

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044305.D
 Acq On : 5 Feb 2020 15:28
 Operator : CG/JU
 Sample : L1377-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:10:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

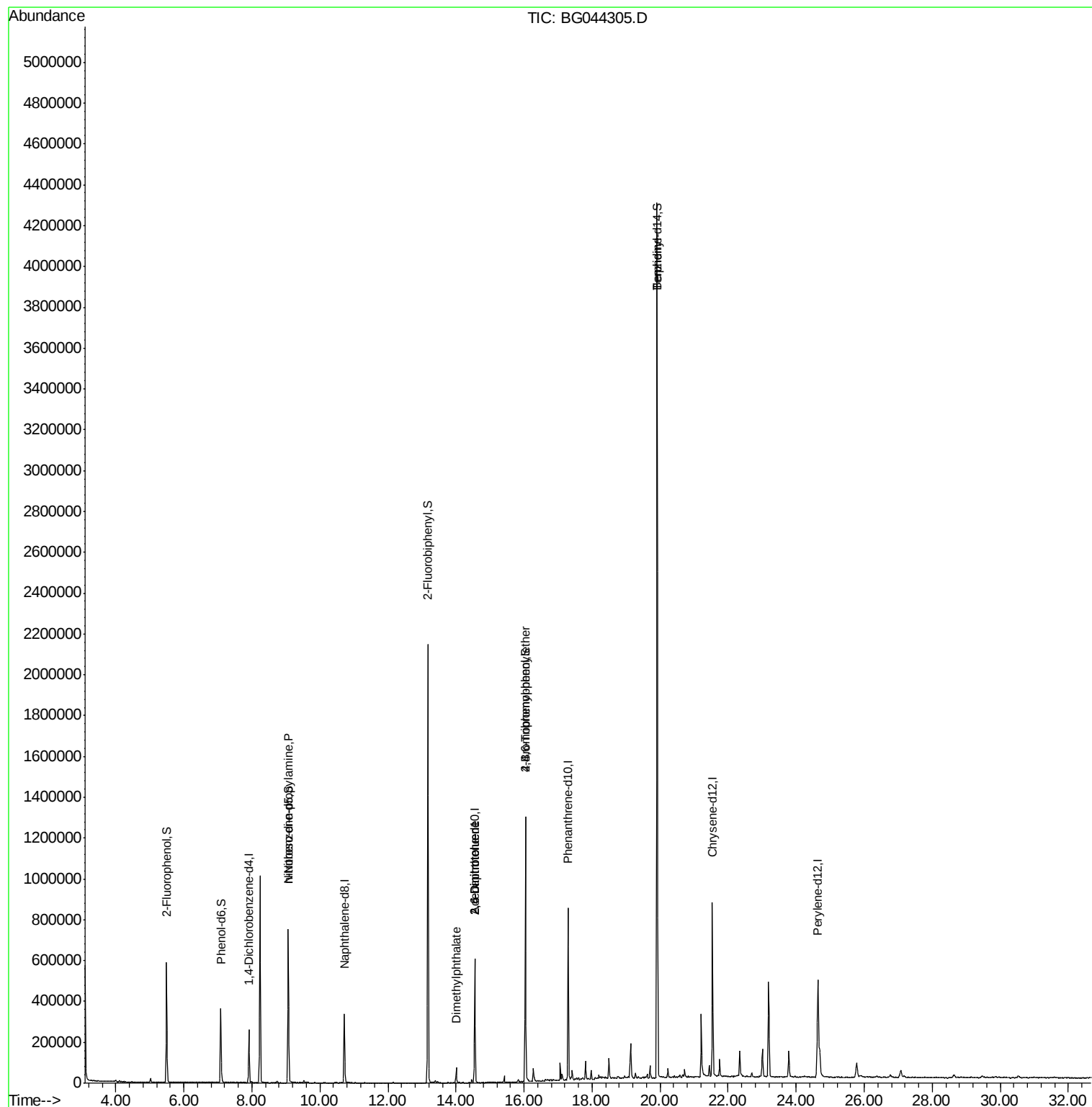
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	78165	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	318930	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	222397	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	534823	20.00	ng	0.00
76) Chrysene-d12	21.54	240	490478	20.00	ng	0.00
87) Perylene-d12	24.64	264	545038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	296094	66.85	ng	0.00
7) Phenol-d6	7.09	99	245283	41.24	ng	0.00
23) Nitrobenzene-d5	9.07	82	510469	90.36	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	257435	98.60	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1166126	87.80	ng	0.00
79) Terphenyl-d14	19.91	244	2052250	86.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	64318	16.227	ng	Qvalue # 79
50) Dimethylphthalate	14.01	163	60741	3.800	ng	# 98
51) 2,6-Dinitrotoluene	14.55	165	29360	8.237	ng	# 30
57) 2,4-Dinitrotoluene	14.55	165	29360	5.877	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	17677	3.034	ng	# 1
77) Benzidine	19.91	184	35800	2.631	ng	# 91

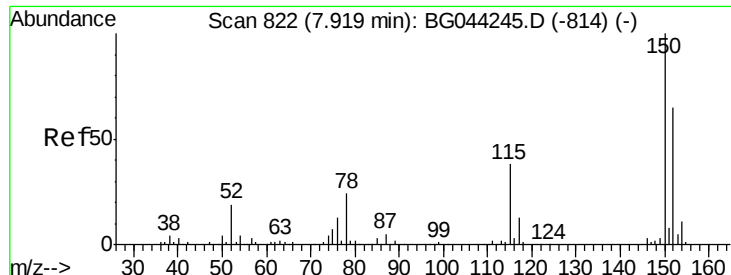
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044305.D
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Operator : CG/JU
Sample : L1377-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 06 01:10:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration



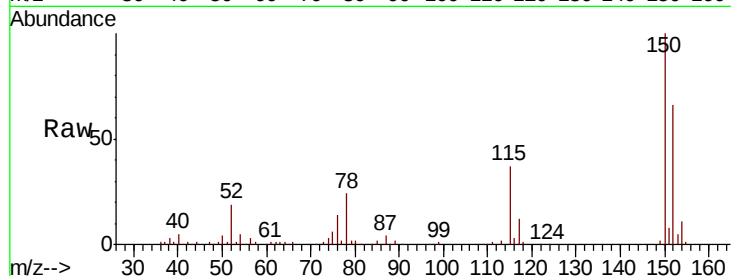


#1

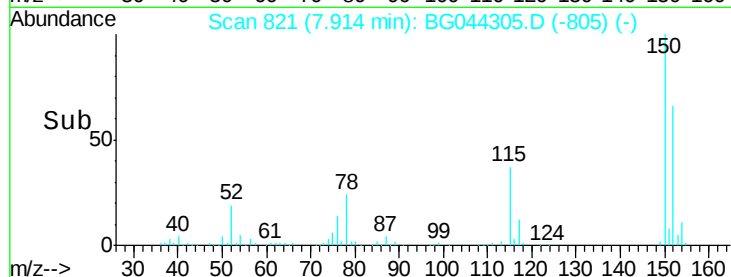
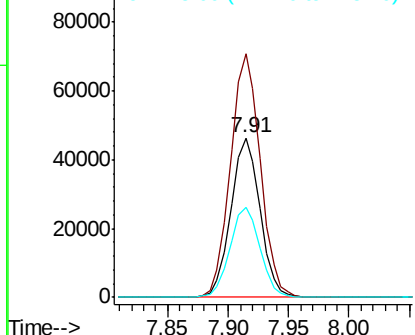
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044305.D
Acq: 5 Feb 2020 15:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 78165
Ion Ratio Lower Upper
152 100
150 152.4 122.6 183.8
115 56.4 46.0 69.0



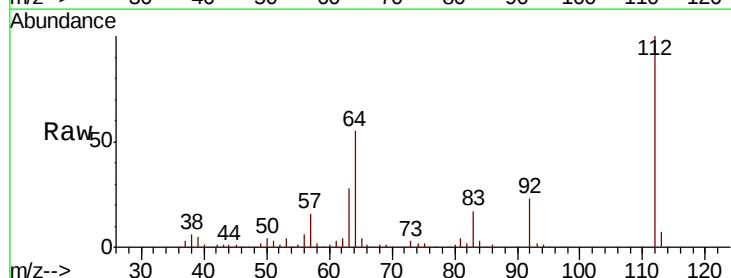
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



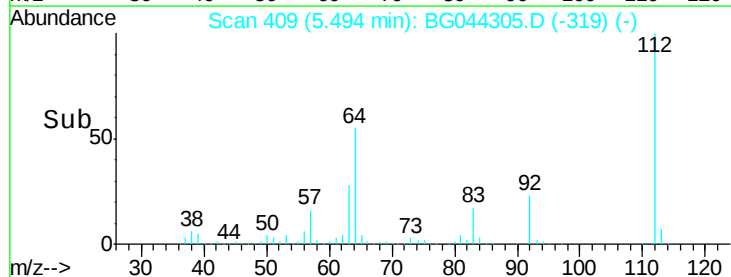
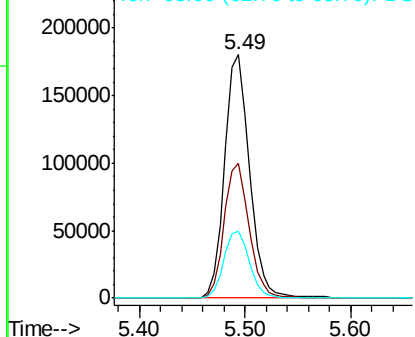
#5

2-Fluorophenol
Concen: 66.853 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044305.D
Acq: 5 Feb 2020 15:28

Tgt Ion:112 Resp: 296094
Ion Ratio Lower Upper
112 100
64 55.2 45.4 68.2
63 27.6 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: 41.241 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Instrument :

BNA_G

ClientSampleId :

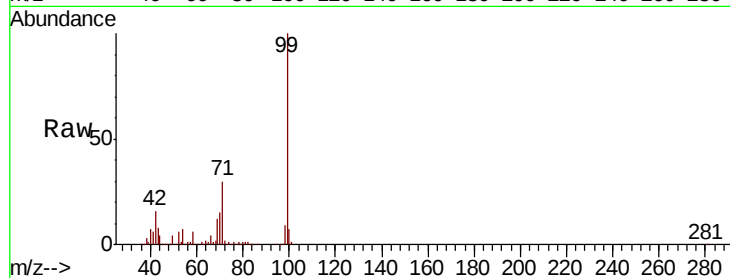
Tot Ion: 99 Resp: 245283

Ion Ratio Lower Upper

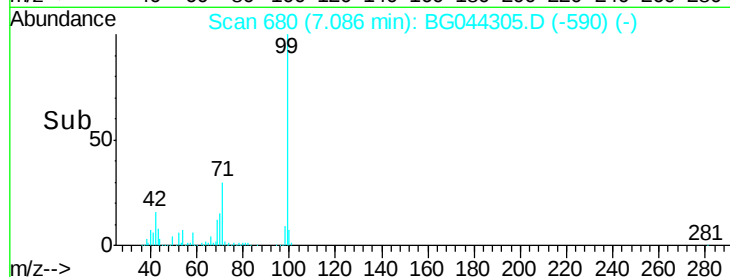
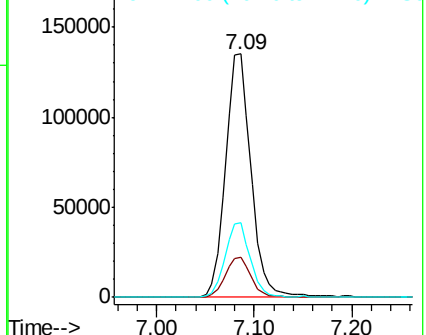
99 100

42 16.4 13.8 20.6

71 30.5 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: 16.227 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Tgt Ion: 70 Resp: 64318

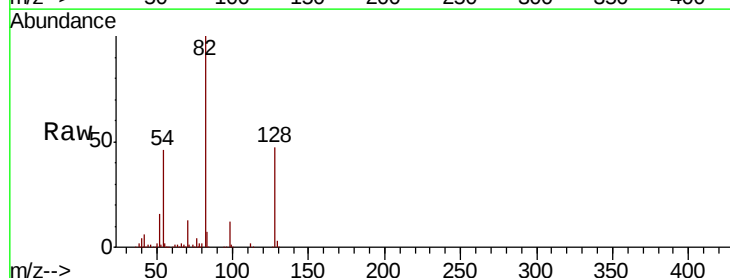
Ion Ratio Lower Upper

70 100

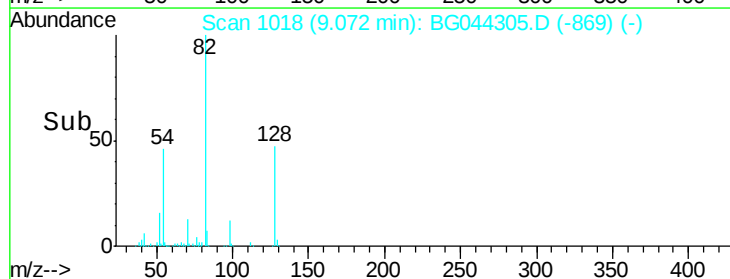
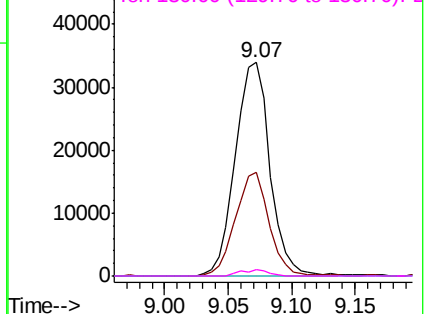
42 48.5 46.2 69.2

101 0.0 8.4 12.6#

130 3.0 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: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 318930

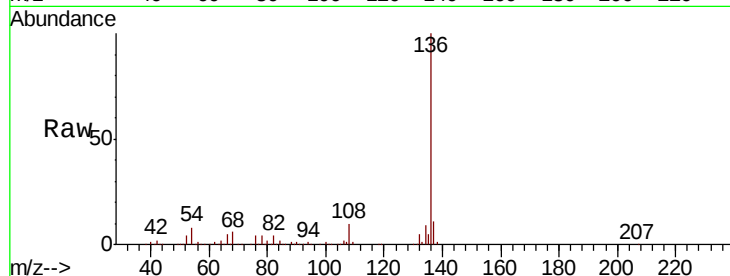
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.6 5.8 8.8

68 6.0 4.6 6.8

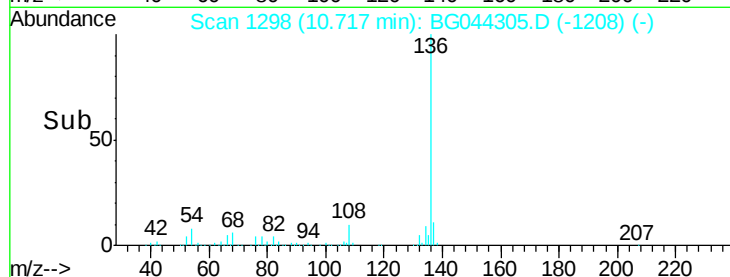


Abundance Ion 136.00 (135.70 to 136.70): E

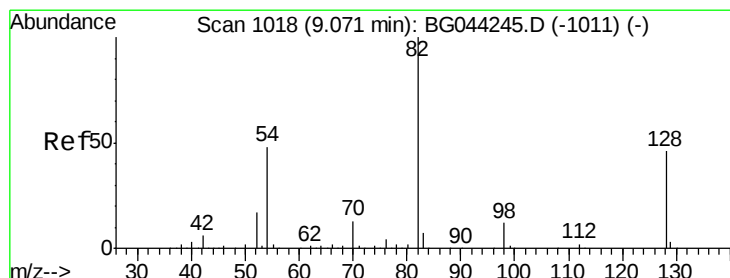
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 90.362 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

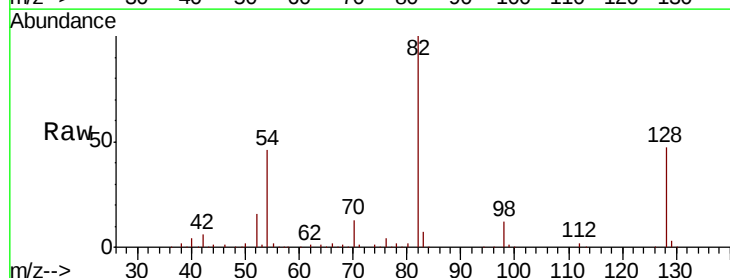
Tgt Ion: 82 Resp: 510469

Ion Ratio Lower Upper

82 100

128 47.4 36.5 54.7

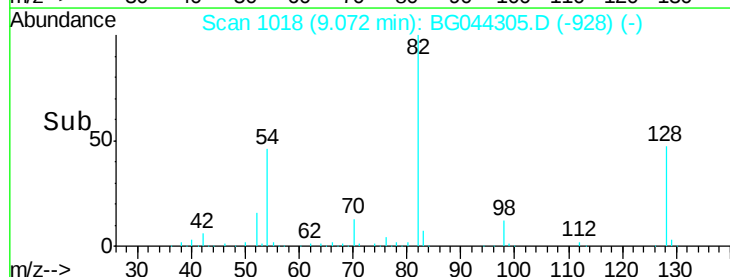
54 46.3 38.6 58.0



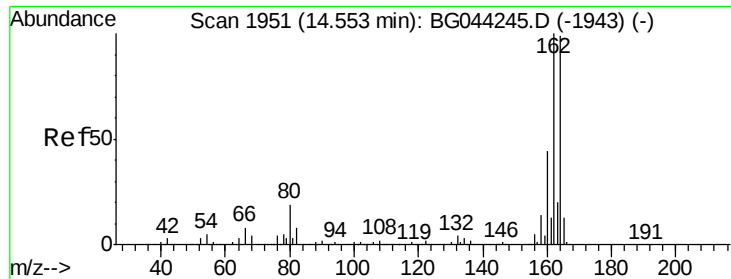
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Instrument :

BNA_G

ClientSampleId :

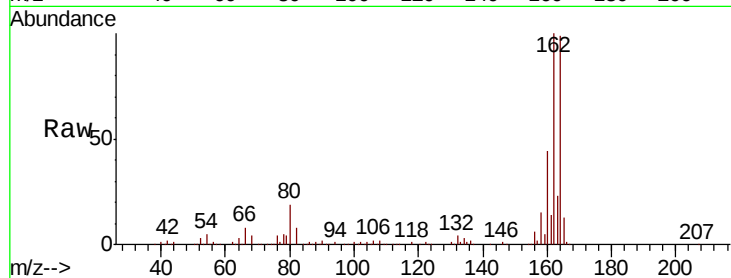
Tot Ion:164 Resp: 222397

Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

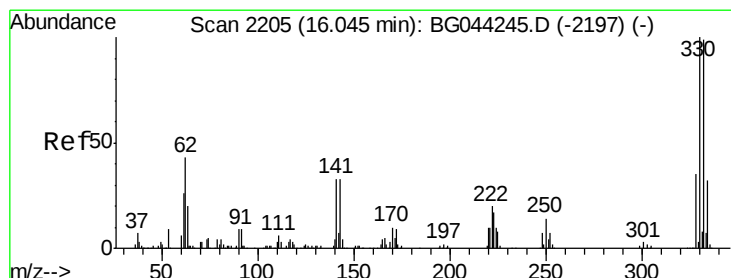
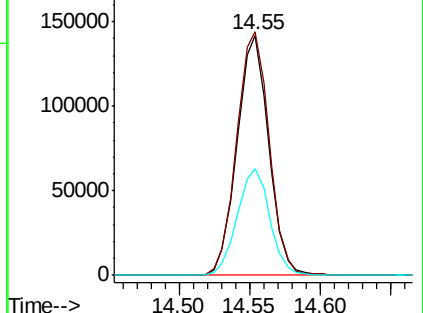
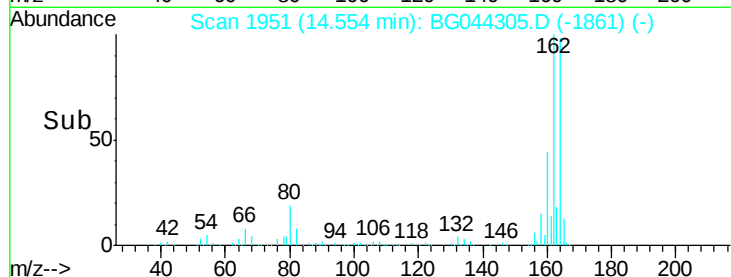
160 44.3 35.3 52.9



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: 98.603 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

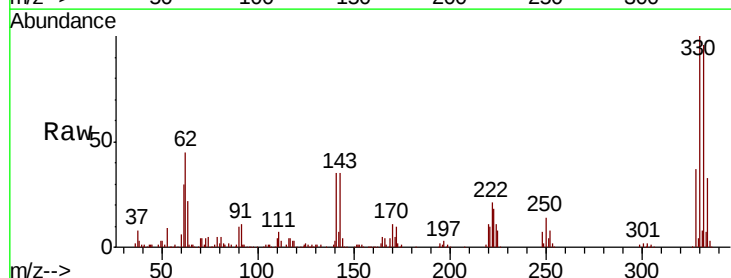
Tgt Ion:330 Resp: 257435

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

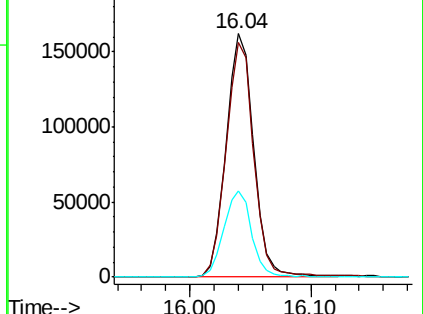
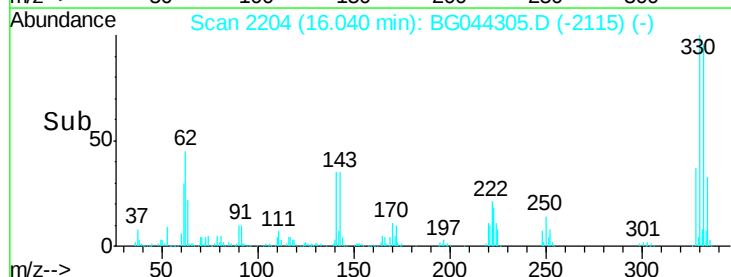
141 35.8 28.3 42.5



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

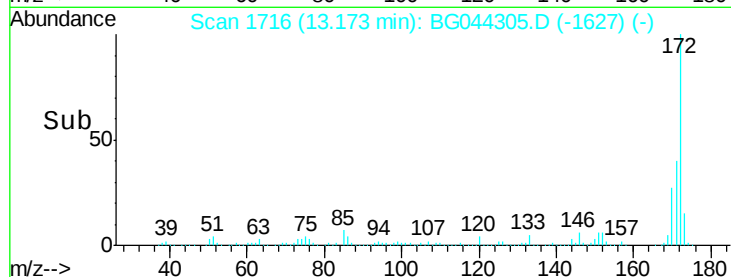
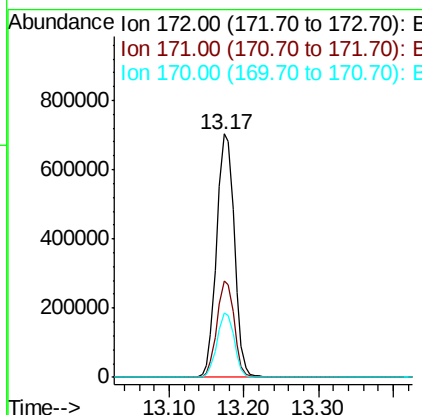
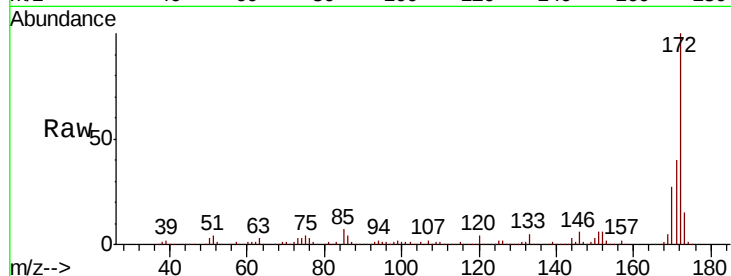




#45
2-Fluorobiphenyl
Concen: 87.804 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044305.D
Acq: 5 Feb 2020 15:28

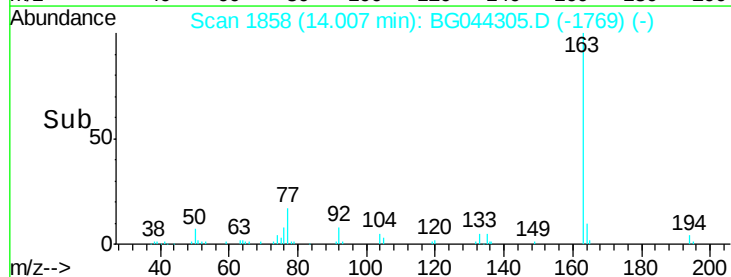
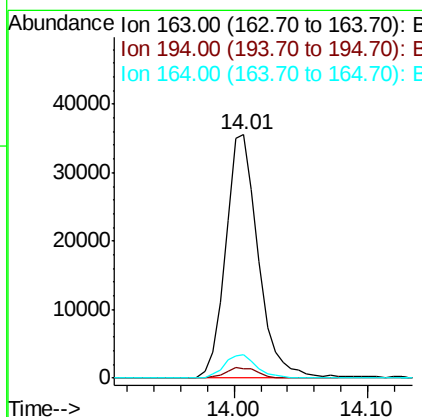
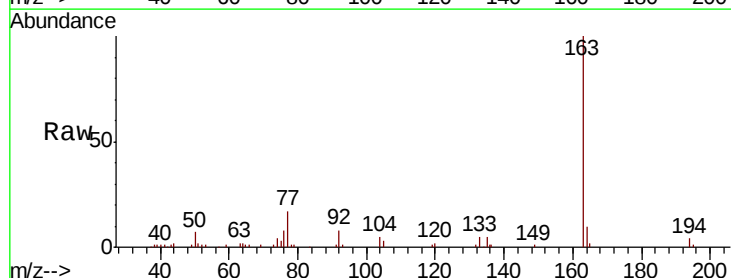
Instrument :
BNA_G
ClientSampleId :

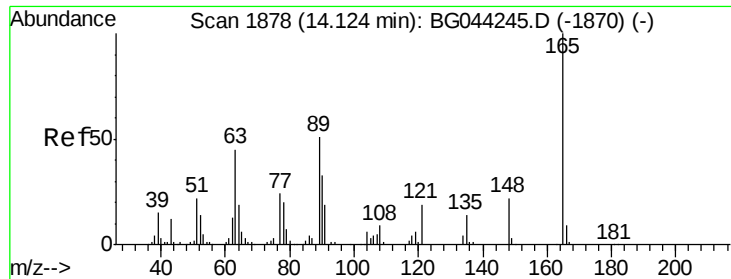
Tot Ion:172 Resp: 1166126
Ion Ratio Lower Upper
172 100
171 39.8 32.9 49.3
170 26.5 22.0 33.0



#50
Dimethylphthalate
Concen: 3.800 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044305.D
Acq: 5 Feb 2020 15:28

Tgt Ion:163 Resp: 60741
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 9.9 8.7 13.1

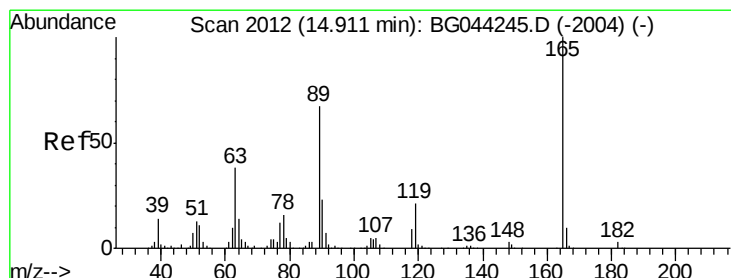
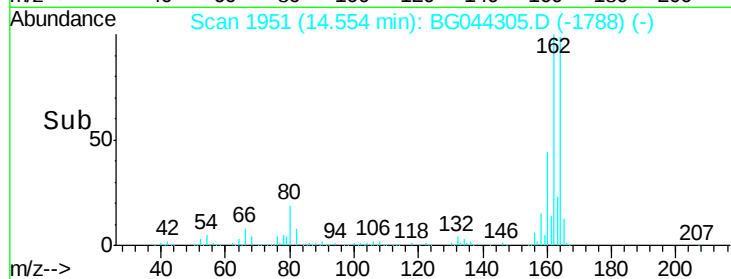
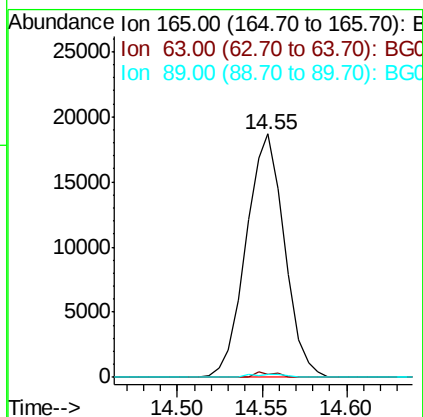
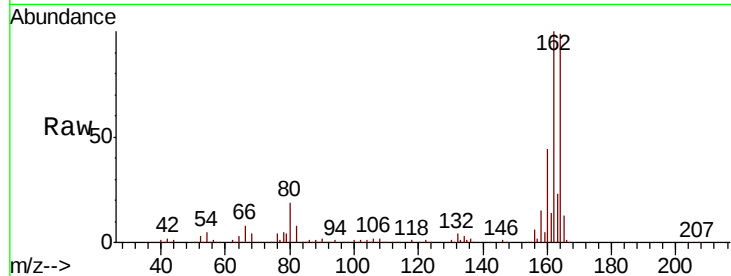




#51
 2,6-Dinitrotoluene
 Concen: 8.237 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG044305.D
 Acq: 5 Feb 2020 15:28

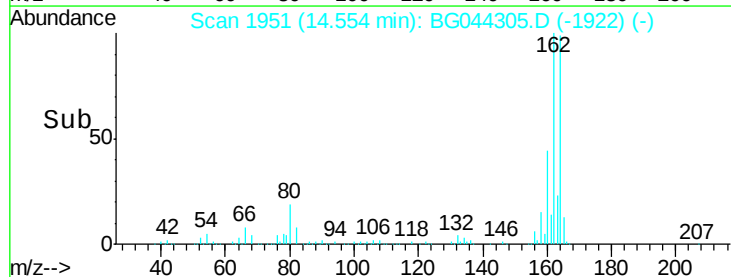
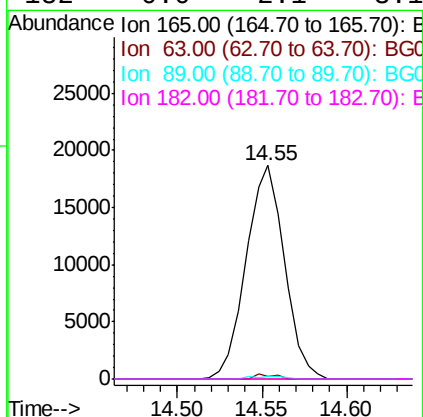
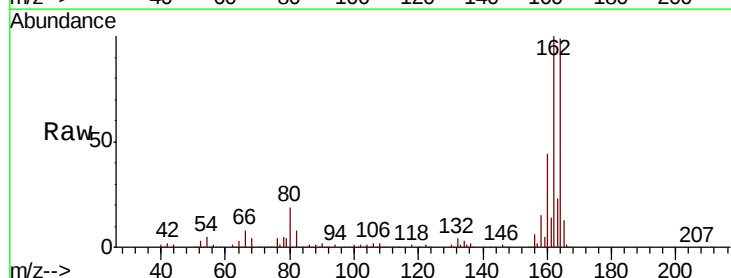
Instrument :
 BNA_G
 ClientSampleId :

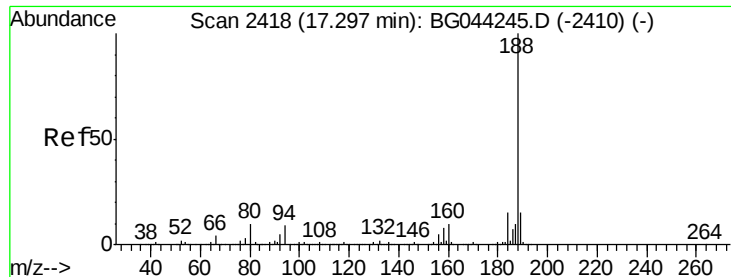
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.7	58.1#
89	1.4	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044305.D
 Acq: 5 Feb 2020 15:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	30.3	45.5#
89	1.4	53.4	80.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Instrument :

BNA_G

ClientSampleId :

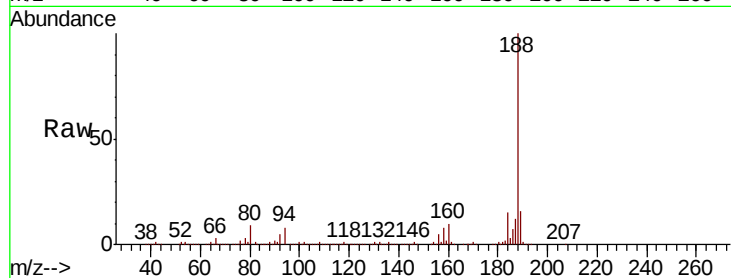
Tot Ion:188 Resp: 534823

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

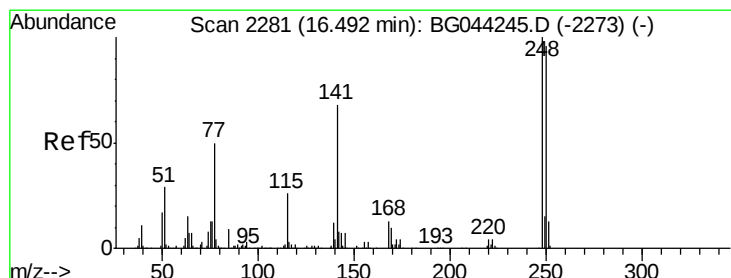
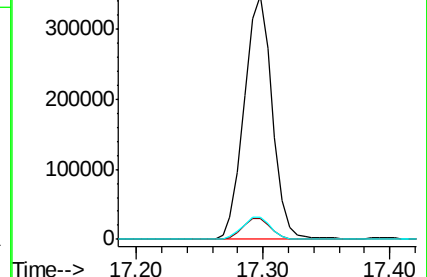
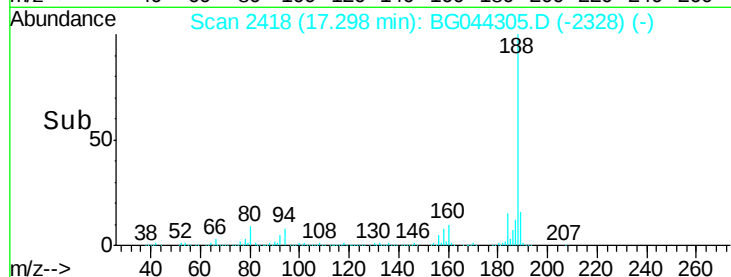
80 9.3 7.7 11.5



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: 3.034 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.45 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

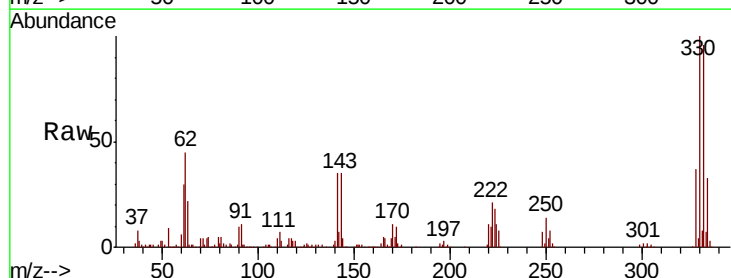
Tgt Ion:248 Resp: 17677

Ion Ratio Lower Upper

248 100

250 190.3 76.6 114.8#

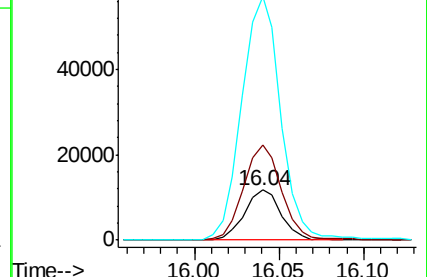
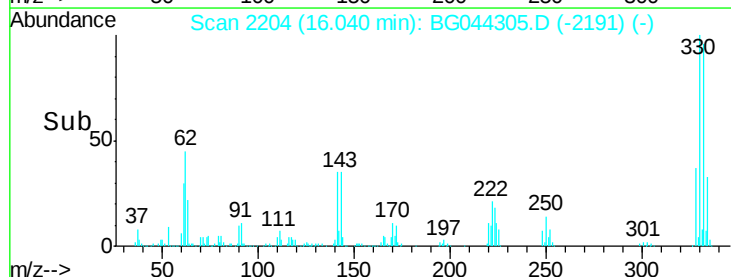
141 486.2 54.7 82.1#



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: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Instrument :

BNA_G

ClientSampleId :

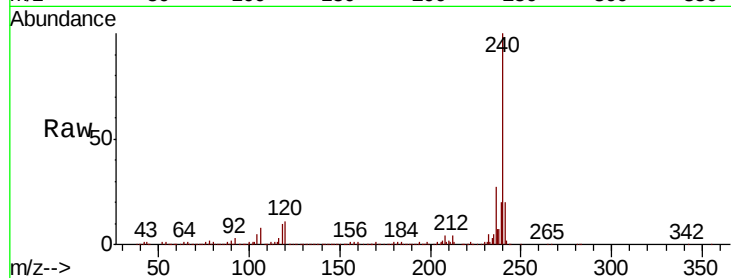
Tot Ion:240 Resp: 490478

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

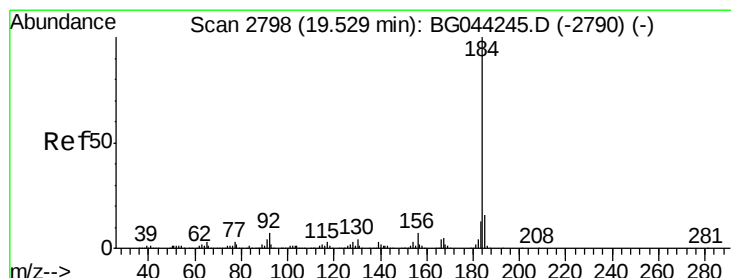
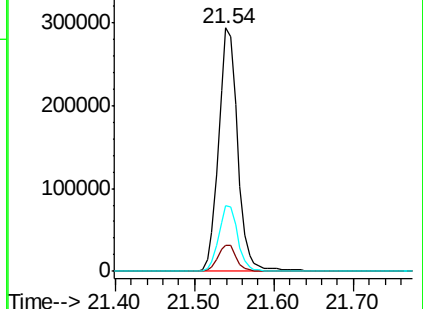
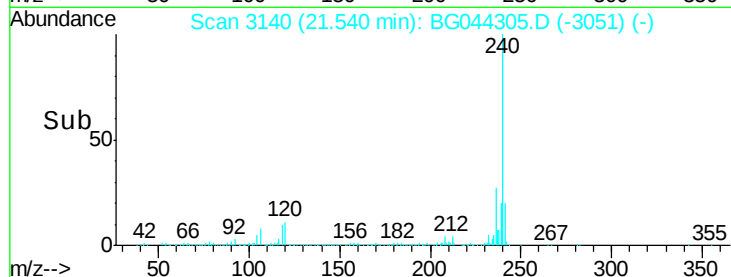
236 27.1 22.1 33.1



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



#77

Benzidine

Concen: 2.631 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.38 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

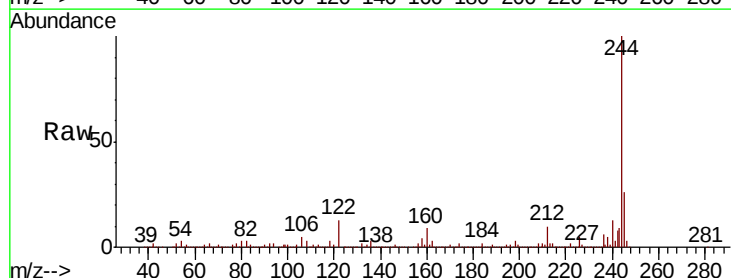
Tgt Ion:184 Resp: 35800

Ion Ratio Lower Upper

184 100

185 16.0 12.9 19.3

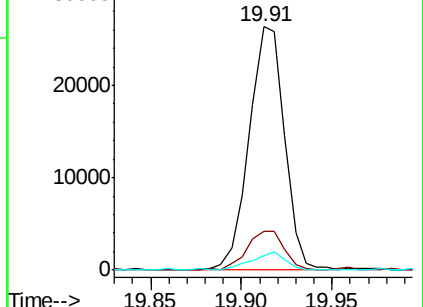
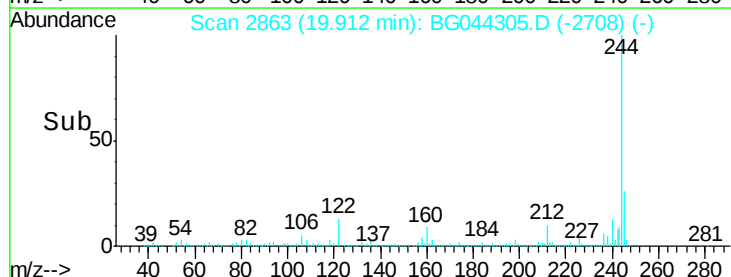
183 6.1 10.8 16.2#

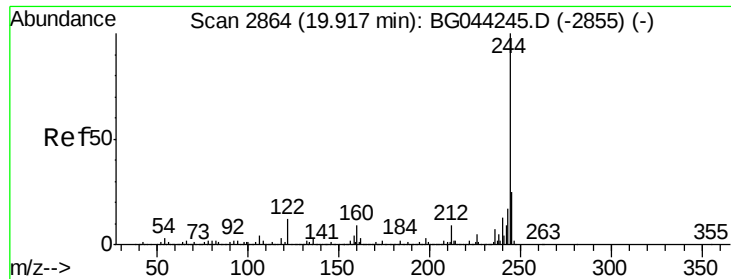


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 86.063 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

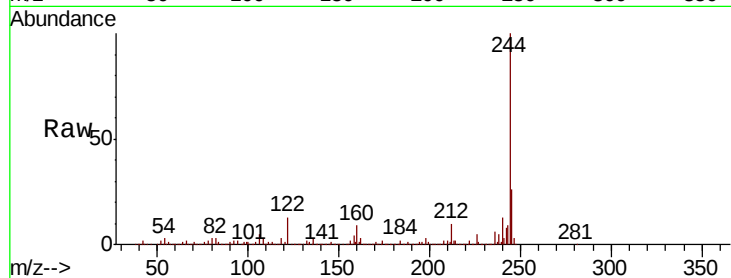
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2052250

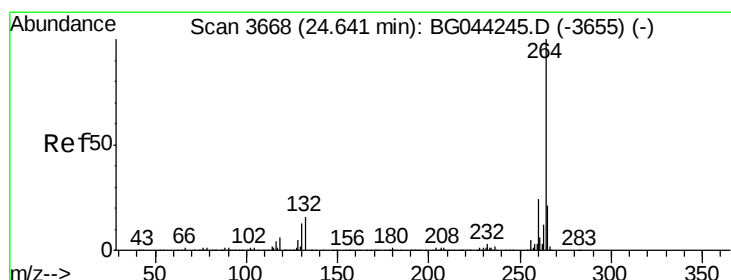
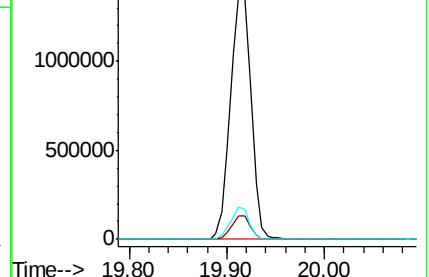
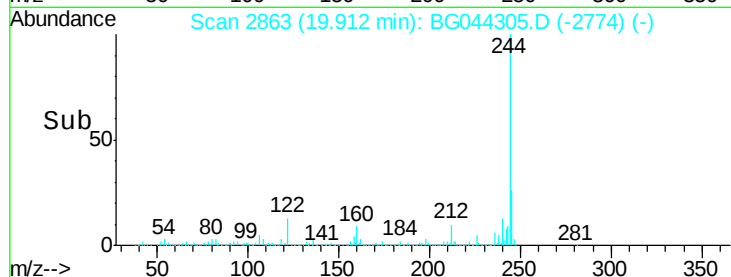
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.4	11.2
122	13.2	9.8	14.6



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: 24.64 min Scan# 3667

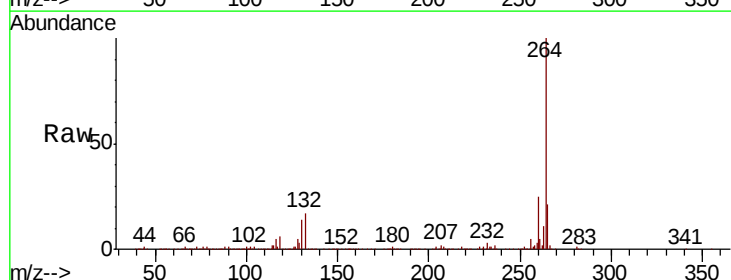
Delta R.T. -0.01 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Tgt Ion:264 Resp: 545038

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.5	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

