

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
 Data File : BG052656.D
 Acq On : 11 Mar 2022 20:49
 Operator : CG/JU
 Sample : N1864-09 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MB-B2-030922-4-6-DUP

Quant Time: Mar 12 06:17:19 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)

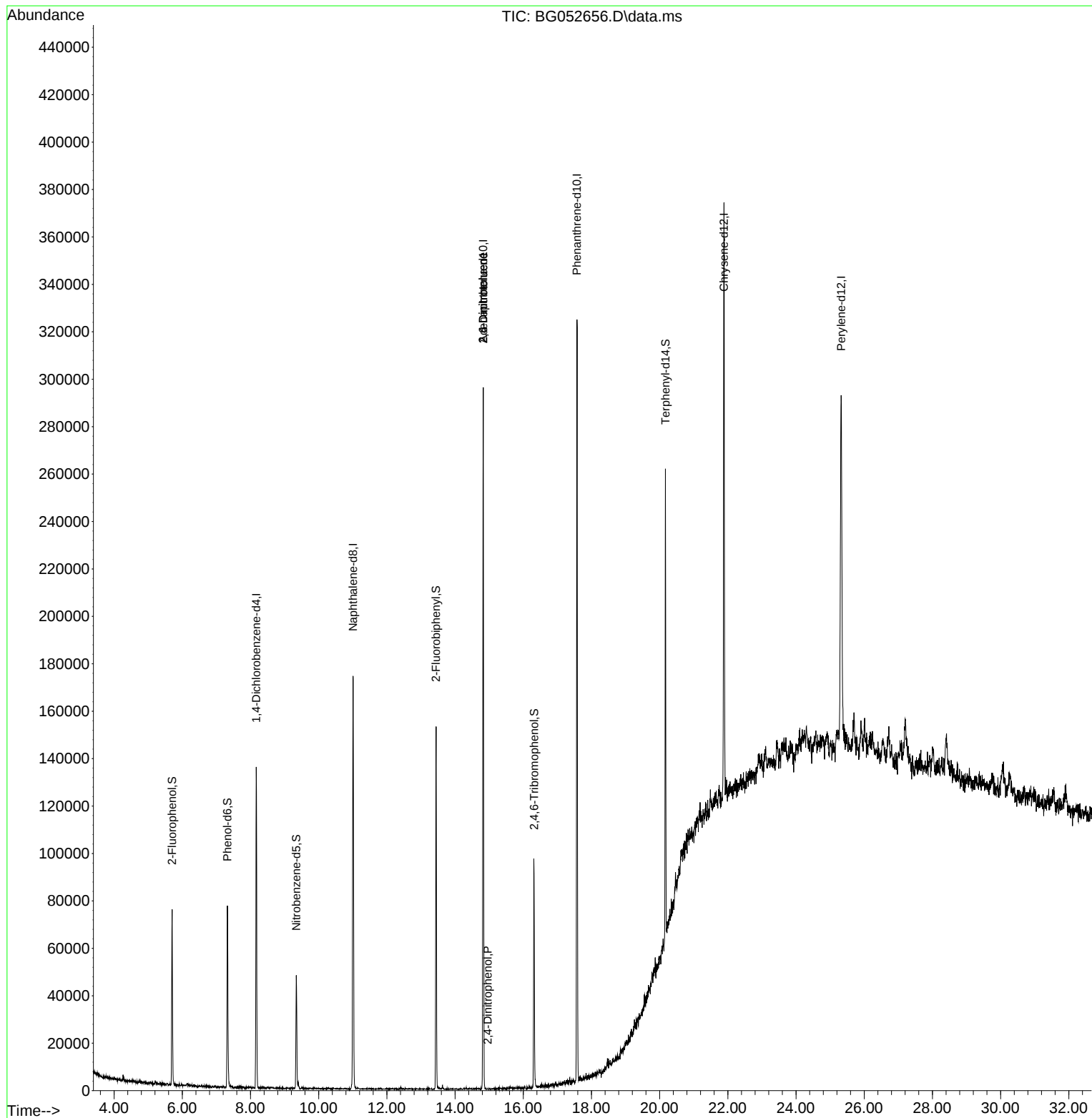
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	40389	20.000	ng	0.00
21) Naphthalene-d8	11.007	136	165543	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	109288	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	213520	20.000	ng	0.00
76) Chrysene-d12	21.886	240	167953	20.000	ng	0.00
86) Perylene-d12	25.322	264	177359	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	35513	15.190	ng	0.00
7) Phenol-d6	7.323	99	49998	14.776	ng	0.00
23) Nitrobenzene-d5	9.344	82	34822	9.536	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	22153	14.292	ng	0.00
45) 2-Fluorobiphenyl	13.444	172	84241	10.404	ng	0.00
79) Terphenyl-d14	20.171	244	102626	10.813	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.825	165	14691	8.097	ng	# 26
54) 2,4-Dinitrophenol	14.954	184	56	8.584	ng	# 19
57) 2,4-Dinitrotoluene	14.825	165	14691	5.753	ng	# 24

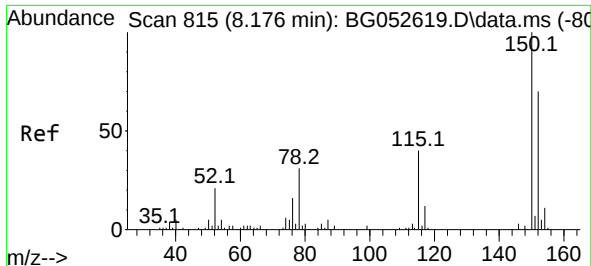
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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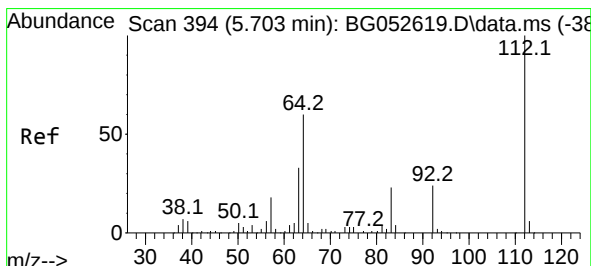
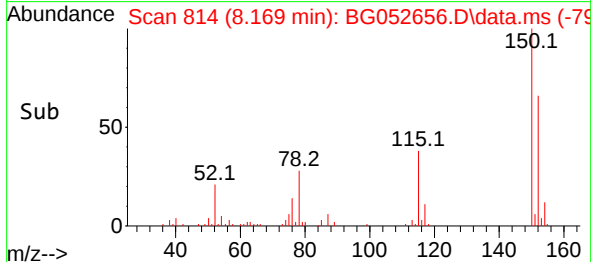
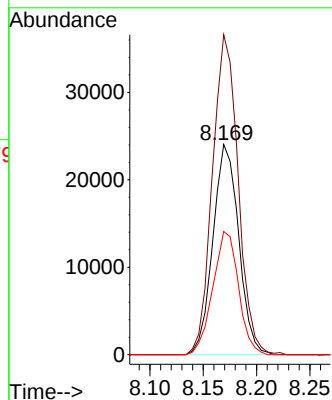
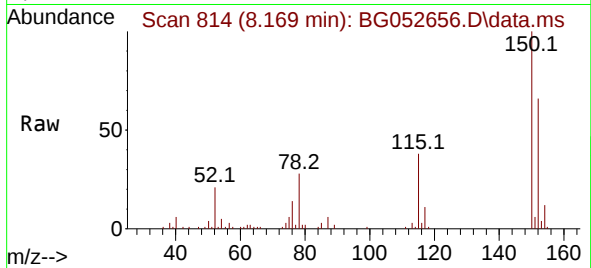




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.169 min Scan# 815
Delta R.T. -0.007 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

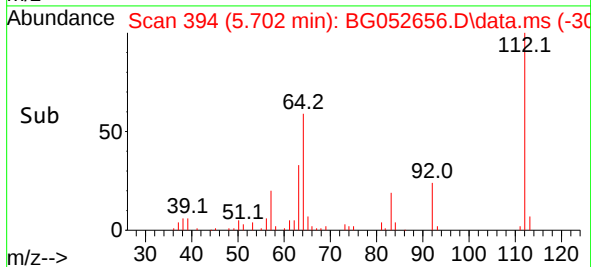
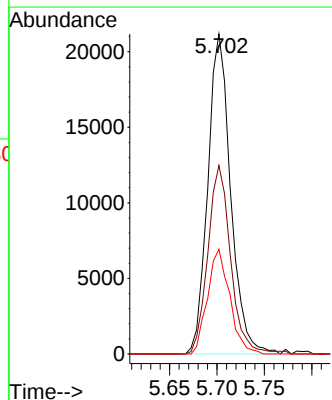
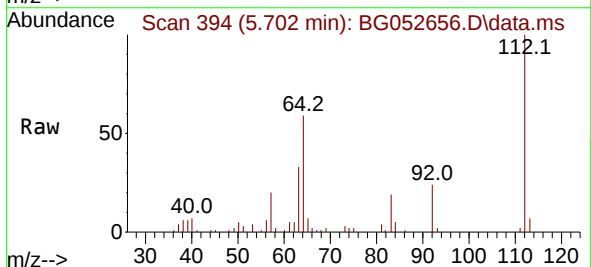
Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6-DUP

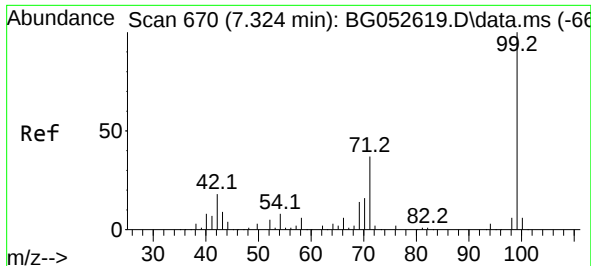
Tgt Ion:152 Resp: 40389
Ion Ratio Lower Upper
152 100
150 152.2 114.6 172.0
115 58.6 45.9 68.9



#5
2-Fluorophenol
Concen: 15.190 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Tgt Ion:112 Resp: 35513
Ion Ratio Lower Upper
112 100
64 58.9 48.0 72.0
63 32.7 26.5 39.7

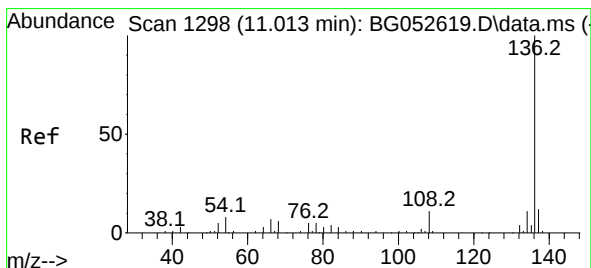
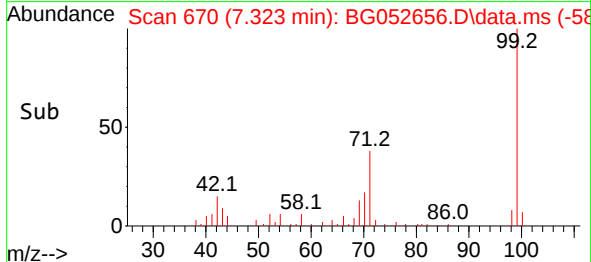
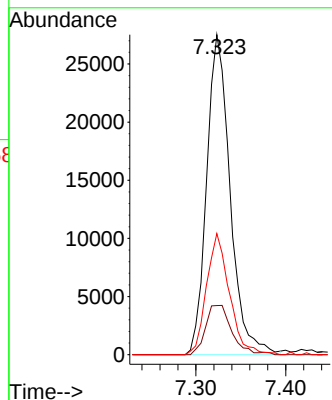
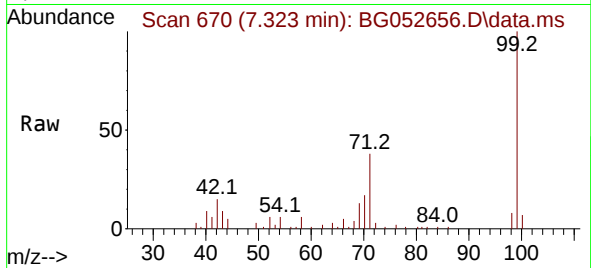




#7
Phenol-d6
Concen: 14.776 ng
RT: 7.323 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

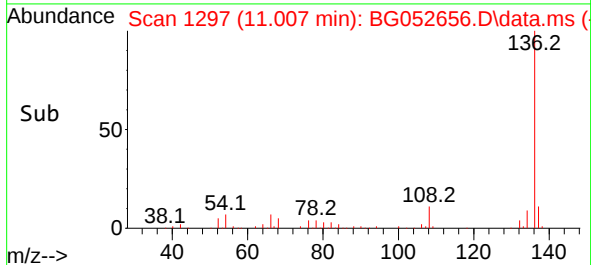
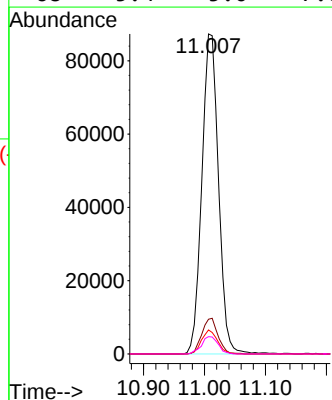
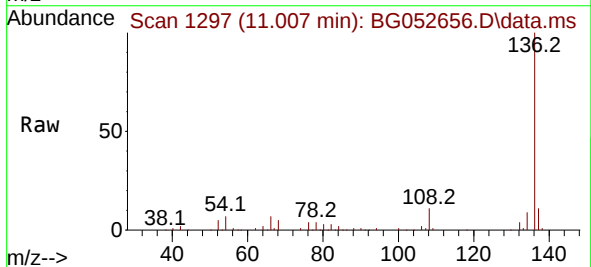
Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6-DUP

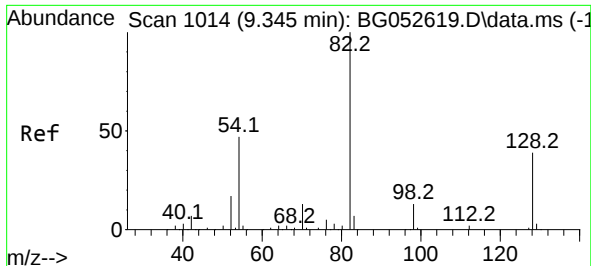
Tgt Ion: 99 Resp: 49998
Ion Ratio Lower Upper
99 100
42 15.4 14.7 22.1
71 37.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.007 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Tgt Ion: 136 Resp: 165543
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.2
54 7.5 6.4 9.6
68 5.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 9.536 ng

RT: 9.344 min Scan# 1014

Delta R.T. -0.001 min

Lab File: BG052656.D

Acq: 11 Mar 2022 20:49

Instrument :

BNA_G

ClientSampleId :

MB-B2-030922-4-6-DUP

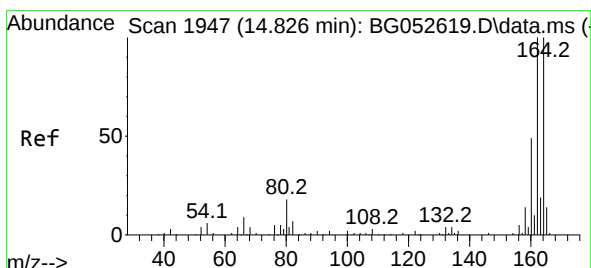
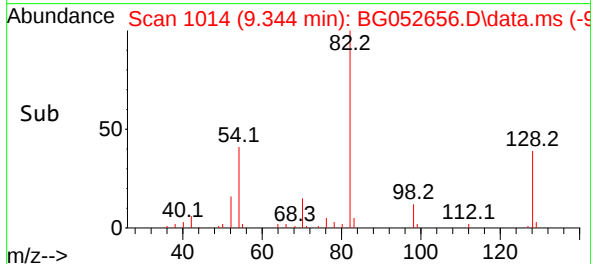
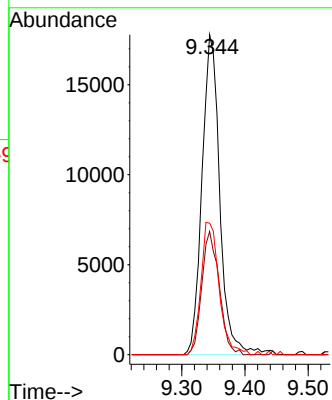
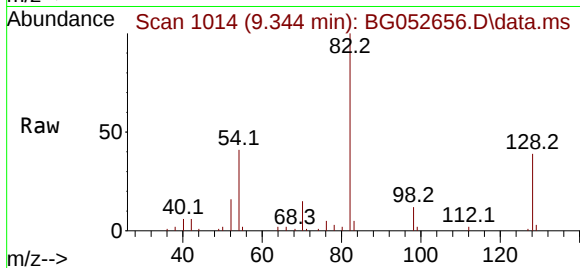
Tgt Ion: 82 Resp: 34822

Ion Ratio Lower Upper

82 100

128 38.5 31.3 46.9

54 41.1 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.825 min Scan# 1947

Delta R.T. -0.001 min

Lab File: BG052656.D

Acq: 11 Mar 2022 20:49

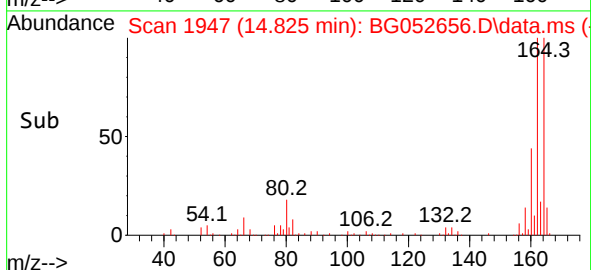
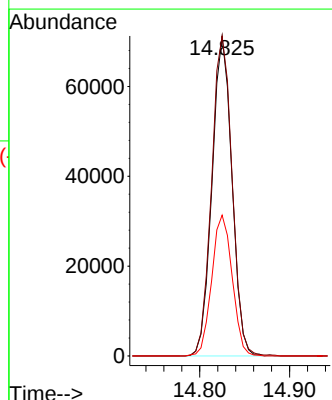
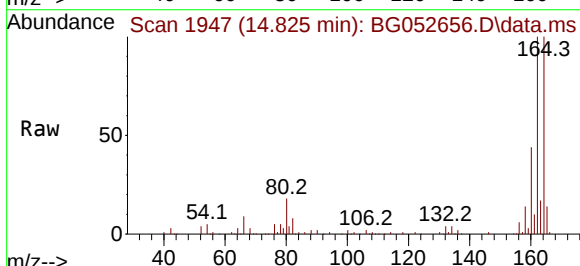
Tgt Ion:164 Resp: 109288

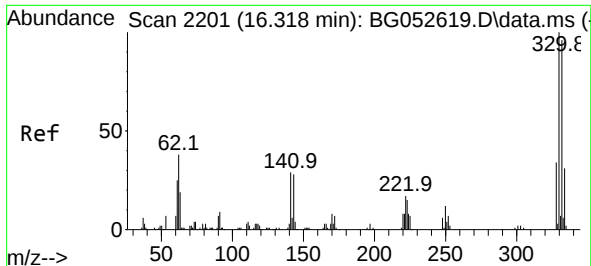
Ion Ratio Lower Upper

164 100

162 100.1 80.0 120.0

160 44.1 38.8 58.2

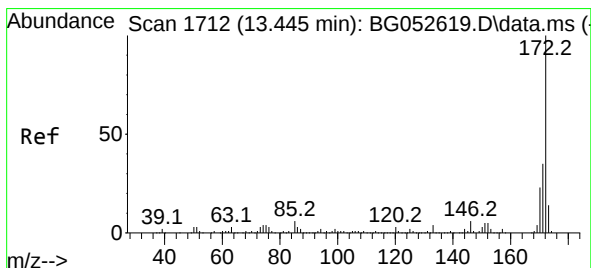
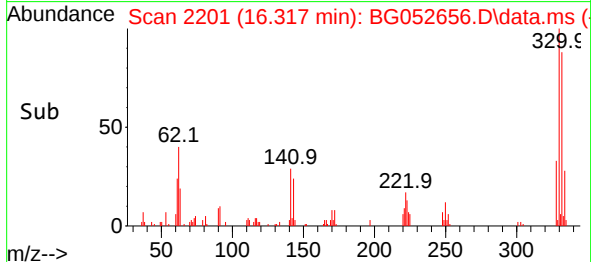
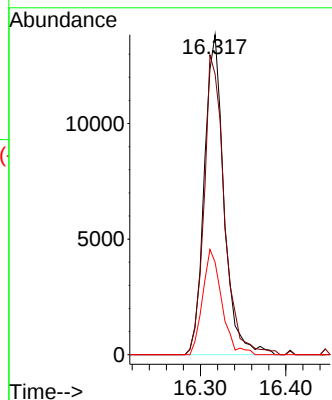
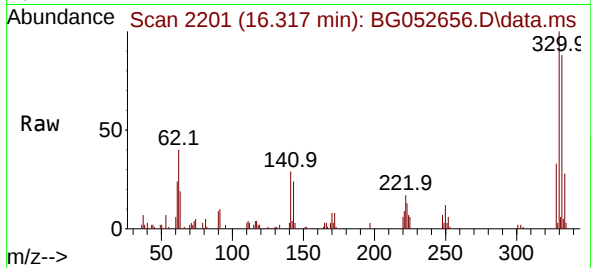




#42
2,4,6-Tribromophenol
Concen: 14.292 ng
RT: 16.317 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

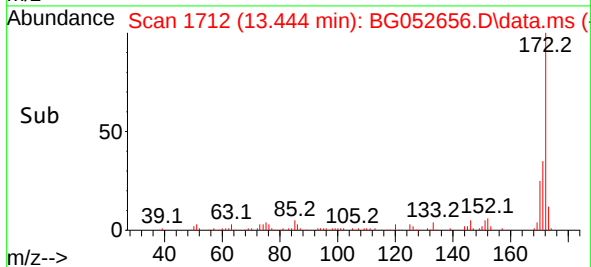
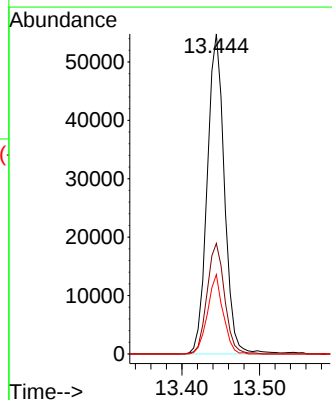
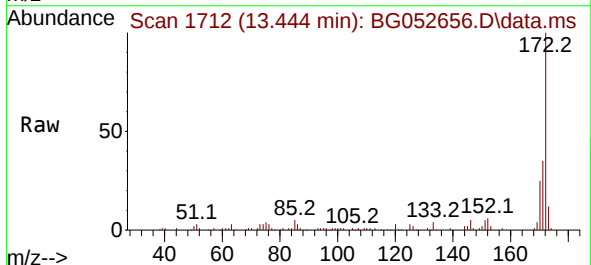
Instrument :
BNA_G
ClientSampleId :
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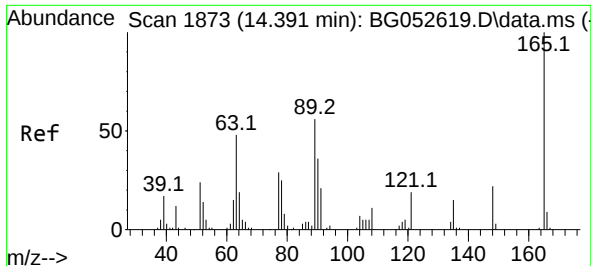
Tgt Ion:330 Resp: 22153
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 32.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 10.404 ng
RT: 13.444 min Scan# 1712
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Tgt Ion:172 Resp: 84241
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 24.8 18.0 27.0

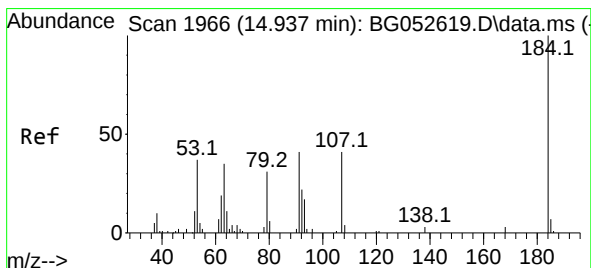
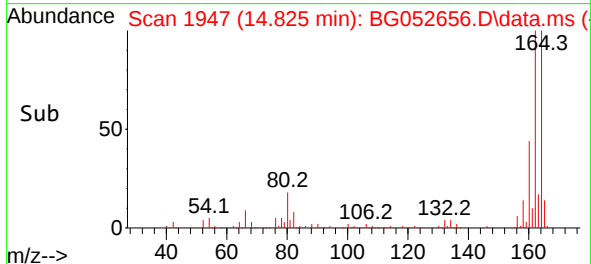
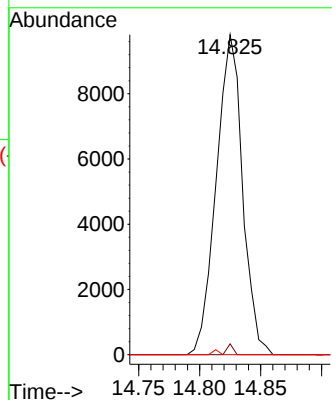
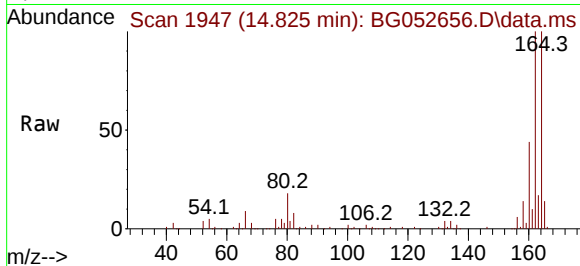




#51
2,6-Dinitrotoluene
Concen: 8.097 ng
RT: 14.825 min Scan# 1947
Delta R.T. 0.434 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

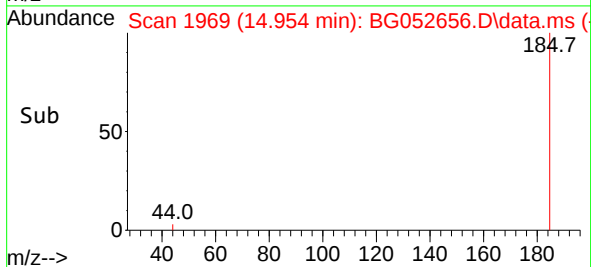
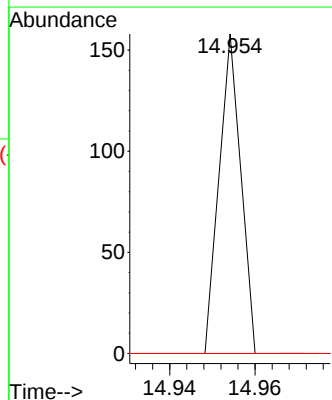
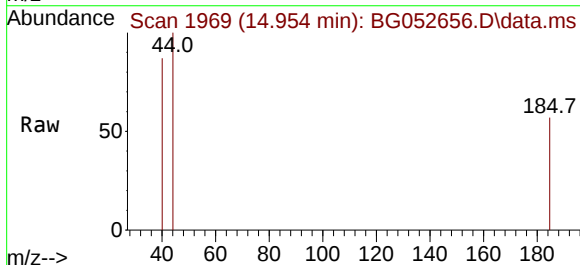
Instrument :
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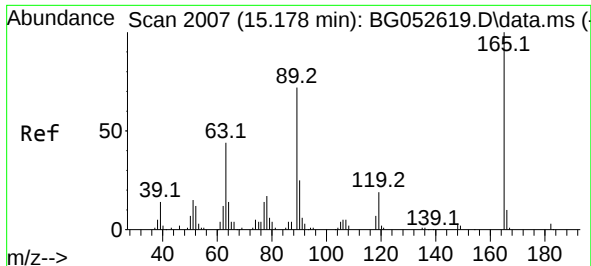
Tgt Ion:165 Resp: 14691
Ion Ratio Lower Upper
165 100
63 3.4 43.7 65.5#
89 0.0 45.0 67.4#



#54
2,4-Dinitrophenol
Concen: 8.584 ng
RT: 14.954 min Scan# 1969
Delta R.T. 0.017 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 47.8 71.6#





#57

2,4-Dinitrotoluene

Concen: 5.753 ng

RT: 14.825 min Scan# 1947

Delta R.T. -0.353 min

Lab File: BG052656.D

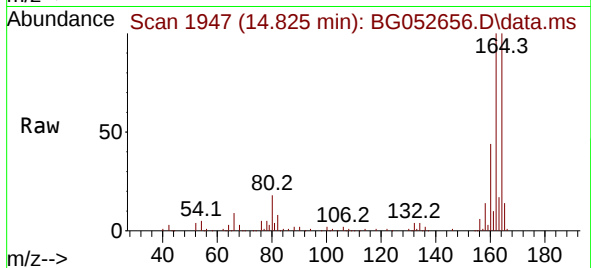
Acq: 11 Mar 2022 20:49

Instrument :

BNA_G

ClientSampleId :

MB-B2-030922-4-6-DUP



Tgt Ion:165 Resp: 14691

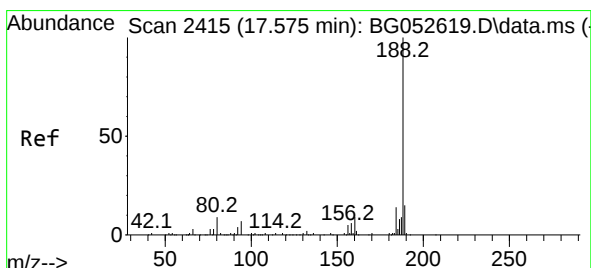
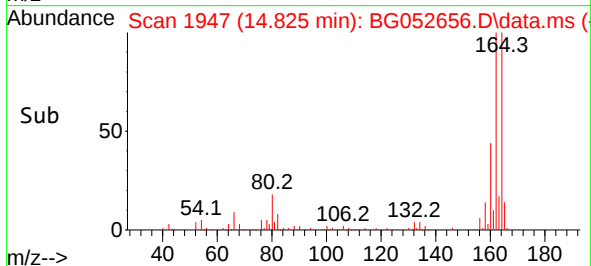
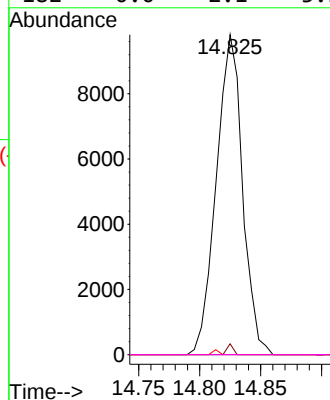
Ion Ratio Lower Upper

165 100

63 3.4 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.574 min Scan# 2415

Delta R.T. -0.001 min

Lab File: BG052656.D

Acq: 11 Mar 2022 20:49

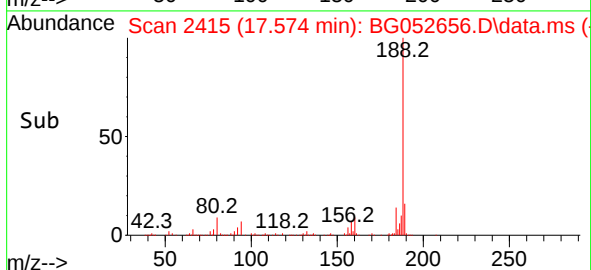
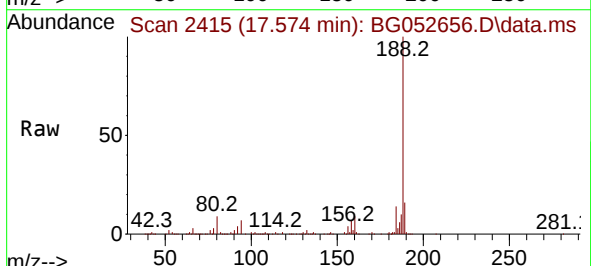
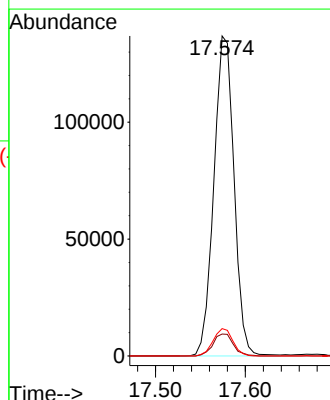
Tgt Ion:188 Resp: 213520

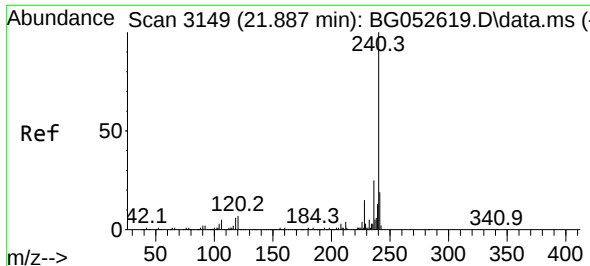
Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

80 8.6 7.2 10.8

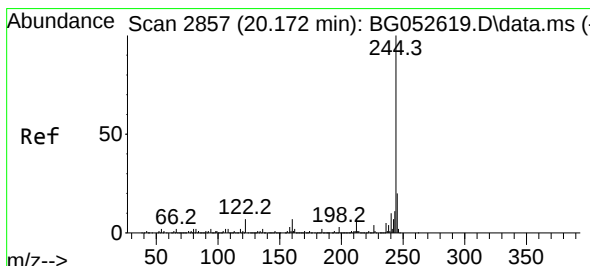
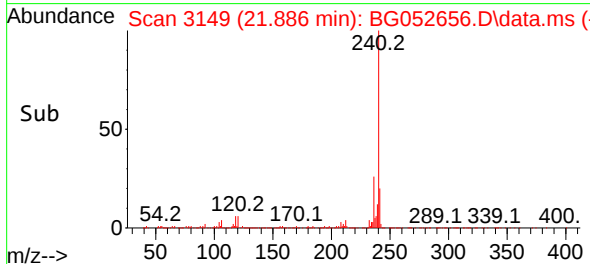
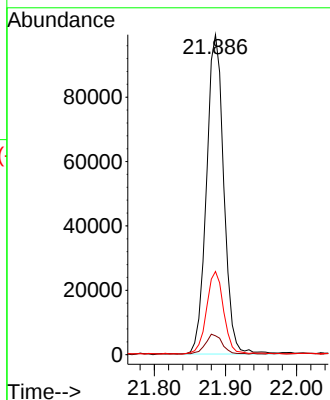
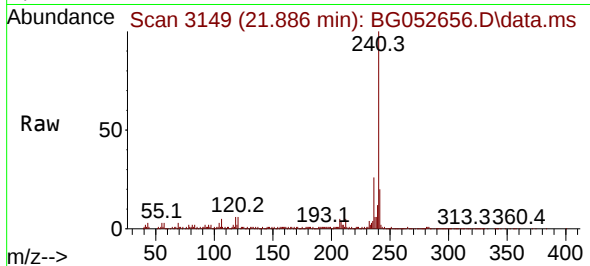




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

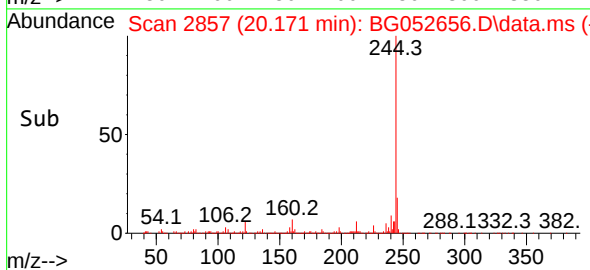
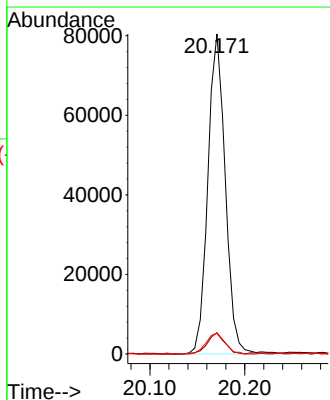
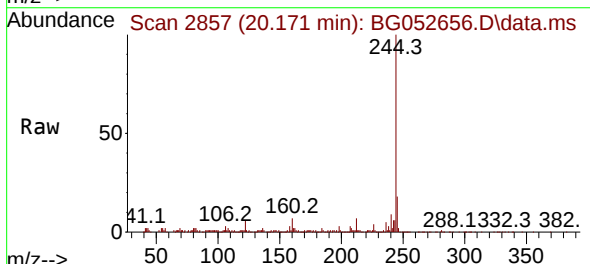
Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6-DUP

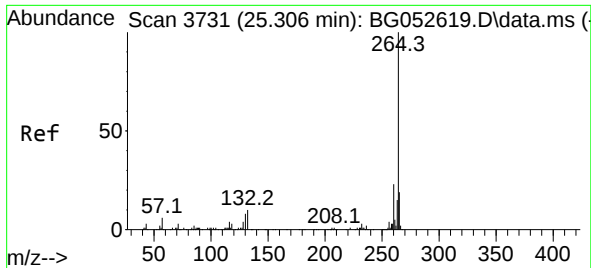
Tgt Ion:240 Resp: 167953
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 26.0 19.8 29.6



#79
Terphenyl-d14
Concen: 10.813 ng
RT: 20.171 min Scan# 2857
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

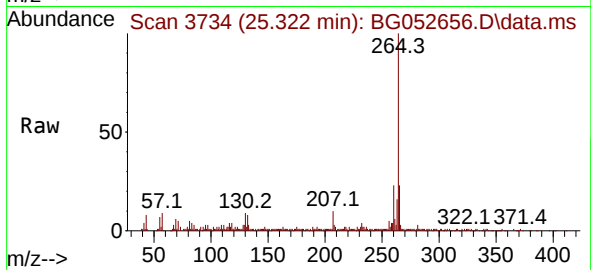
Tgt Ion:244 Resp: 102626
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.322 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BG052656.D
 Acq: 11 Mar 2022 20:49

Instrument :
 BNA_G
 ClientSampleId :
 MB-B2-030922-4-6-DUP



Tgt Ion:	264	Resp:	177359
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.2
265	22.7	15.1	22.7

