

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052345.D
 Acq On : 9 Feb 2022 21:33
 Operator : CG/JU
 Sample : N1424-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DB-10(13-15)-02-04-22

Quant Time: Feb 10 00:09:38 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)

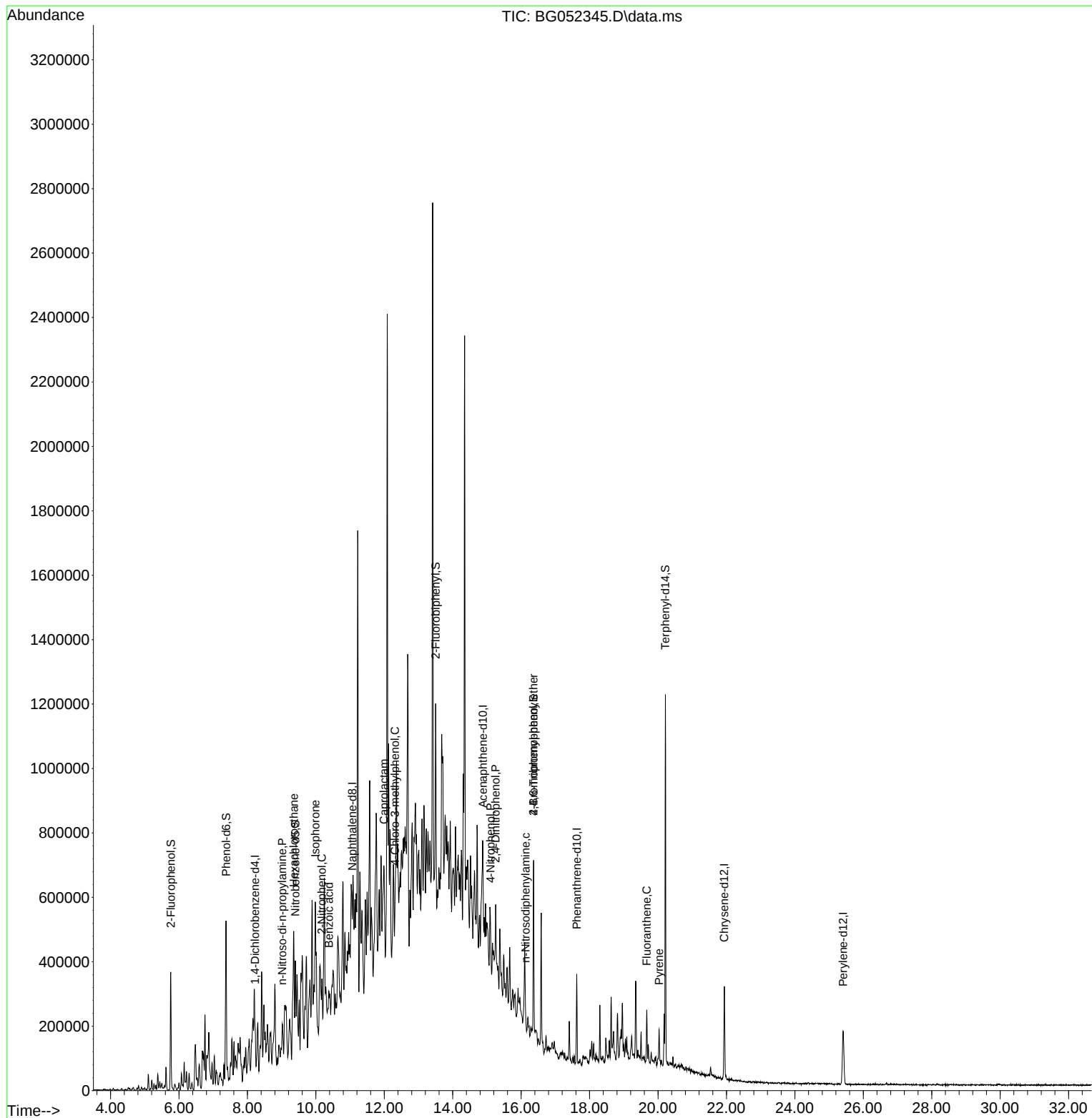
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	26109	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	101730	20.000	ng	# 0.00
39) Acenaphthene-d10	14.881	164	71074	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	170163	20.000	ng	0.00
76) Chrysene-d12	21.937	240	185522	20.000	ng	0.00
86) Perylene-d12	25.408	264	201435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	153333	102.355	ng	0.00
7) Phenol-d6	7.374	99	212456	91.916	ng	0.00
23) Nitrobenzene-d5	9.401	82	151509	64.728	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	105786	103.601	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	292641	57.213	ng	0.00
79) Terphenyl-d14	20.215	244	566687	53.939	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.354	117	3740	5.619	ng	# 1
19) n-Nitroso-di-n-propyla...	9.013	70	6327	3.631	ng	# 86
25) Isophorone	9.982	82	46703	11.726	ng	# 1
26) 2-Nitrophenol	10.176	139	4317	4.587	ng	# 2
32) Benzoic acid	10.382	122	1222	7.164	ng	# 1
35) Caprolactam	11.991	113	2649	4.352	ng	# 1
36) 4-Chloro-3-methylphenol	12.308	107	5002	2.633	ng	# 25
54) 2,4-Dinitrophenol	15.251	184	499	5.546	ng	# 1
56) 4-Nitrophenol	15.105	139	6006	6.549	ng	# 31
66) n-Nitrosodiphenylamine	16.127	169	16416	3.501	ng	# 43
67) 4-Bromophenyl-phenylether	16.362	248	6567	3.173	ng	# 1
75) Fluoranthene	19.669	202	90275	8.082	ng	98
78) Pyrene	20.033	202	73289	5.904	ng	96

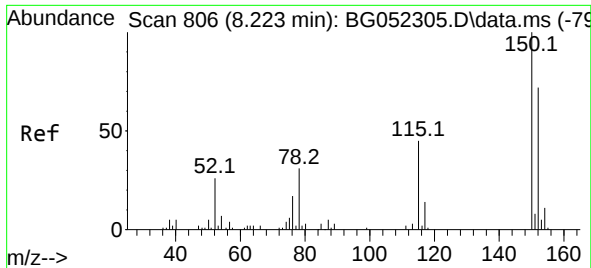
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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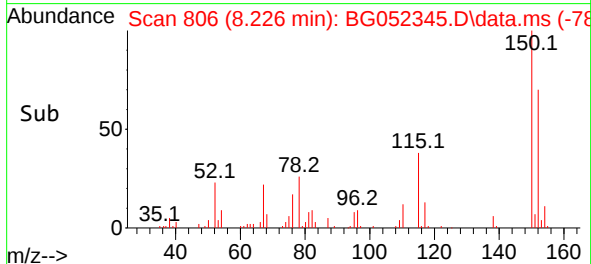
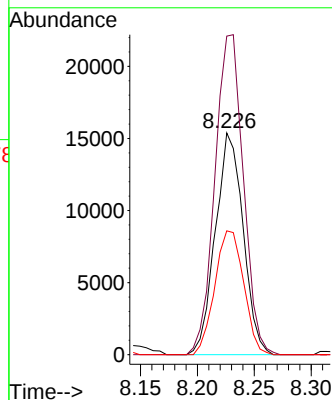
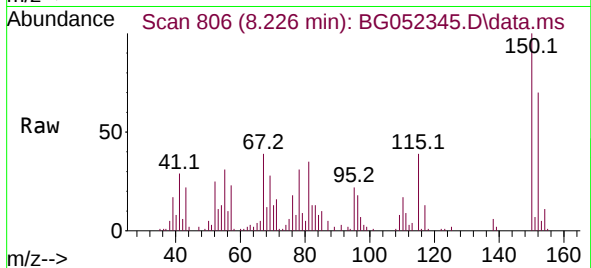




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

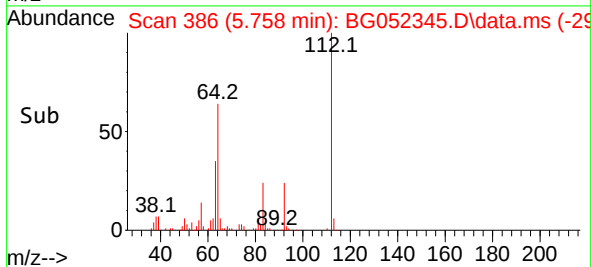
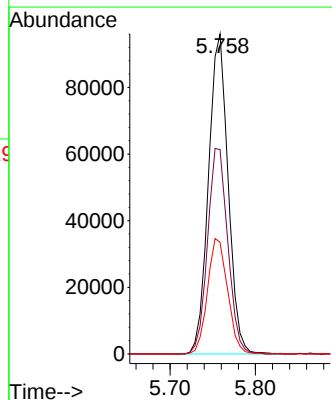
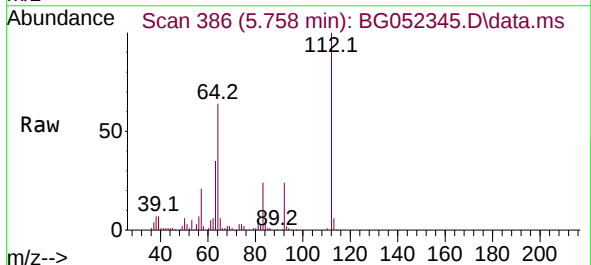
Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

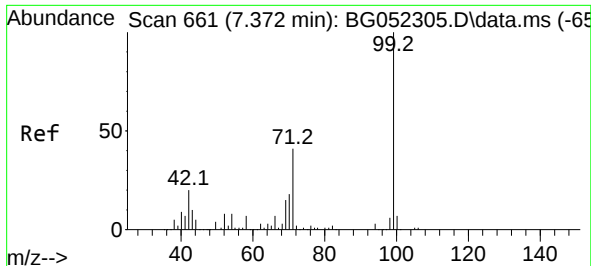
Tgt Ion:152 Resp: 26109
Ion Ratio Lower Upper
152 100
150 143.6 117.8 176.8
115 55.9 50.2 75.2



#5
2-Fluorophenol
Concen: 102.355 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.008 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

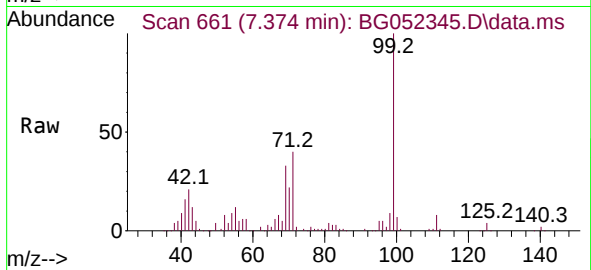
Tgt Ion:112 Resp: 153333
Ion Ratio Lower Upper
112 100
64 63.8 60.4 90.6
63 34.9 33.3 49.9



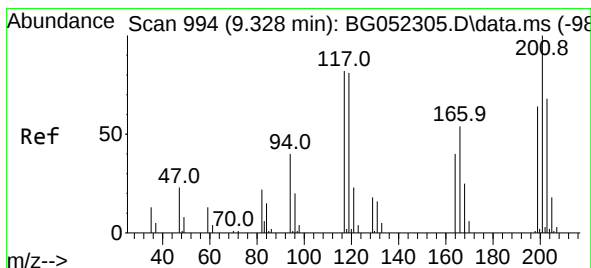
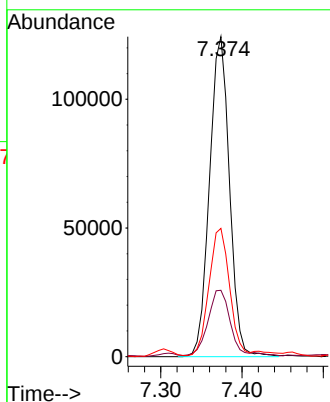
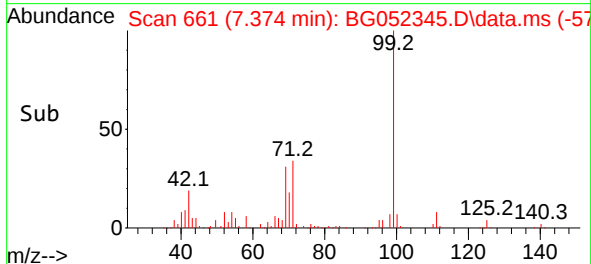


#7
Phenol-d6
Concen: 91.916 ng
RT: 7.374 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

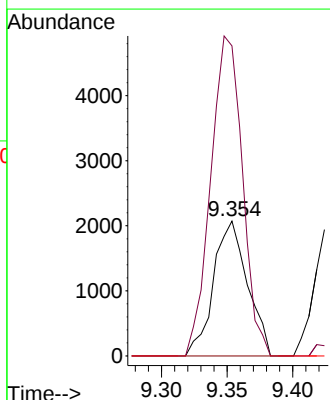
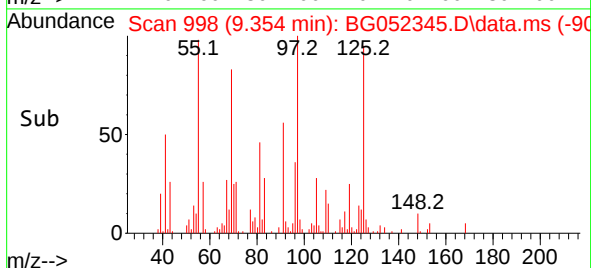
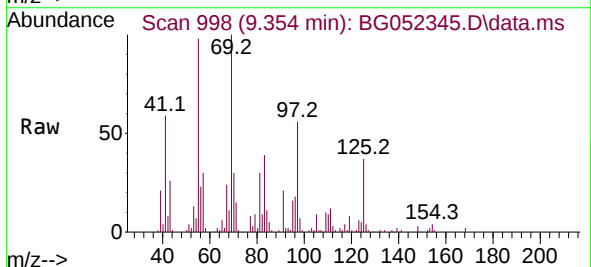


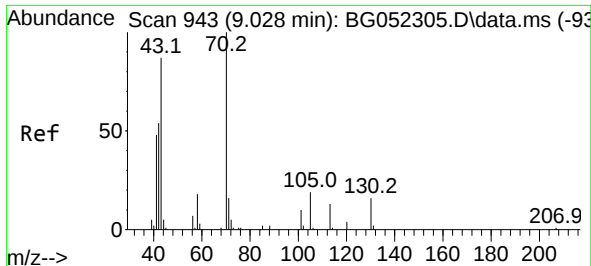
Tgt Ion: 99 Resp: 212456
Ion Ratio Lower Upper
99 100
42 20.8 19.1 28.7
71 40.1 33.4 50.2



#18
Hexachloroethane
Concen: 5.619 ng
RT: 9.354 min Scan# 998
Delta R.T. 0.026 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

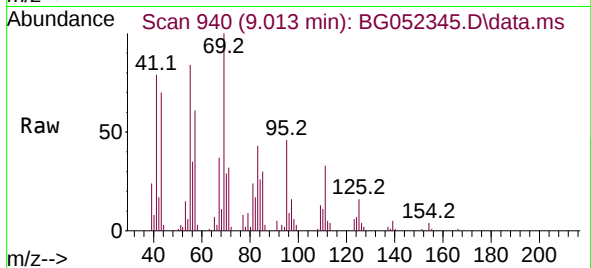
Tgt Ion: 117 Resp: 3740
Ion Ratio Lower Upper
117 100
119 229.8 73.5 110.3#
201 0.0 91.0 136.6#



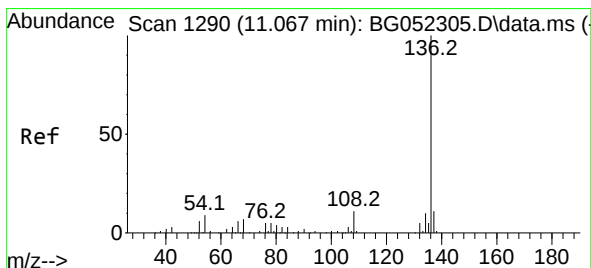
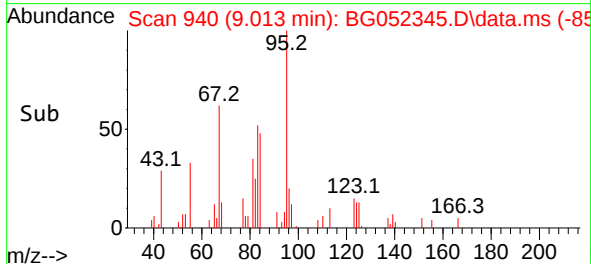
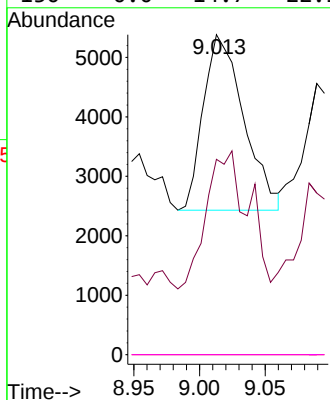


#19
n-Nitroso-di-n-propylamine
Concen: 3.631 ng
RT: 9.013 min Scan# 943
Delta R.T. -0.015 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

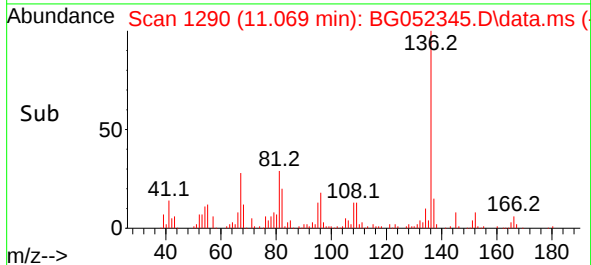
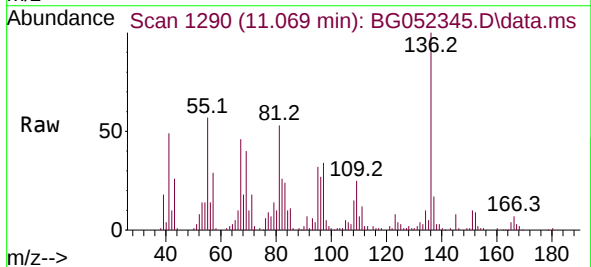
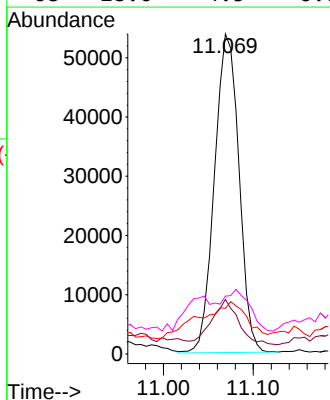


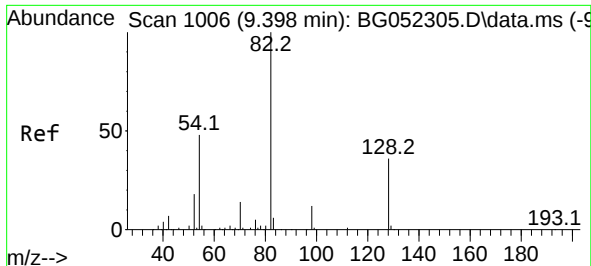
Tgt Ion: 70 Resp: 6327
Ion Ratio Lower Upper
70 100
42 61.1 51.8 77.6
101 0.0 6.6 10.0#
130 0.0 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1290
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion: 136 Resp: 101730
Ion Ratio Lower Upper
136 100
137 17.1 9.1 13.7#
54 14.3 8.3 12.5#
68 18.0 4.5 6.7#

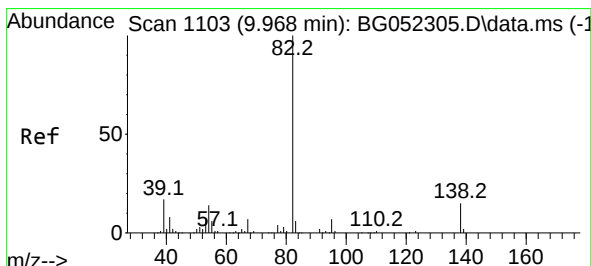
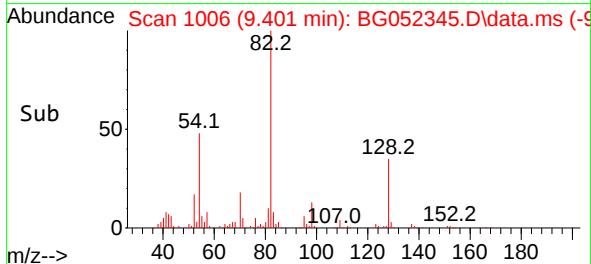
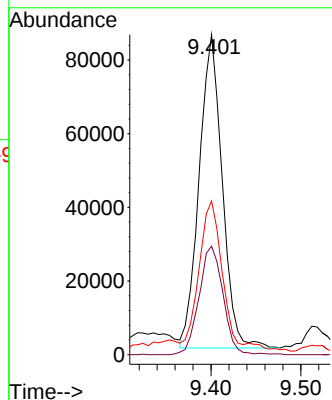
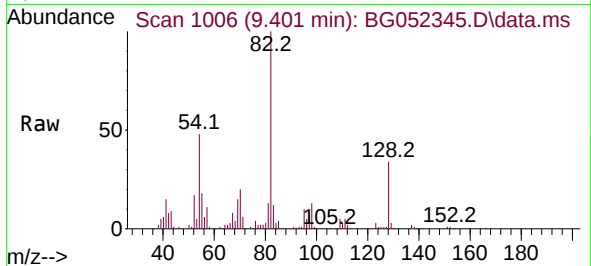




#23
Nitrobenzene-d5
Concen: 64.728 ng
RT: 9.401 min Scan# 1105
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

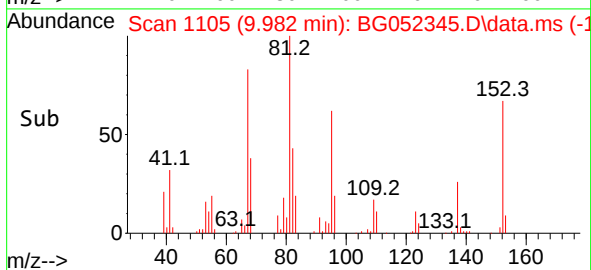
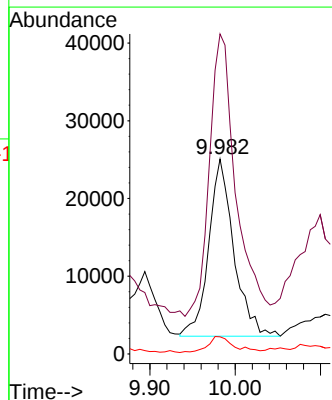
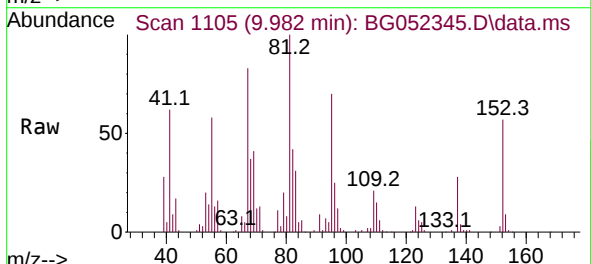
Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

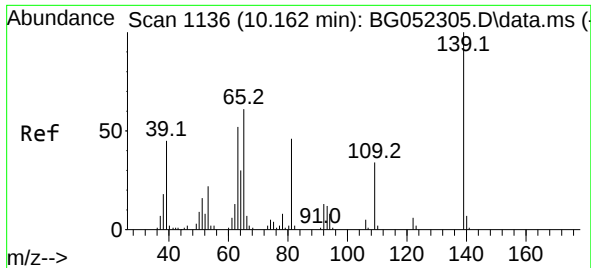
Tgt Ion: 82 Resp: 151509
Ion Ratio Lower Upper
82 100
128 33.9 27.0 40.4
54 48.0 41.0 61.6



#25
Isophorone
Concen: 11.726 ng
RT: 9.982 min Scan# 1105
Delta R.T. 0.014 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion: 82 Resp: 46703
Ion Ratio Lower Upper
82 100
95 164.3 6.6 9.8#
138 8.8 12.5 18.7#

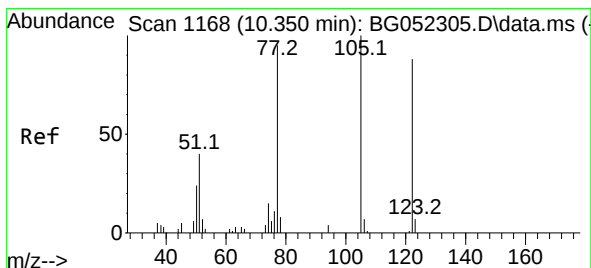
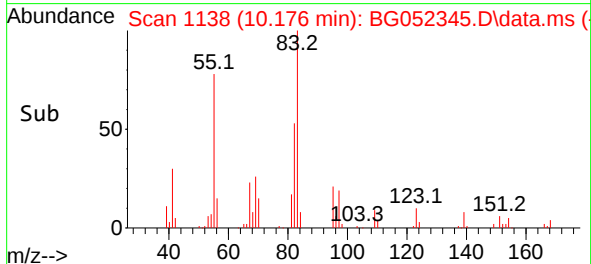
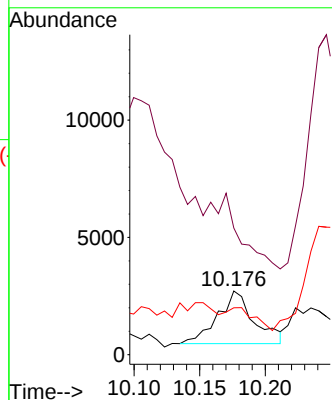
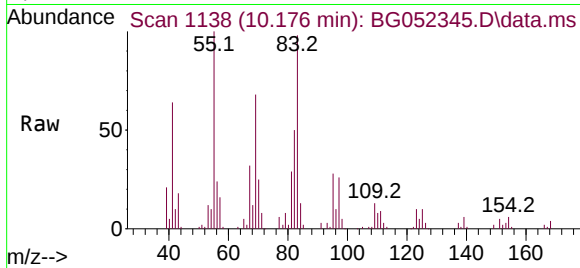




#26
2-Nitrophenol
Concen: 4.587 ng
RT: 10.176 min Scan# 1138
Delta R.T. 0.014 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

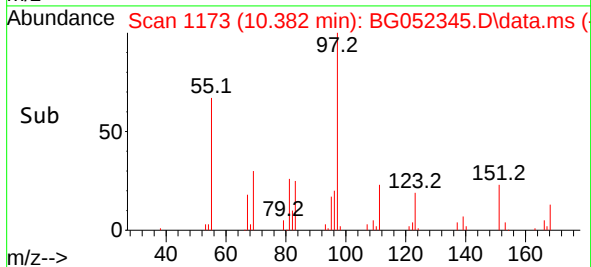
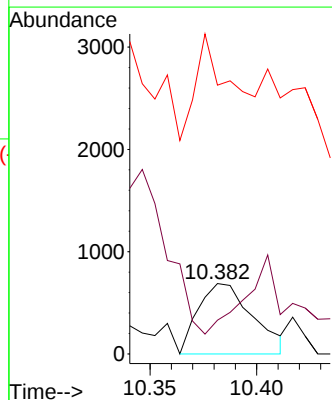
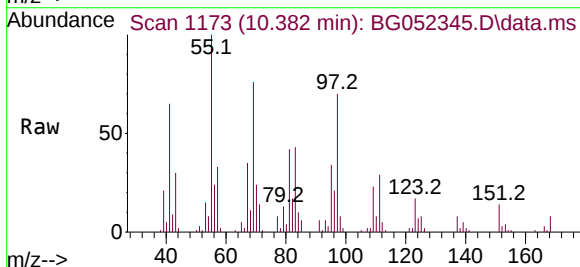
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ClientSampleId :
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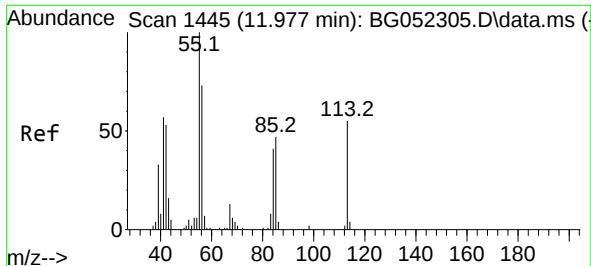
Tgt Ion:139 Resp: 4317
Ion Ratio Lower Upper
139 100
109 199.0 30.4 45.6#
65 73.7 55.7 83.5



#32
Benzoic acid
Concen: 7.164 ng
RT: 10.382 min Scan# 1173
Delta R.T. 0.032 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion:122 Resp: 1222
Ion Ratio Lower Upper
122 100
105 47.9 109.2 149.2#
77 381.4 92.8 132.8#

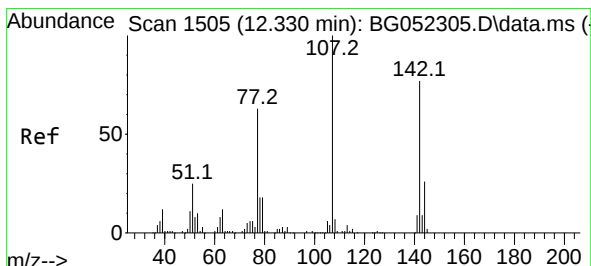
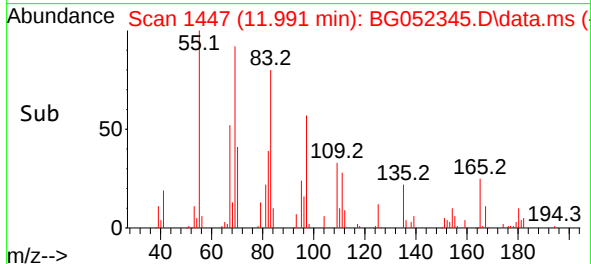
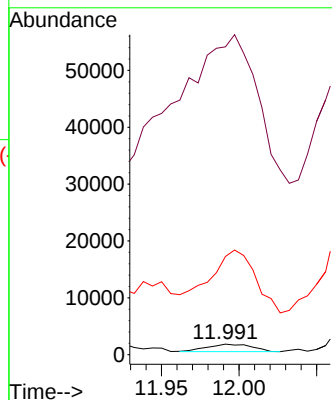
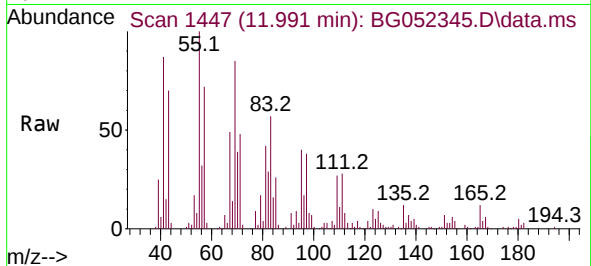




#35
Caprolactam
Concen: 4.352 ng
RT: 11.991 min Scan# 1447
Delta R.T. 0.014 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

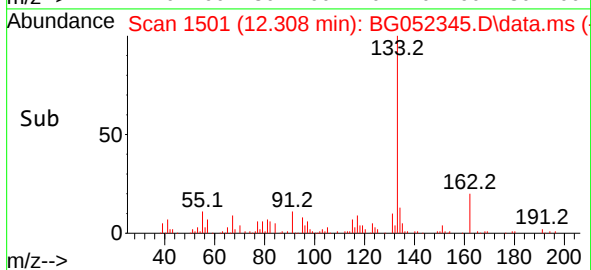
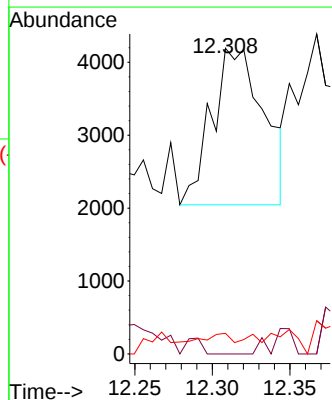
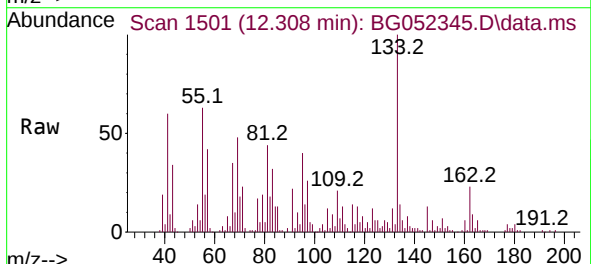
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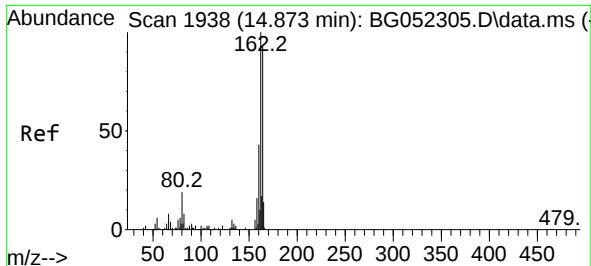
Tgt Ion:113 Resp: 2649
Ion Ratio Lower Upper
113 100
55 2928.7 161.4 201.4#
56 934.6 132.6 172.6#



#36
4-Chloro-3-methylphenol
Concen: 2.633 ng
RT: 12.308 min Scan# 1501
Delta R.T. -0.021 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion:107 Resp: 5002
Ion Ratio Lower Upper
107 100
144 0.0 19.3 28.9#
142 6.7 63.9 95.9#

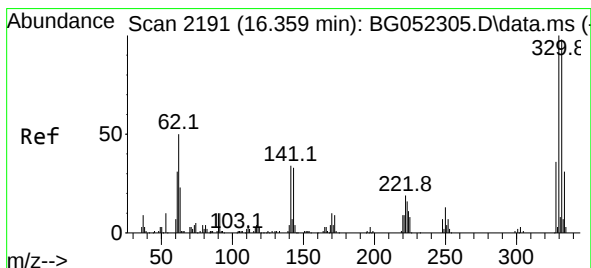
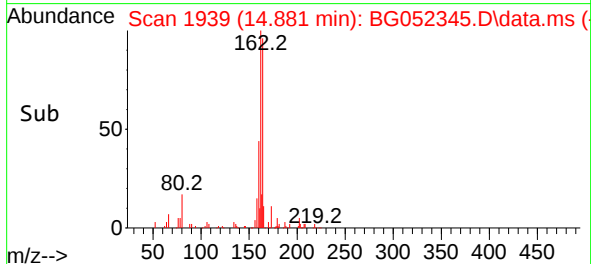
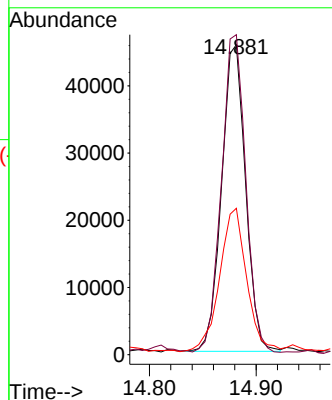
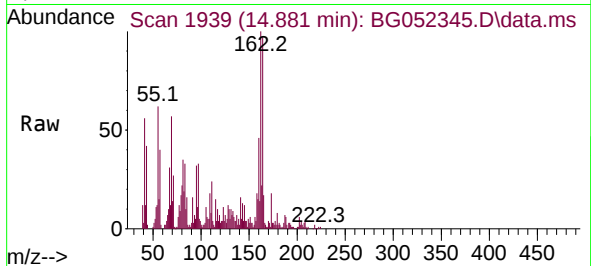




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1939
Delta R.T. 0.008 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

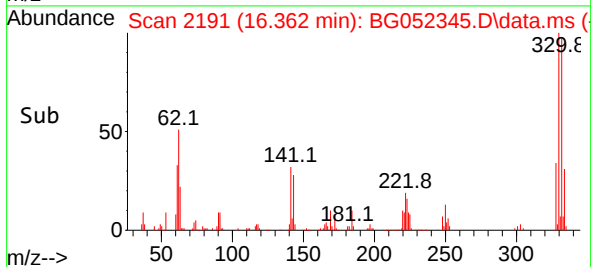
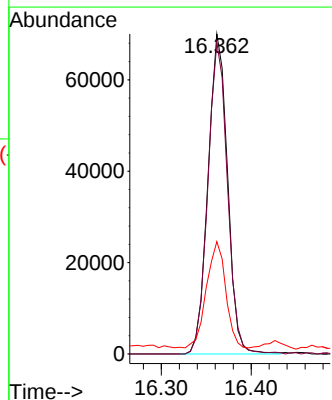
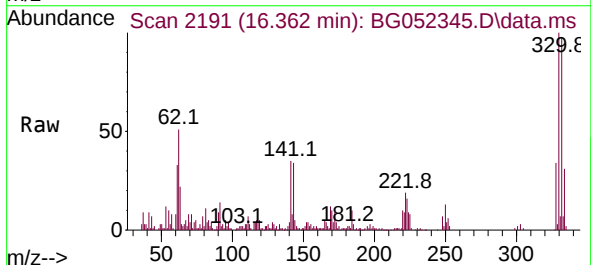
Instrument :
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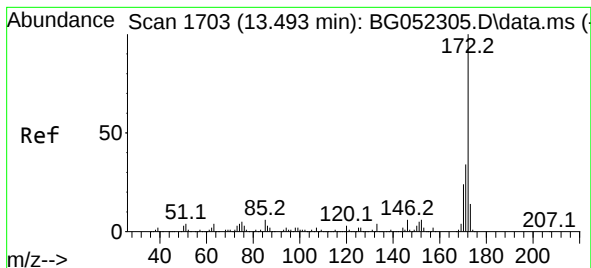
Tgt Ion:164 Resp: 71074
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 47.2 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 103.601 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.003 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion:330 Resp: 105786
Ion Ratio Lower Upper
330 100
332 97.4 78.6 117.8
141 32.8 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 57.213 ng

RT: 13.501 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG052345.D

Acq: 9 Feb 2022 21:33

Instrument :

BNA_G

ClientSampleId :

DB-10(13-15)-02-04-22

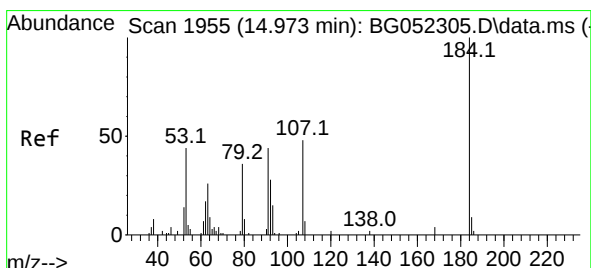
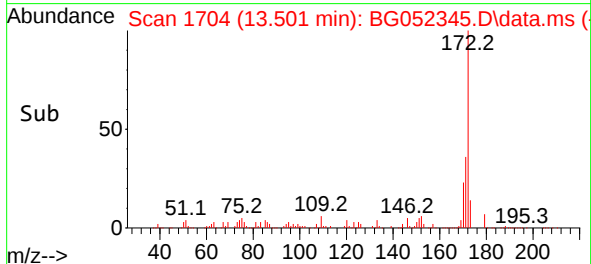
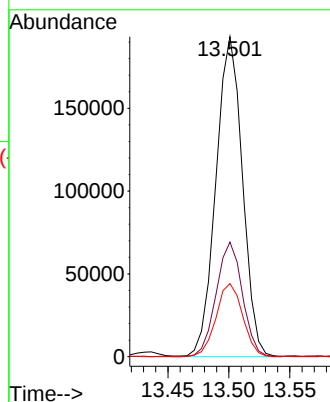
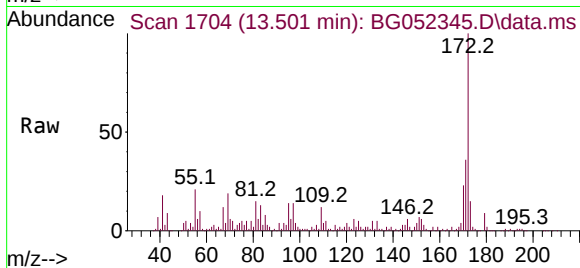
Tgt Ion:172 Resp: 292641

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 22.9 18.3 27.5



#54

2,4-Dinitrophenol

Concen: 5.546 ng

RT: 15.251 min Scan# 2002

Delta R.T. 0.278 min

Lab File: BG052345.D

Acq: 9 Feb 2022 21:33

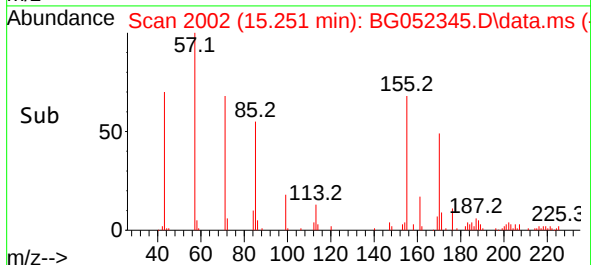
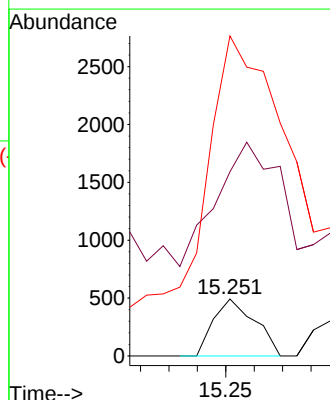
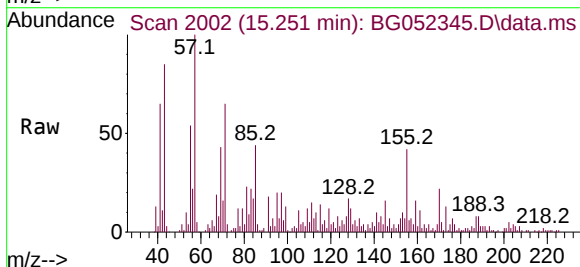
Tgt Ion:184 Resp: 499

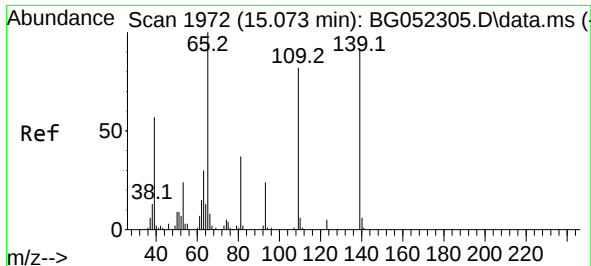
Ion Ratio Lower Upper

184 100

63 323.4 56.0 84.0#

154 562.0 50.2 75.2#

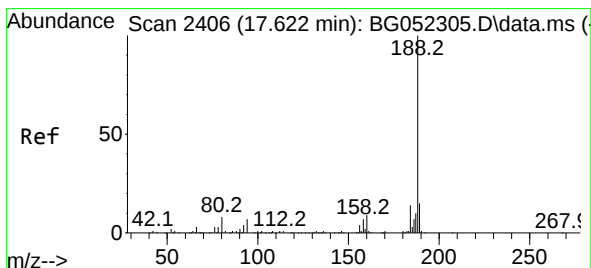
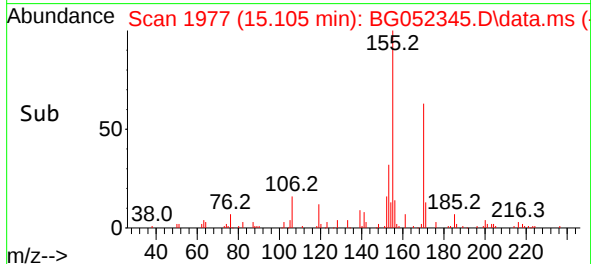
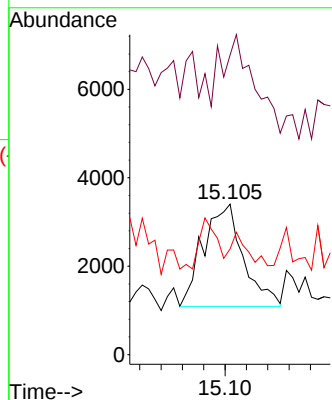
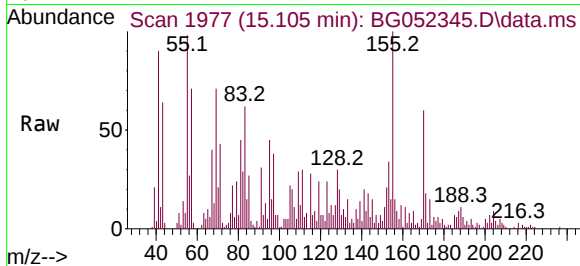




#56
4-Nitrophenol
Concen: 6.549 ng
RT: 15.105 min Scan# 1972
Delta R.T. 0.032 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

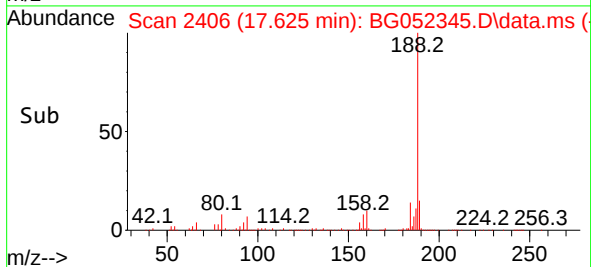
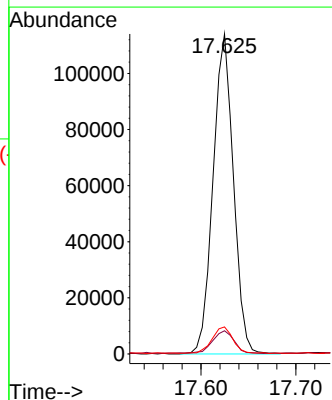
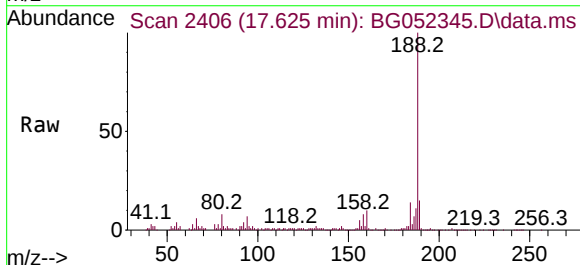
Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

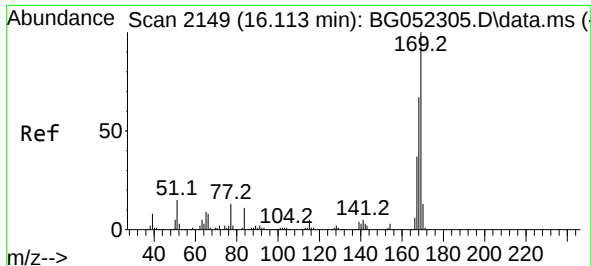
Tgt Ion:139 Resp: 6006
Ion Ratio Lower Upper
139 100
109 199.2 84.9 124.9#
65 70.2 109.9 149.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion:188 Resp: 170163
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 8.5 6.6 10.0

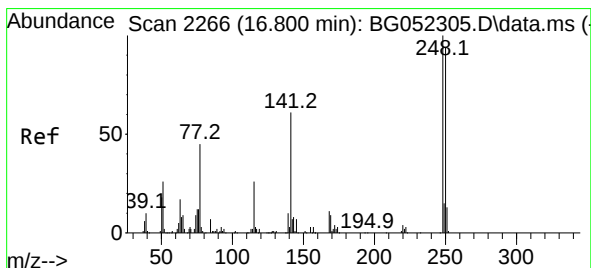
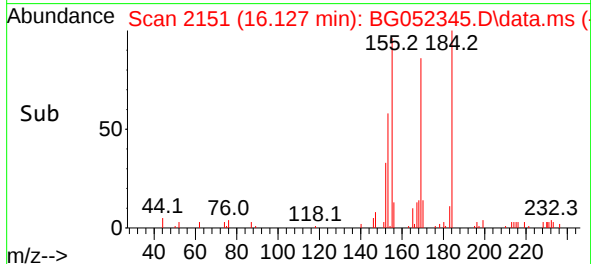
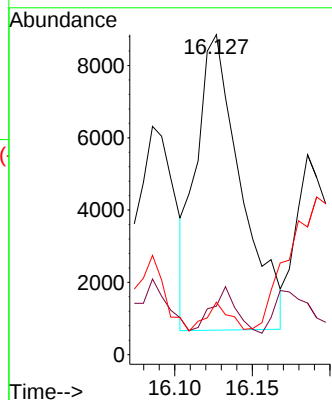
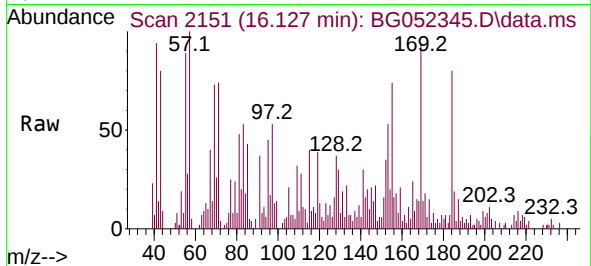




#66
n-Nitrosodiphenylamine
Concen: 3.501 ng
RT: 16.127 min Scan# 2149
Delta R.T. 0.014 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

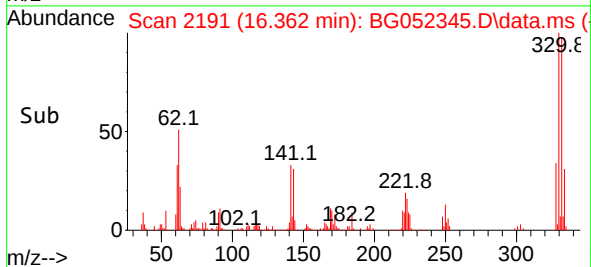
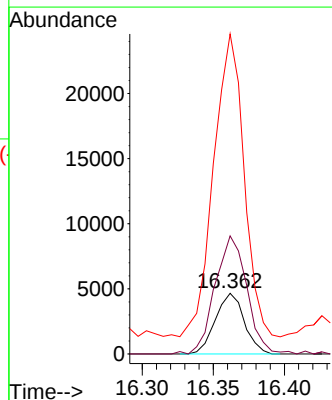
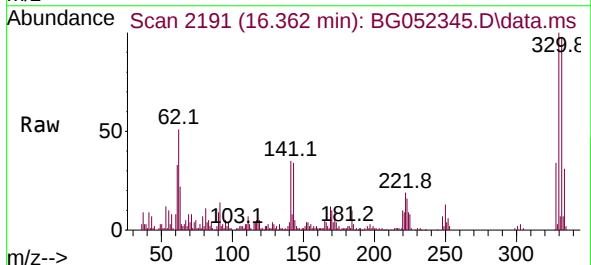
Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

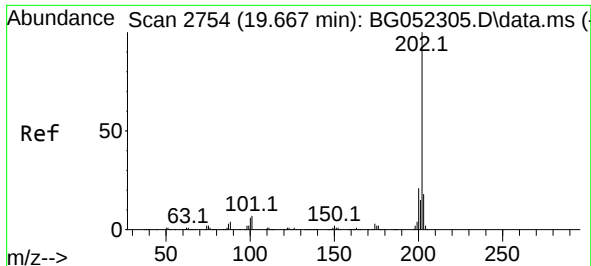
Tgt Ion:169 Resp: 16416
Ion Ratio Lower Upper
169 100
168 15.1 57.4 86.0#
167 16.4 29.5 44.3#



#67
4-Bromophenyl-phenylether
Concen: 3.173 ng
RT: 16.362 min Scan# 2191
Delta R.T. -0.438 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion:248 Resp: 6567
Ion Ratio Lower Upper
248 100
250 194.4 79.6 119.4#
141 527.0 54.6 81.8#

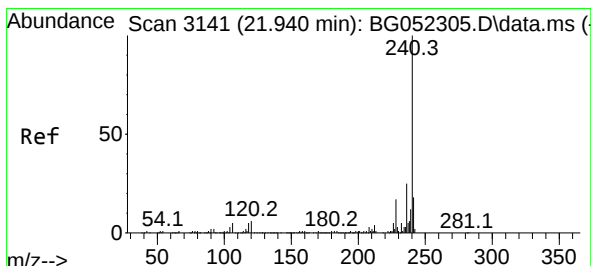
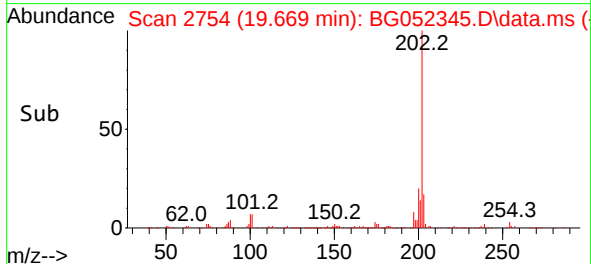
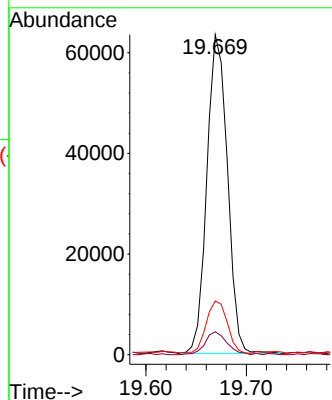
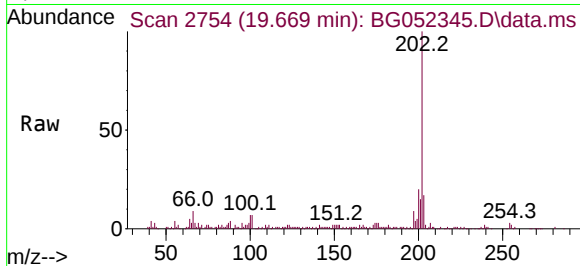




#75
Fluoranthene
Concen: 8.082 ng
RT: 19.669 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

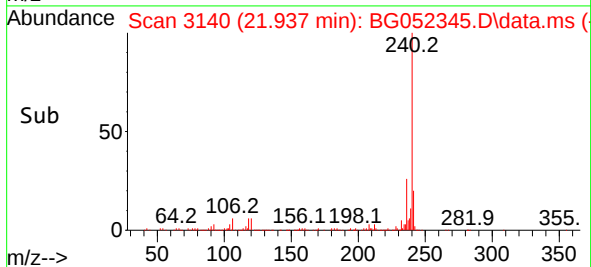
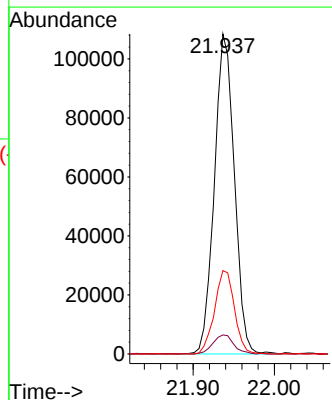
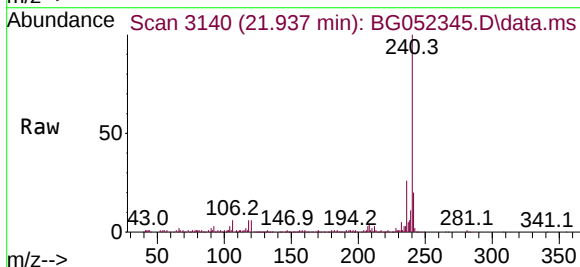
Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

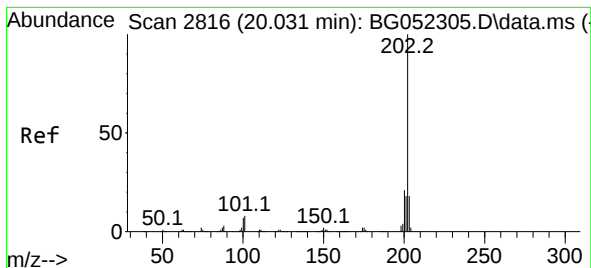
Tgt Ion:202 Resp: 90275
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.1
203 16.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion:240 Resp: 185522
Ion Ratio Lower Upper
240 100
120 5.9 4.4 6.6
236 26.0 20.8 31.2





#78

Pyrene

Concen: 5.904 ng

RT: 20.033 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG052345.D

Acq: 9 Feb 2022 21:33

Instrument :

BNA_G

ClientSampleId :

DB-10(13-15)-02-04-22

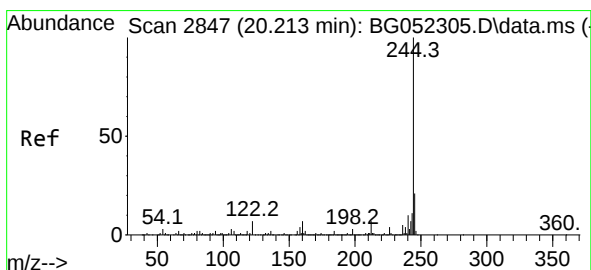
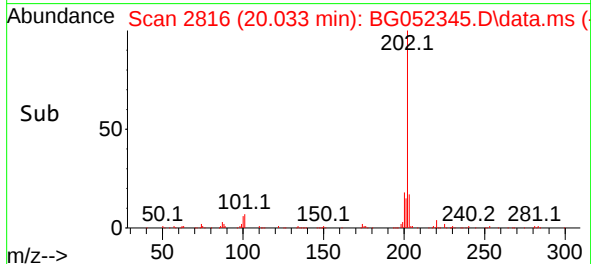
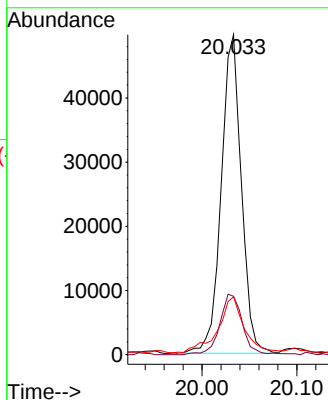
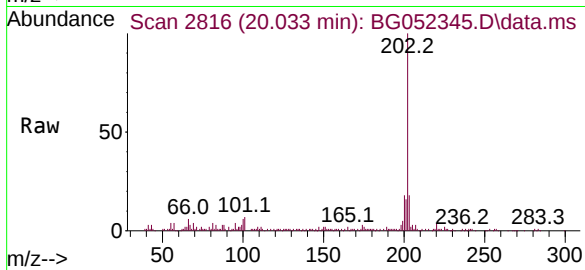
Tgt Ion:202 Resp: 73289

Ion Ratio Lower Upper

202 100

200 18.3 17.4 26.2

203 18.1 14.5 21.7



#79

Terphenyl-d14

Concen: 53.939 ng

RT: 20.215 min Scan# 2847

Delta R.T. 0.002 min

Lab File: BG052345.D

Acq: 9 Feb 2022 21:33

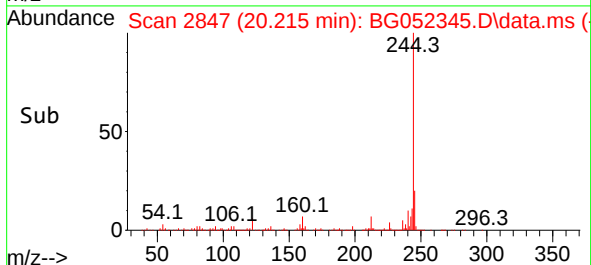
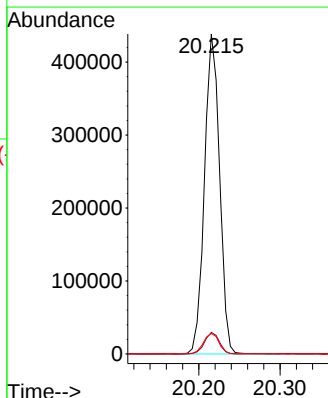
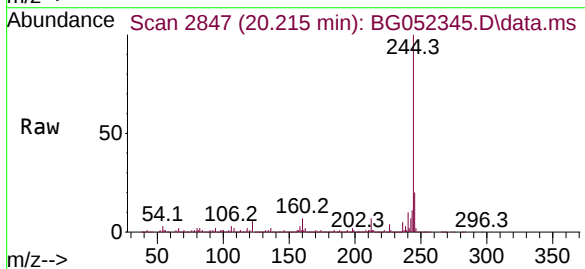
Tgt Ion:244 Resp: 566687

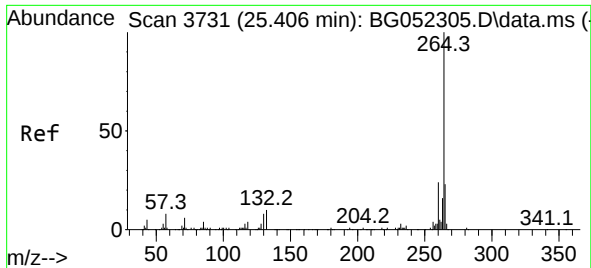
Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

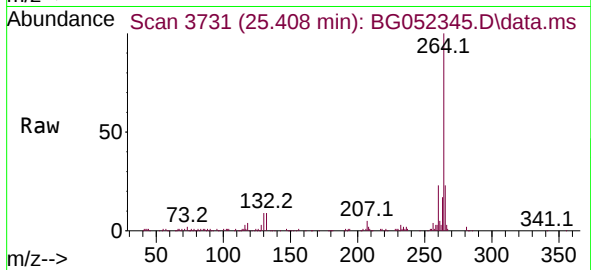
122 6.4 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.408 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22



Tgt Ion:264 Resp: 201435

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	23.2	17.8	26.6

