

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055187.D
 Acq On : 14 Oct 2022 21:10
 Operator : CG/JU
 Sample : N5135-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-101322

Quant Time: Oct 17 04:31:05 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)

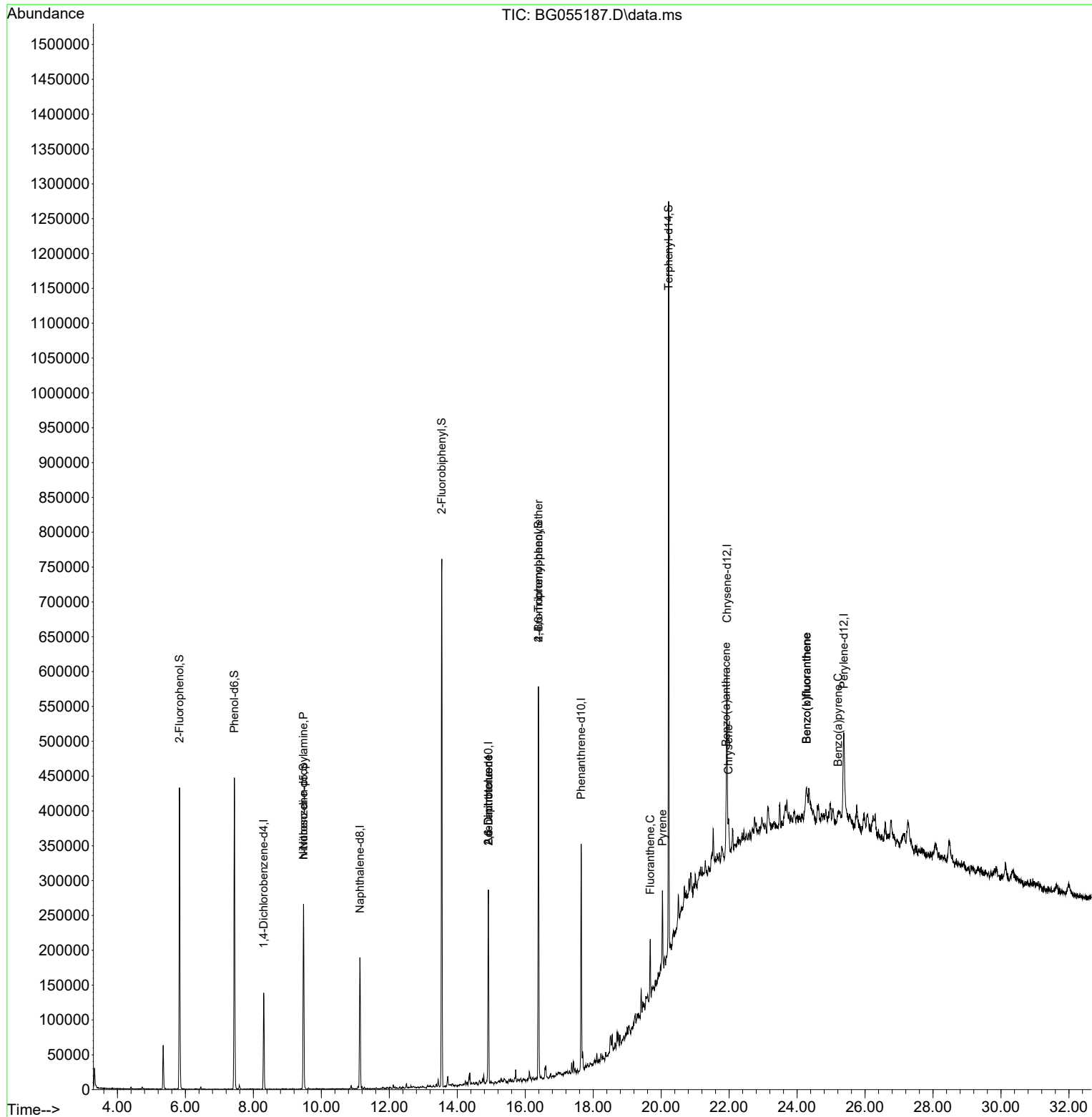
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	41399	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	166663	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	102436	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	205440	20.000	ng	0.00
76) Chrysene-d12	21.936	240	184284	20.000	ng	0.01
86) Perylene-d12	25.373	264	143754	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	196253	92.747	ng	0.00
7) Phenol-d6	7.441	99	258258	82.507	ng	0.00
23) Nitrobenzene-d5	9.474	82	162614	52.322	ng	0.00
42) 2,4,6-Tribromophenol	16.389	330	119316	81.063	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	407422	64.972	ng	0.00
79) Terphenyl-d14	20.220	244	548794	59.977	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.474	70	23031	9.117	ng	# 74
51) 2,6-Dinitrotoluene	14.915	165	13899	8.203	ng	# 24
57) 2,4-Dinitrotoluene	14.915	165	13899	5.600	ng	# 25
67) 4-Bromophenyl-phenylether	16.389	248	7378	3.294	ng	# 1
75) Fluoranthene	19.680	202	55419	4.160	ng	97
78) Pyrene	20.038	202	70800	5.763	ng	97
81) Benzo(a)anthracene	21.912	228	37442	3.176	ng	# 87
83) Chrysene	21.983	228	41320	3.715	ng	# 92
88) Benzo(b)fluoranthene	24.280	252	38399	4.482	ng	# 35
89) Benzo(k)fluoranthene	24.280	252	38399	4.461	ng	# 35
90) Benzo(a)pyrene	25.208	252	23661	3.229	ng	# 65

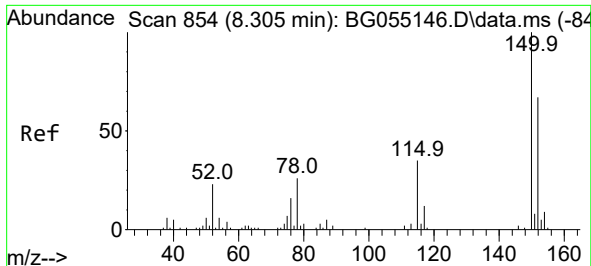
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
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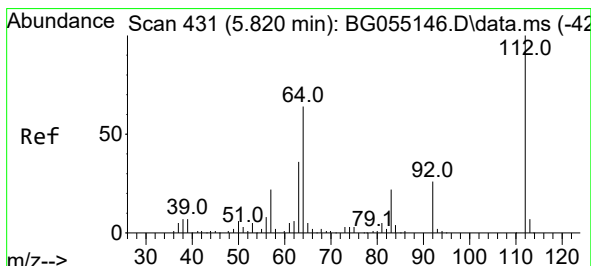
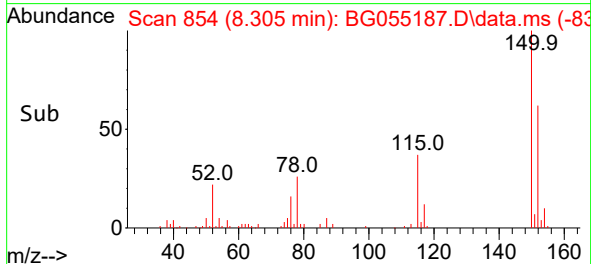
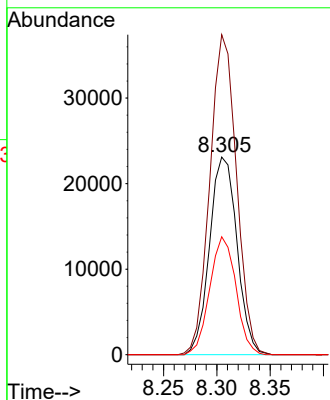
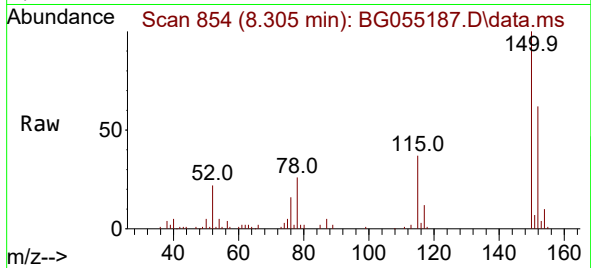




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

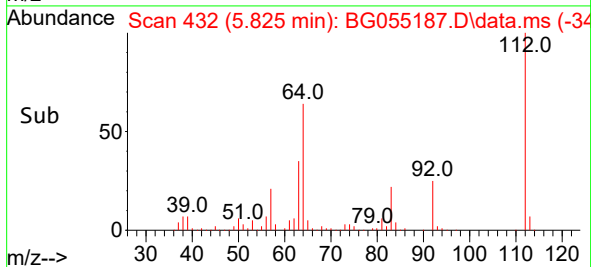
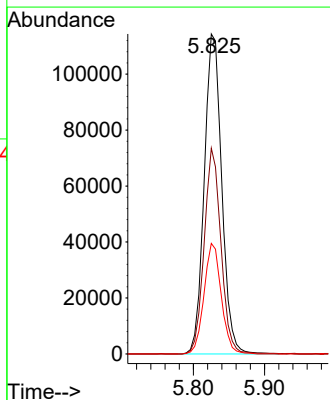
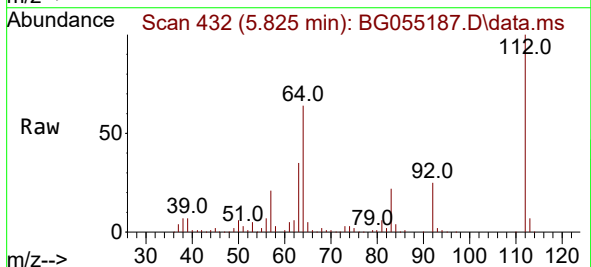
Instrument :
BNA_G
ClientSampleId :
OK-1-101322

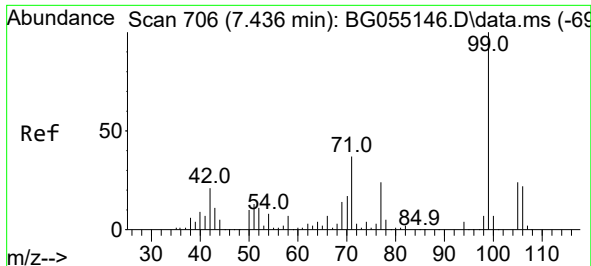
Tgt Ion:152 Resp: 41399
Ion Ratio Lower Upper
152 100
150 161.9 119.7 179.5
115 59.7 42.4 63.6



#5
2-Fluorophenol
Concen: 92.747 ng
RT: 5.825 min Scan# 432
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Tgt Ion:112 Resp: 196253
Ion Ratio Lower Upper
112 100
64 64.3 50.9 76.3
63 34.5 29.0 43.6

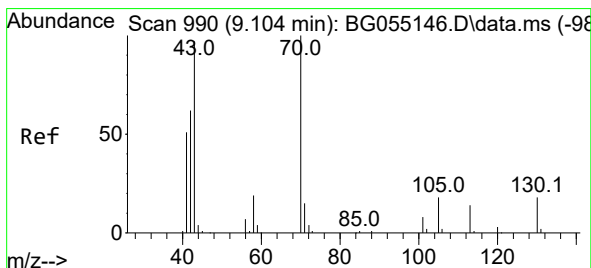
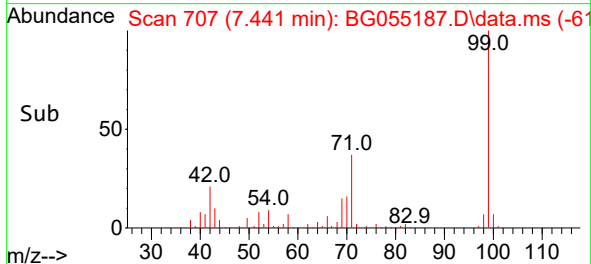
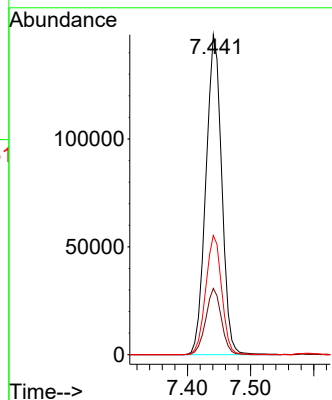
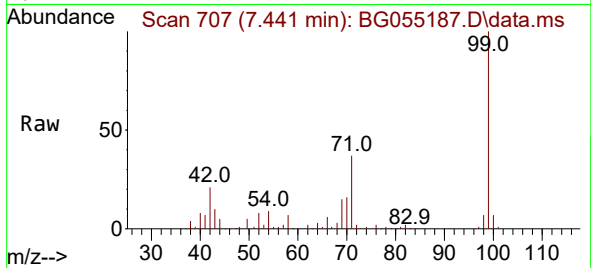




#7
Phenol-d6
Concen: 82.507 ng
RT: 7.441 min Scan# 706
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

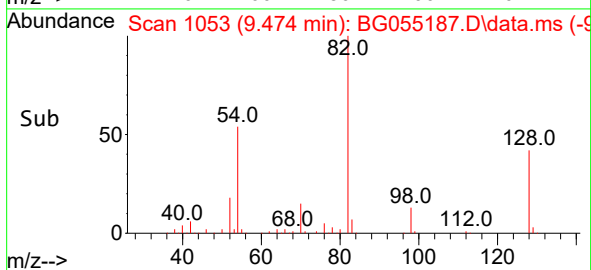
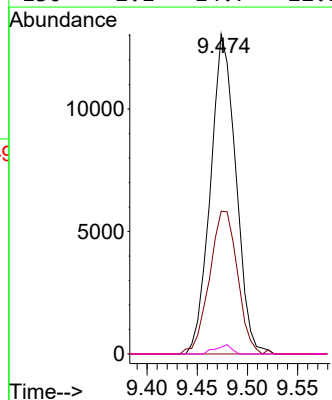
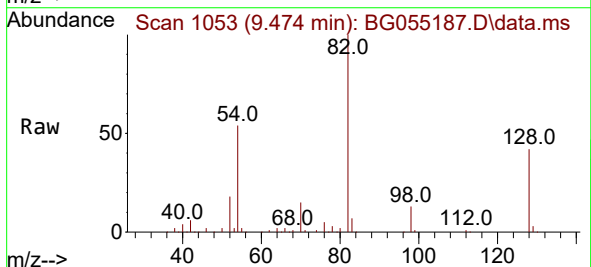
Instrument :
BNA_G
ClientSampleId :
OK-1-101322

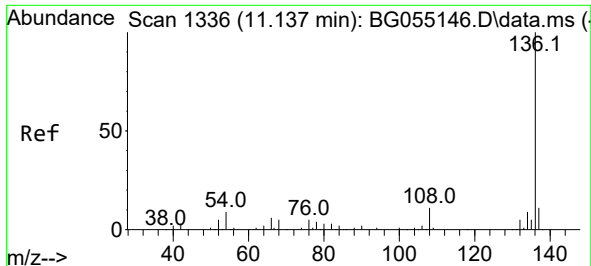
Tgt Ion: 99 Resp: 258258
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 37.3 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.117 ng
RT: 9.474 min Scan# 1053
Delta R.T. 0.369 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Tgt Ion: 70 Resp: 23031
Ion Ratio Lower Upper
70 100
42 44.6 50.1 75.1#
101 0.0 6.6 10.0#
130 2.1 14.7 22.1#

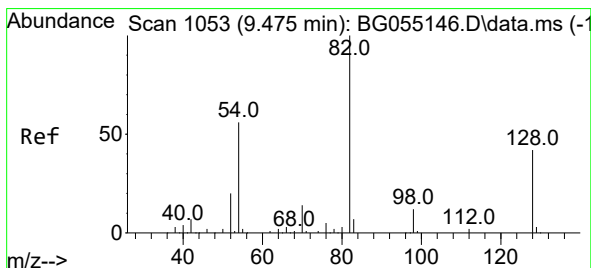
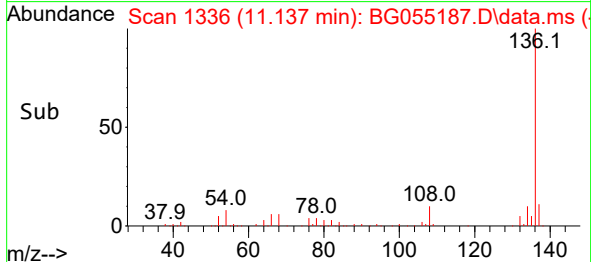
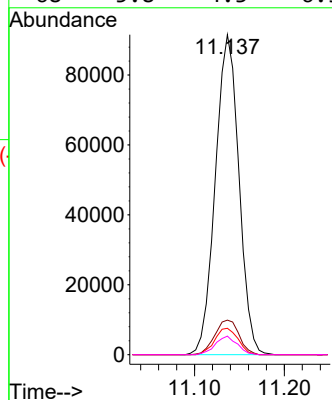
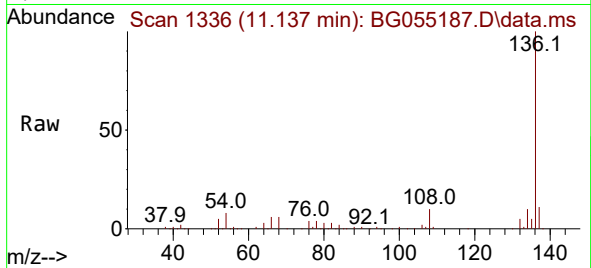




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

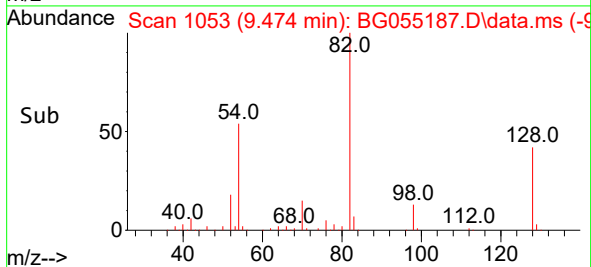
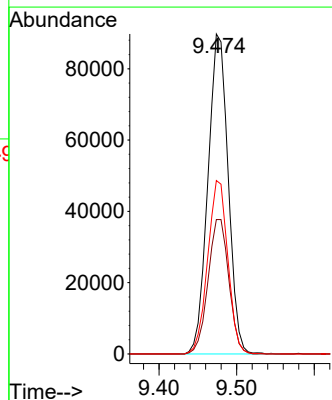
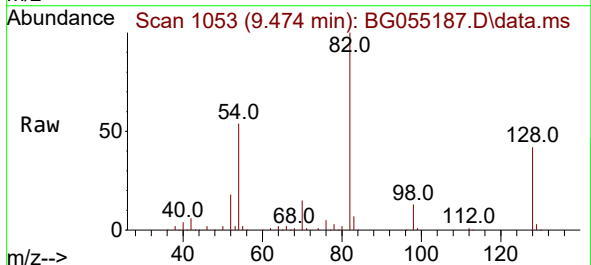
Instrument :
BNA_G
ClientSampleId :
OK-1-101322

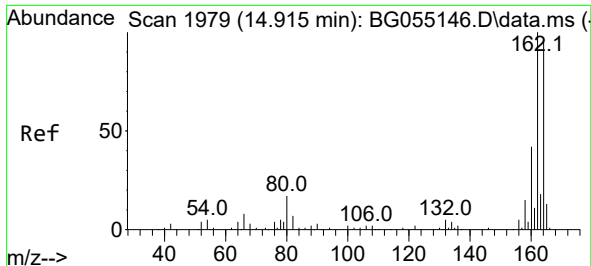
Tgt Ion:	136	Resp:	166663
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.2	7.0	10.6
68	5.8	4.3	6.5



#23
Nitrobenzene-d5
Concen: 52.322 ng
RT: 9.474 min Scan# 1053
Delta R.T. -0.001 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Tgt Ion:	82	Resp:	162614
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.5	50.3
54	54.2	44.7	67.1

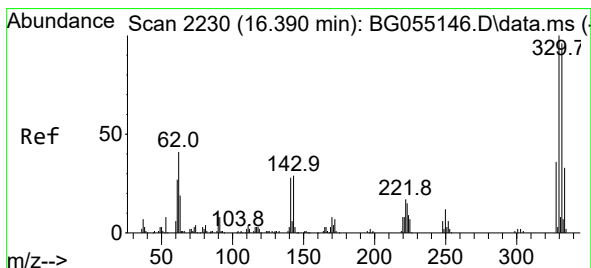
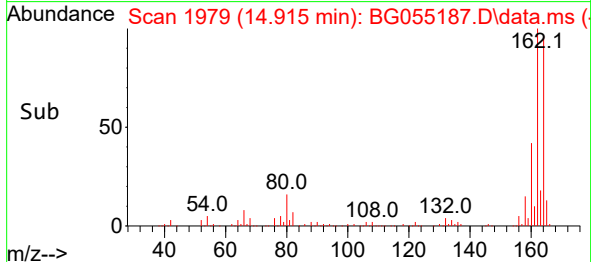
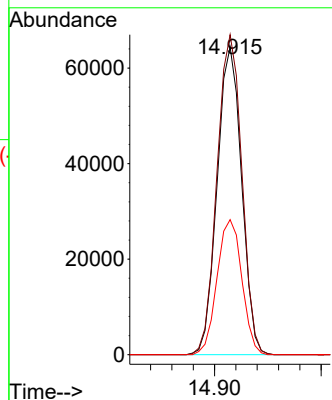
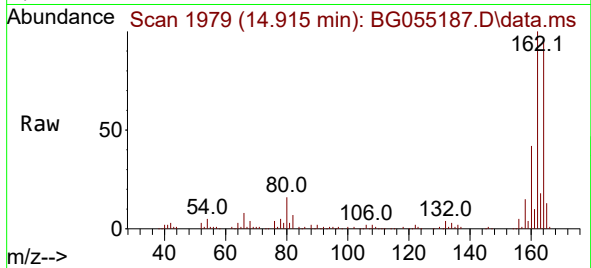




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.915 min Scan# 1979
Delta R.T. -0.001 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

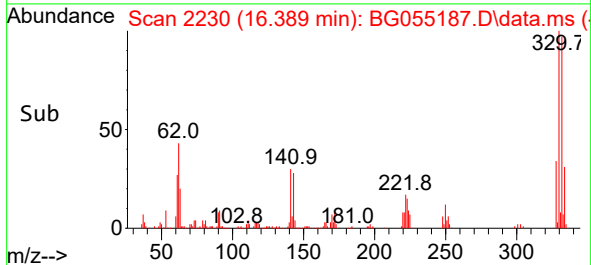
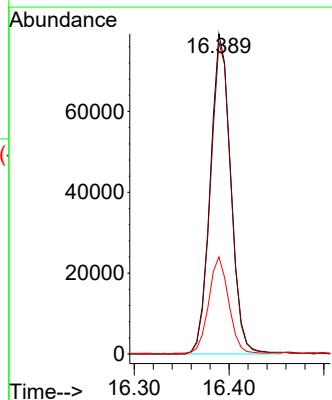
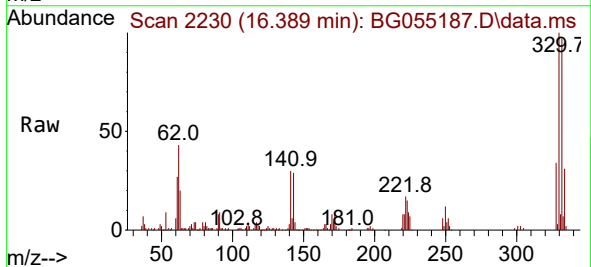
Instrument :
BNA_G
ClientSampleId :
OK-1-101322

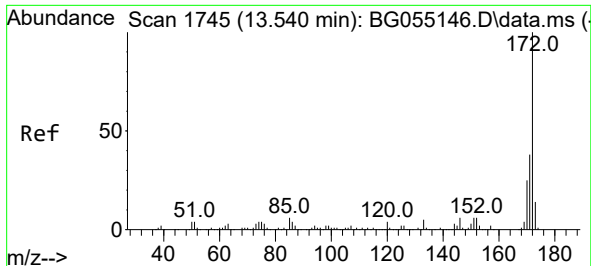
Tgt Ion:164 Resp: 102436
Ion Ratio Lower Upper
164 100
162 104.0 83.3 124.9
160 43.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 81.063 ng
RT: 16.389 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

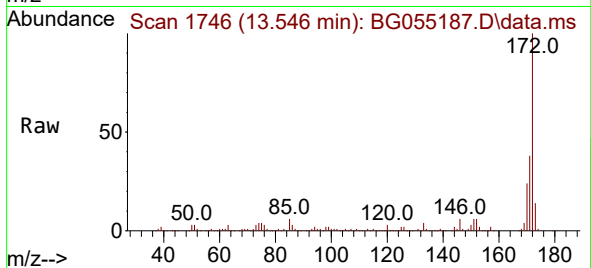
Tgt Ion:330 Resp: 119316
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 30.0 24.6 36.8



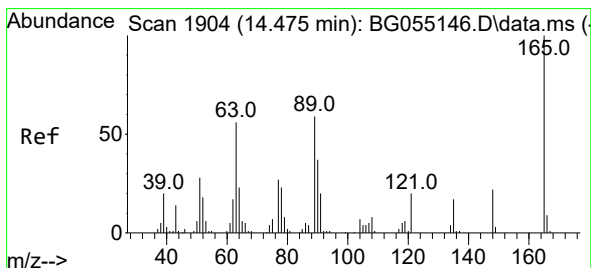
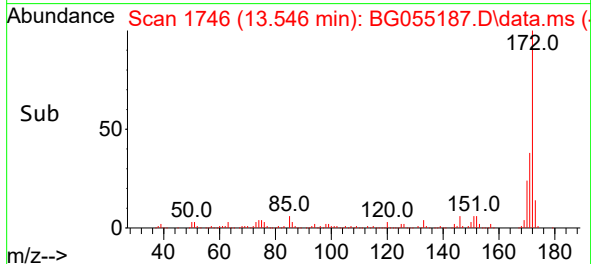
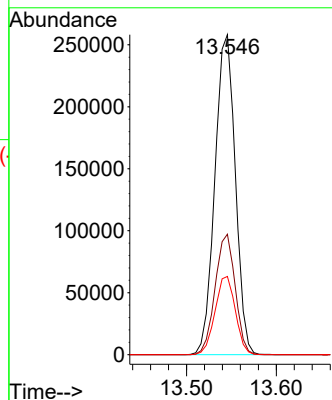


#45
2-Fluorobiphenyl
Concen: 64.972 ng
RT: 13.546 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Instrument :
BNA_G
ClientSampleId :
OK-1-101322

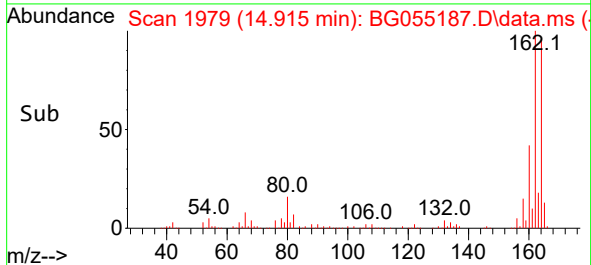
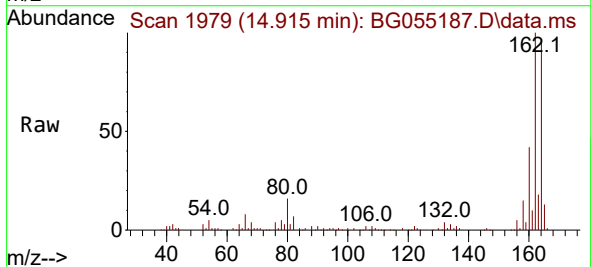
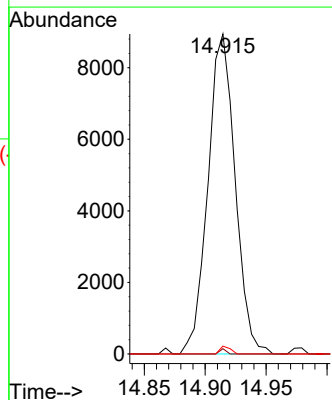


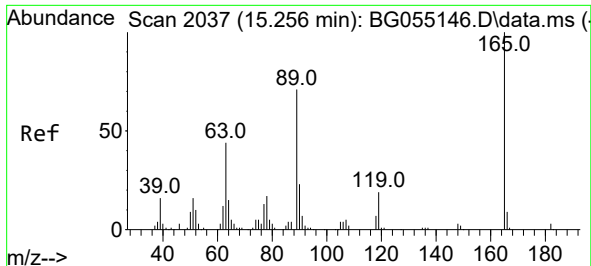
Tgt Ion:172 Resp: 407422
Ion Ratio Lower Upper
172 100
171 37.7 30.1 45.1
170 24.5 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.203 ng
RT: 14.915 min Scan# 1979
Delta R.T. 0.440 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Tgt Ion:165 Resp: 13899
Ion Ratio Lower Upper
165 100
63 1.7 46.6 70.0#
89 2.5 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.600 ng

RT: 14.915 min Scan# 1979

Delta R.T. -0.341 min

Lab File: BG055187.D

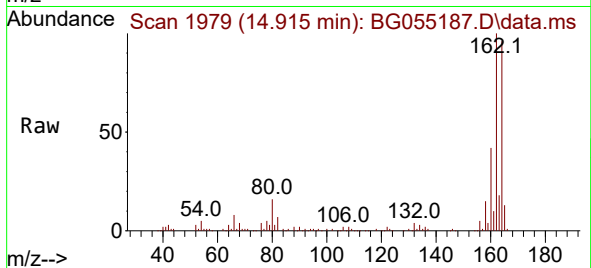
Acq: 14 Oct 2022 21:10

Instrument :

BNA_G

ClientSampleId :

OK-1-101322



Tgt Ion:165 Resp: 13899

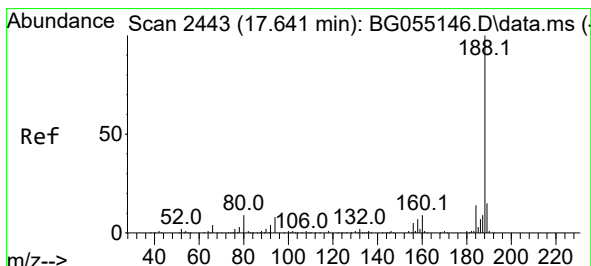
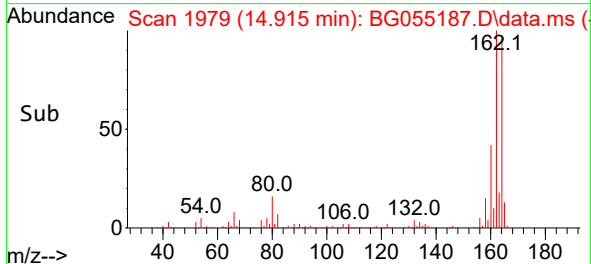
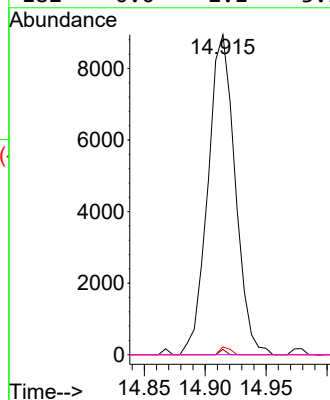
Ion Ratio Lower Upper

165 100

63 1.7 35.6 53.4#

89 2.5 56.4 84.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.647 min Scan# 2444

Delta R.T. 0.005 min

Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

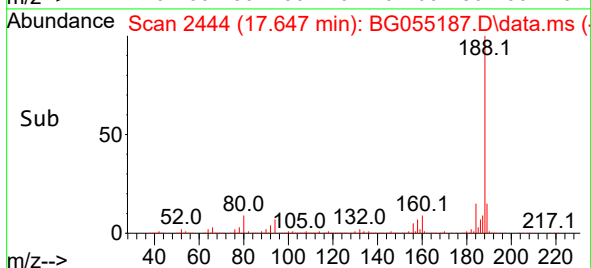
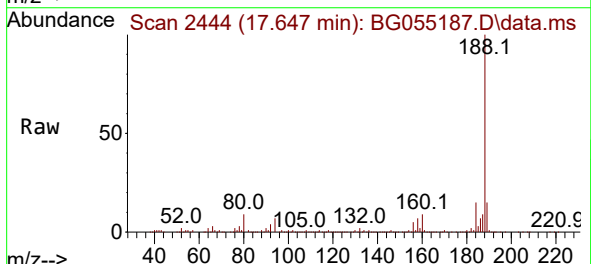
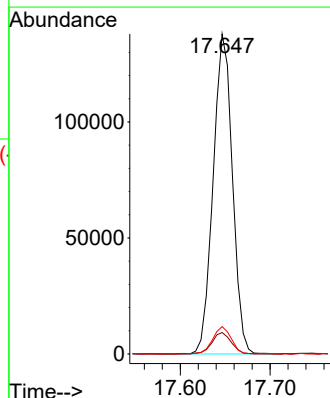
Tgt Ion:188 Resp: 205440

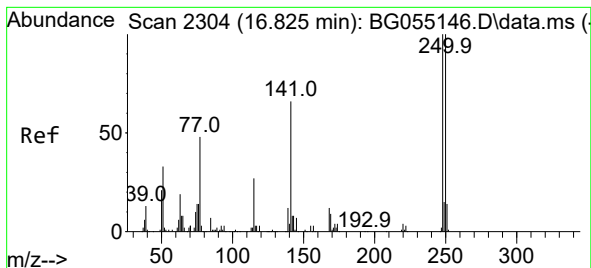
Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.2

80 8.6 7.0 10.6

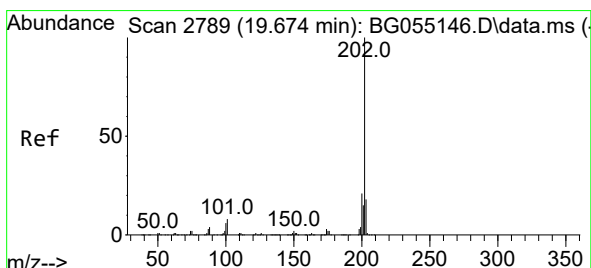
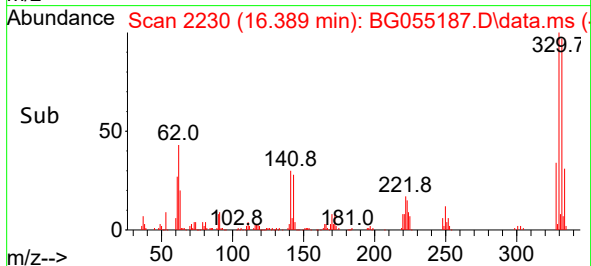
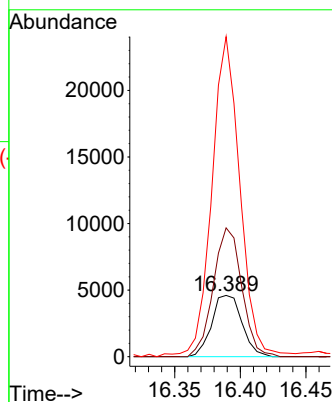
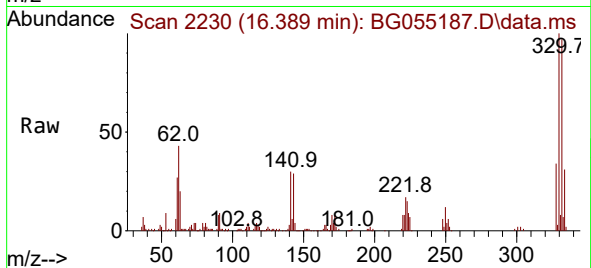




#67
4-Bromophenyl-phenylether
Concen: 3.294 ng
RT: 16.389 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

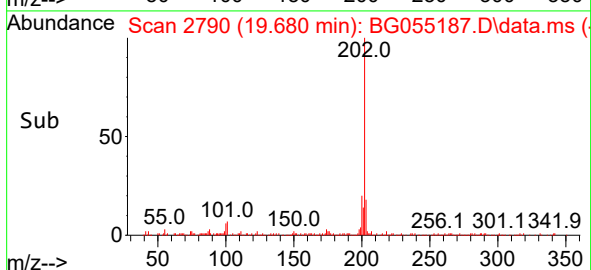
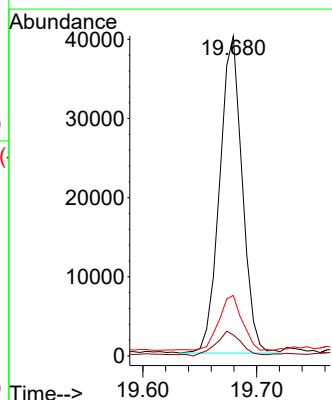
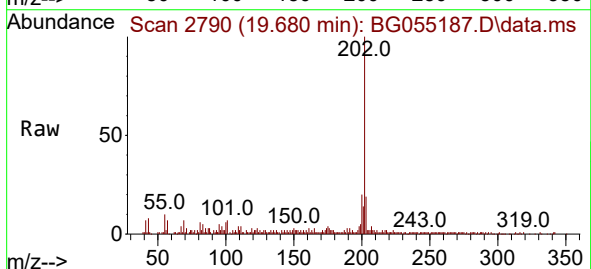
Instrument :
BNA_G
ClientSampleId :
OK-1-101322

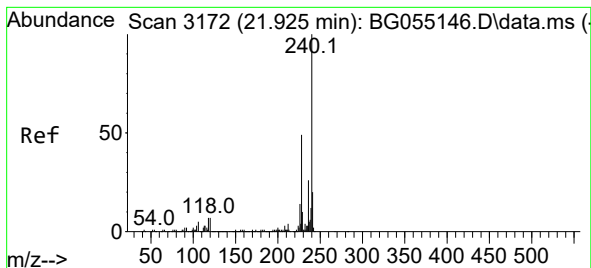
Tgt Ion:248 Resp: 7378
Ion Ratio Lower Upper
248 100
250 210.3 80.1 120.1#
141 522.2 53.1 79.7#



#75
Fluoranthene
Concen: 4.160 ng
RT: 19.680 min Scan# 2790
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Tgt Ion:202 Resp: 55419
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.4
203 18.9 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.936 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

Instrument :

BNA_G

ClientSampleId :

OK-1-101322

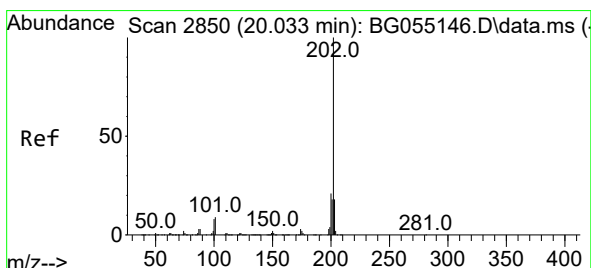
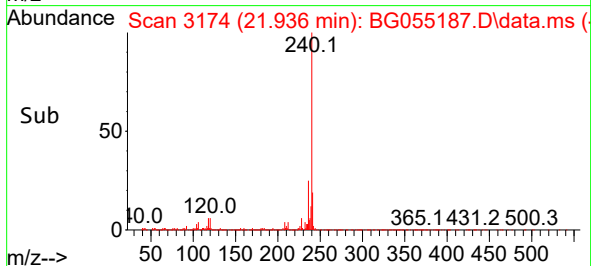
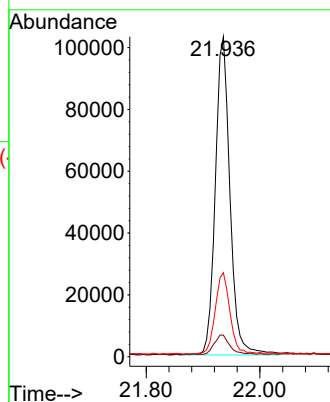
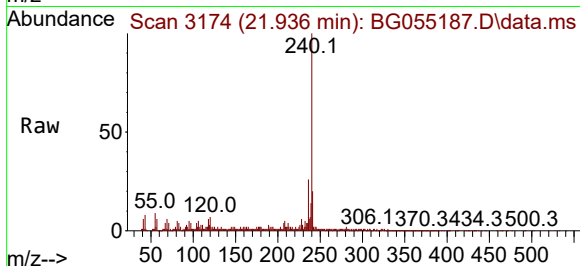
Tgt Ion:240 Resp: 184284

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.0

236 26.2 20.6 31.0



#78

Pyrene

Concen: 5.763 ng

RT: 20.038 min Scan# 2851

Delta R.T. 0.005 min

Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

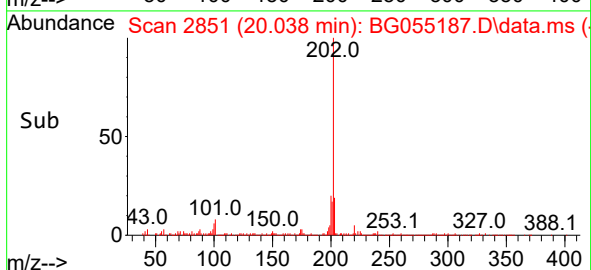
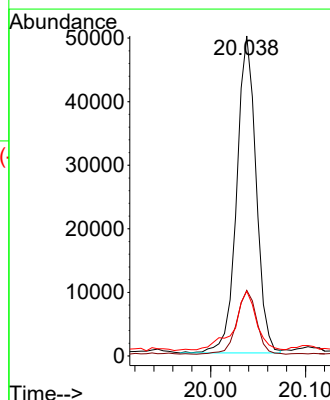
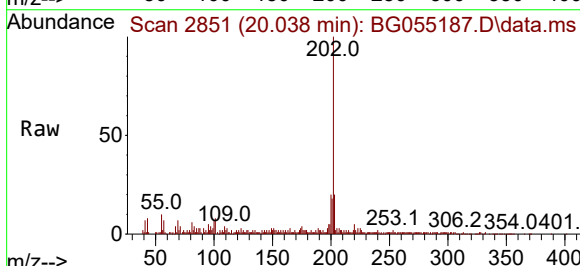
Tgt Ion:202 Resp: 70800

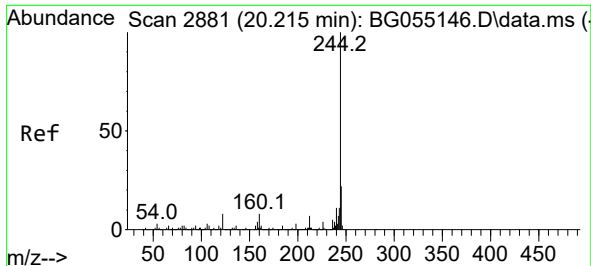
Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 20.2 14.4 21.6

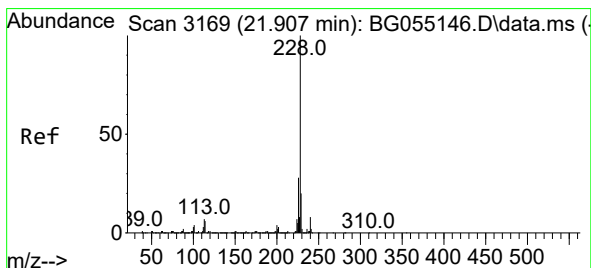
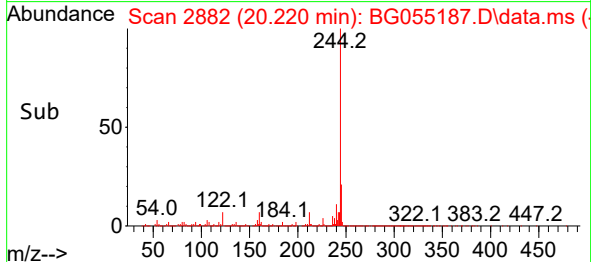
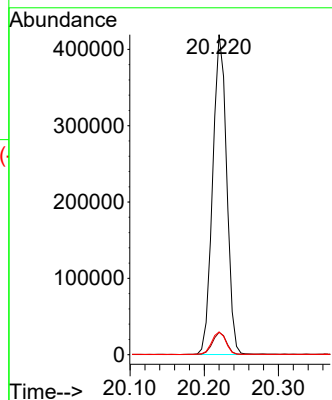
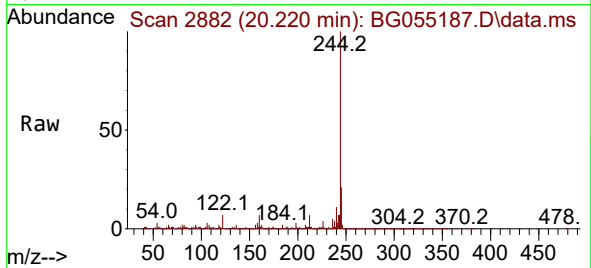




#79
 Terphenyl-d14
 Concen: 59.977 ng
 RT: 20.220 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG055187.D
 Acq: 14 Oct 2022 21:10

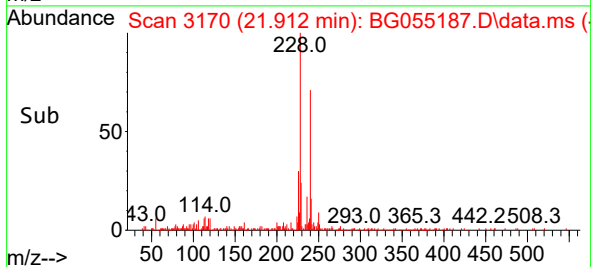
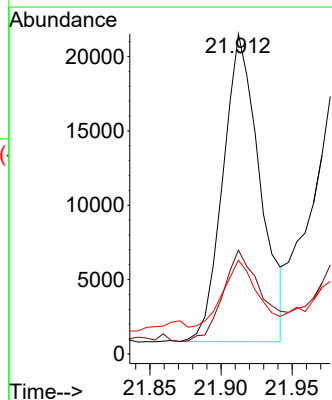
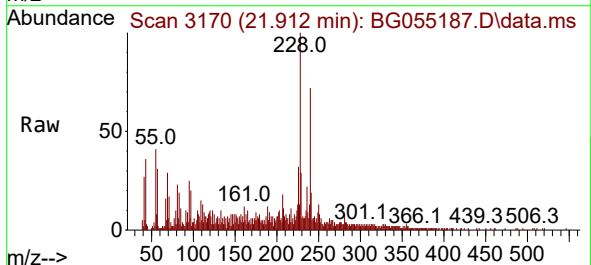
Instrument :
 BNA_G
 ClientSampleId :
 OK-1-101322

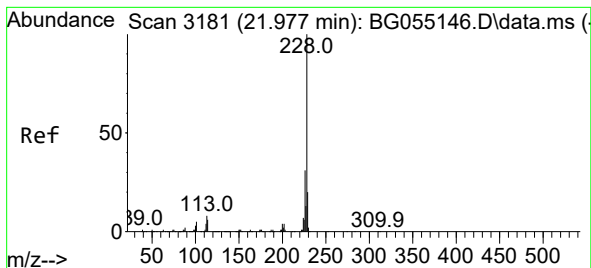
Tgt Ion:244 Resp: 548794
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 7.1 6.6 10.0



#81
 Benzo(a)anthracene
 Concen: 3.176 ng
 RT: 21.912 min Scan# 3170
 Delta R.T. 0.005 min
 Lab File: BG055187.D
 Acq: 14 Oct 2022 21:10

Tgt Ion:228 Resp: 37442
 Ion Ratio Lower Upper
 228 100
 226 32.4 22.6 34.0
 229 29.3 16.2 24.4#





#83

Chrysene

Concen: 3.715 ng

RT: 21.983 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

Instrument :

BNA_G

ClientSampleId :

OK-1-101322

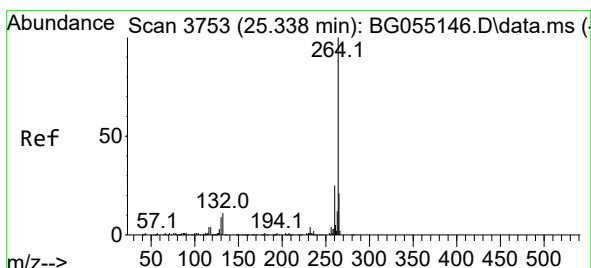
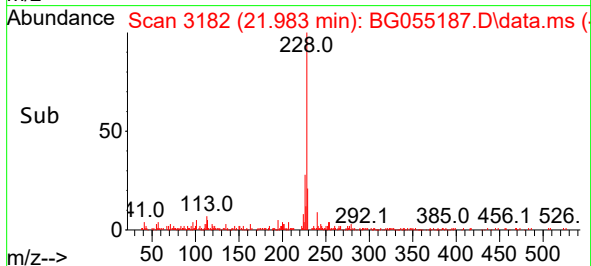
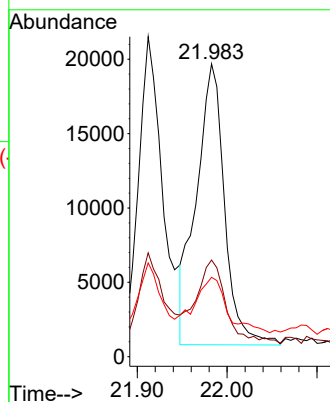
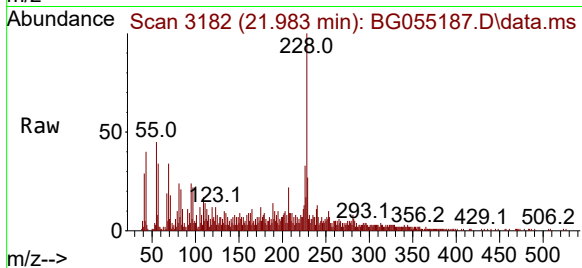
Tgt Ion:228 Resp: 41320

Ion Ratio Lower Upper

228 100

226 33.0 25.1 37.7

229 27.1 16.2 24.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.373 min Scan# 3759

Delta R.T. 0.035 min

Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

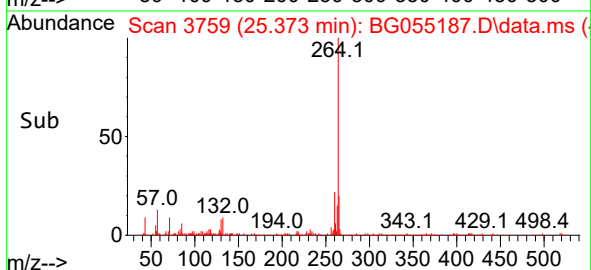
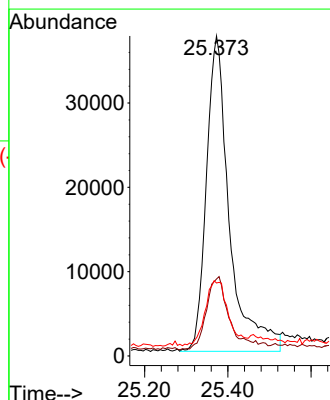
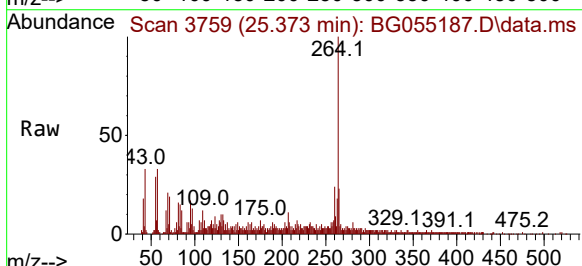
Tgt Ion:264 Resp: 143754

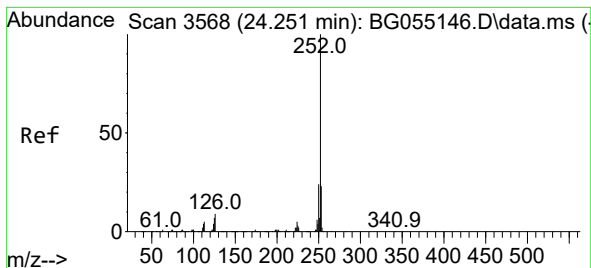
Ion Ratio Lower Upper

264 100

260 24.0 20.1 30.1

265 22.8 16.8 25.2





#88

Benzo(b)fluoranthene

Concen: 4.482 ng

RT: 24.280 min Scan# 3

Delta R.T. 0.029 min

Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

Instrument :

BNA_G

ClientSampleId :

OK-1-101322

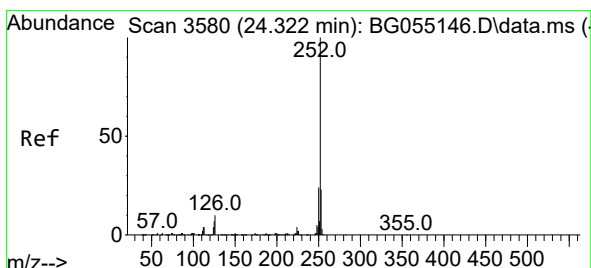
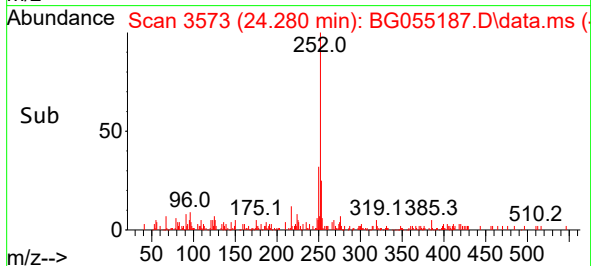
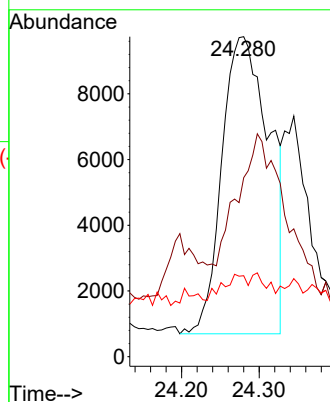
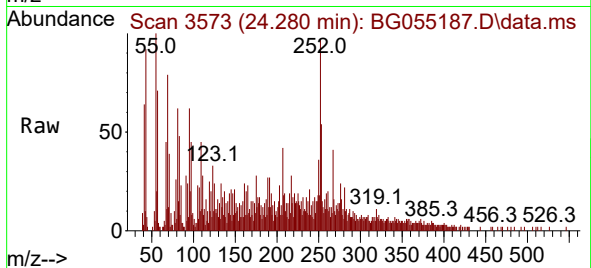
Tgt Ion:252 Resp: 38399

Ion Ratio Lower Upper

252 100

253 55.9 18.2 27.2#

125 25.3 5.7 8.5#



#89

Benzo(k)fluoranthene

Concen: 4.461 ng

RT: 24.280 min Scan# 3573

Delta R.T. -0.042 min

Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

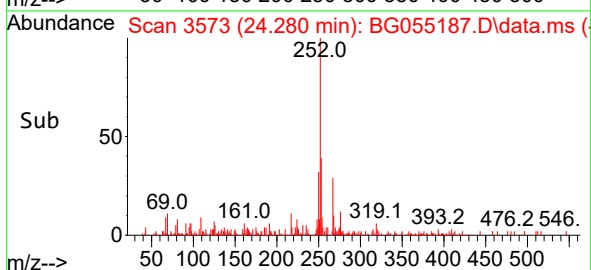
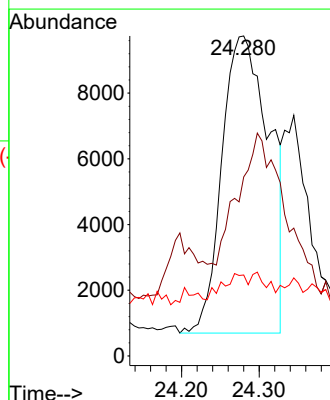
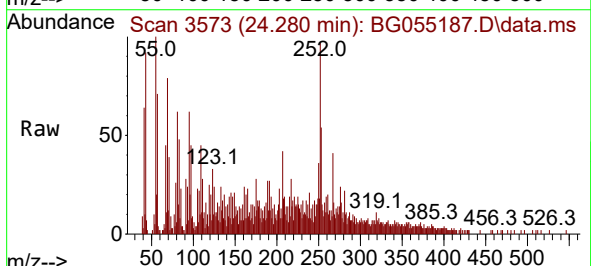
Tgt Ion:252 Resp: 38399

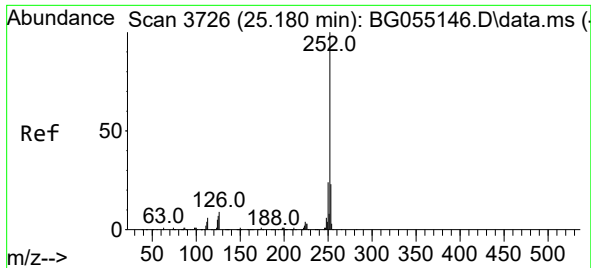
Ion Ratio Lower Upper

252 100

253 55.9 18.0 27.0#

125 25.3 5.8 8.6#





#90

Benzo(a)pyrene

Concen: 3.229 ng

RT: 25.208 min Scan# 31

Delta R.T. 0.029 min

Lab File: BG055187.D

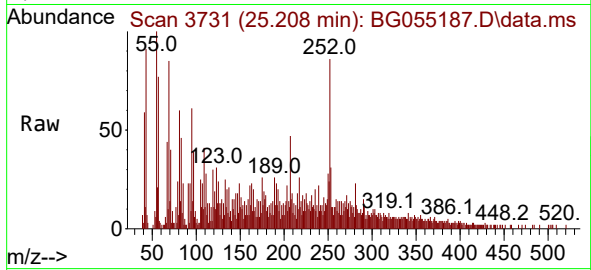
Acq: 14 Oct 2022 21:10

Instrument :

BNA_G

ClientSampleId :

OK-1-101322



Tgt Ion:252 Resp: 23661

Ion Ratio Lower Upper

252 100

253 36.3 18.2 27.2#

125 27.5 5.8 8.8#

