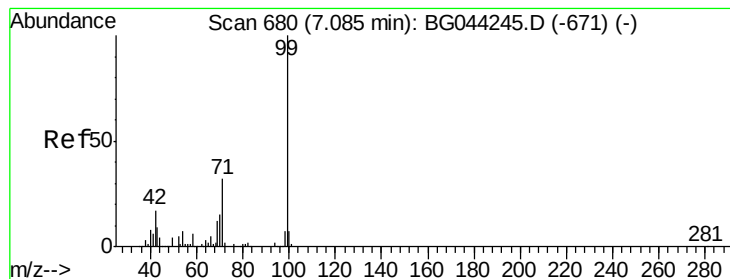
2-Fluorophenol
Concen: 120.971 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044365.D
Acq: 10 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.4	68.2
63	27.9	22.9	34.3



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: 123.299 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044365.D

Acq: 10 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

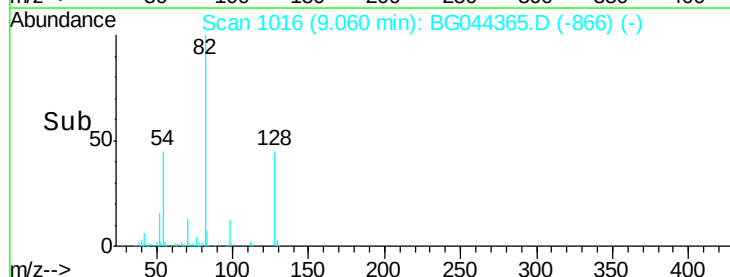
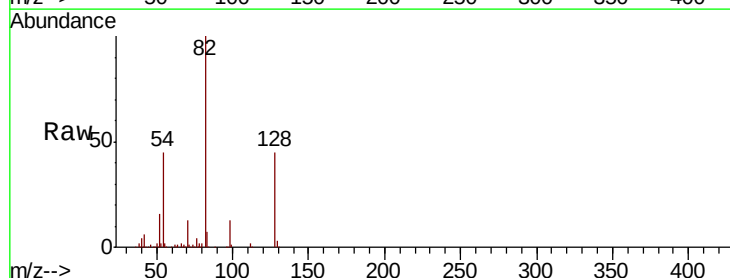
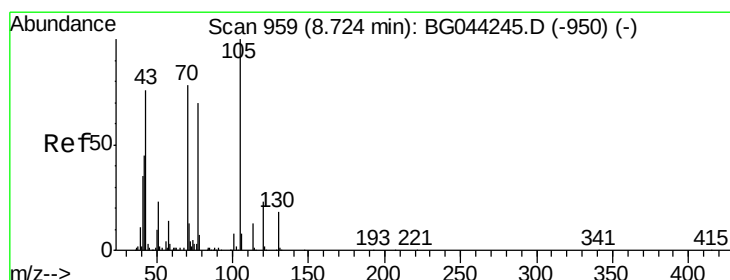
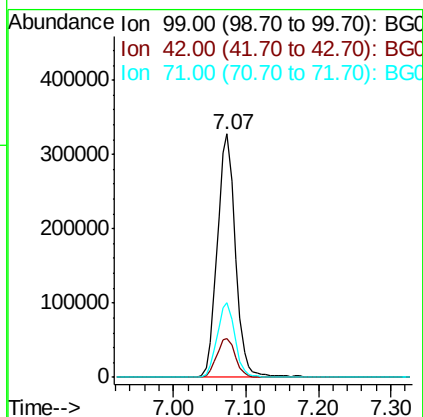
Tot Ion: 99 Resp: 572116

Ion Ratio Lower Upper

99 100

42 15.9 13.8 20.6

71 30.7 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.820 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044365.D

Acq: 10 Feb 2020 20:38

Tgt Ion: 70 Resp: 42737

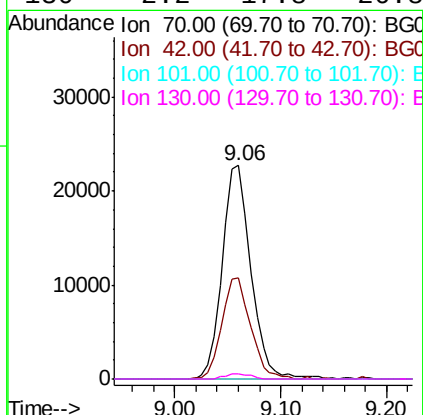
Ion Ratio Lower Upper

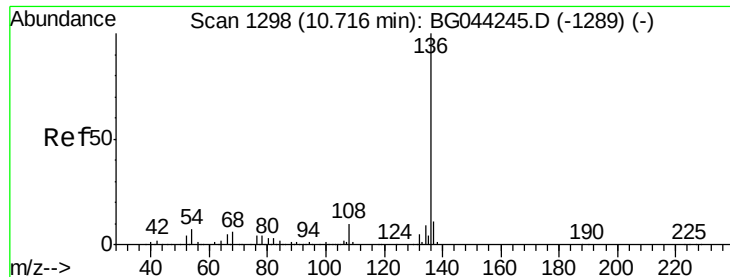
70 100

42 47.3 46.2 69.2

101 0.0 8.4 12.6#

130 2.2 17.8 26.8#

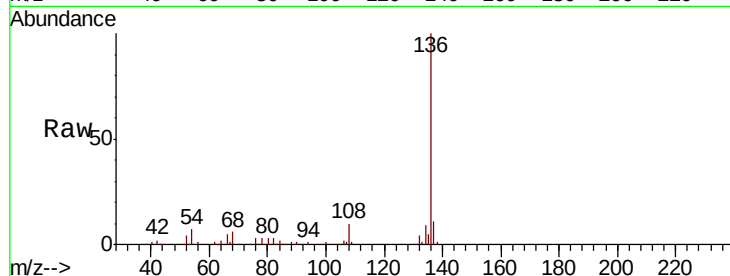




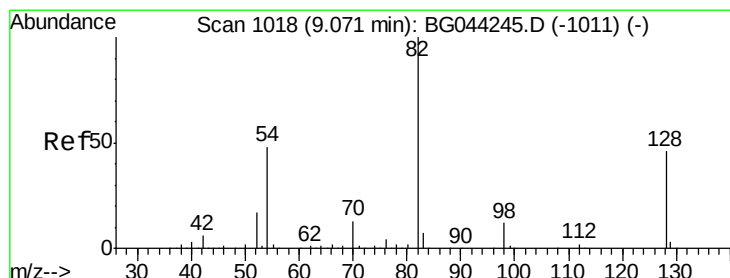
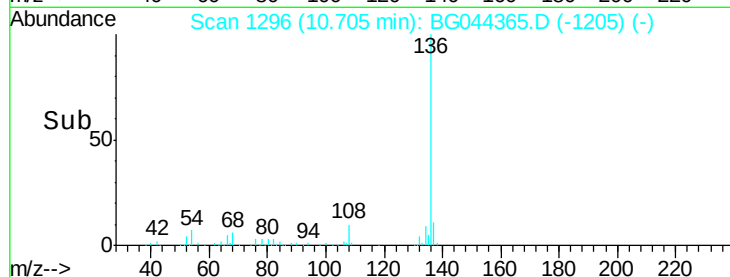
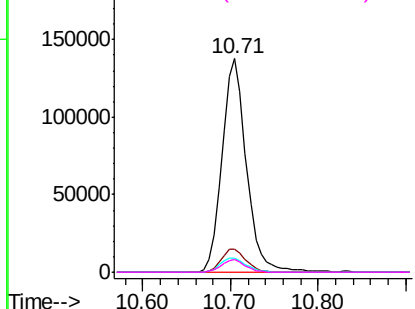
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044365.D
Acq: 10 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	262596	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 6.5	5.8	8.8	
68 5.9	4.6	6.8	

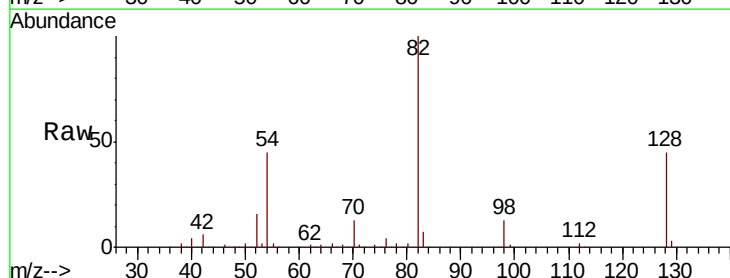


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

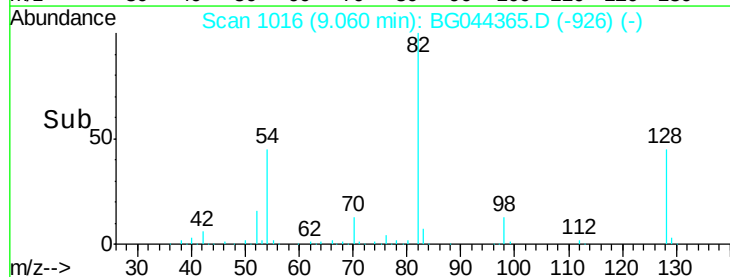
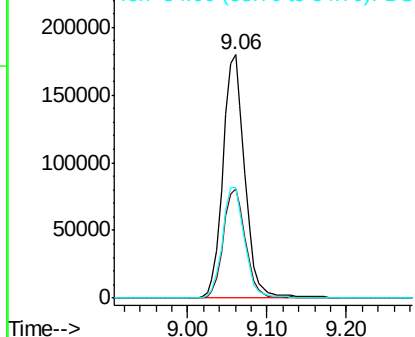


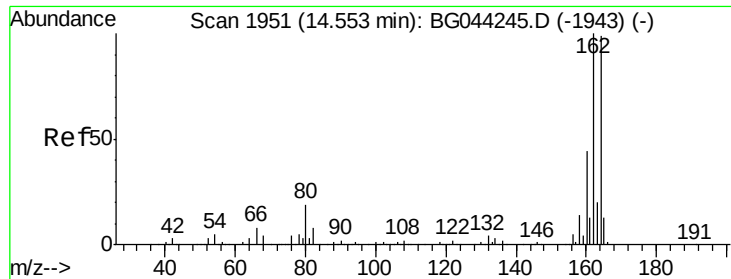
#23
Nitrobenzene-d5
Concen: 73.683 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044365.D
Acq: 10 Feb 2020 20:38

Tgt Ion: 82	Resp: 342725
Ion Ratio	Lower Upper
82 100	
128 44.9	36.5 54.7
54 45.4	38.6 58.0



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: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044365.D

Acq: 10 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

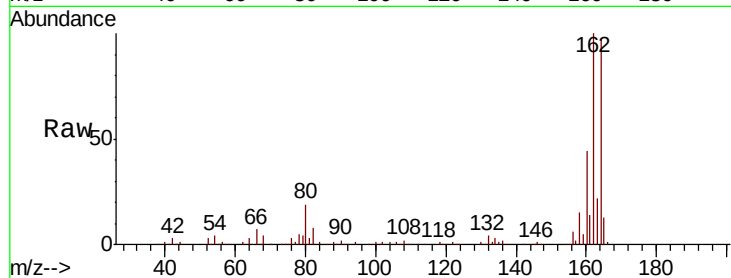
Tot Ion:164 Resp: 193582

Ion Ratio Lower Upper

164 100

162 102.7 80.7 121.1

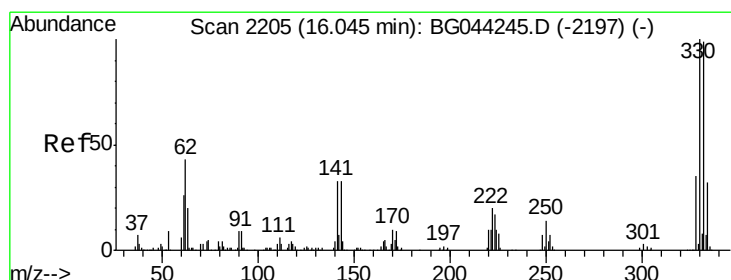
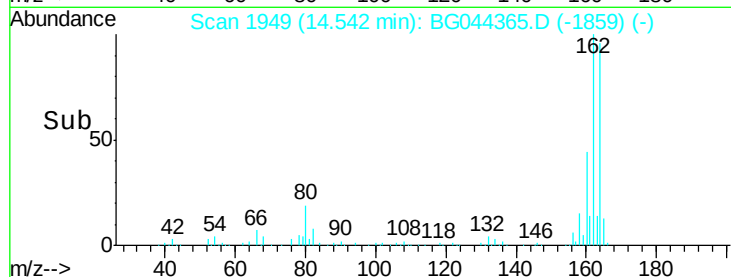
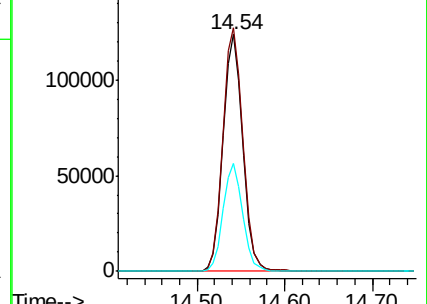
160 45.3 35.3 52.9



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: 124.762 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG044365.D

Acq: 10 Feb 2020 20:38

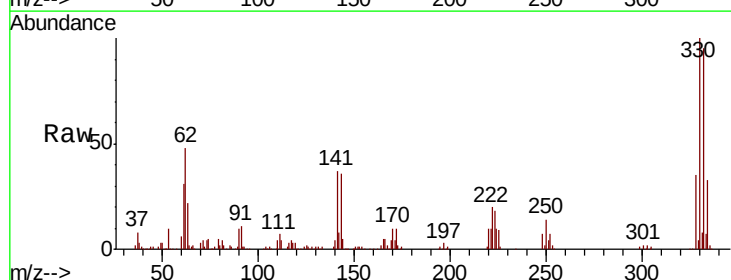
Tgt Ion:330 Resp: 283527

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

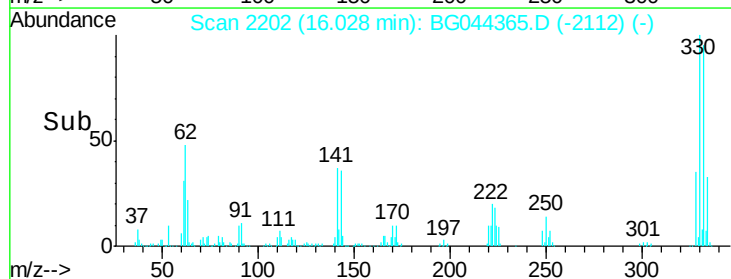
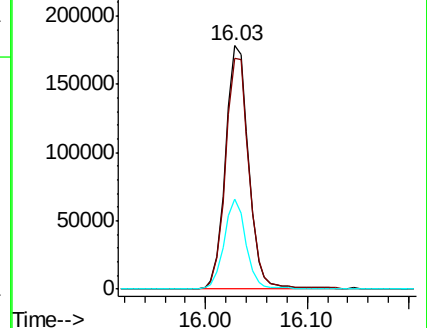
141 35.2 28.3 42.5

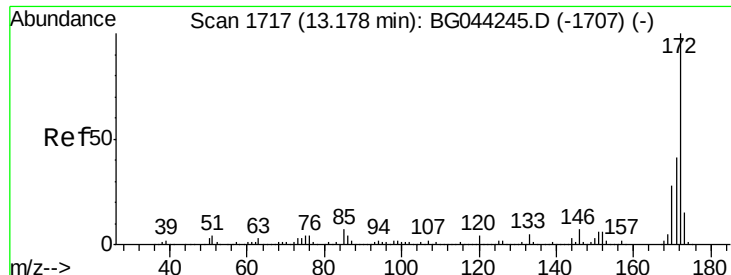


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

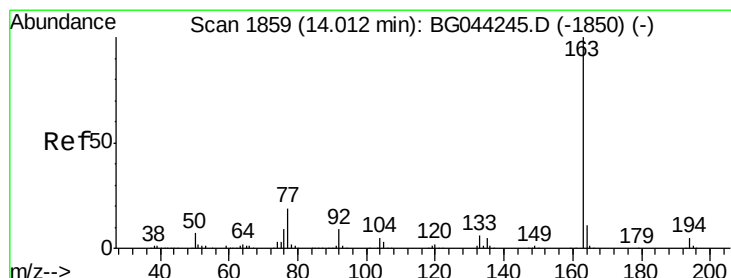
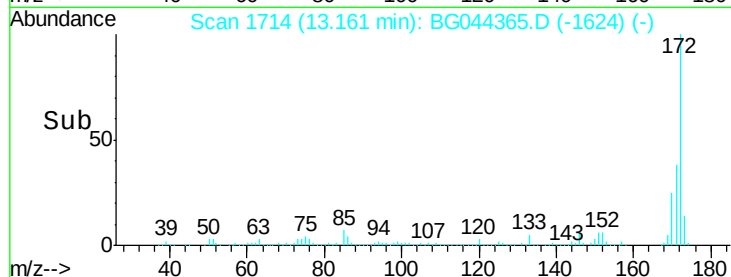
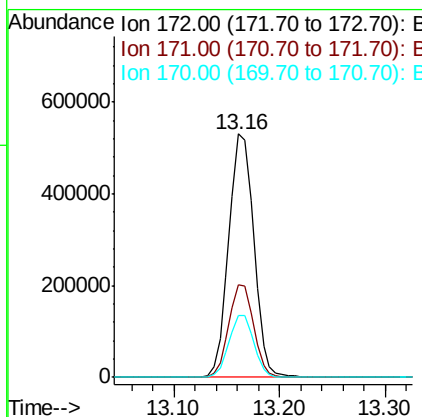
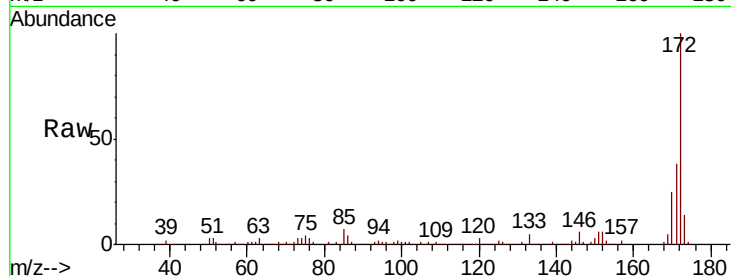




#45
2-Fluorobiphenyl
Concen: 75.572 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BG044365.D
Acq: 10 Feb 2020 20:38

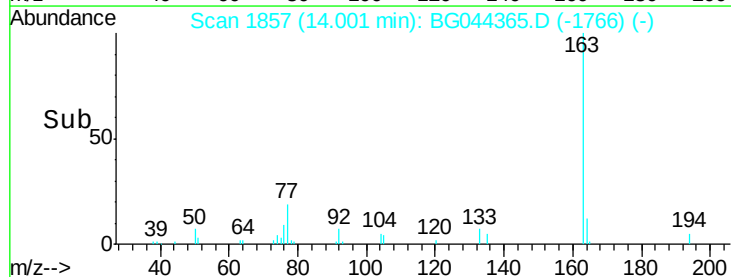
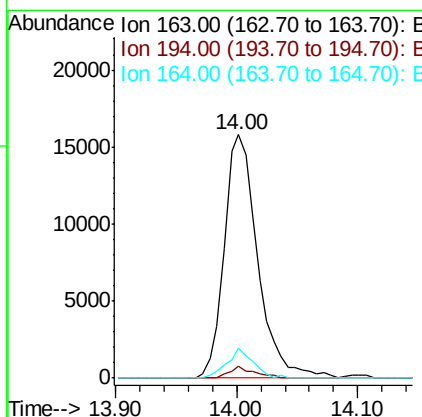
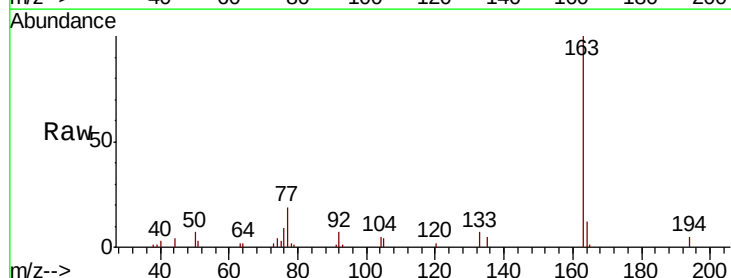
Instrument :
BNA_G
ClientSampleId :

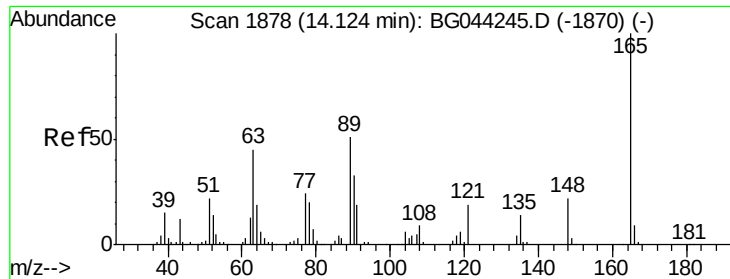
Tot Ion:172 Resp: 873624
Ion Ratio Lower Upper
172 100
171 38.1 32.9 49.3
170 25.3 22.0 33.0



#50
Dimethylphthalate
Concen: 2.176 ng
RT: 14.00 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG044365.D
Acq: 10 Feb 2020 20:38

Tgt Ion:163 Resp: 30282
Ion Ratio Lower Upper
163 100
194 5.0 3.6 5.4
164 12.3 8.7 13.1

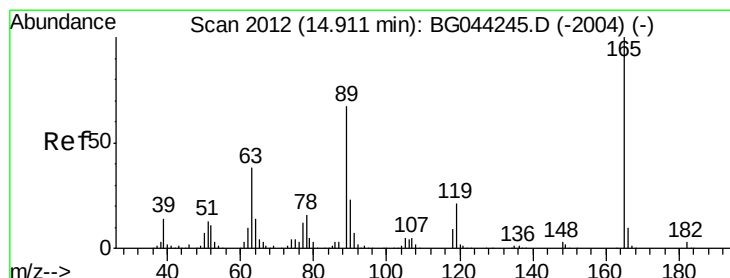
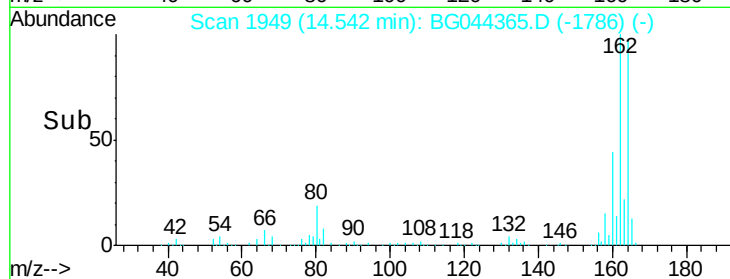
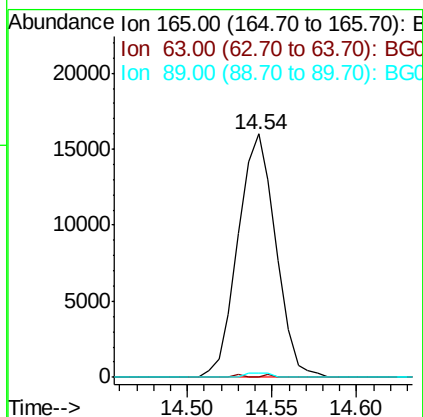
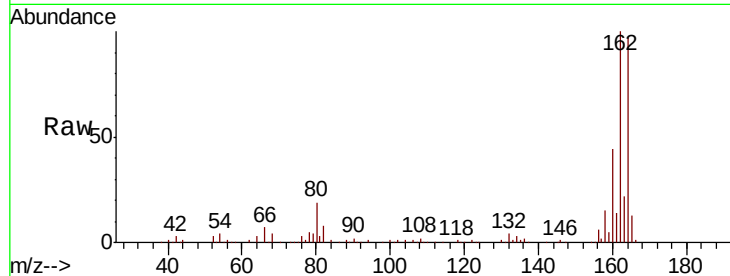




#51
 2,6-Dinitrotoluene
 Concen: 8.033 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.43 min
 Lab File: BG044365.D
 Acq: 10 Feb 2020 20:38

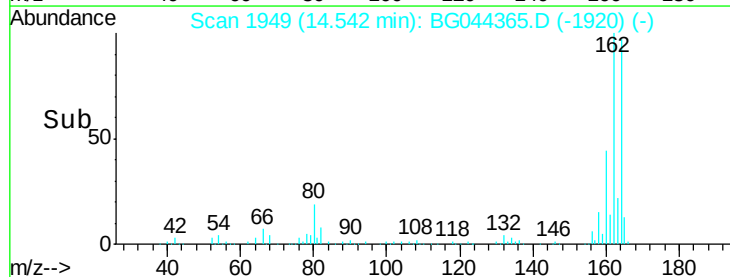
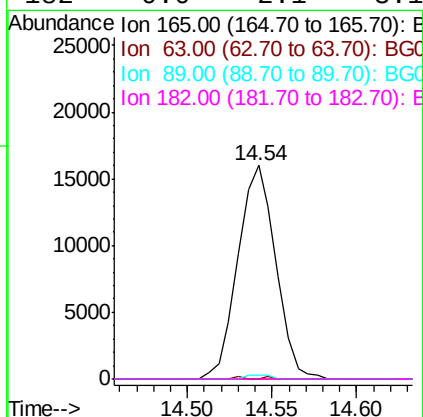
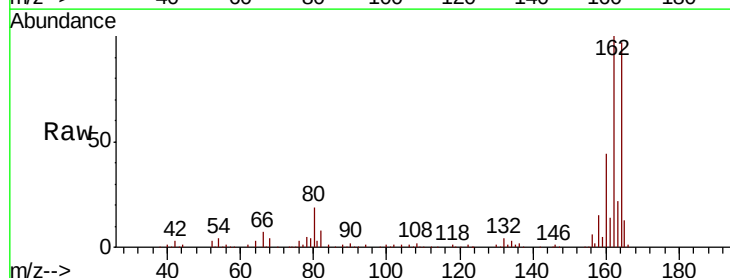
Instrument :
 BNA_G
 ClientSampleId :

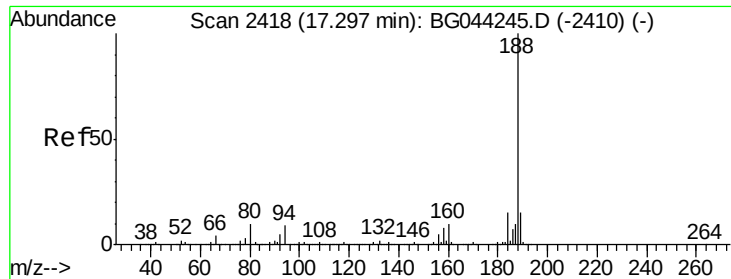
Tot Ion:165 Resp: 24924
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.7 58.1#
 89 1.6 40.4 60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.732 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG044365.D
 Acq: 10 Feb 2020 20:38

Tgt Ion:165 Resp: 24924
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.3 45.5#
 89 1.6 53.4 80.2#
 182 0.0 2.1 3.1#

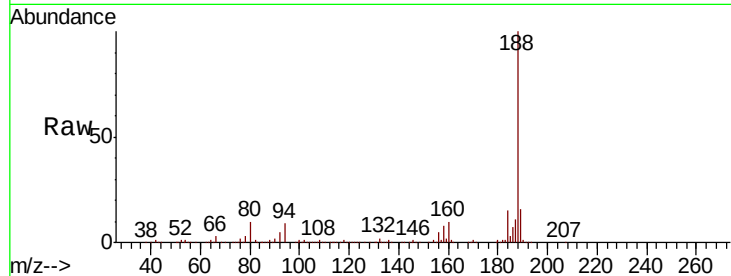




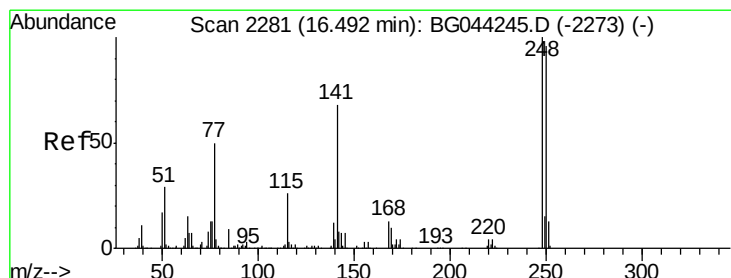
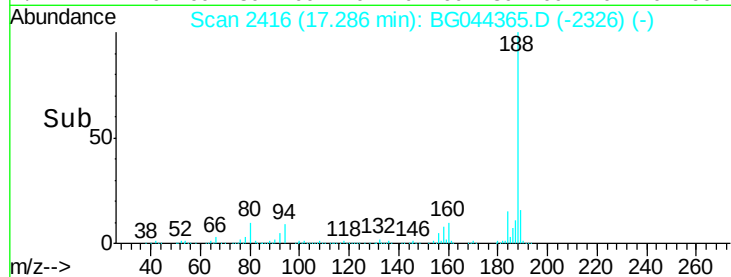
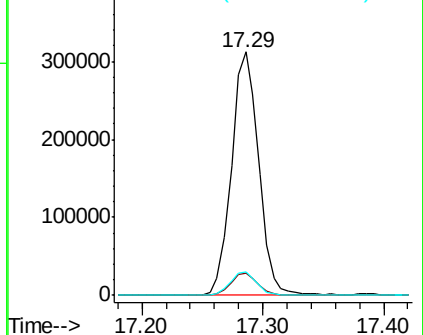
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044365.D
Acq: 10 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 489648
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.7 7.7 11.5

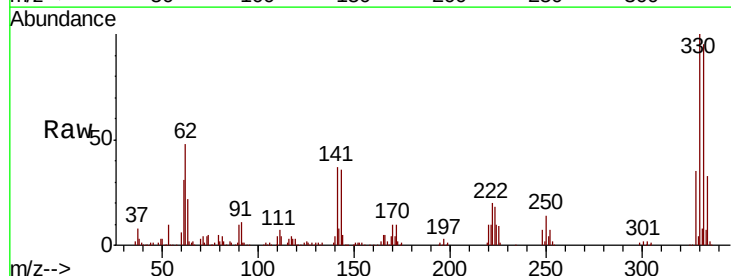


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

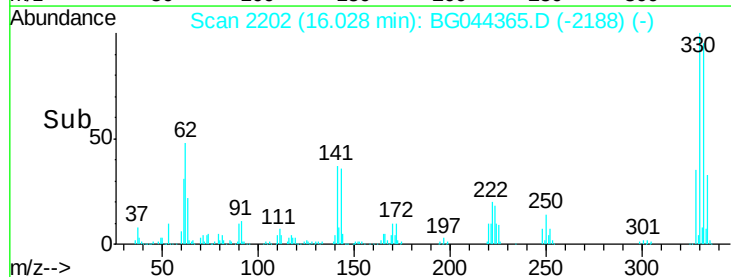
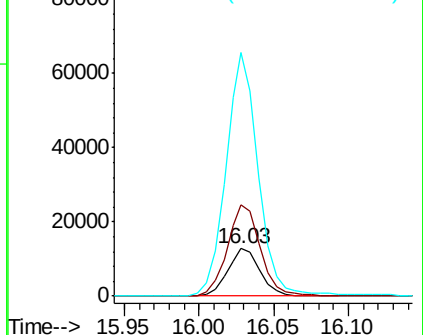


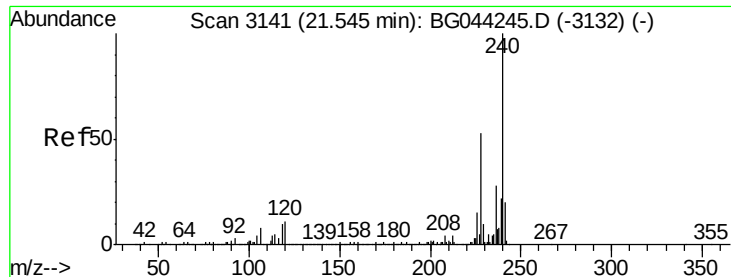
#67
4-Bromophenyl-phenylether
Concen: 3.616 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.45 min
Lab File: BG044365.D
Acq: 10 Feb 2020 20:38

Tgt Ion:248 Resp: 19289
Ion Ratio Lower Upper
248 100
250 191.2 76.6 114.8#
141 512.9 54.7 82.1#



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

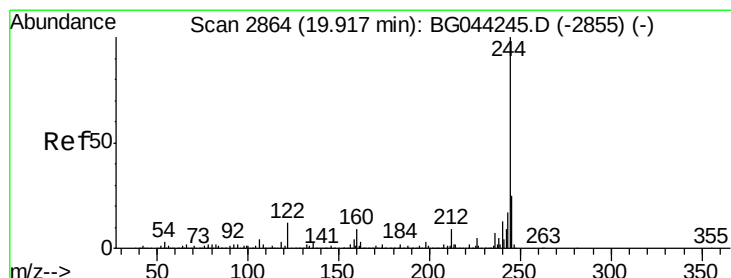
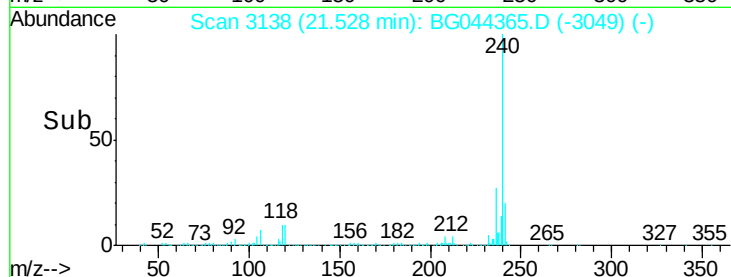
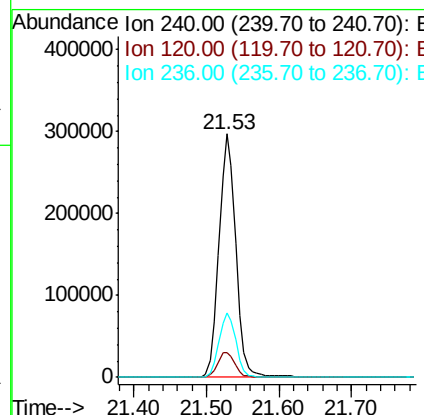
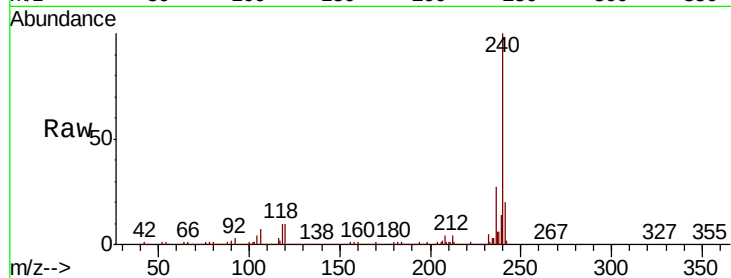




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044365.D
 Acq: 10 Feb 2020 20:38

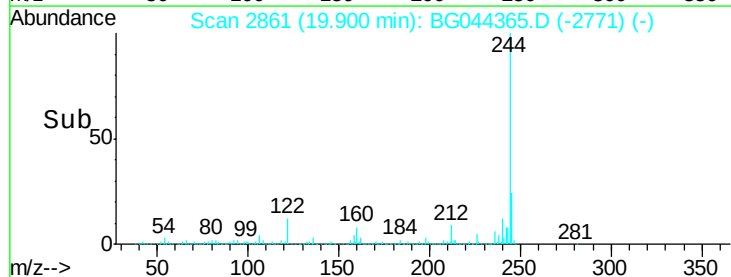
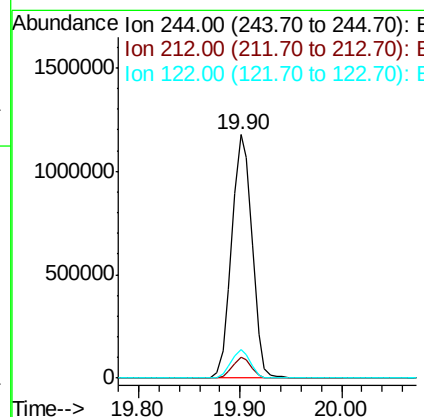
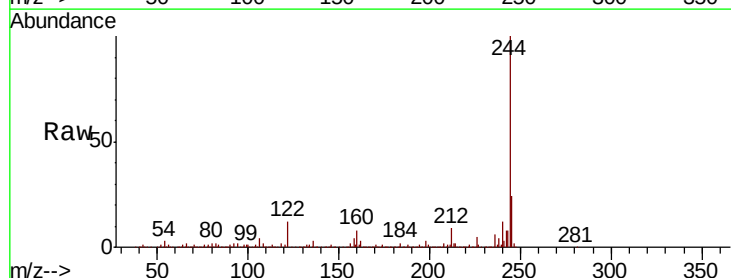
Instrument :
 BNA_G
 ClientSampleId :

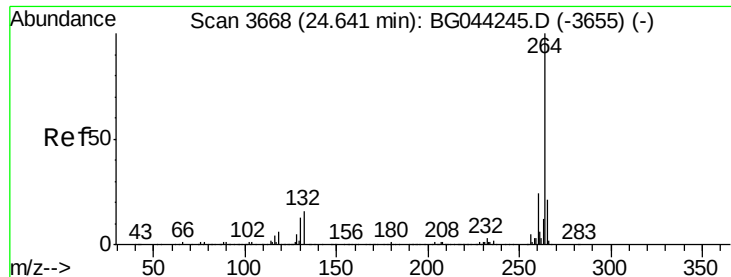
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	26.6	22.1	33.1



#79
 Terphenyl-d14
 Concen: 70.280 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044365.D
 Acq: 10 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	11.7	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044365.D
Acq: 10 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.2	16.7	25.1

