

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044367.D
 Acq On : 10 Feb 2020 21:57
 Operator : CG/JU
 Sample : L1470-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 02:53:49 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

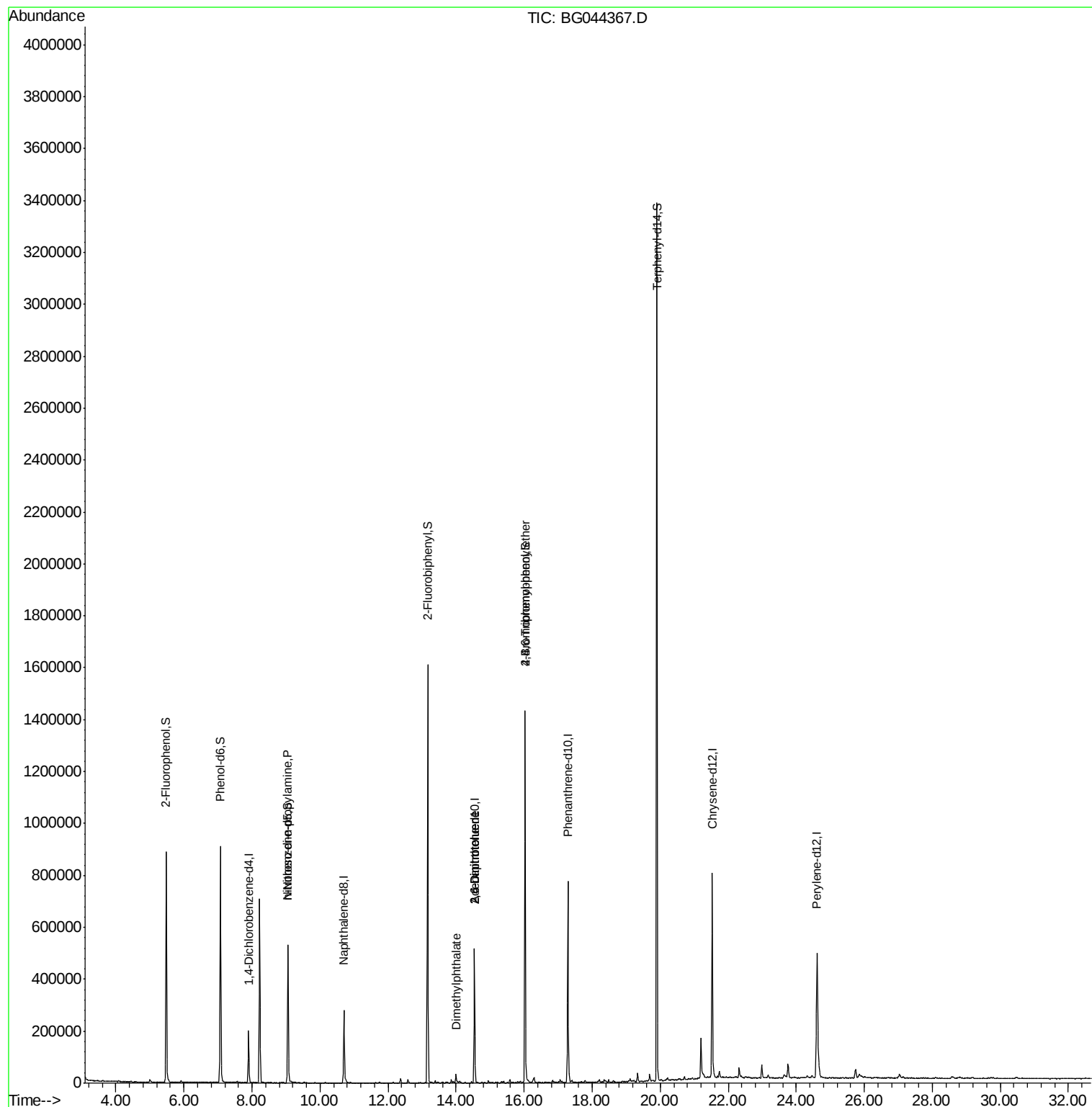
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	60365	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	266060	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	191254	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	482169	20.00	ng	0.00
76) Chrysene-d12	21.53	240	471017	20.00	ng	0.00
87) Perylene-d12	24.62	264	489932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	437241	127.83	ng	0.00
7) Phenol-d6	7.07	99	595619	129.68	ng	0.00
23) Nitrobenzene-d5	9.06	82	354324	75.19	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	282953	126.03	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	893764	78.25	ng	0.00
79) Terphenyl-d14	19.90	244	1629302	71.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	44655	14.588	ng	Qvalue
50) Dimethylphthalate	14.00	163	29818	2.169	ng	# 74
51) 2,6-Dinitrotoluene	14.54	165	24790	8.087	ng	# 29
57) 2,4-Dinitrotoluene	14.54	165	24790	5.770	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	19530	3.718	ng	# 1

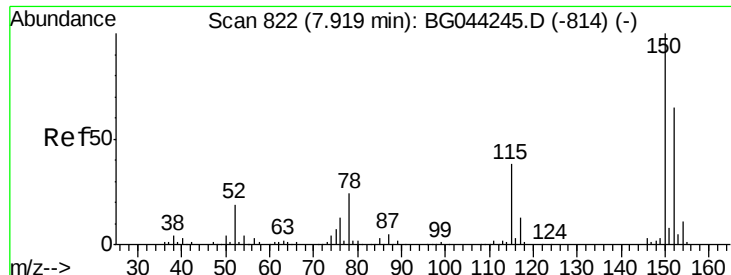
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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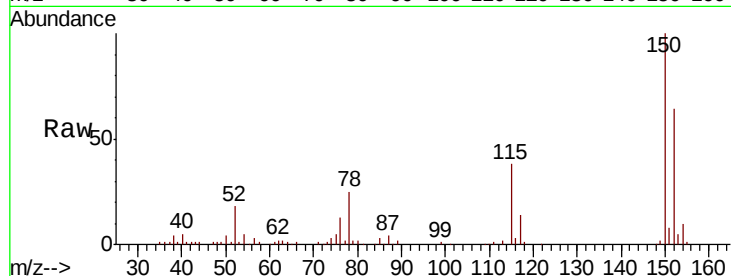


#1

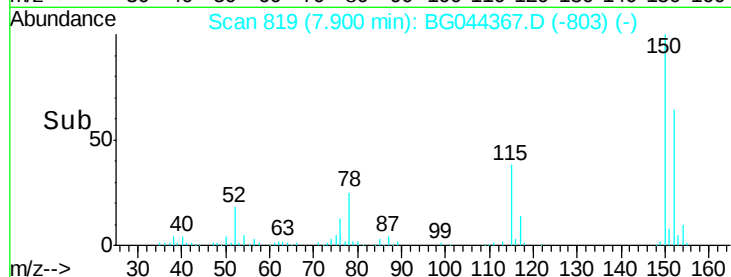
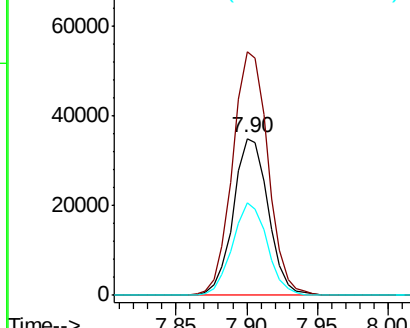
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044367.D
Acq: 10 Feb 2020 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.6	183.8
115	58.9	46.0	69.0



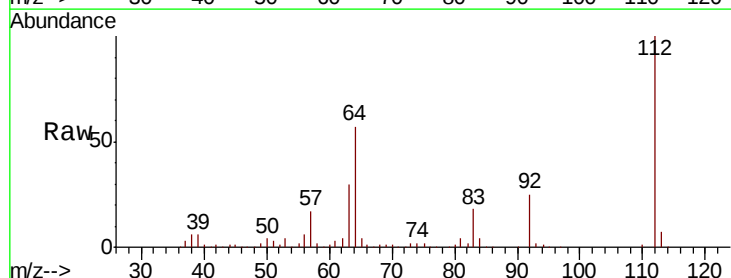
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



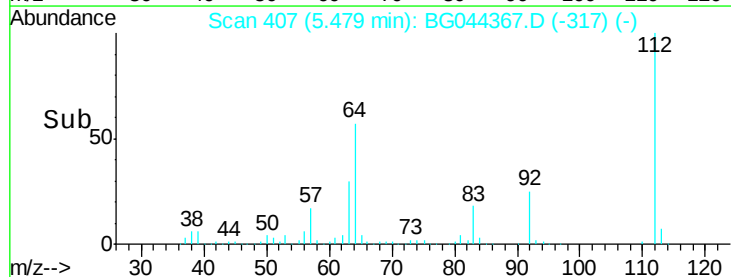
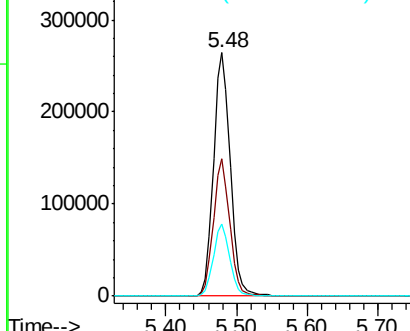
#5

2-Fluorophenol
Concen: 127.833 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044367.D
Acq: 10 Feb 2020 21:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.4	68.2
63	29.6	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: 129.677 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044367.D

Acq: 10 Feb 2020 21:57

Instrument :

BNA_G

ClientSampled :

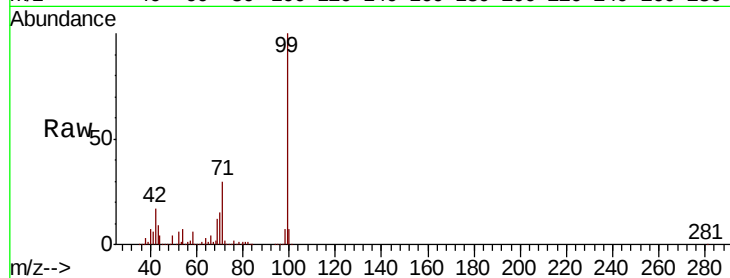
Tot Ion: 99 Resp: 595619

Ion Ratio Lower Upper

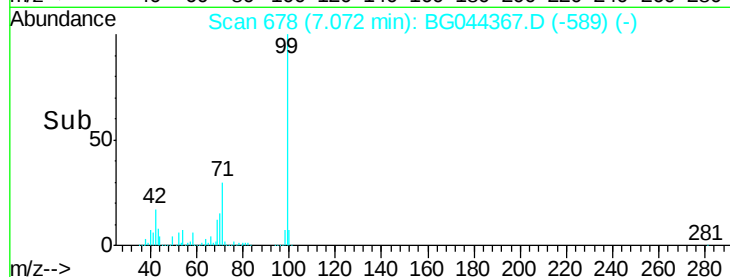
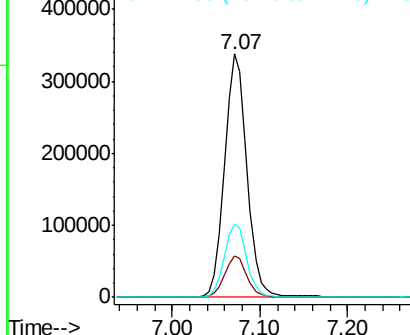
99 100

42 16.8 13.8 20.6

71 30.3 25.5 38.3



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: 14.588 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044367.D

Acq: 10 Feb 2020 21:57

Tgt Ion: 70 Resp: 44655

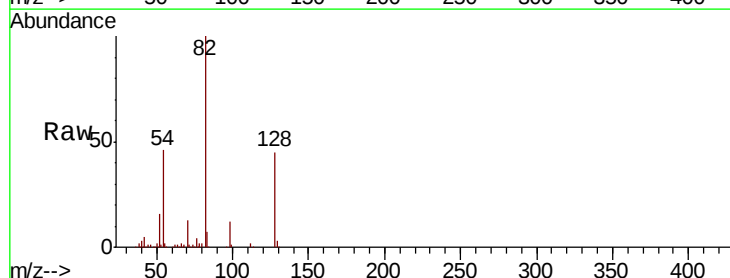
Ion Ratio Lower Upper

70 100

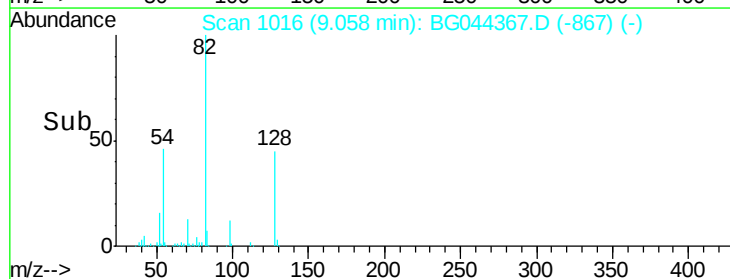
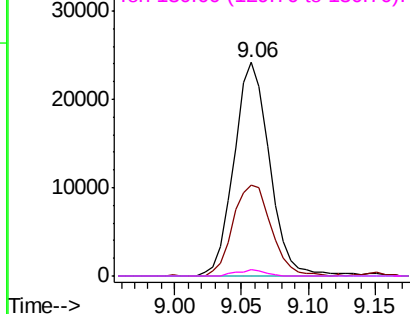
42 42.4 46.2 69.2#

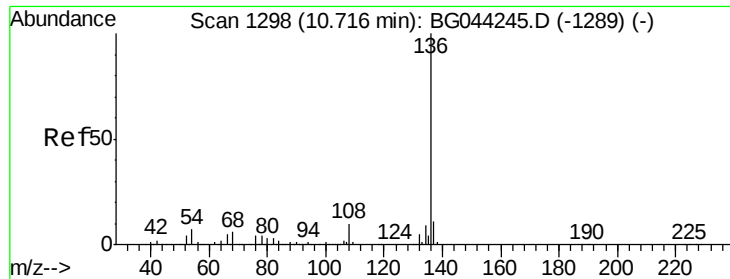
101 0.0 8.4 12.6#

130 2.8 17.8 26.8#



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

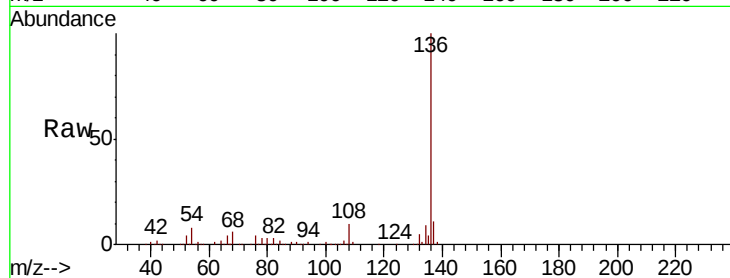




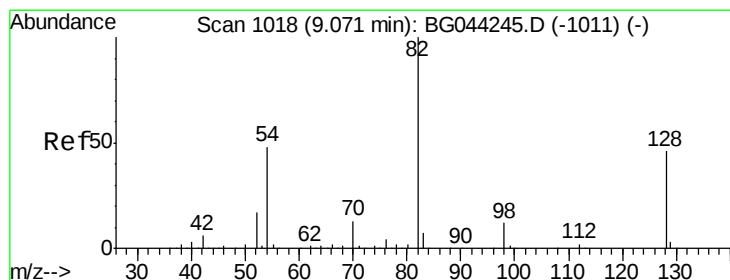
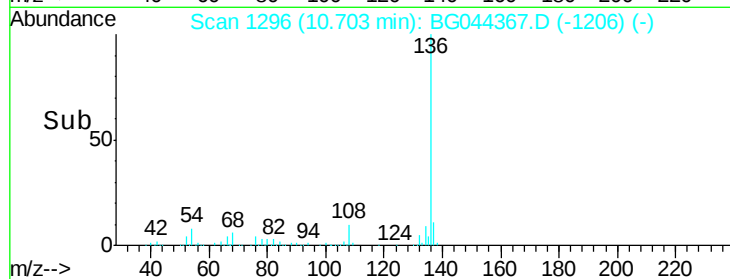
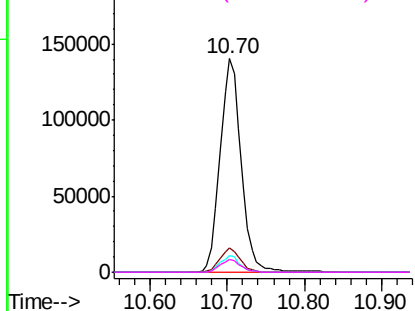
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044367.D
Acq: 10 Feb 2020 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 266060
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 7.8	5.8 8.8
68 6.0	4.6 6.8

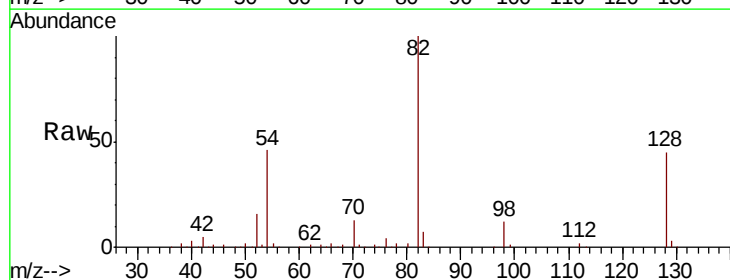


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

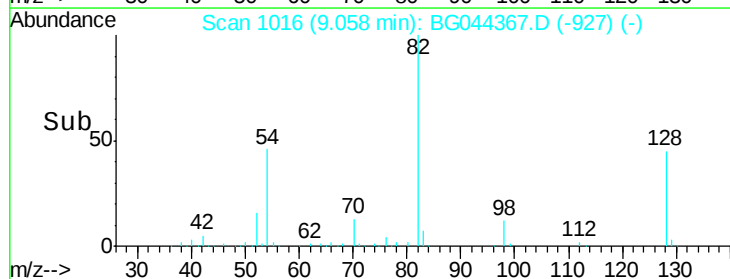
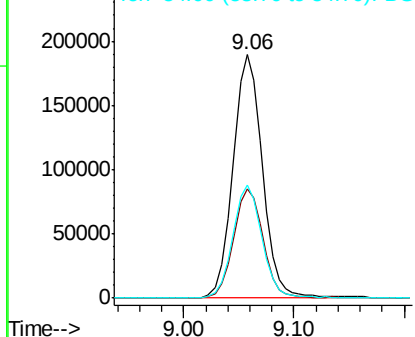


#23
Nitrobenzene-d5
Concen: 75.185 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044367.D
Acq: 10 Feb 2020 21:57

Tgt Ion: 82	Resp: 354324
Ion Ratio	Lower Upper
82 100	
128 44.8	36.5 54.7
54 46.4	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. -0.01 min

Lab File: BG044367.D

Acq: 10 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

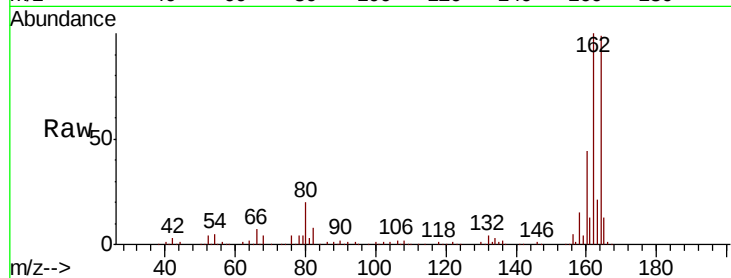
Tot Ion:164 Resp: 191254

Ion Ratio Lower Upper

164 100

162 100.8 80.7 121.1

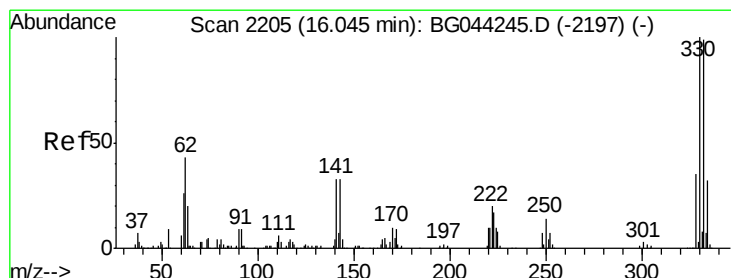
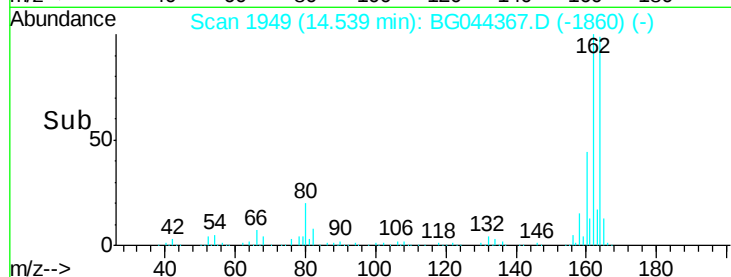
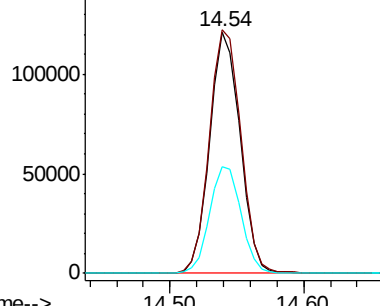
160 44.3 35.3 52.9



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: 126.025 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044367.D

Acq: 10 Feb 2020 21:57

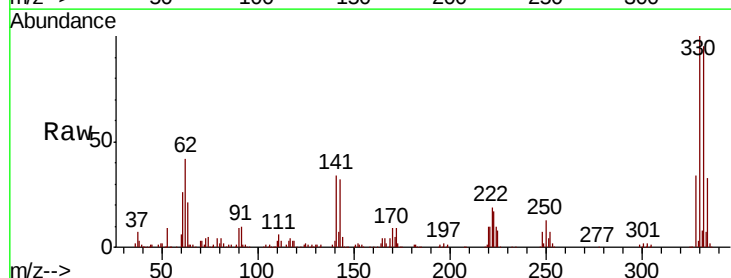
Tgt Ion:330 Resp: 282953

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

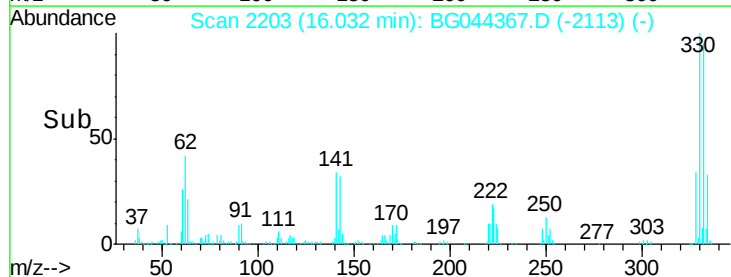
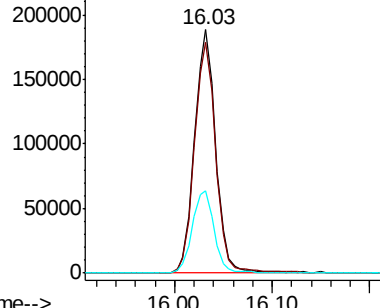
141 35.4 28.3 42.5



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

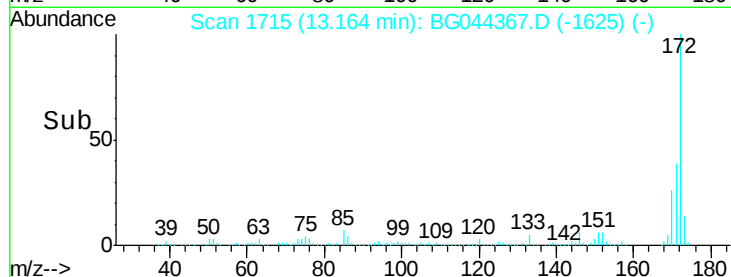
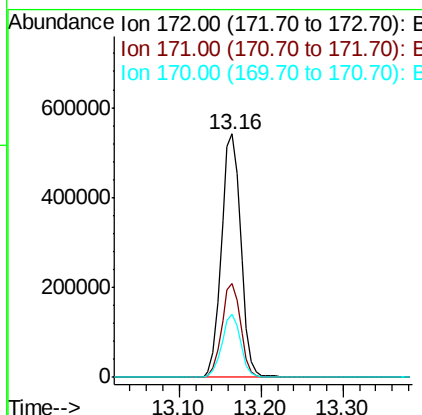
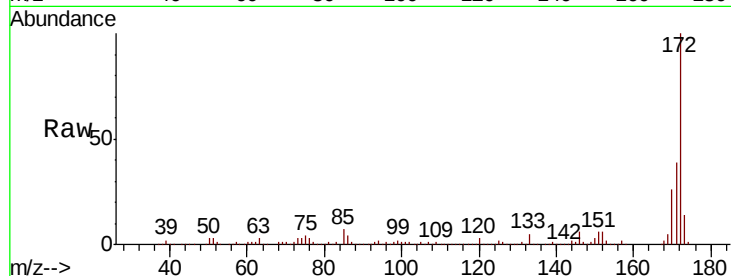




#45
 2-Fluorobiphenyl
 Concen: 78.255 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044367.D
 Acq: 10 Feb 2020 21:57

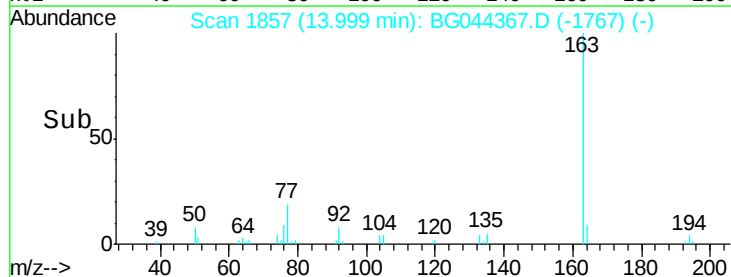
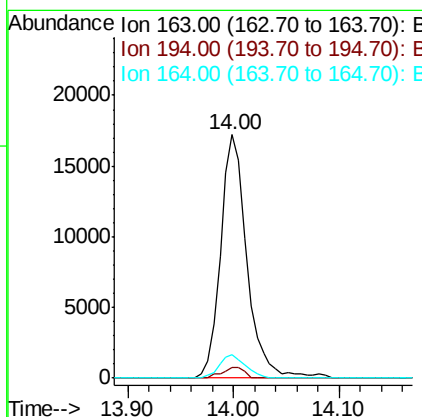
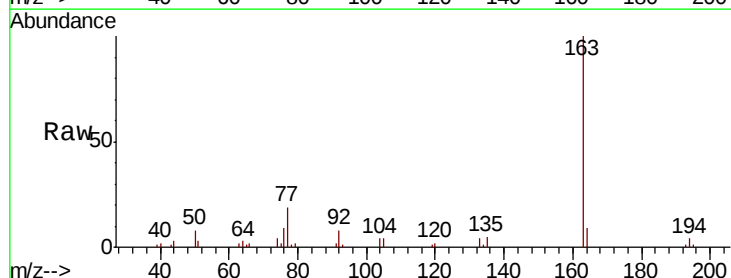
Instrument :
 BNA_G
 ClientSampleId :

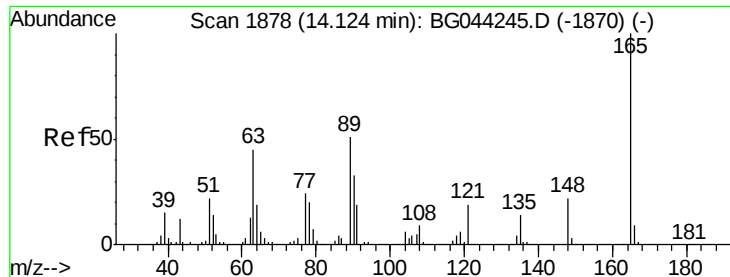
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.9	49.3
170	25.9	22.0	33.0



#50
 Dimethylphthalate
 Concen: 2.169 ng
 RT: 14.00 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BG044367.D
 Acq: 10 Feb 2020 21:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.5	8.7	13.1

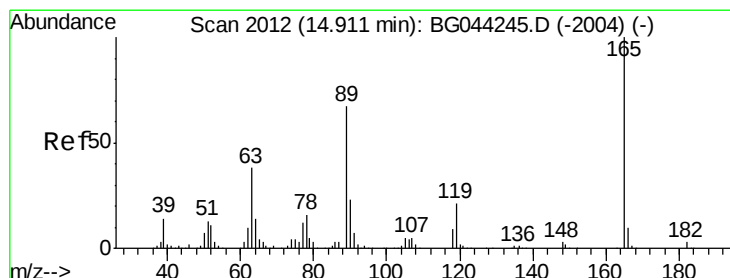
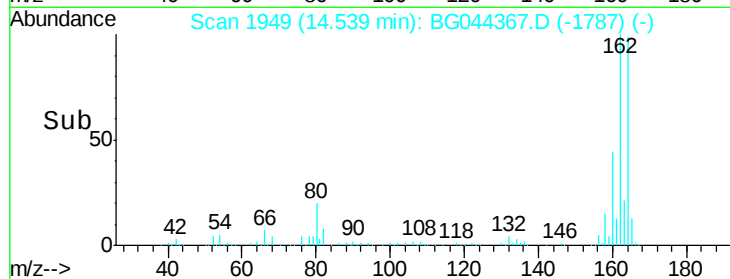
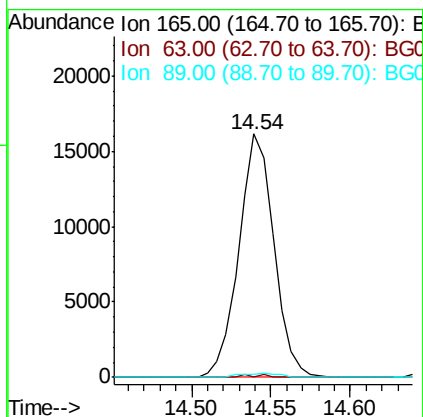
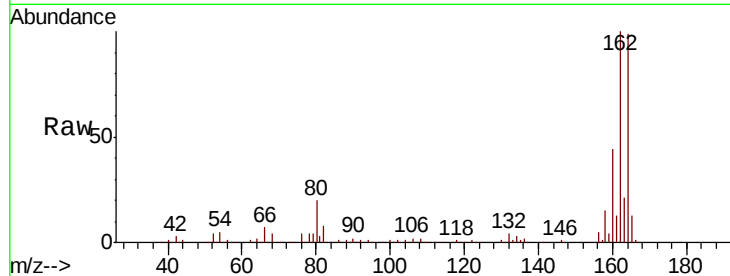




#51
 2,6-Dinitrotoluene
 Concen: 8.087 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG044367.D
 Acq: 10 Feb 2020 21:57

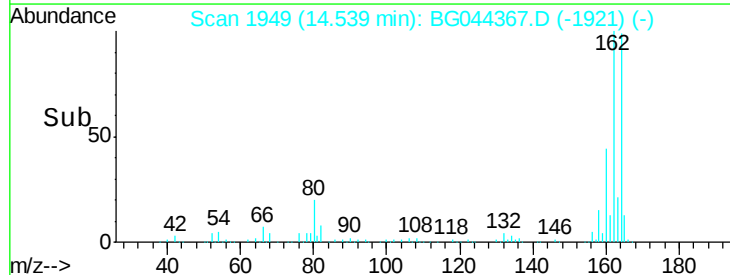
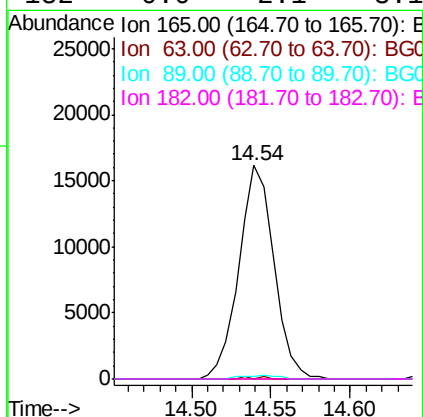
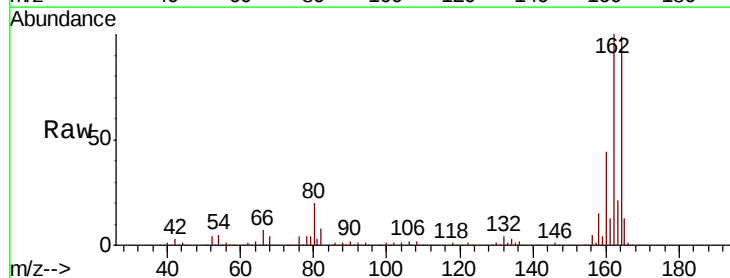
Instrument :
 BNA_G
 ClientSampleId :

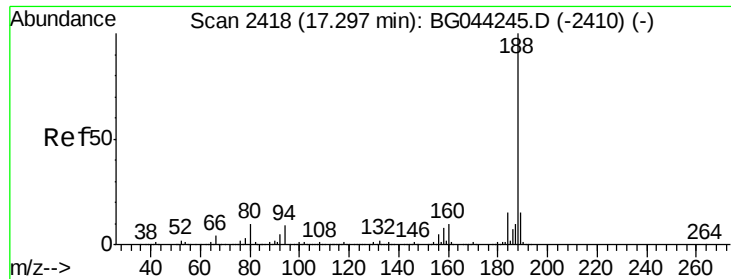
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.2	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.770 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG044367.D
 Acq: 10 Feb 2020 21:57

Tgt 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#

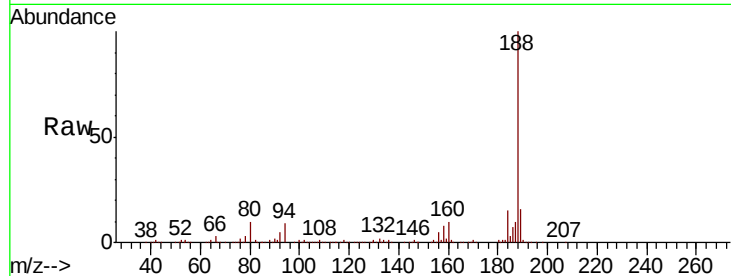




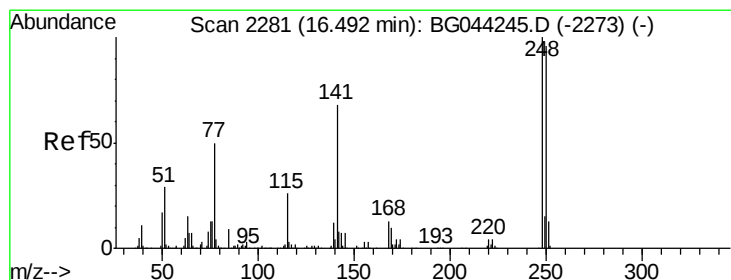
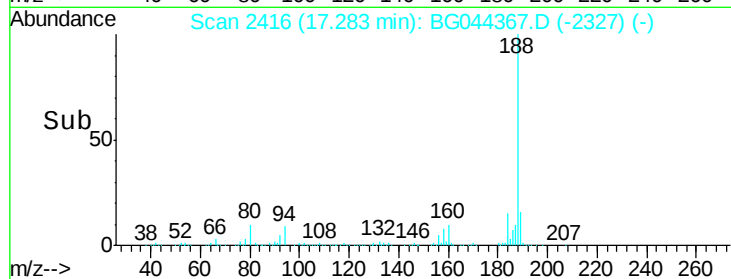
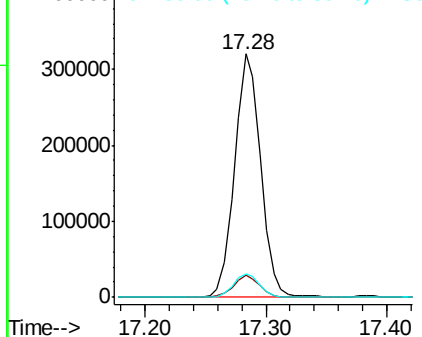
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BG044367.D
Acq: 10 Feb 2020 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 482169
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.6 7.7 11.5

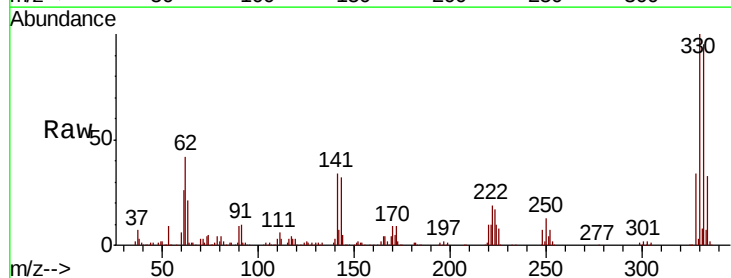


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

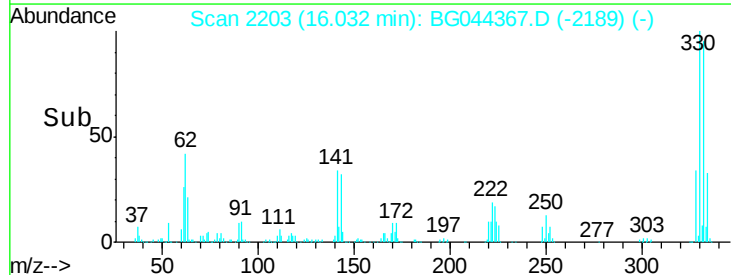
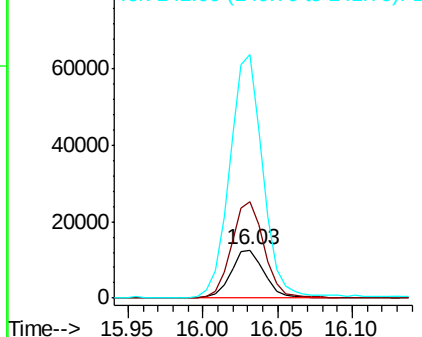


#67
4-Bromophenyl-phenylether
Concen: 3.718 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.45 min
Lab File: BG044367.D
Acq: 10 Feb 2020 21:57

Tgt Ion:248 Resp: 19530
Ion Ratio Lower Upper
248 100
250 201.5 76.6 114.8#
141 506.4 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

Chrvsene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044367.D

Acq: 10 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

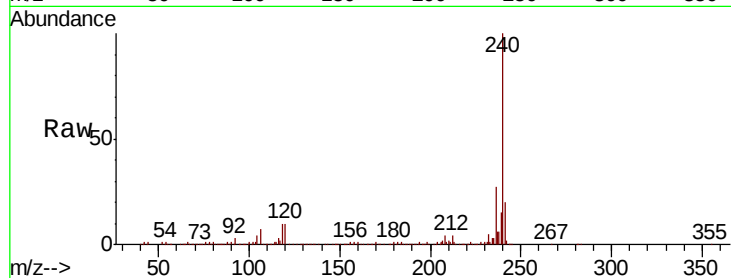
Tot Ion:240 Resp: 471017

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

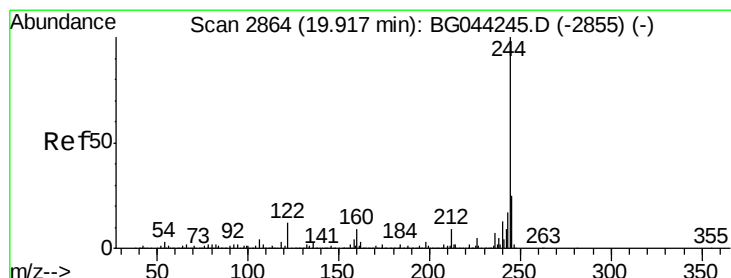
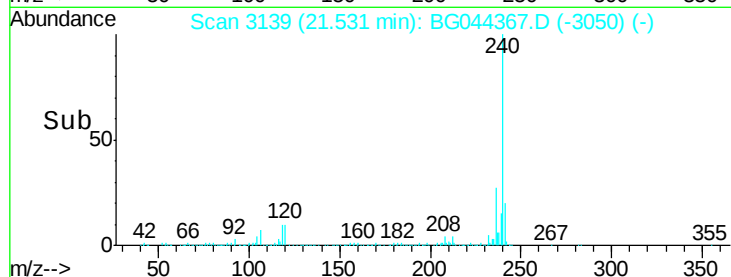
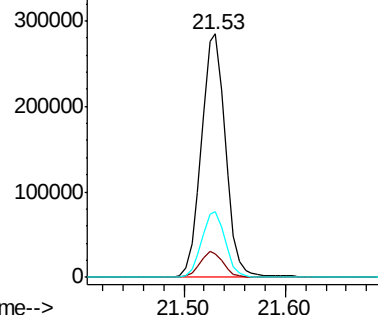
236 27.1 22.1 33.1



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: 71.150 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044367.D

Acq: 10 Feb 2020 21:57

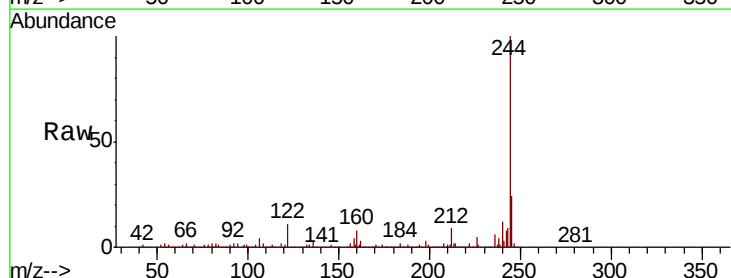
Tgt Ion:244 Resp: 1629302

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

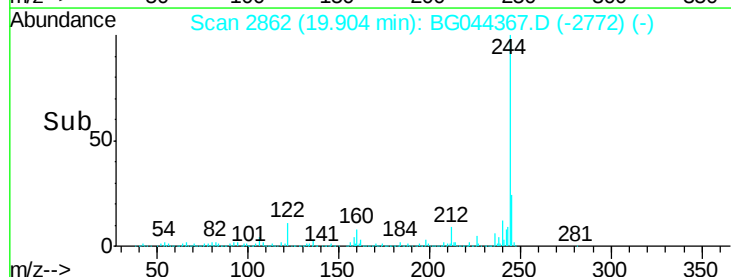
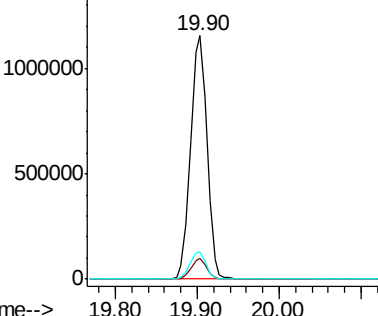
122 11.4 9.8 14.6

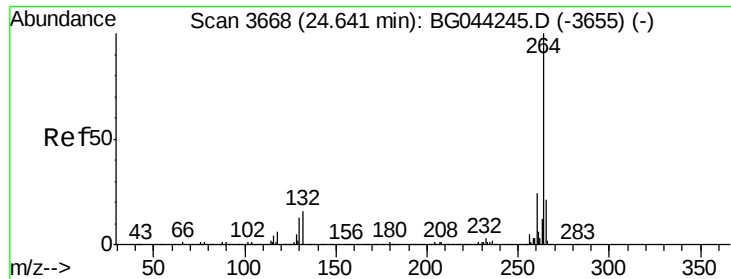


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

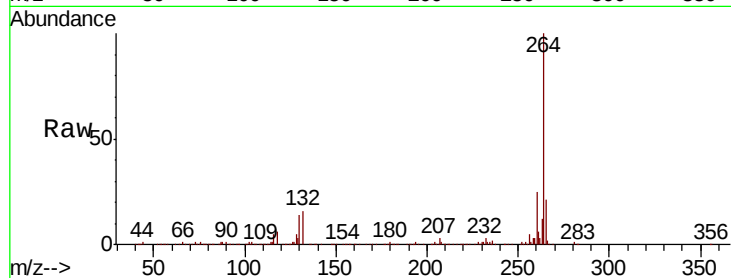




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044367.D
Acq: 10 Feb 2020 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.3	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

