

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
 Data File : BG056572.D
 Acq On : 7 Feb 2023 18:02
 Operator : CG/JU
 Sample : 01462-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Feb 08 03:06:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

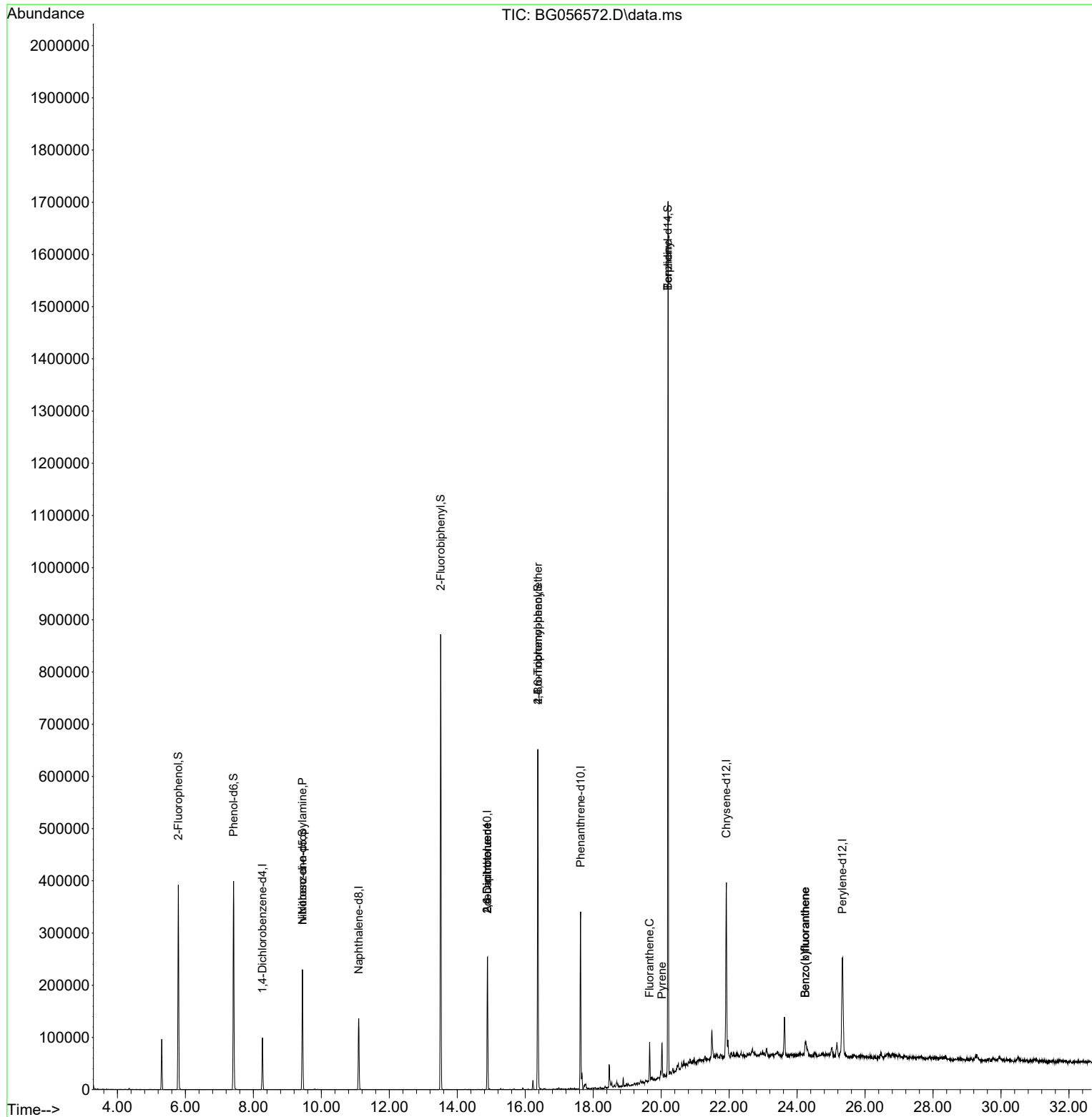
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	33674	20.000	ng	0.00
21) Naphthalene-d8	11.101	136	129871	20.000	ng	0.00
39) Acenaphthene-d10	14.885	164	99380	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	240947	20.000	ng	0.00
76) Chrysene-d12	21.918	240	217256	20.000	ng	0.00
86) Perylene-d12	25.332	264	235696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	226779	123.887	ng	0.00
7) Phenol-d6	7.417	99	311185	114.734	ng	0.00
23) Nitrobenzene-d5	9.444	82	163703	71.578	ng	0.00
42) 2,4,6-Tribromophenol	16.371	330	146082	110.568	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	526142	73.401	ng	0.00
79) Terphenyl-d14	20.202	244	902039	72.924	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.417	77	310	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.444	70	20773	13.290	ng	# 75
51) 2,6-Dinitrotoluene	14.885	165	13013	7.422	ng	# 36
57) 2,4-Dinitrotoluene	14.885	165	13013	5.269	ng	# 35
67) 4-Bromophenyl-phenylether	16.371	248	11013	3.570	ng	# 1
75) Fluoranthene	19.662	202	50423	3.168	ng	100
77) Benzidine	20.202	184	12610	2.145	ng	# 95
78) Pyrene	20.026	202	48384	3.131	ng	98
88) Benzo(b)fluoranthene	24.239	252	33799	2.310	ng	# 93
89) Benzo(k)fluoranthene	24.239	252	33799	2.288	ng	# 91

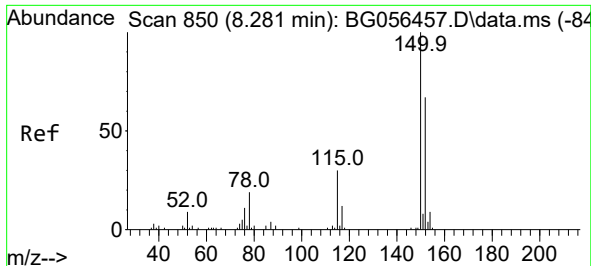
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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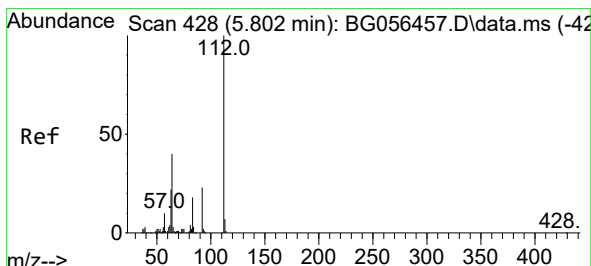
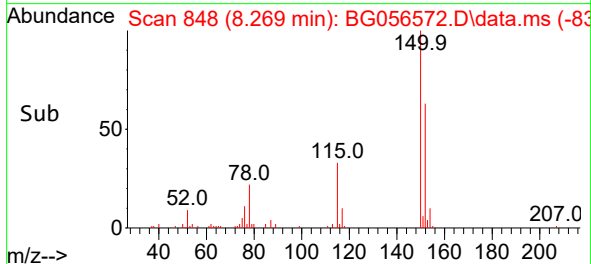
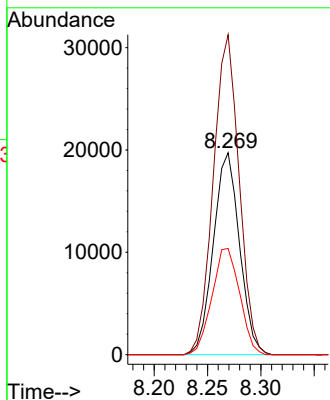
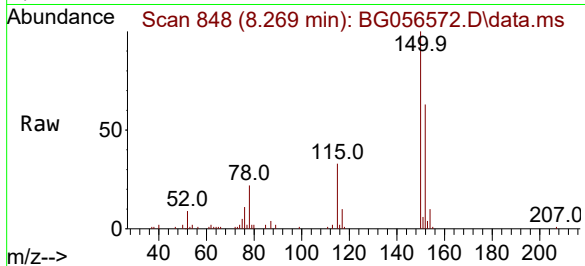




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.269 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

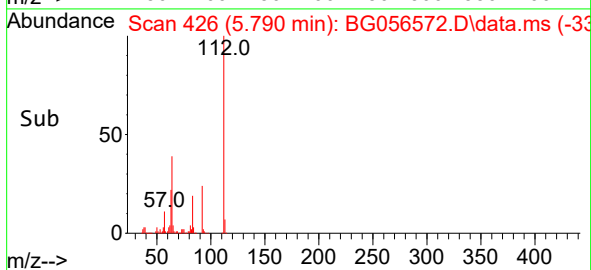
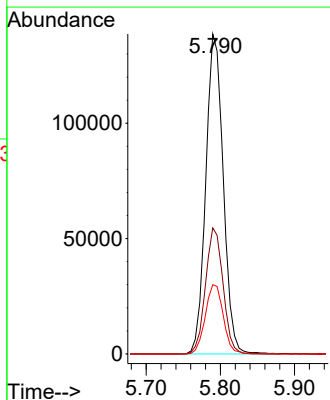
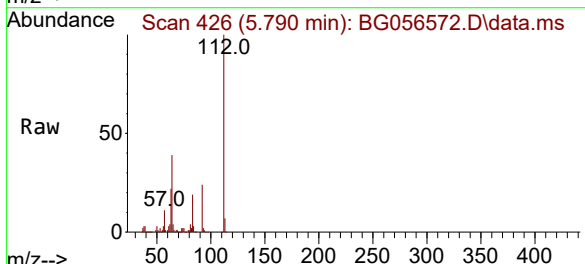
Instrument :
BNA_G
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COMP-3

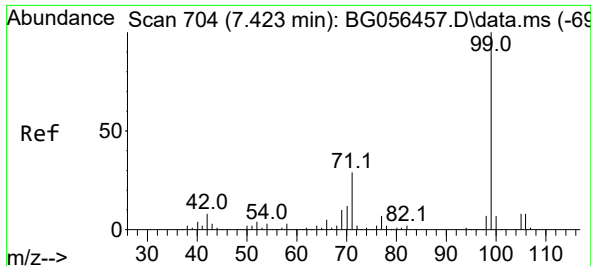
Tgt Ion:152 Resp: 33674
Ion Ratio Lower Upper
152 100
150 158.5 120.2 180.4
115 52.7 36.3 54.5



#5
2-Fluorophenol
Concen: 123.887 ng
RT: 5.790 min Scan# 426
Delta R.T. -0.000 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

Tgt Ion:112 Resp: 226779
Ion Ratio Lower Upper
112 100
64 39.4 31.9 47.9
63 21.6 17.4 26.0

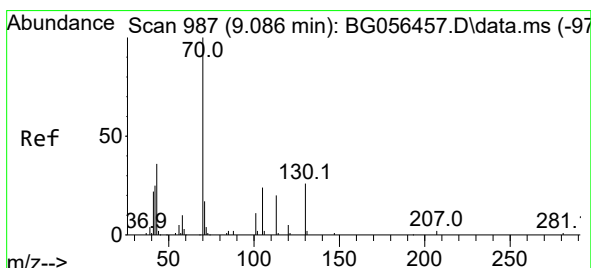
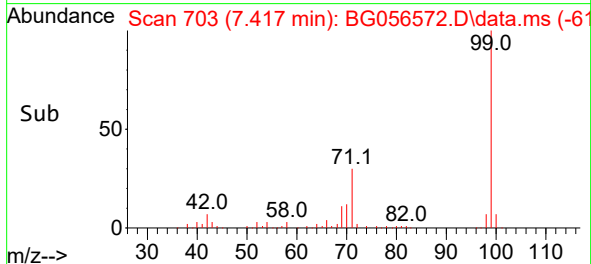
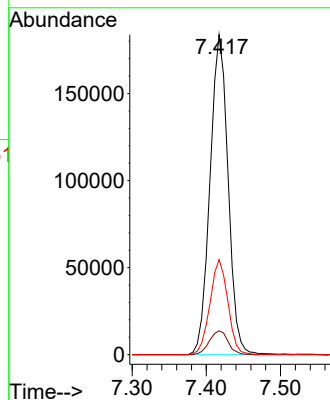
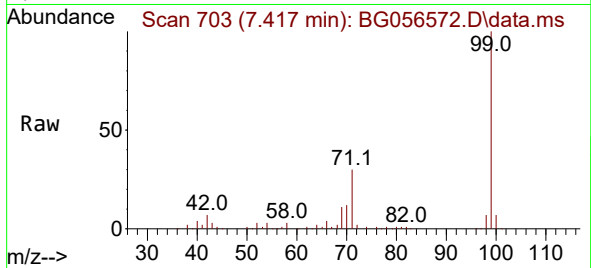




#7
Phenol-d6
Concen: 114.734 ng
RT: 7.417 min Scan# 704
Delta R.T. -0.000 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

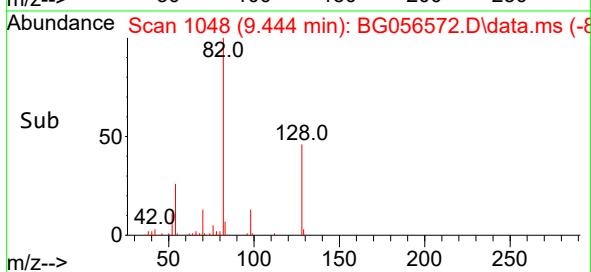
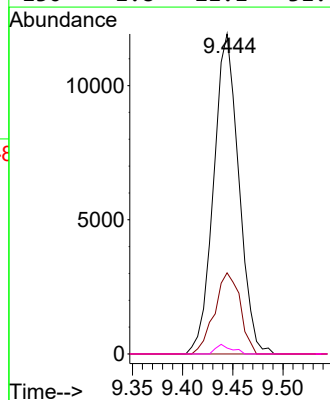
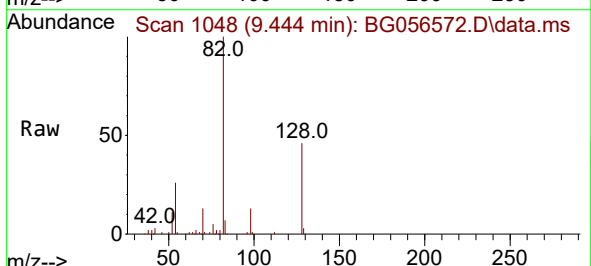
Instrument :
BNA_G
ClientSampleId :
COMP-3

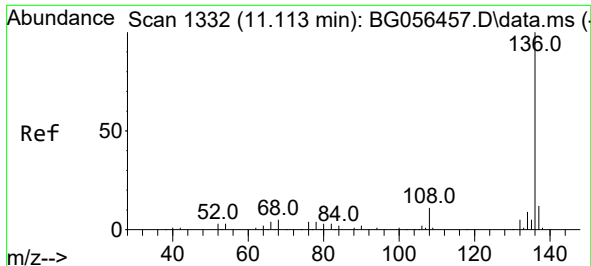
Tgt Ion: 99 Resp: 311185
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 29.7 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.290 ng
RT: 9.444 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

Tgt Ion: 70 Resp: 20773
Ion Ratio Lower Upper
70 100
42 25.4 20.2 30.4
101 0.0 9.1 13.7#
130 1.8 21.1 31.7#

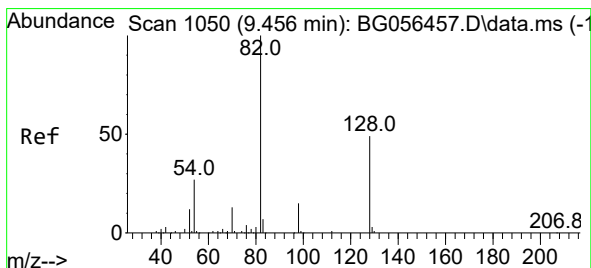
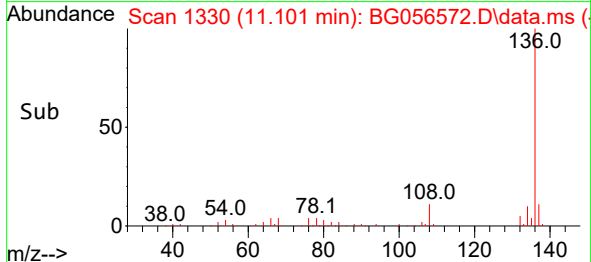
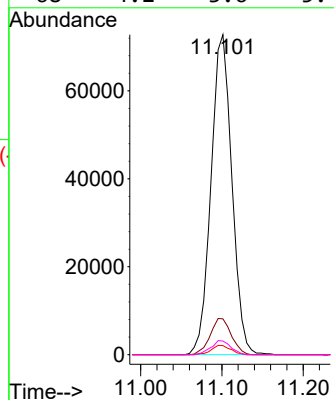
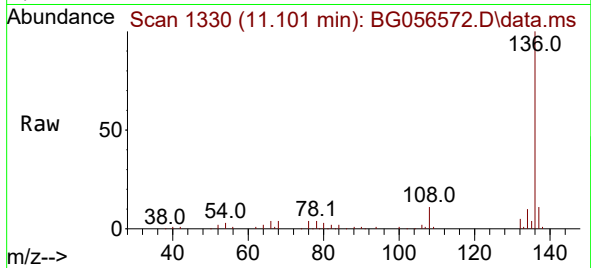




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.101 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

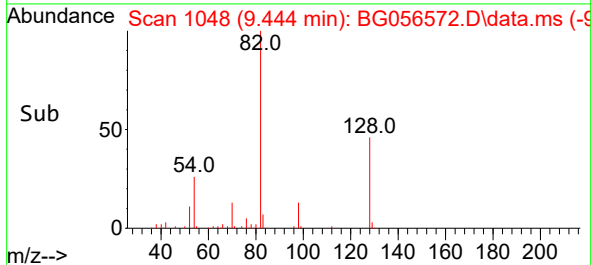
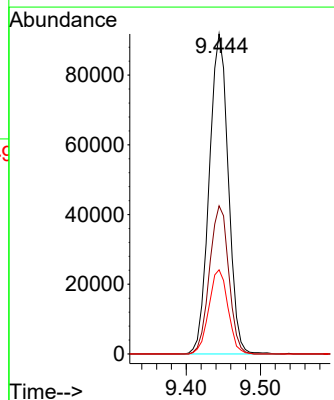
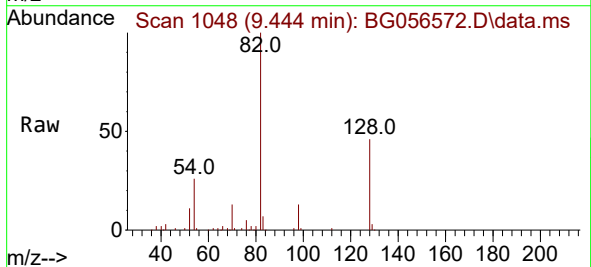
Instrument :
BNA_G
ClientSampleId :
COMP-3

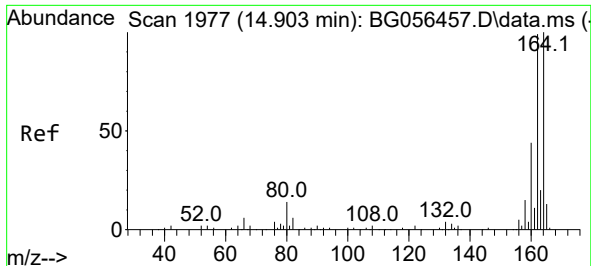
Tgt Ion:136 Resp: 129871
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.8 2.2 3.4
68 4.2 3.6 5.4



#23
Nitrobenzene-d5
Concen: 71.578 ng
RT: 9.444 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

Tgt Ion: 82 Resp: 163703
Ion Ratio Lower Upper
82 100
128 46.3 39.4 59.2
54 26.3 21.4 32.2

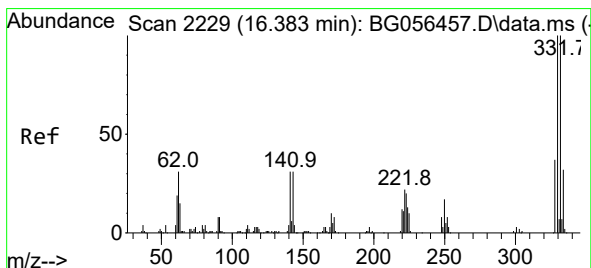
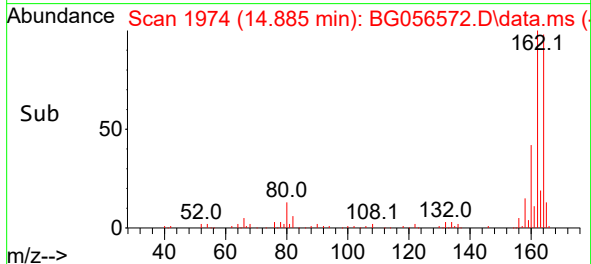
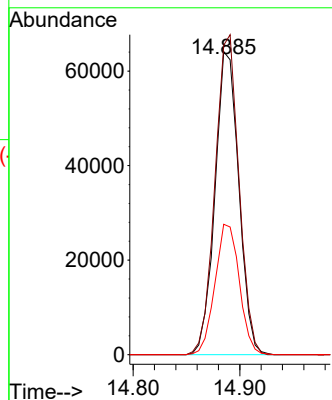
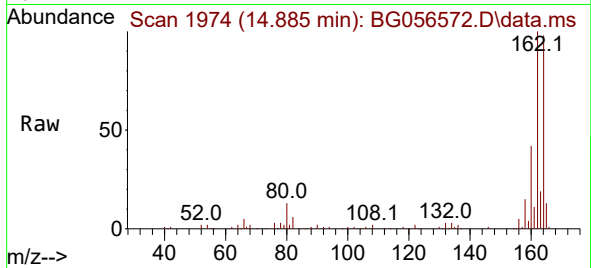




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.885 min Scan# 1974
 Delta R.T. -0.006 min
 Lab File: BG056572.D
 Acq: 7 Feb 2023 18:02

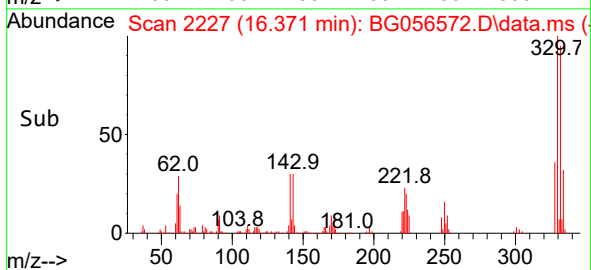
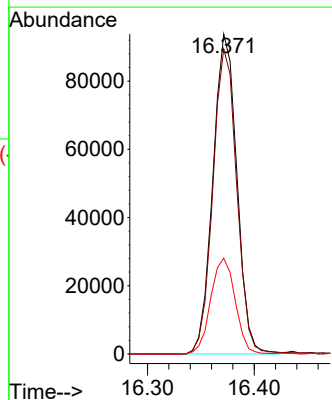
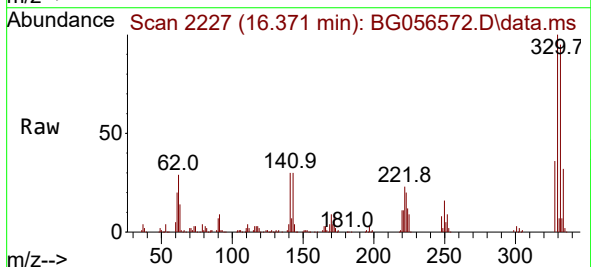
Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

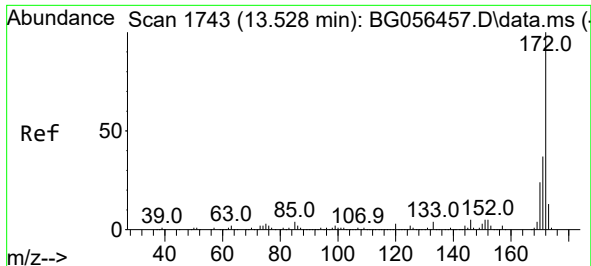
Tgt Ion:164 Resp: 99380
 Ion Ratio Lower Upper
 164 100
 162 102.1 79.6 119.4
 160 43.1 34.9 52.3



#42
 2,4,6-Tribromophenol
 Concen: 110.568 ng
 RT: 16.371 min Scan# 2227
 Delta R.T. -0.006 min
 Lab File: BG056572.D
 Acq: 7 Feb 2023 18:02

Tgt Ion:330 Resp: 146082
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.0 118.6
 141 30.6 24.2 36.4

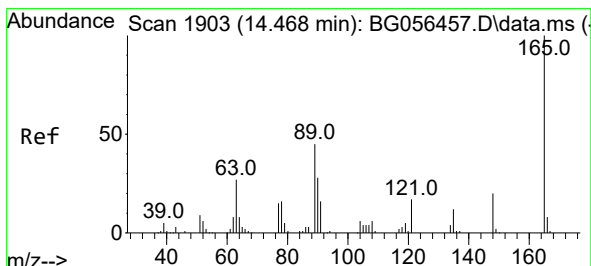
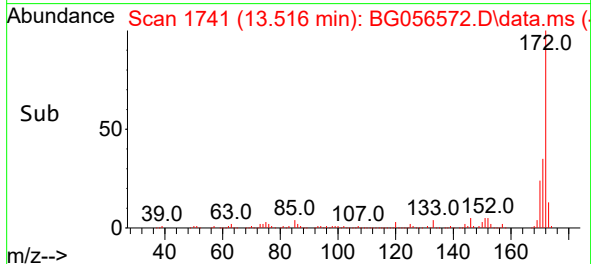
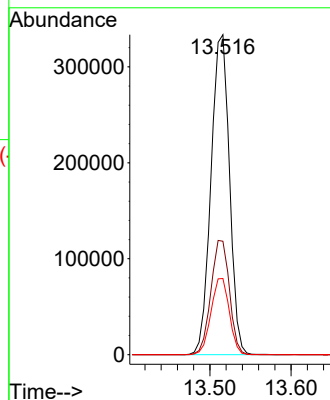
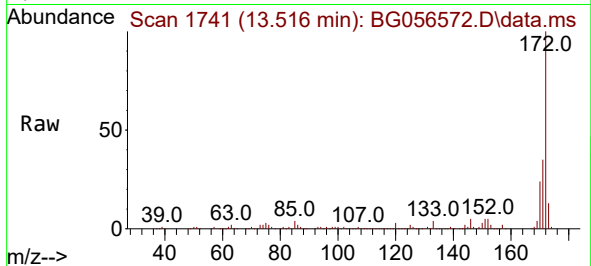




#45
2-Fluorobiphenyl
Concen: 73.401 ng
RT: 13.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

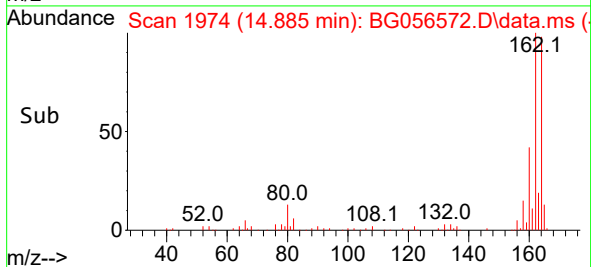
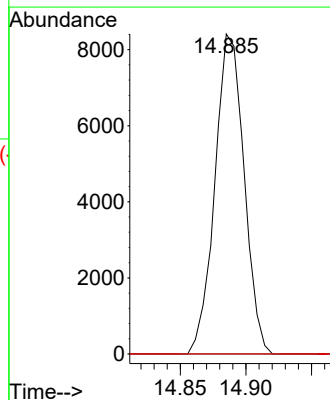
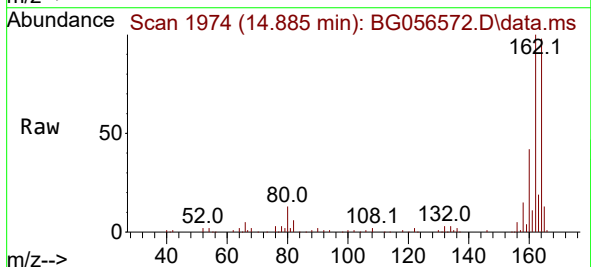
Instrument :
BNA_G
ClientSampleId :
COMP-3

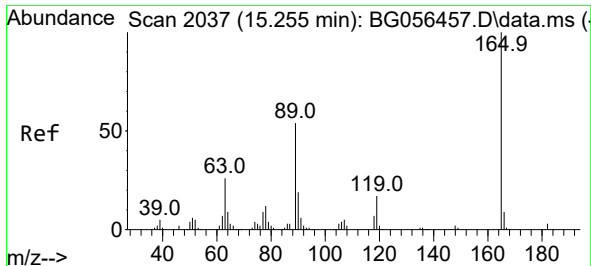
Tgt Ion:172 Resp: 526142
Ion Ratio Lower Upper
172 100
171 35.5 29.5 44.3
170 23.8 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.422 ng
RT: 14.885 min Scan# 1974
Delta R.T. 0.423 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

Tgt Ion:165 Resp: 13013
Ion Ratio Lower Upper
165 100
63 0.0 26.9 40.3#
89 0.0 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.269 ng

RT: 14.885 min Scan# 1974

Delta R.T. -0.365 min

Lab File: BG056572.D

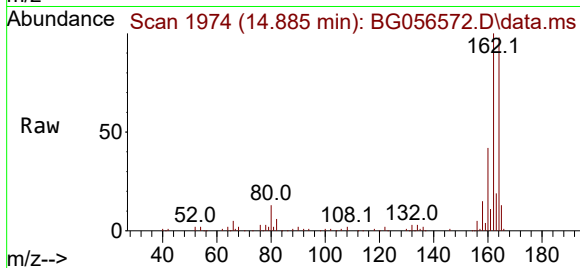
Acq: 7 Feb 2023 18:02

Instrument :

BNA_G

ClientSampleId :

COMP-3



Tgt Ion:165 Resp: 13013

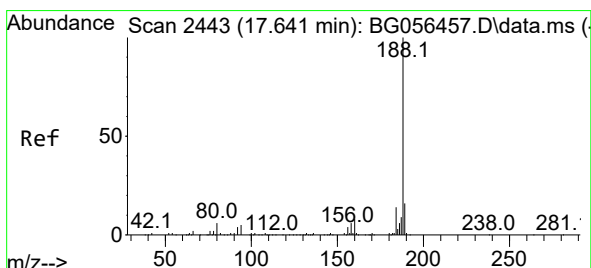
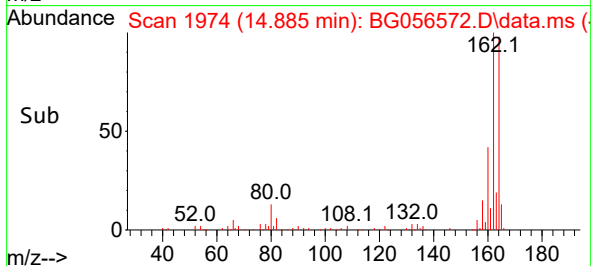
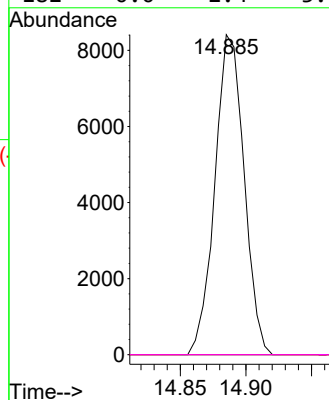
Ion Ratio Lower Upper

165 100

63 0.0 20.6 31.0#

89 0.0 43.1 64.7#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.629 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BG056572.D

Acq: 7 Feb 2023 18:02

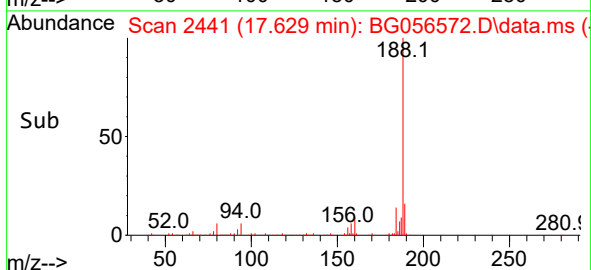
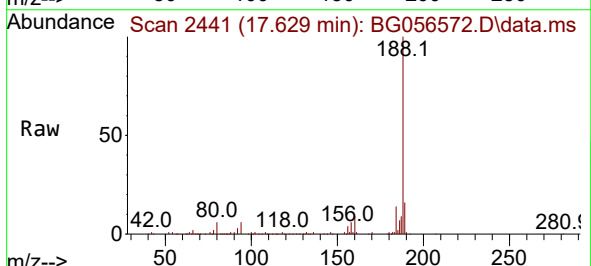
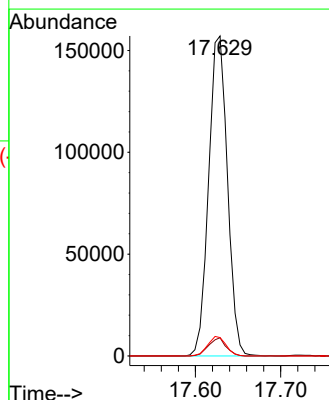
Tgt Ion:188 Resp: 240947

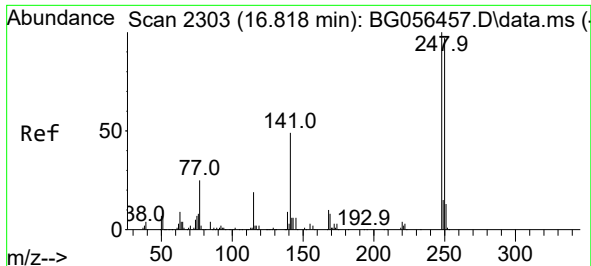
Ion Ratio Lower Upper

188 100

94 5.7 4.1 6.1

80 5.8 5.0 7.4

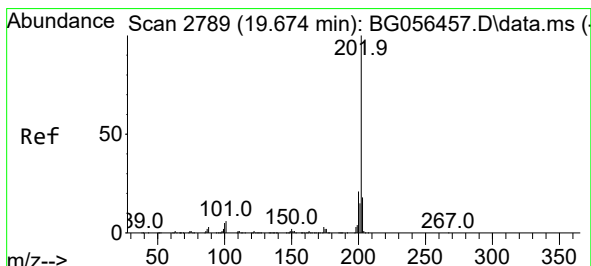
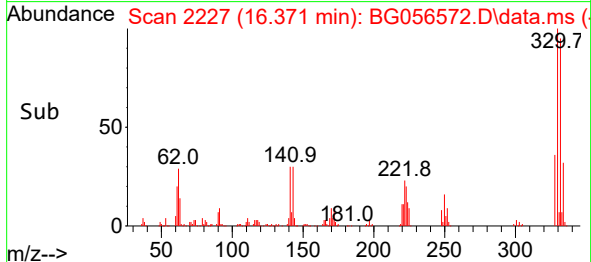
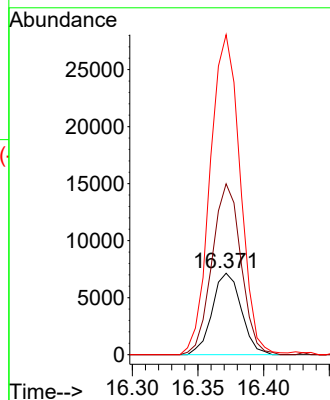
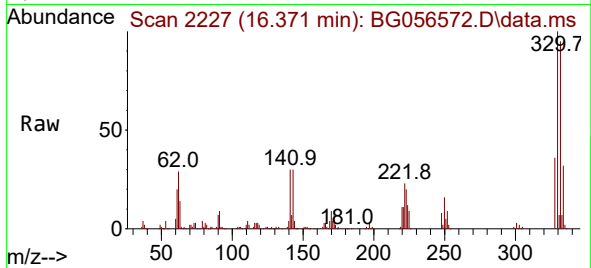




#67
4-Bromophenyl-phenylether
Concen: 3.570 ng
RT: 16.371 min Scan# 211
Delta R.T. -0.435 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

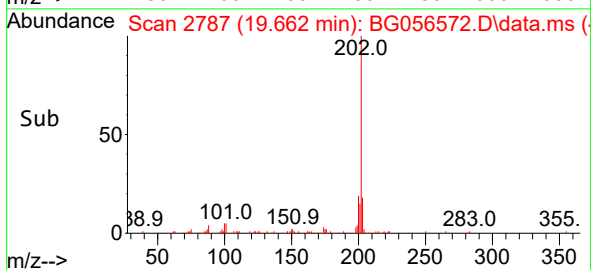
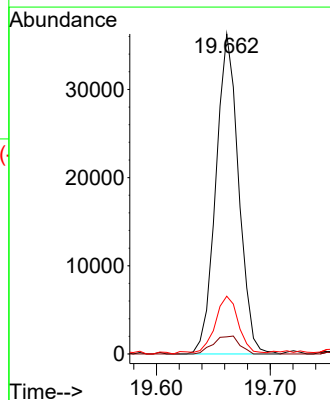
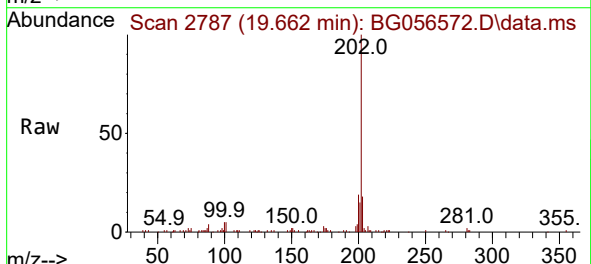
Instrument :
BNA_G
ClientSampleId :
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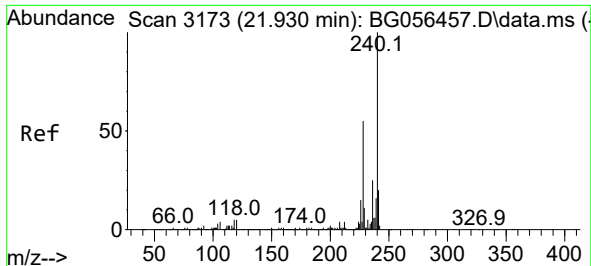
Tgt Ion:248 Resp: 11013
Ion Ratio Lower Upper
248 100
250 158.0 77.6 116.4#
141 295.8 39.0 58.4#



#75
Fluoranthene
Concen: 3.168 ng
RT: 19.662 min Scan# 2787
Delta R.T. -0.006 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

Tgt Ion:202 Resp: 50423
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.6
203 18.0 0.0 38.1

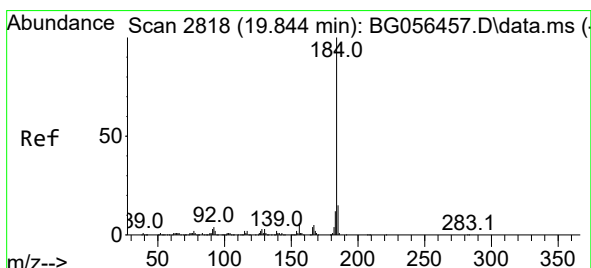
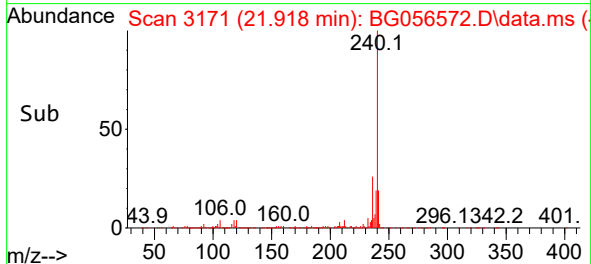
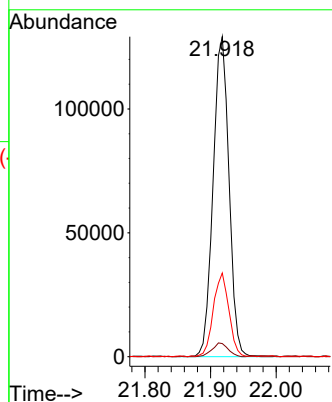
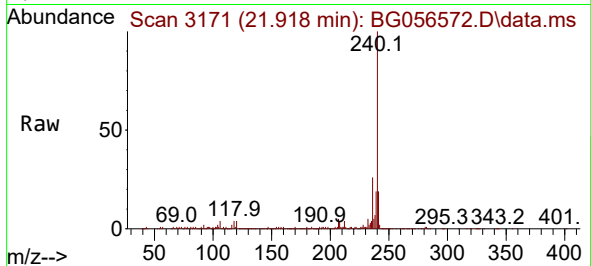




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

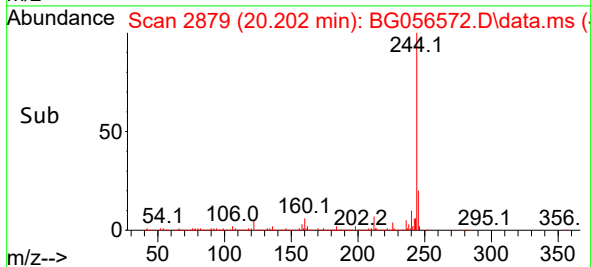
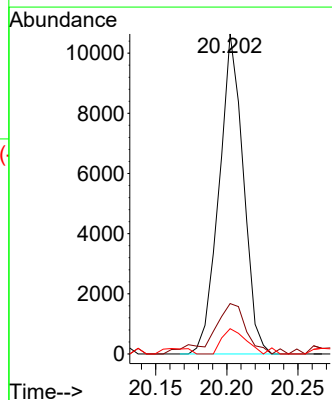
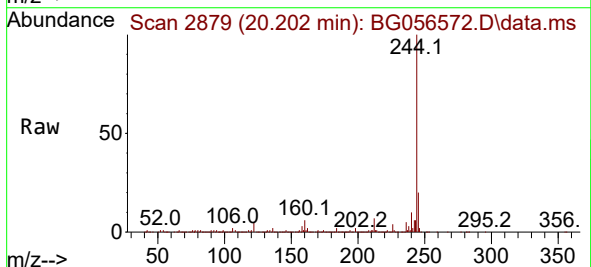
Instrument :
BNA_G
ClientSampleId :
COMP-3

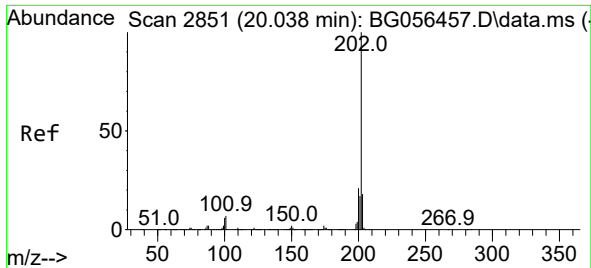
Tgt Ion:240 Resp: 217256
Ion Ratio Lower Upper
240 100
120 4.1 3.8 5.8
236 26.1 20.2 30.2



#77
Benzidine
Concen: 2.145 ng
RT: 20.202 min Scan# 2879
Delta R.T. 0.370 min
Lab File: BG056572.D
Acq: 7 Feb 2023 18:02

Tgt Ion:184 Resp: 12610
Ion Ratio Lower Upper
184 100
185 15.8 12.3 18.5
183 7.9 9.8 14.8#

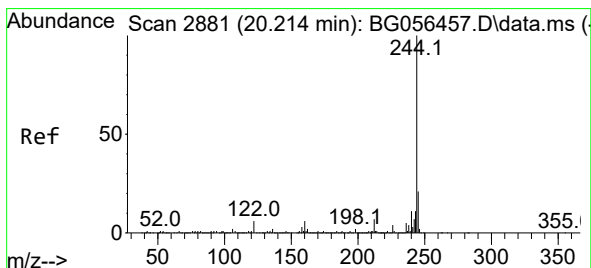
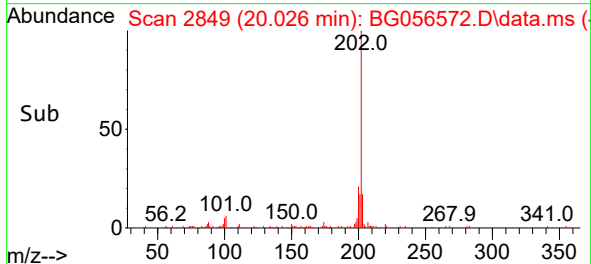
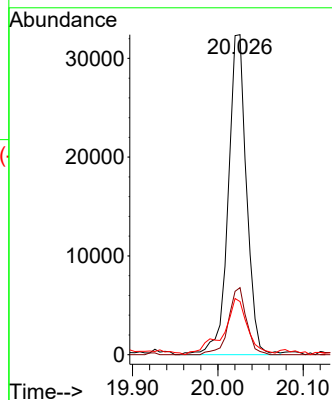
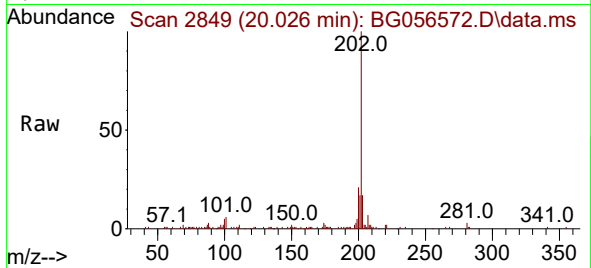




#78
 Pyrene
 Concen: 3.131 ng
 RT: 20.026 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BG056572.D
 Acq: 7 Feb 2023 18:02

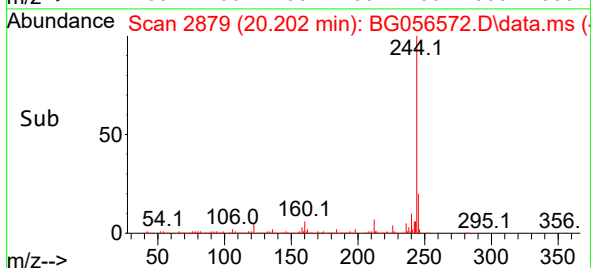
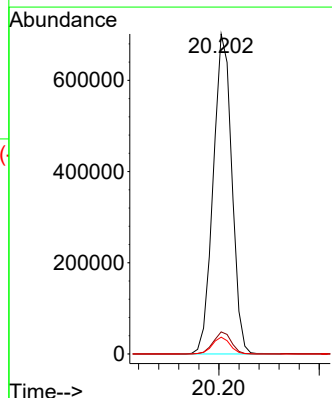
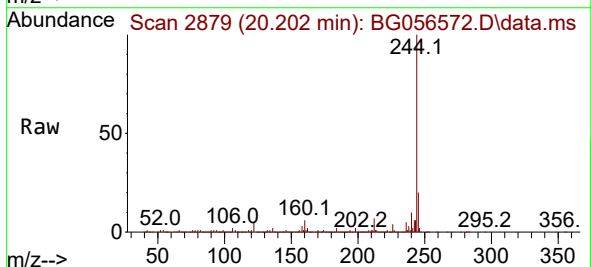
Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

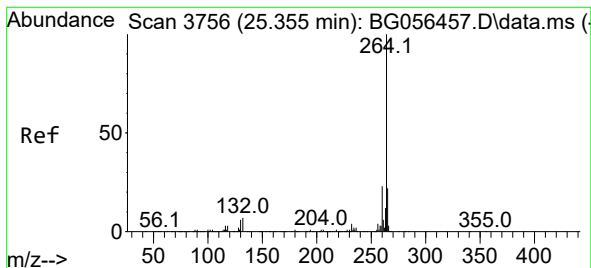
Tgt Ion:202 Resp: 48384
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 16.6 14.4 21.6



#79
 Terphenyl-d14
 Concen: 72.924 ng
 RT: 20.202 min Scan# 2879
 Delta R.T. -0.006 min
 Lab File: BG056572.D
 Acq: 7 Feb 2023 18:02

Tgt Ion:244 Resp: 902039
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.3 4.4 6.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.332 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG056572.D

Acq: 7 Feb 2023 18:02

Instrument :

BNA_G

ClientSampleId :

COMP-3

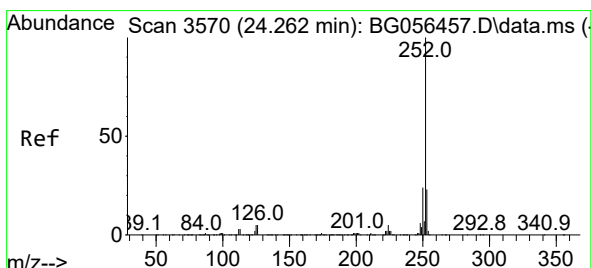
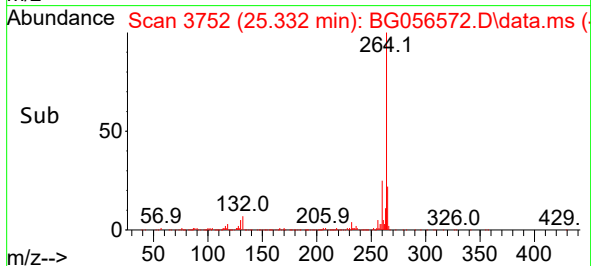
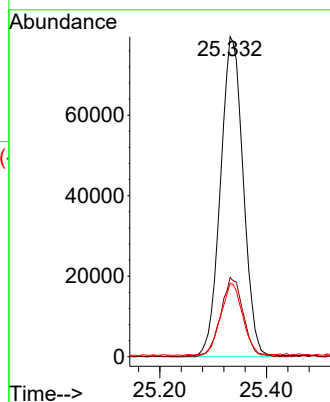
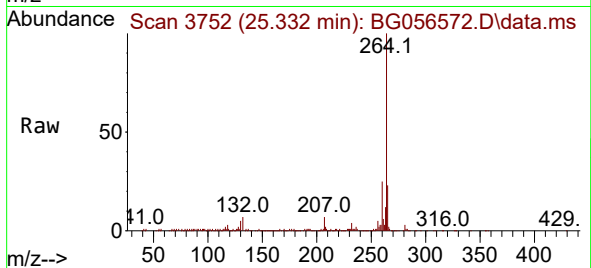
Tgt Ion:264 Resp: 235696

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 22.9 18.1 27.1



#88

Benzo(b)fluoranthene

Concen: 2.310 ng

RT: 24.239 min Scan# 3566

Delta R.T. -0.012 min

Lab File: BG056572.D

Acq: 7 Feb 2023 18:02

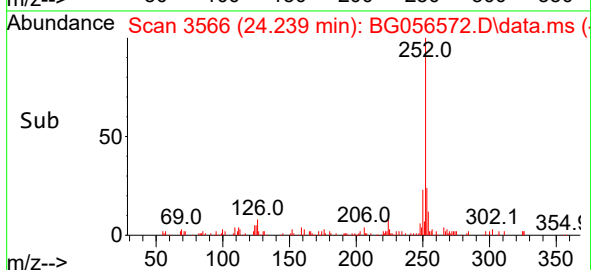
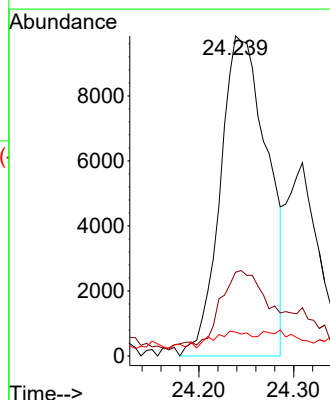
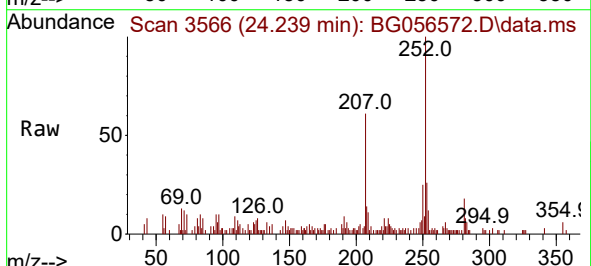
Tgt Ion:252 Resp: 33799

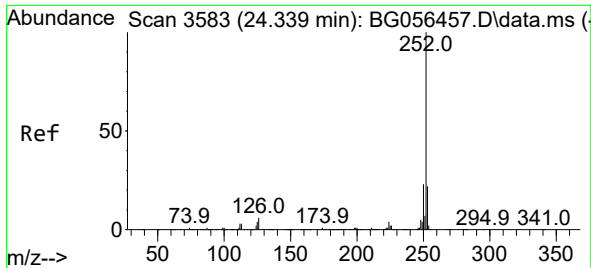
Ion Ratio Lower Upper

252 100

253 26.2 18.1 27.1

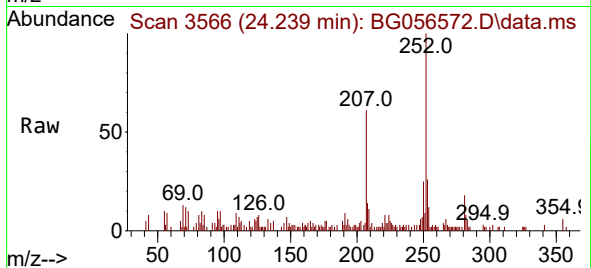
125 7.5 3.9 5.9#





#89
 Benzo(k)fluoranthene
 Concen: 2.288 ng
 RT: 24.239 min Scan# 31
 Delta R.T. -0.083 min
 Lab File: BG056572.D
 Acq: 7 Feb 2023 18:02

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3



Tgt Ion:252 Resp: 33799
 Ion Ratio Lower Upper
 252 100
 253 26.2 17.5 26.3
 125 7.5 3.4 5.0#

