

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052344.D
 Acq On : 9 Feb 2022 20:54
 Operator : CG/JU
 Sample : N1432-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Quant Time: Feb 10 00:09:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

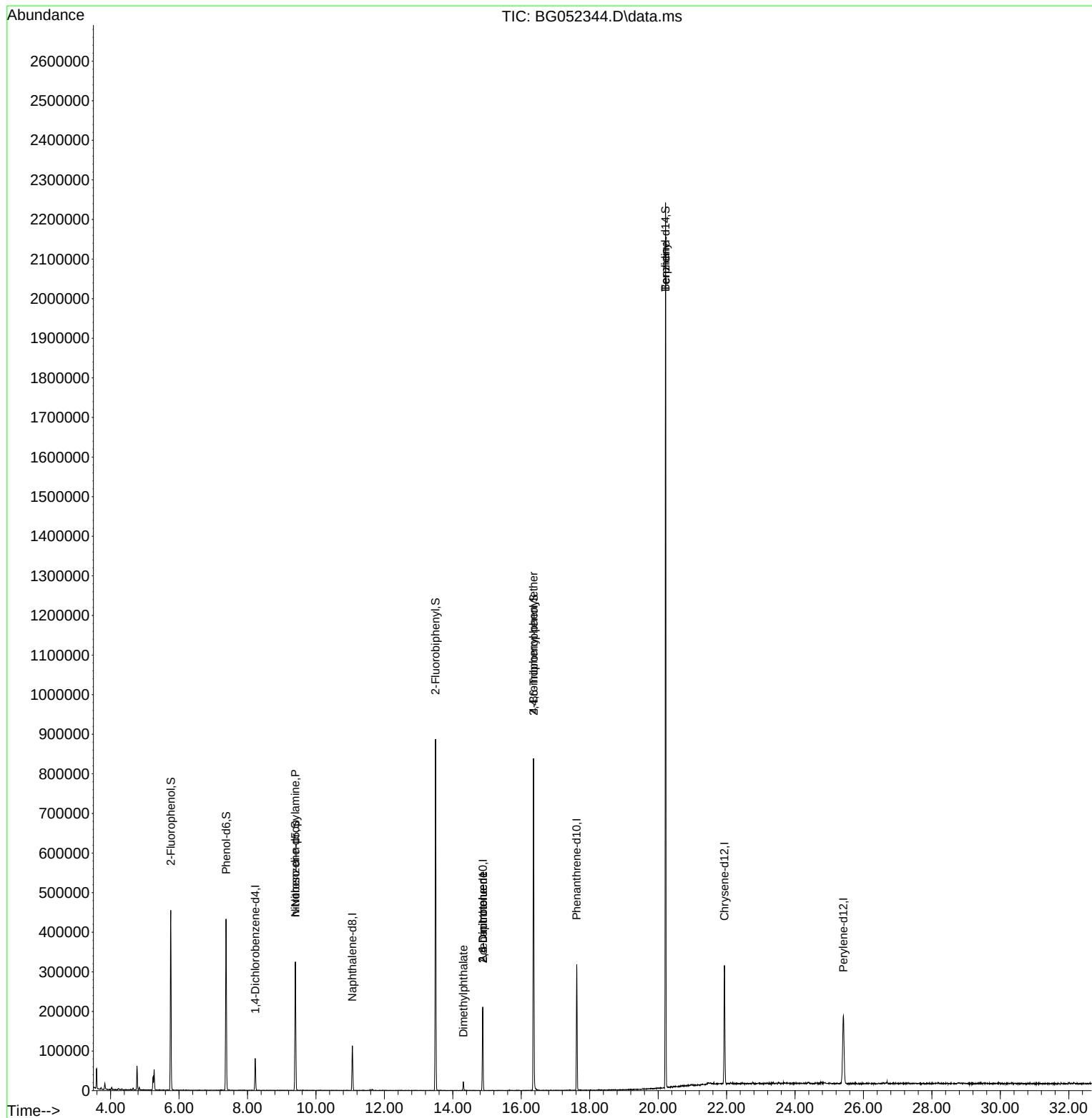
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	23978	20.000	ng	0.00
21) Naphthalene-d8	11.064	136	97127	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	75415	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	205280	20.000	ng	0.00
76) Chrysene-d12	21.937	240	206003	20.000	ng	0.00
86) Perylene-d12	25.409	264	205108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.759	112	188267	136.843	ng	0.00
7) Phenol-d6	7.375	99	244247	115.061	ng	0.00
23) Nitrobenzene-d5	9.401	82	202789	90.741	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	181785	167.782	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	477874	88.049	ng	0.00
79) Terphenyl-d14	20.216	244	1115056	95.583	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.401	70	28685	17.924	ng	Qvalue
50) Dimethylphthalate	14.306	163	14725	2.549	ng	# 74
51) 2,6-Dinitrotoluene	14.876	165	10019	8.037	ng	# 95
57) 2,4-Dinitrotoluene	14.876	165	10019	5.646	ng	# 16
67) 4-Bromophenyl-phenylether	16.357	248	11433	4.580	ng	# 15
77) Benzidine	20.216	184	16351	3.715	ng	# 1

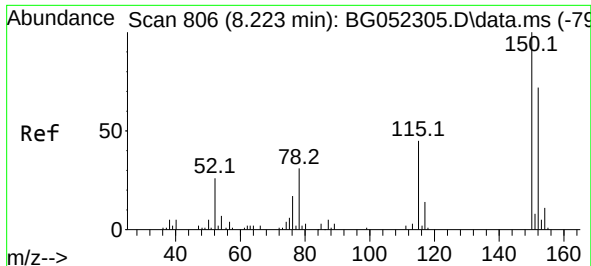
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
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Quant Time: Feb 10 00:09:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

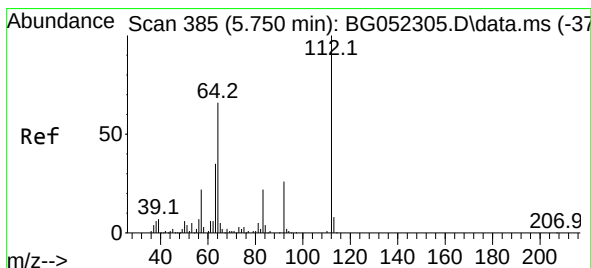
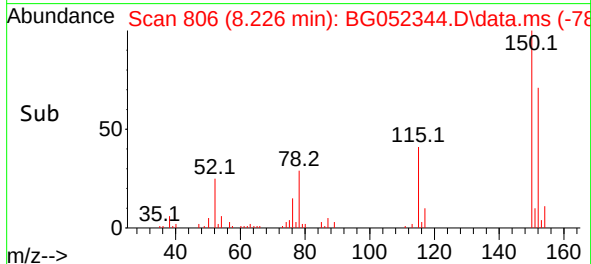
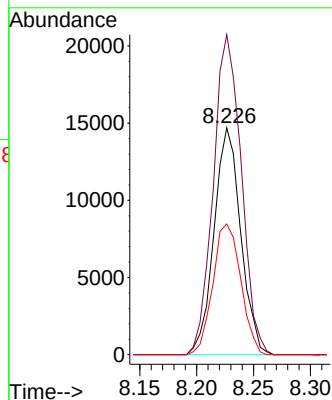
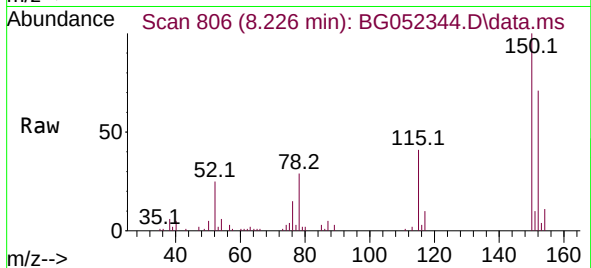




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG052344.D
Acq: 9 Feb 2022 20:54

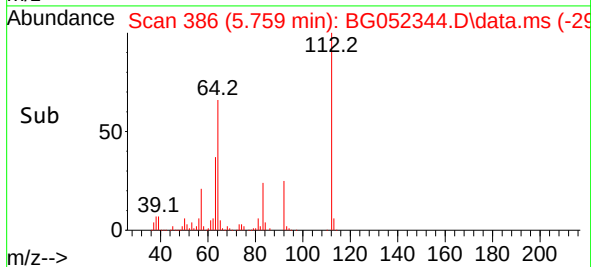
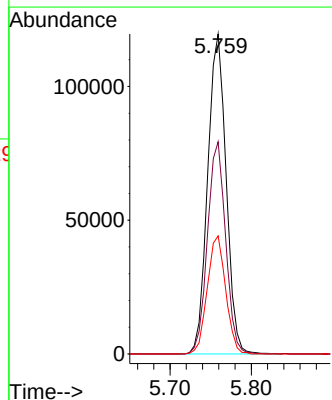
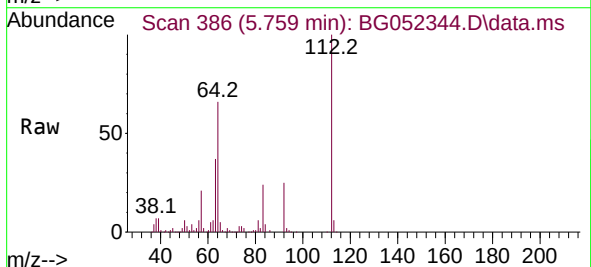
Instrument :
BNA_G
ClientSampleId :
SP-2

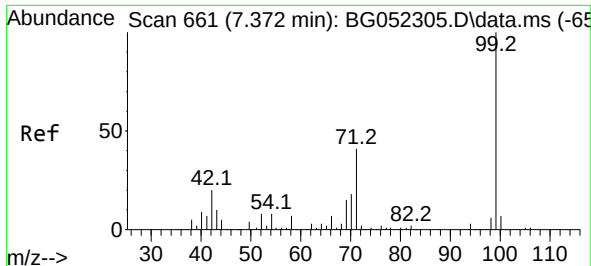
Tgt Ion:152 Resp: 23978
Ion Ratio Lower Upper
152 100
150 141.1 117.8 176.8
115 57.7 50.2 75.2



#5
2-Fluorophenol
Concen: 136.843 ng
RT: 5.759 min Scan# 386
Delta R.T. 0.009 min
Lab File: BG052344.D
Acq: 9 Feb 2022 20:54

Tgt Ion:112 Resp: 188267
Ion Ratio Lower Upper
112 100
64 66.3 60.4 90.6
63 36.9 33.3 49.9

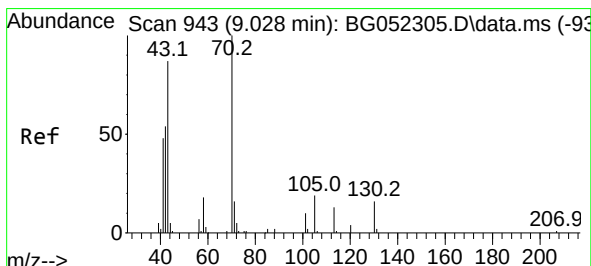
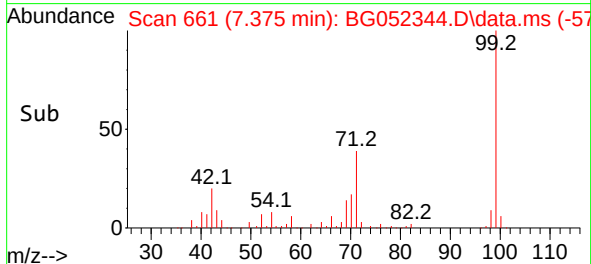
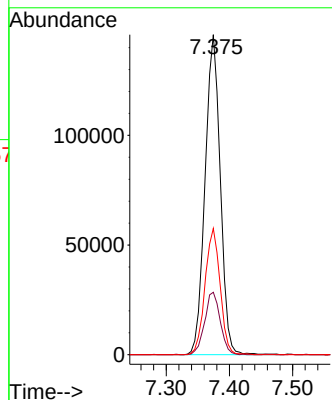
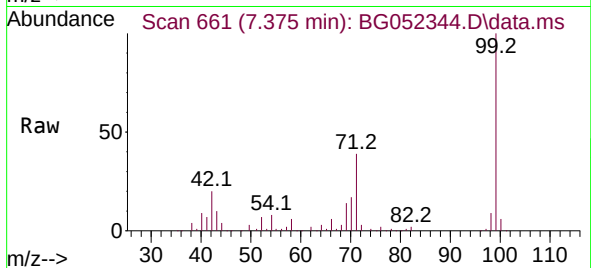




#7
Phenol-d6
Concen: 115.061 ng
RT: 7.375 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG052344.D
Acq: 9 Feb 2022 20:54

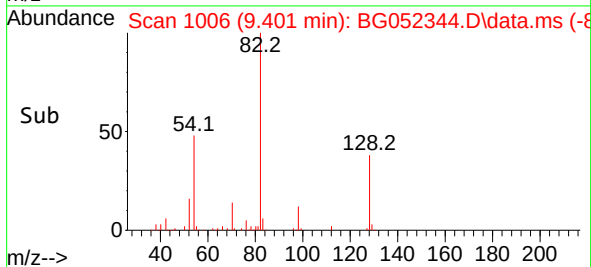
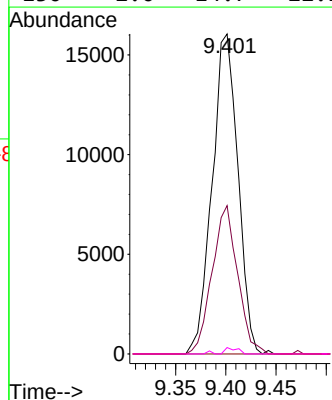
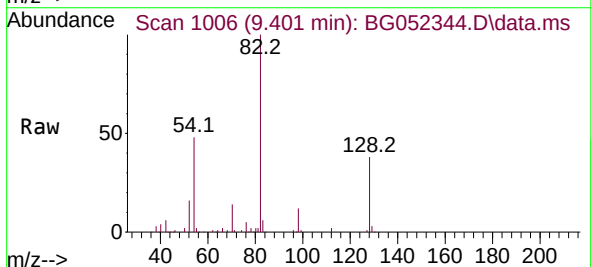
Instrument :
BNA_G
ClientSampleId :
SP-2

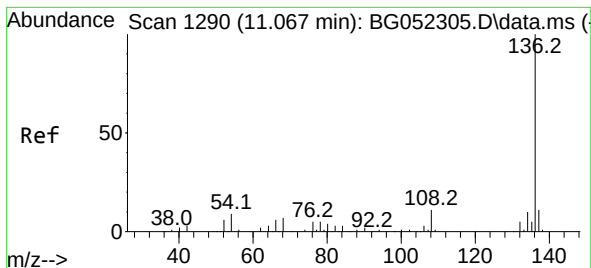
Tgt Ion: 99 Resp: 244247
Ion Ratio Lower Upper
99 100
42 19.5 19.1 28.7
71 39.4 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.924 ng
RT: 9.401 min Scan# 1006
Delta R.T. 0.373 min
Lab File: BG052344.D
Acq: 9 Feb 2022 20:54

Tgt Ion: 70 Resp: 28685
Ion Ratio Lower Upper
70 100
42 46.3 51.8 77.6#
101 0.0 6.6 10.0#
130 2.0 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.064 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG052344.D

Acq: 9 Feb 2022 20:54

Instrument :

BNA_G

ClientSampleId :

SP-2

Tgt Ion:136 Resp: 97127

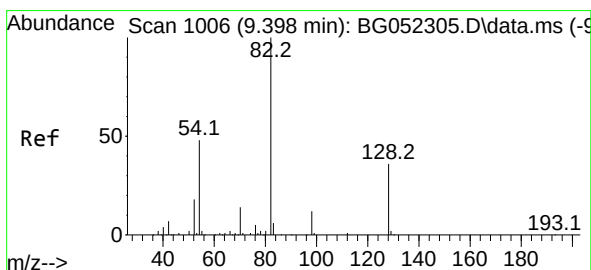
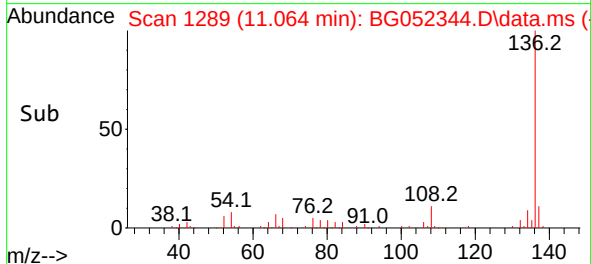
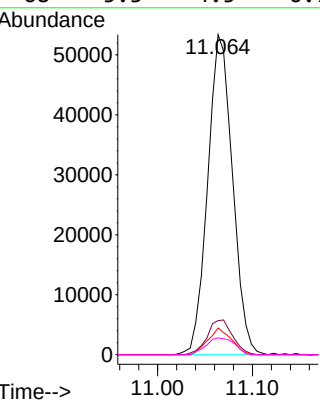
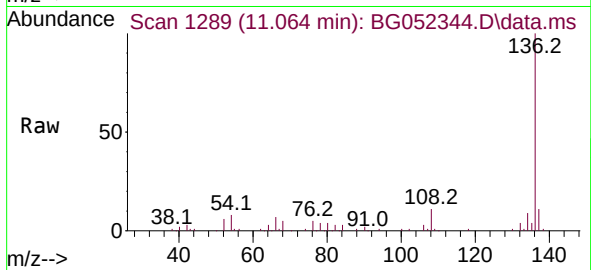
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.4 8.3 12.5

68 5.3 4.5 6.7



#23

Nitrobenzene-d5

Concen: 90.741 ng

RT: 9.401 min Scan# 1006

Delta R.T. 0.003 min

Lab File: BG052344.D

Acq: 9 Feb 2022 20:54

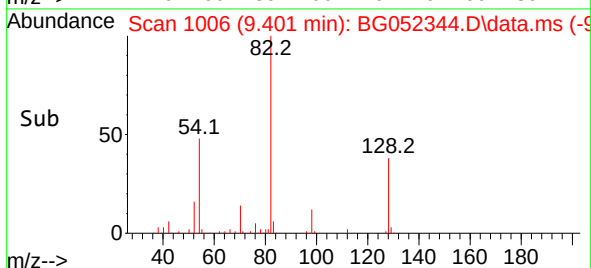
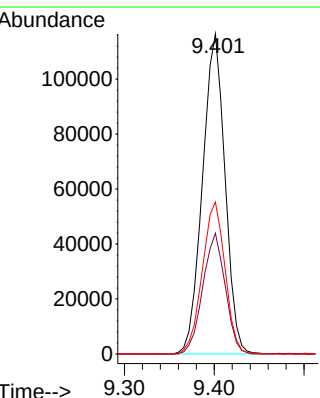
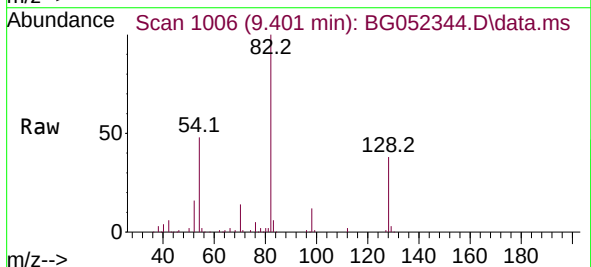
Tgt Ion: 82 Resp: 202789

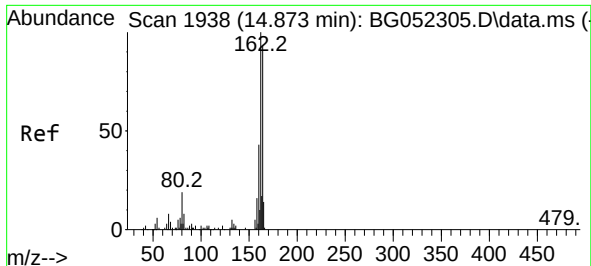
Ion Ratio Lower Upper

82 100

128 37.8 27.0 40.4

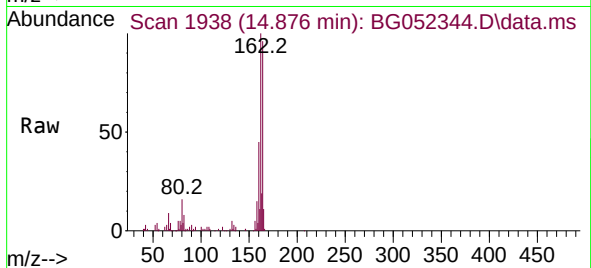
54 47.5 41.0 61.6



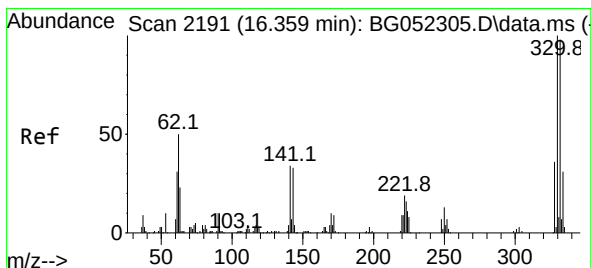
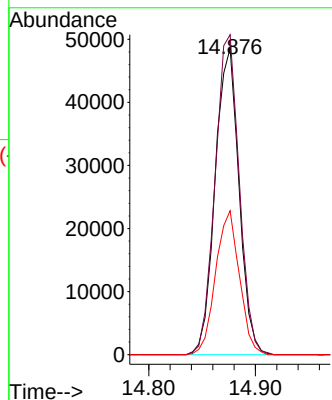
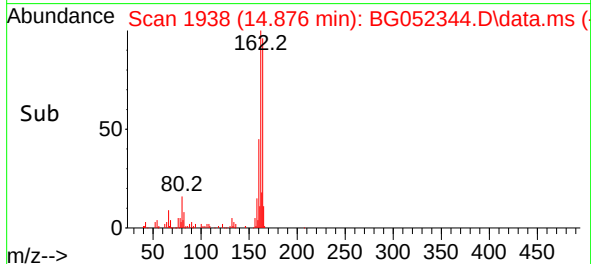


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1938
Delta R.T. 0.003 min
Lab File: BG052344.D
Acq: 9 Feb 2022 20:54

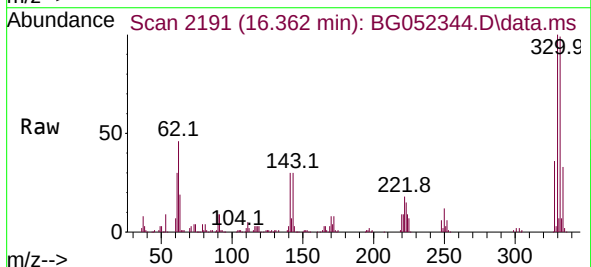
Instrument :
BNA_G
ClientSampleId :
SP-2



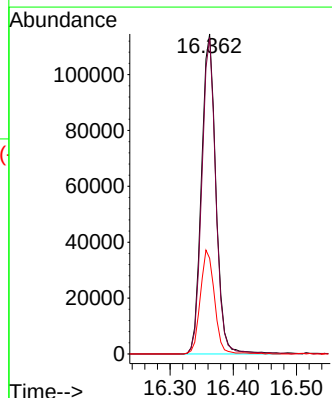
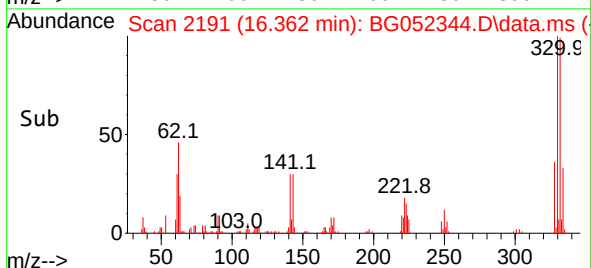
Tgt Ion:164 Resp: 75415
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.2
160 47.0 36.2 54.2

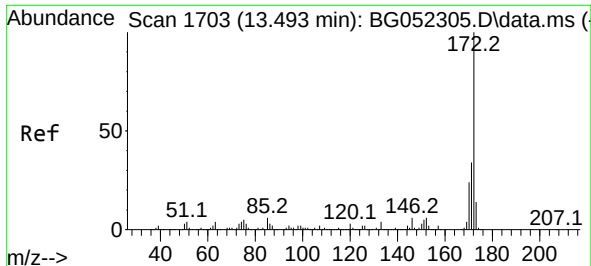


#42
2,4,6-Tribromophenol
Concen: 167.782 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.003 min
Lab File: BG052344.D
Acq: 9 Feb 2022 20:54



Tgt Ion:330 Resp: 181785
Ion Ratio Lower Upper
330 100
332 96.1 78.6 117.8
141 31.9 28.8 43.2

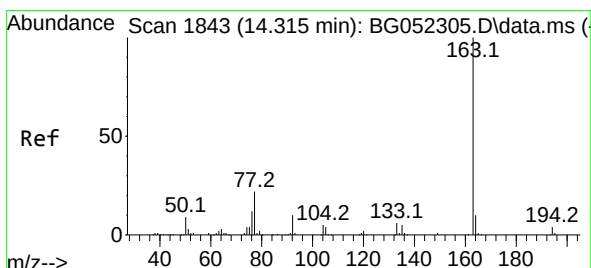
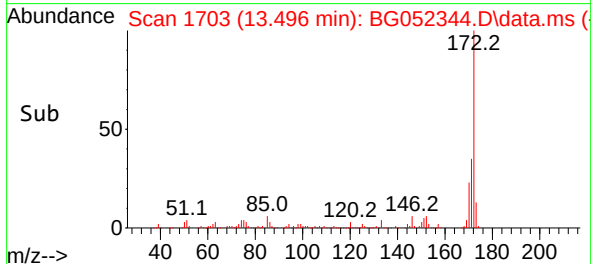
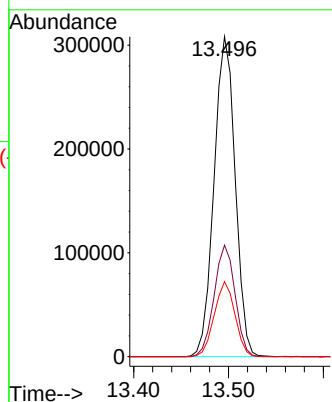
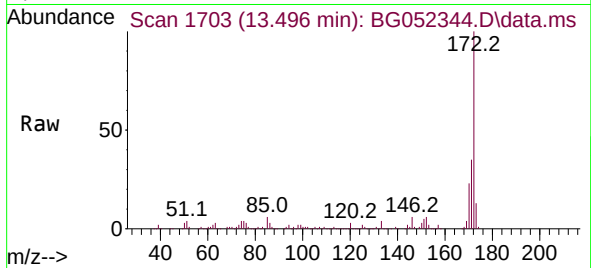




#45
2-Fluorobiphenyl
Concen: 88.049 ng
RT: 13.496 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG052344.D
Acq: 9 Feb 2022 20:54

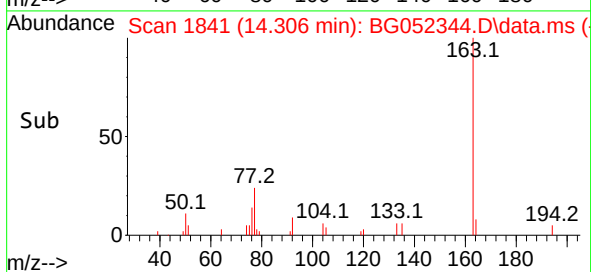
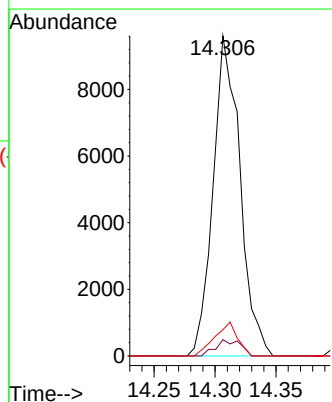
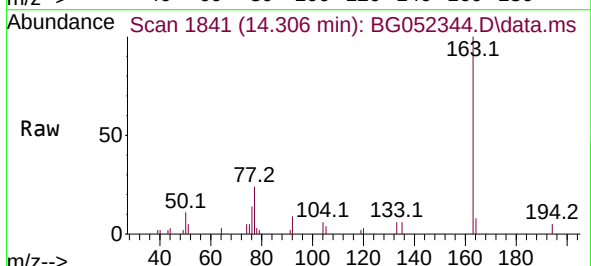
Instrument :
BNA_G
ClientSampleId :
SP-2

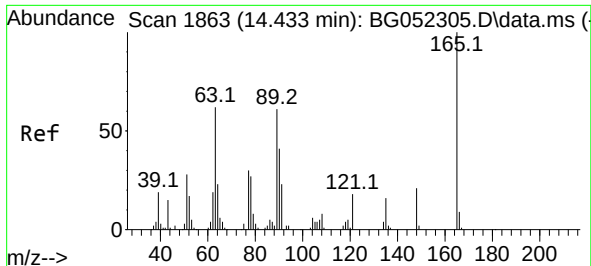
Tgt Ion:172 Resp: 477874
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.5 18.3 27.5



#50
Dimethylphthalate
Concen: 2.549 ng
RT: 14.306 min Scan# 1841
Delta R.T. -0.009 min
Lab File: BG052344.D
Acq: 9 Feb 2022 20:54

Tgt Ion:163 Resp: 14725
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 8.2 8.4 12.6#





#51

2,6-Dinitrotoluene

Concen: 8.037 ng

RT: 14.876 min Scan# 1938

Delta R.T. 0.444 min

Lab File: BG052344.D

Acq: 9 Feb 2022 20:54

Instrument :

BNA_G

ClientSampleId :

SP-2

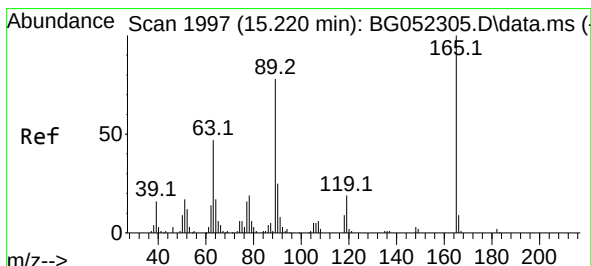
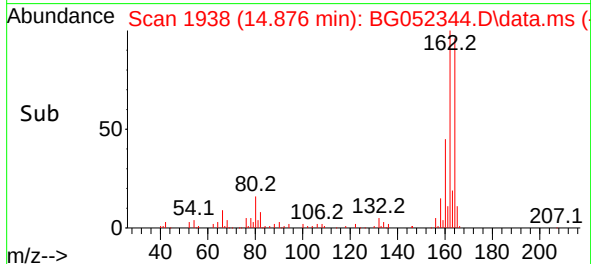
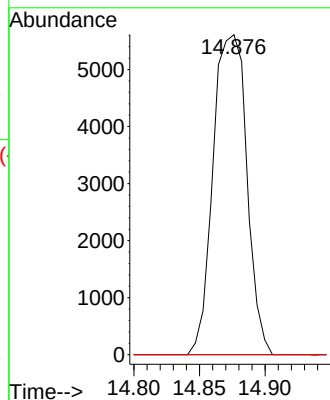
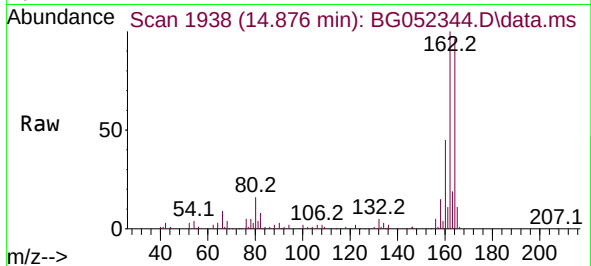
Tgt Ion:165 Resp: 10019

Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 0.0 49.4 74.0#



#57

2,4-Dinitrotoluene

Concen: 5.646 ng

RT: 14.876 min Scan# 1938

Delta R.T. -0.344 min

Lab File: BG052344.D

Acq: 9 Feb 2022 20:54

Tgt Ion:165 Resp: 10019

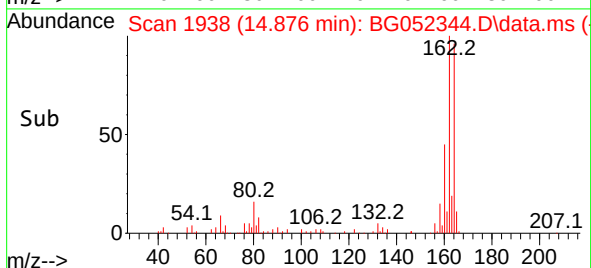
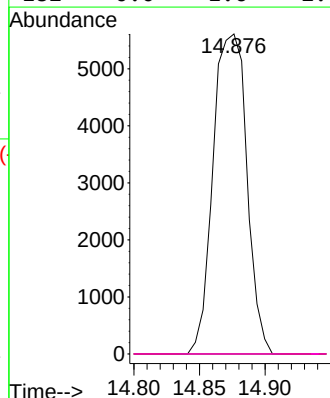
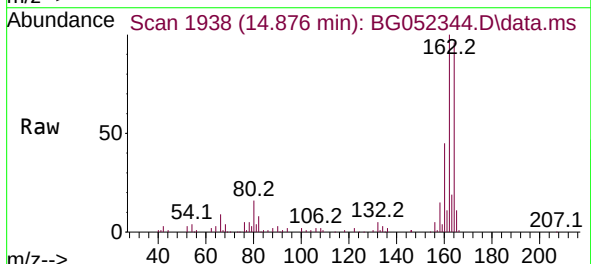
Ion Ratio Lower Upper

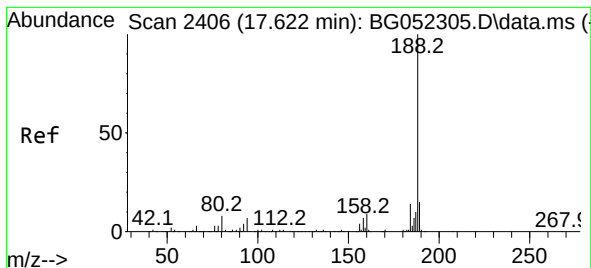
165 100

63 0.0 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.620 min Scan# 2406

Delta R.T. -0.003 min

Lab File: BG052344.D

Acq: 9 Feb 2022 20:54

Instrument :

BNA_G

ClientSampleId :

SP-2

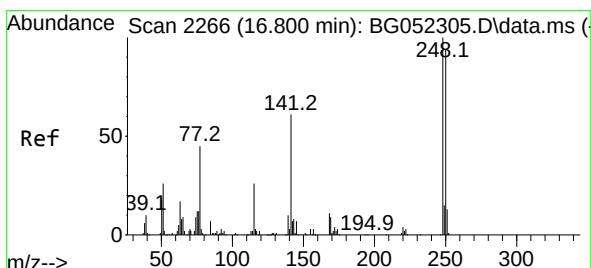
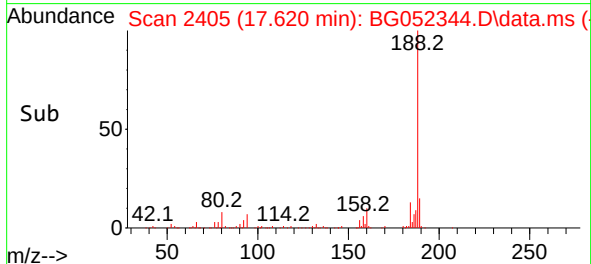
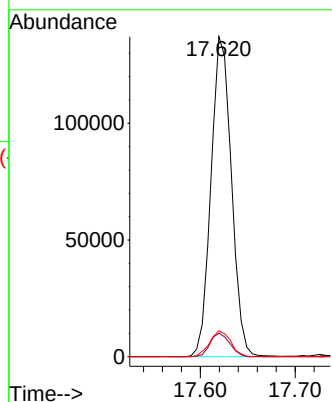
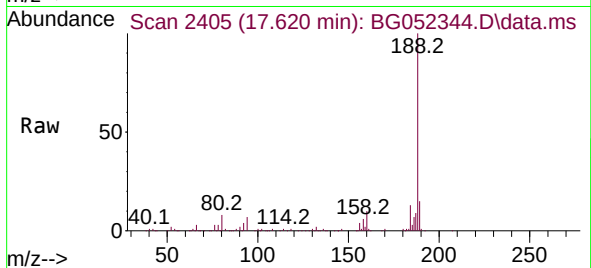
Tgt Ion:188 Resp: 205280

Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

80 8.1 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.580 ng

RT: 16.357 min Scan# 2190

Delta R.T. -0.443 min

Lab File: BG052344.D

Acq: 9 Feb 2022 20:54

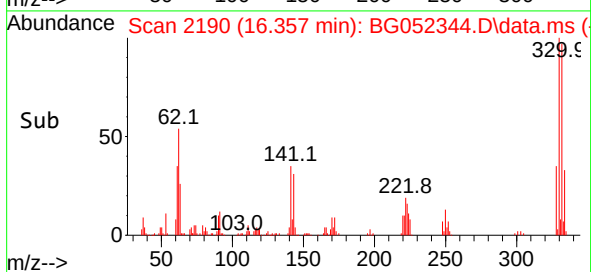
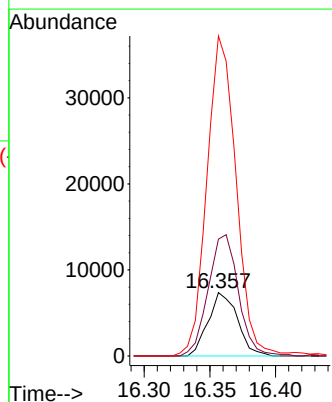
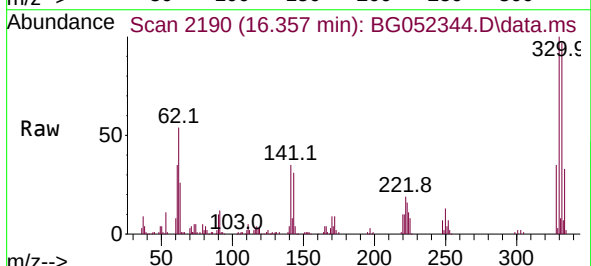
Tgt Ion:248 Resp: 11433

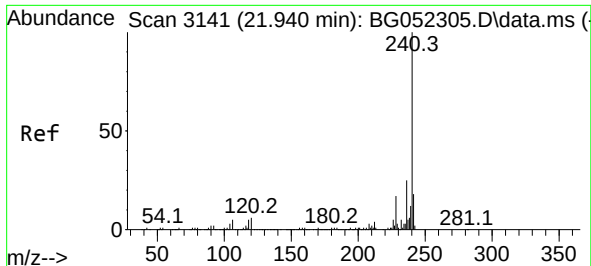
Ion Ratio Lower Upper

248 100

250 184.2 79.6 119.4#

141 504.4 54.6 81.8#

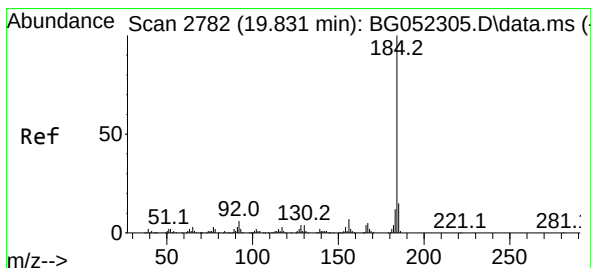
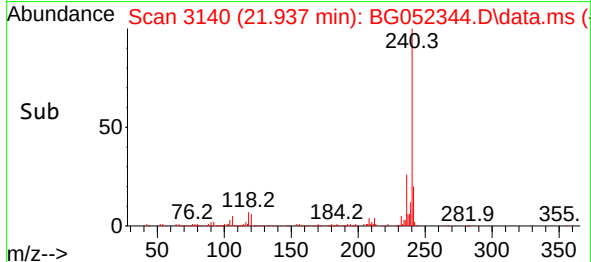
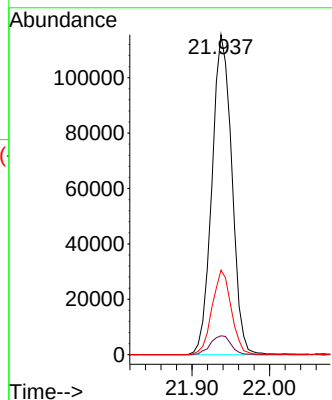
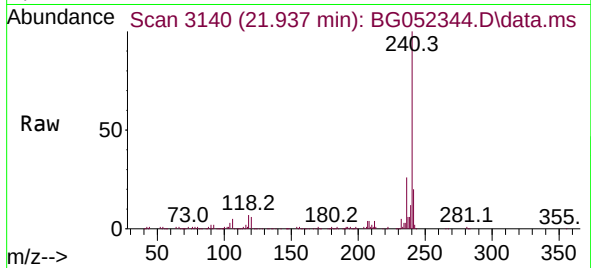




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BG052344.D
Acq: 9 Feb 2022 20:54

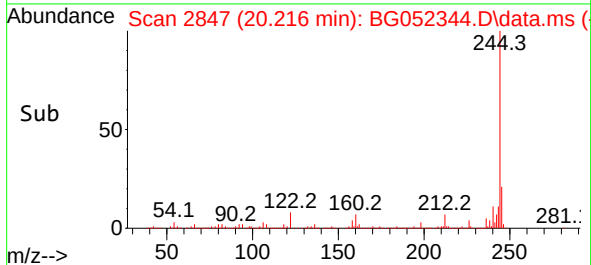
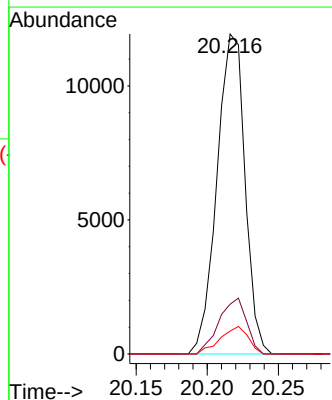
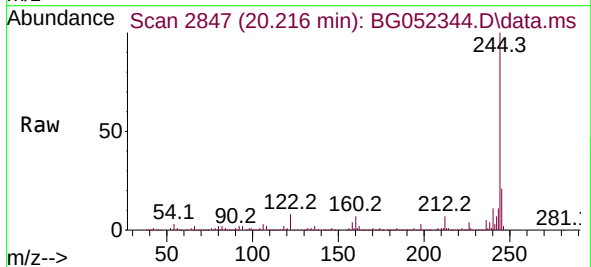
Instrument :
BNA_G
ClientSampleId :
SP-2

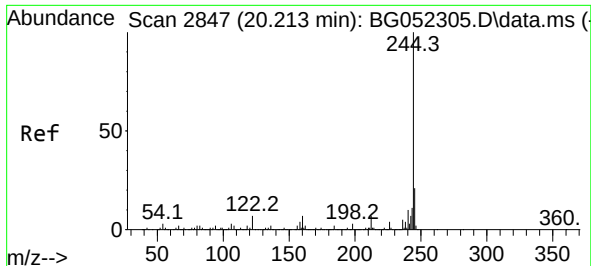
Tgt Ion:240 Resp: 206003
Ion Ratio Lower Upper
240 100
120 5.9 4.4 6.6
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.715 ng
RT: 20.216 min Scan# 2847
Delta R.T. 0.385 min
Lab File: BG052344.D
Acq: 9 Feb 2022 20:54

Tgt Ion:184 Resp: 16351
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 7.1 9.8 14.6#

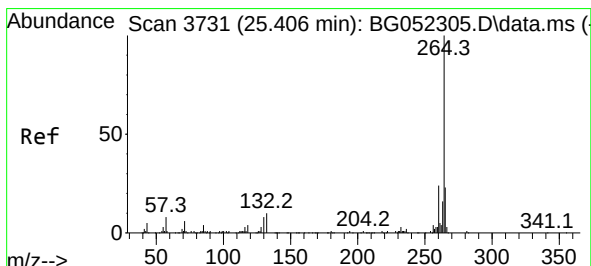
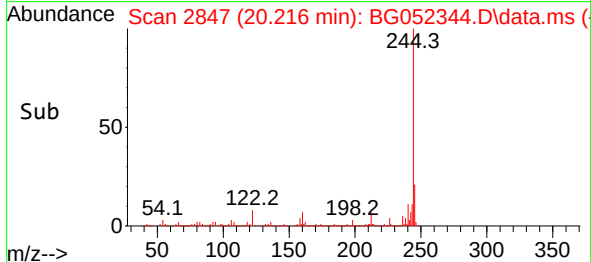
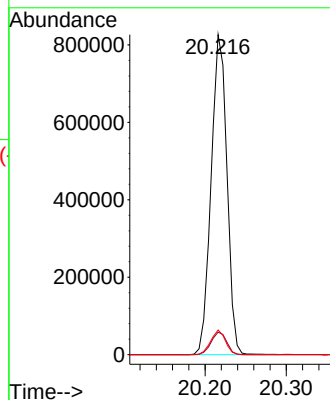
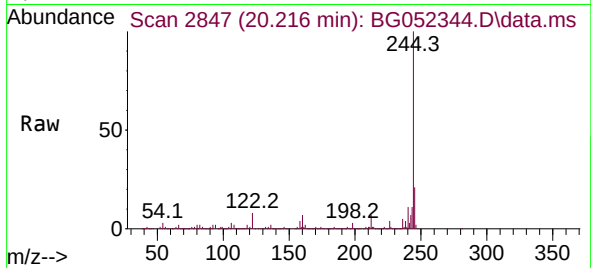




#79
 Terphenyl-d14
 Concen: 95.583 ng
 RT: 20.216 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: BG052344.D
 Acq: 9 Feb 2022 20:54

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Tgt Ion:244 Resp: 1115056
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.409 min Scan# 3731
 Delta R.T. 0.003 min
 Lab File: BG052344.D
 Acq: 9 Feb 2022 20:54

Tgt Ion:264 Resp: 205108
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 22.1 17.8 26.6

