

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055414.D
 Acq On : 2 Nov 2022 14:03
 Operator : CG/JU
 Sample : N5385-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 251563-6

Quant Time: Nov 03 06:08:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

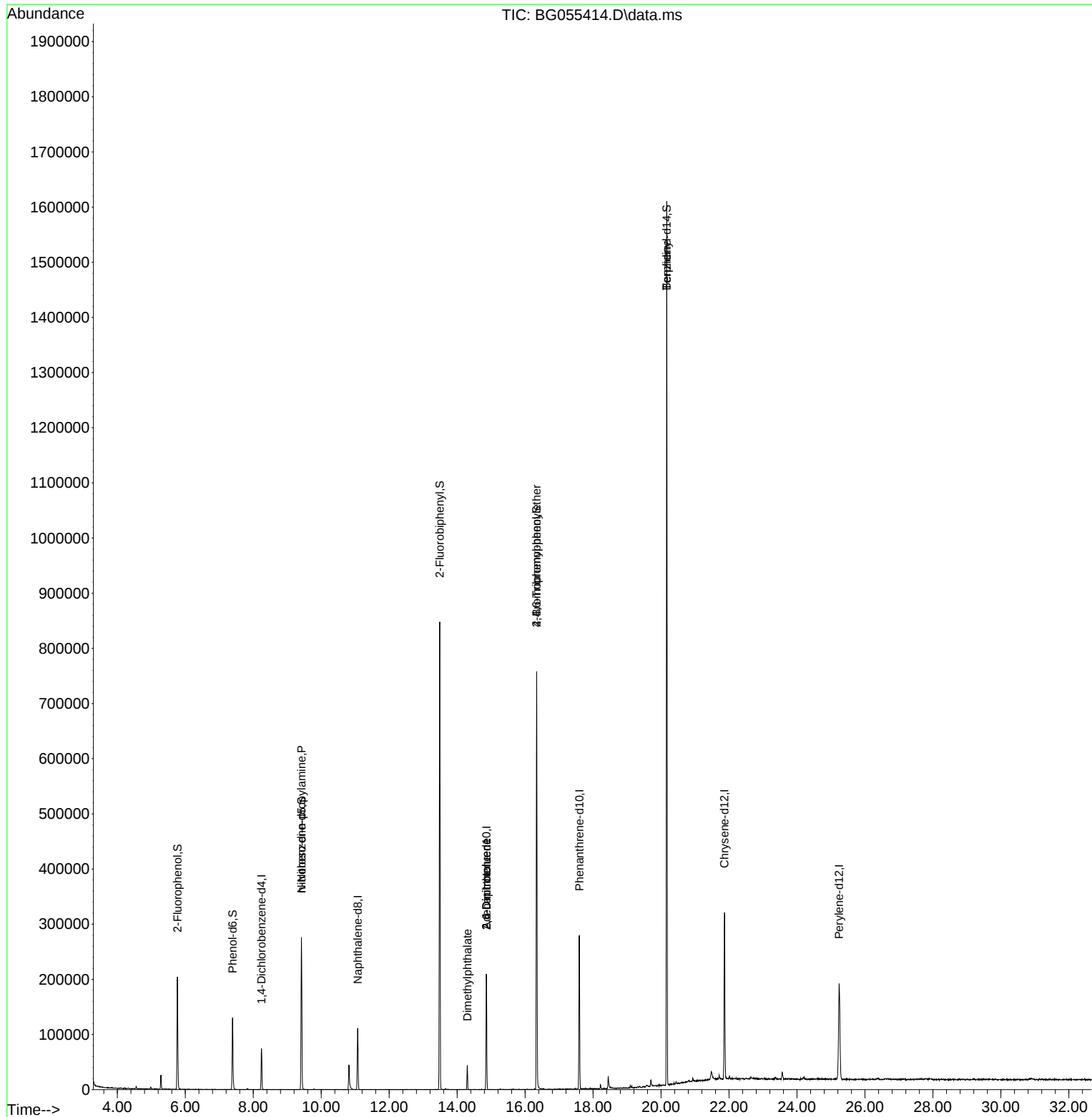
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	23096	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	100177	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	76243	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	183231	20.000	ng	0.00
76) Chrysene-d12	21.867	240	185267	20.000	ng	0.00
86) Perylene-d12	25.239	264	199576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	97321	75.673	ng	0.00
7) Phenol-d6	7.389	99	84439	47.345	ng	0.00
23) Nitrobenzene-d5	9.416	82	173699	92.409	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	164637	158.309	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	460742	89.598	ng	0.00
79) Terphenyl-d14	20.169	244	815754	85.620	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.416	70	23099	16.575	ng	# 81
50) Dimethylphthalate	14.299	163	31410	4.935	ng	99
51) 2,6-Dinitrotoluene	14.857	165	9908	7.437	ng	# 27
57) 2,4-Dinitrotoluene	14.857	165	9908	5.201	ng	# 25
67) 4-Bromophenyl-phenylether	16.338	248	10611	4.899	ng	# 1
77) Benzidine	20.169	184	11656	3.022	ng	# 92

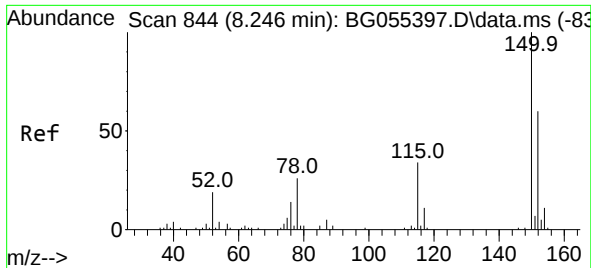
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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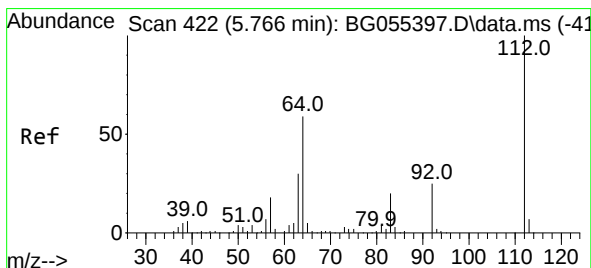
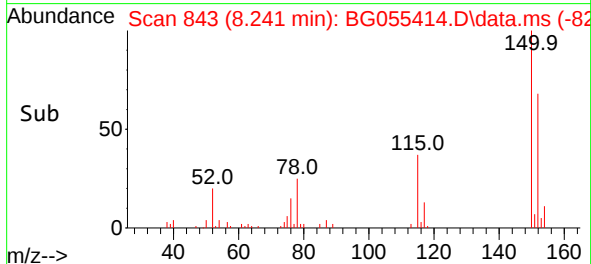
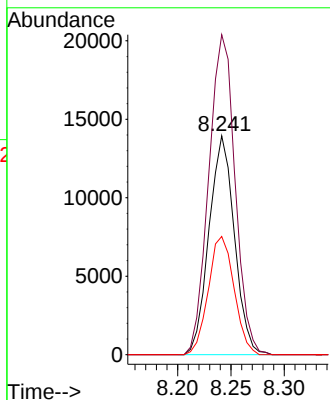
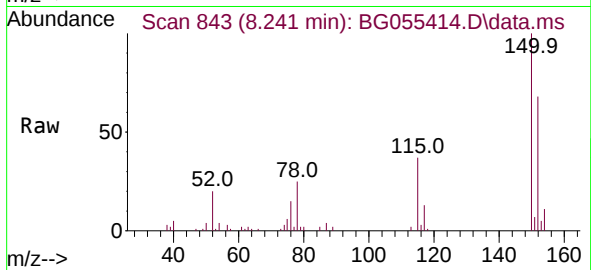




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 844
Delta R.T. -0.005 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

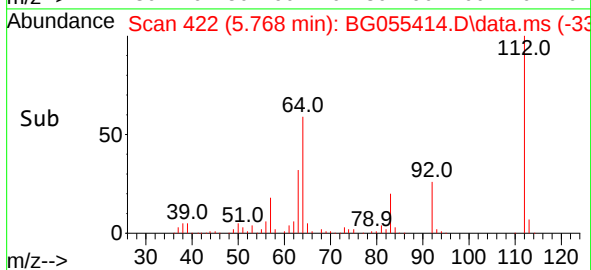
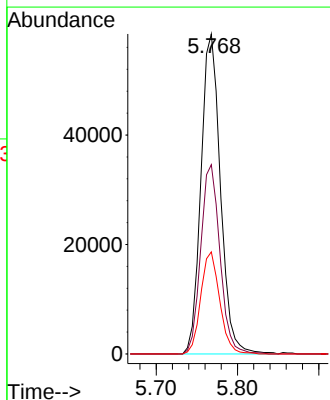
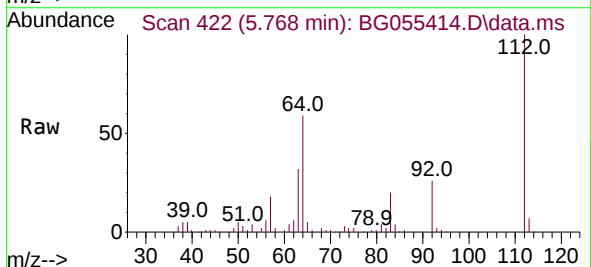
Instrument :
BNA_G
ClientSampleId :
251563-6

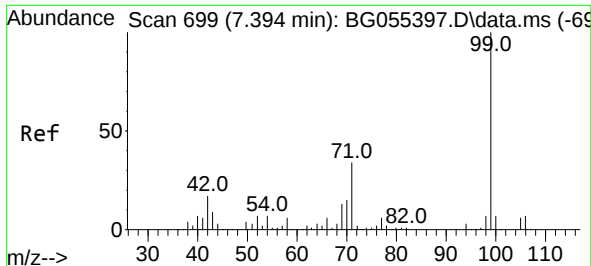
Tgt Ion:152 Resp: 23096
Ion Ratio Lower Upper
152 100
150 146.2 132.8 199.2
115 54.0 45.1 67.7



#5
2-Fluorophenol
Concen: 75.673 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.001 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

Tgt Ion:112 Resp: 97321
Ion Ratio Lower Upper
112 100
64 59.1 47.2 70.8
63 31.9 24.3 36.5

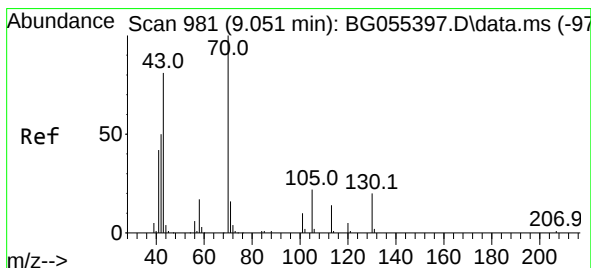
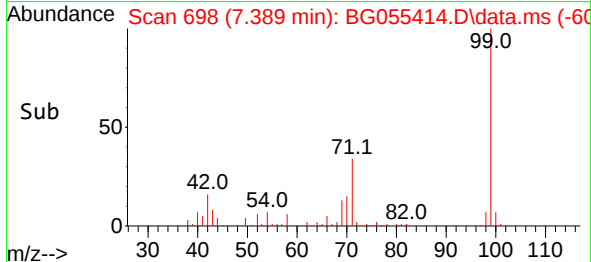
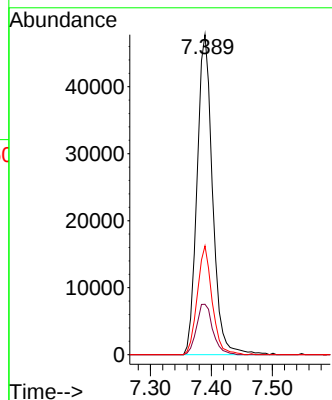
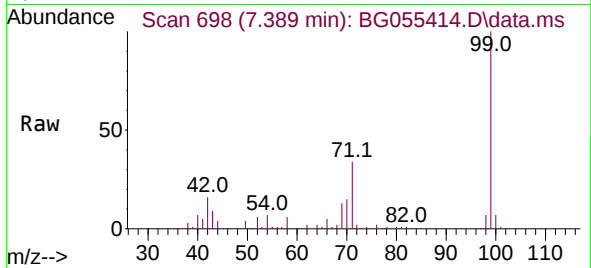




#7
Phenol-d6
Concen: 47.345 ng
RT: 7.389 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

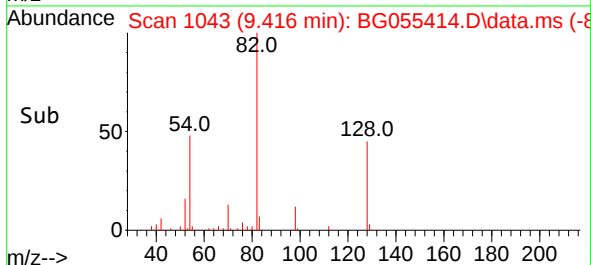
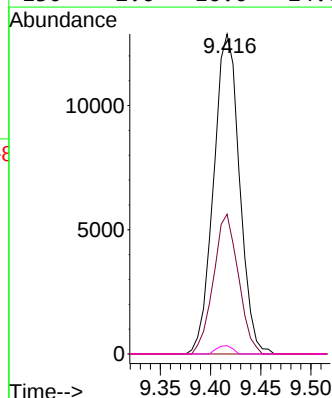
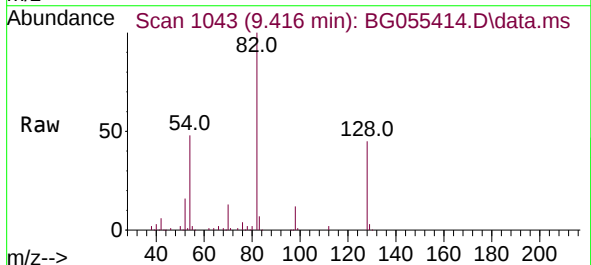
Instrument :
BNA_G
ClientSampleId :
251563-6

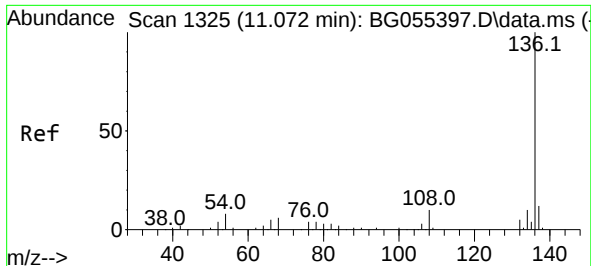
Tgt Ion: 99 Resp: 84439
Ion Ratio Lower Upper
99 100
42 15.7 13.5 20.3
71 34.0 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.575 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.366 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

Tgt Ion: 70 Resp: 23099
Ion Ratio Lower Upper
70 100
42 43.7 40.6 61.0
101 0.0 7.8 11.6#
130 2.6 16.0 24.0#

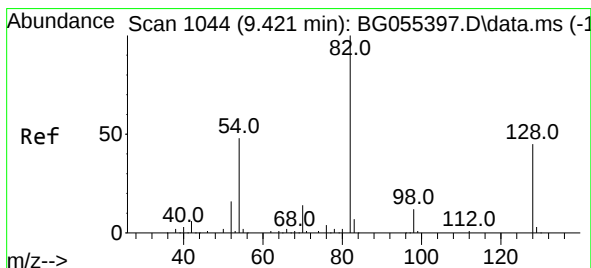
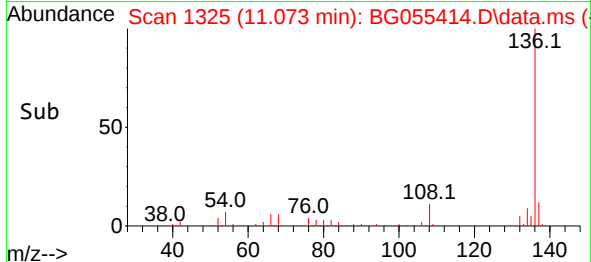
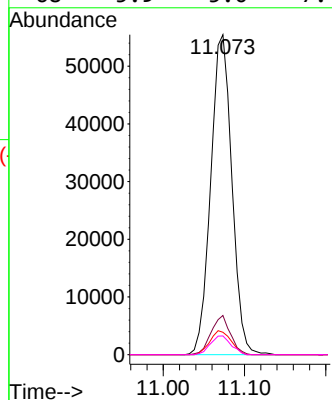
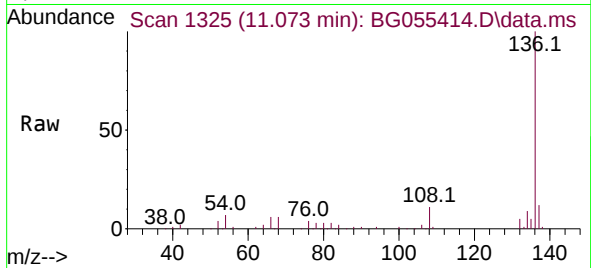




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

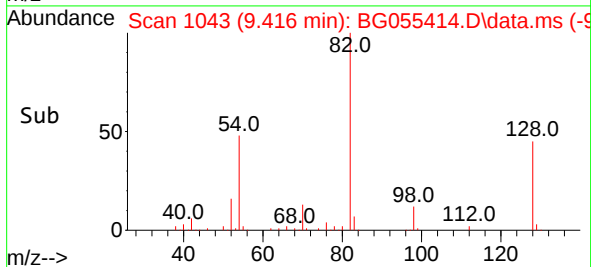
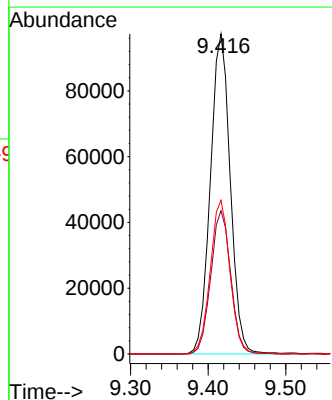
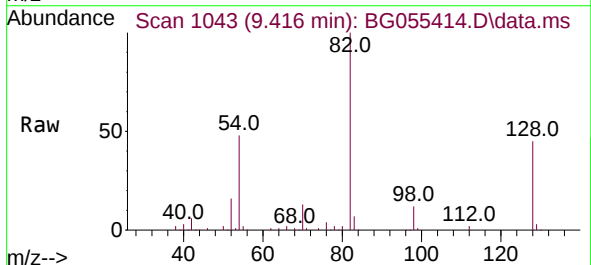
Instrument :
BNA_G
ClientSampleId :
251563-6

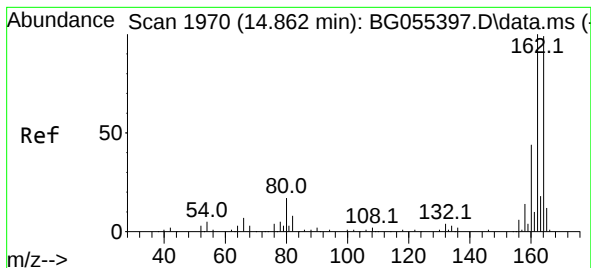
Tgt Ion:136 Resp: 100177
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 7.0 6.1 9.1
68 5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 92.409 ng
RT: 9.416 min Scan# 1043
Delta R.T. -0.005 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

Tgt Ion: 82 Resp: 173699
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.8
54 48.0 38.1 57.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.857 min Scan# 1969

Delta R.T. -0.005 min

Lab File: BG055414.D

Acq: 2 Nov 2022 14:03

Instrument :

BNA_G

ClientSampleId :

251563-6

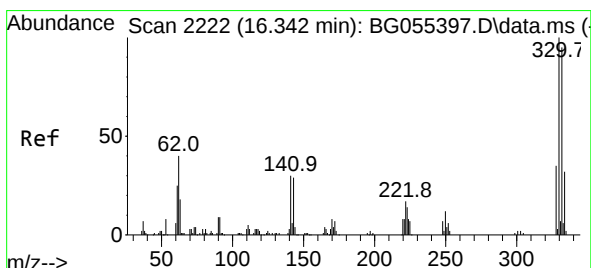
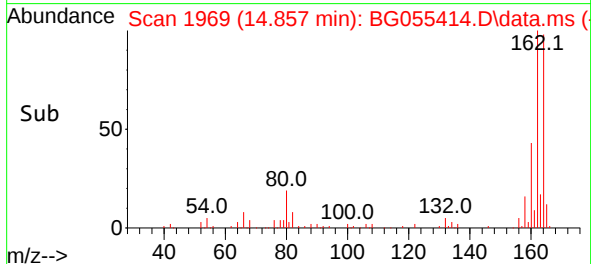
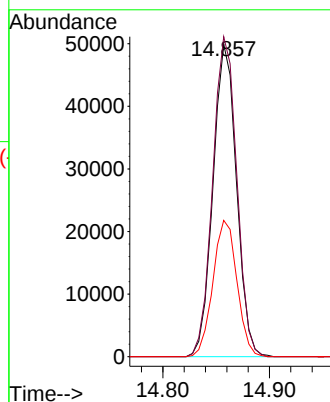
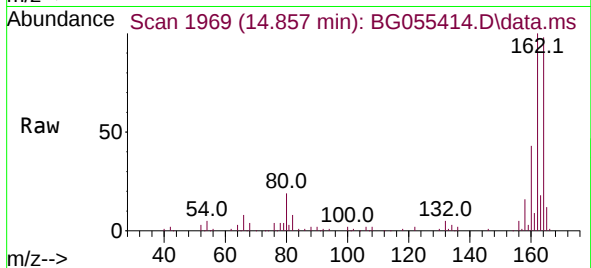
Tgt Ion:164 Resp: 76243

Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

160 43.6 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 158.309 ng

RT: 16.338 min Scan# 2221

Delta R.T. -0.005 min

Lab File: BG055414.D

Acq: 2 Nov 2022 14:03

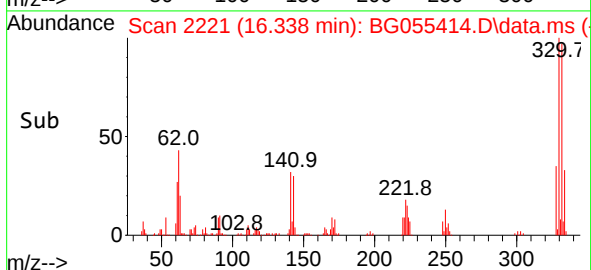
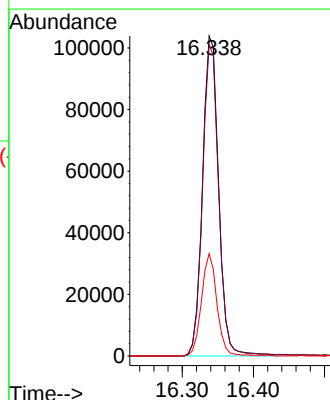
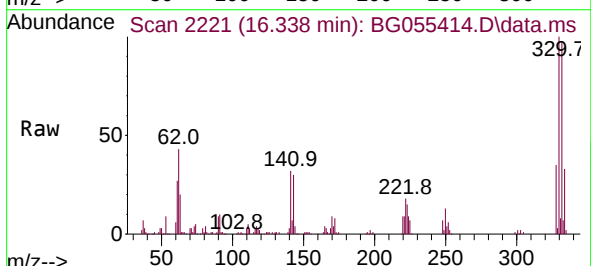
Tgt Ion:330 Resp: 164637

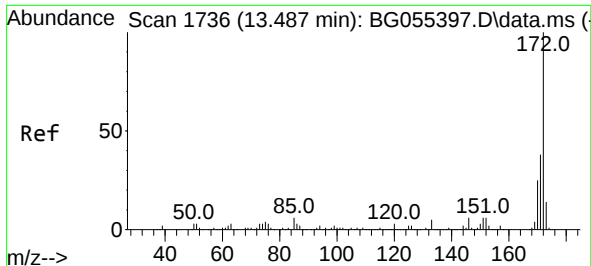
Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

141 30.5 24.2 36.2

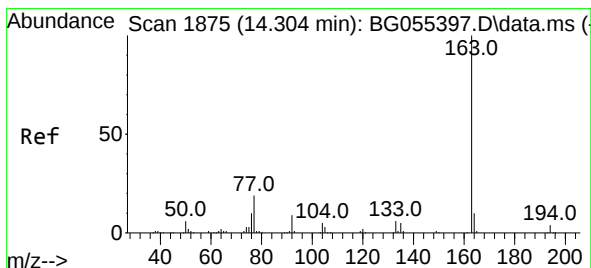
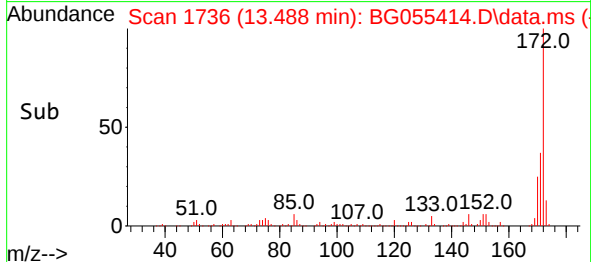
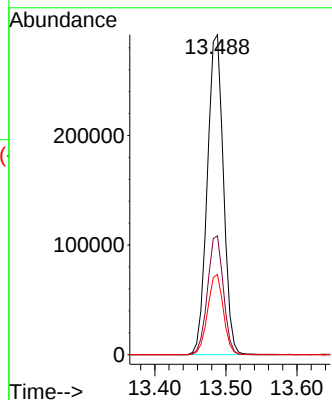
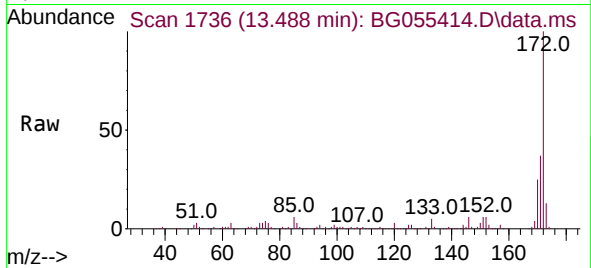




#45
2-Fluorobiphenyl
Concen: 89.598 ng
RT: 13.488 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

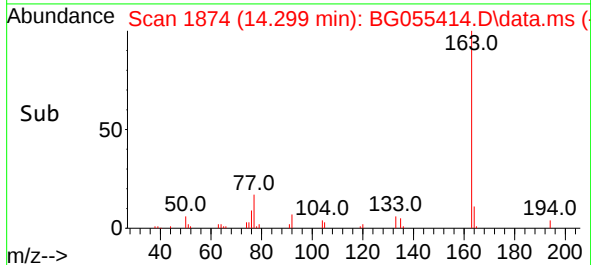
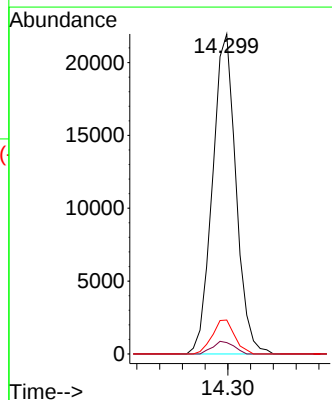
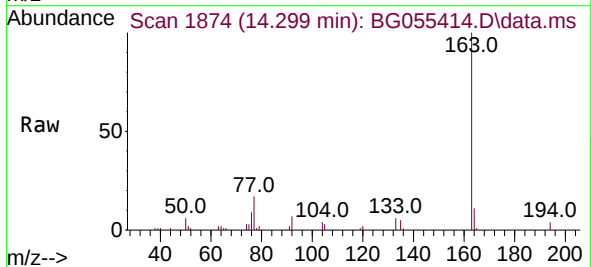
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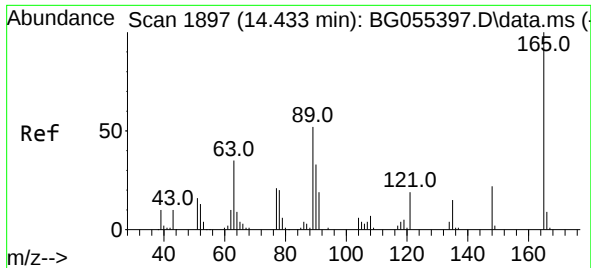
Tgt Ion:172 Resp: 460742
Ion Ratio Lower Upper
172 100
171 37.2 30.2 45.2
170 25.1 20.2 30.2



#50
Dimethylphthalate
Concen: 4.935 ng
RT: 14.299 min Scan# 1874
Delta R.T. -0.005 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

Tgt Ion:163 Resp: 31410
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.6 8.2 12.2

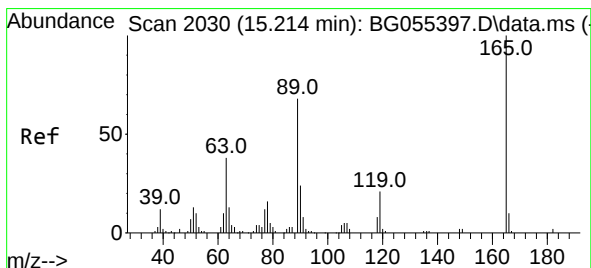
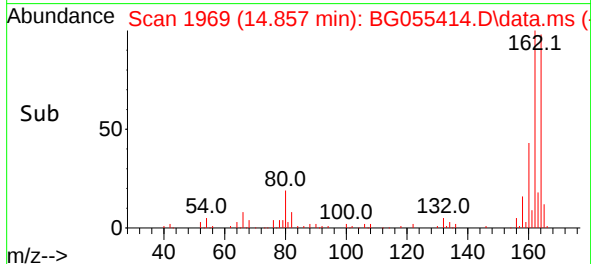
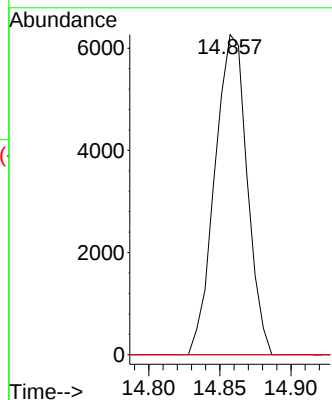
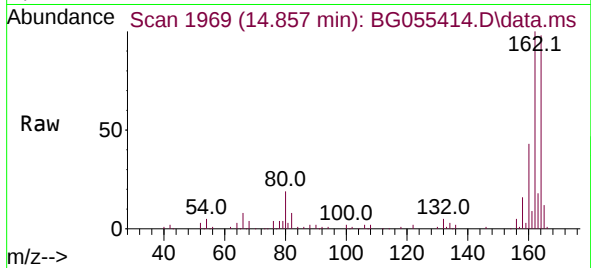




#51
2,6-Dinitrotoluene
Concen: 7.437 ng
RT: 14.857 min Scan# 1969
Delta R.T. 0.424 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

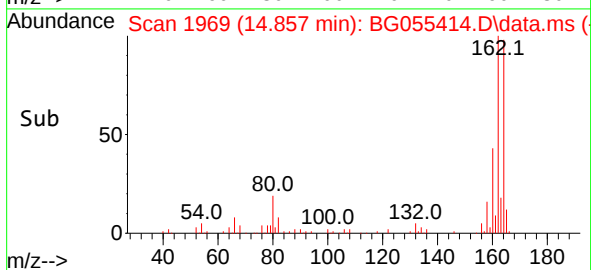
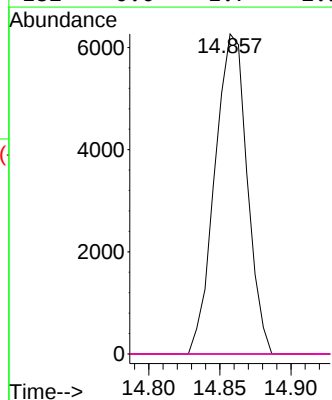
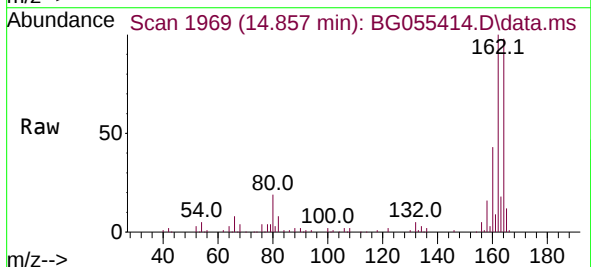
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251563-6

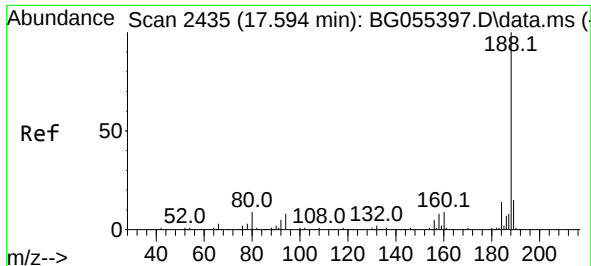
Tgt Ion:165 Resp: 9908
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#



#57
2,4-Dinitrotoluene
Concen: 5.201 ng
RT: 14.857 min Scan# 1969
Delta R.T. -0.357 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

Tgt Ion:165 Resp: 9908
Ion Ratio Lower Upper
165 100
63 0.0 30.8 46.2#
89 0.0 54.5 81.7#
182 0.0 1.7 2.5#

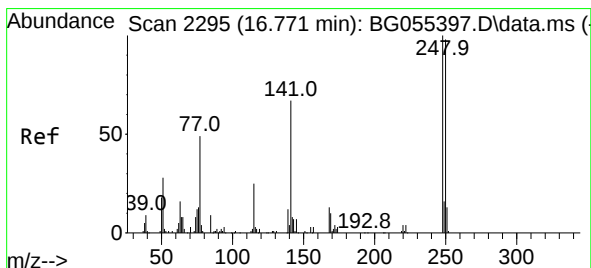
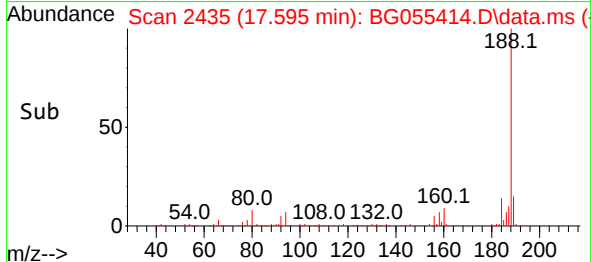
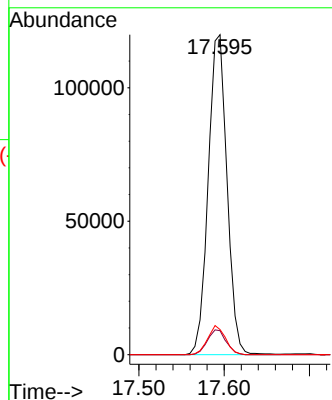
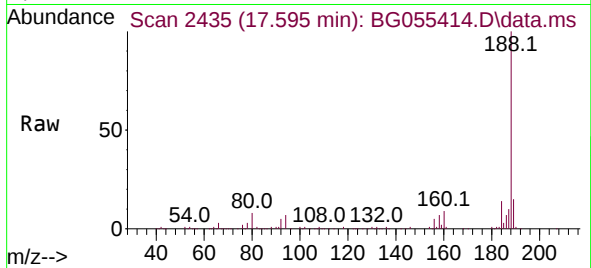




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.595 min Scan# 2435
Delta R.T. 0.001 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

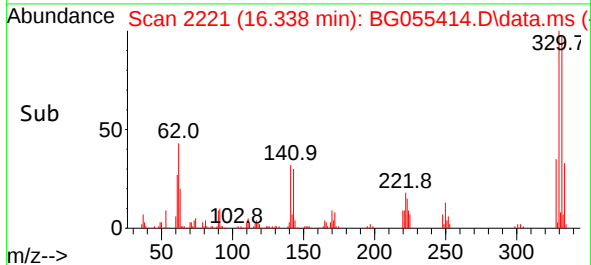
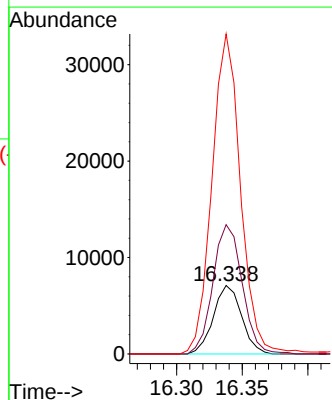
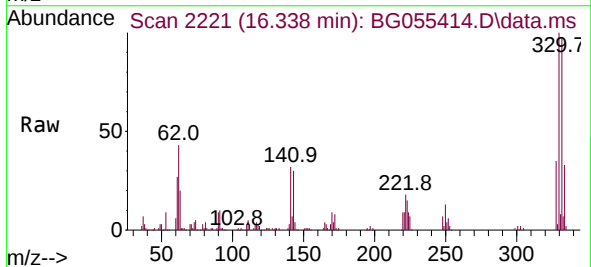
Instrument :
BNA_G
ClientSampleId :
251563-6

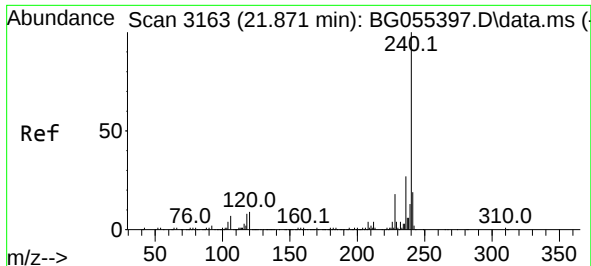
Tgt Ion:188 Resp: 183231
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 7.9 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 4.899 ng
RT: 16.338 min Scan# 2221
Delta R.T. -0.433 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

Tgt Ion:248 Resp: 10611
Ion Ratio Lower Upper
248 100
250 188.7 78.3 117.5#
141 466.8 53.7 80.5#

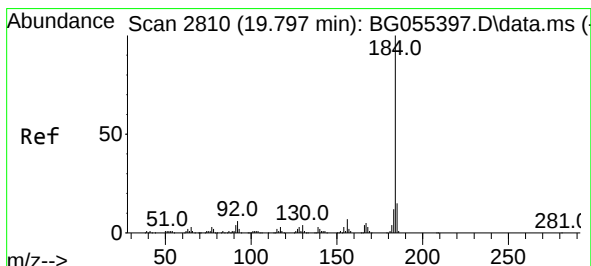
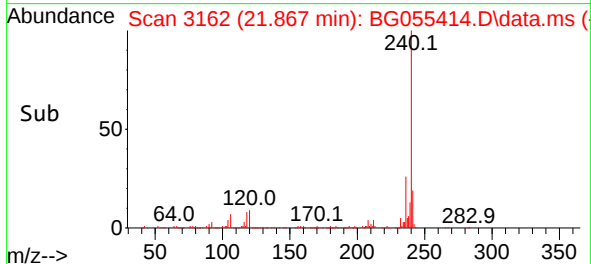
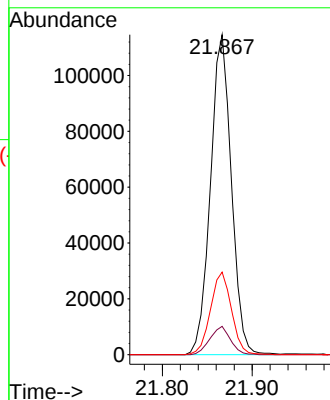
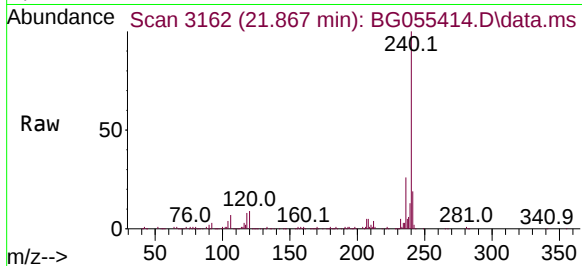




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.867 min Scan# 3163
Delta R.T. -0.005 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

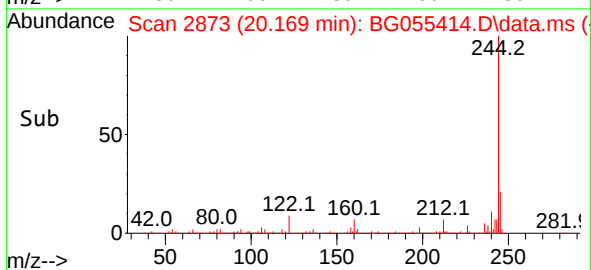
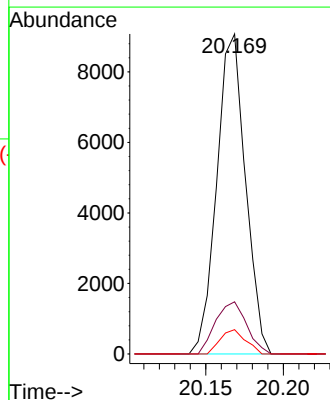
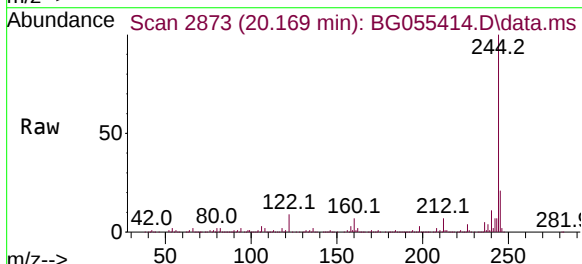
Instrument :
BNA_G
ClientSampleId :
251563-6

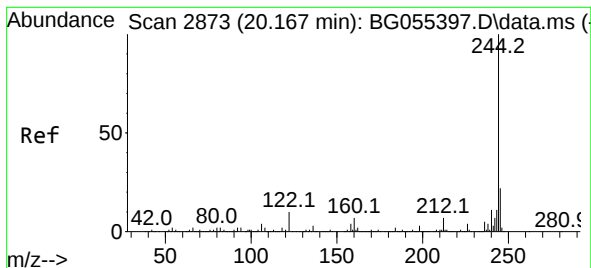
Tgt Ion:240 Resp: 185267
Ion Ratio Lower Upper
240 100
120 8.9 6.9 10.3
236 25.8 21.5 32.3



#77
Benzidine
Concen: 3.022 ng
RT: 20.169 min Scan# 2873
Delta R.T. 0.371 min
Lab File: BG055414.D
Acq: 2 Nov 2022 14:03

Tgt Ion:184 Resp: 11656
Ion Ratio Lower Upper
184 100
185 16.3 11.7 17.5
183 7.6 9.8 14.8#





#79

Terphenyl-d14

Concen: 85.620 ng

RT: 20.169 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG055414.D

Acq: 2 Nov 2022 14:03

Instrument :

BNA_G

ClientSampleId :

251563-6

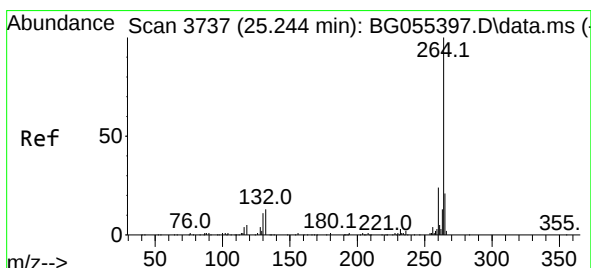
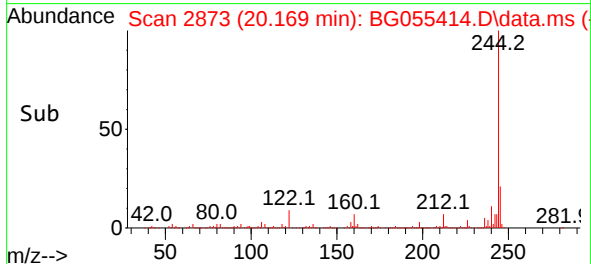
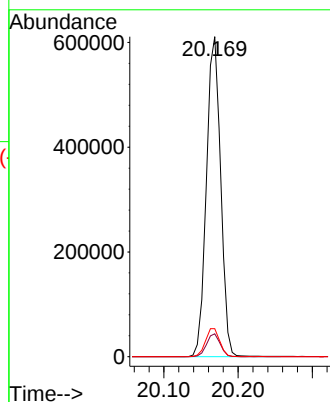
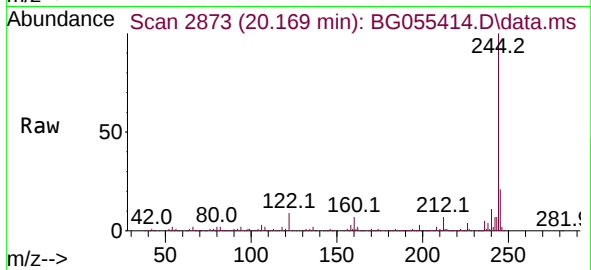
Tgt Ion:244 Resp: 815754

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 8.7 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.239 min Scan# 3736

Delta R.T. -0.005 min

Lab File: BG055414.D

Acq: 2 Nov 2022 14:03

Tgt Ion:264 Resp: 199576

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.7 17.1 25.7

