

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
 Data File : BG052657.D
 Acq On : 11 Mar 2022 21:28
 Operator : CG/JU
 Sample : N1886-04DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 30970DL

Quant Time: Mar 12 06:17:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 06:37:54 2022
 Response via : Initial Calibration

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

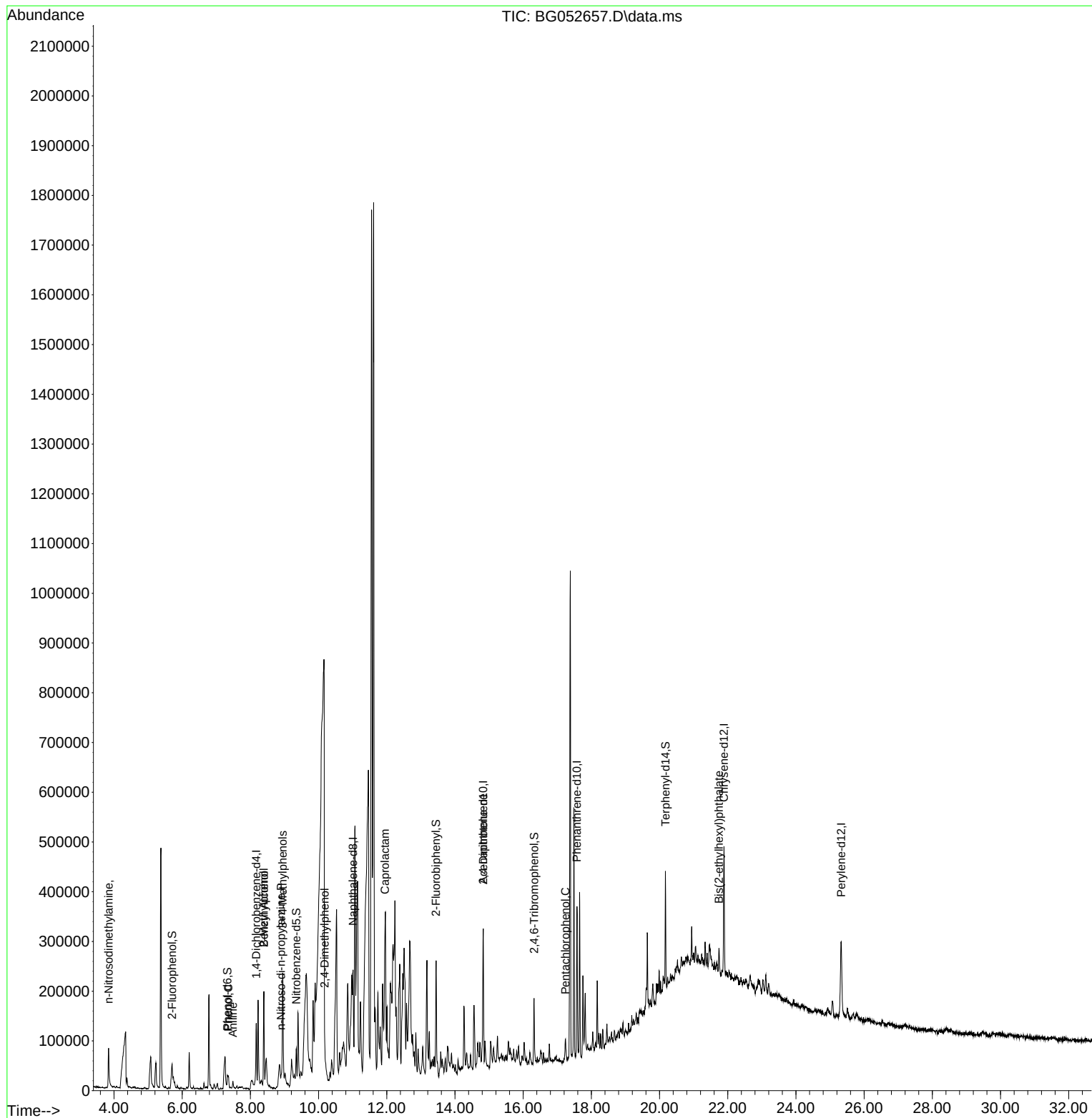
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.171	152	36049	20.000	ng	0.00
21) Naphthalene-d8	11.009	136	138738	20.000	ng	0.00
39) Acenaphthene-d10	14.827	164	91590	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	189457	20.000	ng	0.00
76) Chrysene-d12	21.888	240	169640	20.000	ng	0.00
86) Perylene-d12	25.325	264	175857	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	17079	8.185	ng	0.00
7) Phenol-d6	7.325	99	14026	4.644	ng	0.00
23) Nitrobenzene-d5	9.346	82	45231	14.779	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	26079	20.076	ng	0.00
45) 2-Fluorobiphenyl	13.446	172	99191	14.618	ng	0.00
79) Terphenyl-d14	20.173	244	114863	11.982	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.842	42	4873	4.027	ng	# 1
6) Aniline	7.490	93	10620	3.117	ng	99
10) Phenol	7.355	94	11871	3.974	ng	97
15) Benzyl Alcohol	8.395	79	18641	7.982	ng	# 59
17) 2-Methylphenol	8.395	107	9827	4.972	ng	# 1
19) n-Nitroso-di-n-propyla...	8.900	70	5299	2.593	ng	# 82
20) 3+4-Methylphenols	8.947	107	109642	40.116	ng	96
27) 2,4-Dimethylphenol	10.174	122	7685	4.108	ng	91
35) Caprolactam	11.943	113	7190	9.621	ng	# 1
57) 2,4-Dinitrotoluene	14.827	165	12852	6.005	ng	# 26
70) Pentachlorophenol	17.241	266	8551	11.859	ng	# 82
84) Bis(2-ethylhexyl)phtha...	21.741	149	17813	3.090	ng	93

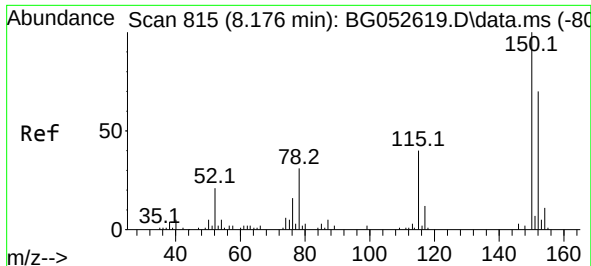
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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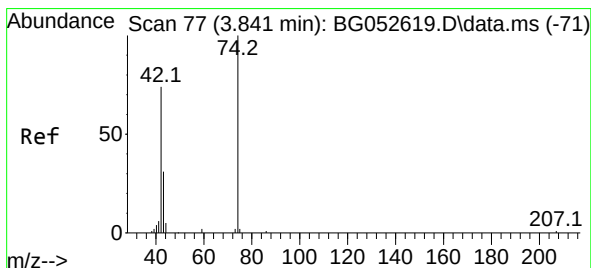
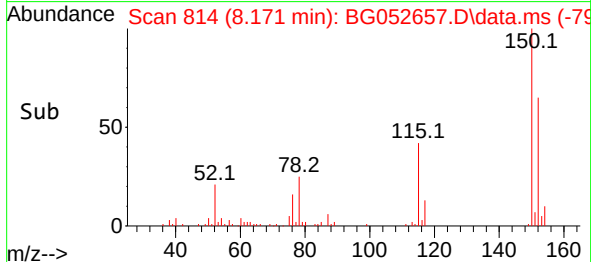
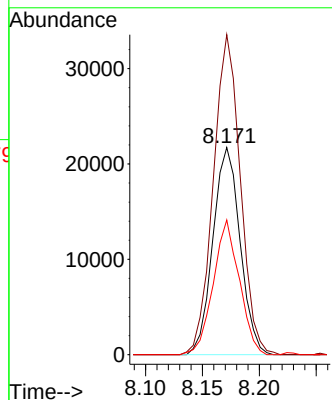
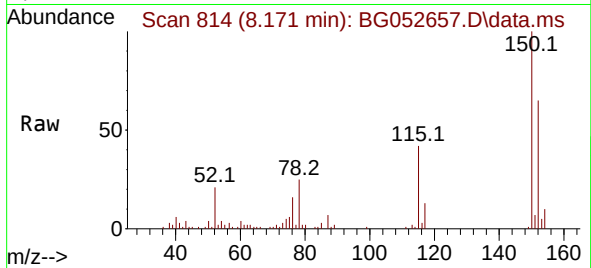




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.171 min Scan# 815
Delta R.T. -0.005 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

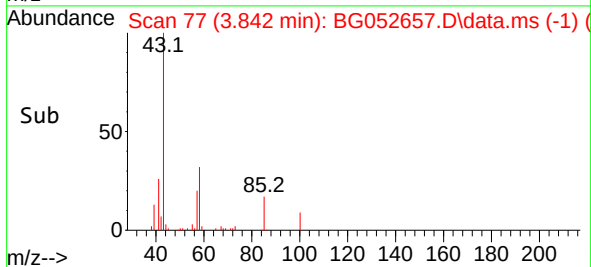
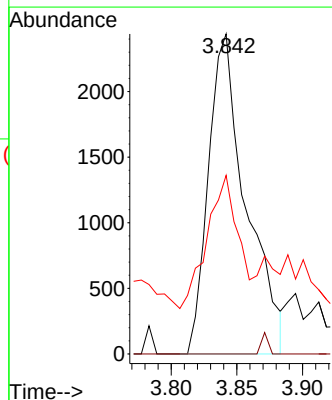
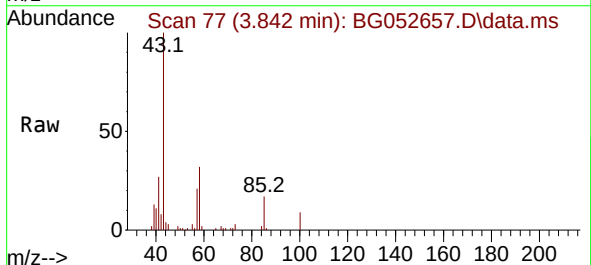
Instrument :
BNA_G
ClientSampleId :
30970DL

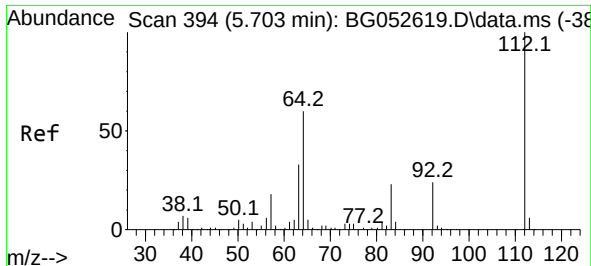
Tgt Ion:152 Resp: 36049
Ion Ratio Lower Upper
152 100
150 154.5 114.6 172.0
115 65.0 45.9 68.9



#4
n-Nitrosodimethylamine
Concen: 4.027 ng
RT: 3.842 min Scan# 77
Delta R.T. 0.001 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

Tgt Ion: 42 Resp: 4873
Ion Ratio Lower Upper
42 100
74 0.0 108.9 163.3#
44 55.8 5.7 8.5#

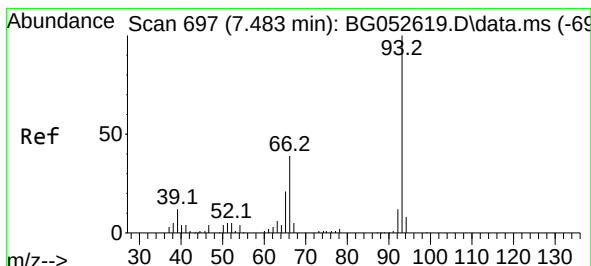
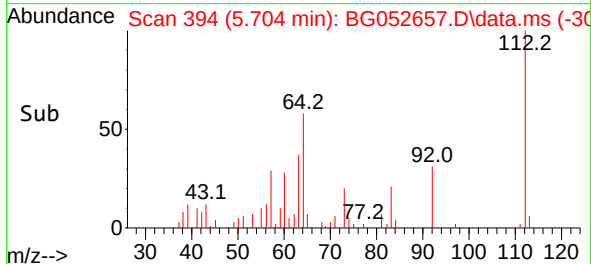
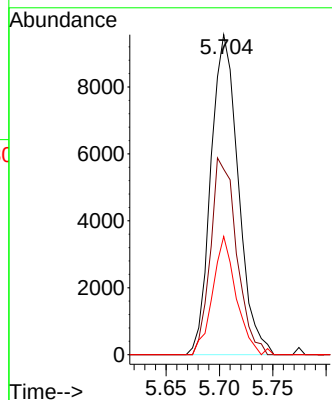
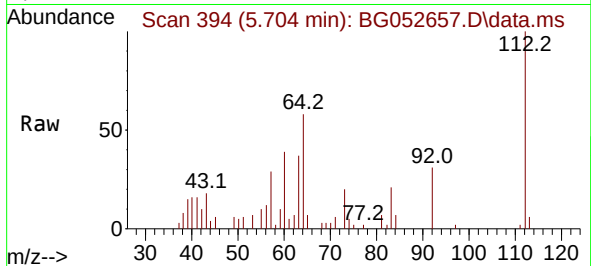




#5
2-Fluorophenol
Concen: 8.185 ng
RT: 5.704 min Scan# 394
Delta R.T. 0.001 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

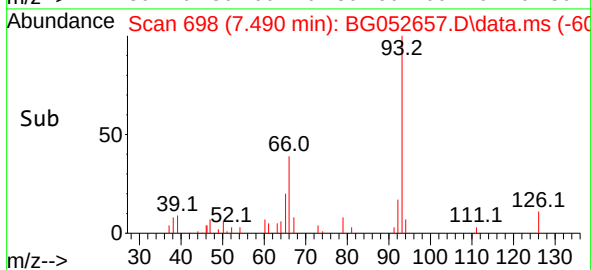
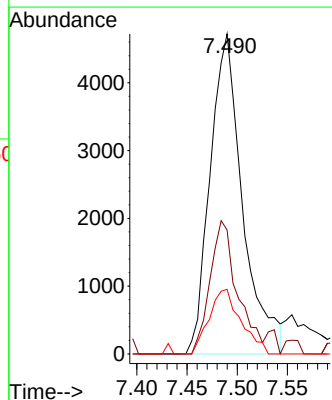
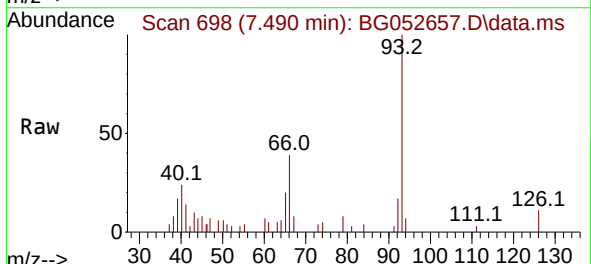
Instrument :
BNA_G
ClientSampleId :
30970DL

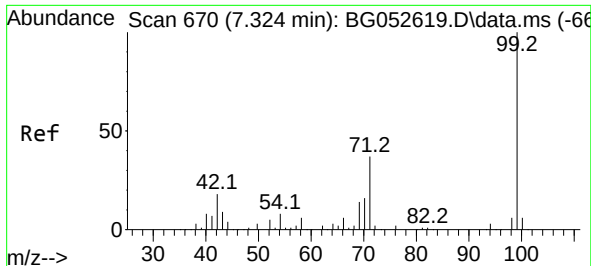
Tgt Ion:112 Resp: 17079
Ion Ratio Lower Upper
112 100
64 57.9 48.0 72.0
63 37.0 26.5 39.7



#6
Aniline
Concen: 3.117 ng
RT: 7.490 min Scan# 698
Delta R.T. 0.007 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

Tgt Ion: 93 Resp: 10620
Ion Ratio Lower Upper
93 100
66 38.8 31.3 46.9
65 20.2 16.7 25.1

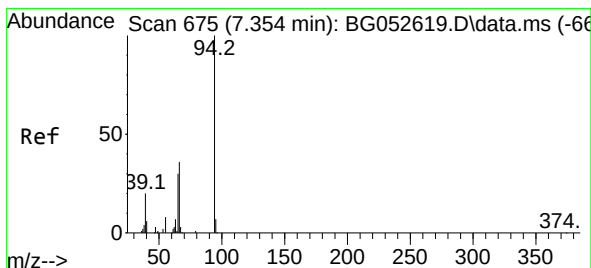
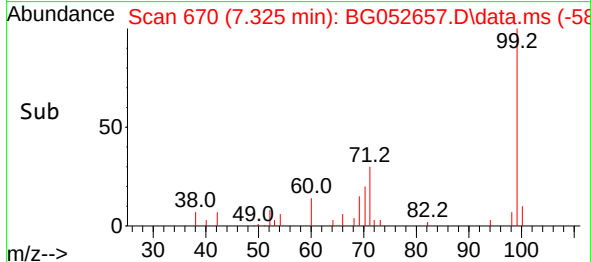
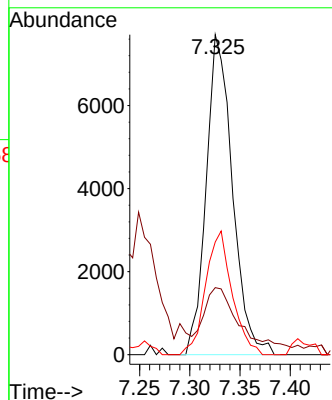
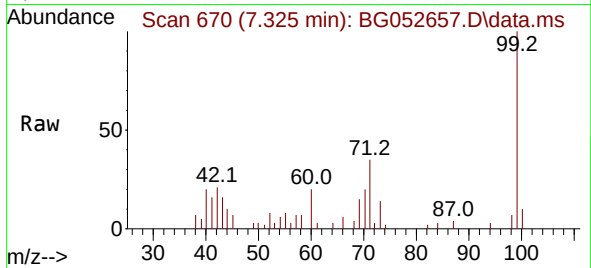




#7
Phenol-d6
Concen: 4.644 ng
RT: 7.325 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

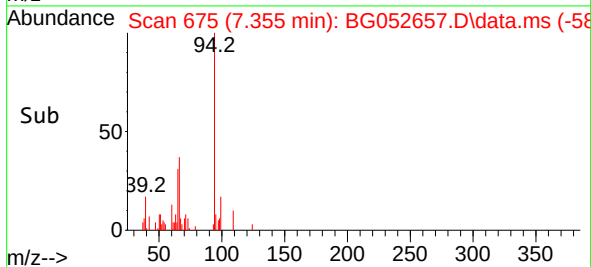
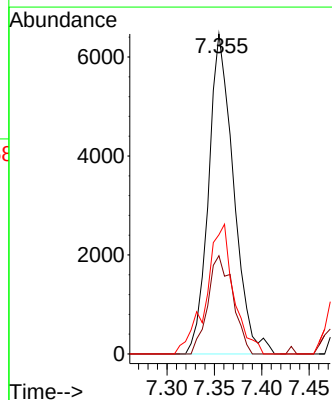
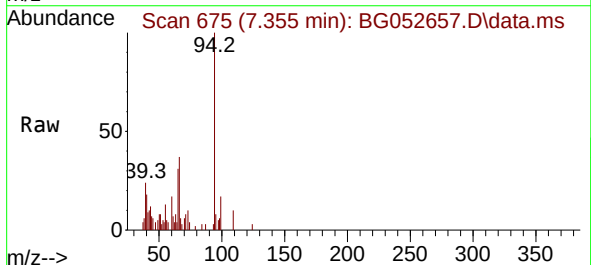
Instrument :
BNA_G
ClientSampleId :
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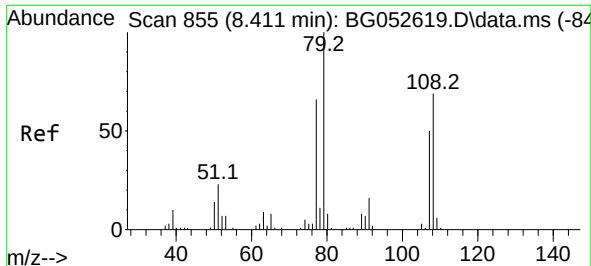
Tgt Ion: 99 Resp: 14026
Ion Ratio Lower Upper
99 100
42 21.0 14.7 22.1
71 35.2 29.2 43.8



#10
Phenol
Concen: 3.974 ng
RT: 7.355 min Scan# 675
Delta R.T. 0.001 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

Tgt Ion: 94 Resp: 11871
Ion Ratio Lower Upper
94 100
65 30.7 11.1 51.1
66 37.3 20.0 60.0

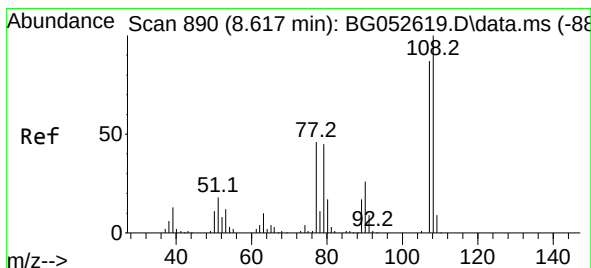
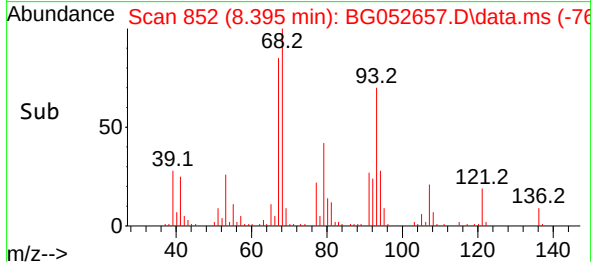
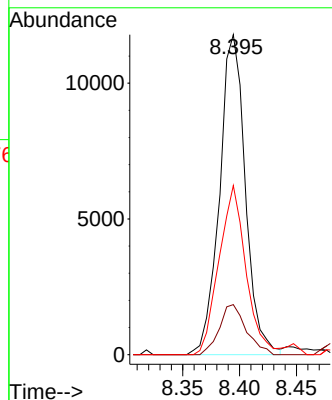
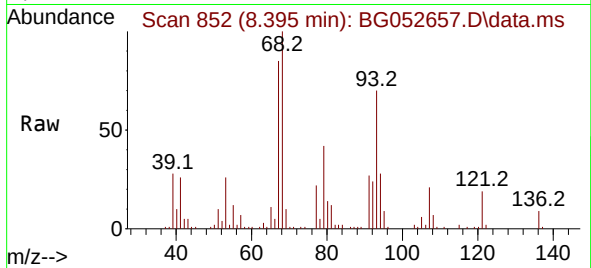




#15
Benzyl Alcohol
Concen: 7.982 ng
RT: 8.395 min Scan# 81
Delta R.T. -0.017 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

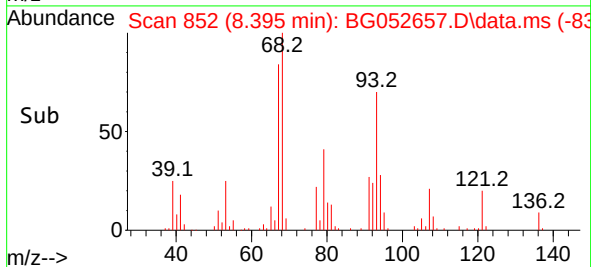
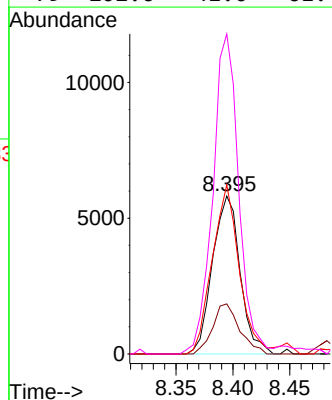
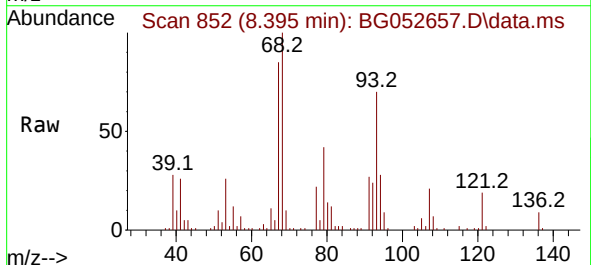
Instrument :
BNA_G
ClientSampleId :
30970DL

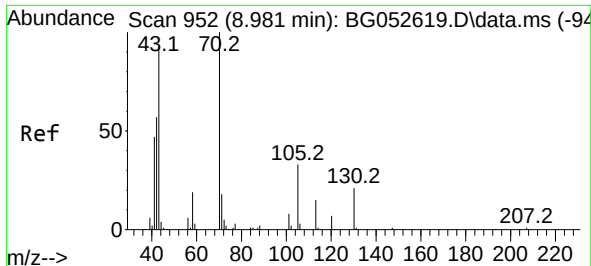
Tgt Ion: 79 Resp: 18641
Ion Ratio Lower Upper
79 100
108 15.6 55.1 82.7#
77 52.9 52.4 78.6



#17
2-Methylphenol
Concen: 4.972 ng
RT: 8.395 min Scan# 852
Delta R.T. -0.222 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

Tgt Ion:107 Resp: 9827
Ion Ratio Lower Upper
107 100
108 31.7 91.5 137.3#
77 107.1 42.5 63.7#
79 202.6 41.0 61.4#

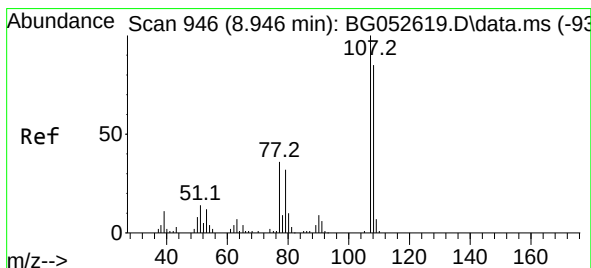
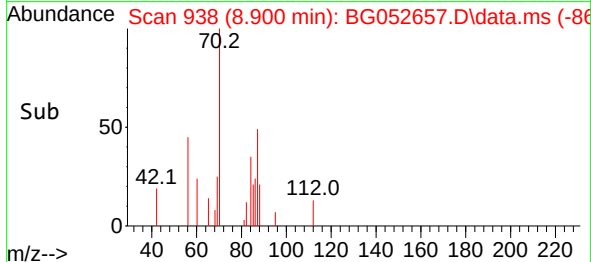
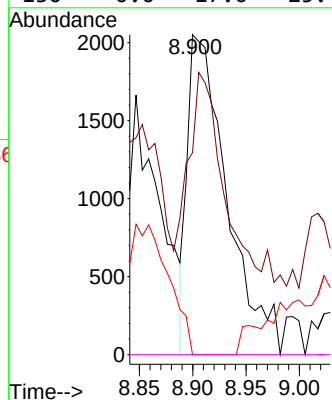
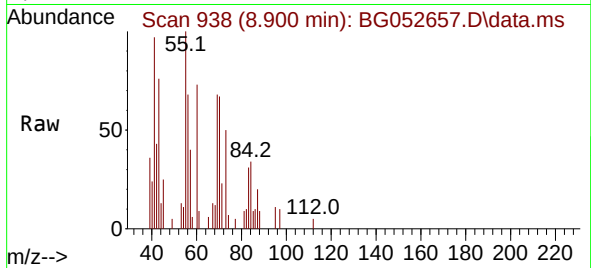




#19
n-Nitroso-di-n-propylamine
Concen: 2.593 ng
RT: 8.900 min Scan# 91
Delta R.T. -0.081 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

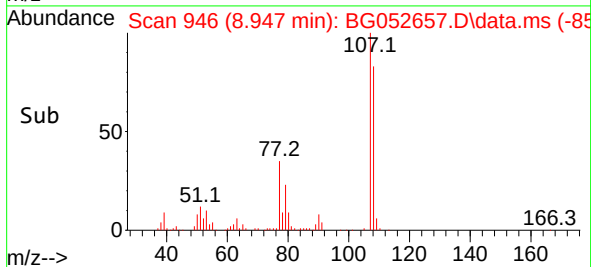
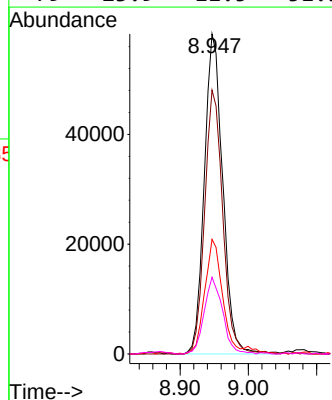
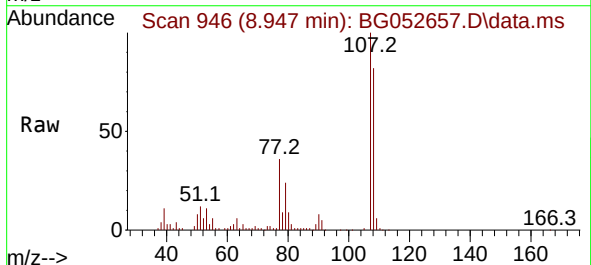
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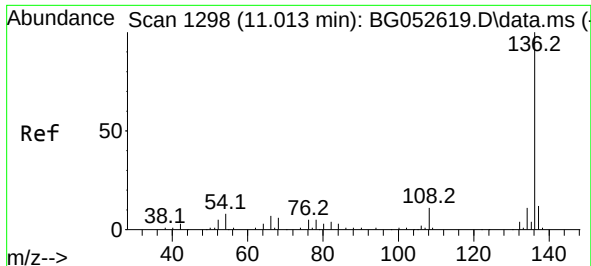
Tgt Ion: 70 Resp: 5299
Ion Ratio Lower Upper
70 100
42 63.1 46.0 69.0
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#



#20
3+4-Methylphenols
Concen: 40.116 ng
RT: 8.947 min Scan# 946
Delta R.T. 0.001 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

Tgt Ion: 107 Resp: 109642
Ion Ratio Lower Upper
107 100
108 82.4 64.8 104.8
77 35.8 15.9 55.9
79 23.9 11.5 51.5

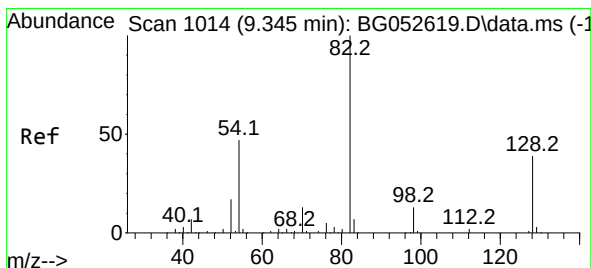
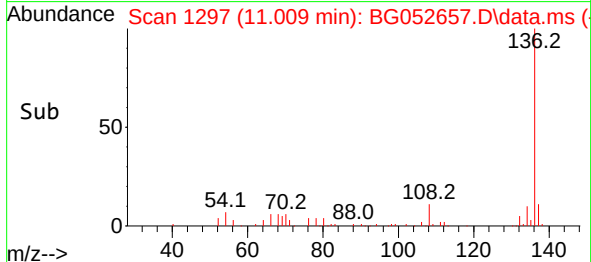
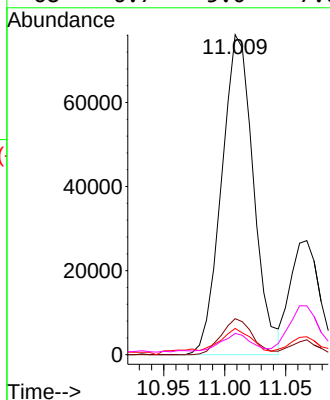
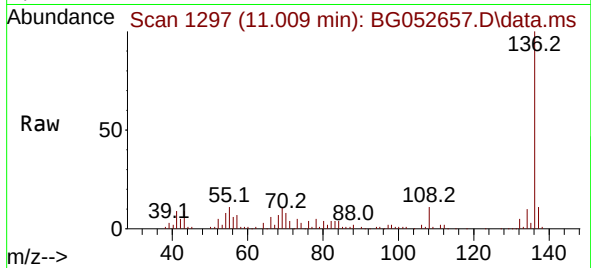




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.009 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

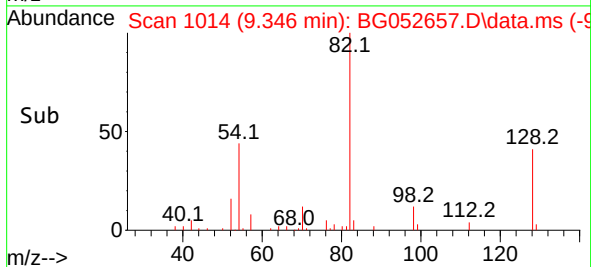
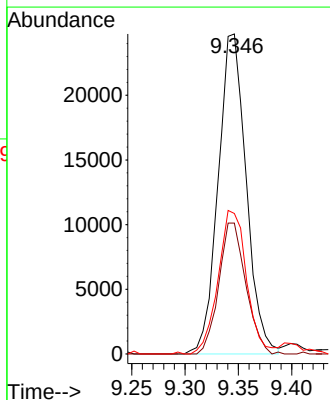
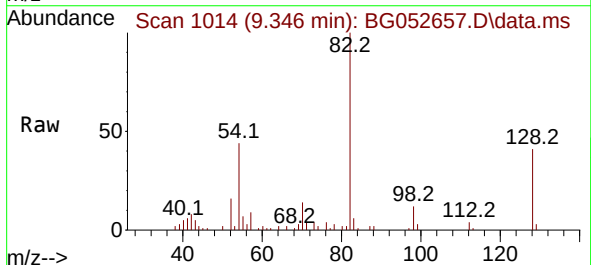
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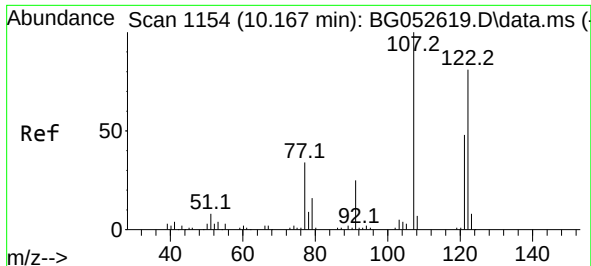
Tgt Ion:	136	Resp:	138738
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.4	14.2
54	8.2	6.4	9.6
68	6.7	5.0	7.6



#23
Nitrobenzene-d5
Concen: 14.779 ng
RT: 9.346 min Scan# 1014
Delta R.T. 0.001 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

Tgt Ion:	82	Resp:	45231
Ion Ratio	Lower	Upper	
82	100		
128	40.9	31.3	46.9
54	43.9	37.8	56.8





#27

2,4-Dimethylphenol

Concen: 4.108 ng

RT: 10.174 min Scan# 1155

Delta R.T. 0.007 min

Lab File: BG052657.D

Acq: 11 Mar 2022 21:28

Instrument :

BNA_G

ClientSampleId :

30970DL

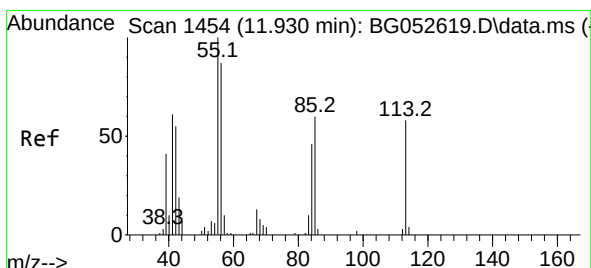
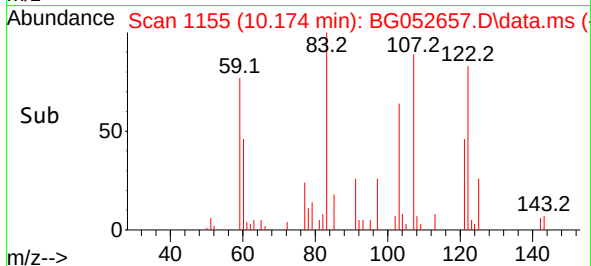
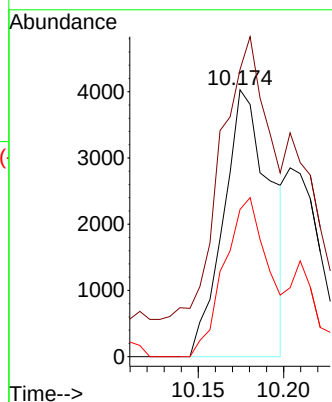
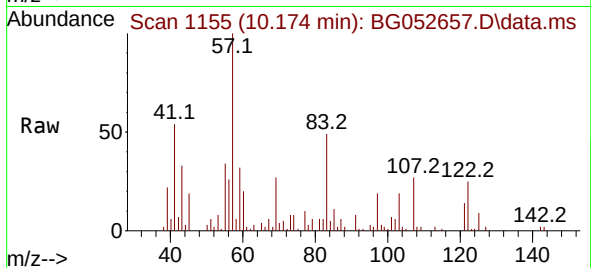
Tgt Ion:122 Resp: 7685

Ion Ratio Lower Upper

122 100

107 107.7 96.7 145.1

121 55.2 46.3 69.5



#35

Caprolactam

Concen: 9.621 ng

RT: 11.943 min Scan# 1456

Delta R.T. 0.013 min

Lab File: BG052657.D

Acq: 11 Mar 2022 21:28

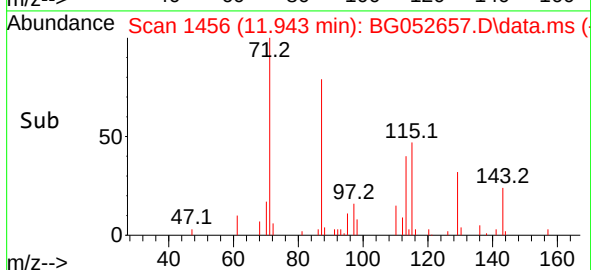
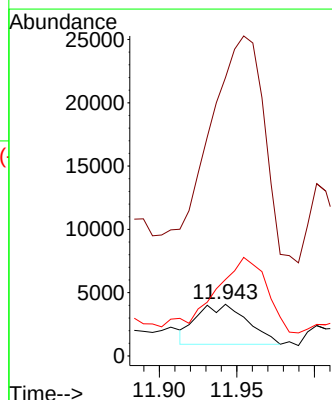
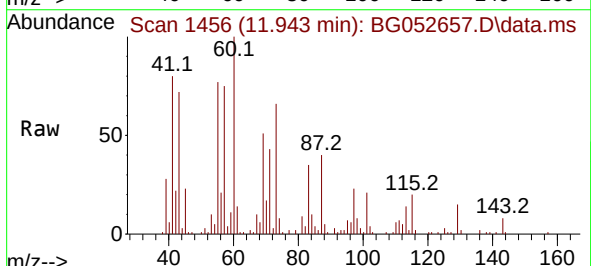
Tgt Ion:113 Resp: 7190

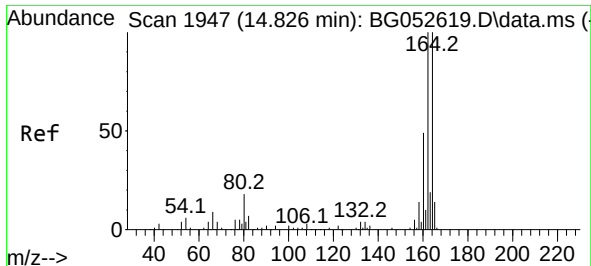
Ion Ratio Lower Upper

113 100

55 538.0 151.3 191.3#

56 147.9 128.5 168.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.827 min Scan# 1947

Delta R.T. 0.001 min

Lab File: BG052657.D

Acq: 11 Mar 2022 21:28

Instrument :

BNA_G

ClientSampleId :

30970DL

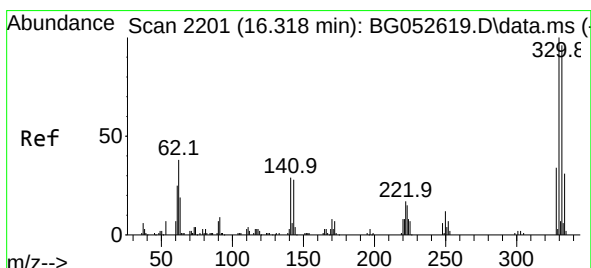
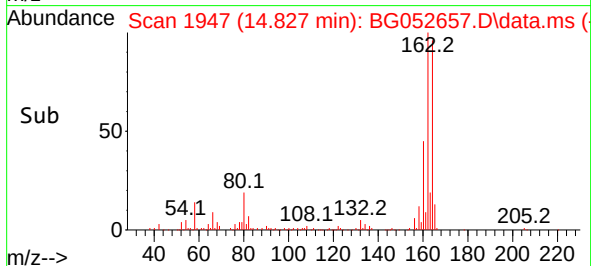
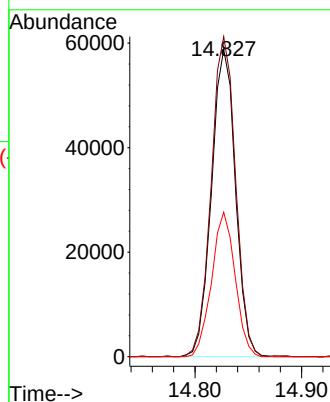
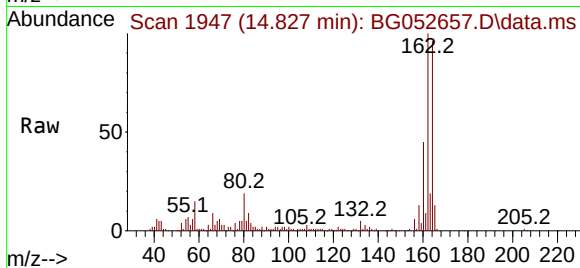
Tgt Ion:164 Resp: 91590

Ion Ratio Lower Upper

164 100

162 104.1 80.0 120.0

160 47.0 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 20.076 ng

RT: 16.319 min Scan# 2201

Delta R.T. 0.001 min

Lab File: BG052657.D

Acq: 11 Mar 2022 21:28

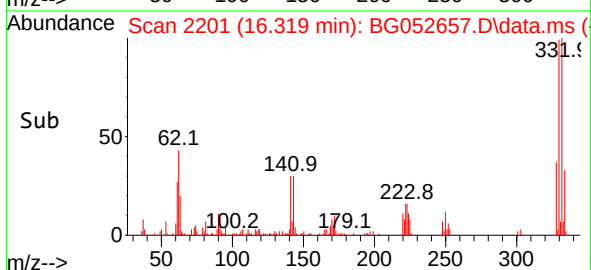
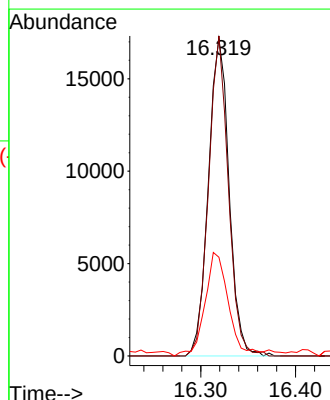
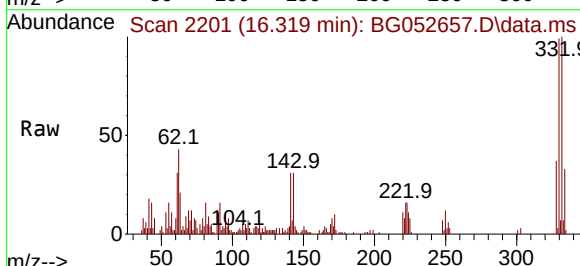
Tgt Ion:330 Resp: 26079

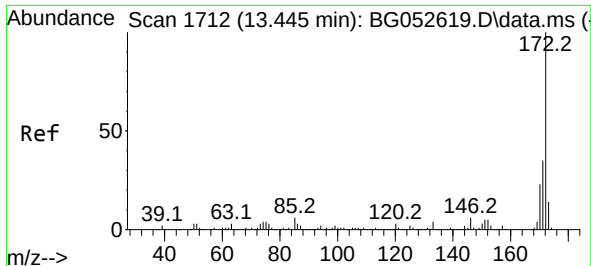
Ion Ratio Lower Upper

330 100

332 96.0 75.8 113.6

141 36.9 24.6 36.8#

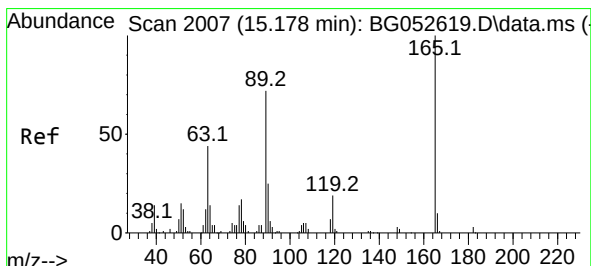
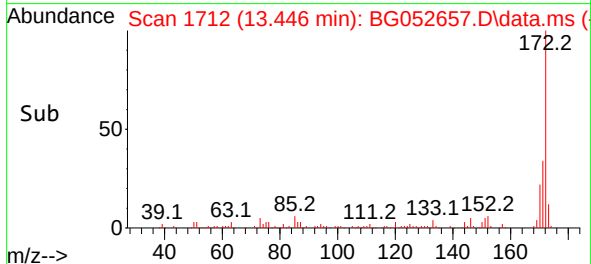
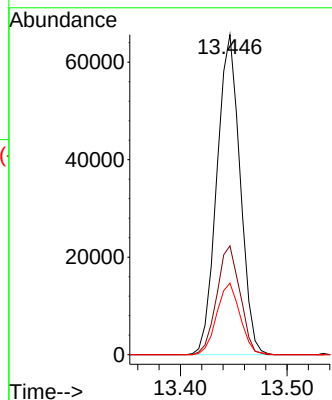
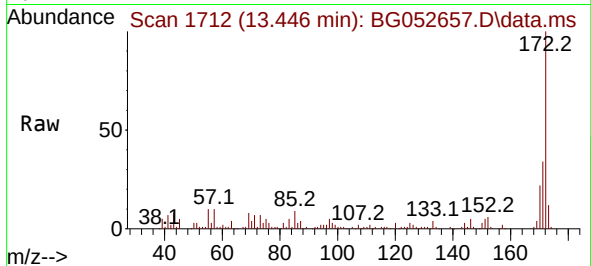




#45
2-Fluorobiphenyl
Concen: 14.618 ng
RT: 13.446 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

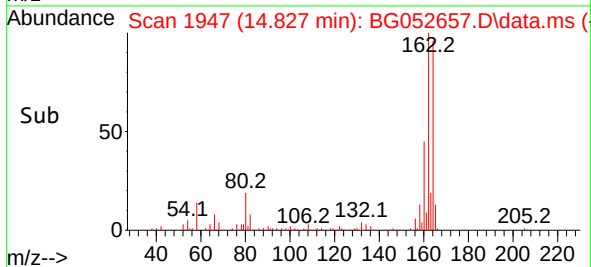
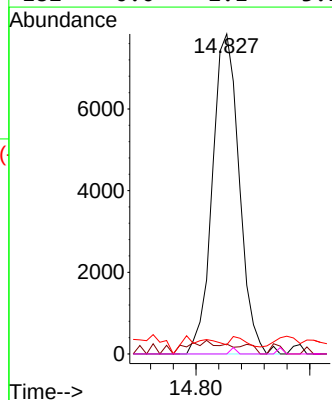
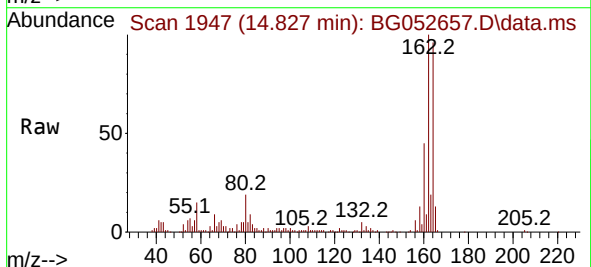
Instrument :
BNA_G
ClientSampleId :
30970DL

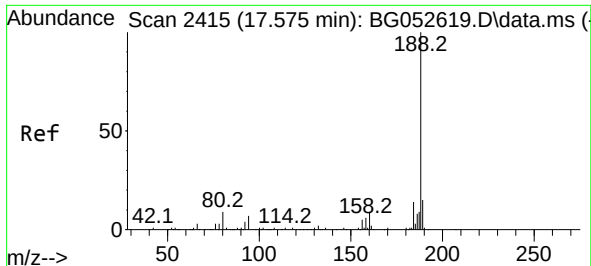
Tgt Ion:172 Resp: 99191
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 22.4 18.0 27.0



#57
2,4-Dinitrotoluene
Concen: 6.005 ng
RT: 14.827 min Scan# 1947
Delta R.T. -0.351 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

Tgt Ion:165 Resp: 12852
Ion Ratio Lower Upper
165 100
63 3.1 34.8 52.2#
89 2.9 57.4 86.0#
182 0.0 2.1 3.1#

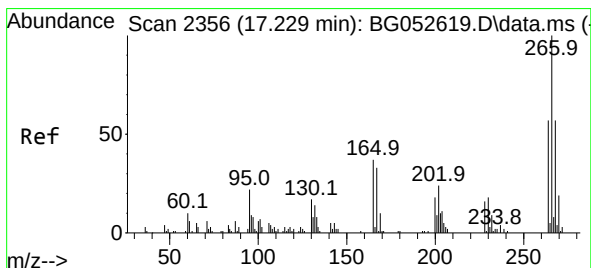
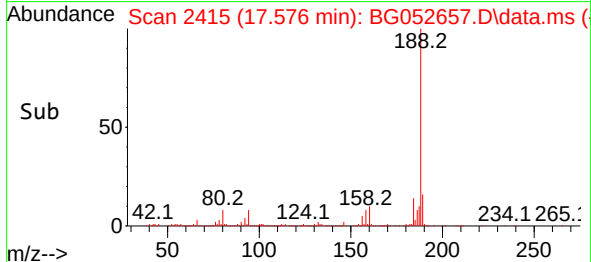
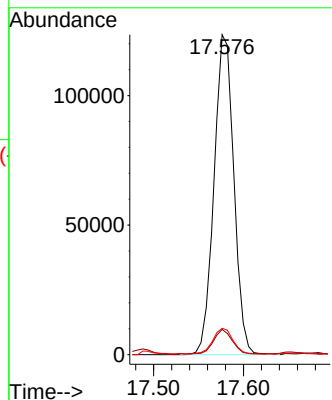
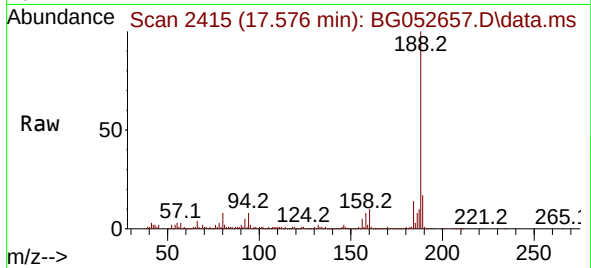




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2415
Delta R.T. 0.001 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

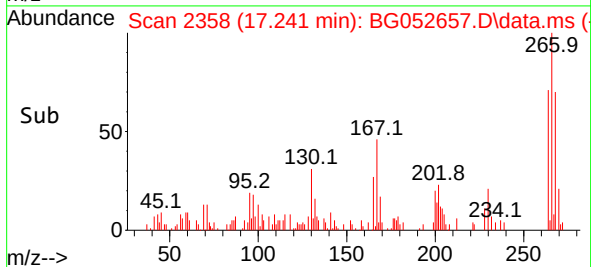
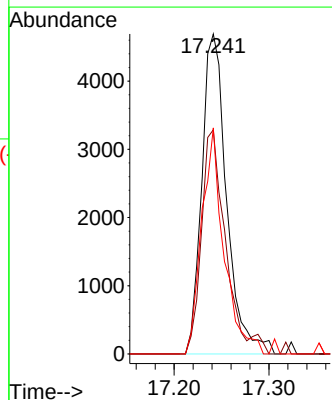
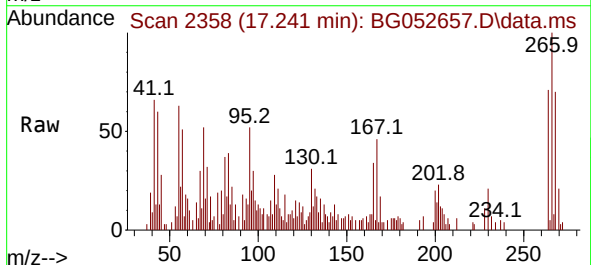
Instrument :
BNA_G
ClientSampleId :
30970DL

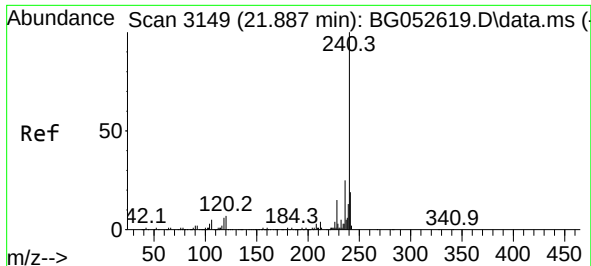
Tgt Ion:188 Resp: 189457
Ion Ratio Lower Upper
188 100
94 7.9 5.7 8.5
80 8.2 7.2 10.8



#70
Pentachlorophenol
Concen: 11.859 ng
RT: 17.241 min Scan# 2358
Delta R.T. 0.012 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

Tgt Ion:266 Resp: 8551
Ion Ratio Lower Upper
266 100
268 70.0 45.9 68.9#
264 70.6 45.3 67.9#

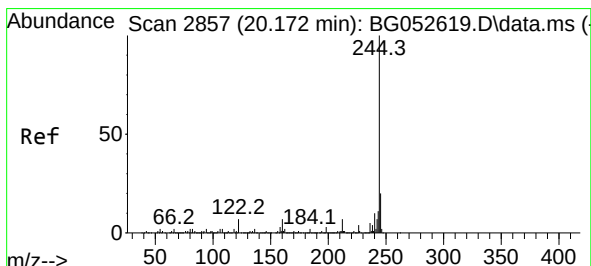
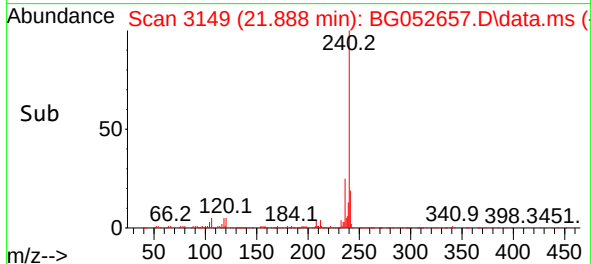
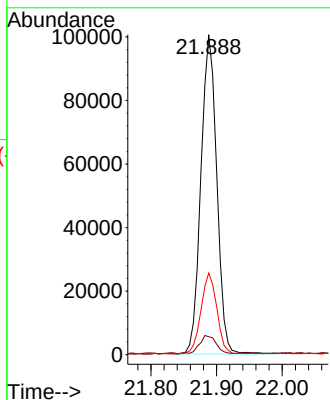
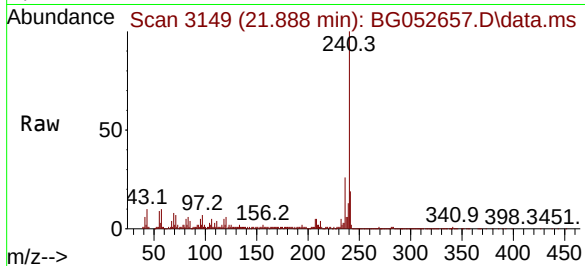




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.888 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

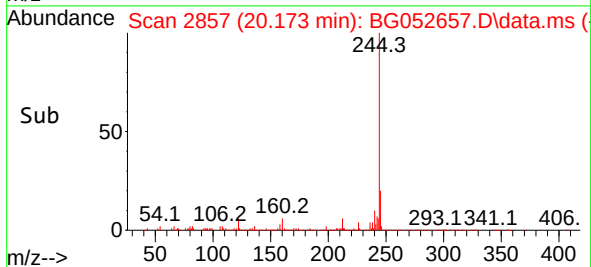
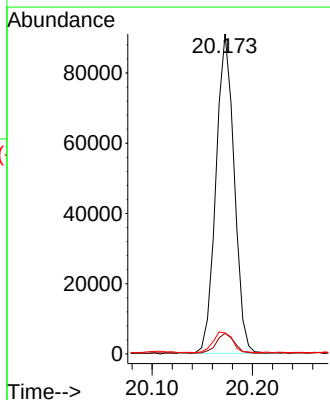
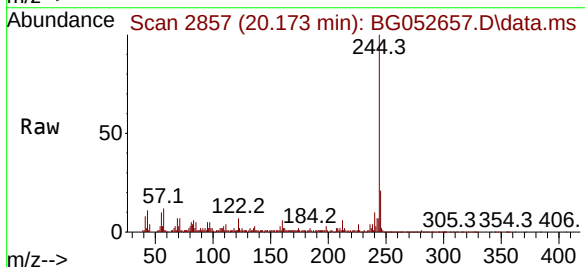
Instrument :
BNA_G
ClientSampleId :
30970DL

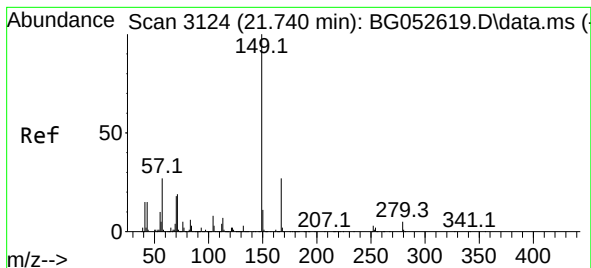
Tgt Ion:240 Resp: 169640
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 25.5 19.8 29.6



#79
Terphenyl-d14
Concen: 11.982 ng
RT: 20.173 min Scan# 2857
Delta R.T. 0.001 min
Lab File: BG052657.D
Acq: 11 Mar 2022 21:28

Tgt Ion:244 Resp: 114863
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 6.6 5.8 8.6

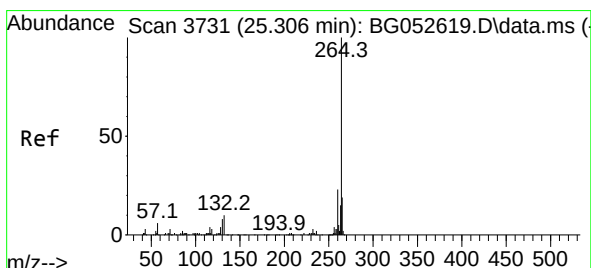
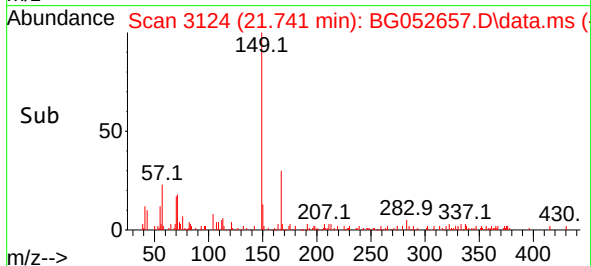
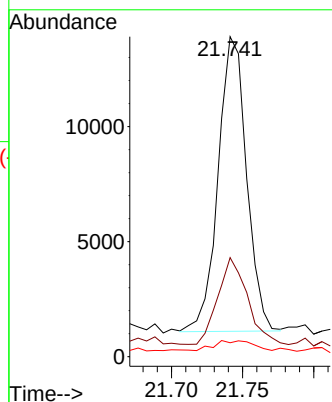
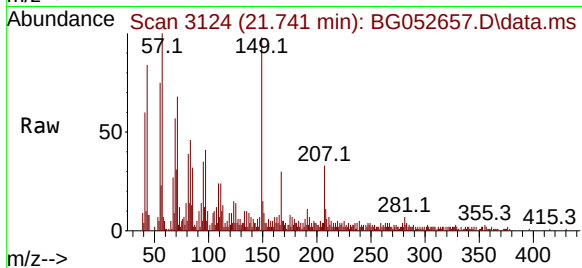




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.090 ng
 RT: 21.741 min Scan# 3124
 Delta R.T. 0.001 min
 Lab File: BG052657.D
 Acq: 11 Mar 2022 21:28

Instrument :
 BNA_G
 ClientSampleId :
 30970DL

Tgt Ion:	149	Resp:	17813
Ion Ratio	Lower	Upper	
149	100		
167	31.0	21.4	32.2
279	4.3	3.8	5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.325 min Scan# 3734
 Delta R.T. 0.019 min
 Lab File: BG052657.D
 Acq: 11 Mar 2022 21:28

Tgt Ion:	264	Resp:	175857
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.2
265	20.1	15.1	22.7

