

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055960.D
 Acq On : 14 Dec 2022 15:22
 Operator : CG/JU
 Sample : N5993-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC1-E5

Quant Time: Dec 15 00:49:57 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)

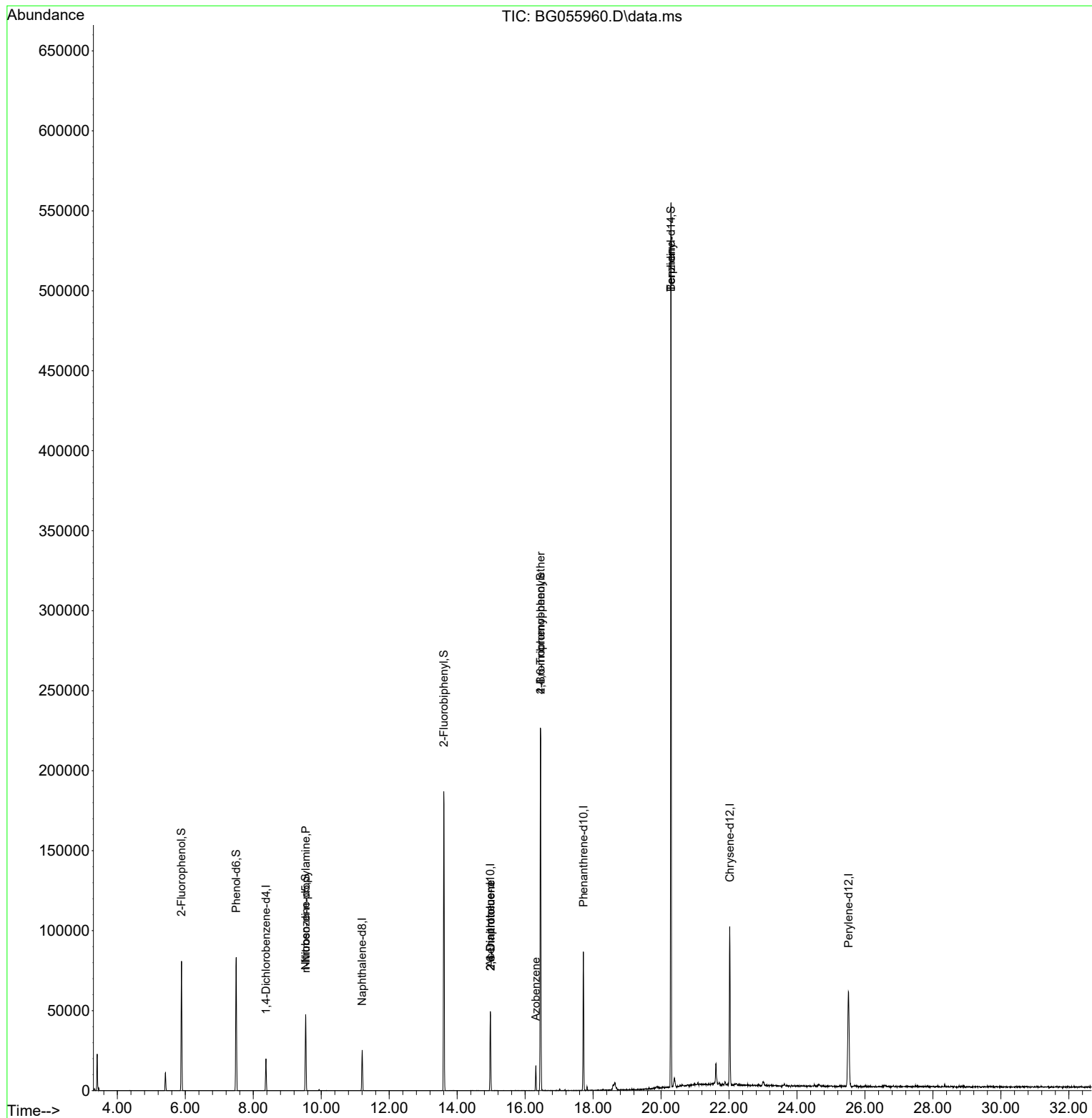
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.371	152	6044	20.000	ng	0.00
21) Naphthalene-d8	11.203	136	22767	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	20386	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	62231	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	70709	20.000	ng	0.00
86) Perylene-d12	25.515	264	86682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	32785	127.212	ng	0.00
7) Phenol-d6	7.495	99	40757	122.960	ng	0.00
23) Nitrobenzene-d5	9.540	82	24357	74.763	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	64030	130.257	ng	0.00
45) 2-Fluorobiphenyl	13.606	172	106234	73.085	ng	0.00
79) Terphenyl-d14	20.292	244	317664	79.401	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.546	70	3662	15.413	ng	# 62
51) 2,6-Dinitrotoluene	14.981	165	2727	9.998	ng	# 25
57) 2,4-Dinitrotoluene	14.981	165	2727	6.624	ng	# 35
63) Azobenzene	16.314	77	4096	3.906	ng	# 1
67) 4-Bromophenyl-phenylether	16.455	248	3546	3.889	ng	# 1
77) Benzidine	20.292	184	4532	3.650	ng	# 97

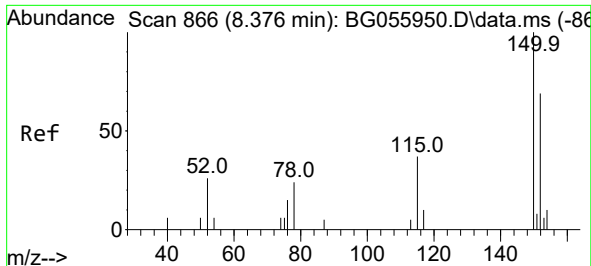
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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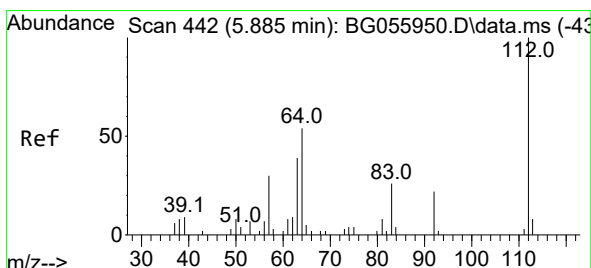
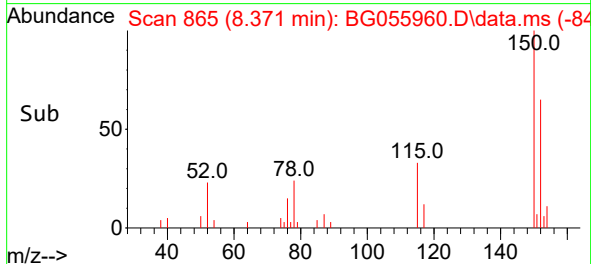
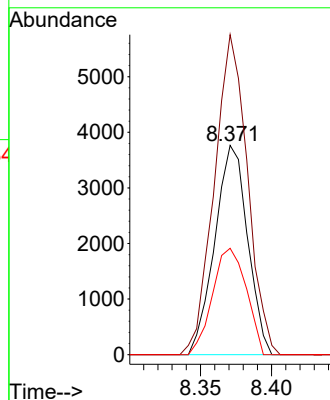
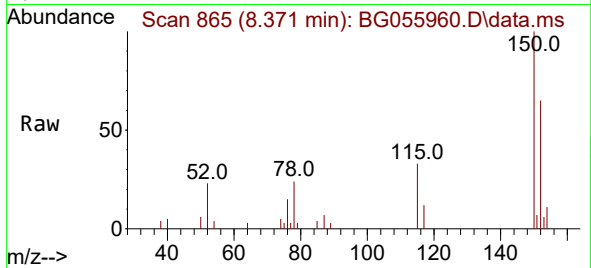




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.371 min Scan# 866
Delta R.T. -0.005 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

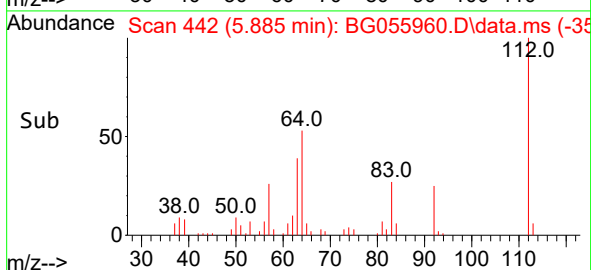
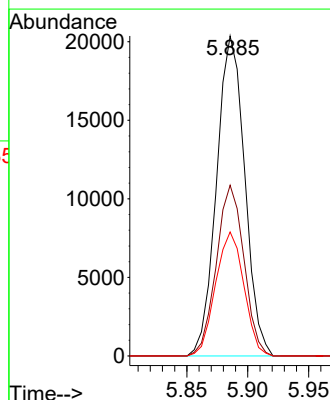
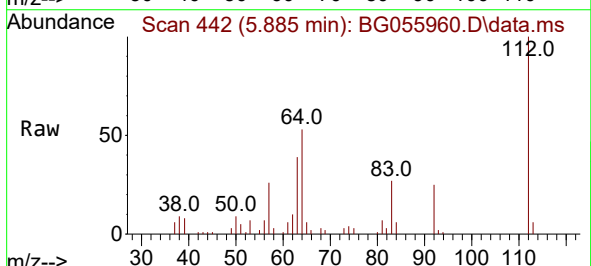
Instrument :
BNA_G
ClientSampleId :
AOC1-E5

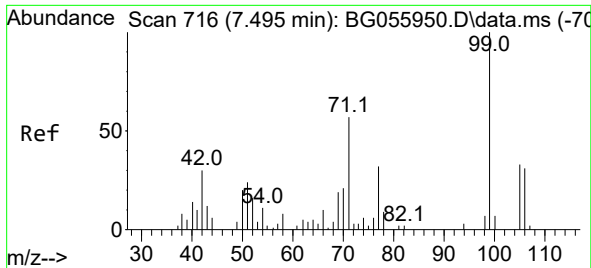
Tgt Ion:152 Resp: 6044
Ion Ratio Lower Upper
152 100
150 152.9 115.7 173.5
115 50.9 43.0 64.4



#5
2-Fluorophenol
Concen: 127.212 ng
RT: 5.885 min Scan# 442
Delta R.T. 0.000 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

Tgt Ion:112 Resp: 32785
Ion Ratio Lower Upper
112 100
64 53.3 43.0 64.4
63 38.8 31.4 47.2

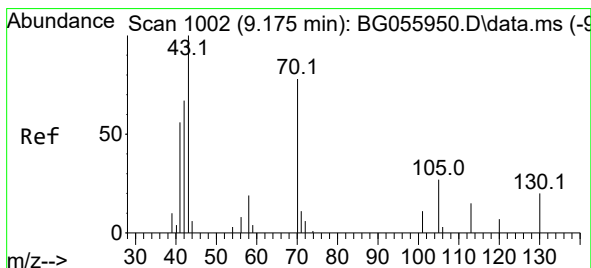
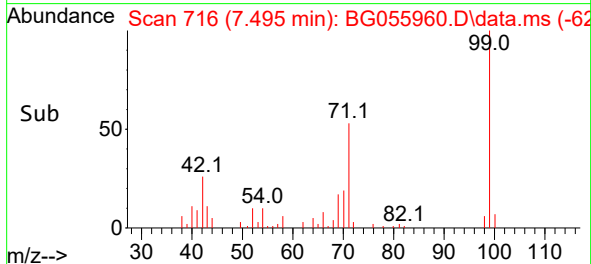
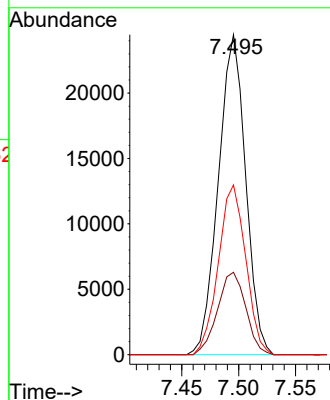
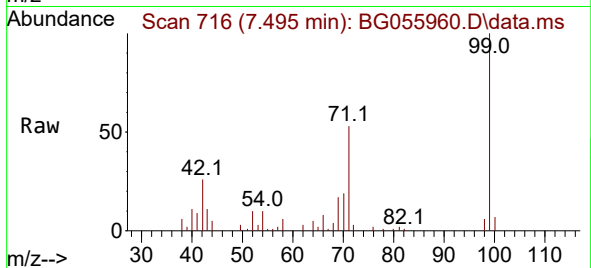




#7
Phenol-d6
Concen: 122.960 ng
RT: 7.495 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

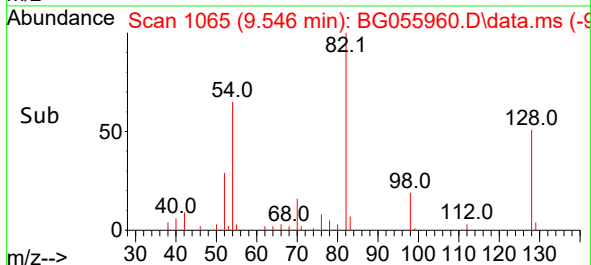
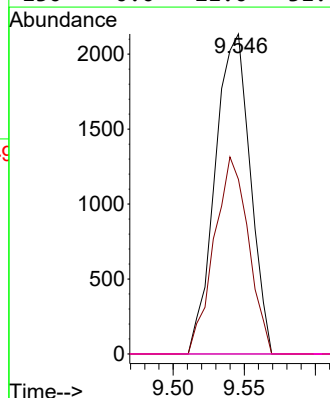
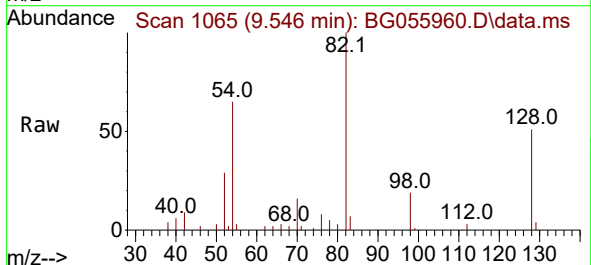
Instrument :
BNA_G
ClientSampleId :
AOC1-E5

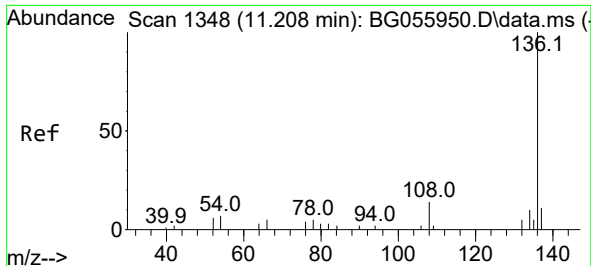
Tgt Ion: 99 Resp: 40757
Ion Ratio Lower Upper
99 100
42 25.7 24.3 36.5
71 53.0 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.413 ng
RT: 9.546 min Scan# 1065
Delta R.T. 0.370 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

Tgt Ion: 70 Resp: 3662
Ion Ratio Lower Upper
70 100
42 54.6 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

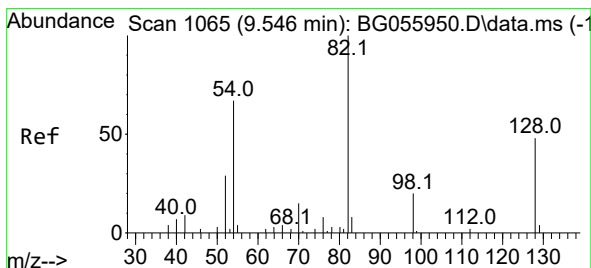
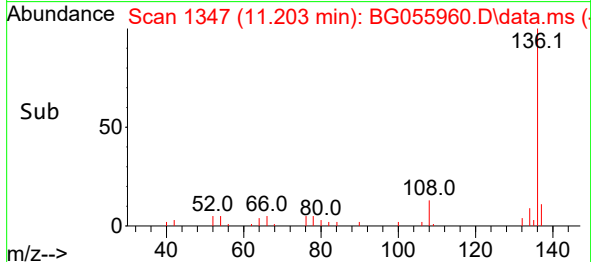
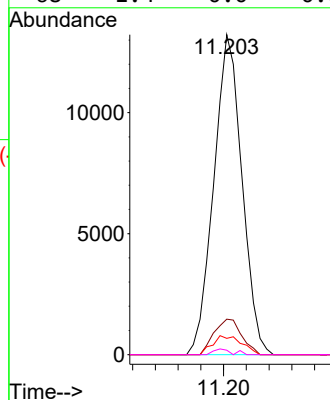
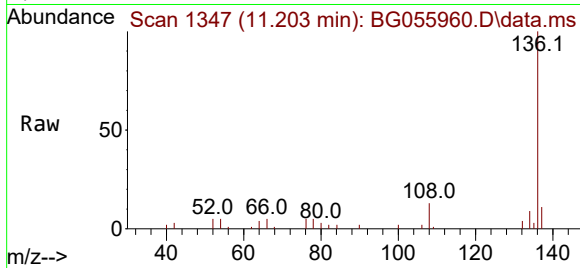




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

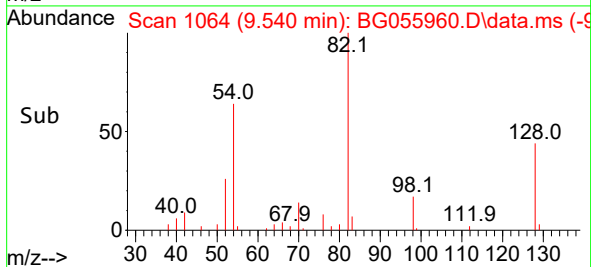
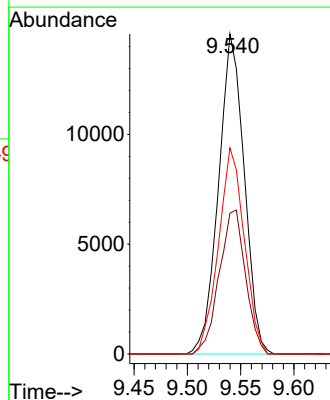
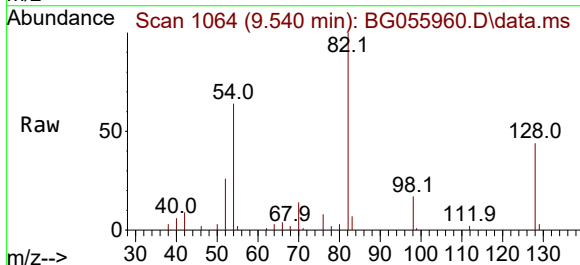
Instrument :
BNA_G
ClientSampleId :
AOC1-E5

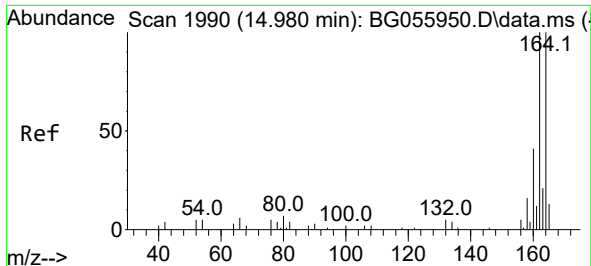
Tgt Ion:	136	Resp:	22767
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.2	13.8
54	5.1	5.6	8.4#
68	1.4	0.0	0.0#



#23
Nitrobenzene-d5
Concen: 74.763 ng
RT: 9.540 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

Tgt Ion:	82	Resp:	24357
Ion Ratio	Lower	Upper	
82	100		
128	44.0	38.4	57.6
54	64.4	53.3	79.9

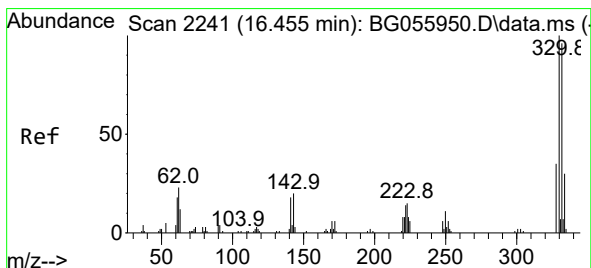
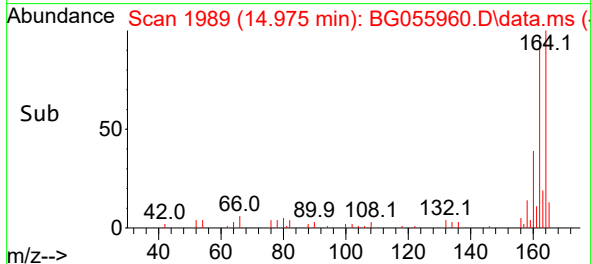
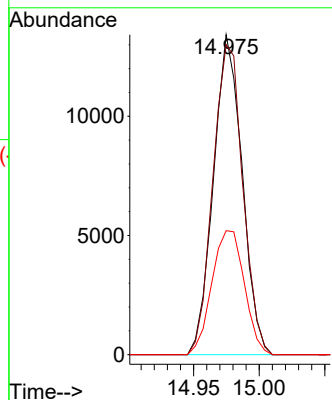
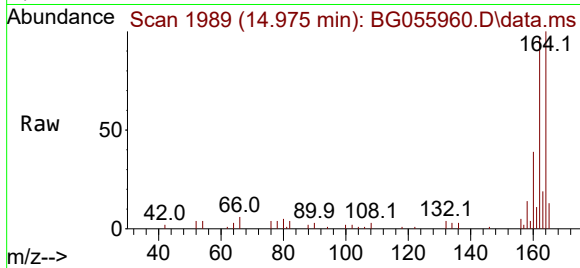




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

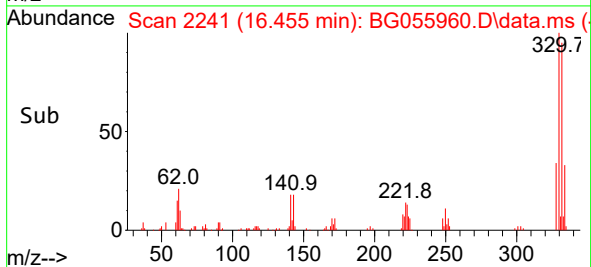
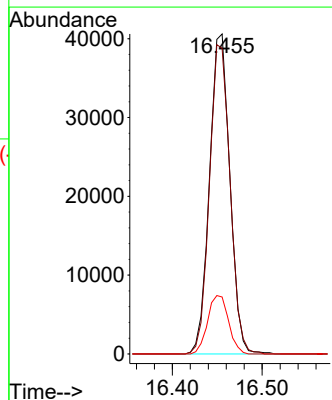
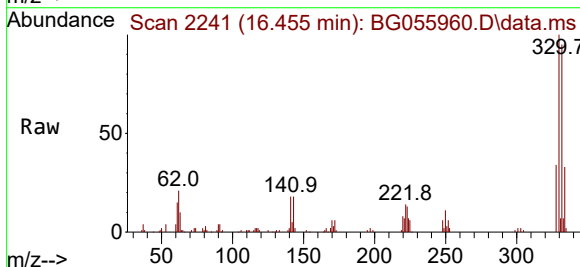
Instrument :
BNA_G
ClientSampleId :
AOC1-E5

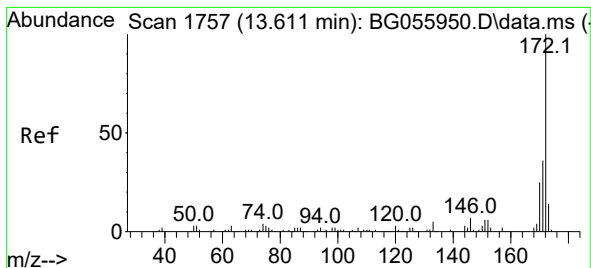
Tgt Ion:164 Resp: 20386
Ion Ratio Lower Upper
164 100
162 96.9 79.8 119.8
160 38.7 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 130.257 ng
RT: 16.455 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

Tgt Ion:330 Resp: 64030
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 18.7 15.0 22.4

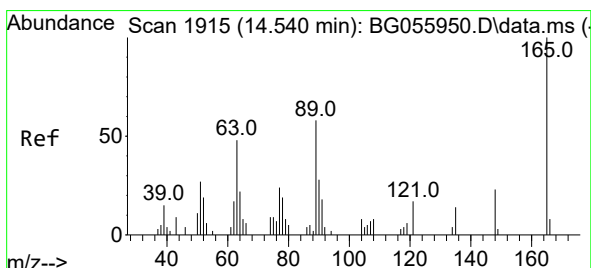
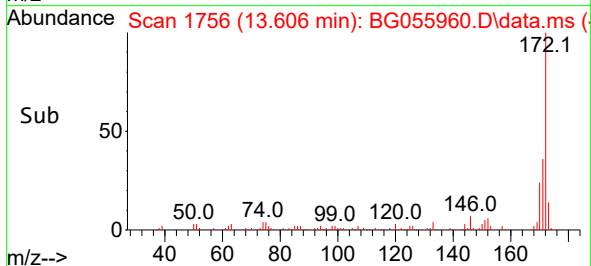
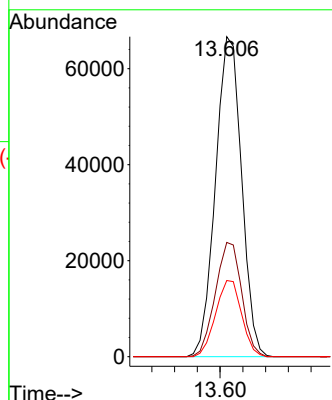
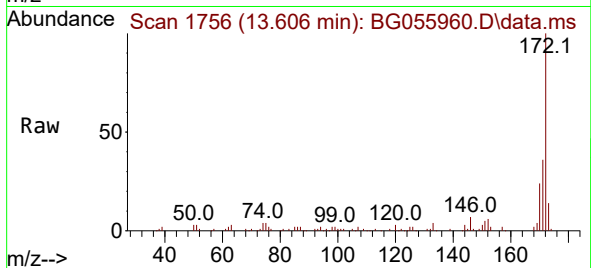




#45
2-Fluorobiphenyl
Concen: 73.085 ng
RT: 13.606 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

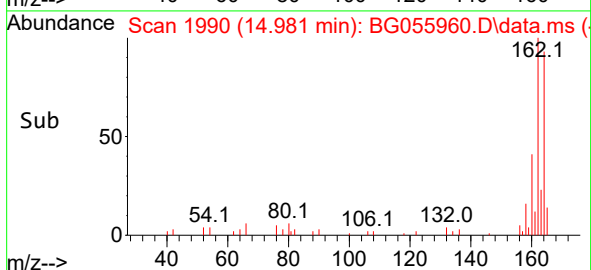
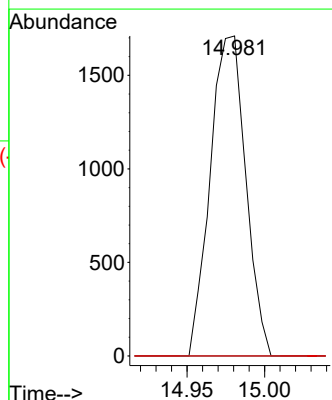
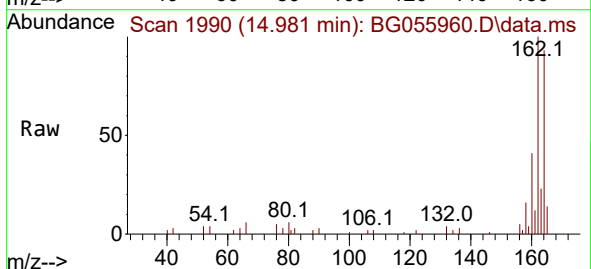
Instrument :
BNA_G
ClientSampleId :
AOC1-E5

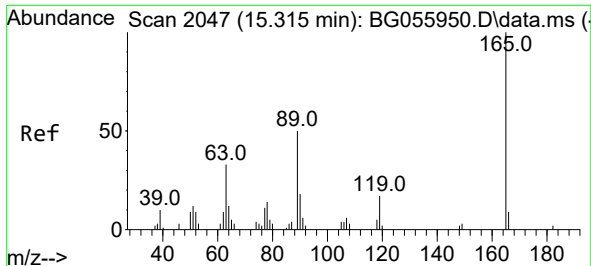
Tgt Ion:172 Resp: 106234
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.8 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 9.998 ng
RT: 14.981 min Scan# 1990
Delta R.T. 0.441 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

Tgt Ion:165 Resp: 2727
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: 6.624 ng

RT: 14.981 min Scan# 1990

Delta R.T. -0.335 min

Lab File: BG055960.D

Acq: 14 Dec 2022 15:22

Instrument :

BNA_G

ClientSampleId :

AOC1-E5

Tgt Ion:165 Resp: 2727

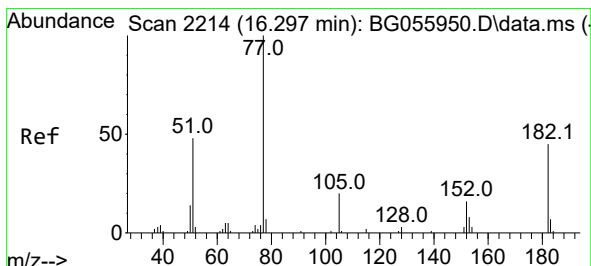
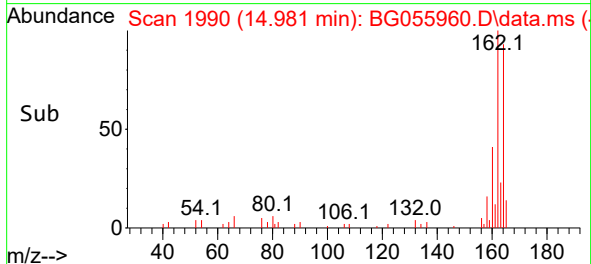
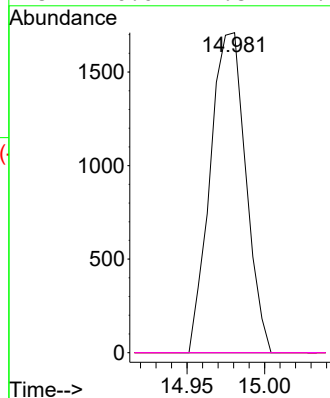
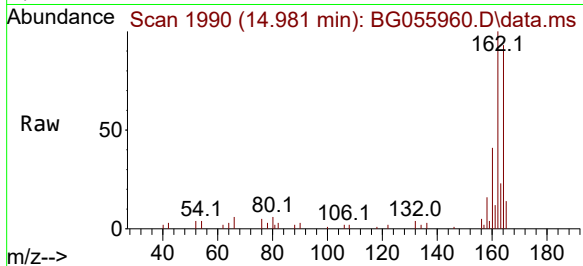
Ion Ratio Lower Upper

165 100

63 0.0 26.6 39.8#

89 0.0 40.1 60.1#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 3.906 ng

RT: 16.314 min Scan# 2217

Delta R.T. 0.018 min

Lab File: BG055960.D

Acq: 14 Dec 2022 15:22

Tgt Ion: 77 Resp: 4096

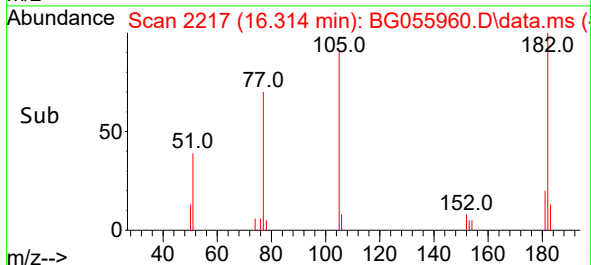
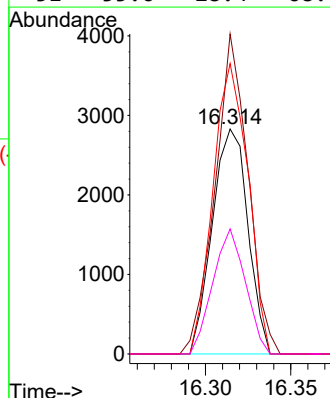
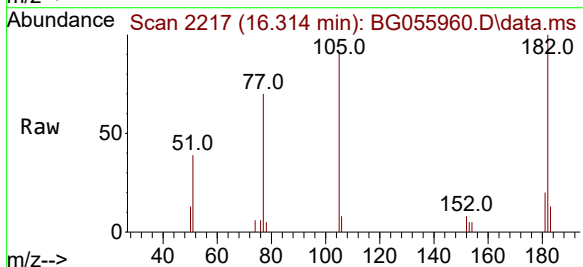
Ion Ratio Lower Upper

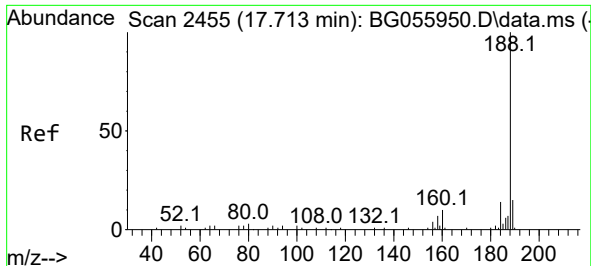
77 100

182 142.2 24.7 64.7#

105 129.0 0.3 40.3#

51 55.6 28.4 68.4

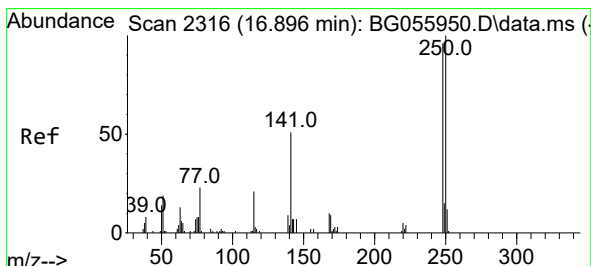
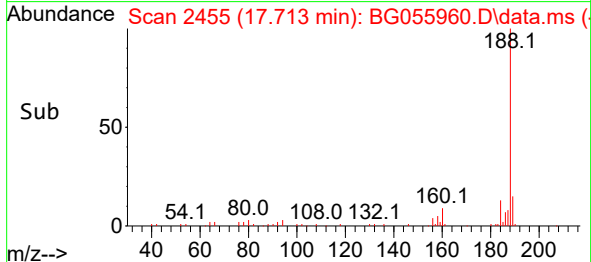
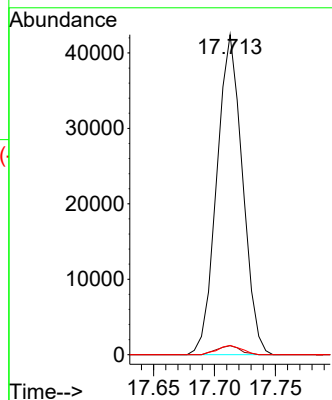
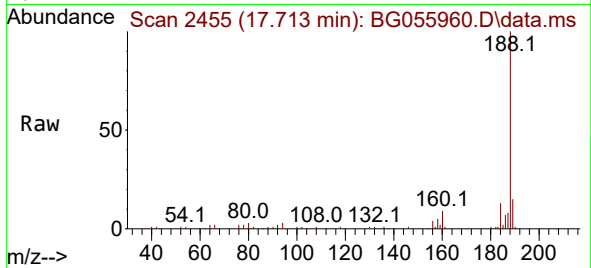




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

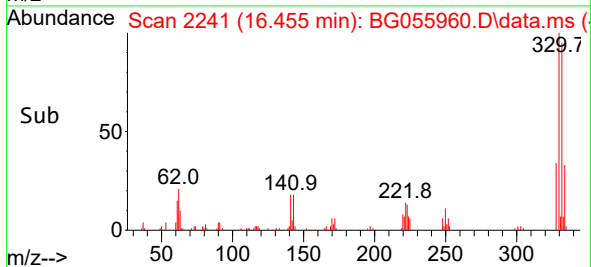
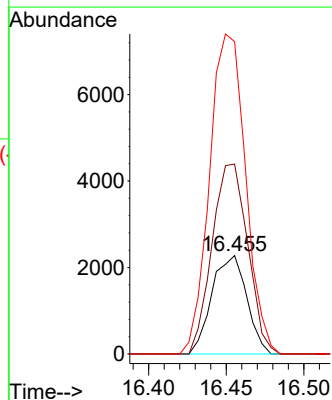
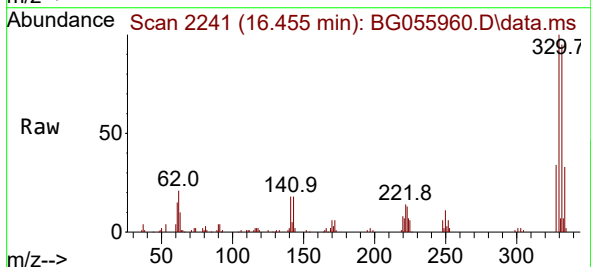
Instrument :
BNA_G
ClientSampleId :
AOC1-E5

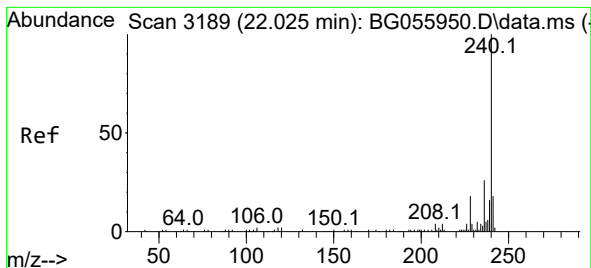
Tgt Ion:188 Resp: 62231
Ion Ratio Lower Upper
188 100
94 2.8 1.8 2.8#
80 2.9 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 3.889 ng
RT: 16.455 min Scan# 2241
Delta R.T. -0.440 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

Tgt Ion:248 Resp: 3546
Ion Ratio Lower Upper
248 100
250 193.0 83.0 124.6#
141 317.3 42.6 64.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055960.D

Acq: 14 Dec 2022 15:22

Instrument :

BNA_G

ClientSampleId :

AOC1-E5

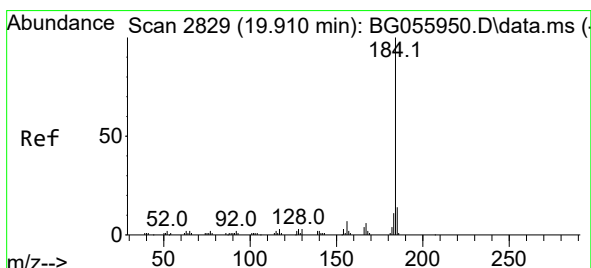
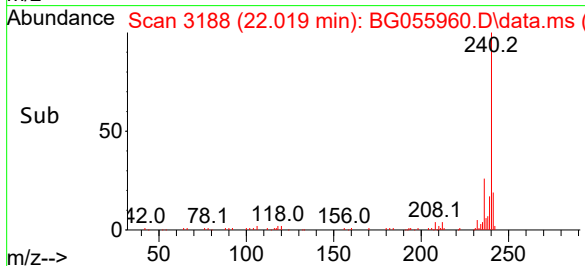
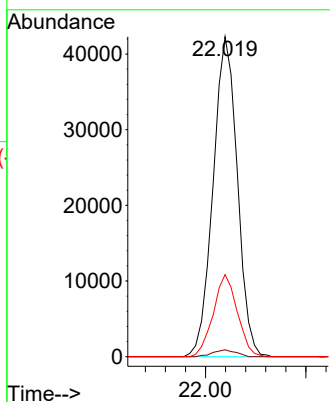
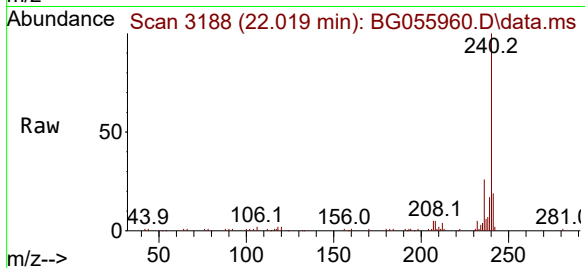
Tgt Ion:240 Resp: 70709

Ion Ratio Lower Upper

240 100

120 2.1 1.7 2.5

236 25.7 21.1 31.7



#77

Benzidine

Concen: 3.650 ng

RT: 20.292 min Scan# 2894

Delta R.T. 0.382 min

Lab File: BG055960.D

Acq: 14 Dec 2022 15:22

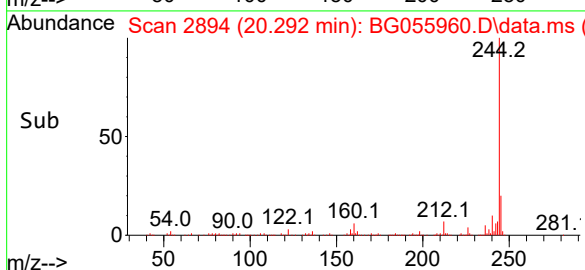
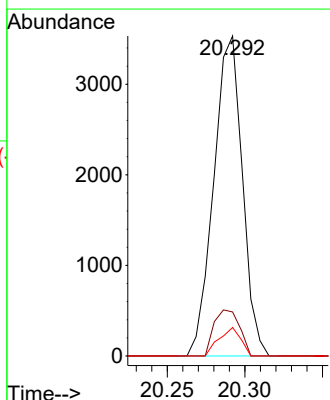
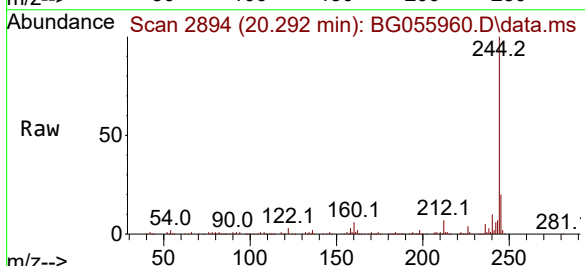
Tgt Ion:184 Resp: 4532

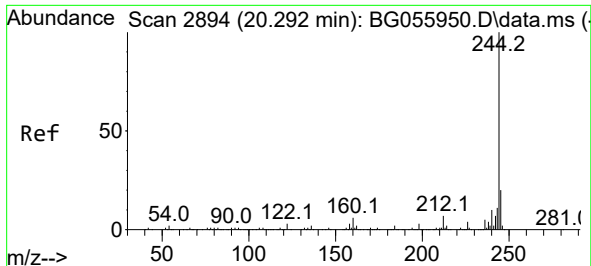
Ion Ratio Lower Upper

184 100

185 13.8 10.9 16.3

183 8.9 9.2 13.8#

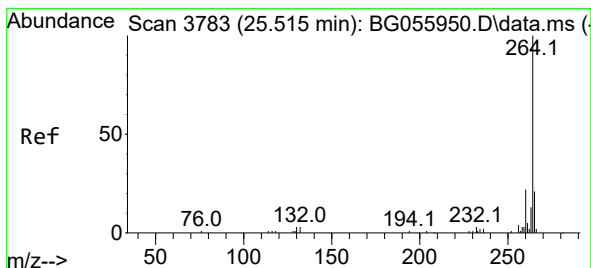
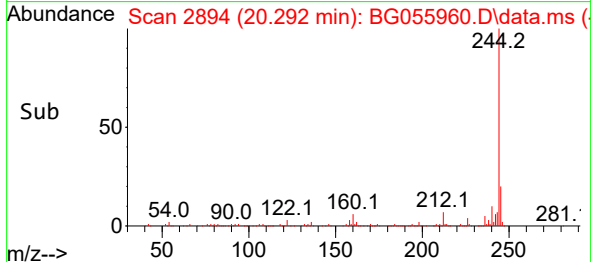
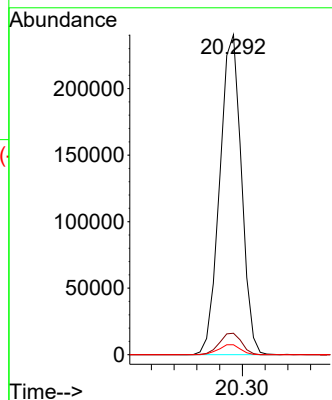
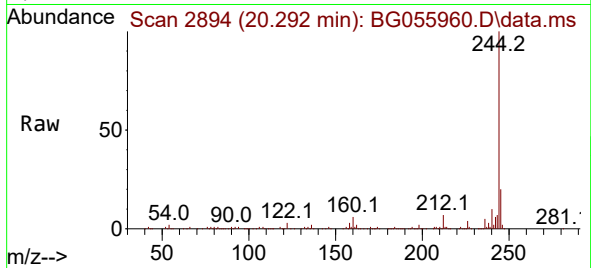




#79
 Terphenyl-d14
 Concen: 79.401 ng
 RT: 20.292 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055960.D
 Acq: 14 Dec 2022 15:22

Instrument :
 BNA_G
 ClientSampleId :
 AOC1-E5

Tgt Ion:244 Resp: 317664
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 3.1 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.515 min Scan# 3783
 Delta R.T. 0.000 min
 Lab File: BG055960.D
 Acq: 14 Dec 2022 15:22

Tgt Ion:264 Resp: 86682
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.8 26.8
 265 20.5 16.6 25.0

