

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055185.D
 Acq On : 14 Oct 2022 19:46
 Operator : CG/JU
 Sample : N5142-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Oct 17 04:30:41 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)

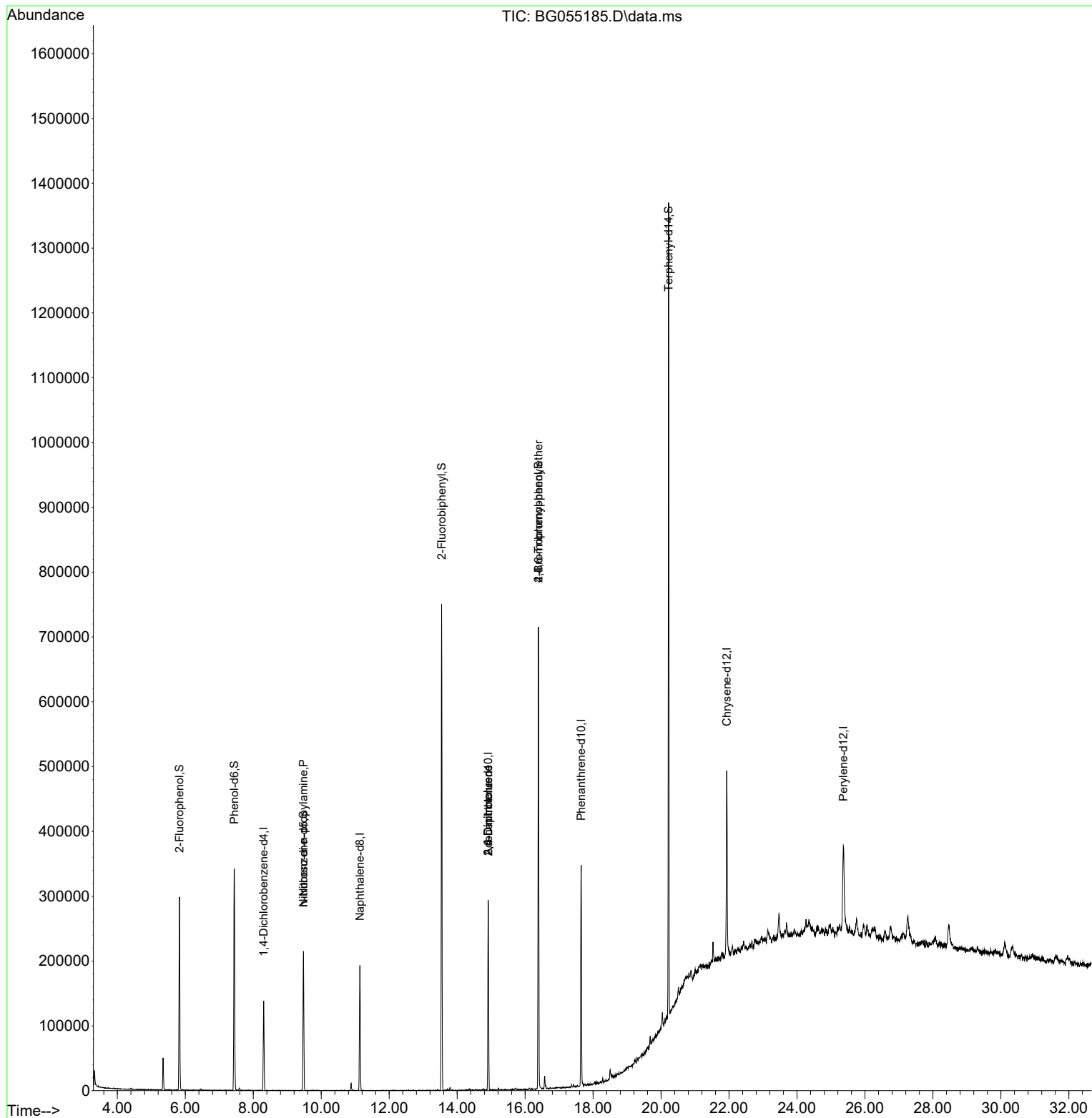
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	40459	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	167638	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	108610	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	218093	20.000	ng	0.00
76) Chrysene-d12	21.931	240	195141	20.000	ng	0.00
86) Perylene-d12	25.362	264	176768	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	136019	65.775	ng	0.00
7) Phenol-d6	7.436	99	204028	66.696	ng	0.00
23) Nitrobenzene-d5	9.475	82	126348	40.417	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	150688	96.558	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	387835	58.333	ng	0.00
79) Terphenyl-d14	20.221	244	638830	65.933	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.475	70	17843	7.227	ng	# 74
51) 2,6-Dinitrotoluene	14.910	165	14018	7.803	ng	# 21
57) 2,4-Dinitrotoluene	14.910	165	14018	5.327	ng	# 23
67) 4-Bromophenyl-phenylether	16.390	248	9332	3.925	ng	# 1

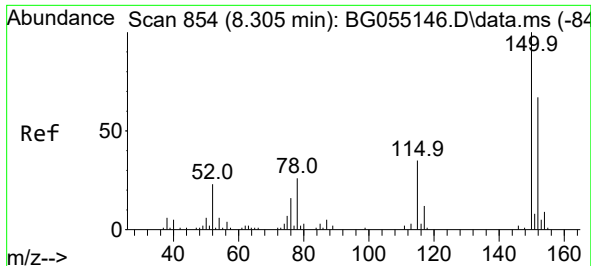
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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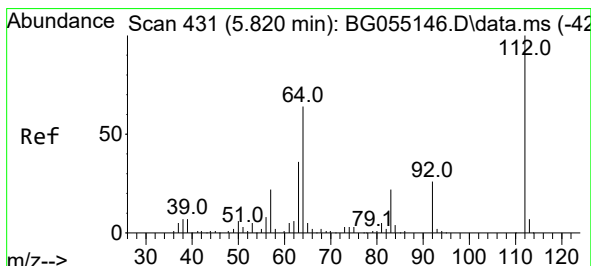
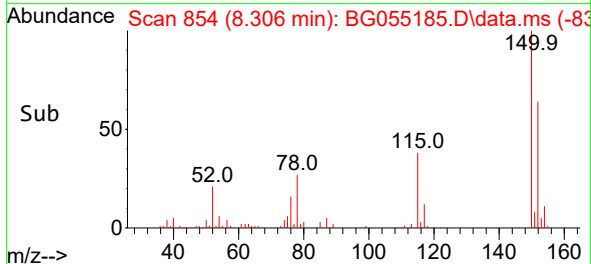
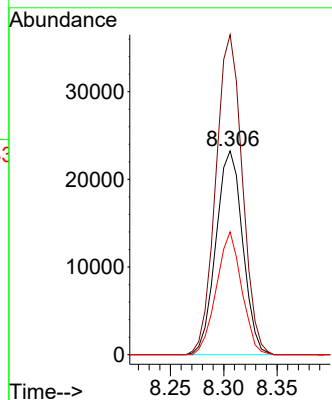
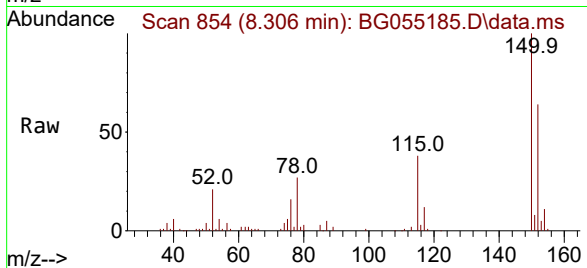




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

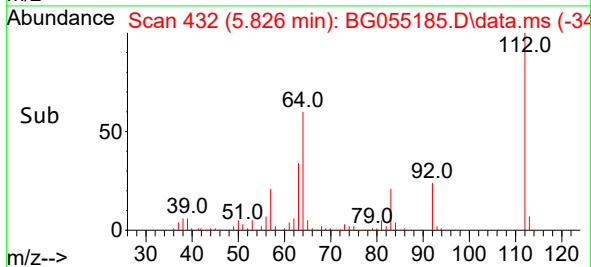
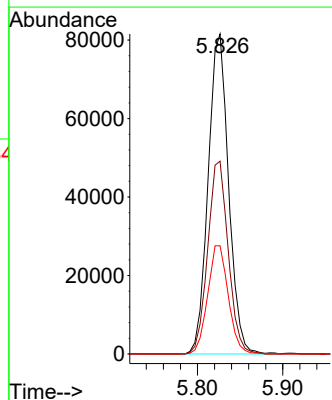
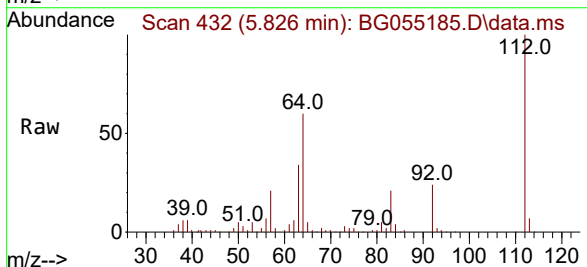
Instrument :
BNA_G
ClientSampleId :
WC-1

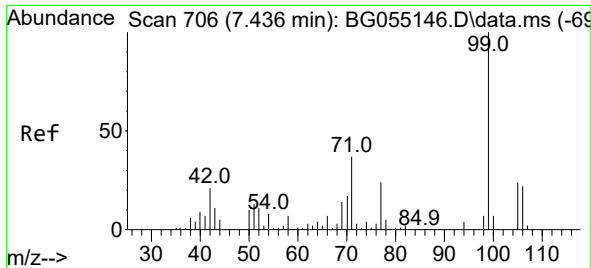
Tgt Ion:152 Resp: 40459
Ion Ratio Lower Upper
152 100
150 157.0 119.7 179.5
115 60.3 42.4 63.6



#5
2-Fluorophenol
Concen: 65.775 ng
RT: 5.826 min Scan# 432
Delta R.T. 0.006 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

Tgt Ion:112 Resp: 136019
Ion Ratio Lower Upper
112 100
64 60.2 50.9 76.3
63 33.8 29.0 43.6

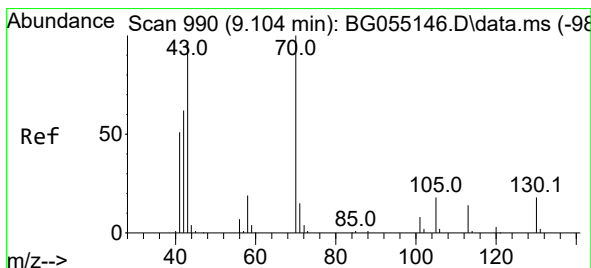
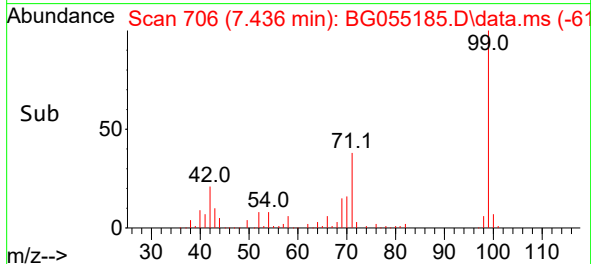
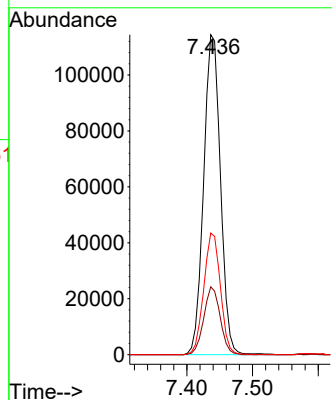
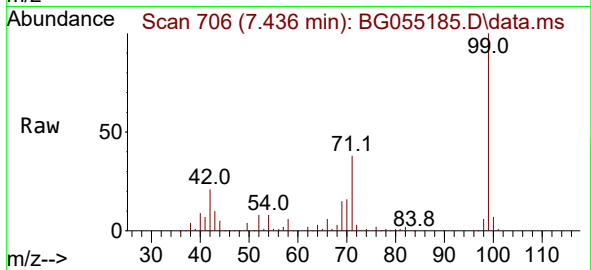




#7
Phenol-d6
Concen: 66.696 ng
RT: 7.436 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

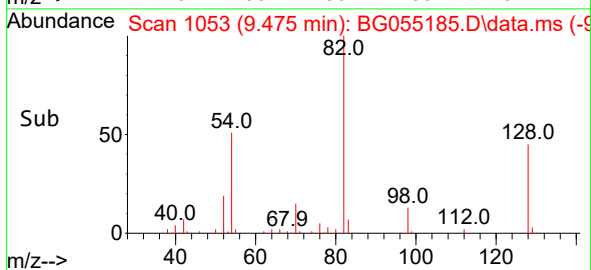
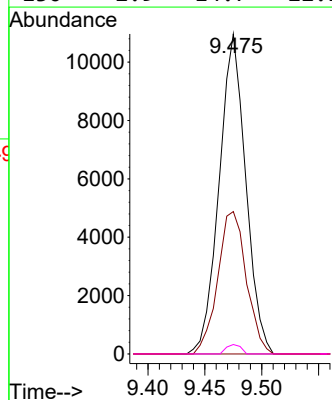
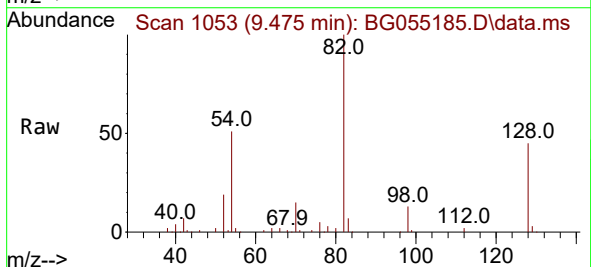
Instrument :
BNA_G
ClientSampleId :
WC-1

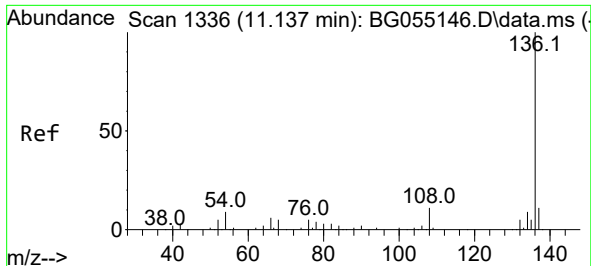
Tgt Ion: 99 Resp: 204028
Ion Ratio Lower Upper
99 100
42 21.2 16.6 25.0
71 38.0 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 7.227 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.371 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

Tgt Ion: 70 Resp: 17843
Ion Ratio Lower Upper
70 100
42 44.5 50.1 75.1#
101 0.0 6.6 10.0#
130 2.9 14.7 22.1#

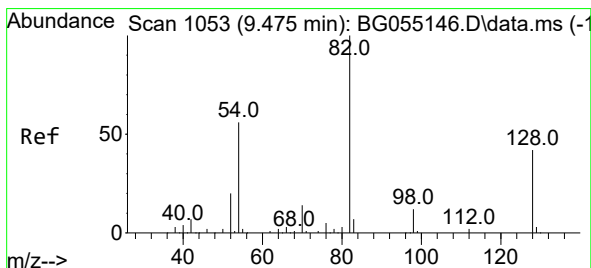
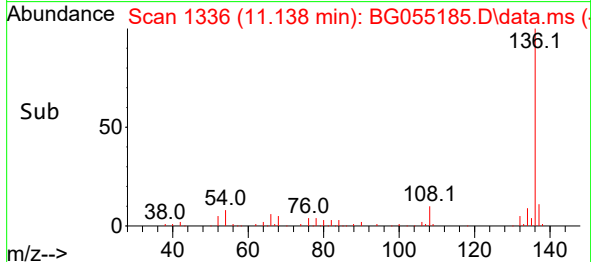
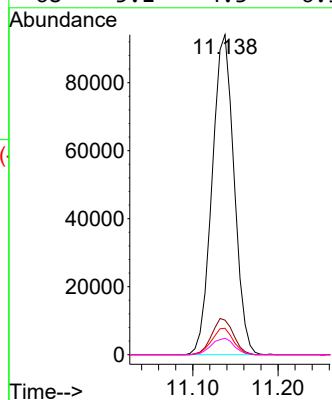
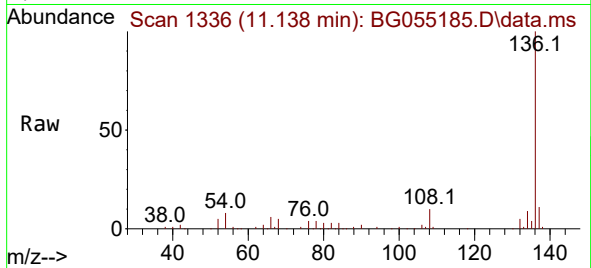




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

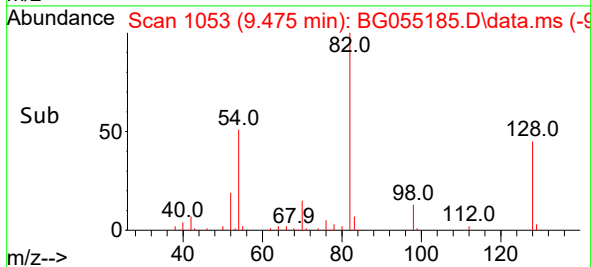
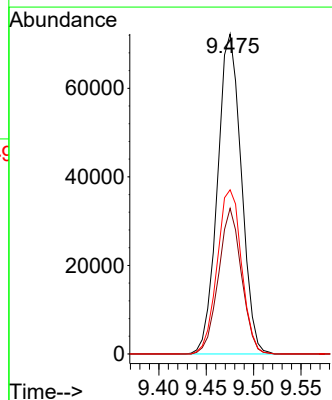
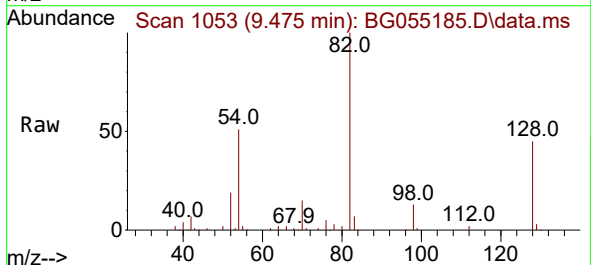
Instrument :
BNA_G
ClientSampleId :
WC-1

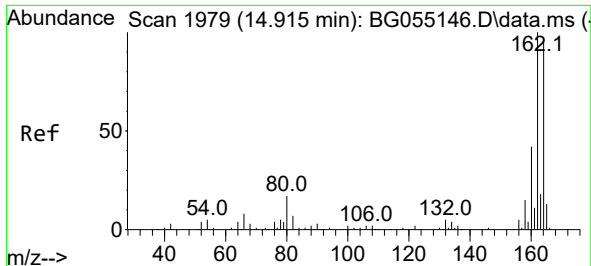
Tgt Ion:	136	Resp:	167638
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.2	7.0	10.6
68	5.1	4.3	6.5



#23
Nitrobenzene-d5
Concen: 40.417 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

Tgt Ion:	82	Resp:	126348
Ion	Ratio	Lower	Upper
82	100		
128	45.5	33.5	50.3
54	51.3	44.7	67.1

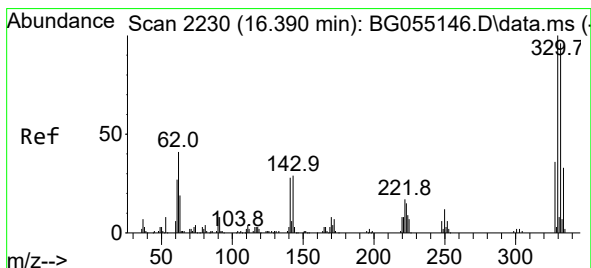
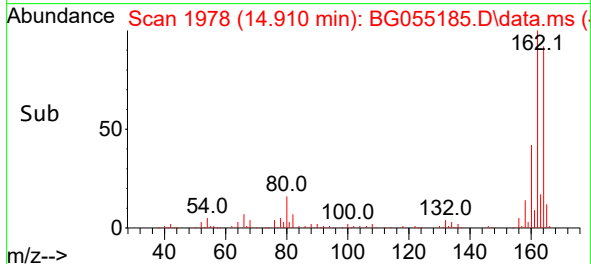
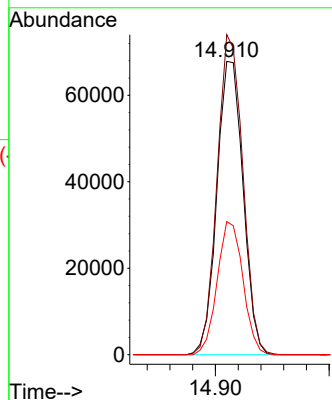
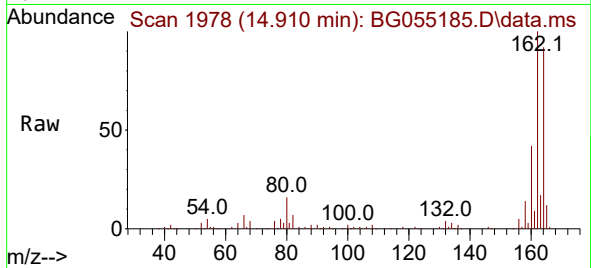




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1979
Delta R.T. -0.005 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

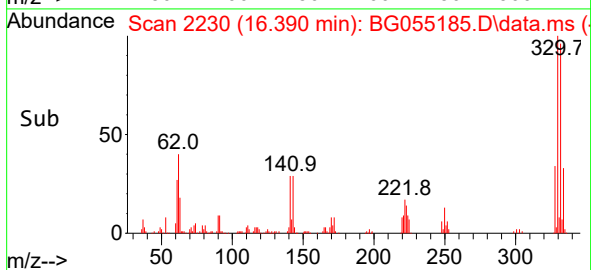
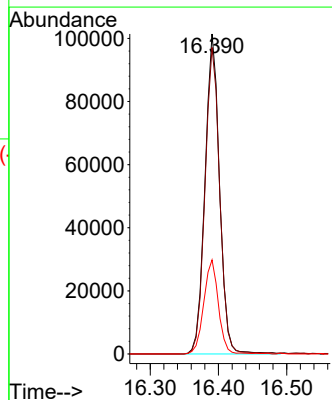
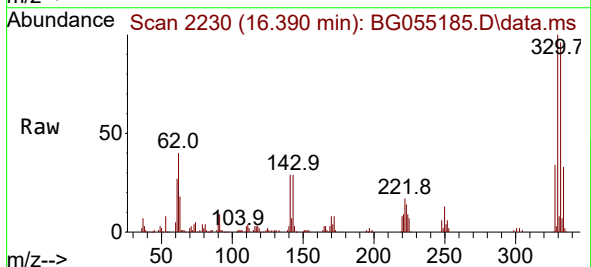
Instrument :
BNA_G
ClientSampleId :
WC-1

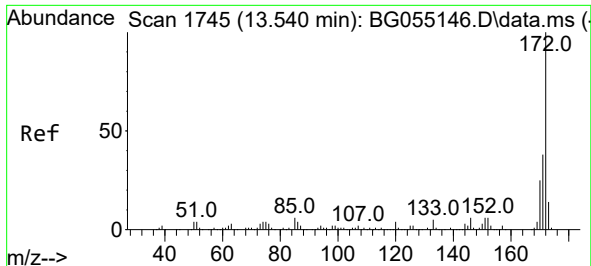
Tgt Ion:164 Resp: 108610
Ion Ratio Lower Upper
164 100
162 109.1 83.3 124.9
160 45.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 96.558 ng
RT: 16.390 min Scan# 2230
Delta R.T. 0.001 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

Tgt Ion:330 Resp: 150688
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 29.4 24.6 36.8

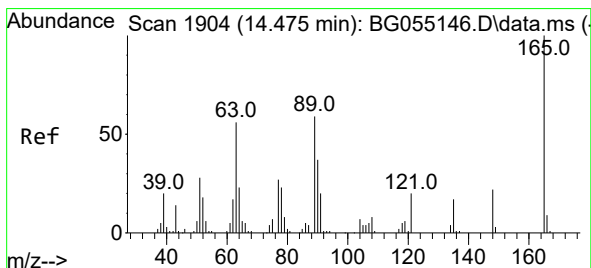
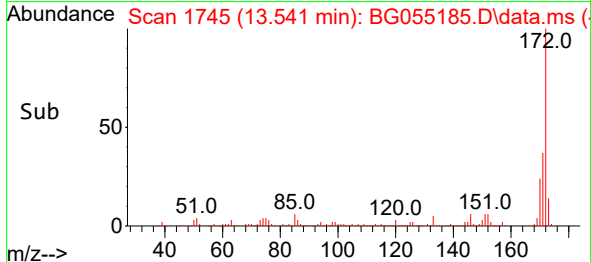
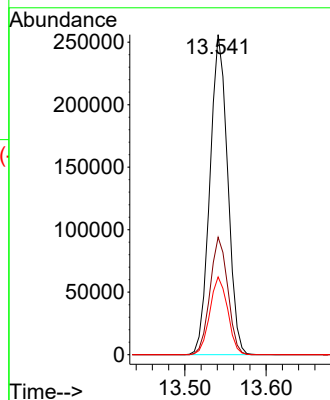
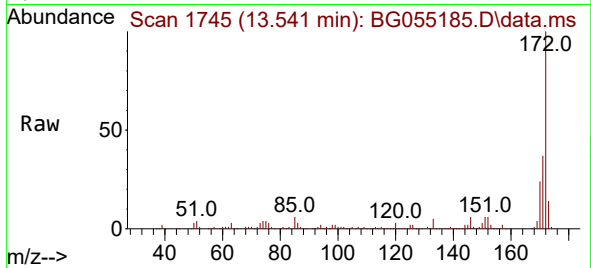




#45
2-Fluorobiphenyl
Concen: 58.333 ng
RT: 13.541 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

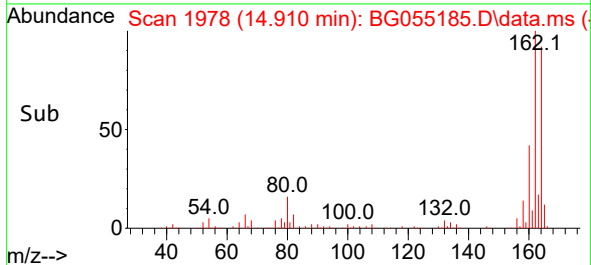
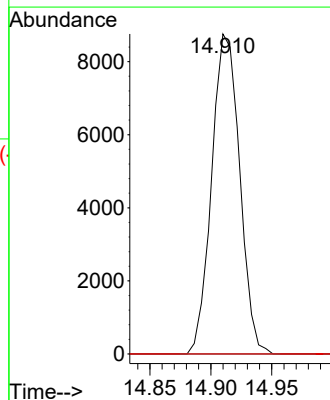
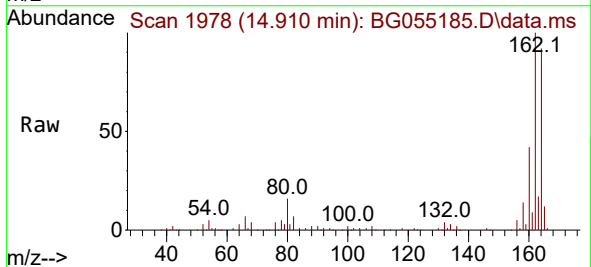
Instrument :
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ClientSampleId :
WC-1

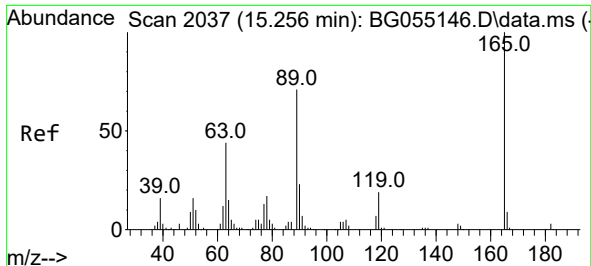
Tgt Ion:172 Resp: 387835
Ion Ratio Lower Upper
172 100
171 36.7 30.1 45.1
170 24.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.803 ng
RT: 14.910 min Scan# 1978
Delta R.T. 0.435 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

Tgt Ion:165 Resp: 14018
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 0.0 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.327 ng

RT: 14.910 min Scan# 14

Delta R.T. -0.346 min

Lab File: BG055185.D

Acq: 14 Oct 2022 19:46

Instrument :

BNA_G

ClientSampleId :

WC-1

Tgt Ion:165 Resp: 14018

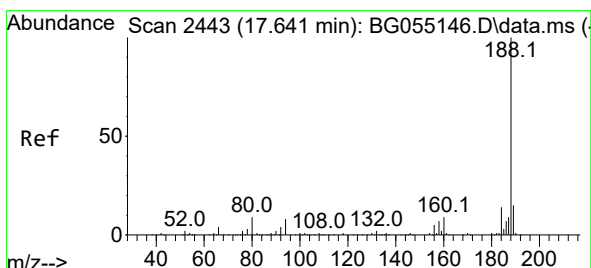
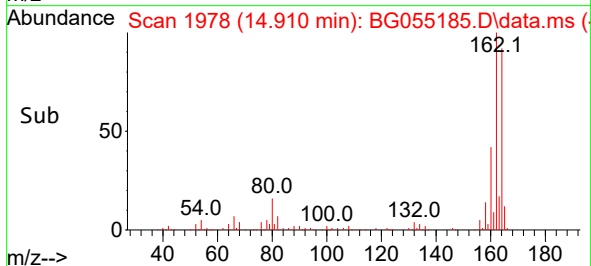
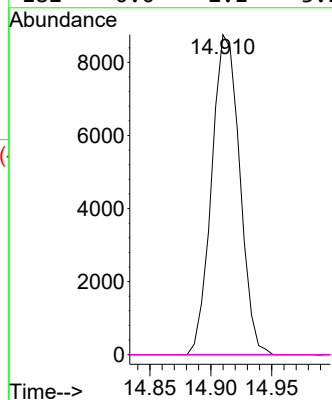
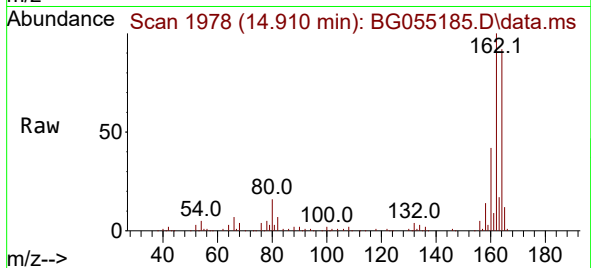
Ion Ratio Lower Upper

165 100

63 0.0 35.6 53.4#

89 0.0 56.4 84.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.648 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BG055185.D

Acq: 14 Oct 2022 19:46

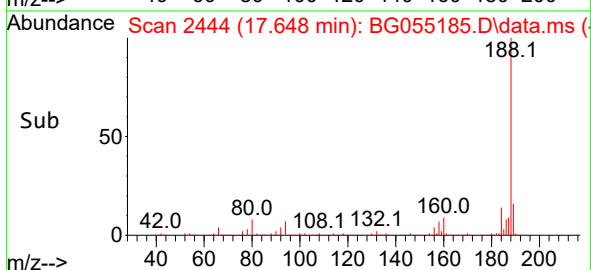
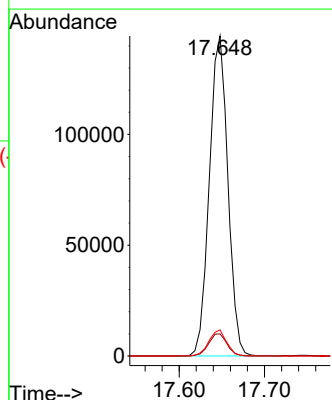
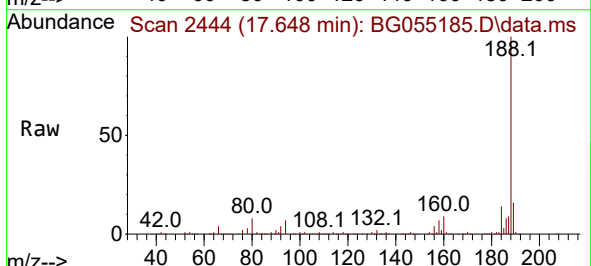
Tgt Ion:188 Resp: 218093

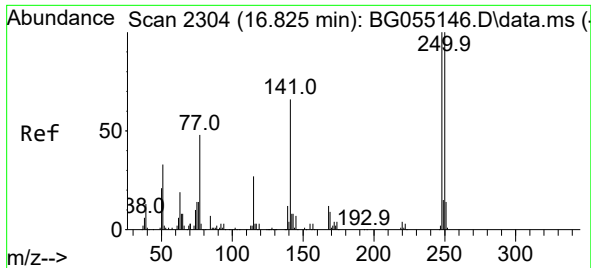
Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.2

80 8.1 7.0 10.6

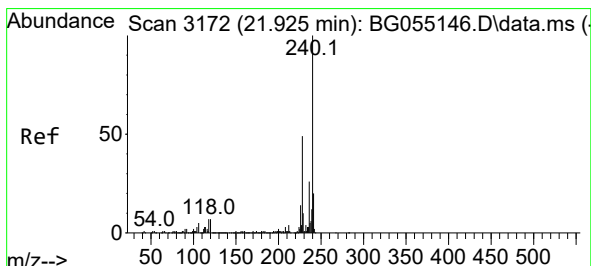
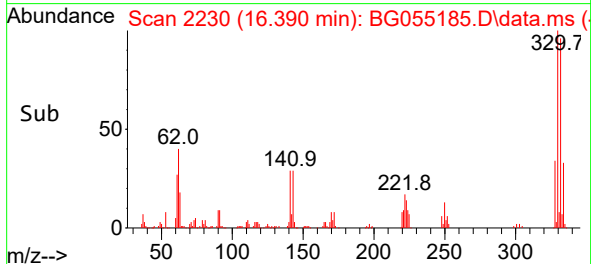
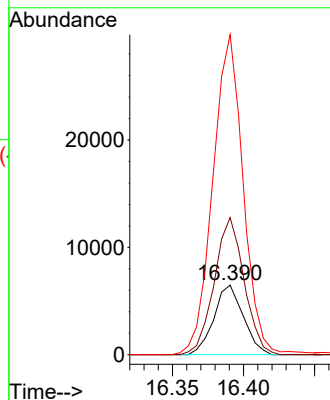
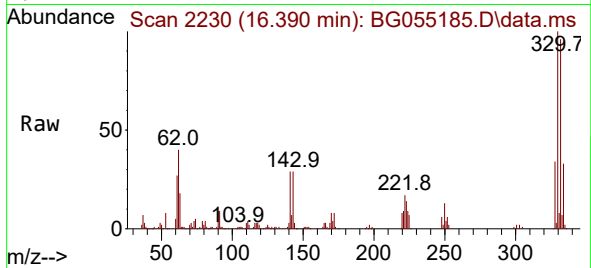




#67
4-Bromophenyl-phenylether
Concen: 3.925 ng
RT: 16.390 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

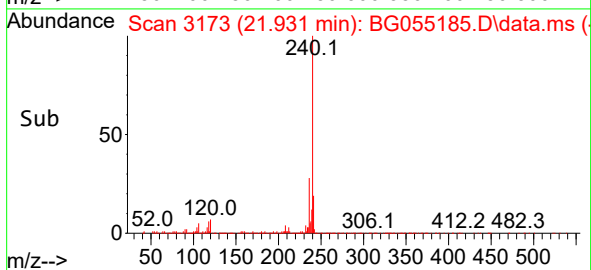
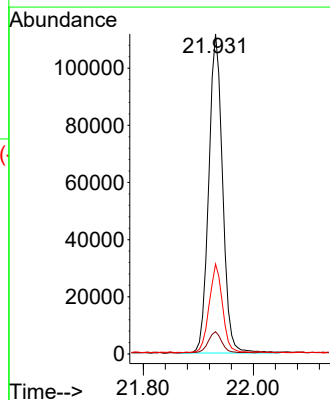
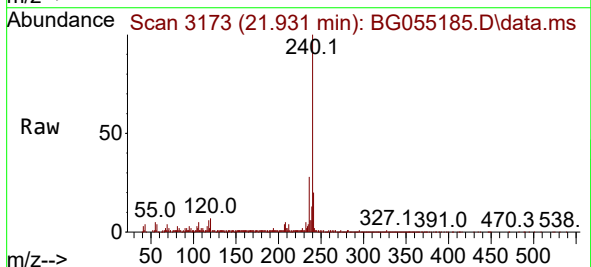
Instrument :
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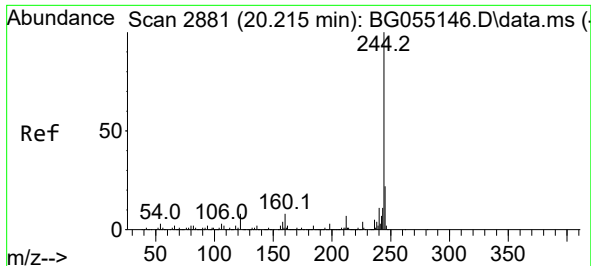
Tgt Ion:248 Resp: 9332
Ion Ratio Lower Upper
248 100
250 197.1 80.1 120.1#
141 459.8 53.1 79.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. 0.006 min
Lab File: BG055185.D
Acq: 14 Oct 2022 19:46

Tgt Ion:240 Resp: 195141
Ion Ratio Lower Upper
240 100
120 7.0 5.4 8.0
236 28.1 20.6 31.0

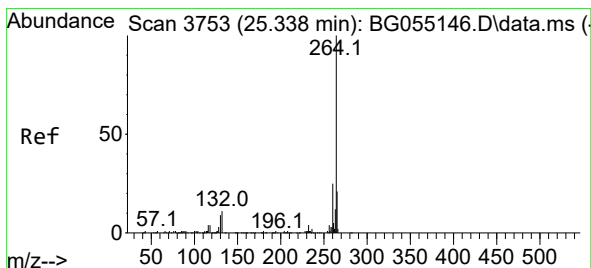
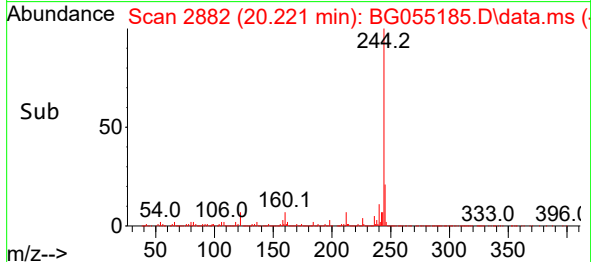
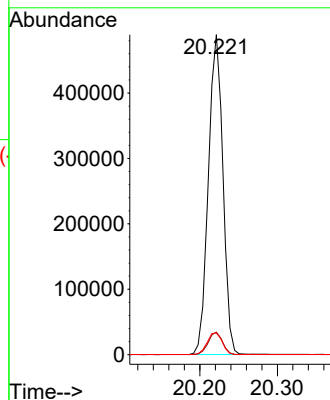
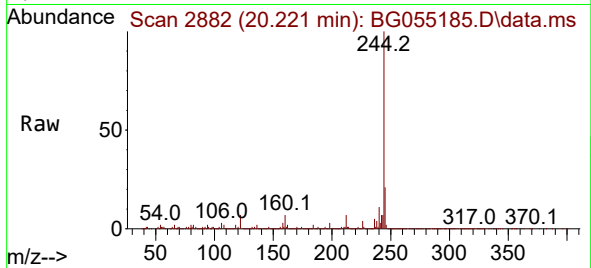




#79
 Terphenyl-d14
 Concen: 65.933 ng
 RT: 20.221 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG055185.D
 Acq: 14 Oct 2022 19:46

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 638830
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 6.8 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.362 min Scan# 3757
 Delta R.T. 0.024 min
 Lab File: BG055185.D
 Acq: 14 Oct 2022 19:46

Tgt Ion:264 Resp: 176768
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 22.6 16.8 25.2

