

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055186.D
 Acq On : 14 Oct 2022 20:28
 Operator : CG/JU
 Sample : N5142-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

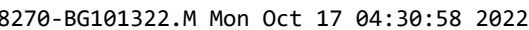
Instrument :
 BNA_G
 ClientSampleId :
 WC-9

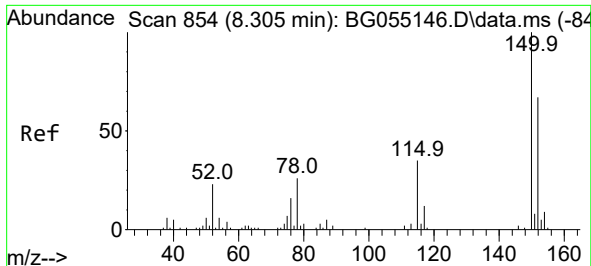
Quant Time: Oct 17 04:30:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.308	152	41110	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	174087	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	111754	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	221878	20.000	ng	0.00
76) Chrysene-d12	21.933	240	196124	20.000	ng	0.00
86) Perylene-d12	25.359	264	173494	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.823	112	228345	108.672	ng	0.00
7) Phenol-d6	7.438	99	307958	99.076	ng	0.00
23) Nitrobenzene-d5	9.477	82	196551	60.544	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	151278	94.209	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	472455	69.061	ng	0.00
79) Terphenyl-d14	20.224	244	619867	63.655	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.477	70	27672	11.031	ng	# 76
51) 2,6-Dinitrotoluene	14.918	165	14792	8.002	ng	# 22
57) 2,4-Dinitrotoluene	14.918	165	14792	5.463	ng	# 24
67) 4-Bromophenyl-phenylether	16.393	248	9463	3.912	ng	# 1

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

Quant Time: Oct 17 04:30:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

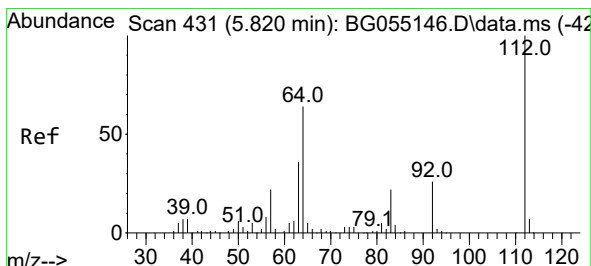
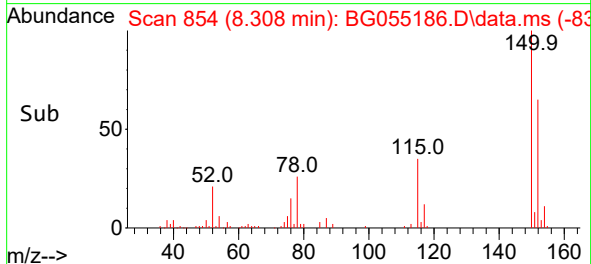
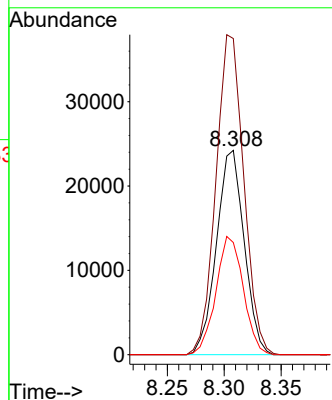
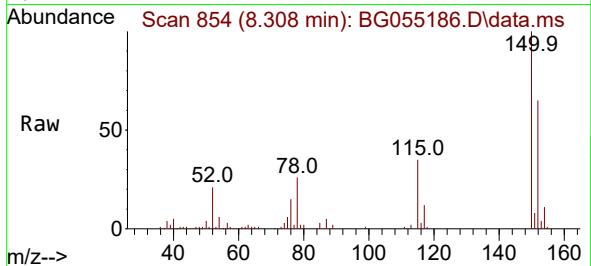




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.308 min Scan# 854
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

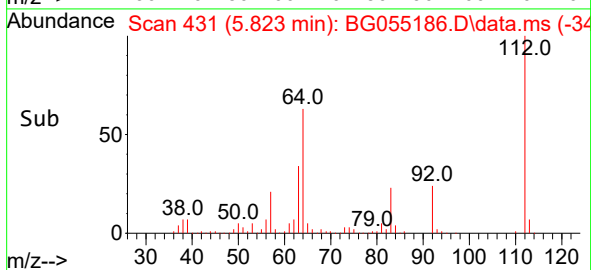
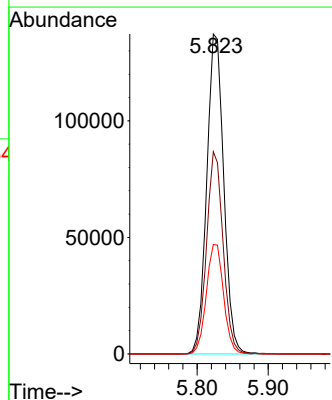
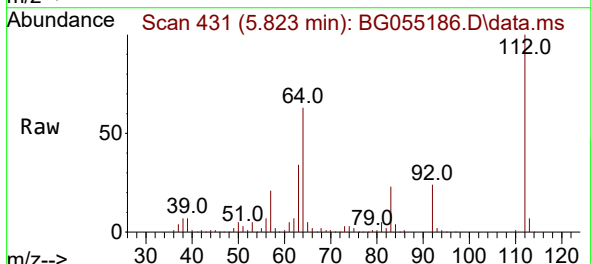
Instrument :
BNA_G
ClientSampleId :
WC-9

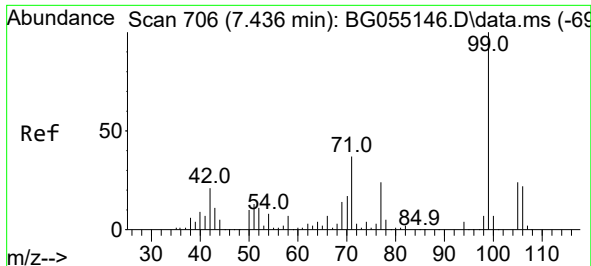
Tgt Ion:152 Resp: 41110
Ion Ratio Lower Upper
152 100
150 154.7 119.7 179.5
115 54.9 42.4 63.6



#5
2-Fluorophenol
Concen: 108.672 ng
RT: 5.823 min Scan# 431
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

Tgt Ion:112 Resp: 228345
Ion Ratio Lower Upper
112 100
64 63.2 50.9 76.3
63 34.2 29.0 43.6

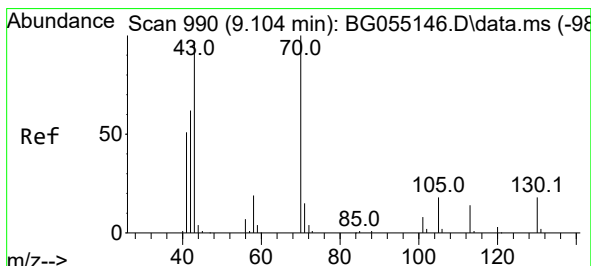
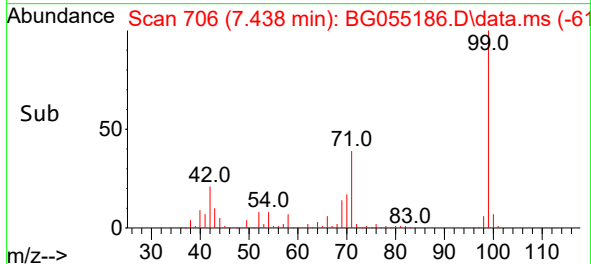
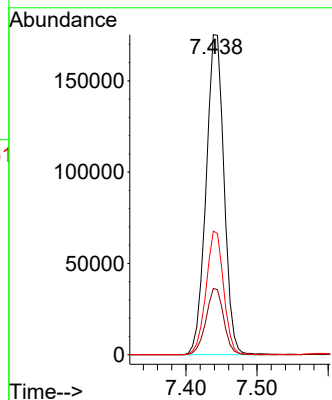
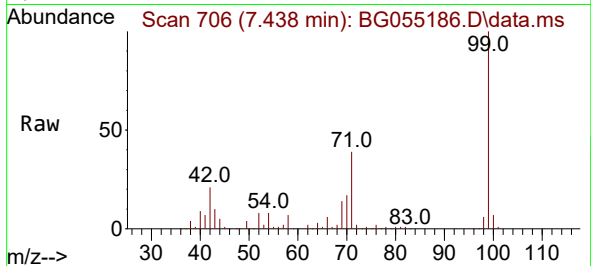




#7
Phenol-d6
Concen: 99.076 ng
RT: 7.438 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

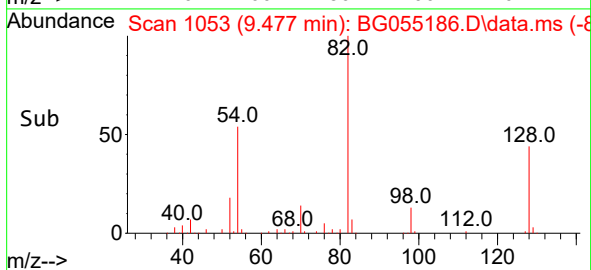
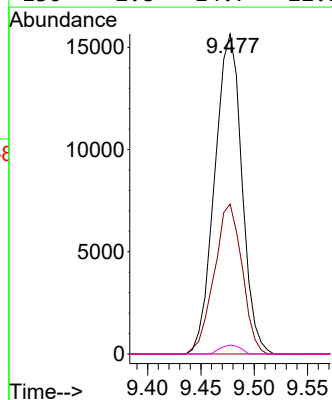
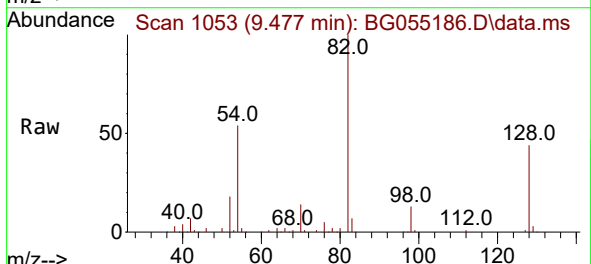
Instrument :
BNA_G
ClientSampleId :
WC-9

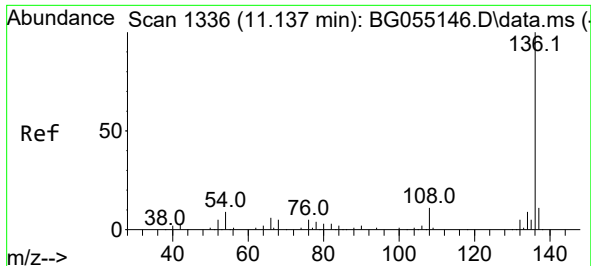
Tgt Ion: 99 Resp: 307958
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 38.6 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.031 ng
RT: 9.477 min Scan# 1053
Delta R.T. 0.373 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

Tgt Ion: 70 Resp: 27672
Ion Ratio Lower Upper
70 100
42 46.8 50.1 75.1#
101 0.0 6.6 10.0#
130 2.8 14.7 22.1#

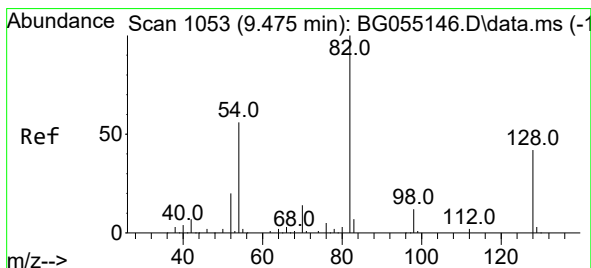
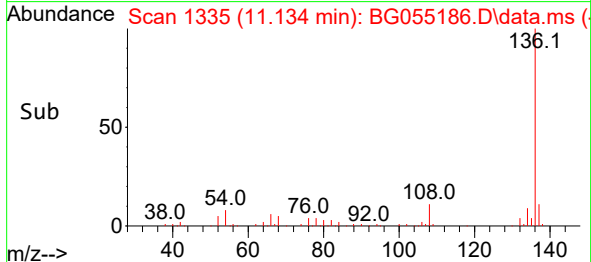
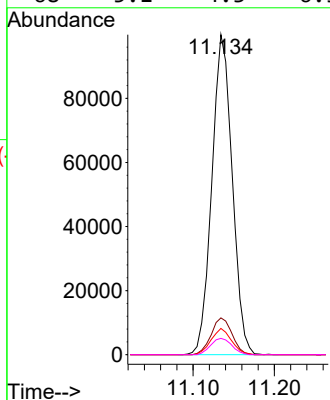
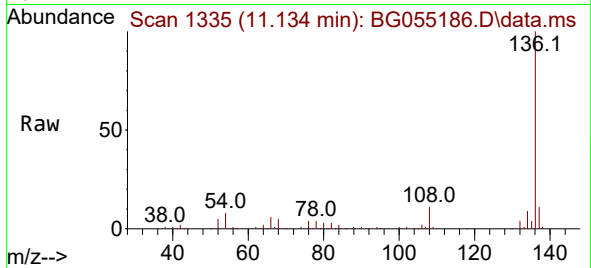




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

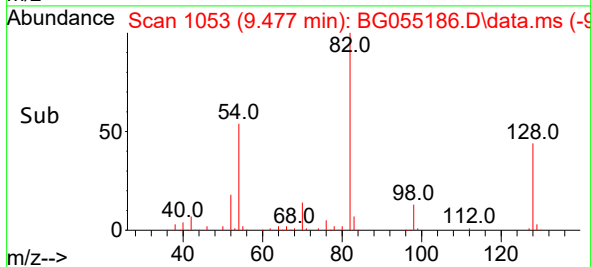
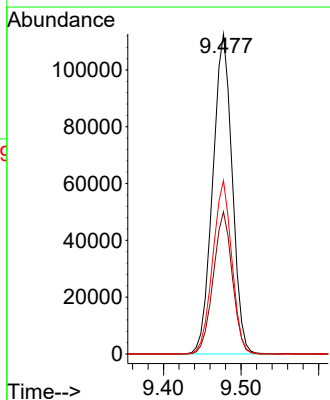
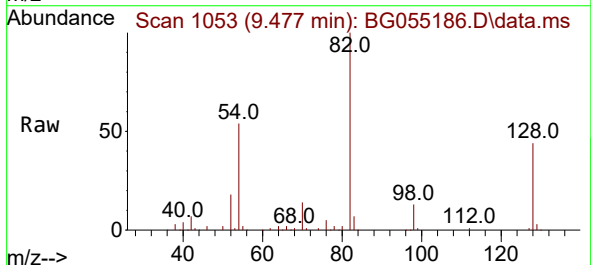
Instrument :
BNA_G
ClientSampleId :
WC-9

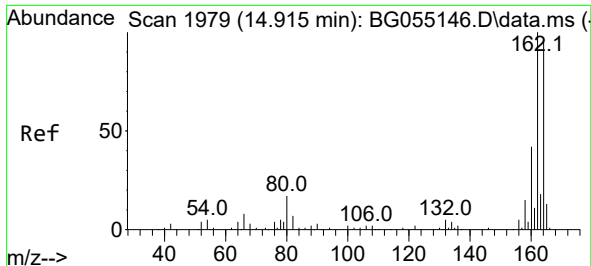
Tgt Ion:	136	Resp:	174087
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.2	7.0	10.6
68	5.1	4.3	6.5



#23
Nitrobenzene-d5
Concen: 60.544 ng
RT: 9.477 min Scan# 1053
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

Tgt Ion:	82	Resp:	196551
Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.5	50.3
54	54.2	44.7	67.1

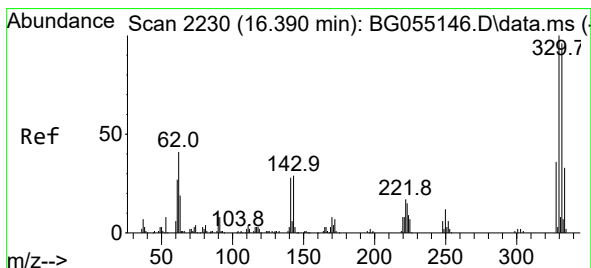
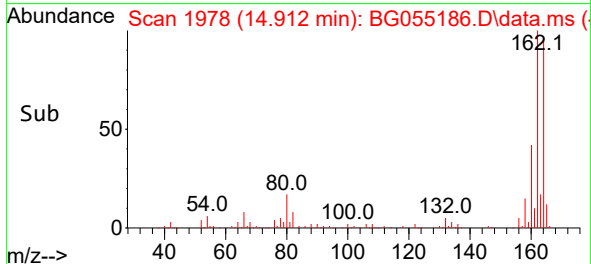
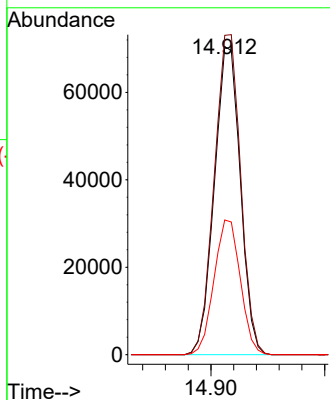
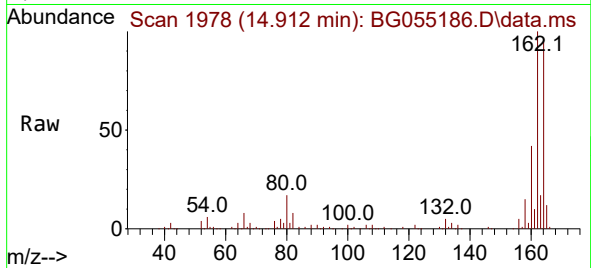




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.912 min Scan# 1978
Delta R.T. -0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

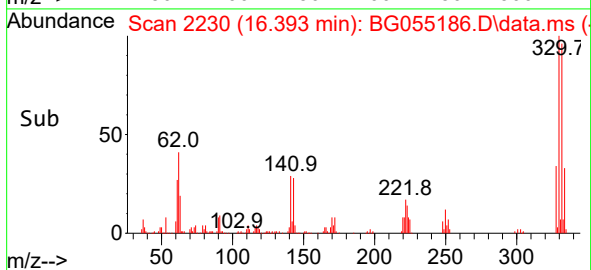
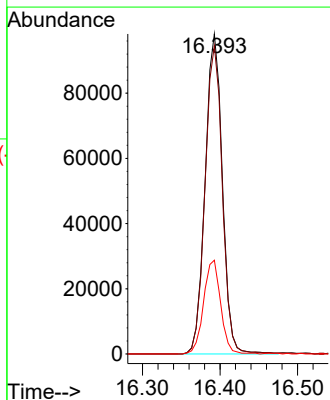
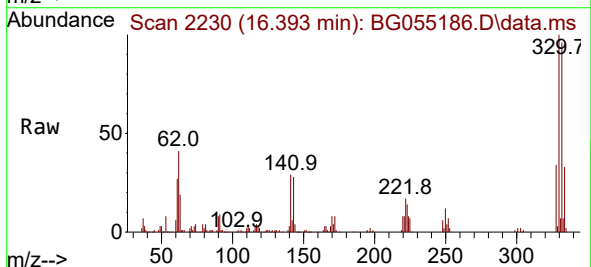
Instrument :
BNA_G
ClientSampleId :
WC-9

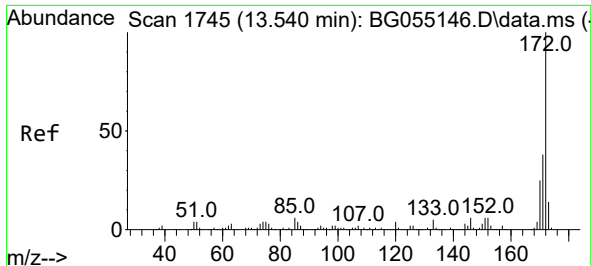
Tgt Ion:164 Resp: 111754
Ion Ratio Lower Upper
164 100
162 103.7 83.3 124.9
160 43.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 94.209 ng
RT: 16.393 min Scan# 2230
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

Tgt Ion:330 Resp: 151278
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 29.0 24.6 36.8

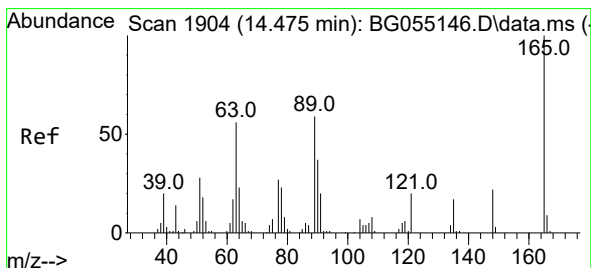
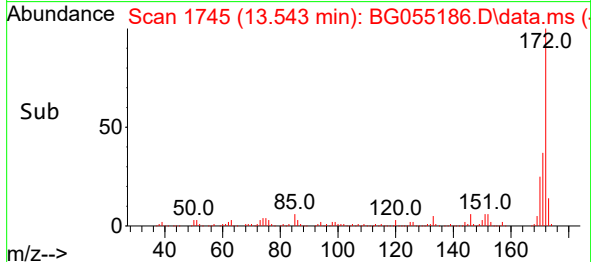
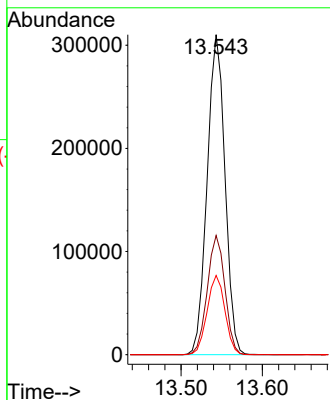
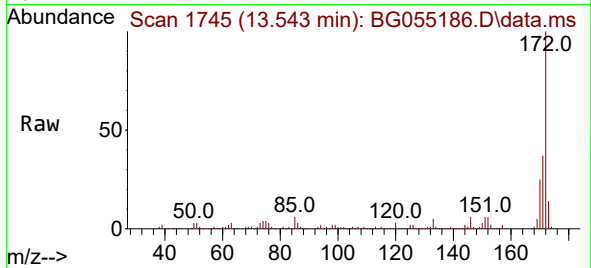




#45
2-Fluorobiphenyl
Concen: 69.061 ng
RT: 13.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

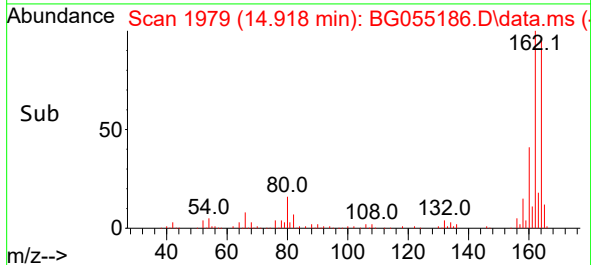
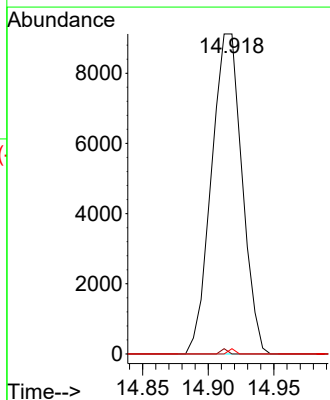
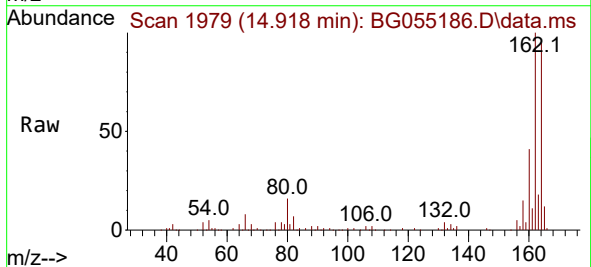
Instrument :
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ClientSampleId :
WC-9

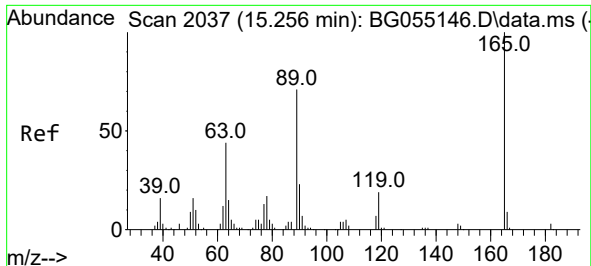
Tgt Ion:172 Resp: 472455
Ion Ratio Lower Upper
172 100
171 37.3 30.1 45.1
170 24.7 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.002 ng
RT: 14.918 min Scan# 1979
Delta R.T. 0.443 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

Tgt Ion:165 Resp: 14792
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 1.7 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.463 ng

RT: 14.918 min Scan# 14

Delta R.T. -0.338 min

Lab File: BG055186.D

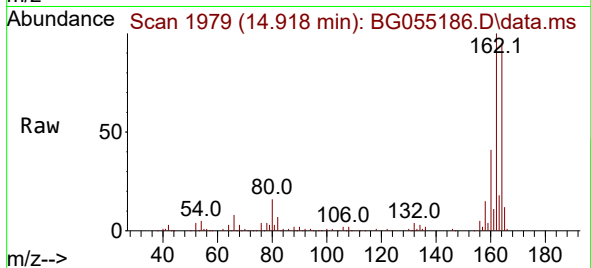
Acq: 14 Oct 2022 20:28

Instrument :

BNA_G

ClientSampleId :

WC-9



Tgt Ion:165 Resp: 14792

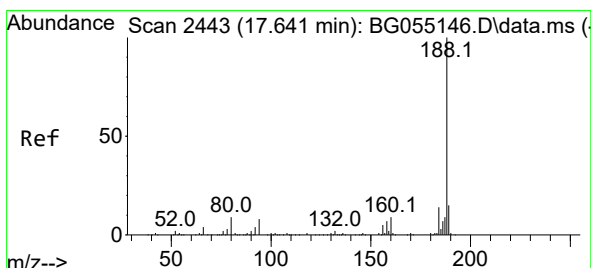
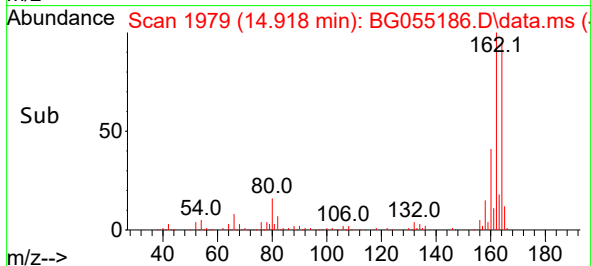
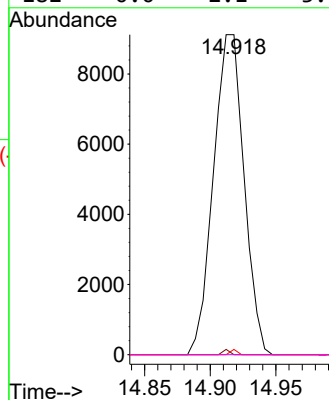
Ion Ratio Lower Upper

165 100

63 0.0 35.6 53.4#

89 1.7 56.4 84.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.650 min Scan# 2444

Delta R.T. 0.009 min

Lab File: BG055186.D

Acq: 14 Oct 2022 20:28

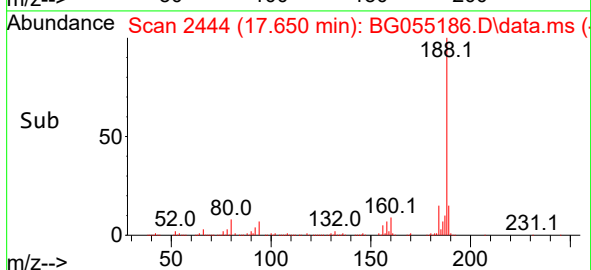
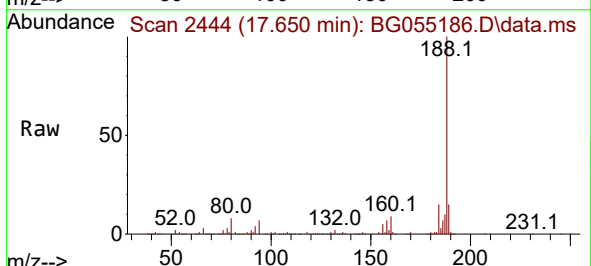
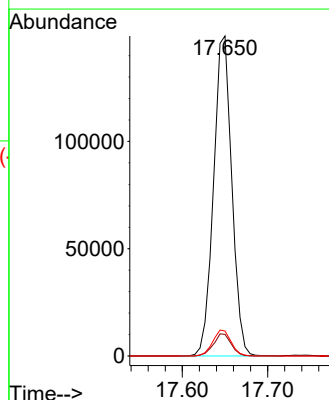
Tgt Ion:188 Resp: 221878

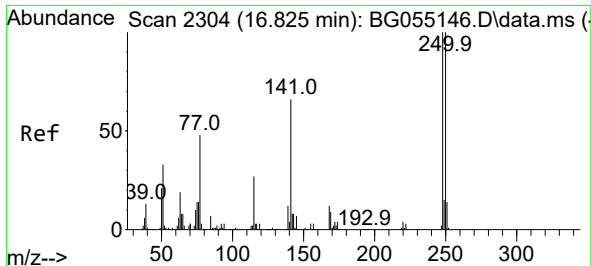
Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.2

80 7.8 7.0 10.6

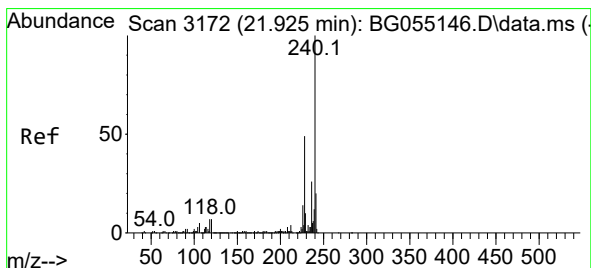
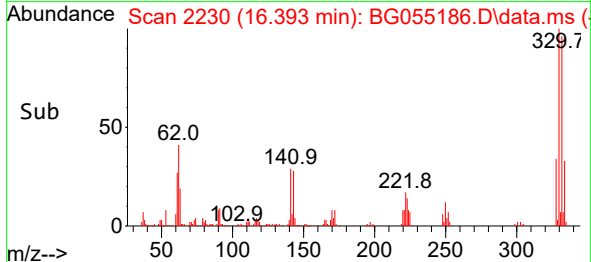
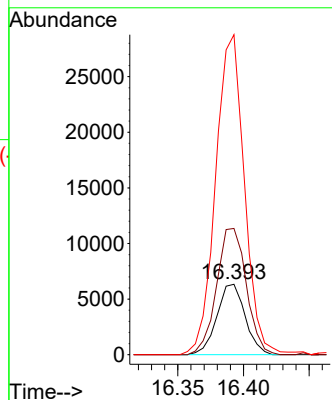
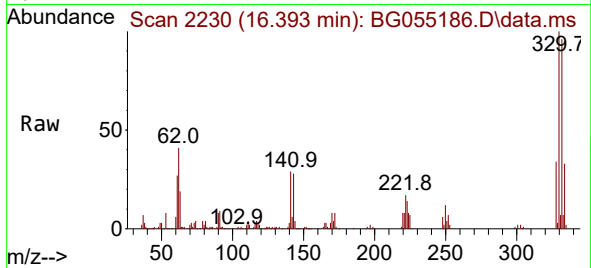




#67
4-Bromophenyl-phenylether
Concen: 3.912 ng
RT: 16.393 min Scan# 21
Delta R.T. -0.432 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

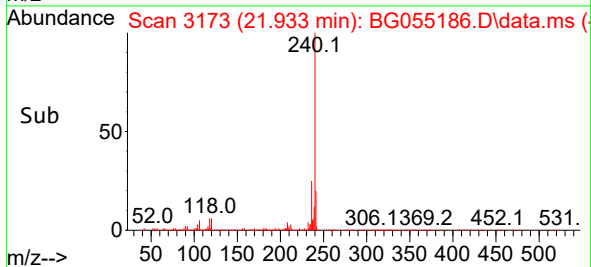
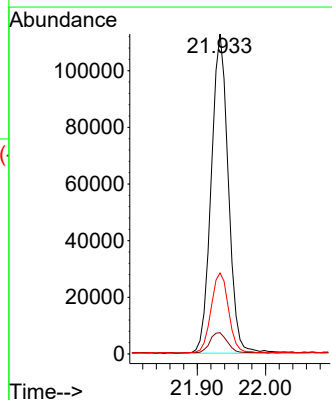
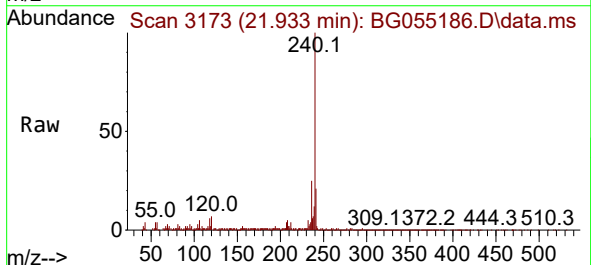
Instrument :
BNA_G
ClientSampleId :
WC-9

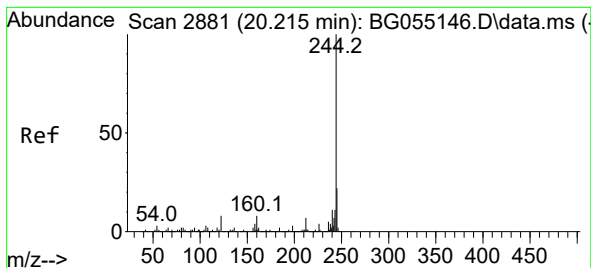
Tgt Ion:248 Resp: 9463
Ion Ratio Lower Upper
248 100
250 179.4 80.1 120.1#
141 454.9 53.1 79.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3173
Delta R.T. 0.009 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

Tgt Ion:240 Resp: 196124
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 63.655 ng

RT: 20.224 min Scan# 2

Delta R.T. 0.009 min

Lab File: BG055186.D

Acq: 14 Oct 2022 20:28

Instrument :

BNA_G

ClientSampleId :

WC-9

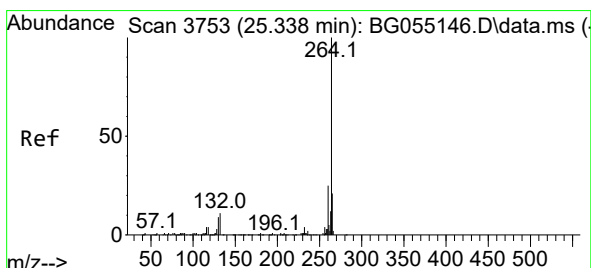
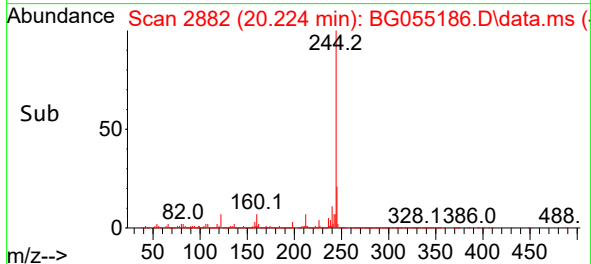
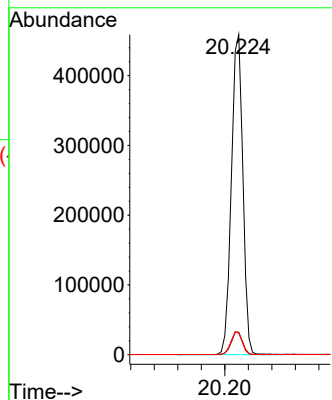
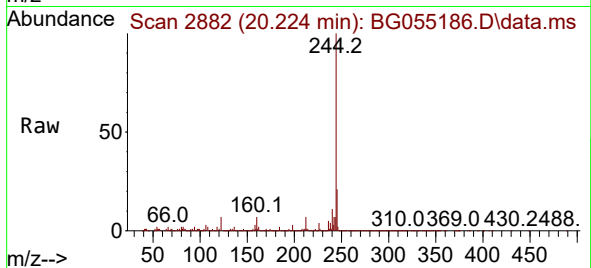
Tgt Ion:244 Resp: 619867

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 6.7 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.359 min Scan# 3756

Delta R.T. 0.020 min

Lab File: BG055186.D

Acq: 14 Oct 2022 20:28

Tgt Ion:264 Resp: 173494

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 23.2 16.8 25.2

