

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044361.D
 Acq On : 10 Feb 2020 18:01
 Operator : CG/JU
 Sample : PB126691BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 02:52:09 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

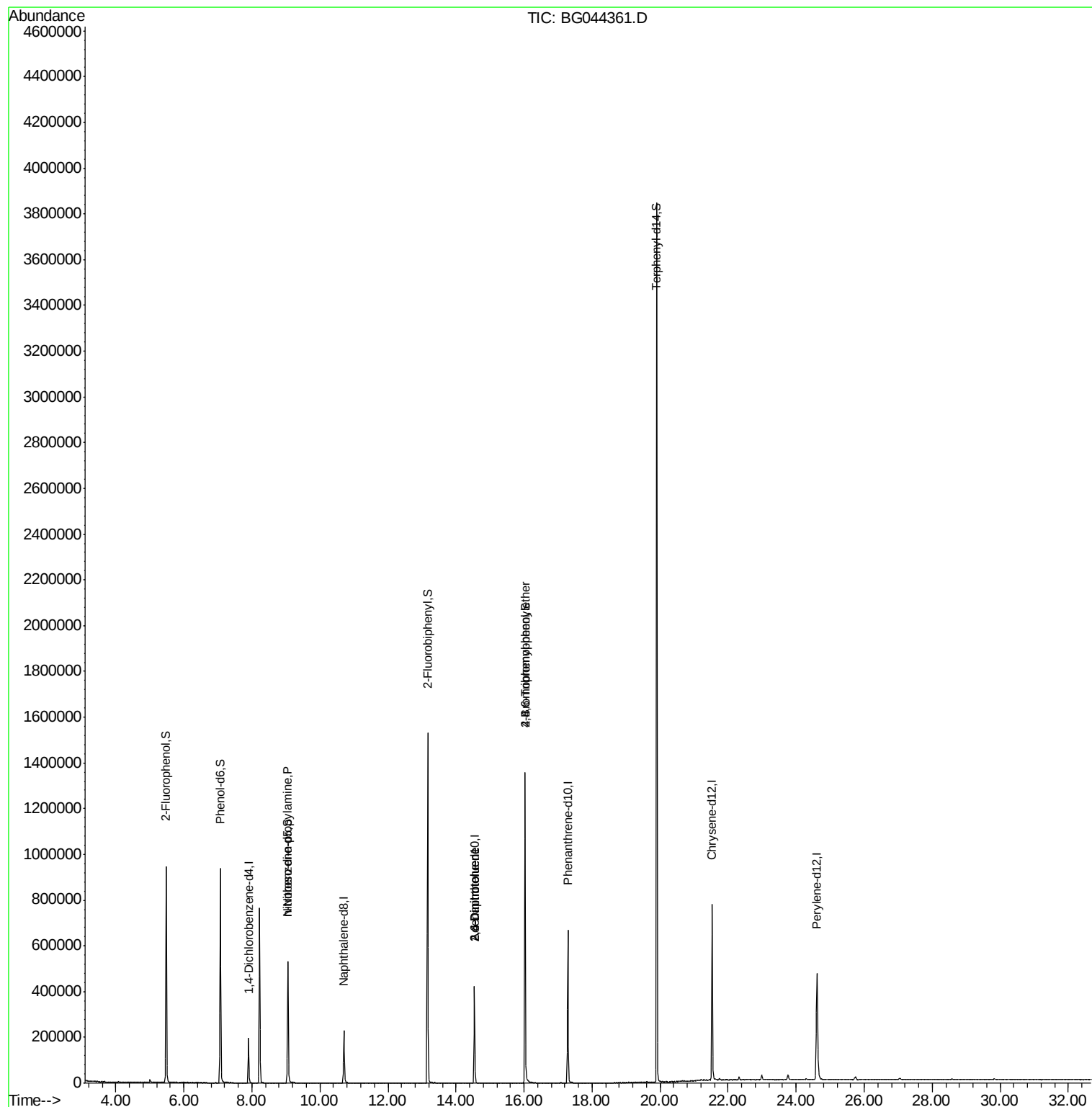
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	57883	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	235401	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	161824	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	431268	20.00	ng	0.00
76) Chrysene-d12	21.53	240	480892	20.00	ng	0.00
87) Perylene-d12	24.61	264	486117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	470265	143.38	ng	0.00
7) Phenol-d6	7.07	99	603915	137.12	ng	0.00
23) Nitrobenzene-d5	9.06	82	360279	86.41	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	284961	150.00	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	897536	92.88	ng	0.00
79) Terphenyl-d14	19.90	244	1931386	82.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	45677	15.562	ng	# 79
51) 2,6-Dinitrotoluene	14.54	165	20840	8.035	ng	# 29
57) 2,4-Dinitrotoluene	14.54	165	20840	5.733	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	19112	4.068	ng	# 1

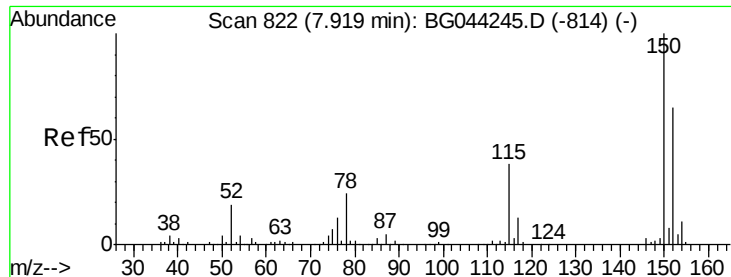
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

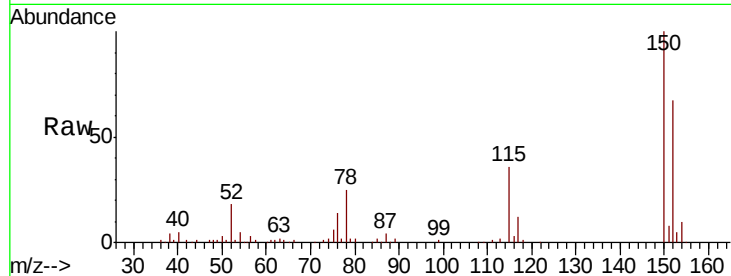




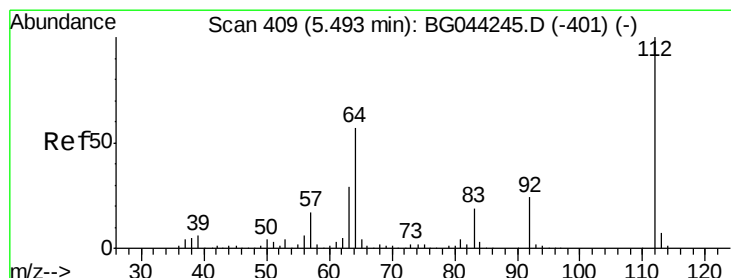
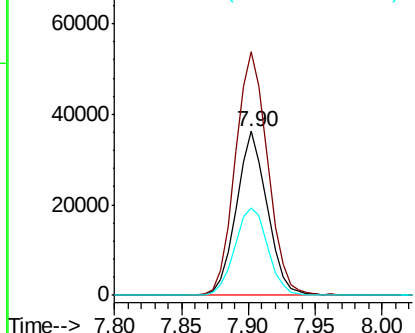
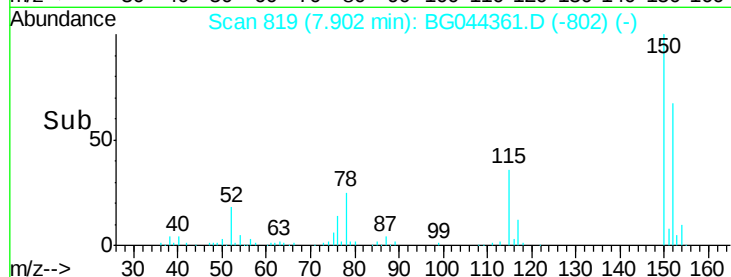
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG044361.D
 Acq: 10 Feb 2020 18:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 57883
 Ion Ratio Lower Upper
 152 100
 150 148.7 122.6 183.8
 115 53.4 46.0 69.0

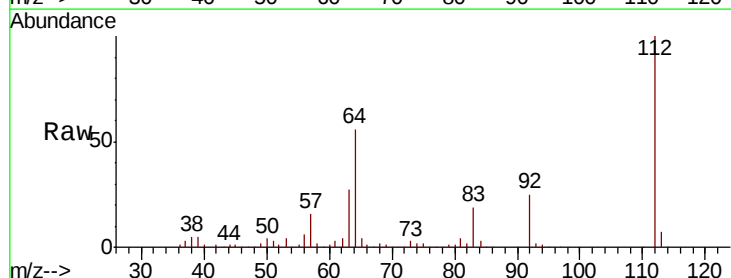


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

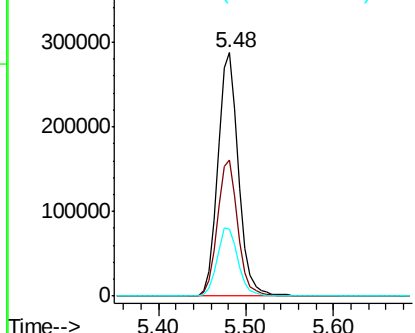
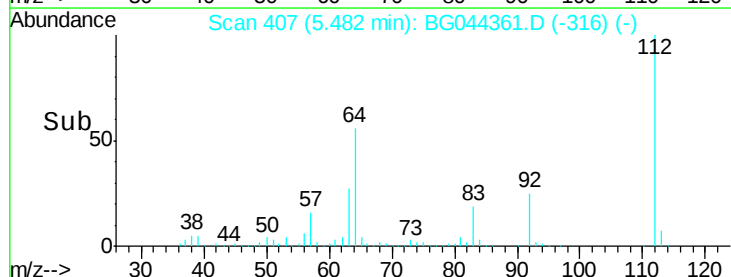


#5
 2-Fluorophenol
 Concen: 143.383 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044361.D
 Acq: 10 Feb 2020 18:01

Tgt Ion:112 Resp: 470265
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.4 68.2
 63 27.4 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 137.121 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

Instrument :

BNA_G

ClientSampleId :

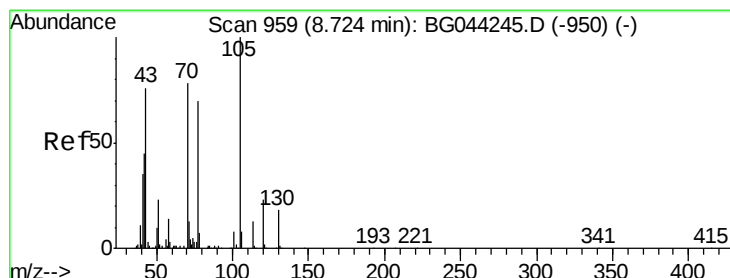
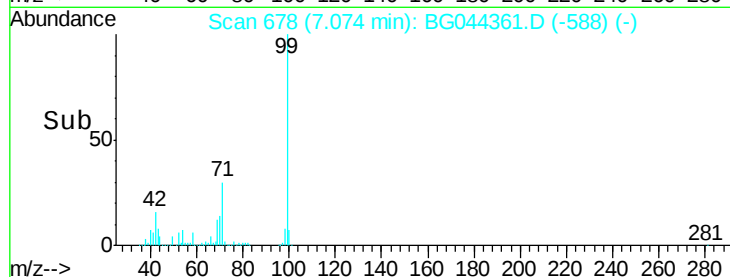
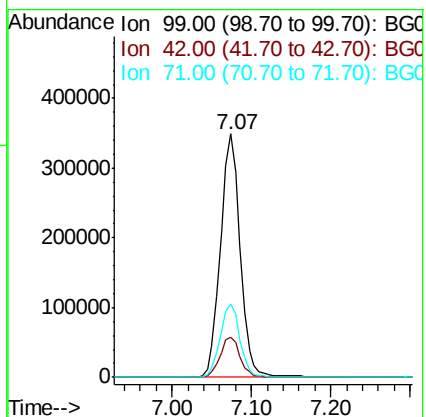
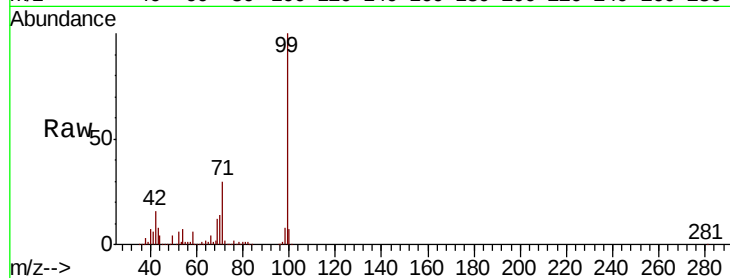
Tot Ion: 99 Resp: 603915

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.6

71 30.4 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.562 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

Tgt Ion: 70 Resp: 45677

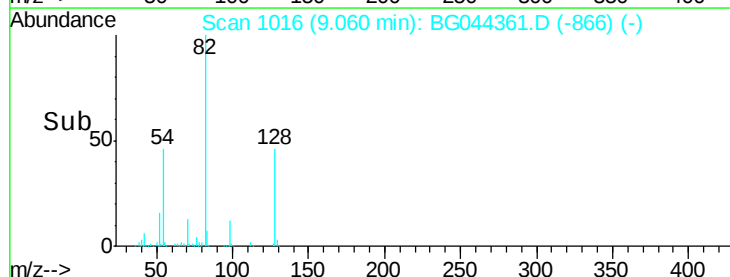
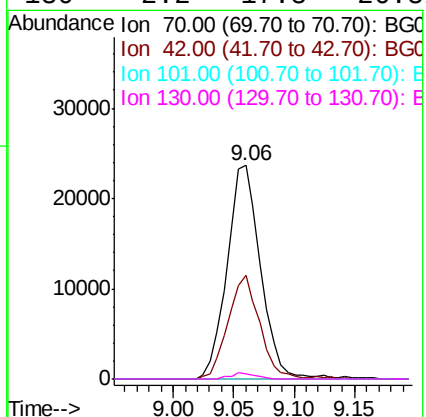
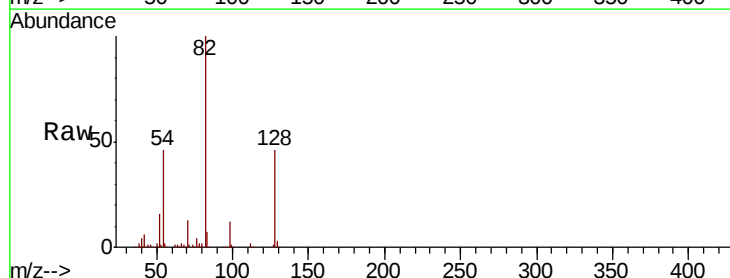
Ion Ratio Lower Upper

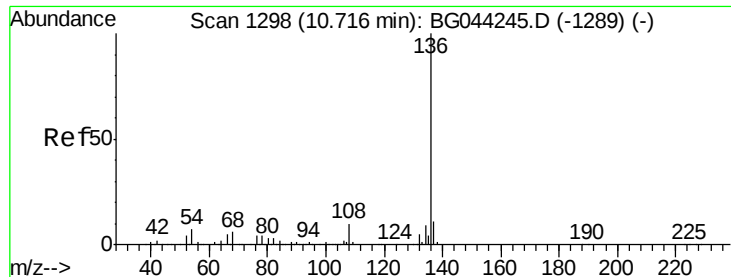
70 100

42 48.6 46.2 69.2

101 0.0 8.4 12.6#

130 2.2 17.8 26.8#

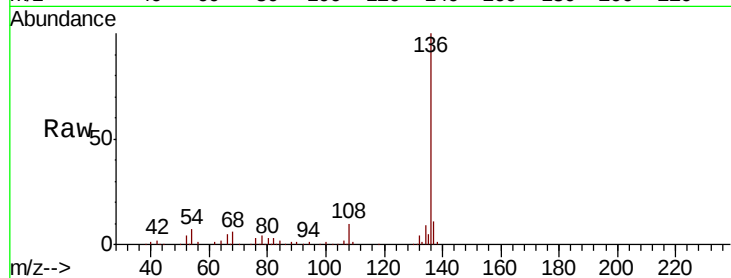




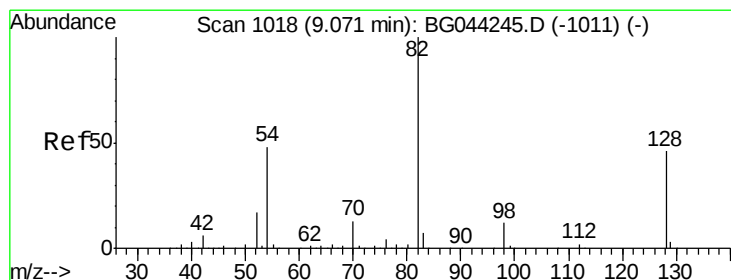
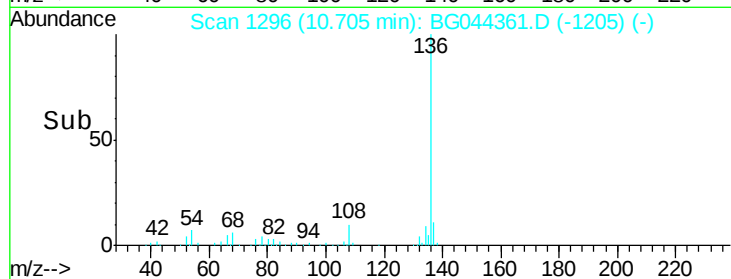
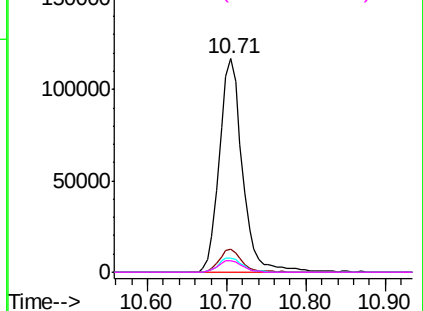
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044361.D
Acq: 10 Feb 2020 18:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 235401
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 6.8	5.8 8.8
68 5.6	4.6 6.8

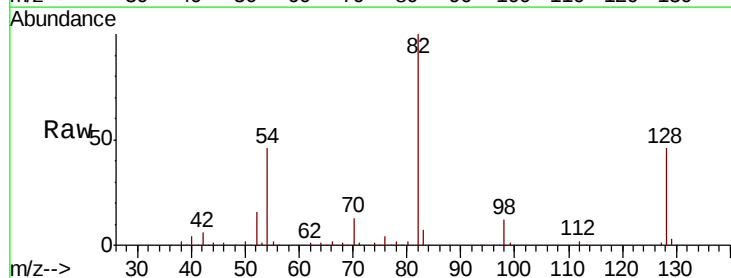


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

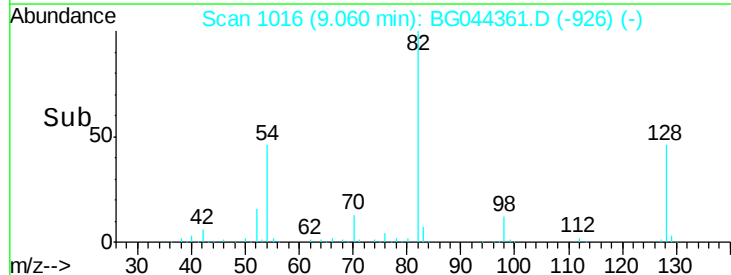
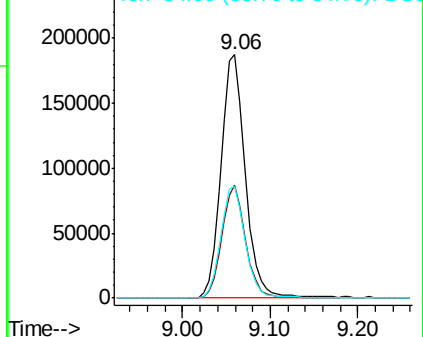


#23
Nitrobenzene-d5
Concen: 86.406 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044361.D
Acq: 10 Feb 2020 18:01

Tgt	Ion: 82	Resp:	360279
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	45.8	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: BG044361.D

Acq: 10 Feb 2020 18:01

Instrument :

BNA_G

ClientSampleId :

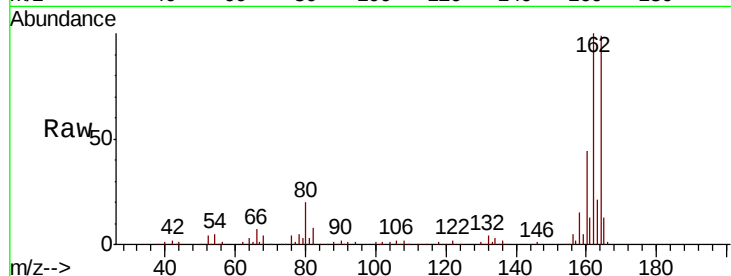
Tot Ion:164 Resp: 161824

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

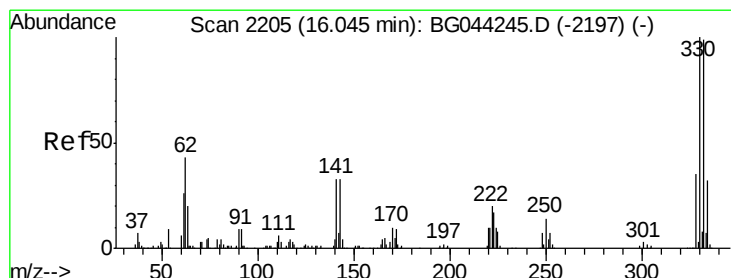
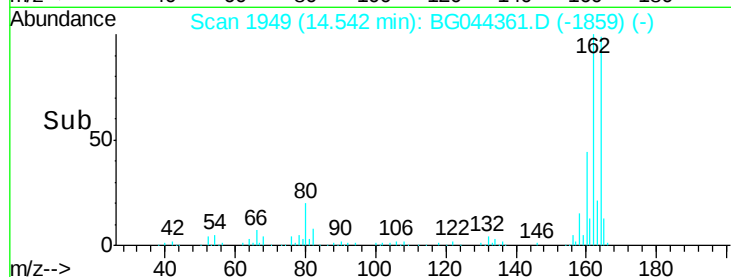
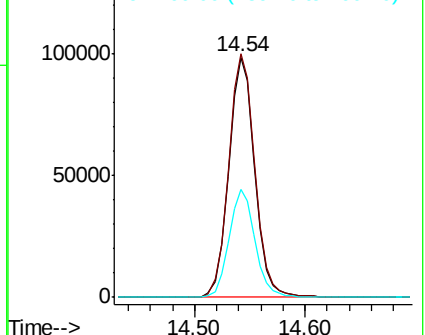
160 44.8 35.3 52.9



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: 150.002 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

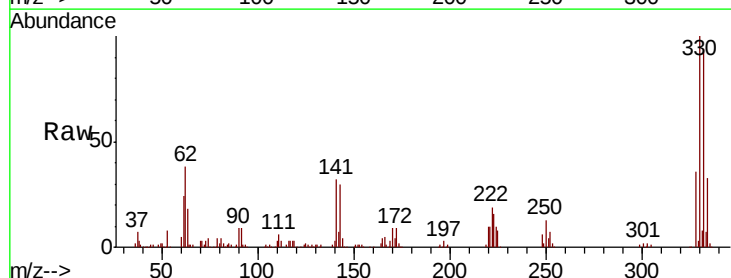
Tgt Ion:330 Resp: 284961

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

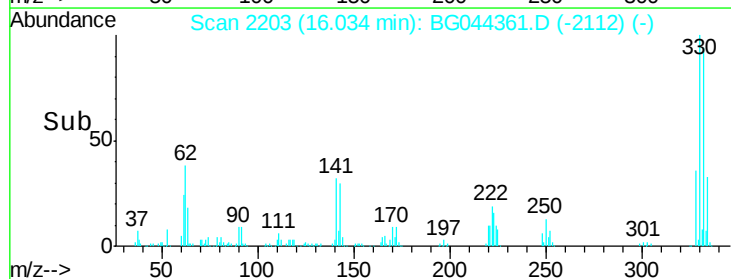
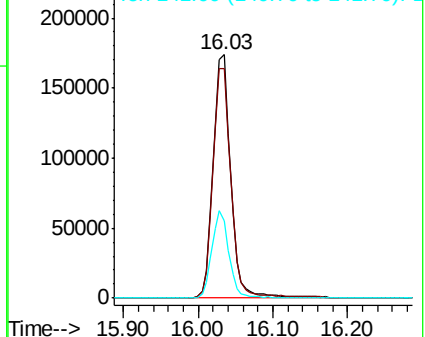
141 34.7 28.3 42.5



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

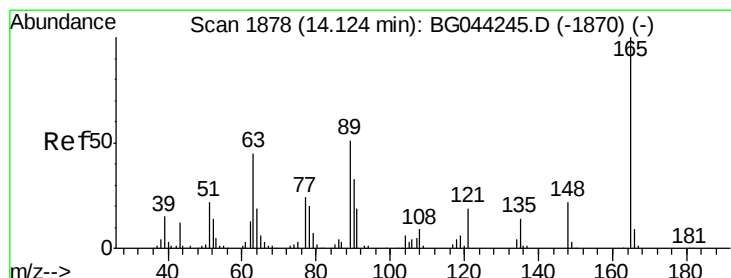
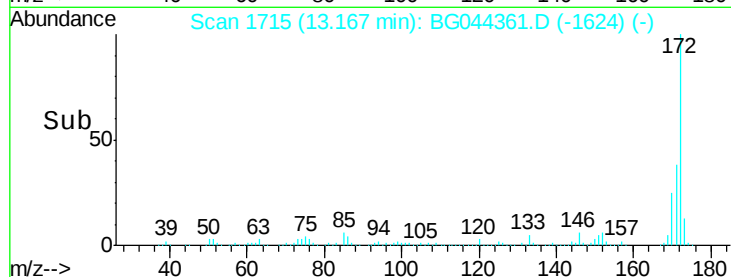
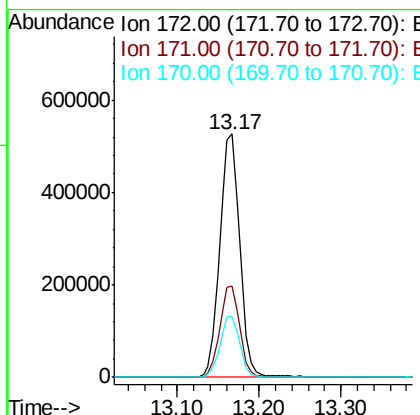
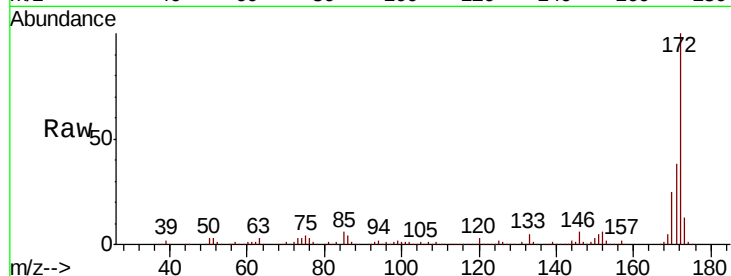




#45
2-Fluorobiphenyl
Concen: 92.877 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044361.D
Acq: 10 Feb 2020 18:01

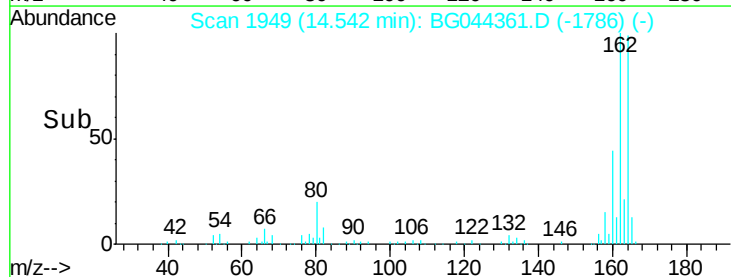
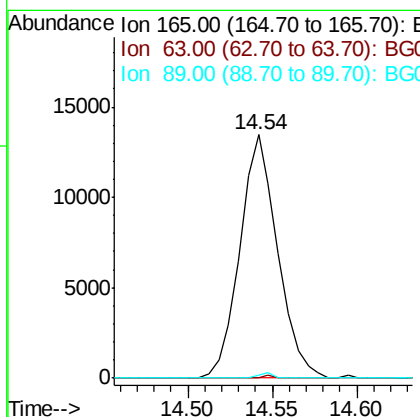
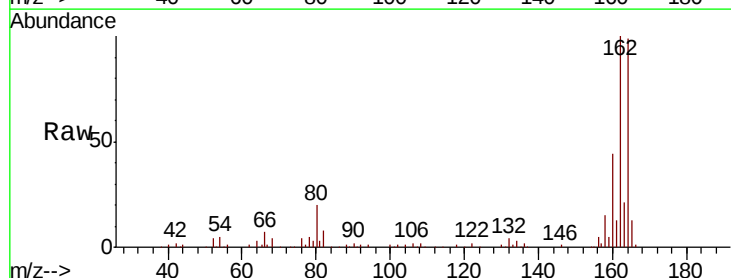
Instrument :
BNA_G
ClientSampleId :

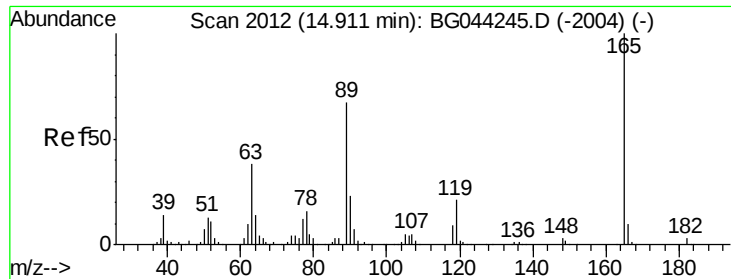
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.9	49.3
170	25.0	22.0	33.0



#51
2,6-Dinitrotoluene
Concen: 8.035 ng
RT: 14.54 min Scan# 1949
Delta R.T. 0.43 min
Lab File: BG044361.D
Acq: 10 Feb 2020 18:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.2	40.4	60.6#

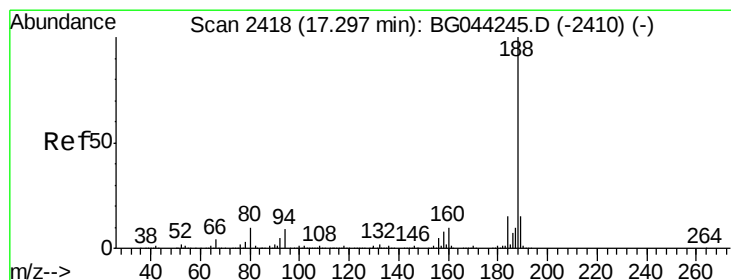
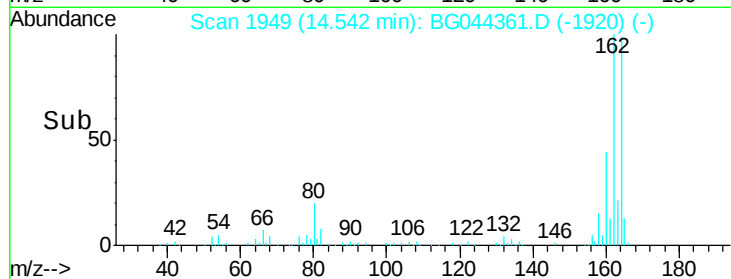
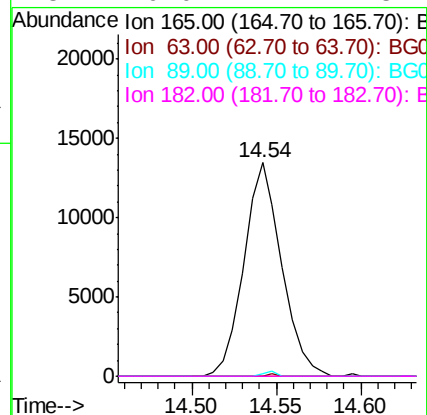
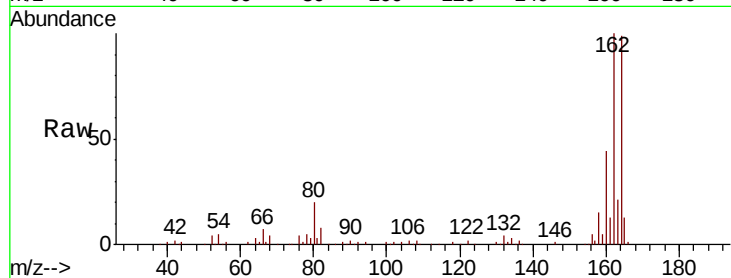




#57
 2,4-Dinitrotoluene
 Concen: 5.733 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG044361.D
 Acq: 10 Feb 2020 18:01

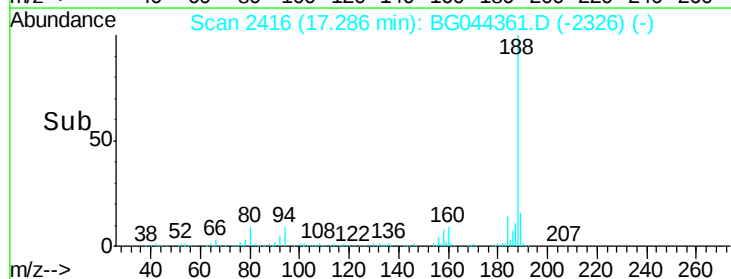
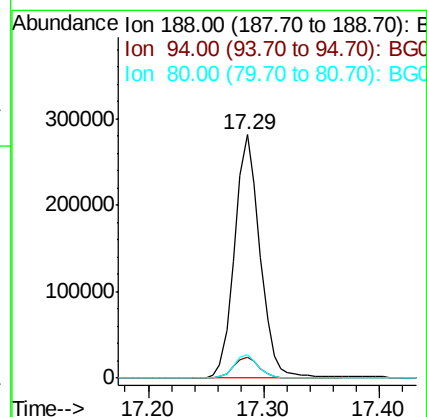
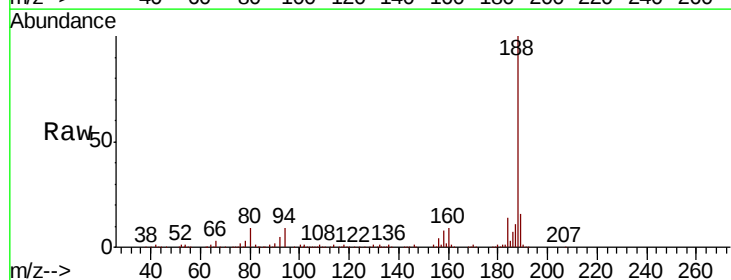
Instrument :
 BNA_G
 ClientSampleId :

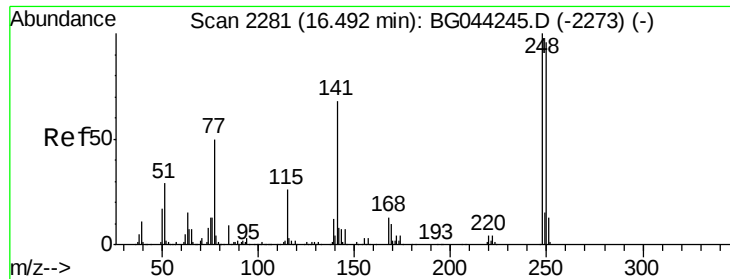
Tot Ion:165	Resp:	20840
Ion Ratio	Lower	Upper
165	100	
63	0.0	30.3 45.5#
89	1.2	53.4 80.2#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG044361.D
 Acq: 10 Feb 2020 18:01

Tgt Ion:188	Resp:	431268
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.4 11.2
80	9.4	7.7 11.5





#67

4-Bromophenyl-phenylether

Concen: 4.068 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.45 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

Instrument :

BNA_G

ClientSampleId :

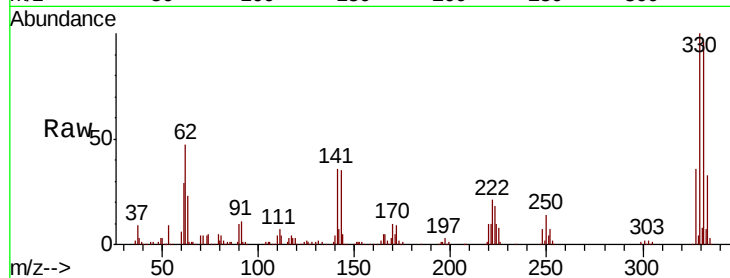
Tot Ion:248 Resp: 19112

Ion Ratio Lower Upper

248 100

250 201.2 76.6 114.8#

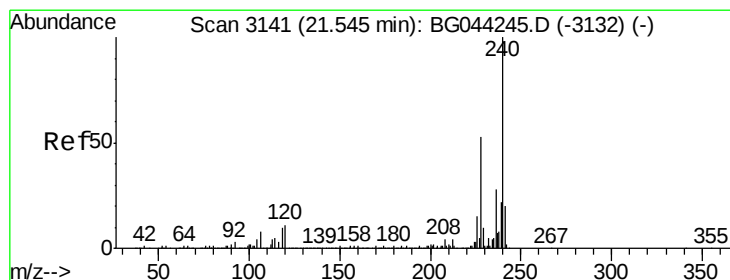
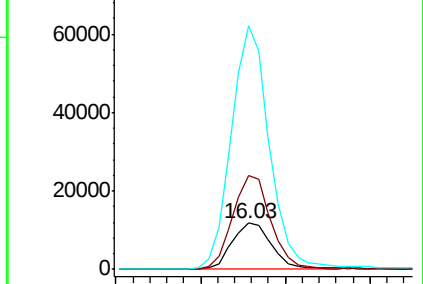
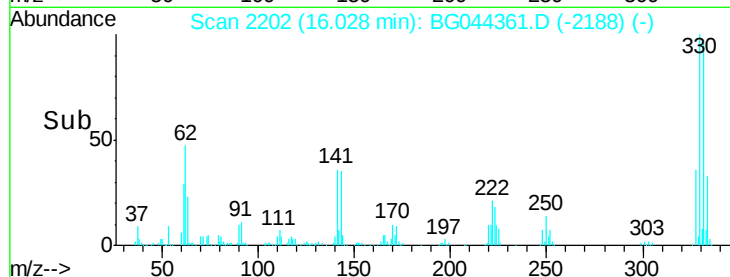
141 524.4 54.7 82.1#



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

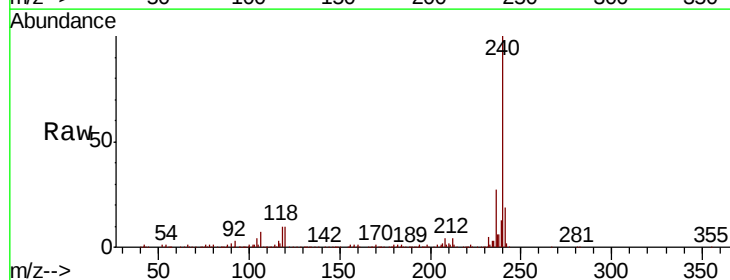
Tgt Ion:240 Resp: 480892

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

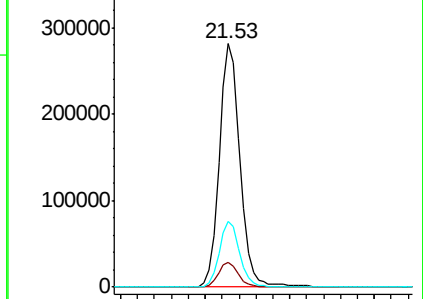
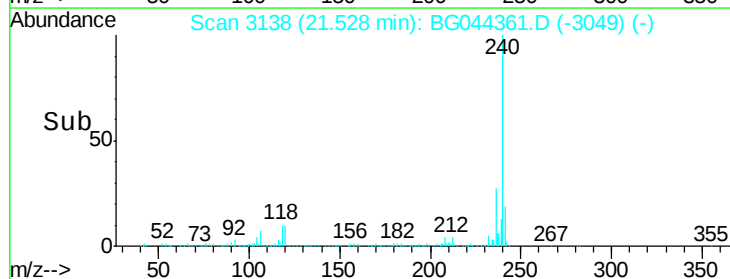
236 27.0 22.1 33.1

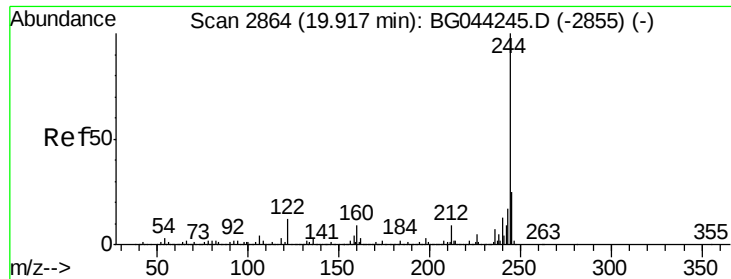


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.609 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

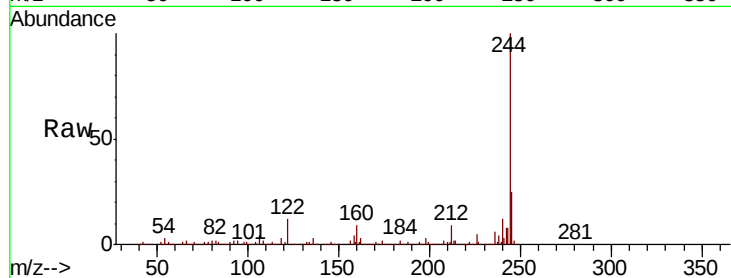
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1931386

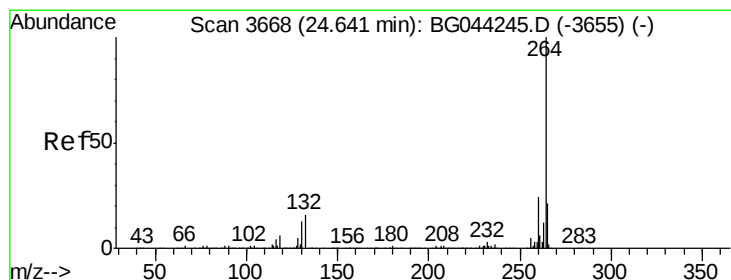
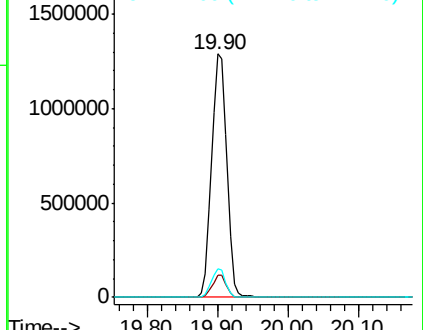
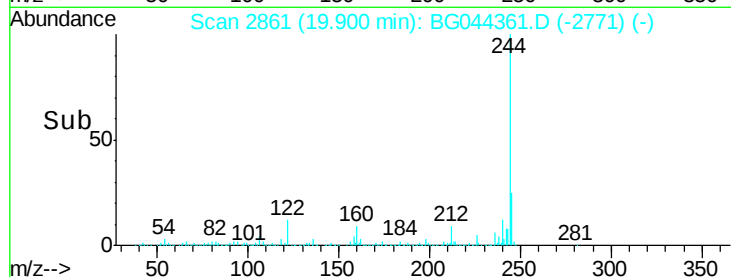
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.2
122	11.9	9.8	14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.61 min Scan# 3663

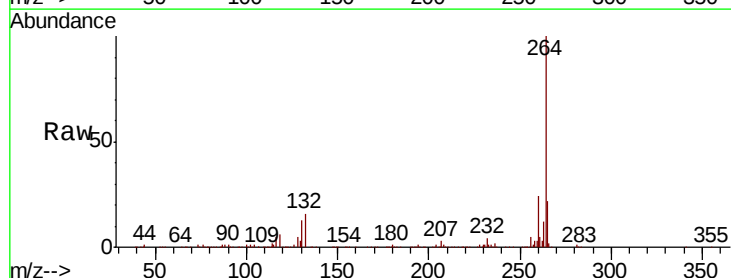
Delta R.T. -0.01 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

Tgt Ion:264 Resp: 486117

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.2	16.7	25.1



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

