

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055736.D
 Acq On : 22 Nov 2022 12:12
 Operator : CG/JU
 Sample : N5598-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533

Quant Time: Nov 23 02:00:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

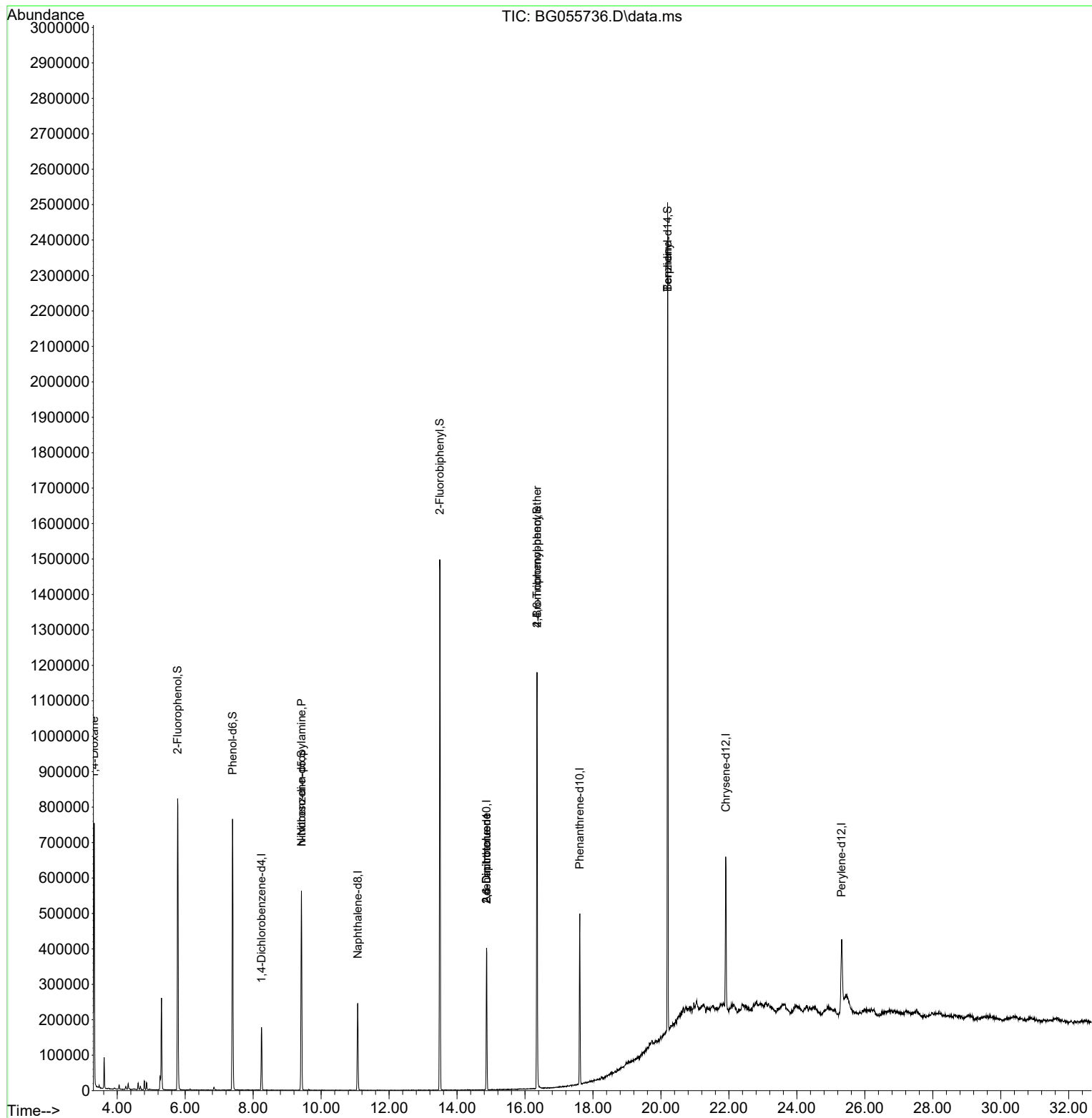
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	51617	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	215475	20.000	ng	0.00
39) Acenaphthene-d10	14.866	164	143537	20.000	ng	0.00
64) Phenanthrene-d10	17.610	188	304679	20.000	ng	0.00
76) Chrysene-d12	21.905	240	283301	20.000	ng	0.00
86) Perylene-d12	25.312	264	283011	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.777	112	362566	126.963	ng	0.00
7) Phenol-d6	7.392	99	435282	114.507	ng	0.00
23) Nitrobenzene-d5	9.419	82	333585	81.827	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	246856	122.134	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	796720	83.155	ng	0.00
79) Terphenyl-d14	20.195	244	1197256	84.527	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.321	88	4263	3.493	ng	# 1
19) n-Nitroso-di-n-propyla...	9.419	70	45242	15.490	ng	# 76
51) 2,6-Dinitrotoluene	14.866	165	19468	8.321	ng	# 25
57) 2,4-Dinitrotoluene	14.866	165	19468	5.902	ng	# 23
67) 4-Bromophenyl-phenylether	16.352	248	16222	4.673	ng	# 1
77) Benzydine	20.195	184	19293	2.944	ng	# 89

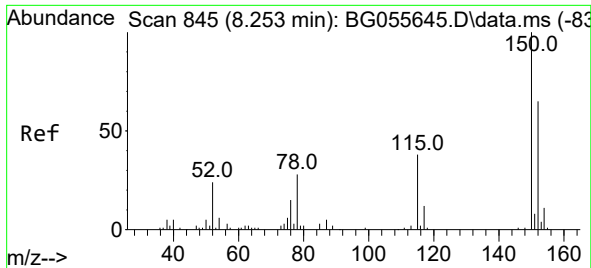
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 02:00:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

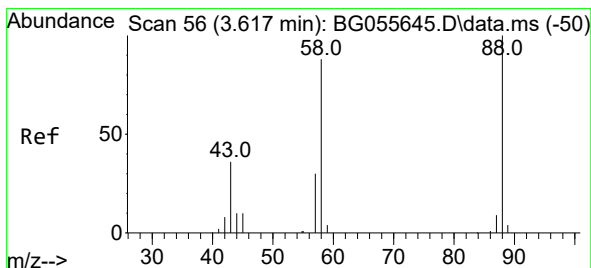
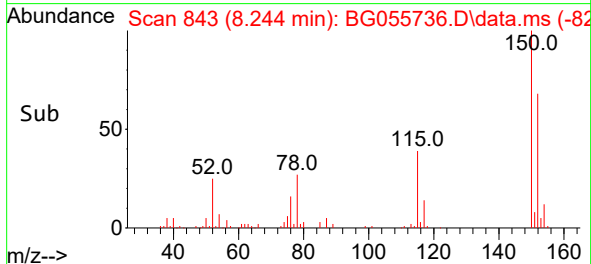
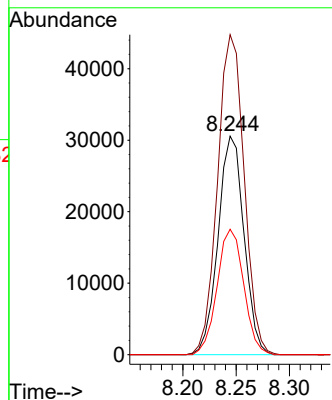
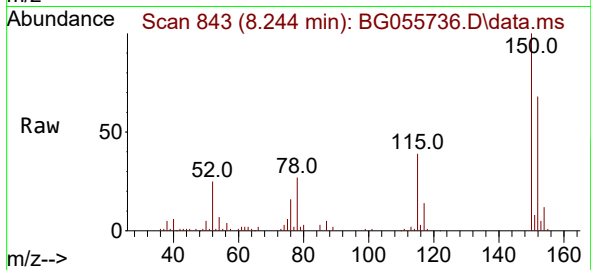




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.244 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG055736.D
 Acq: 22 Nov 2022 12:12

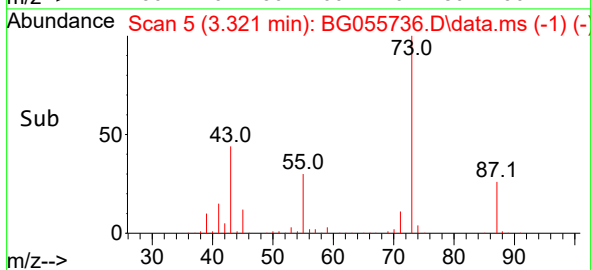
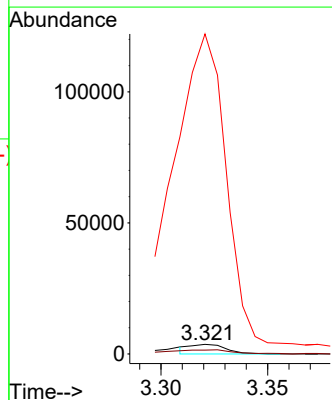
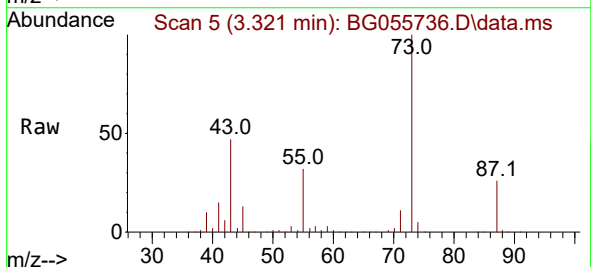
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533

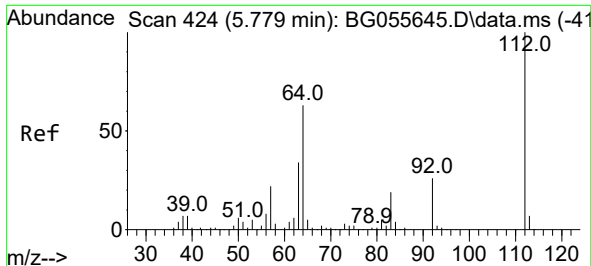
Tgt Ion:152 Resp: 51617
 Ion Ratio Lower Upper
 152 100
 150 146.4 123.0 184.6
 115 57.4 47.0 70.4



#2
 1,4-Dioxane
 Concen: 3.493 ng
 RT: 3.321 min Scan# 5
 Delta R.T. -0.284 min
 Lab File: BG055736.D
 Acq: 22 Nov 2022 12:12

Tgt Ion: 88 Resp: 4263
 Ion Ratio Lower Upper
 88 100
 58 52.4 71.3 106.9#
 43 3397.0 28.6 43.0#

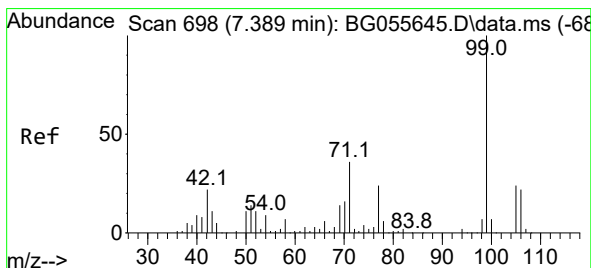
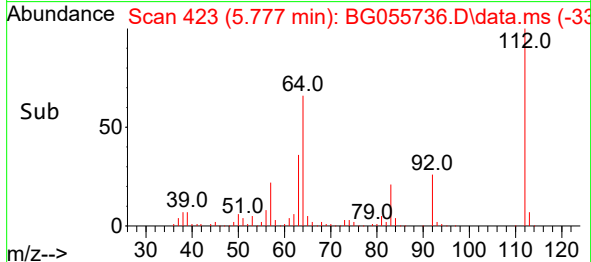
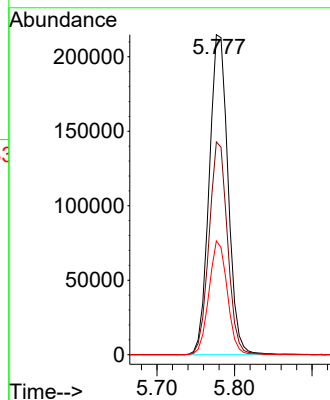
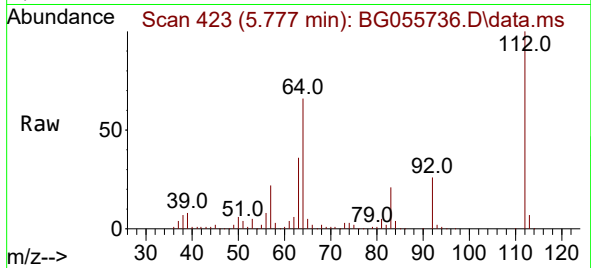




#5
2-Fluorophenol
Concen: 126.963 ng
RT: 5.777 min Scan# 41
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

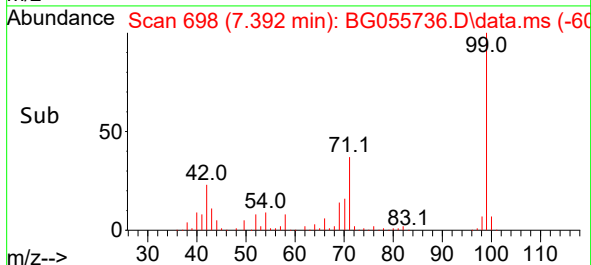
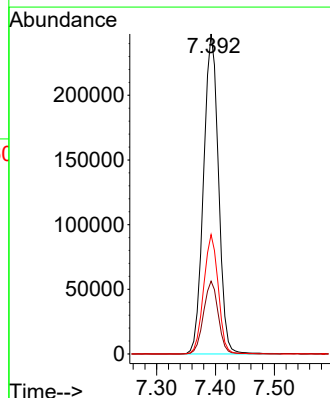
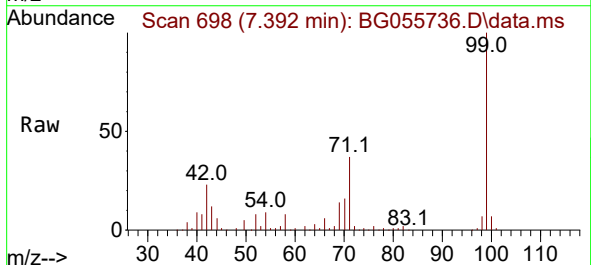
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

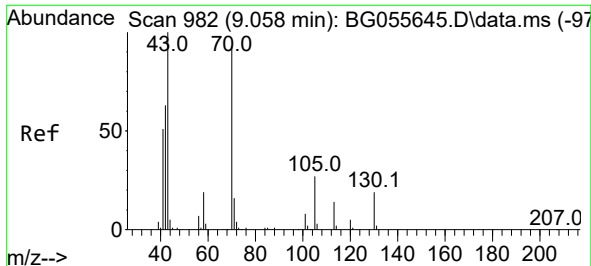
Tgt Ion:112 Resp: 362566
Ion Ratio Lower Upper
112 100
64 66.5 50.6 76.0
63 35.6 27.5 41.3



#7
Phenol-d6
Concen: 114.507 ng
RT: 7.392 min Scan# 698
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion: 99 Resp: 435282
Ion Ratio Lower Upper
99 100
42 22.7 18.0 27.0
71 37.3 29.0 43.6

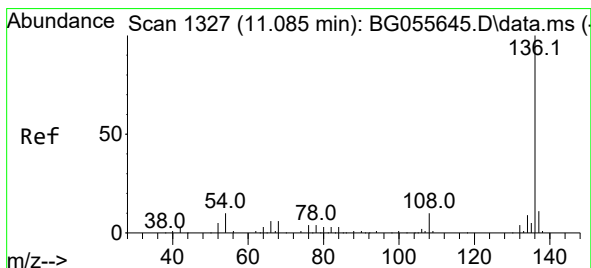
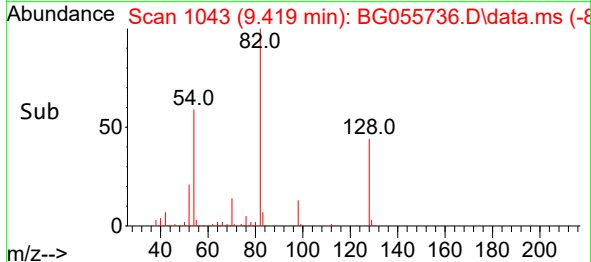
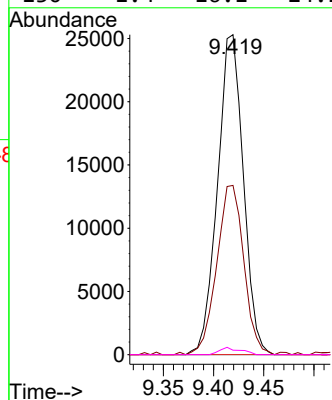
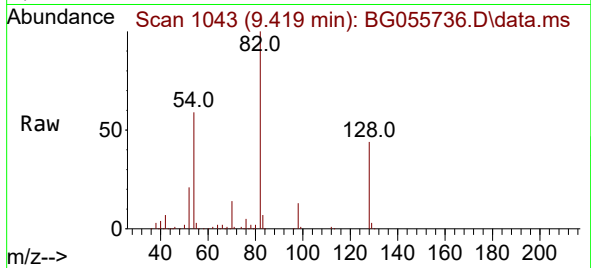




#19
n-Nitroso-di-n-propylamine
Concen: 15.490 ng
RT: 9.419 min Scan# 1043
Delta R.T. 0.374 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

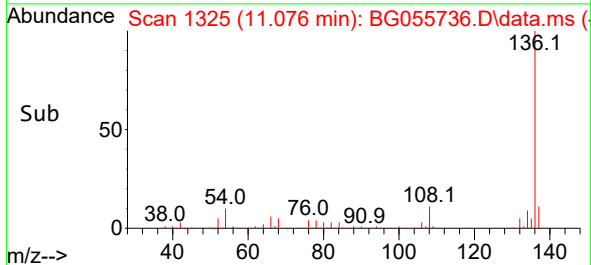
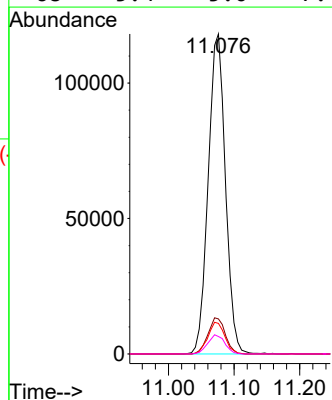
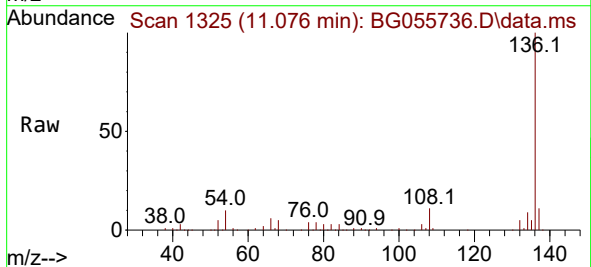
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

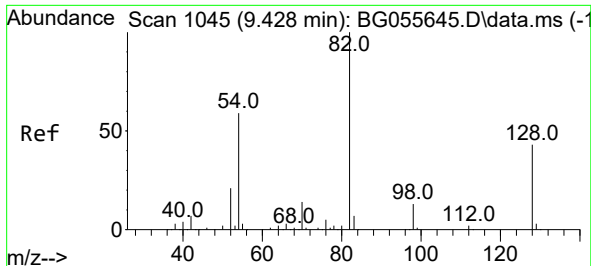
Tgt Ion: 70 Resp: 45242
Ion Ratio Lower Upper
70 100
42 52.9 55.2 82.8#
101 0.0 7.1 10.7#
130 1.4 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 1325
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion: 136 Resp: 215475
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.6 7.8 11.6
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 81.827 ng

RT: 9.419 min Scan# 1043

Delta R.T. 0.004 min

Lab File: BG055736.D

Acq: 22 Nov 2022 12:12

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-0760533

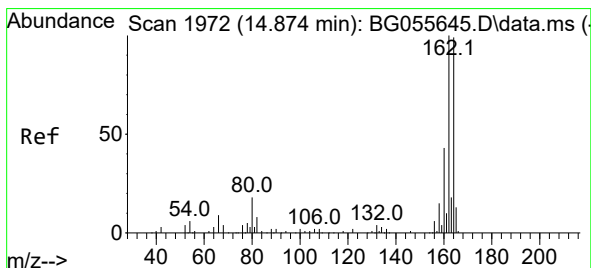
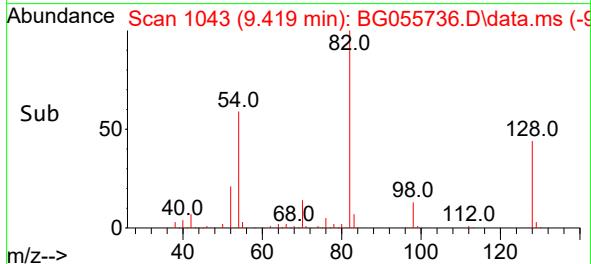
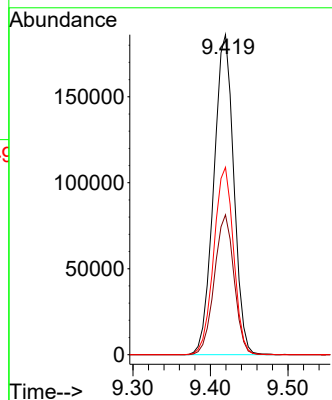
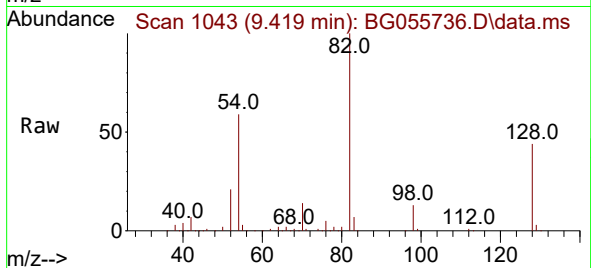
Tgt Ion: 82 Resp: 333585

Ion Ratio Lower Upper

82 100

128 43.7 34.1 51.1

54 58.5 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.866 min Scan# 1970

Delta R.T. -0.002 min

Lab File: BG055736.D

Acq: 22 Nov 2022 12:12

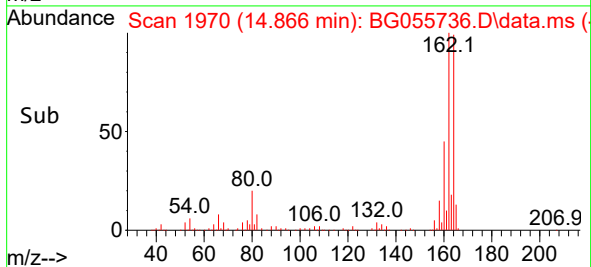
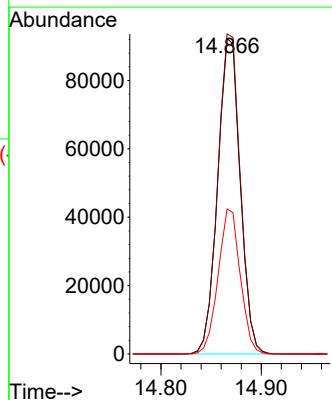
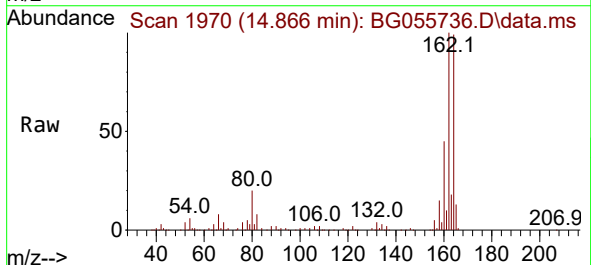
Tgt Ion: 164 Resp: 143537

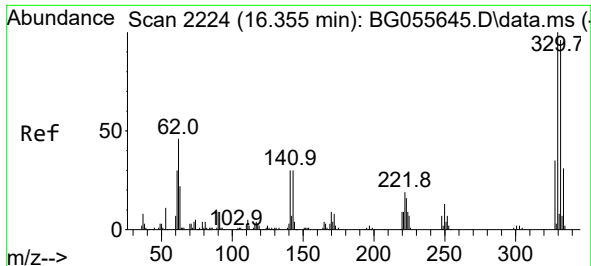
Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 45.9 34.8 52.2

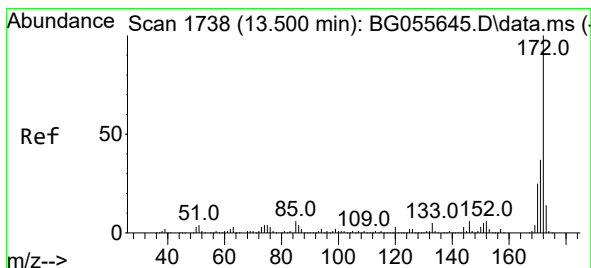
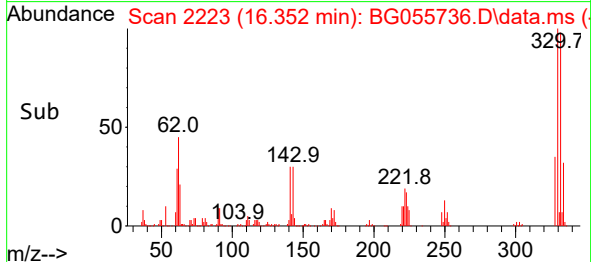
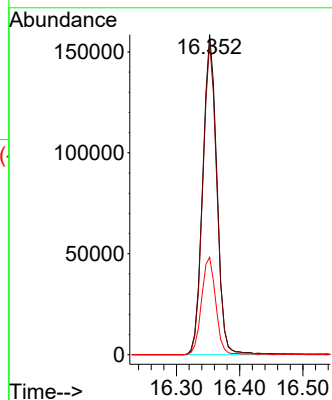
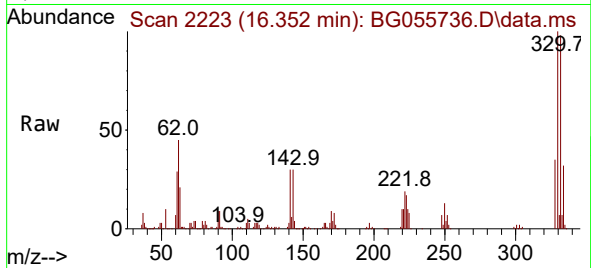




#42
2,4,6-Tribromophenol
Concen: 122.134 ng
RT: 16.352 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

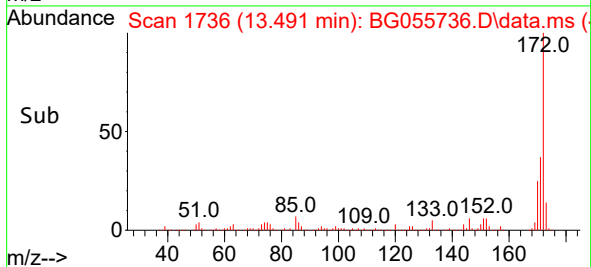
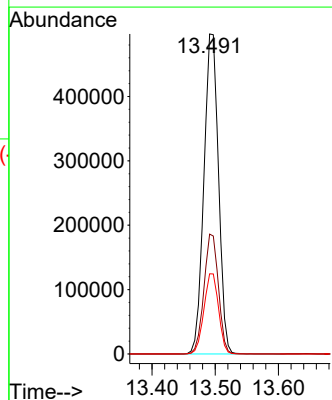
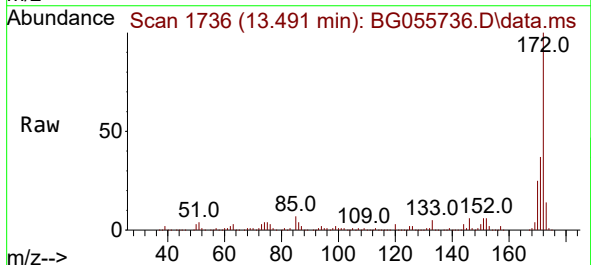
Instrument :
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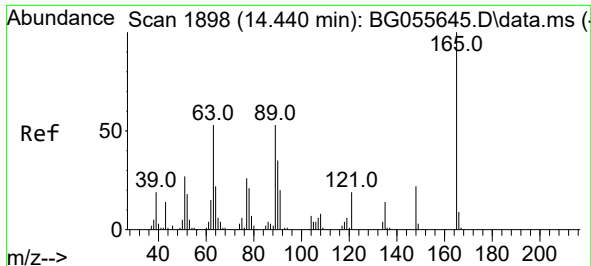
Tgt Ion:330 Resp: 246856
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 30.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 83.155 ng
RT: 13.491 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion:172 Resp: 796720
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.0 20.2 30.4

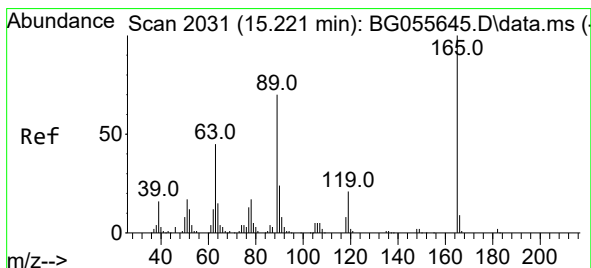
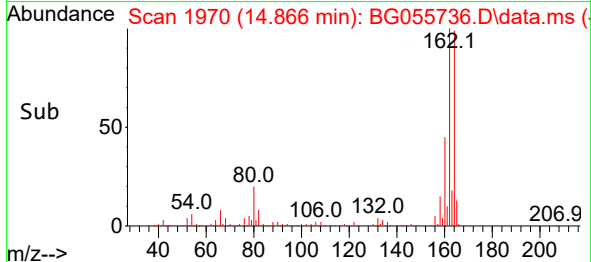
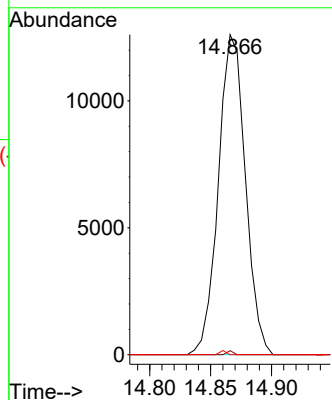
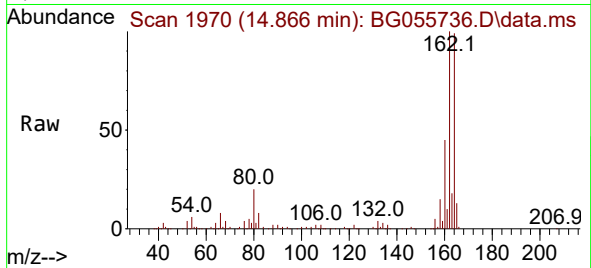




#51
2,6-Dinitrotoluene
Concen: 8.321 ng
RT: 14.866 min Scan# 1970
Delta R.T. 0.433 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

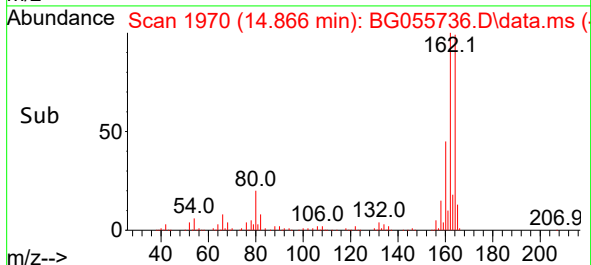
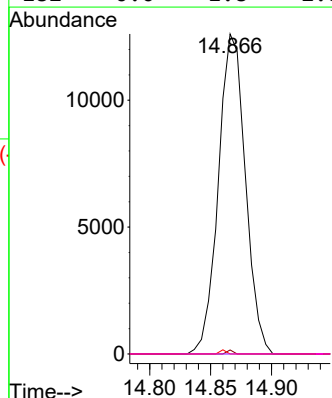
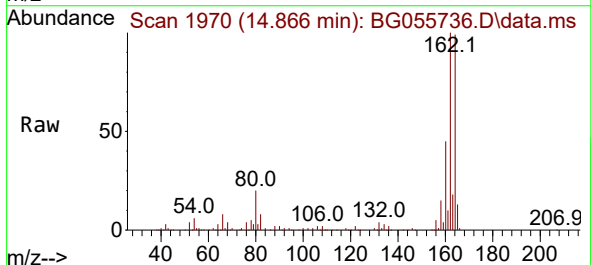
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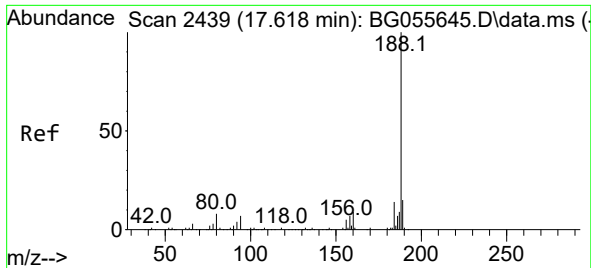
Tgt Ion:165 Resp: 19468
Ion Ratio Lower Upper
165 100
63 1.3 44.6 66.8#
89 0.0 42.2 63.4#



#57
2,4-Dinitrotoluene
Concen: 5.902 ng
RT: 14.866 min Scan# 1970
Delta R.T. -0.354 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion:165 Resp: 19468
Ion Ratio Lower Upper
165 100
63 1.3 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#

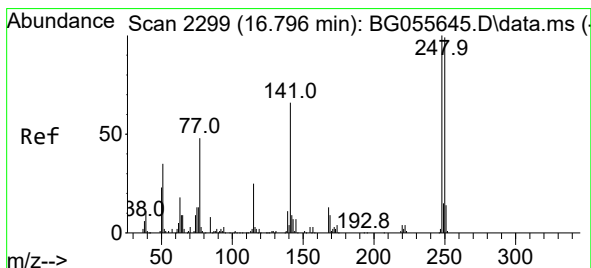
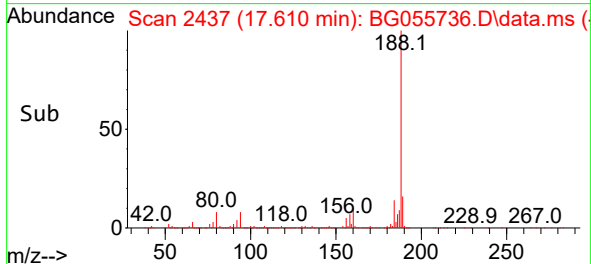
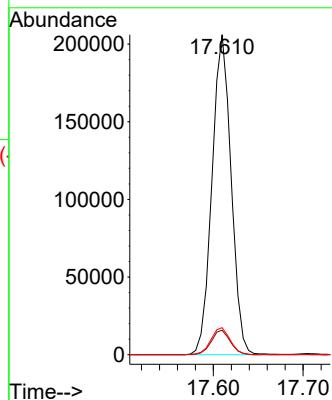
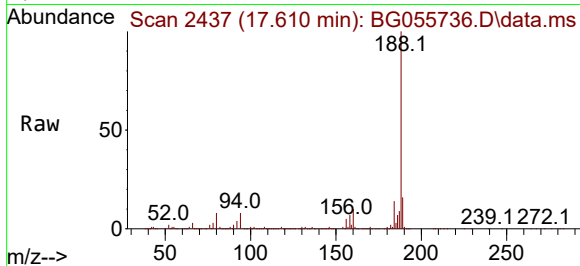




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.610 min Scan# 2439
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

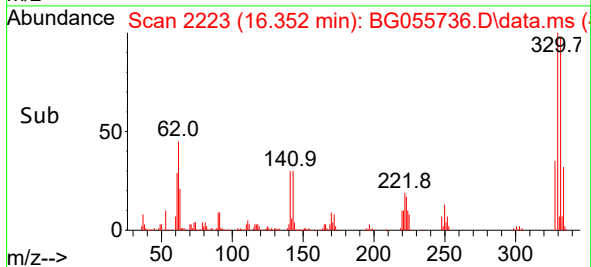
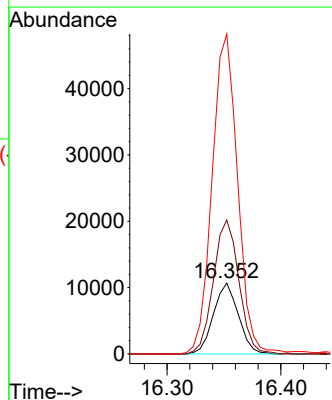
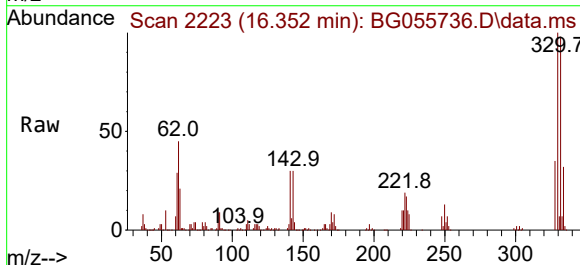
Instrument :
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FRAC-TANK-0760533

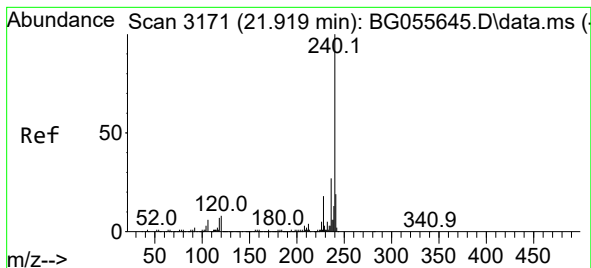
Tgt Ion:188 Resp: 304679
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.2
80 8.5 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.673 ng
RT: 16.352 min Scan# 2223
Delta R.T. -0.436 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion:248 Resp: 16222
Ion Ratio Lower Upper
248 100
250 189.1 79.0 118.4#
141 451.6 52.9 79.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.905 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG055736.D

Acq: 22 Nov 2022 12:12

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-0760533

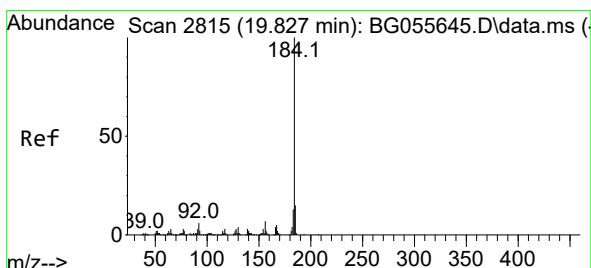
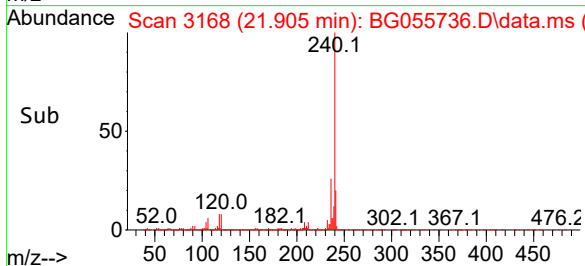
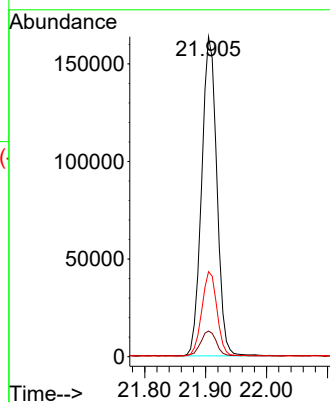
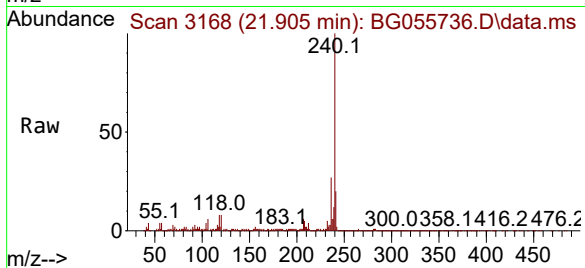
Tgt Ion:240 Resp: 283301

Ion Ratio Lower Upper

240 100

120 8.0 6.3 9.5

236 26.6 21.9 32.9



#77

Benzidine

Concen: 2.944 ng

RT: 20.195 min Scan# 2877

Delta R.T. 0.380 min

Lab File: BG055736.D

Acq: 22 Nov 2022 12:12

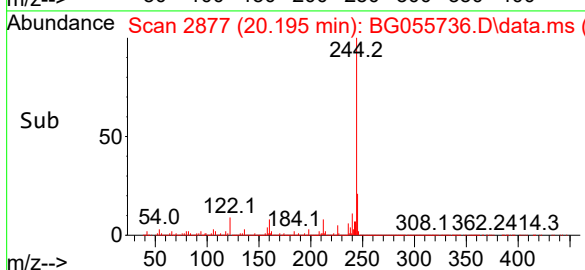
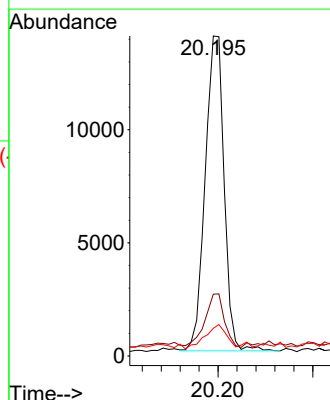
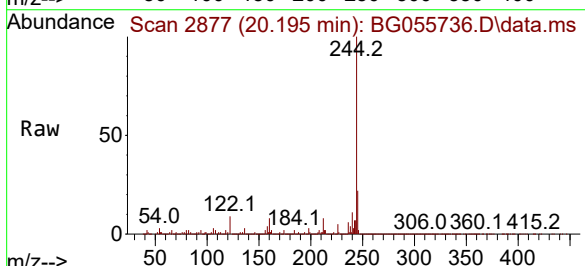
Tgt Ion:184 Resp: 19293

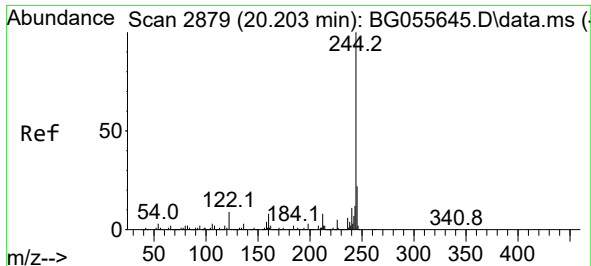
Ion Ratio Lower Upper

184 100

185 19.3 11.8 17.8#

183 8.7 10.6 15.8#

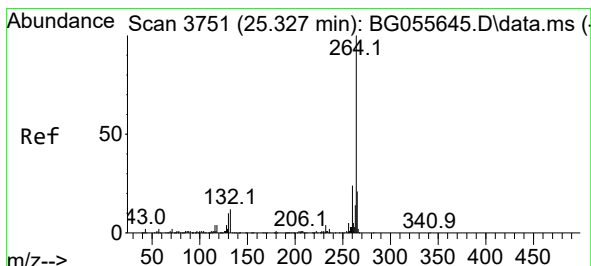
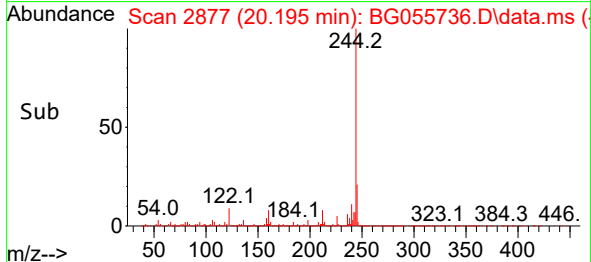
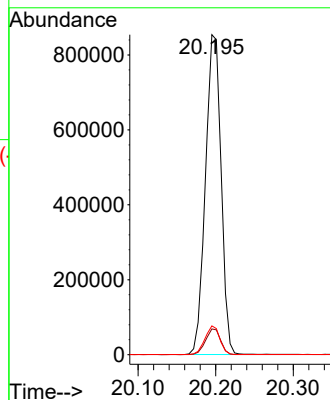
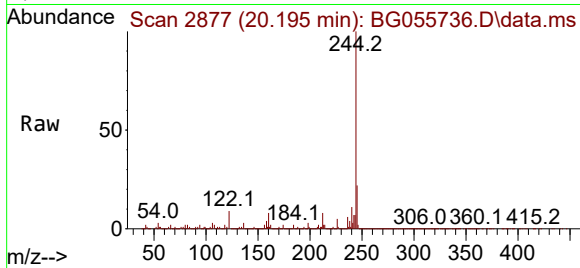




#79
 Terphenyl-d14
 Concen: 84.527 ng
 RT: 20.195 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG055736.D
 Acq: 22 Nov 2022 12:12

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533

Tgt Ion:244 Resp: 1197256
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 9.0 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.312 min Scan# 3748
 Delta R.T. 0.010 min
 Lab File: BG055736.D
 Acq: 22 Nov 2022 12:12

Tgt Ion:264 Resp: 283011
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.9 17.1 25.7

