

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
 Data File : BG055842.D
 Acq On : 30 Nov 2022 14:42
 Operator : CG/JU
 Sample : PB148951BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148951BL

Quant Time: Dec 01 02:13:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 02:10:33 2022
 Response via : Initial Calibration

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

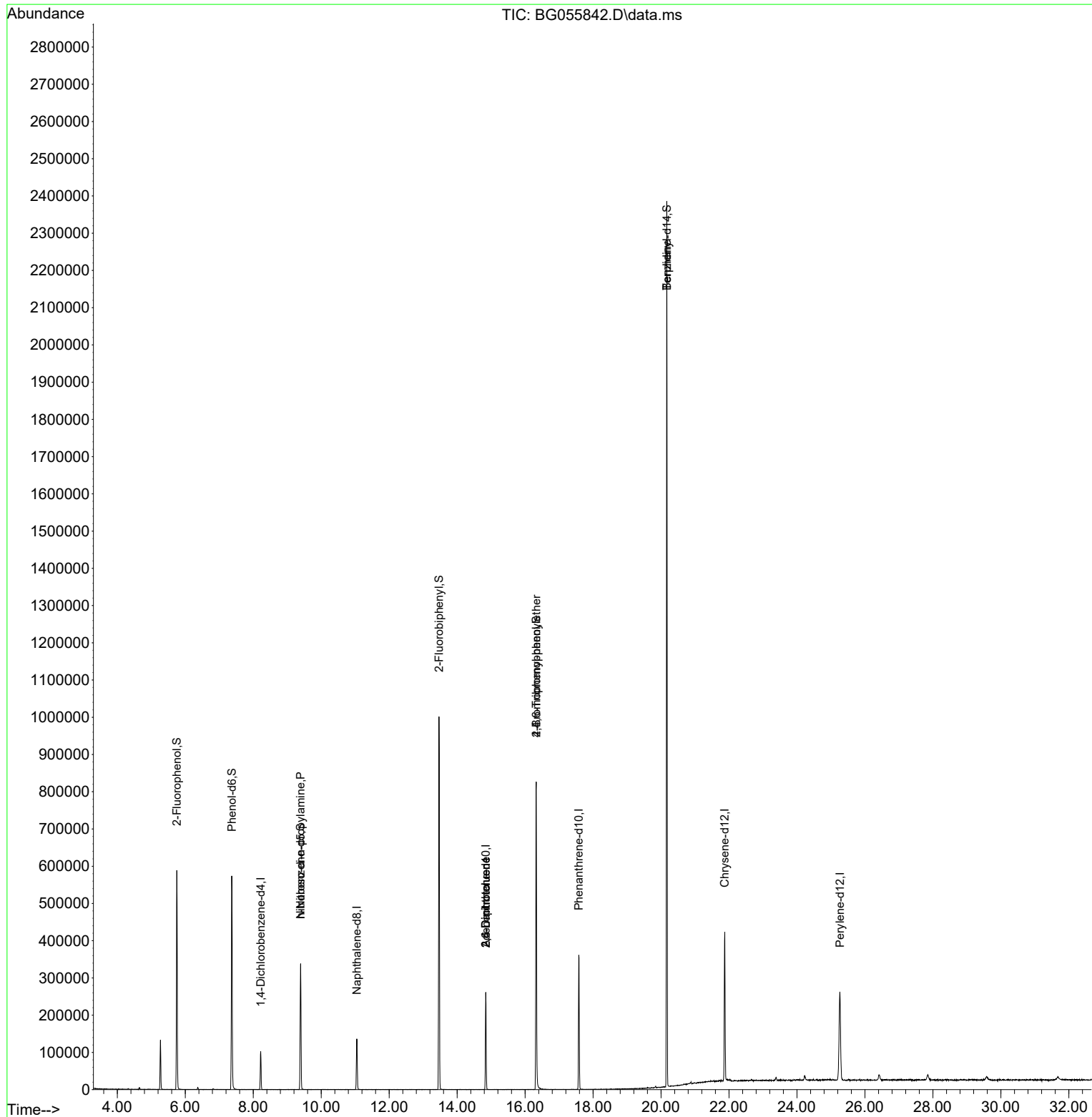
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	29616	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	122005	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	95187	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	245213	20.000	ng	0.00
76) Chrysene-d12	21.875	240	258130	20.000	ng	0.00
86) Perylene-d12	25.265	264	271169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	251366	153.413	ng	0.00
7) Phenol-d6	7.368	99	326050	149.489	ng	0.00
23) Nitrobenzene-d5	9.395	82	202740	87.831	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	186185	138.907	ng	0.00
45) 2-Fluorobiphenyl	13.467	172	538278	84.718	ng	0.00
79) Terphenyl-d14	20.171	244	1177651	91.251	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.395	70	27355	16.323	ng	# 74
51) 2,6-Dinitrotoluene	14.842	165	12137	7.823	ng	# 24
57) 2,4-Dinitrotoluene	14.842	165	12137	5.548	ng	# 22
67) 4-Bromophenyl-phenylether	16.328	248	11855	4.243	ng	# 1
77) Benzidine	20.171	184	18007	3.015	ng	# 93

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

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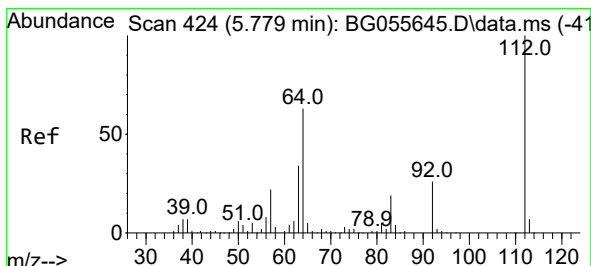
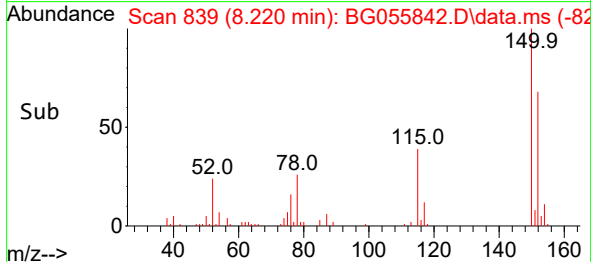
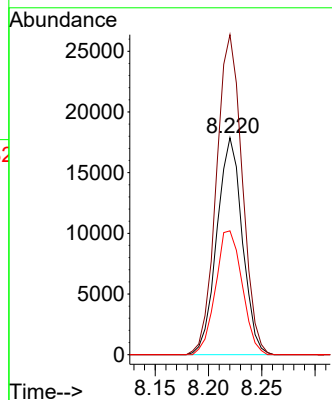
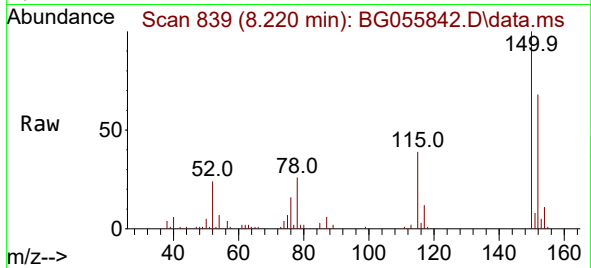




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

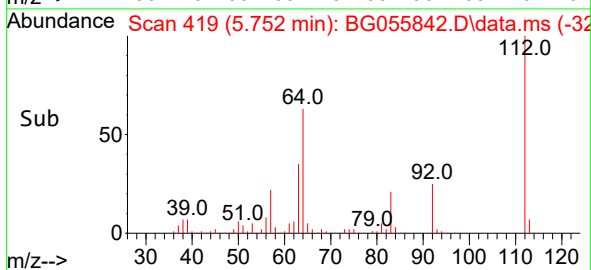
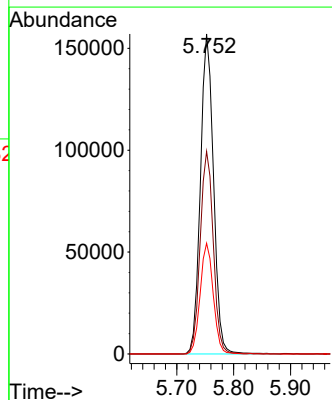
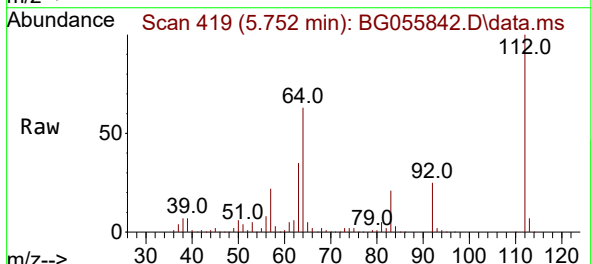
Instrument :
BNA_G
ClientSampleId :
PB148951BL

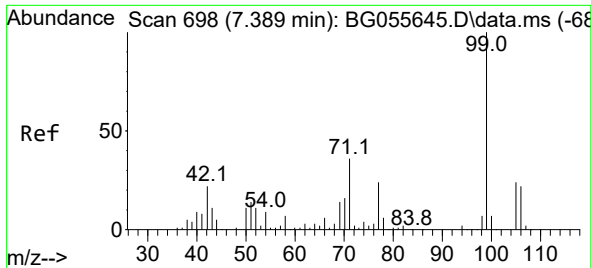
Tgt Ion:152 Resp: 29616
Ion Ratio Lower Upper
152 100
150 147.5 123.0 184.6
115 57.0 47.0 70.4



#5
2-Fluorophenol
Concen: 153.413 ng
RT: 5.752 min Scan# 419
Delta R.T. 0.001 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

Tgt Ion:112 Resp: 251366
Ion Ratio Lower Upper
112 100
64 63.3 50.6 76.0
63 34.6 27.5 41.3

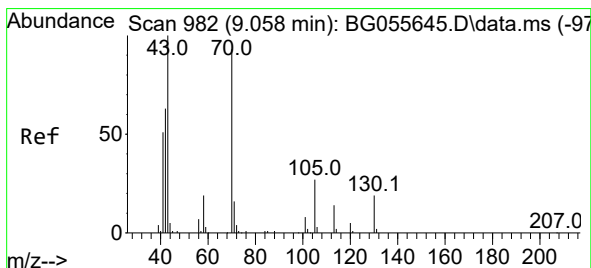
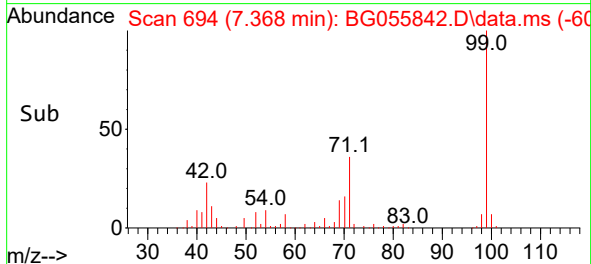
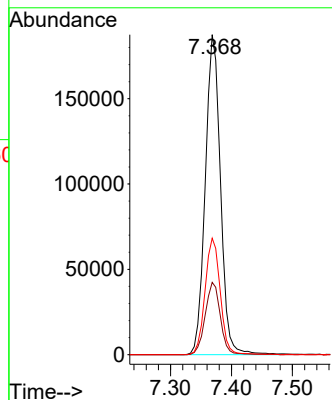
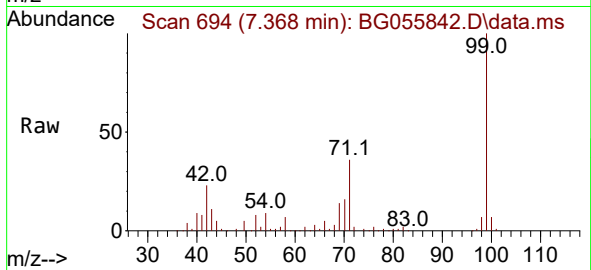




#7
Phenol-d6
Concen: 149.489 ng
RT: 7.368 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

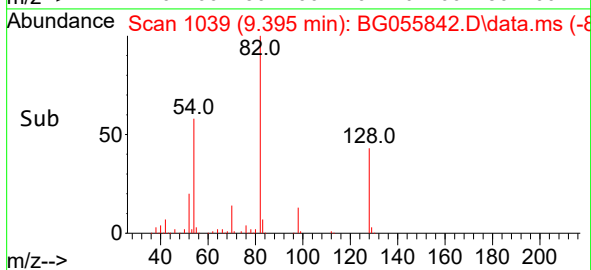
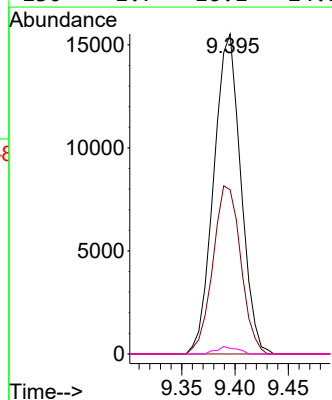
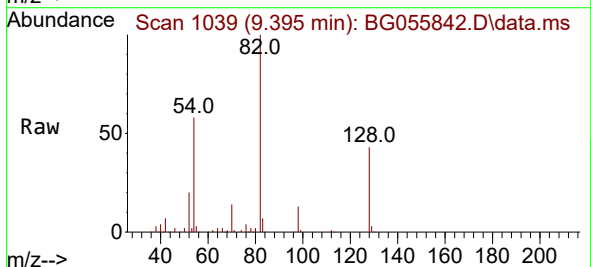
Instrument :
BNA_G
ClientSampleId :
PB148951BL

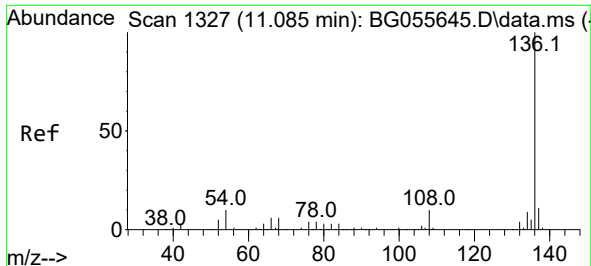
Tgt Ion: 99 Resp: 326050
Ion Ratio Lower Upper
99 100
42 22.6 18.0 27.0
71 36.4 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.323 ng
RT: 9.395 min Scan# 1039
Delta R.T. 0.371 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

Tgt Ion: 70 Resp: 27355
Ion Ratio Lower Upper
70 100
42 51.3 55.2 82.8#
101 0.0 7.1 10.7#
130 1.7 16.1 24.1#

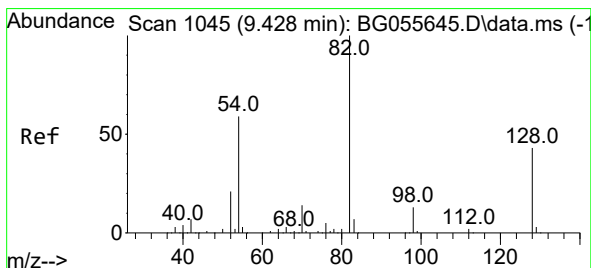
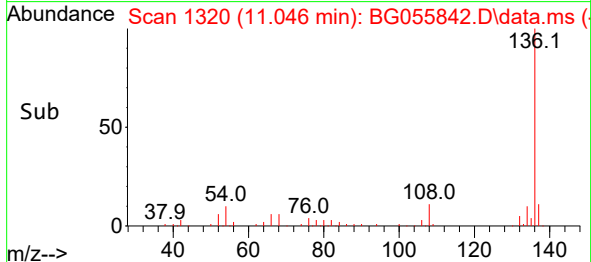
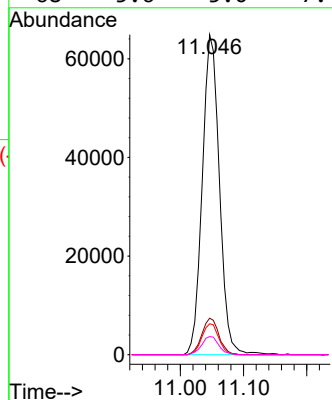
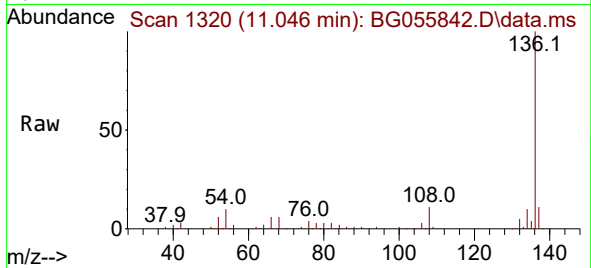




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

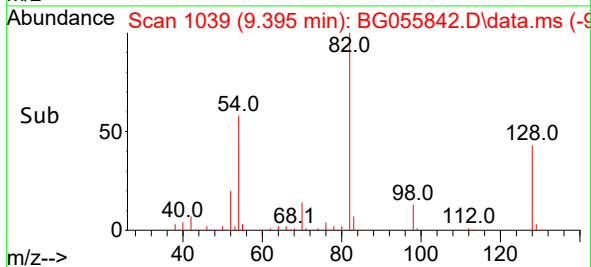
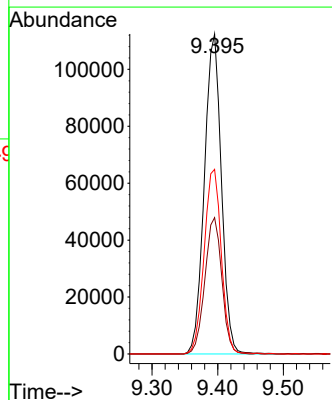
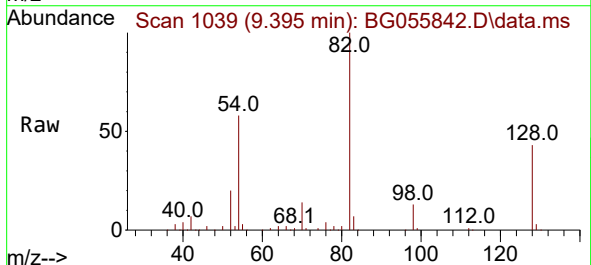
Instrument :
BNA_G
ClientSampleId :
PB148951BL

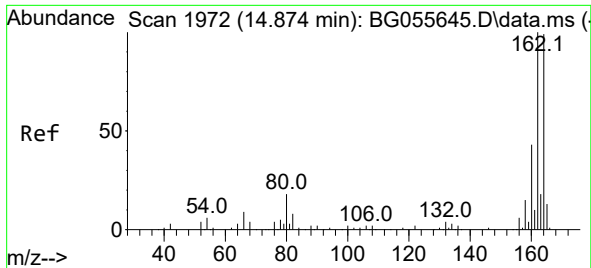
Tgt Ion:	136	Resp:	122005
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	9.6	7.8	11.6
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 87.831 ng
RT: 9.395 min Scan# 1039
Delta R.T. 0.001 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

Tgt Ion:	82	Resp:	202740
Ion Ratio	Lower	Upper	
82	100		
128	42.6	34.1	51.1
54	57.7	47.3	70.9

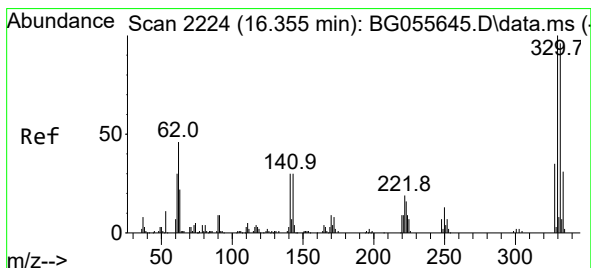
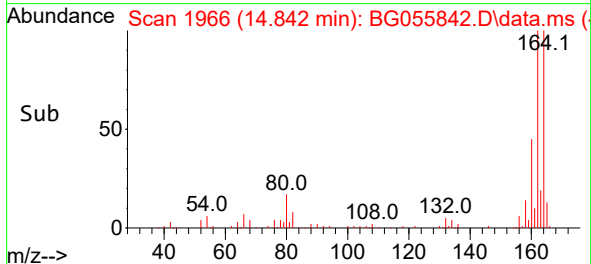
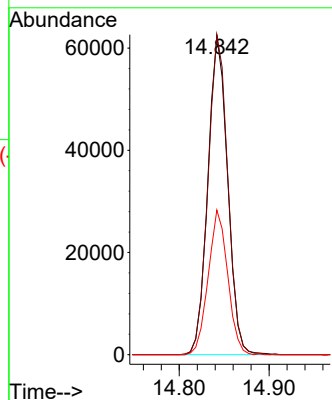
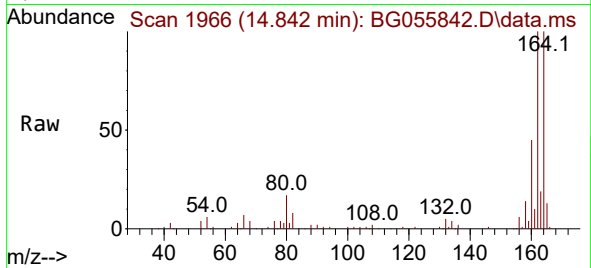




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

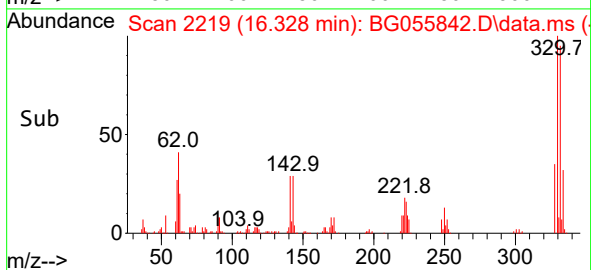
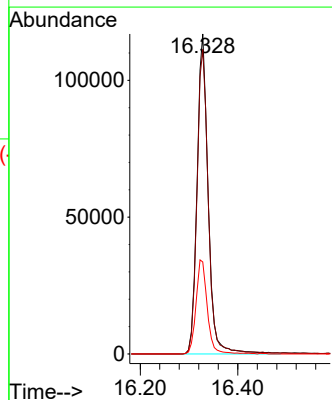
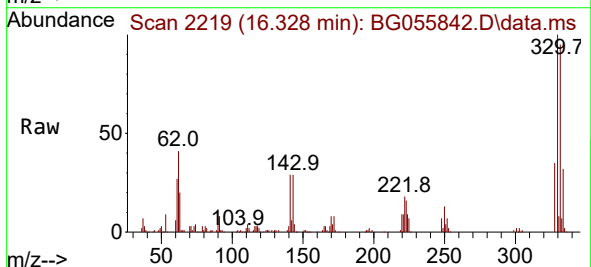
Instrument :
BNA_G
ClientSampleId :
PB148951BL

Tgt Ion:164 Resp: 95187
Ion Ratio Lower Upper
164 100
162 100.4 81.1 121.7
160 45.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 138.907 ng
RT: 16.328 min Scan# 2219
Delta R.T. 0.001 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

Tgt Ion:330 Resp: 186185
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 29.9 23.9 35.9

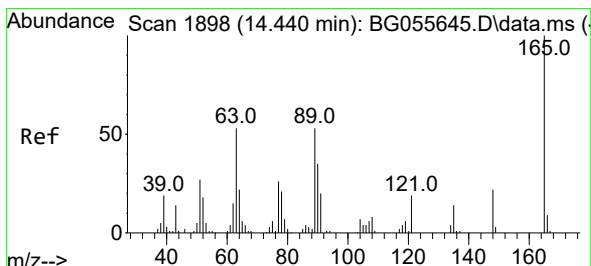
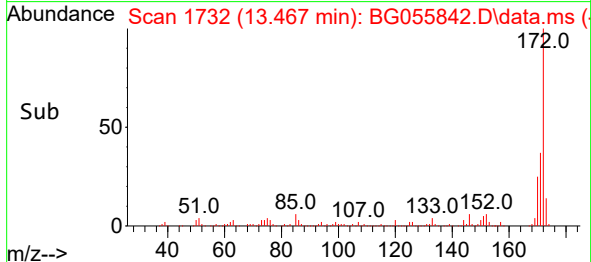
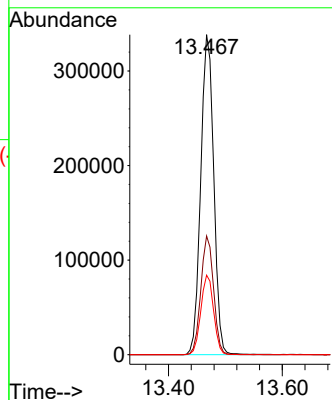
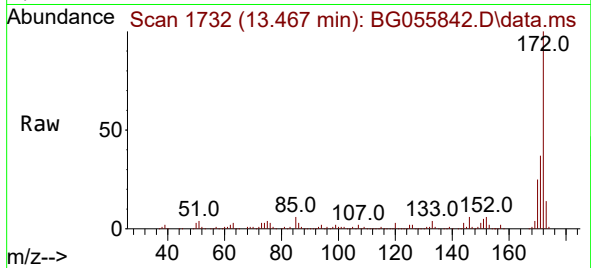




#45
2-Fluorobiphenyl
Concen: 84.718 ng
RT: 13.467 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

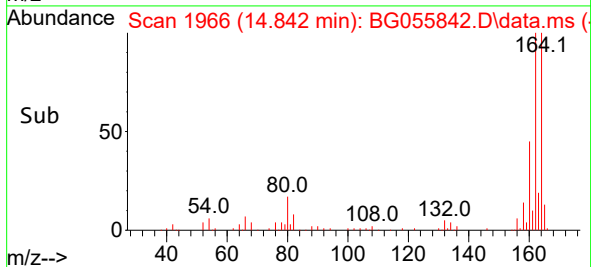
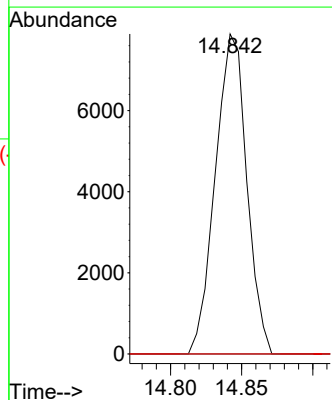
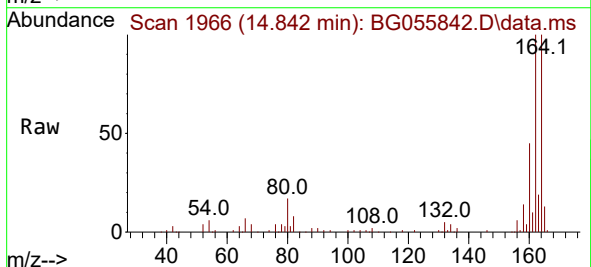
Instrument :
BNA_G
ClientSampleId :
PB148951BL

Tgt Ion:172 Resp: 538278
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 24.8 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.823 ng
RT: 14.842 min Scan# 1966
Delta R.T. 0.424 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

Tgt Ion:165 Resp: 12137
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.548 ng

RT: 14.842 min Scan# 1966

Delta R.T. -0.357 min

Lab File: BG055842.D

Acq: 30 Nov 2022 14:42

Instrument :

BNA_G

ClientSampleId :

PB148951BL

Tgt Ion:165 Resp: 12137

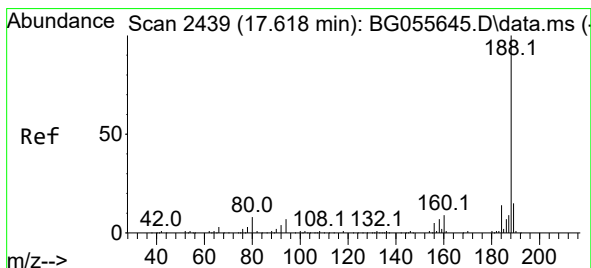
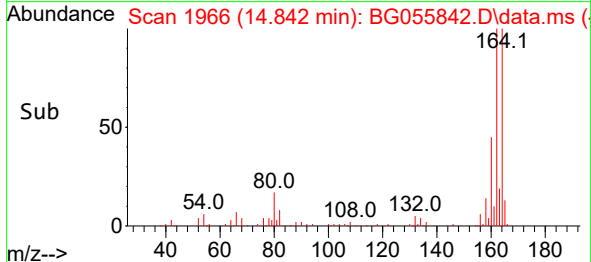
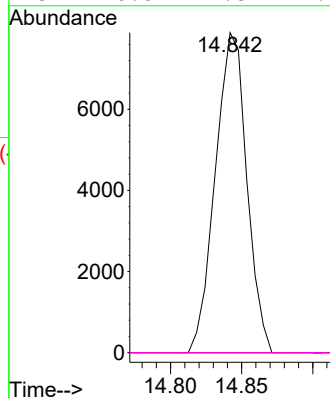
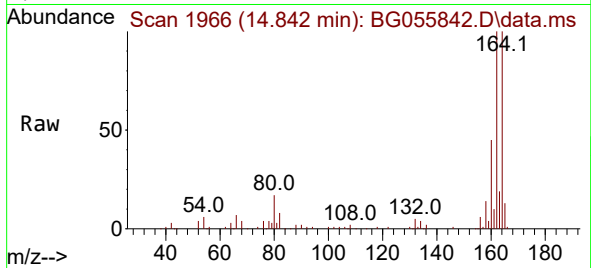
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.580 min Scan# 2432

Delta R.T. -0.005 min

Lab File: BG055842.D

Acq: 30 Nov 2022 14:42

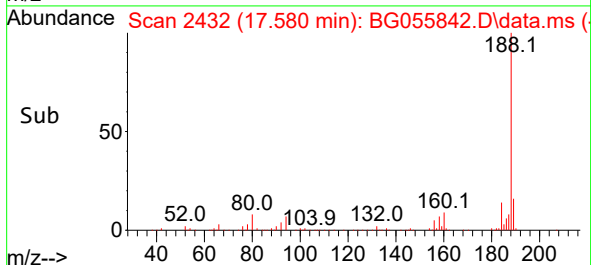
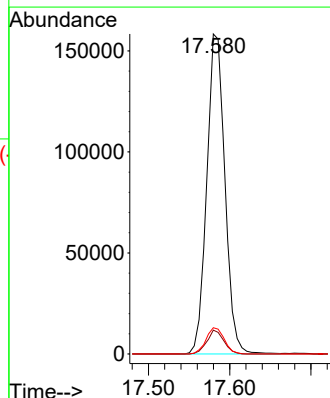
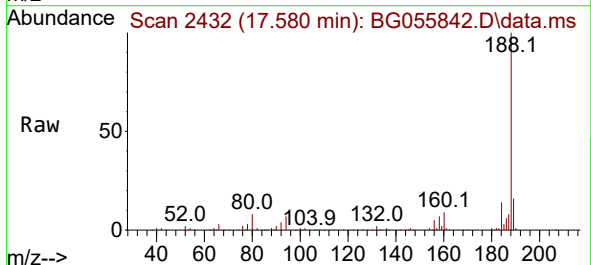
Tgt Ion:188 Resp: 245213

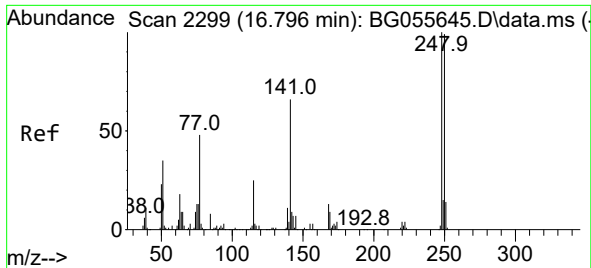
Ion Ratio Lower Upper

188 100

94 7.5 5.4 8.2

80 8.2 6.6 10.0

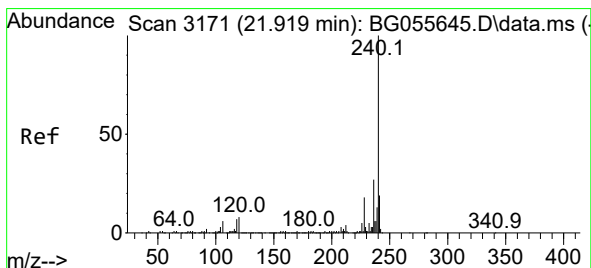
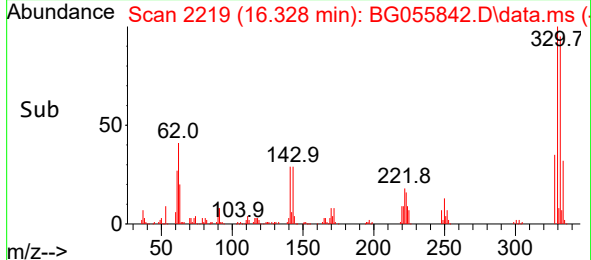
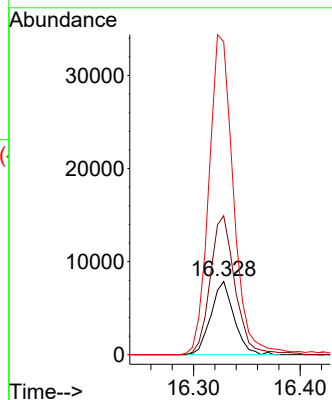
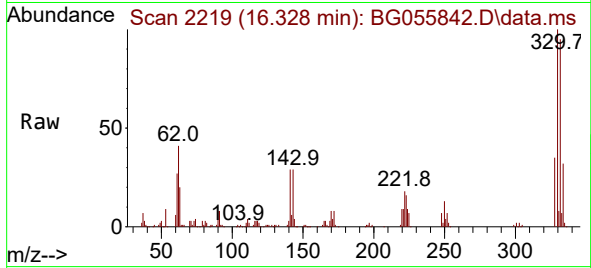




#67
4-Bromophenyl-phenylether
Concen: 4.243 ng
RT: 16.328 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

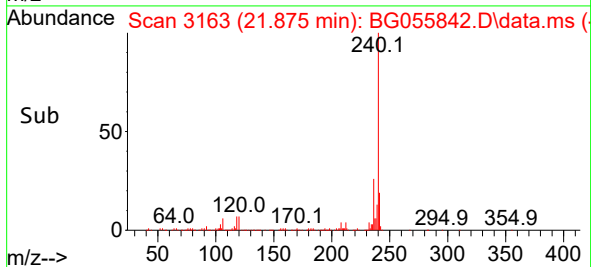
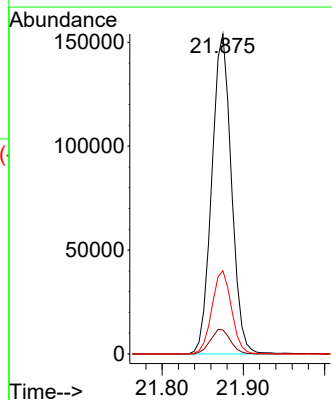
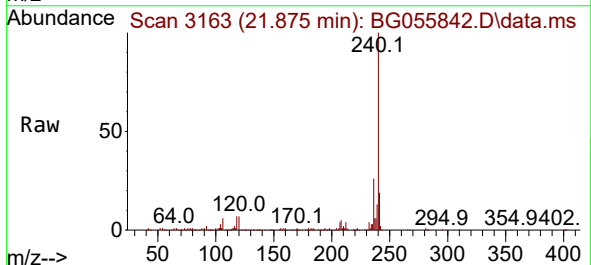
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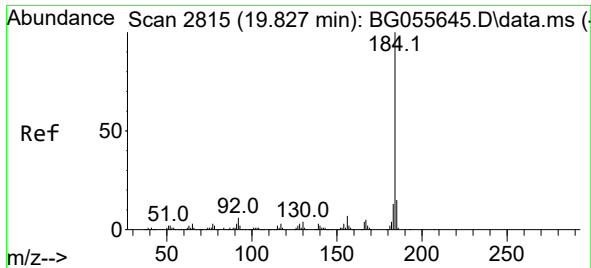
Tgt Ion:248 Resp: 11855
Ion Ratio Lower Upper
248 100
250 189.3 79.0 118.4#
141 426.6 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.875 min Scan# 3163
Delta R.T. -0.005 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

Tgt Ion:240 Resp: 258130
Ion Ratio Lower Upper
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120 7.5 6.3 9.5
236 26.0 21.9 32.9

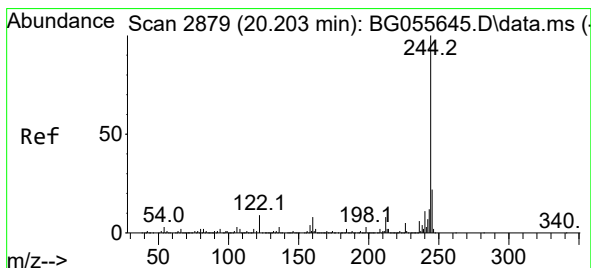
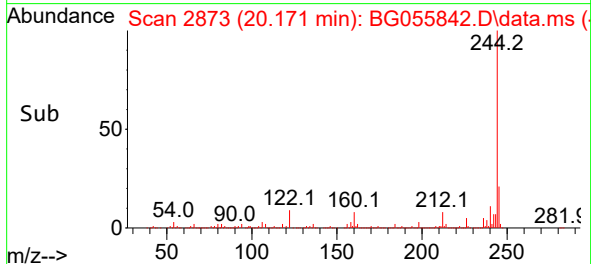
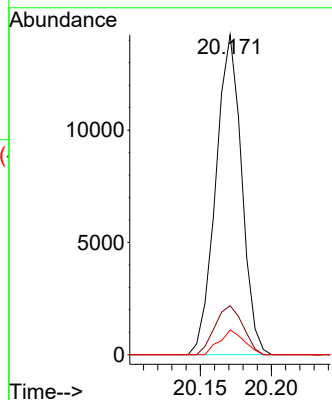
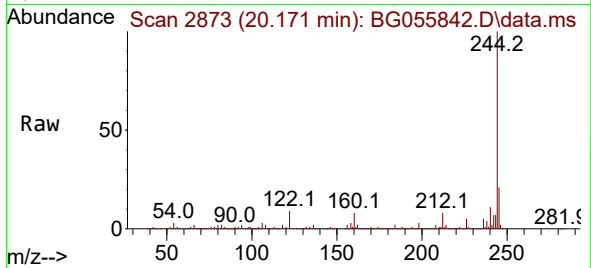




#77
Benzidine
Concen: 3.015 ng
RT: 20.171 min Scan# 2815
Delta R.T. 0.377 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

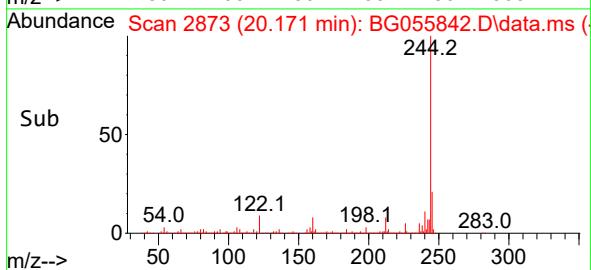
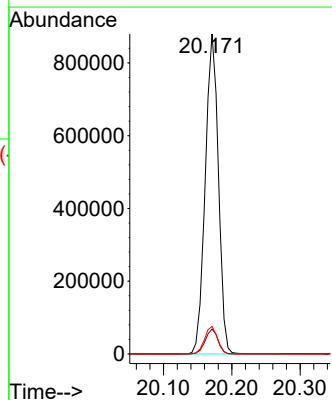
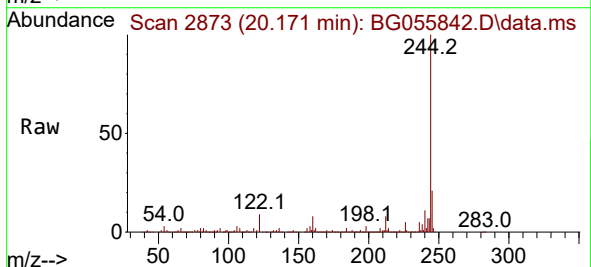
Instrument :
BNA_G
ClientSampleId :
PB148951BL

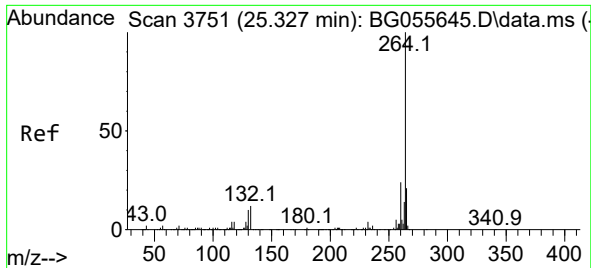
Tgt Ion:184 Resp: 18007
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 7.8 10.6 15.8#



#79
Terphenyl-d14
Concen: 91.251 ng
RT: 20.171 min Scan# 2873
Delta R.T. 0.001 min
Lab File: BG055842.D
Acq: 30 Nov 2022 14:42

Tgt Ion:244 Resp: 1177651
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.6 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.265 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG055842.D
 Acq: 30 Nov 2022 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB148951BL

Tgt Ion:264 Resp: 271169
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.8 17.1 25.7

