

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055972.D
 Acq On : 14 Dec 2022 23:33
 Operator : CG/JU
 Sample : N6022-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-121222

Quant Time: Dec 15 00:53:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

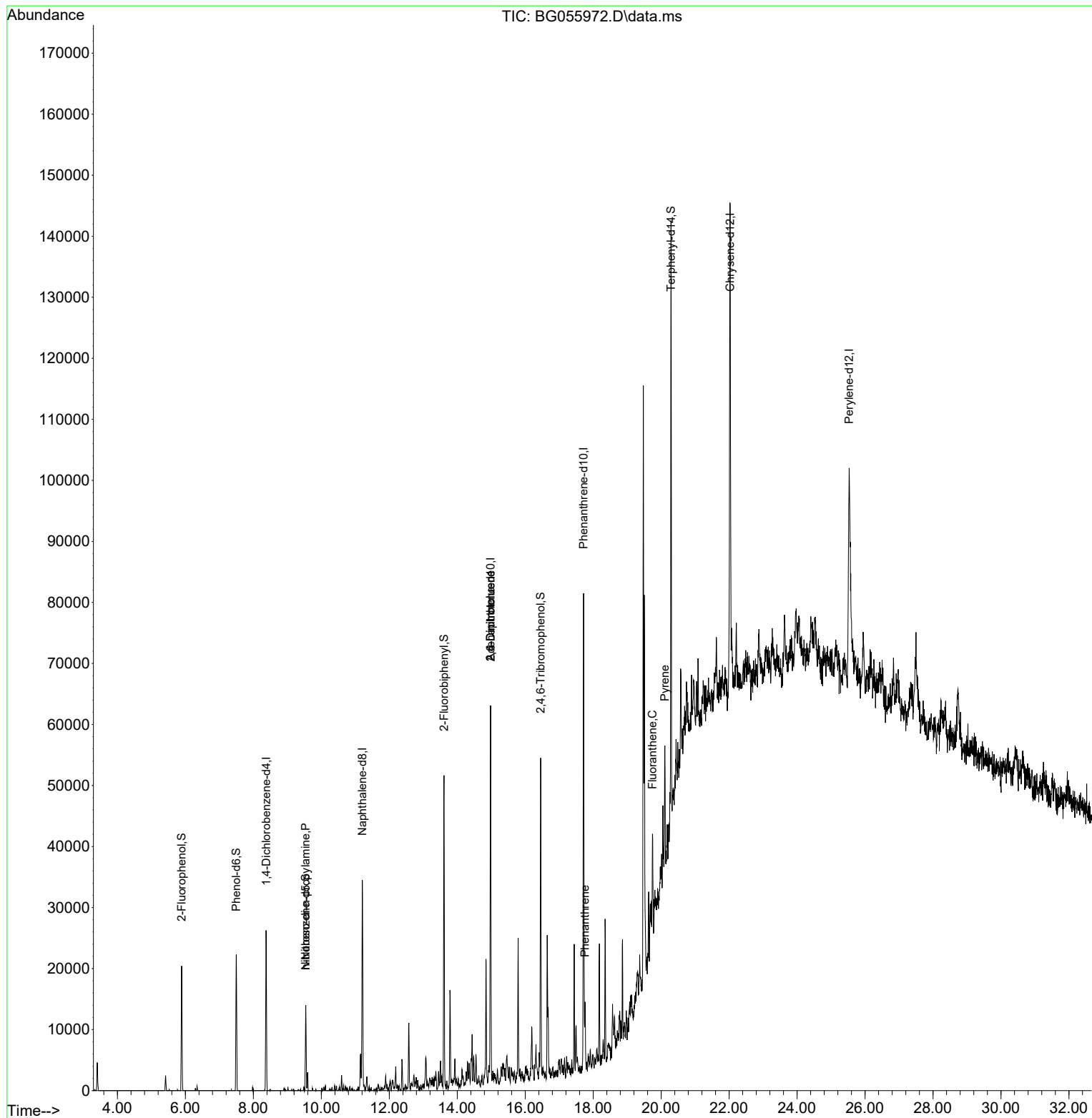
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.375	152	8242	20.000	ng	0.00
21) Naphthalene-d8	11.207	136	29350	20.000	ng	# 0.00
39) Acenaphthene-d10	14.979	164	22965	20.000	ng	0.00
64) Phenanthrene-d10	17.717	188	55629	20.000	ng	0.00
76) Chrysene-d12	22.030	240	58758	20.000	ng	0.00
86) Perylene-d12	25.532	264	56467	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.890	112	8657	24.633	ng	0.00
7) Phenol-d6	7.494	99	11269	24.931	ng	0.00
23) Nitrobenzene-d5	9.539	82	7486	17.824	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	13586	24.534	ng	0.00
45) 2-Fluorobiphenyl	13.610	172	27475	16.779	ng	0.00
79) Terphenyl-d14	20.291	244	50554	15.206	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.539	70	1060	3.272	ng	# 68
51) 2,6-Dinitrotoluene	14.979	165	3469	11.291	ng	# 25
57) 2,4-Dinitrotoluene	14.979	165	3469	7.480	ng	# 35
71) Phenanthrene	17.758	178	7991	2.741	ng	95
75) Fluoranthene	19.744	202	11430	2.800	ng	90
78) Pyrene	20.109	202	11147	3.135	ng	# 94

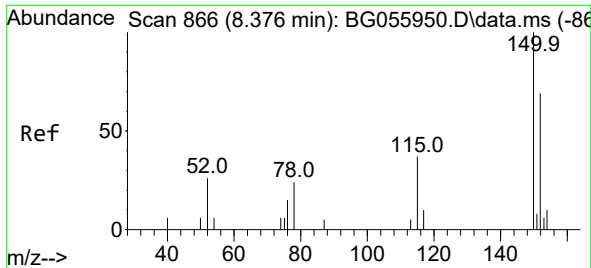
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
Data File : BG055972.D
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Sample : N6022-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
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EO-01-121222

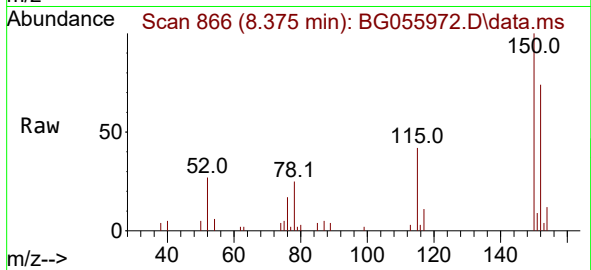
Quant Time: Dec 15 00:53:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 02:24:06 2022
Response via : Initial Calibration





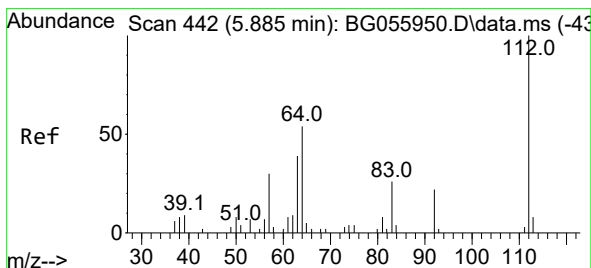
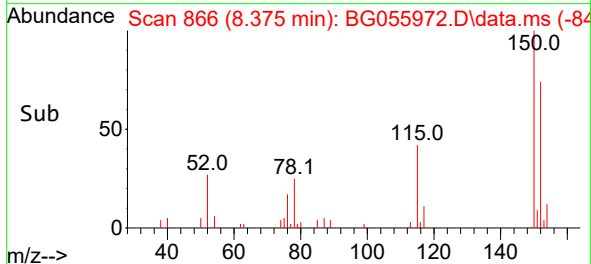
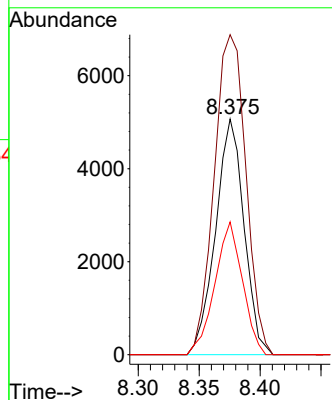
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.375 min Scan# 866
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Instrument :
BNA_G
ClientSampleId :
EO-01-121222



Tgt Ion:152 Resp: 8242

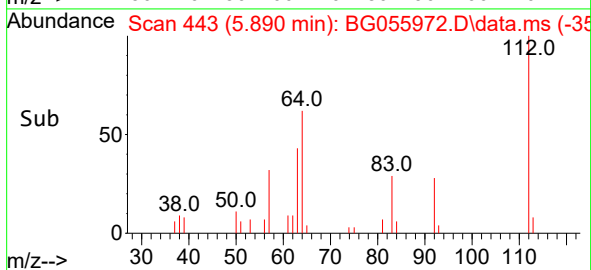
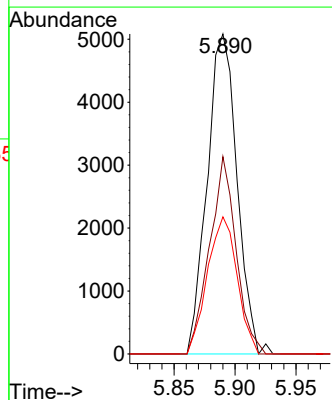
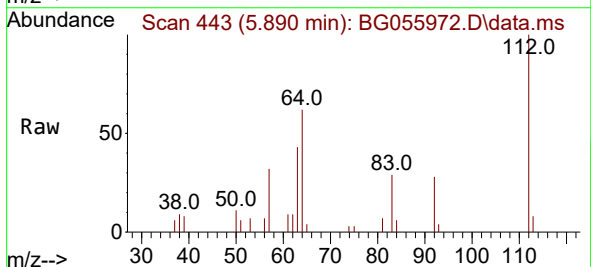
Ion	Ratio	Lower	Upper
152	100		
150	135.8	115.7	173.5
115	56.4	43.0	64.4

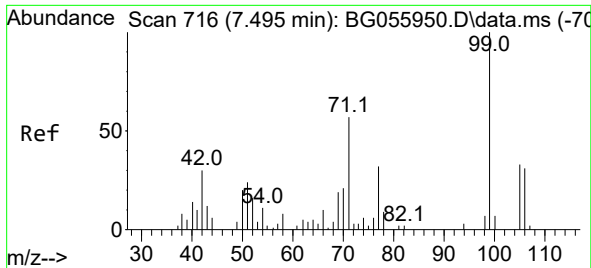


#5
2-Fluorophenol
Concen: 24.633 ng
RT: 5.890 min Scan# 443
Delta R.T. 0.005 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Tgt Ion:112 Resp: 8657

Ion	Ratio	Lower	Upper
112	100		
64	61.6	43.0	64.4
63	42.8	31.4	47.2

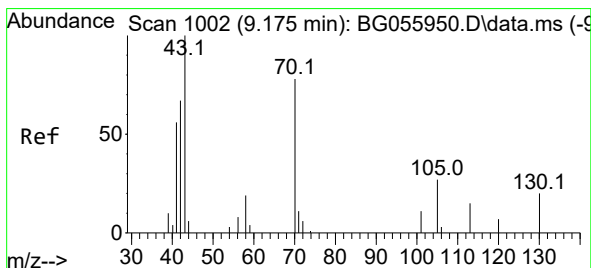
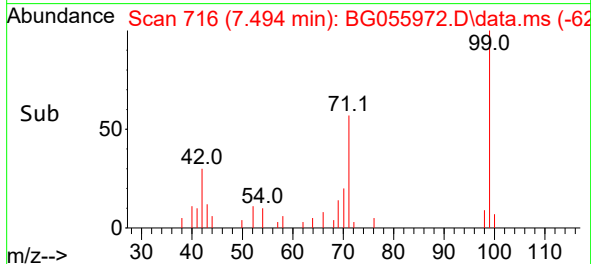
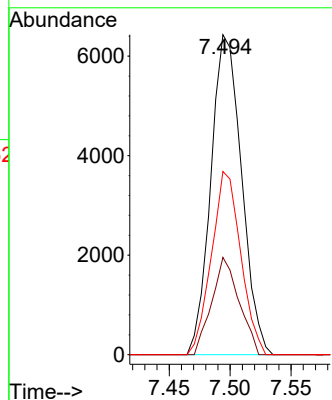
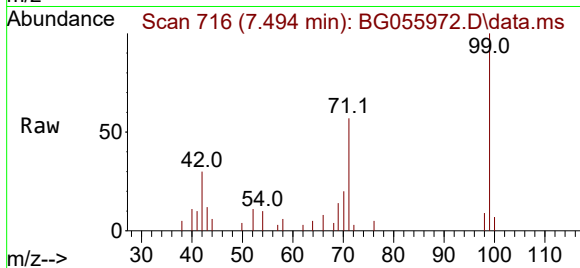




#7
Phenol-d6
Concen: 24.931 ng
RT: 7.494 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

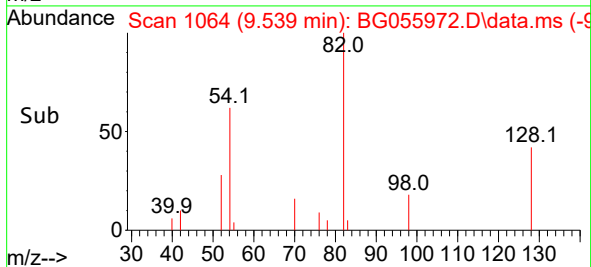
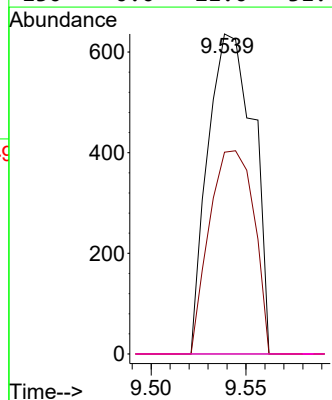
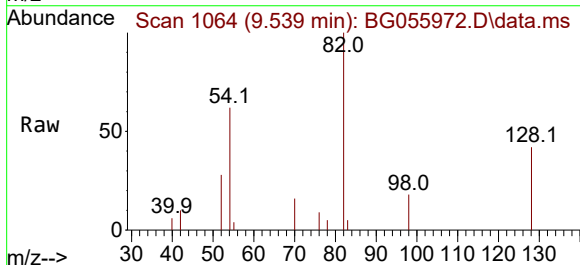
Instrument :
BNA_G
ClientSampleId :
EO-01-121222

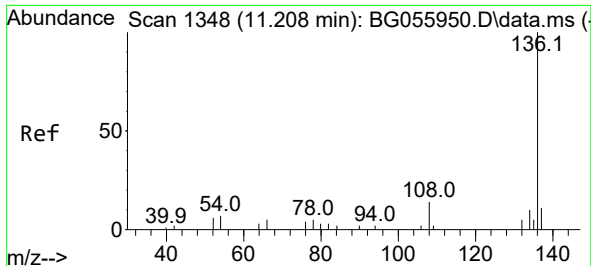
Tgt Ion: 99 Resp: 11269
Ion Ratio Lower Upper
99 100
42 30.4 24.3 36.5
71 57.3 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 3.272 ng
RT: 9.539 min Scan# 1064
Delta R.T. 0.363 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Tgt Ion: 70 Resp: 1060
Ion Ratio Lower Upper
70 100
42 63.1 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

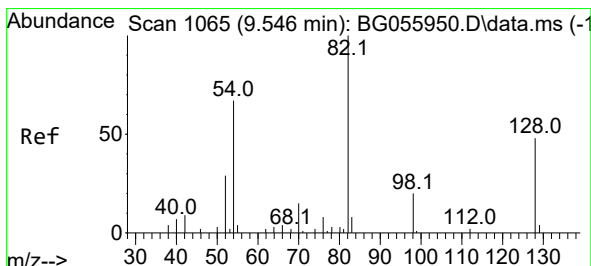
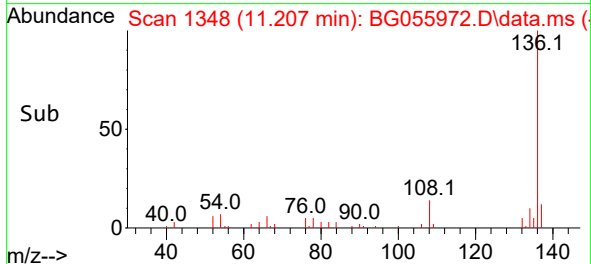
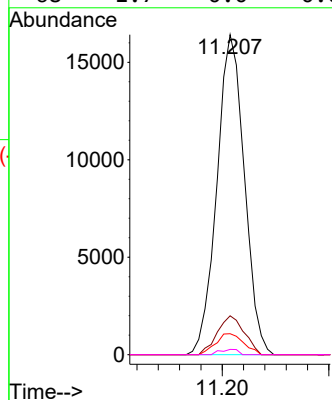
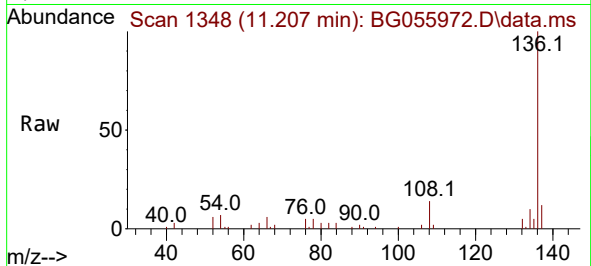




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.207 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

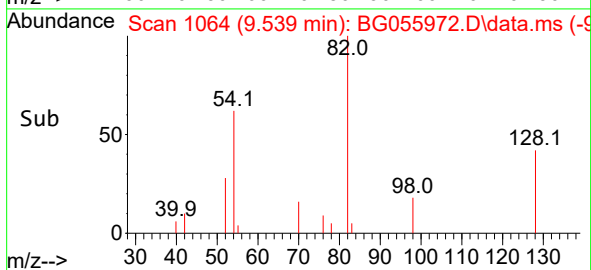
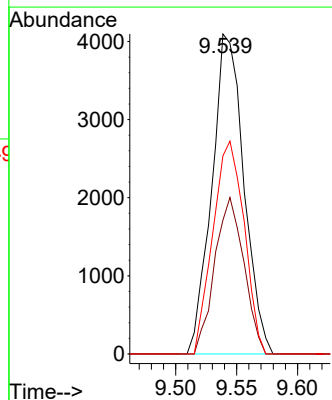
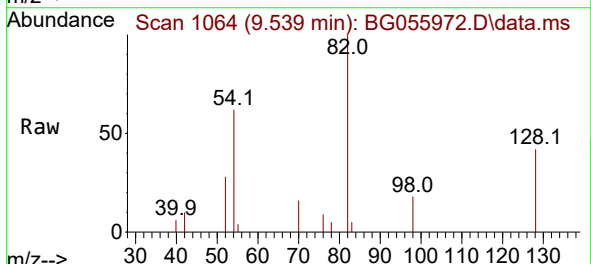
Instrument :
BNA_G
ClientSampleId :
EO-01-121222

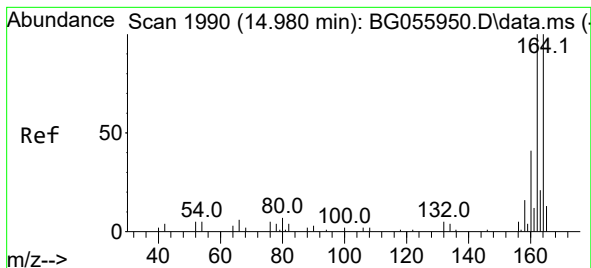
Tgt Ion:	136	Resp:	29350
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	6.5	5.6	8.4
68	1.7	0.0	0.0



#23
Nitrobenzene-d5
Concen: 17.824 ng
RT: 9.539 min Scan# 1064
Delta R.T. -0.007 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Tgt Ion:	82	Resp:	7486
Ion	Ratio	Lower	Upper
82	100		
128	41.8	38.4	57.6
54	61.9	53.3	79.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.979 min Scan# 1990

Delta R.T. -0.001 min

Lab File: BG055972.D

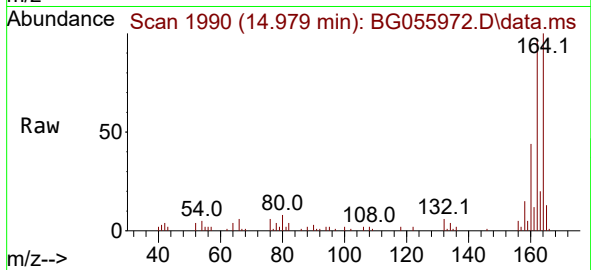
Acq: 14 Dec 2022 23:33

Instrument :

BNA_G

ClientSampleId :

EO-01-121222



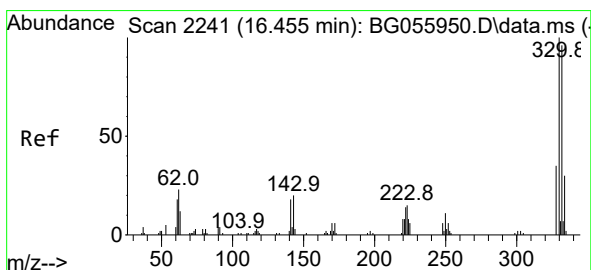
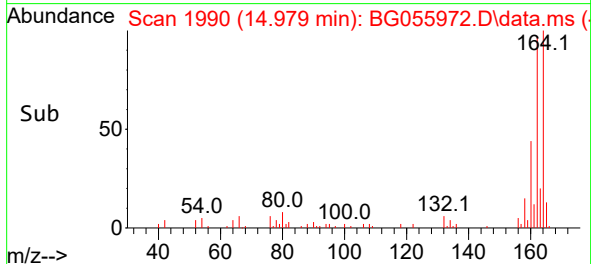
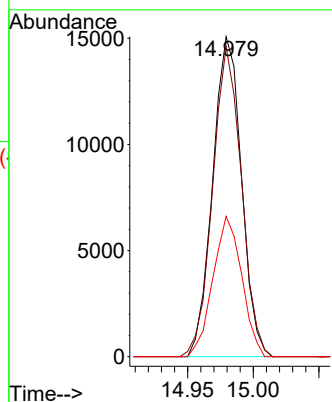
Tgt Ion:164 Resp: 22965

Ion Ratio Lower Upper

164 100

162 96.9 79.8 119.8

160 43.9 33.0 49.4



#42

2,4,6-Tribromophenol

Concen: 24.534 ng

RT: 16.454 min Scan# 2241

Delta R.T. -0.001 min

Lab File: BG055972.D

Acq: 14 Dec 2022 23:33

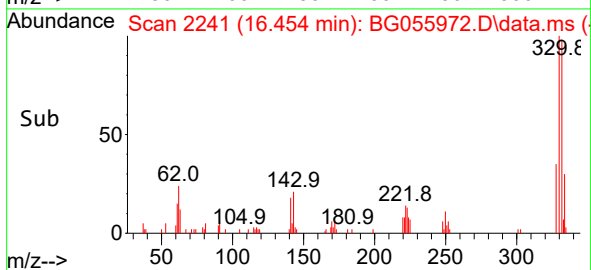
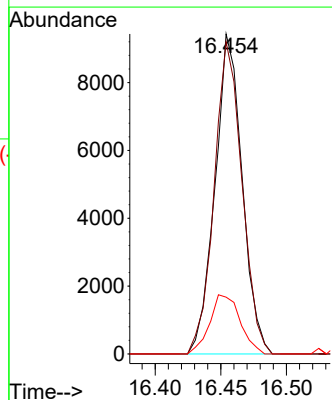
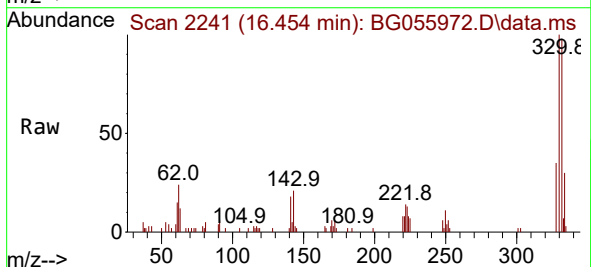
Tgt Ion:330 Resp: 13586

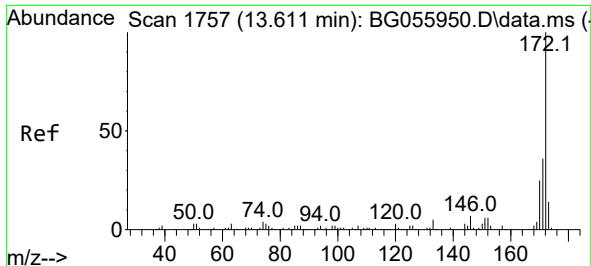
Ion Ratio Lower Upper

330 100

332 99.6 76.6 114.8

141 20.7 15.0 22.4

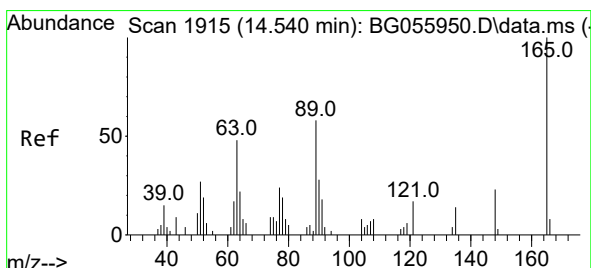
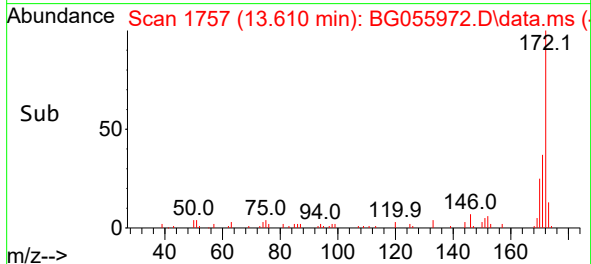
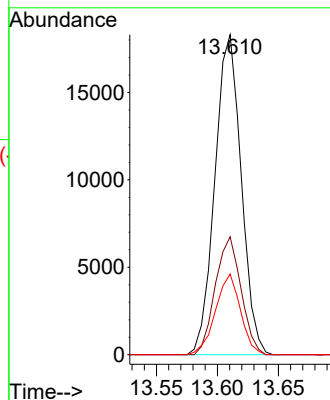
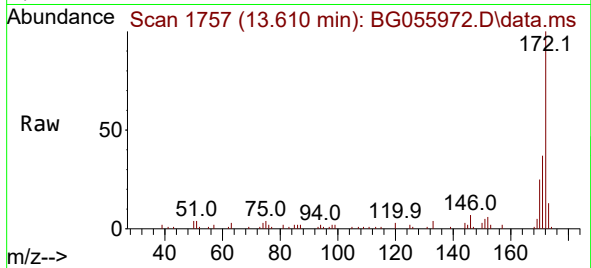




#45
2-Fluorobiphenyl
Concen: 16.779 ng
RT: 13.610 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

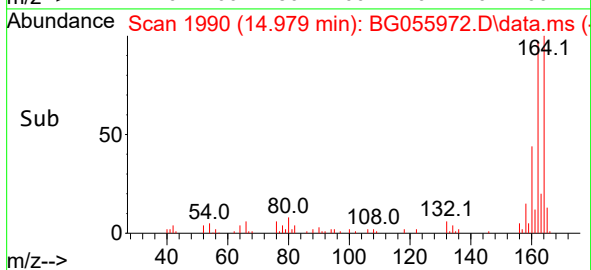
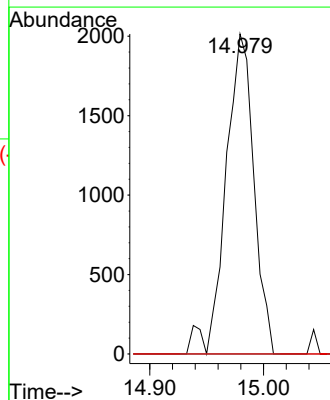
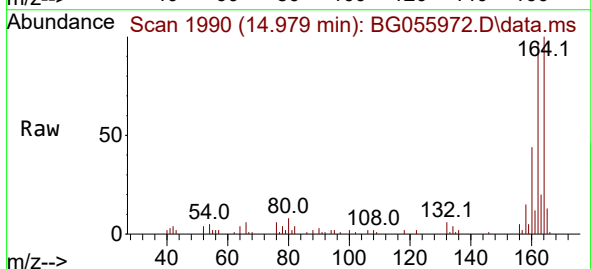
Instrument :
BNA_G
ClientSampleId :
EO-01-121222

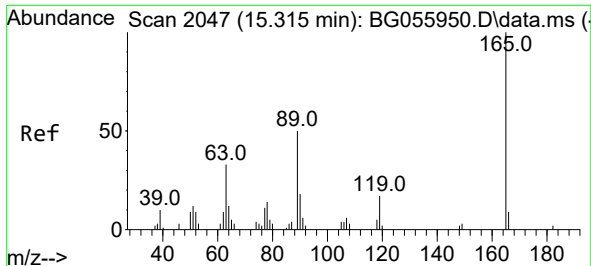
Tgt Ion:172 Resp: 27475
Ion Ratio Lower Upper
172 100
171 36.8 28.6 42.8
170 25.2 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 11.291 ng
RT: 14.979 min Scan# 1990
Delta R.T. 0.439 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Tgt Ion:165 Resp: 3469
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#





#57

2,4-Dinitrotoluene

Concen: 7.480 ng

RT: 14.979 min Scan# 1990

Delta R.T. -0.336 min

Lab File: BG055972.D

Acq: 14 Dec 2022 23:33

Instrument :

BNA_G

ClientSampleId :

EO-01-121222

Tgt Ion:165 Resp: 3469

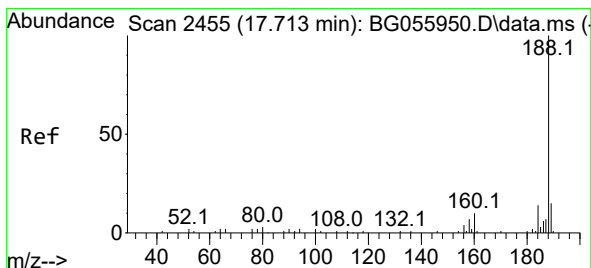
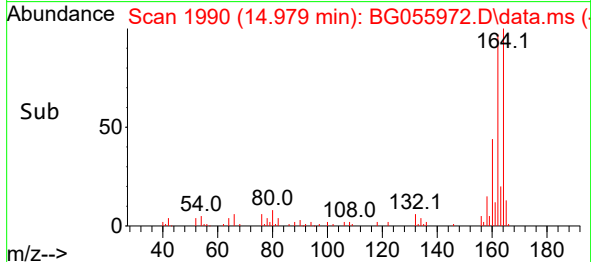
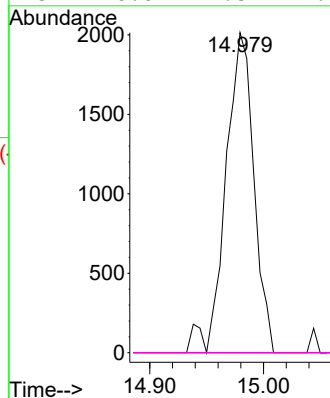
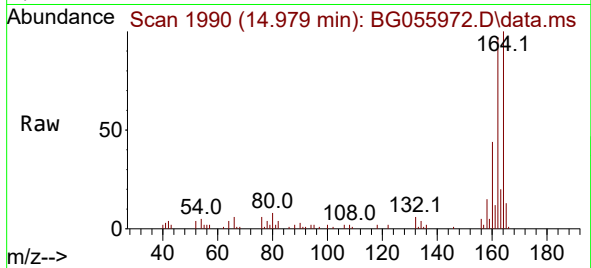
Ion Ratio Lower Upper

165 100

63 0.0 26.6 39.8#

89 0.0 40.1 60.1#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.717 min Scan# 2456

Delta R.T. 0.005 min

Lab File: BG055972.D

Acq: 14 Dec 2022 23:33

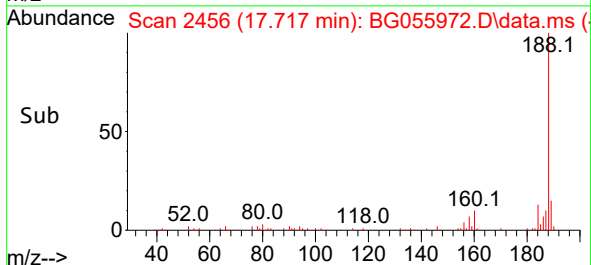
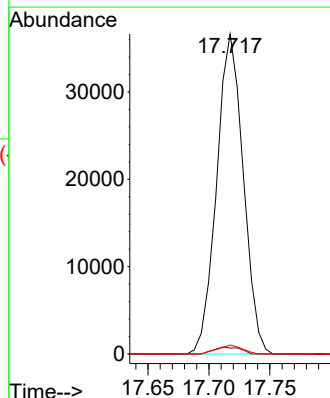
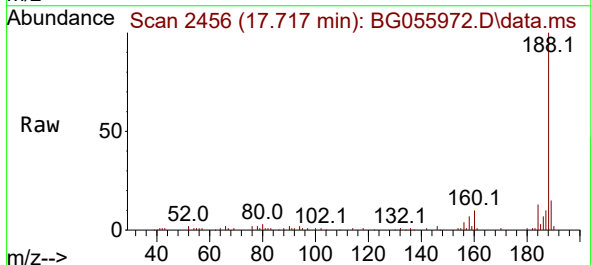
Tgt Ion:188 Resp: 55629

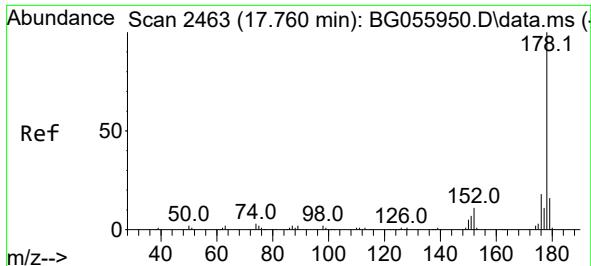
Ion Ratio Lower Upper

188 100

94 1.8 1.8 2.8

80 2.8 2.4 3.6

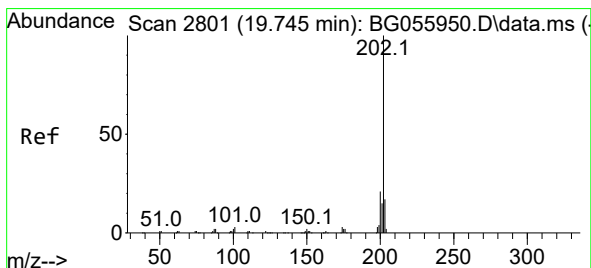
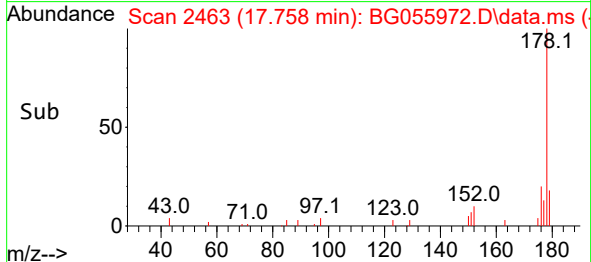
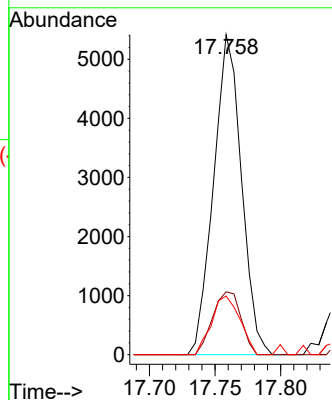
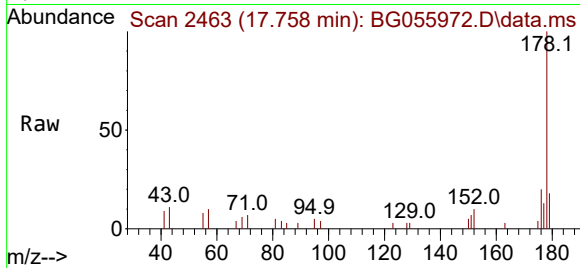




#71
Phenanthrene
Concen: 2.741 ng
RT: 17.758 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

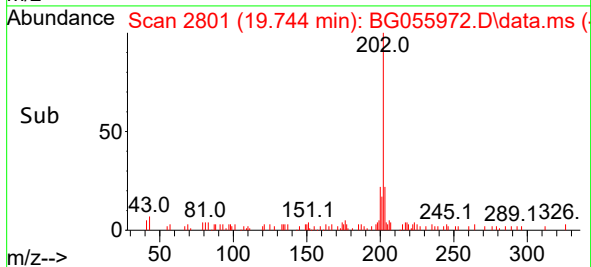
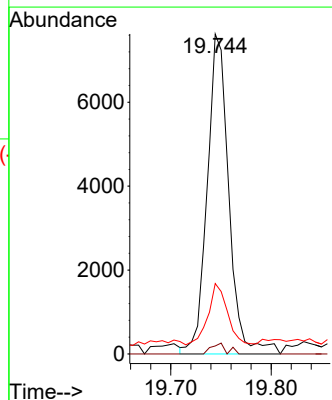
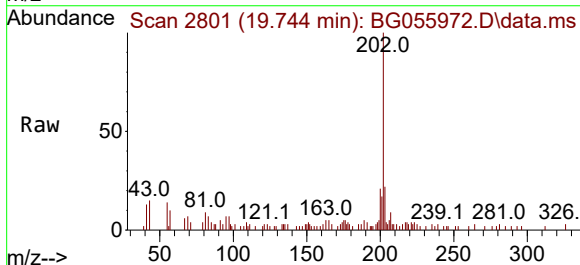
Instrument :
BNA_G
ClientSampleId :
EO-01-121222

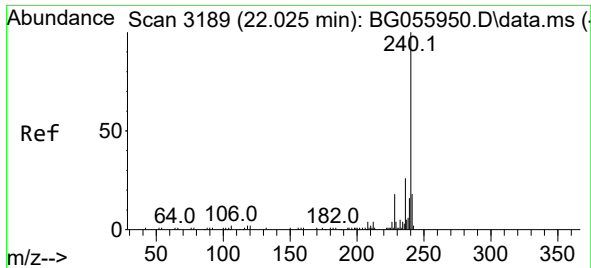
Tgt Ion:178 Resp: 7991
Ion Ratio Lower Upper
178 100
176 19.6 14.4 21.6
179 18.3 12.7 19.1



#75
Fluoranthene
Concen: 2.800 ng
RT: 19.744 min Scan# 2801
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Tgt Ion:202 Resp: 11430
Ion Ratio Lower Upper
202 100
101 2.5 0.0 22.6
203 22.0 0.0 37.1

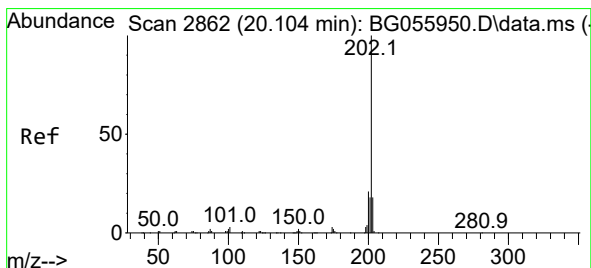
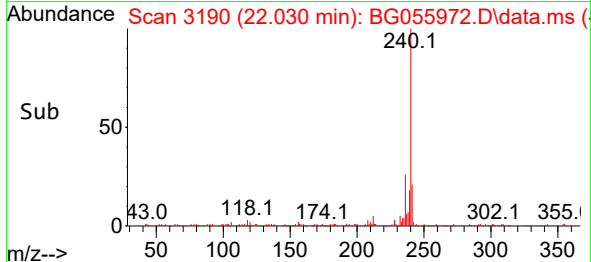
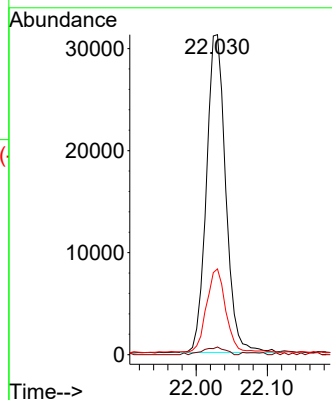
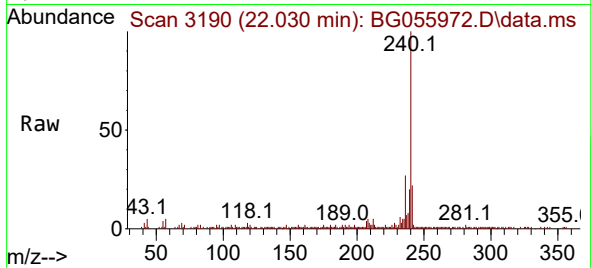




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.030 min Scan# 3189
Delta R.T. 0.005 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

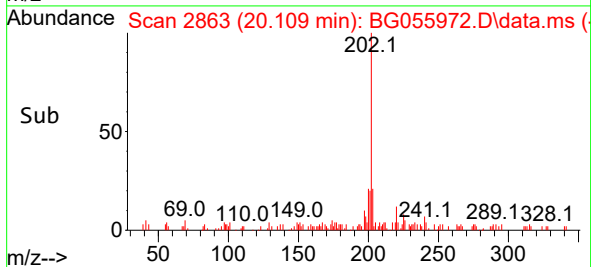
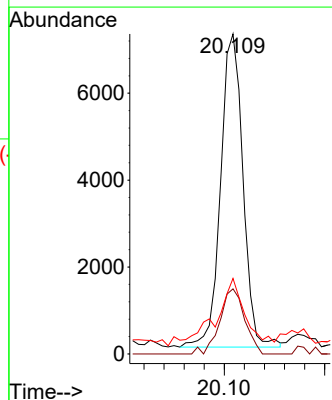
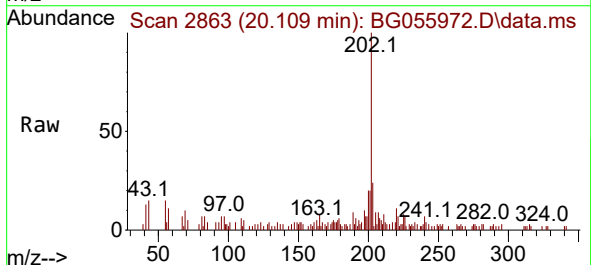
Instrument :
BNA_G
ClientSampleId :
EO-01-121222

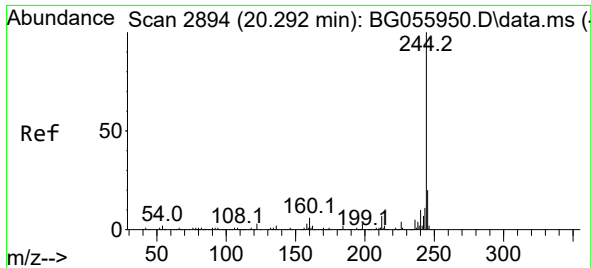
Tgt Ion:240 Resp: 58758
Ion Ratio Lower Upper
240 100
120 2.4 1.7 2.5
236 26.8 21.1 31.7



#78
Pyrene
Concen: 3.135 ng
RT: 20.109 min Scan# 2863
Delta R.T. 0.005 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Tgt Ion:202 Resp: 11147
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 23.6 14.6 21.8#

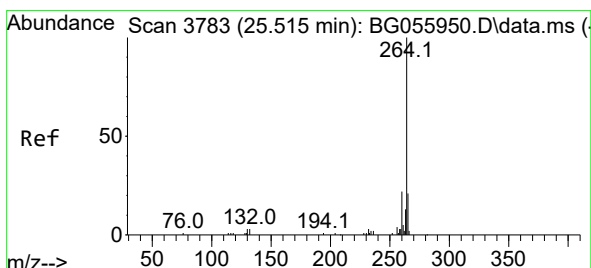
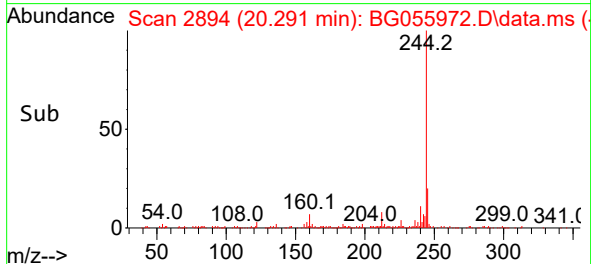
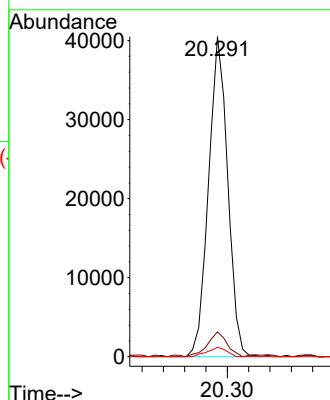
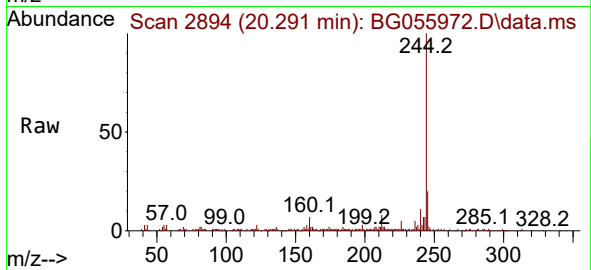




#79
 Terphenyl-d14
 Concen: 15.206 ng
 RT: 20.291 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055972.D
 Acq: 14 Dec 2022 23:33

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-121222

Tgt Ion:244 Resp: 50554
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 2.9 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.532 min Scan# 3786
 Delta R.T. 0.017 min
 Lab File: BG055972.D
 Acq: 14 Dec 2022 23:33

Tgt Ion:264 Resp: 56467
 Ion Ratio Lower Upper
 264 100
 260 26.0 17.8 26.8
 265 23.5 16.6 25.0

