

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
 Data File : BG055885.D
 Acq On : 5 Dec 2022 14:46
 Operator : CG/JU
 Sample : PB149340TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149340TB

Quant Time: Dec 06 04:46:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 04:41:17 2022
 Response via : Initial Calibration

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

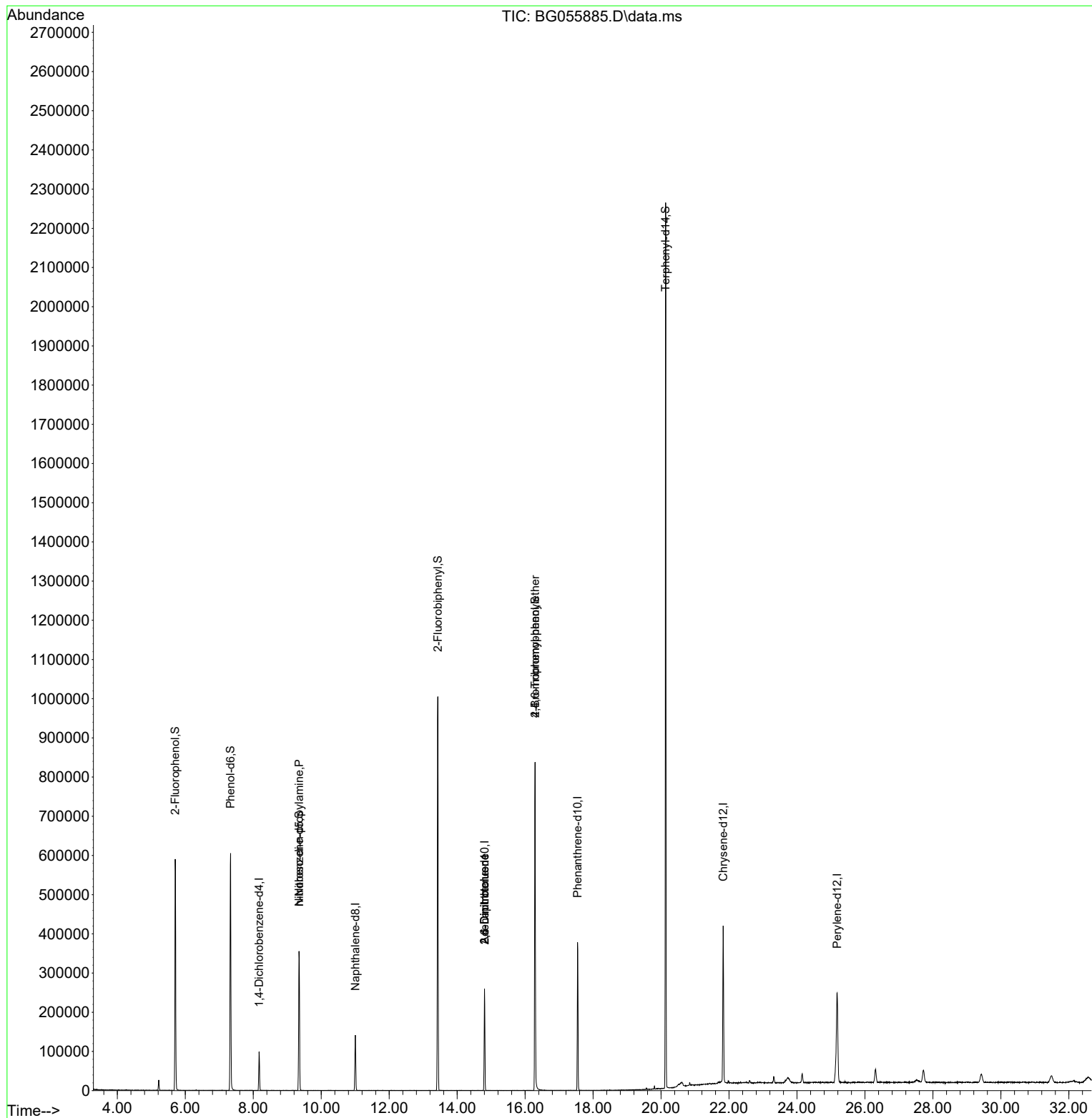
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.171	152	26989	20.000	ng	0.00
21) Naphthalene-d8	11.003	136	119440	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	92608	20.000	ng	0.00
64) Phenanthrene-d10	17.542	188	243379	20.000	ng	0.00
76) Chrysene-d12	21.825	240	251651	20.000	ng	-0.01
86) Perylene-d12	25.180	264	259948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	242424	162.357	ng	0.00
7) Phenol-d6	7.330	99	323119	162.565	ng	0.00
23) Nitrobenzene-d5	9.346	82	201206	89.038	ng	0.00
42) 2,4,6-Tribromophenol	16.291	330	172054	131.939	ng	0.00
45) 2-Fluorobiphenyl	13.429	172	520400	84.185	ng	0.00
79) Terphenyl-d14	20.133	244	1123874	89.326	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.346	70	26886	17.605	ng	# 86
51) 2,6-Dinitrotoluene	14.804	165	11880	7.870	ng	# 24
57) 2,4-Dinitrotoluene	14.804	165	11880	5.582	ng	# 22
67) 4-Bromophenyl-phenylether	16.291	248	11073	3.993	ng	# 1

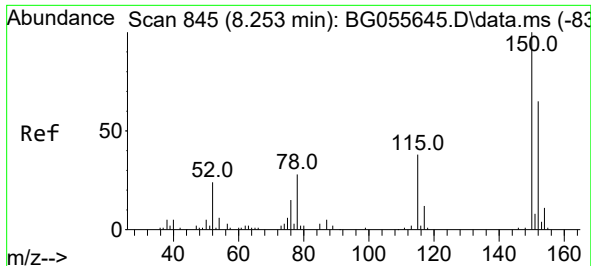
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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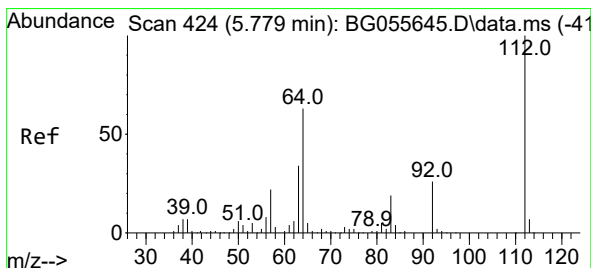
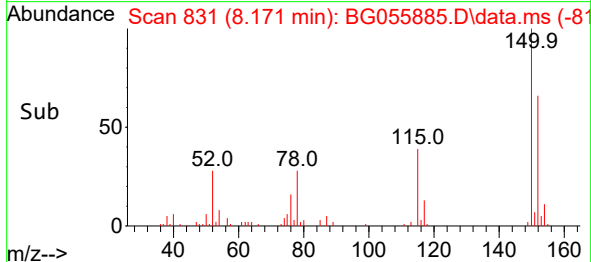
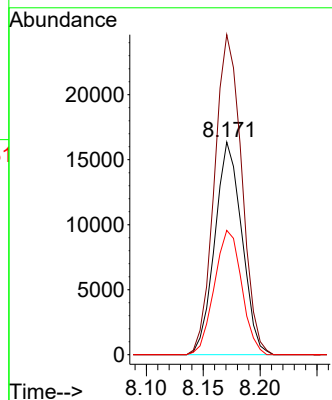
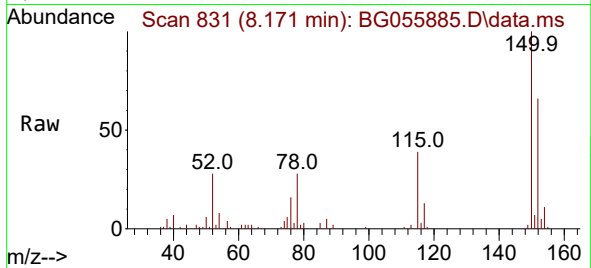




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.171 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

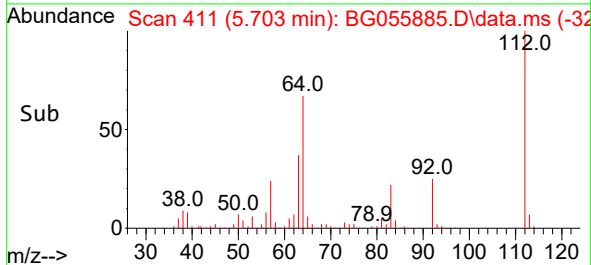
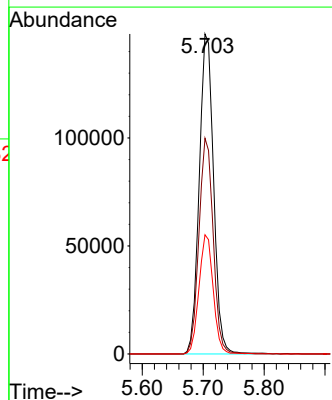
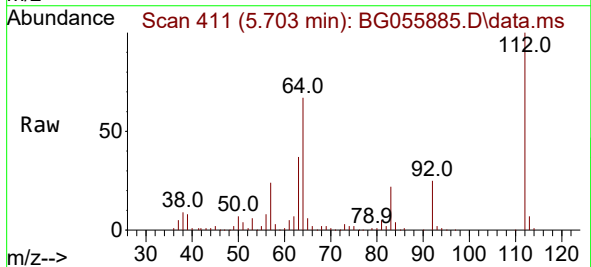
Instrument :
BNA_G
ClientSampleId :
PB149340TB

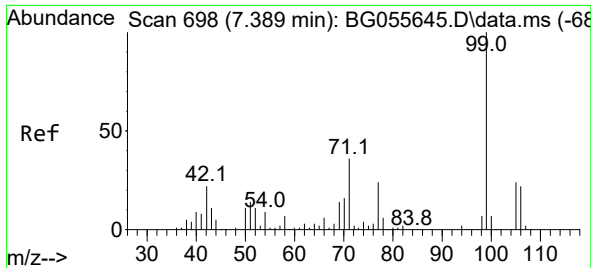
Tgt Ion:152 Resp: 26989
Ion Ratio Lower Upper
152 100
150 150.4 123.0 184.6
115 58.5 47.0 70.4



#5
2-Fluorophenol
Concen: 162.357 ng
RT: 5.703 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

Tgt Ion:112 Resp: 242424
Ion Ratio Lower Upper
112 100
64 67.4 50.6 76.0
63 37.3 27.5 41.3

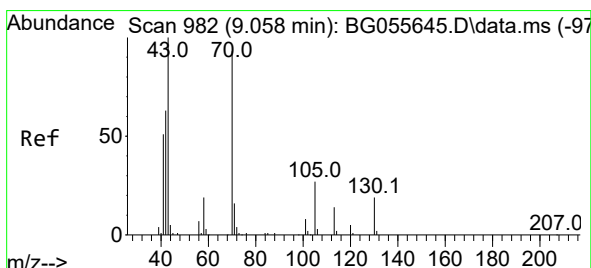
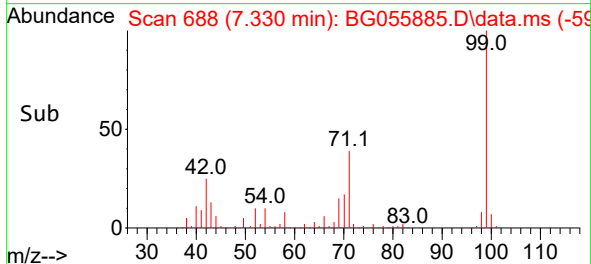
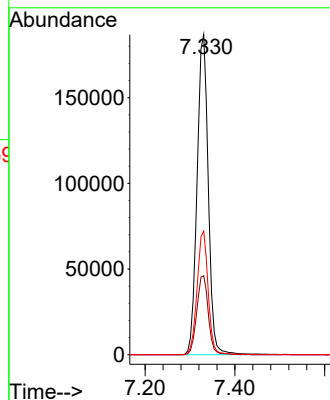
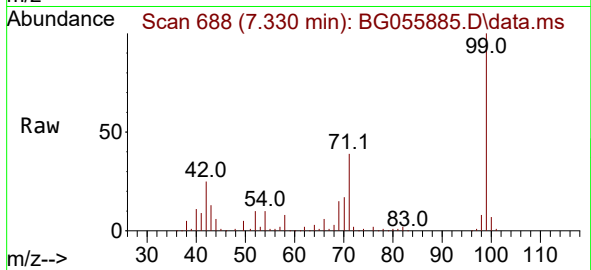




#7
Phenol-d6
Concen: 162.565 ng
RT: 7.330 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

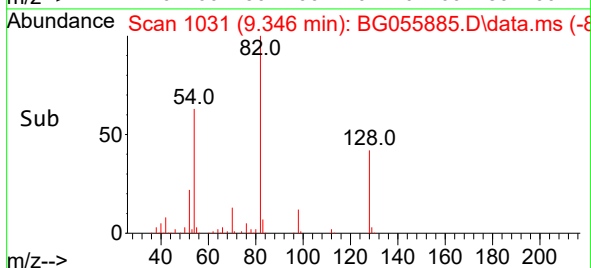
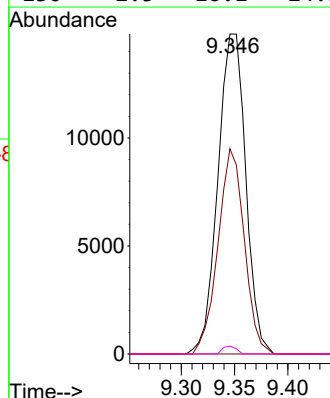
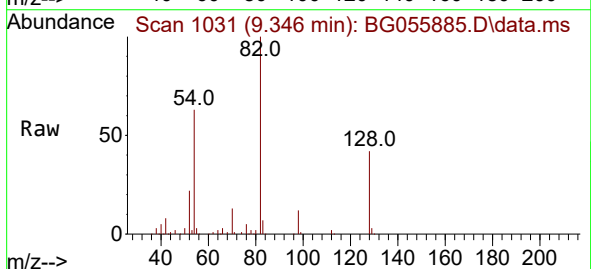
Instrument :
BNA_G
ClientSampleId :
PB149340TB

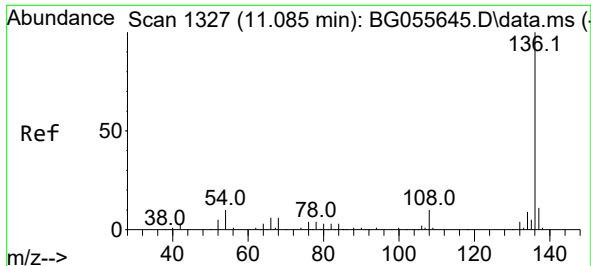
Tgt Ion: 99 Resp: 323119
Ion Ratio Lower Upper
99 100
42 24.6 18.0 27.0
71 38.6 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.605 ng
RT: 9.346 min Scan# 1031
Delta R.T. 0.365 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

Tgt Ion: 70 Resp: 26886
Ion Ratio Lower Upper
70 100
42 64.1 55.2 82.8
101 0.0 7.1 10.7#
130 2.5 16.1 24.1#

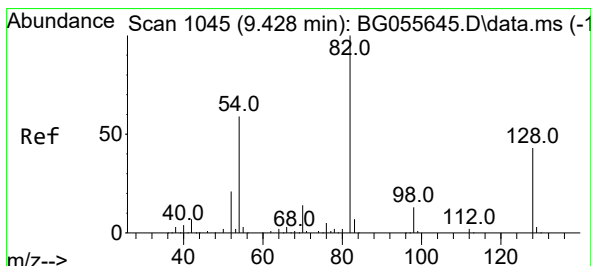
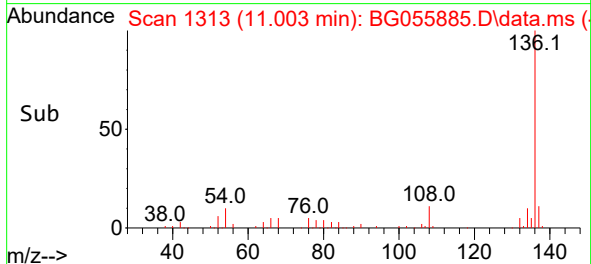
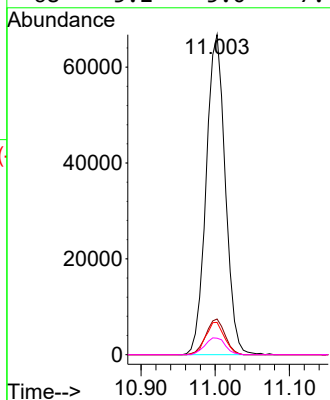
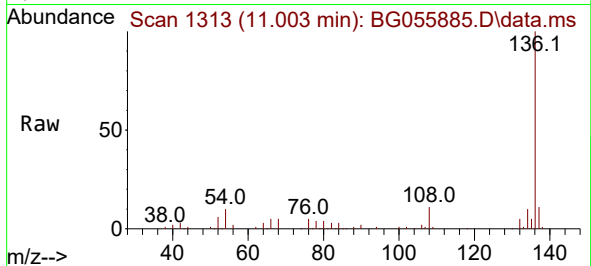




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.003 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

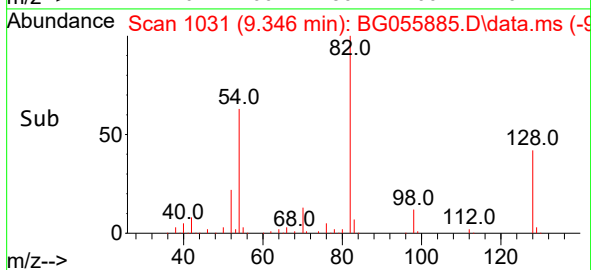
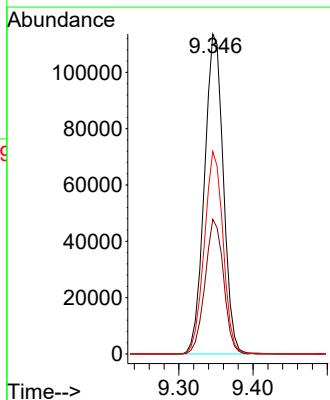
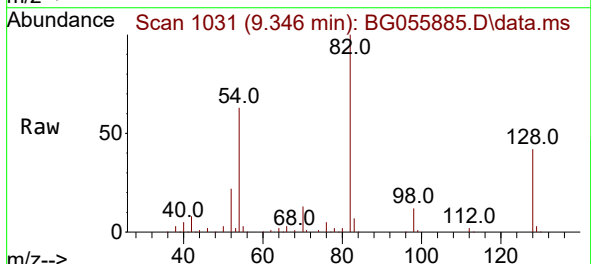
Instrument :
BNA_G
ClientSampleId :
PB149340TB

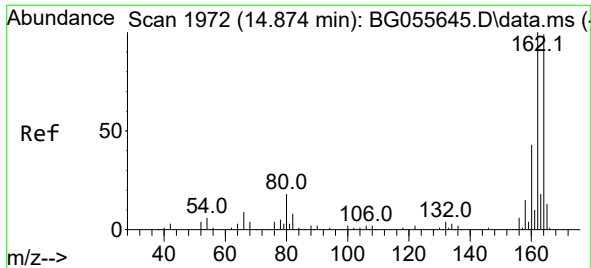
Tgt Ion:	136	Resp:	119440
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	10.1	7.8	11.6
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 89.038 ng
RT: 9.346 min Scan# 1031
Delta R.T. -0.005 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

Tgt Ion:	82	Resp:	201206
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.1	51.1
54	63.3	47.3	70.9

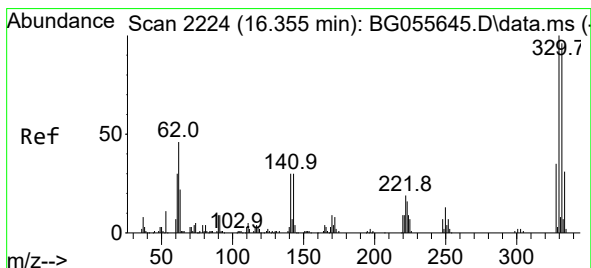
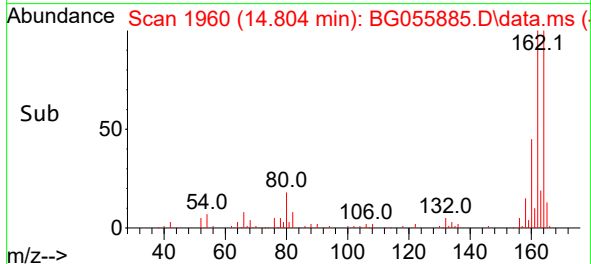
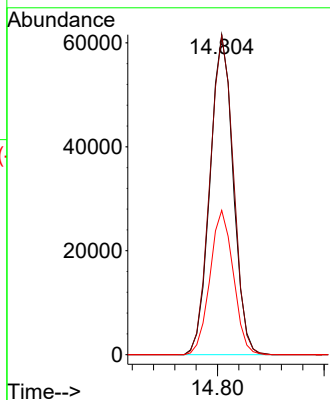
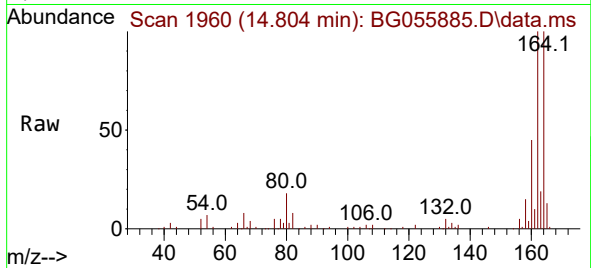




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.804 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

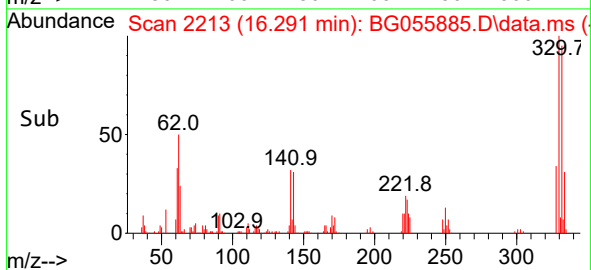
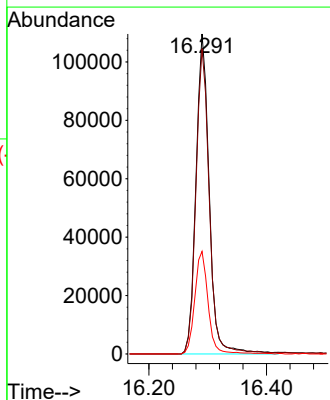
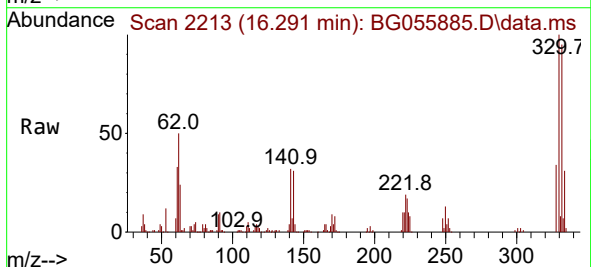
Instrument :
BNA_G
ClientSampleId :
PB149340TB

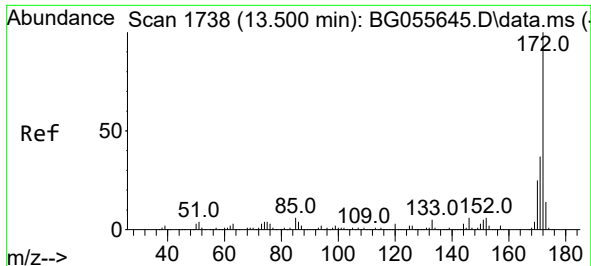
Tgt Ion:164 Resp: 92608
Ion Ratio Lower Upper
164 100
162 99.7 81.1 121.7
160 45.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 131.939 ng
RT: 16.291 min Scan# 2213
Delta R.T. -0.005 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

Tgt Ion:330 Resp: 172054
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 32.2 23.9 35.9

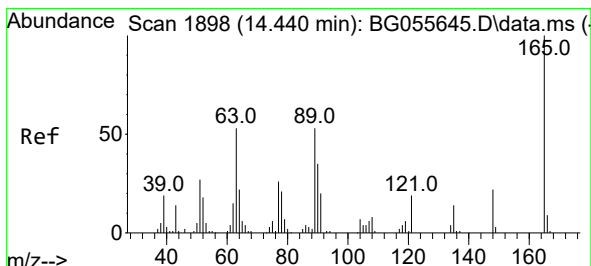
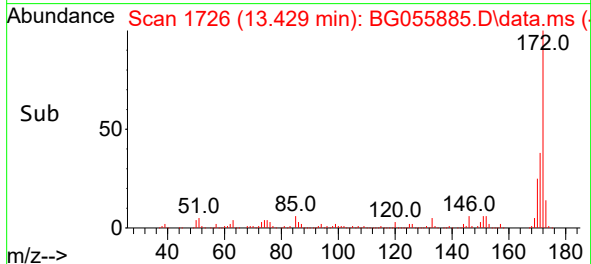
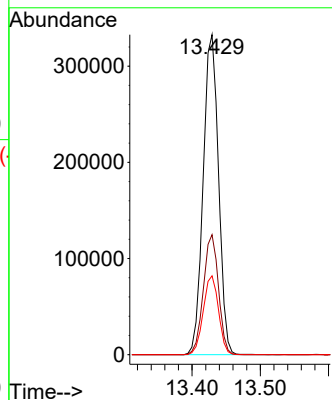
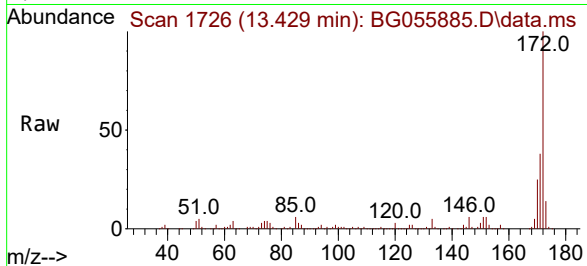




#45
2-Fluorobiphenyl
Concen: 84.185 ng
RT: 13.429 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

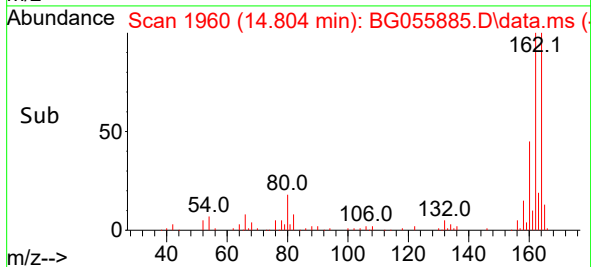
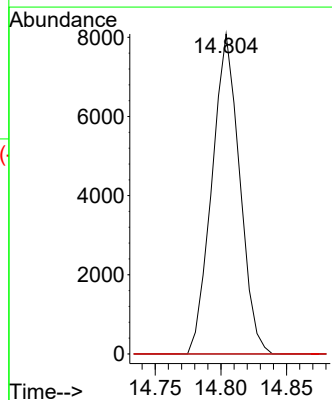
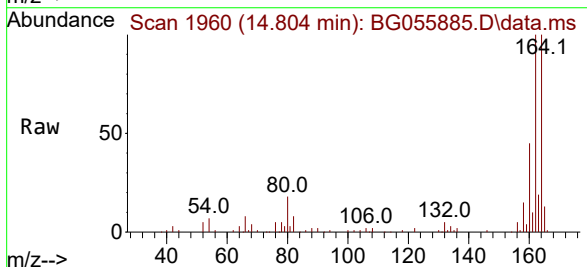
Instrument :
BNA_G
ClientSampleId :
PB149340TB

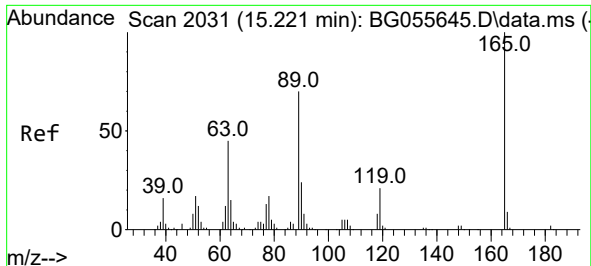
Tgt Ion:172 Resp: 520400
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.870 ng
RT: 14.804 min Scan# 1960
Delta R.T. 0.424 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

Tgt Ion:165 Resp: 11880
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: 5.582 ng

RT: 14.804 min Scan# 1960

Delta R.T. -0.363 min

Lab File: BG055885.D

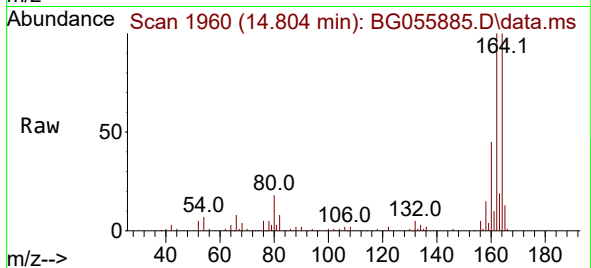
Acq: 5 Dec 2022 14:46

Instrument :

BNA_G

ClientSampleId :

PB149340TB



Tgt Ion:165 Resp: 11880

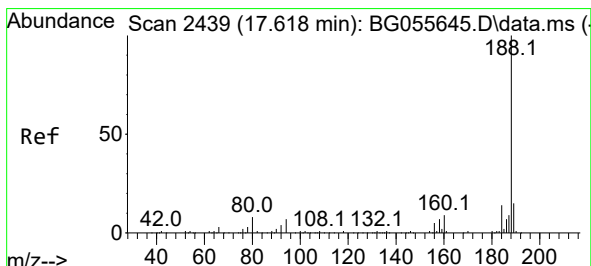
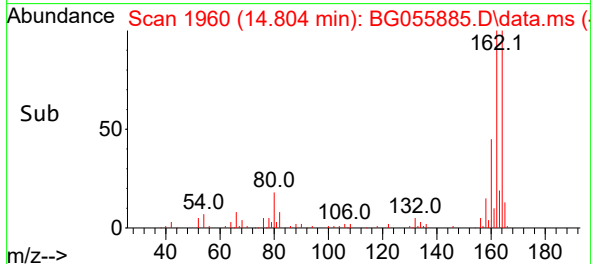
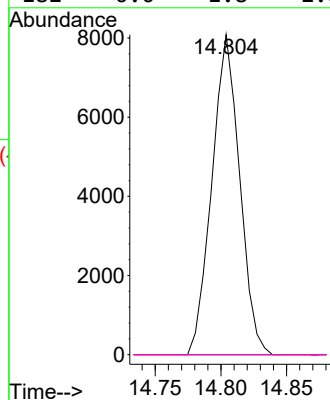
Ion Ratio Lower Upper

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: 17.542 min Scan# 2426

Delta R.T. -0.005 min

Lab File: BG055885.D

Acq: 5 Dec 2022 14:46

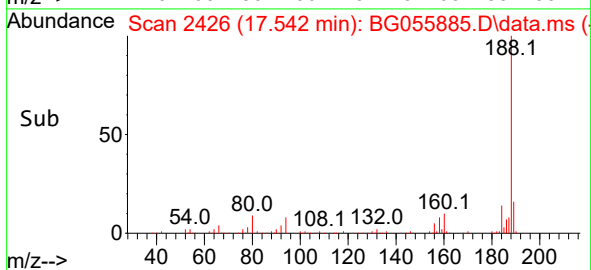
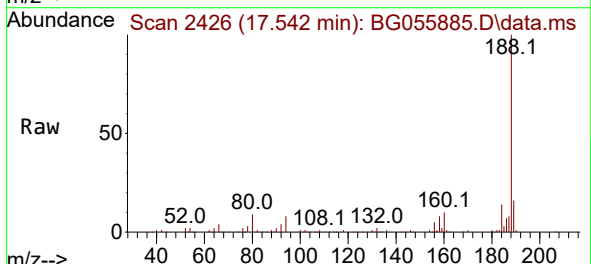
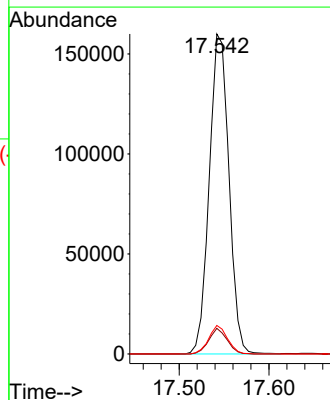
Tgt Ion:188 Resp: 243379

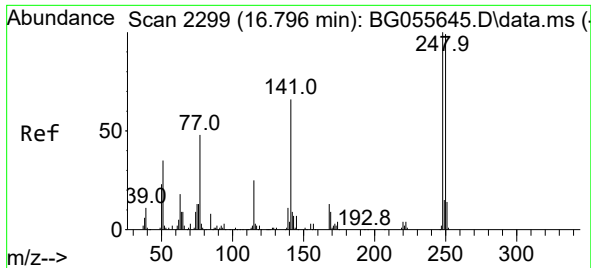
Ion Ratio Lower Upper

188 100

94 8.0 5.4 8.2

80 8.9 6.6 10.0

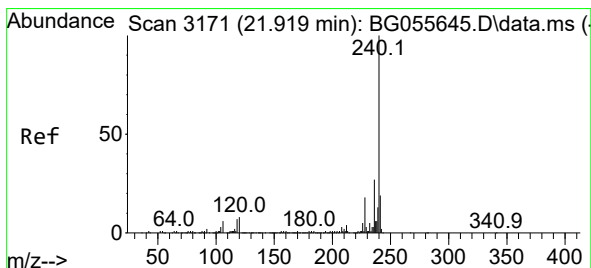
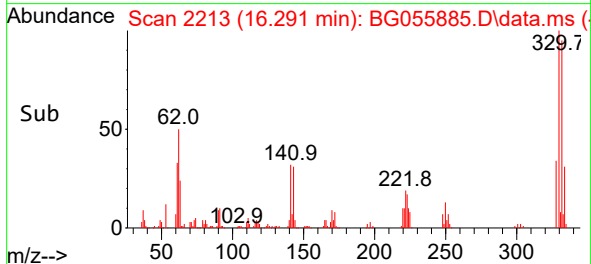
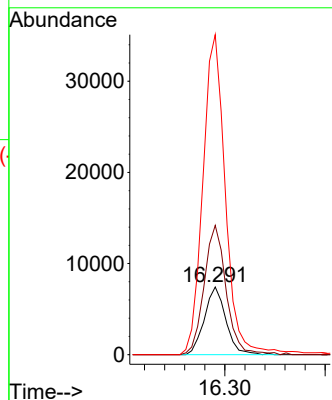
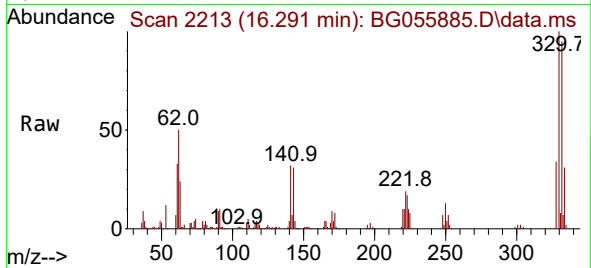




#67
4-Bromophenyl-phenylether
Concen: 3.993 ng
RT: 16.291 min Scan# 211
Delta R.T. -0.440 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

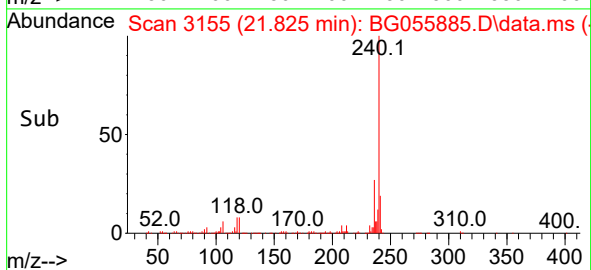
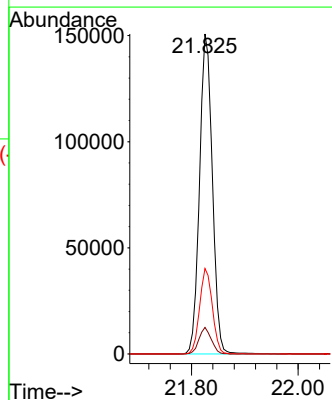
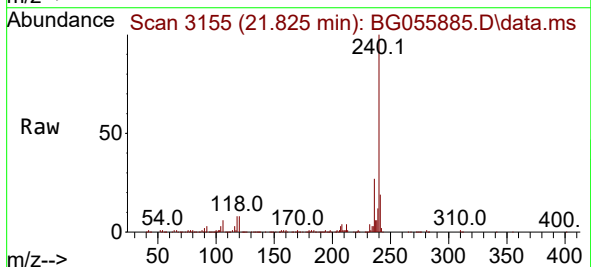
Instrument :
BNA_G
ClientSampleId :
PB149340TB

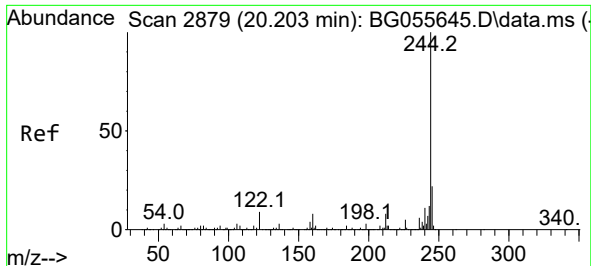
Tgt Ion:248 Resp: 11073
Ion Ratio Lower Upper
248 100
250 191.1 79.0 118.4#
141 472.8 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.011 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

Tgt Ion:240 Resp: 251651
Ion Ratio Lower Upper
240 100
120 8.3 6.3 9.5
236 26.7 21.9 32.9

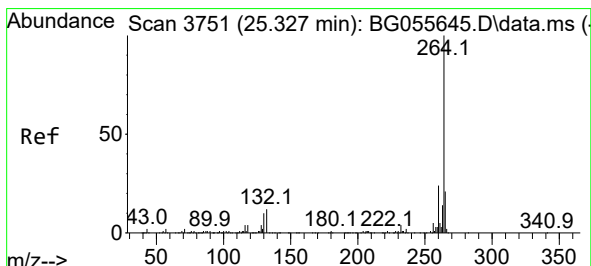
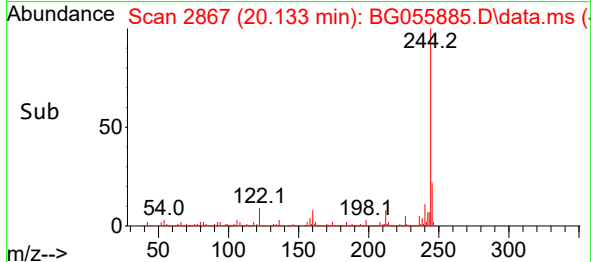
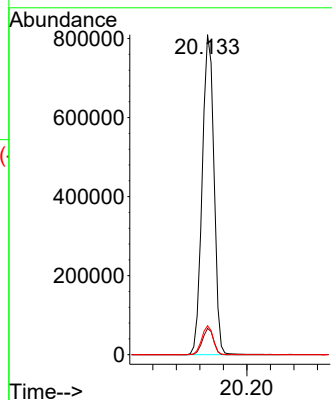
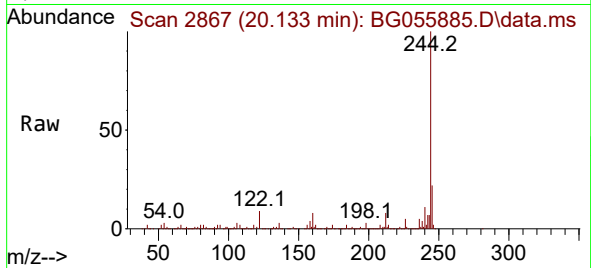




#79
 Terphenyl-d14
 Concen: 89.326 ng
 RT: 20.133 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055885.D
 Acq: 5 Dec 2022 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB149340TB

Tgt Ion:244 Resp: 1123874
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 9.1 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.180 min Scan# 3726
 Delta R.T. 0.001 min
 Lab File: BG055885.D
 Acq: 5 Dec 2022 14:46

Tgt Ion:264 Resp: 259948
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.3 17.1 25.7

