

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052605.D
 Acq On : 8 Mar 2022 15:25
 Operator : CG/JU
 Sample : N1793-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10

Quant Time: Mar 09 04:18:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 08 01:09:10 2022
 Response via : Initial Calibration

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

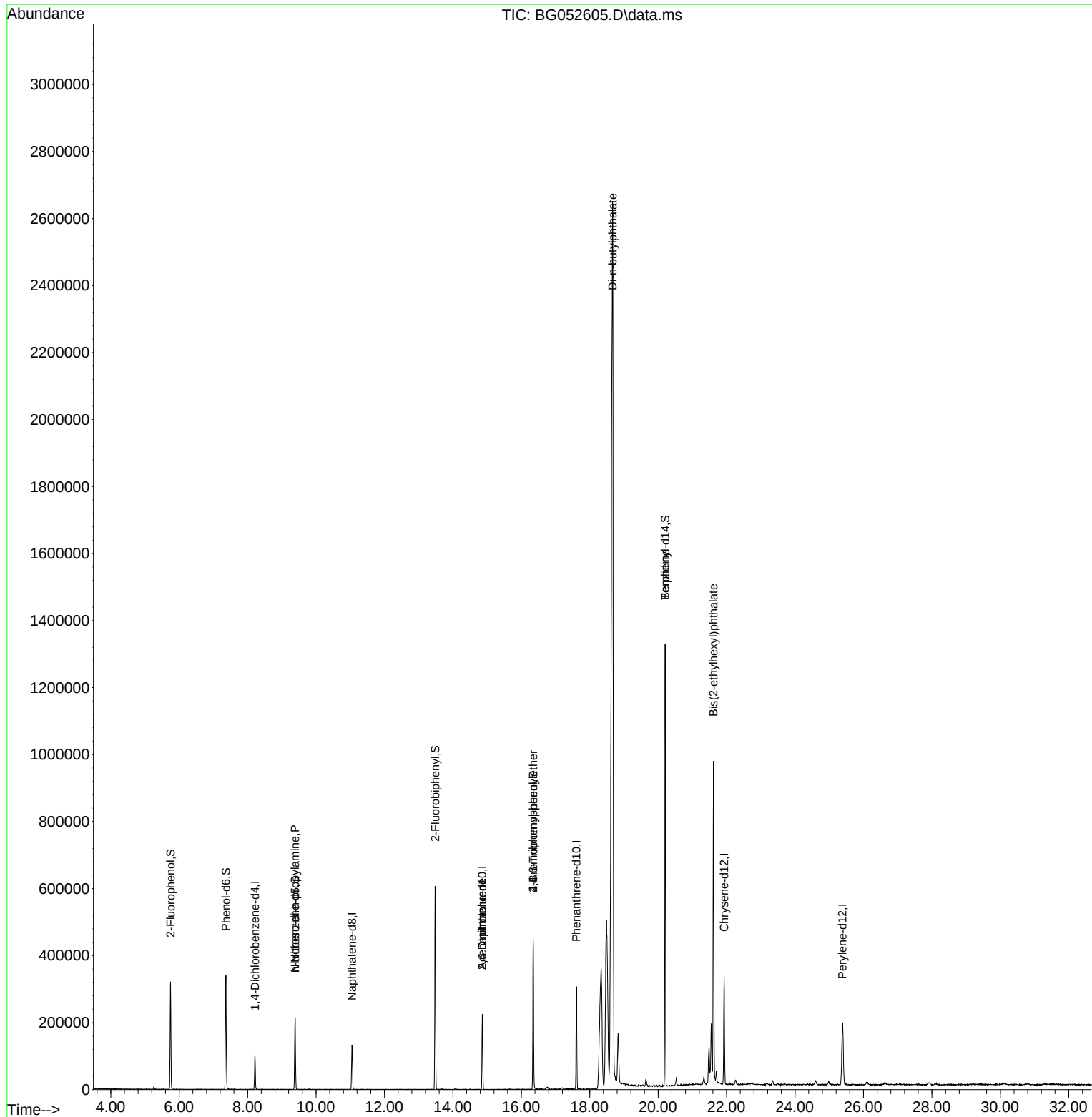
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	30756	20.000	ng	# 0.00
21) Naphthalene-d8	11.054	136	118610	20.000	ng	# 0.00
39) Acenaphthene-d10	14.860	164	82807	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	202881	20.000	ng	0.00
76) Chrysene-d12	21.927	240	211892	20.000	ng	0.00
86) Perylene-d12	25.387	264	225848	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	145208	80.437	ng	0.00
7) Phenol-d6	7.364	99	200150	78.904	ng	0.00
23) Nitrobenzene-d5	9.385	82	140176	53.878	ng	-0.01
42) 2,4,6-Tribromophenol	16.346	330	98325	82.620	ng	0.00
45) 2-Fluorobiphenyl	13.480	172	343191	57.149	ng	0.00
79) Terphenyl-d14	20.206	244	689185	58.245	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.385	70	18835	10.906	ng	# 72
51) 2,6-Dinitrotoluene	14.860	165	11146	8.052	ng	# 17
57) 2,4-Dinitrotoluene	14.860	165	11146	5.693	ng	# 16
67) 4-Bromophenyl-phenylether	16.346	248	6460	2.635	ng	# 1
74) Di-n-butylphthalate	18.667	149	2730186	239.472	ng	# 89
77) Benzidine	20.206	184	9081	2.004	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.616	149	403415	55.851	ng	# 54

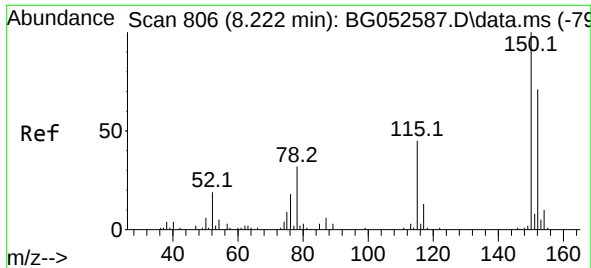
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
Data File : BG052605.D
Acq On : 8 Mar 2022 15:25
Operator : CG/JU
Sample : N1793-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-10

Quant Time: Mar 09 04:18:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

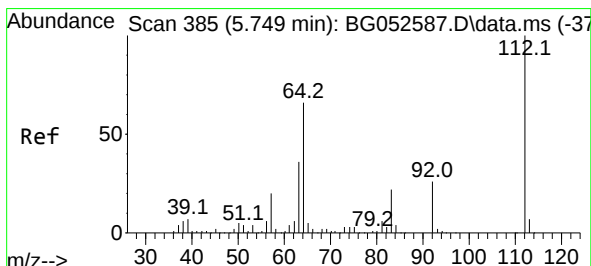
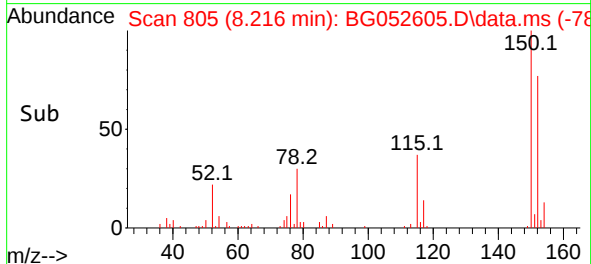
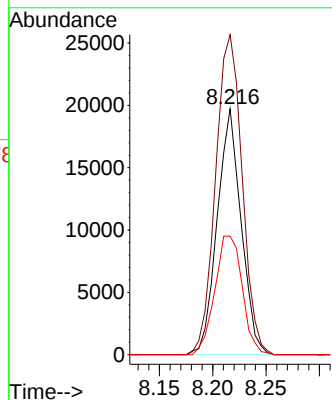
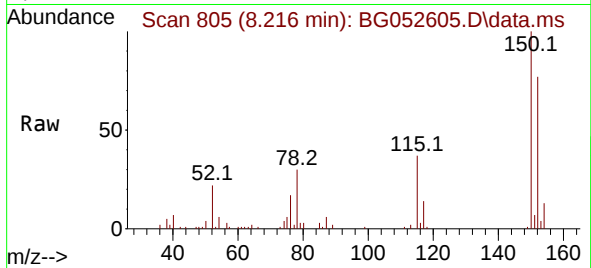




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

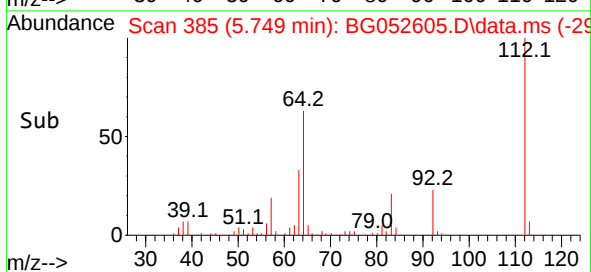
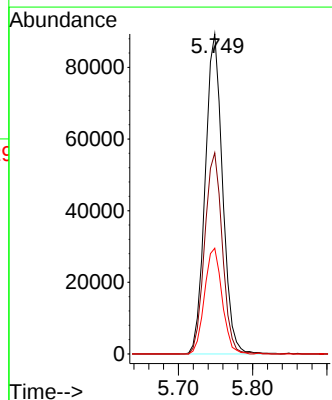
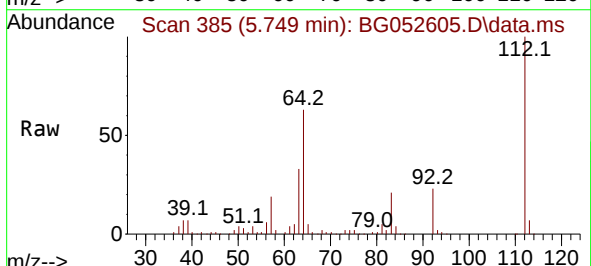
Instrument :
BNA_G
ClientSampleId :
SB-10

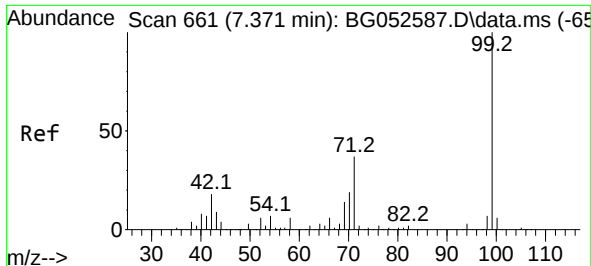
Tgt Ion:152 Resp: 30756
Ion Ratio Lower Upper
152 100
150 130.1 117.8 176.8
115 48.2 50.2 75.2#



#5
2-Fluorophenol
Concen: 80.437 ng
RT: 5.749 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

Tgt Ion:112 Resp: 145208
Ion Ratio Lower Upper
112 100
64 62.8 60.4 90.6
63 33.0 33.3 49.9#

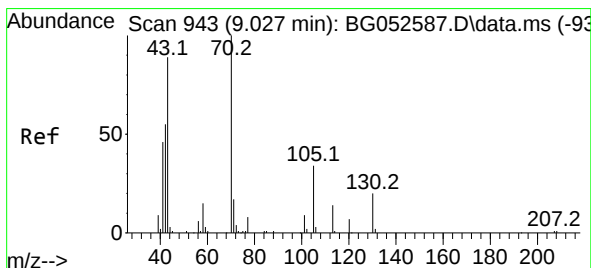
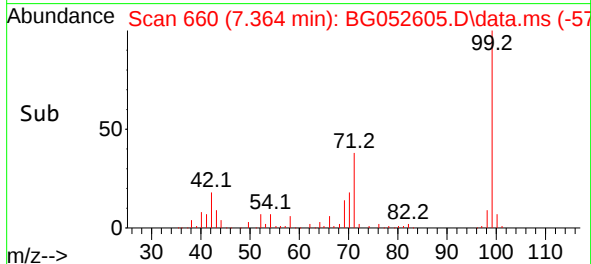
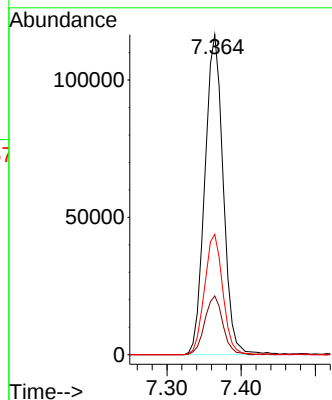
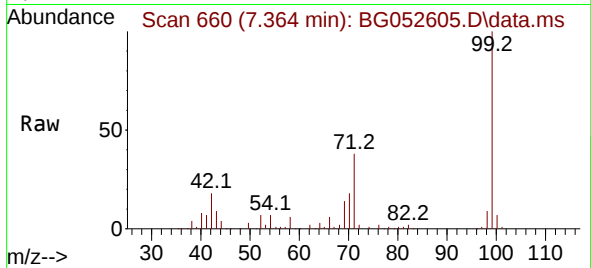




#7
Phenol-d6
Concen: 78.904 ng
RT: 7.364 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

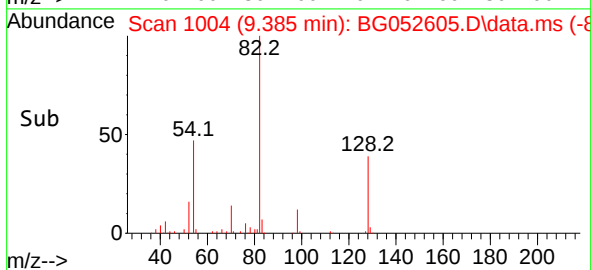
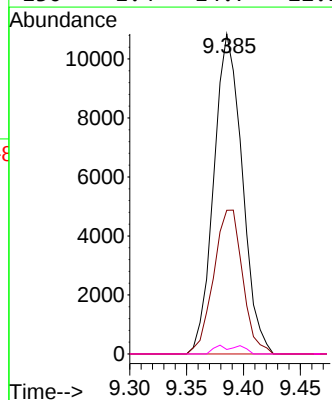
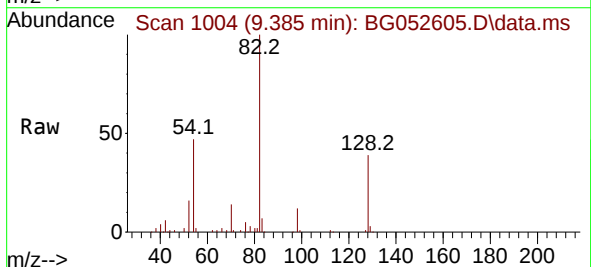
Instrument :
BNA_G
ClientSampleId :
SB-10

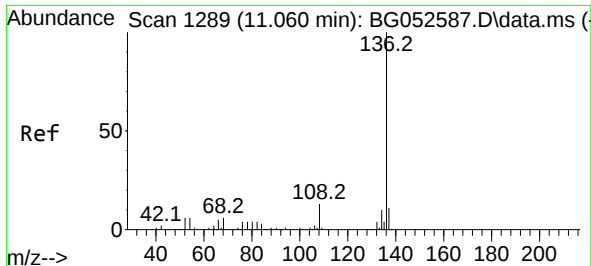
Tgt Ion: 99 Resp: 200150
Ion Ratio Lower Upper
99 100
42 18.4 19.1 28.7#
71 37.6 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.906 ng
RT: 9.385 min Scan# 1004
Delta R.T. 0.358 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

Tgt Ion: 70 Resp: 18835
Ion Ratio Lower Upper
70 100
42 44.9 51.8 77.6#
101 0.0 6.6 10.0#
130 1.4 14.7 22.1#

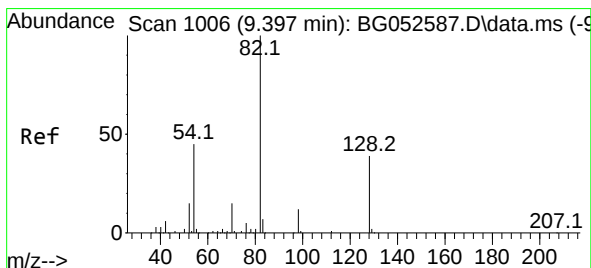
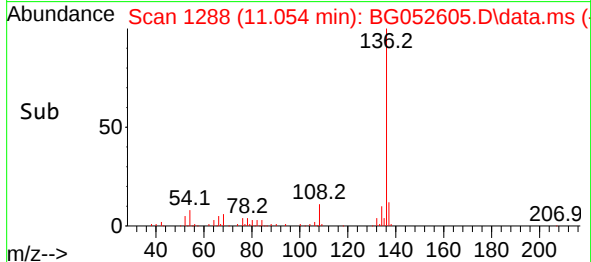
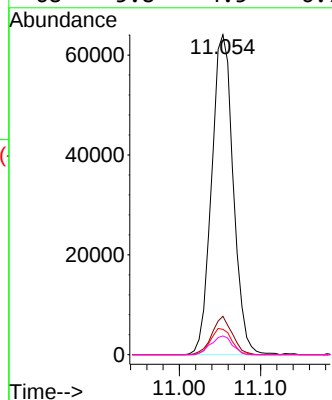
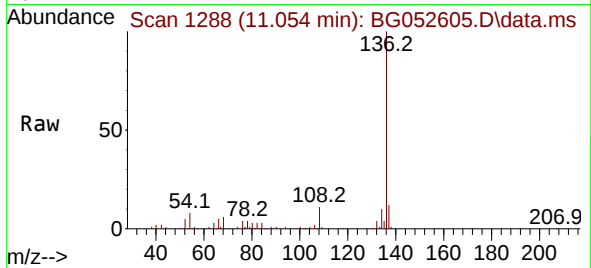




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.054 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

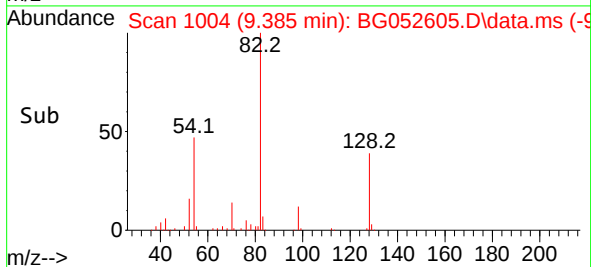
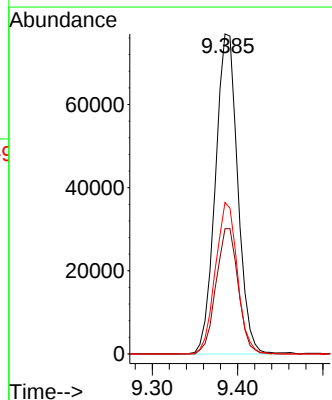
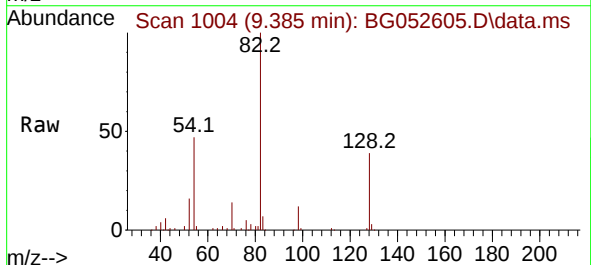
Instrument :
BNA_G
ClientSampleId :
SB-10

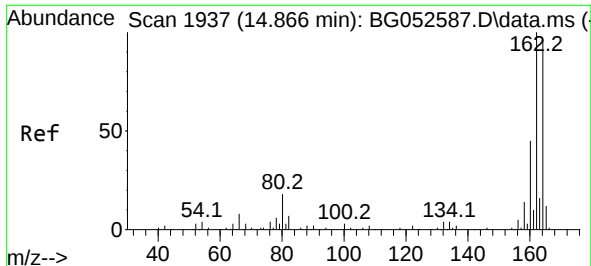
Tgt Ion:136 Resp: 118610
Ion Ratio Lower Upper
136 100
137 12.0 9.1 13.7
54 7.9 8.3 12.5#
68 5.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 53.878 ng
RT: 9.385 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

Tgt Ion: 82 Resp: 140176
Ion Ratio Lower Upper
82 100
128 39.1 27.0 40.4
54 47.4 41.0 61.6

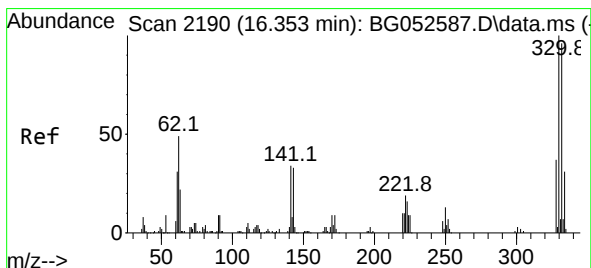
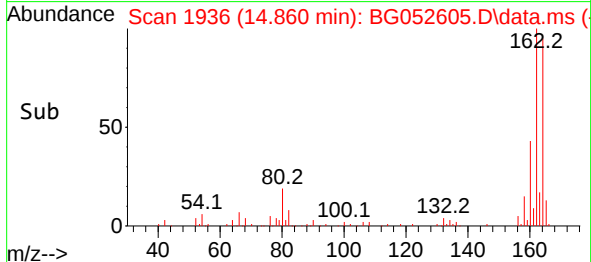
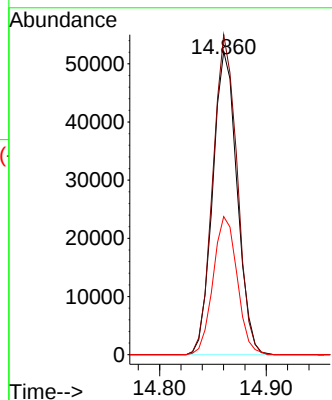
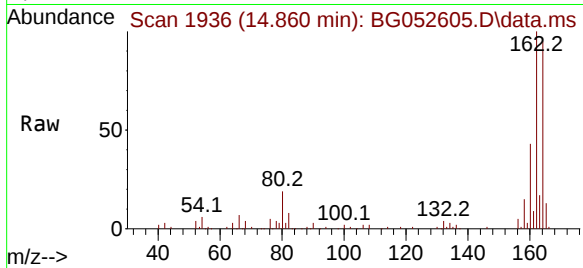




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.860 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

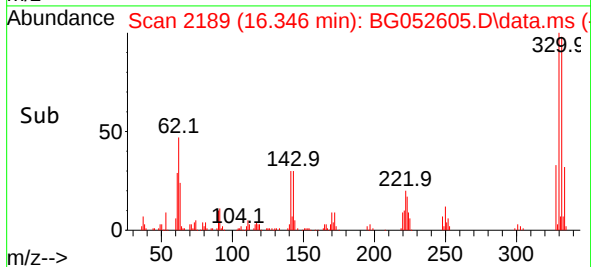
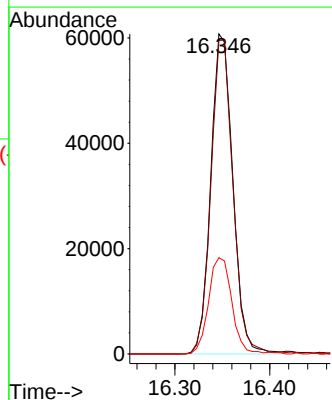
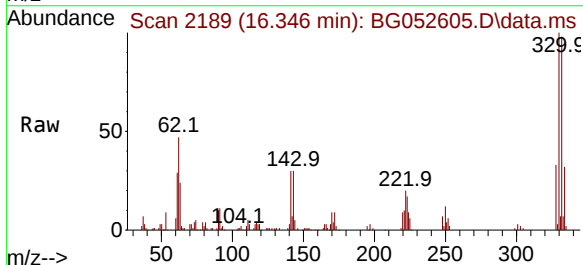
Instrument :
BNA_G
ClientSampleId :
SB-10

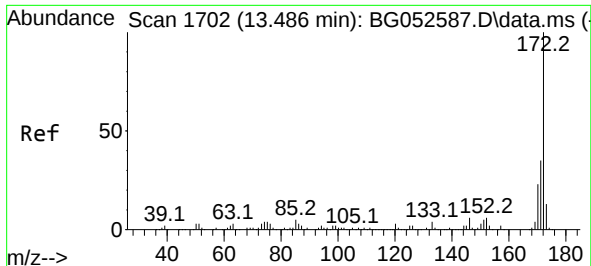
Tgt Ion:164 Resp: 82807
Ion Ratio Lower Upper
164 100
162 105.6 82.2 123.2
160 45.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 82.620 ng
RT: 16.346 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

Tgt Ion:330 Resp: 98325
Ion Ratio Lower Upper
330 100
332 97.5 78.6 117.8
141 31.8 28.8 43.2

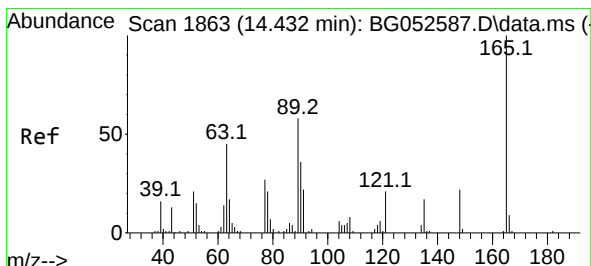
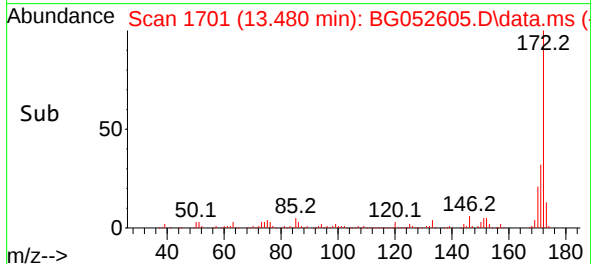
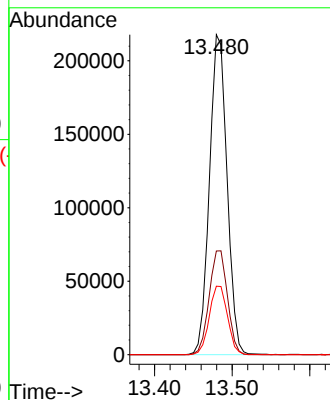
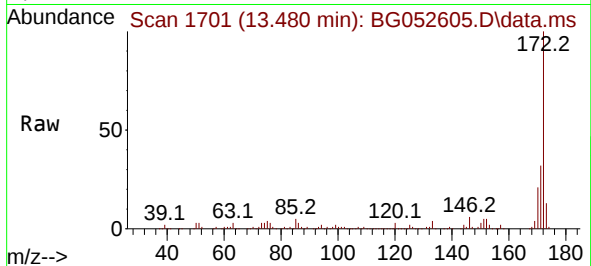




#45
2-Fluorobiphenyl
Concen: 57.149 ng
RT: 13.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

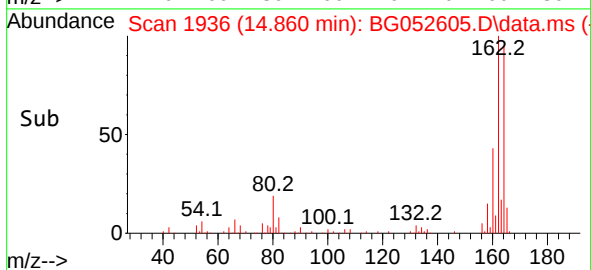
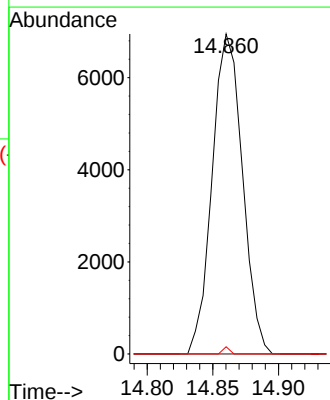
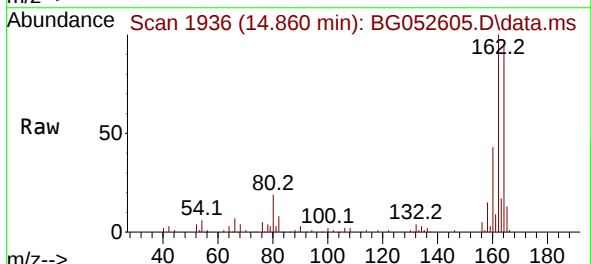
Instrument :
BNA_G
ClientSampleId :
SB-10

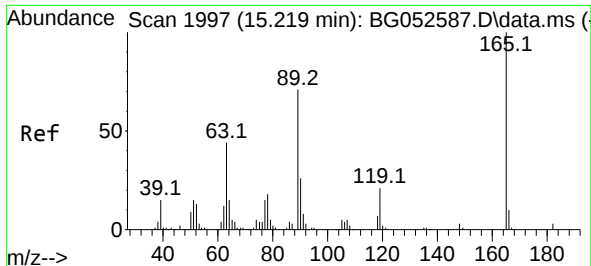
Tgt Ion:172 Resp: 343191
Ion Ratio Lower Upper
172 100
171 32.4 28.3 42.5
170 21.4 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.052 ng
RT: 14.860 min Scan# 1936
Delta R.T. 0.429 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

Tgt Ion:165 Resp: 11146
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 2.3 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.693 ng

RT: 14.860 min Scan# 1997

Delta R.T. -0.359 min

Lab File: BG052605.D

Acq: 8 Mar 2022 15:25

Instrument :

BNA_G

ClientSampleId :

SB-10

Tgt Ion:165 Resp: 11146

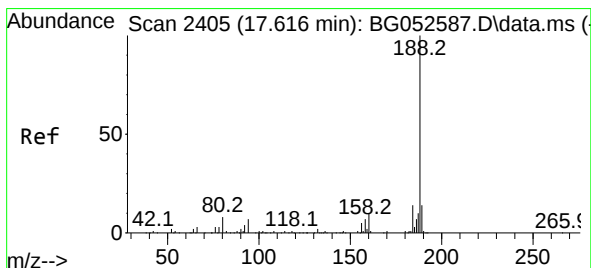
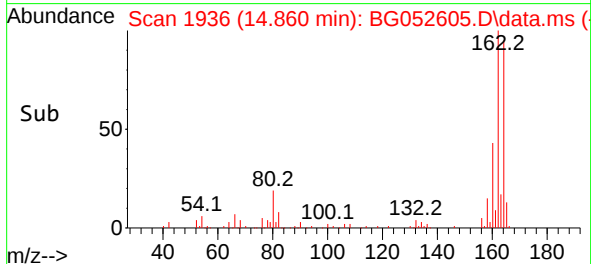
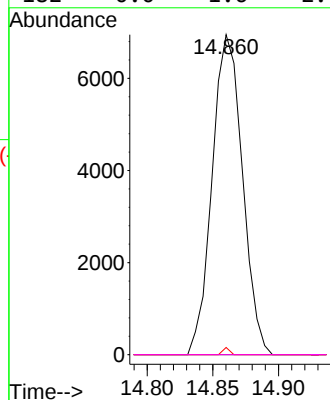
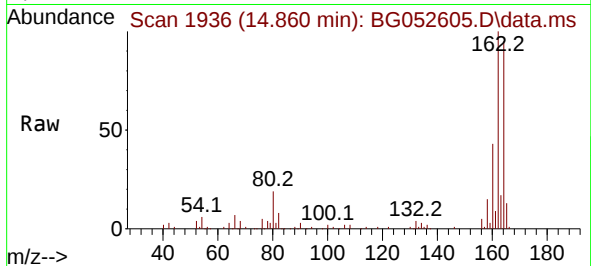
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 2.3 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.609 min Scan# 2404

Delta R.T. -0.007 min

Lab File: BG052605.D

Acq: 8 Mar 2022 15:25

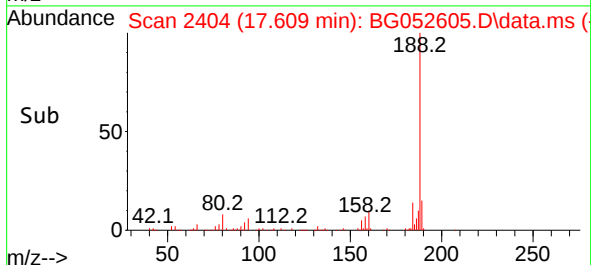
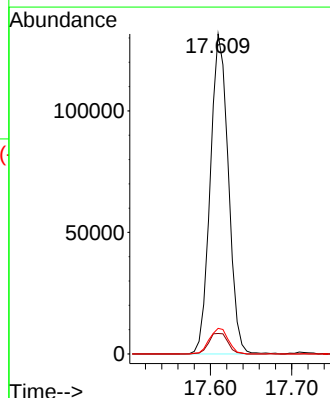
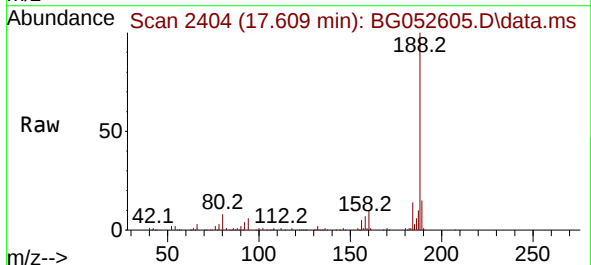
Tgt Ion:188 Resp: 202881

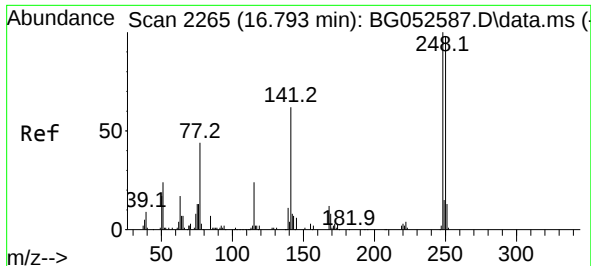
Ion Ratio Lower Upper

188 100

94 6.4 5.9 8.9

80 8.0 6.6 10.0

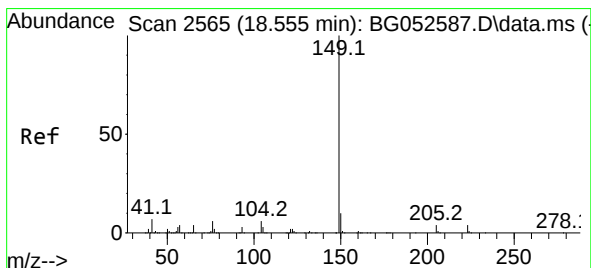
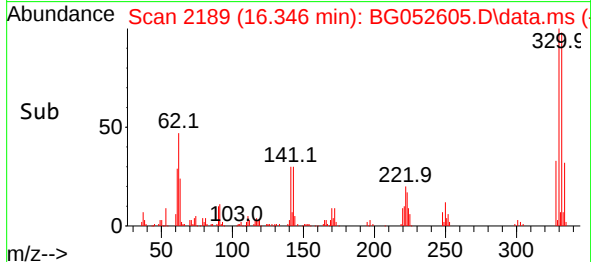
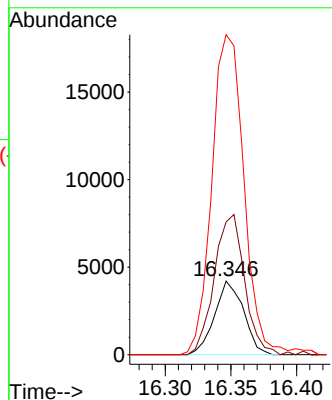
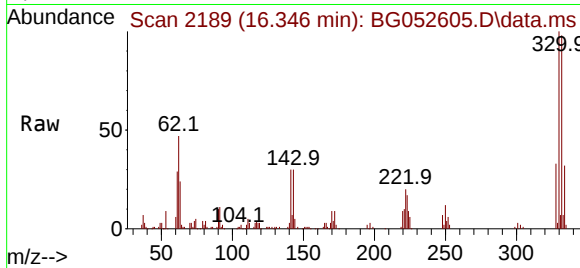




#67
4-Bromophenyl-phenylether
Concen: 2.635 ng
RT: 16.346 min Scan# 2189
Delta R.T. -0.447 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

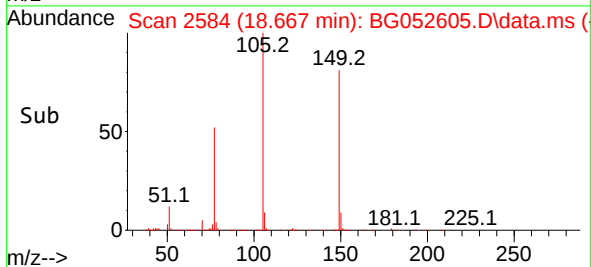
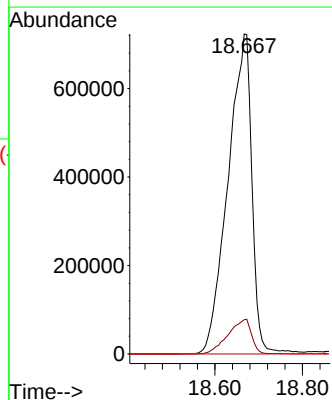
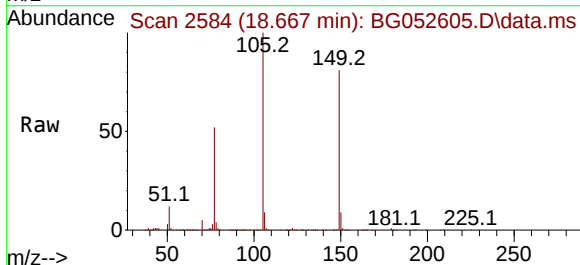
Instrument :
BNA_G
ClientSampleId :
SB-10

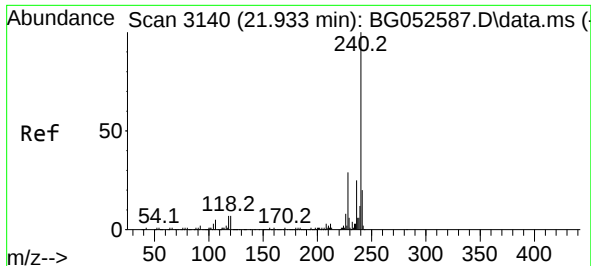
Tgt Ion:248 Resp: 6460
Ion Ratio Lower Upper
248 100
250 180.5 79.6 119.4#
141 434.6 54.6 81.8#



#74
Di-n-butylphthalate
Concen: 239.472 ng
RT: 18.667 min Scan# 2584
Delta R.T. 0.111 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

Tgt Ion:149 Resp: 2730186
Ion Ratio Lower Upper
149 100
150 10.7 7.4 11.0
104 0.0 5.4 8.2#

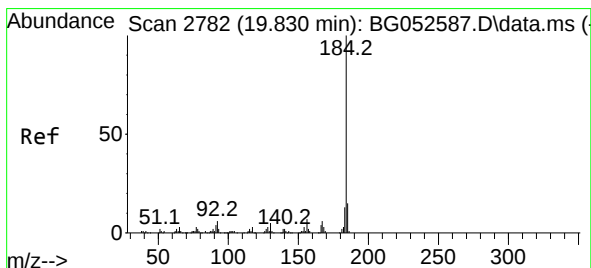
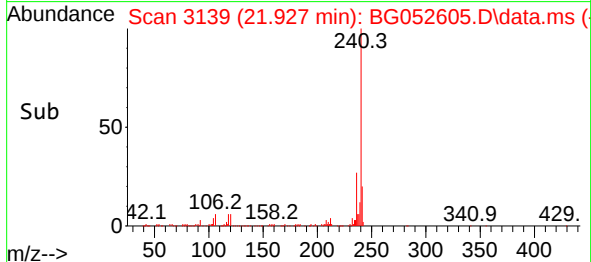
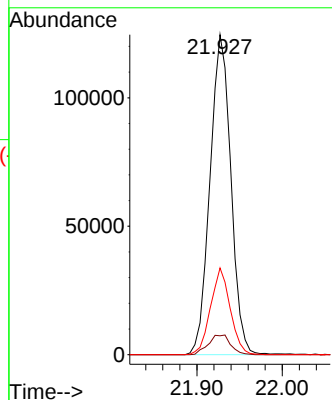
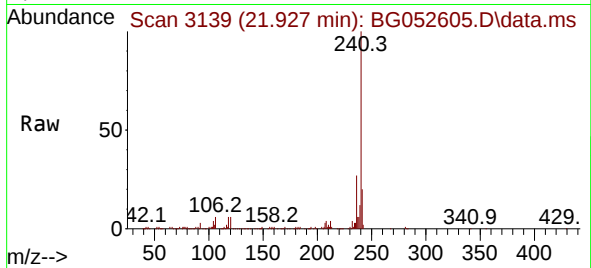




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

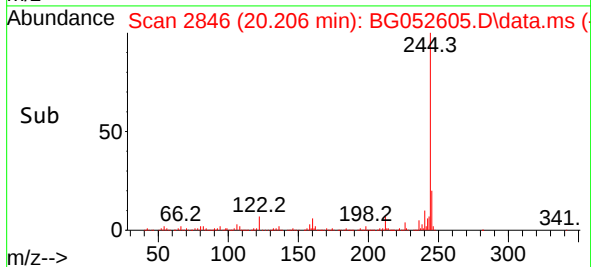
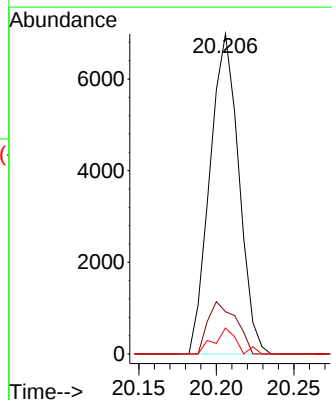
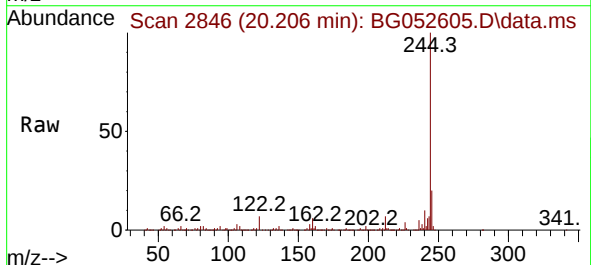
Instrument :
BNA_G
ClientSampleId :
SB-10

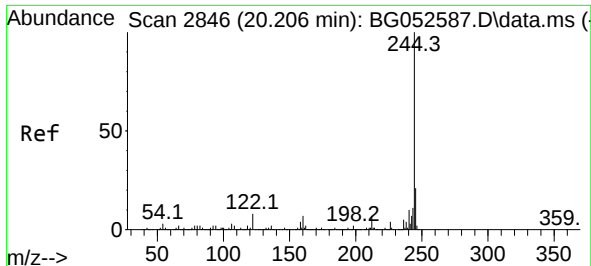
Tgt Ion:240 Resp: 211892
Ion Ratio Lower Upper
240 100
120 5.9 4.4 6.6
236 27.1 20.8 31.2



#77
Benzidine
Concen: 2.004 ng
RT: 20.206 min Scan# 2846
Delta R.T. 0.376 min
Lab File: BG052605.D
Acq: 8 Mar 2022 15:25

Tgt Ion:184 Resp: 9081
Ion Ratio Lower Upper
184 100
185 13.2 11.8 17.8
183 8.1 9.8 14.6#

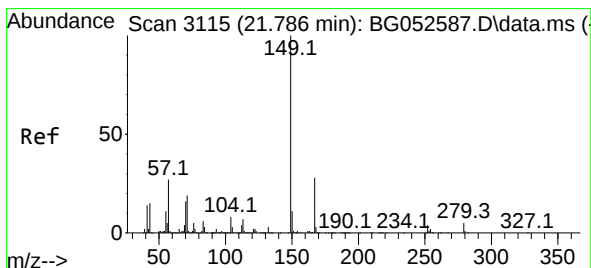
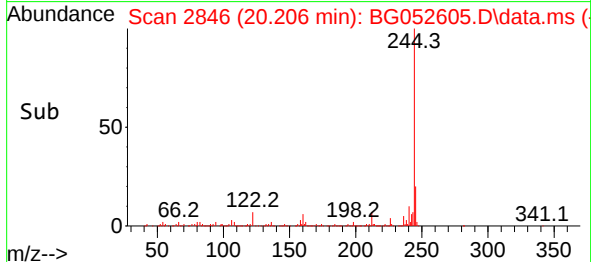
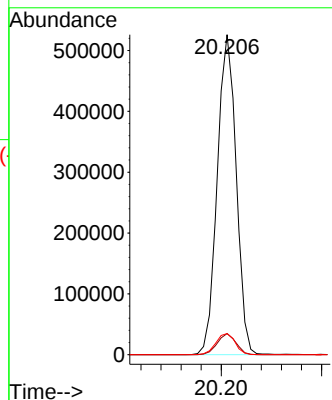
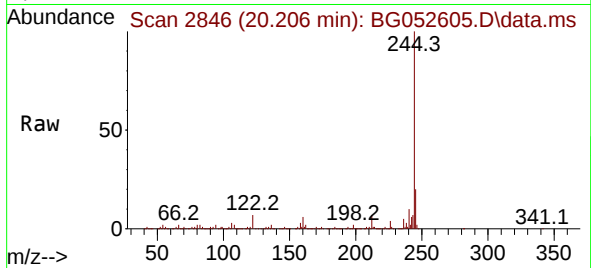




#79
 Terphenyl-d14
 Concen: 58.245 ng
 RT: 20.206 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG052605.D
 Acq: 8 Mar 2022 15:25

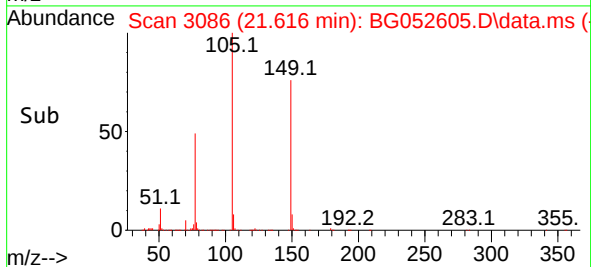
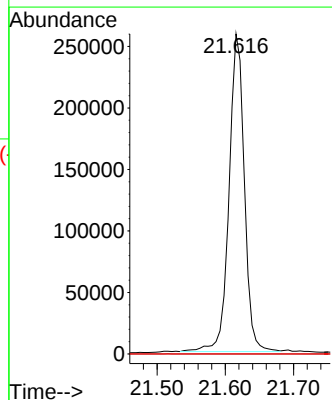
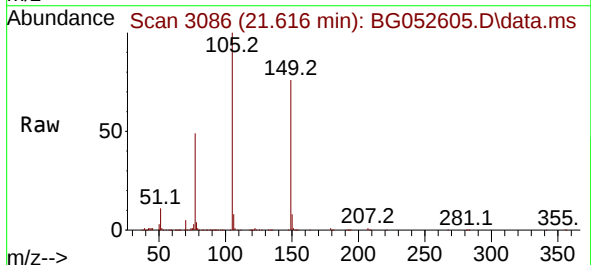
Instrument :
 BNA_G
 ClientSampleId :
 SB-10

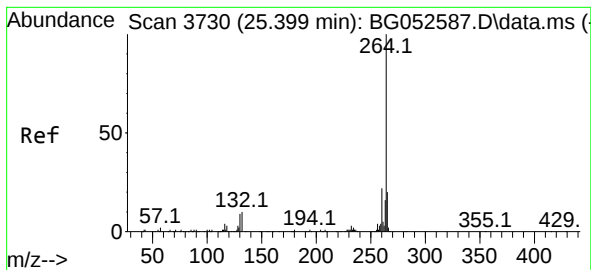
Tgt Ion:244 Resp: 689185
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 6.6 6.2 9.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.851 ng
 RT: 21.616 min Scan# 3086
 Delta R.T. -0.171 min
 Lab File: BG052605.D
 Acq: 8 Mar 2022 15:25

Tgt Ion:149 Resp: 403415
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 4.2 6.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.387 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG052605.D

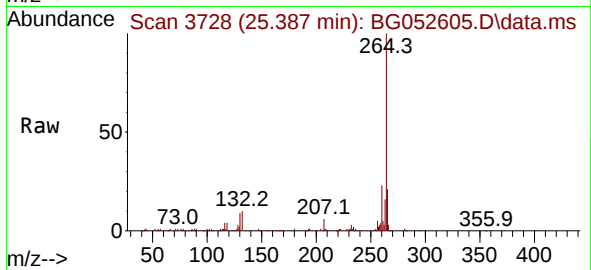
Acq: 8 Mar 2022 15:25

Instrument :

BNA_G

ClientSampleId :

SB-10



Tgt Ion:264 Resp: 225848

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.2 17.8 26.6

