

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056704.D
 Acq On : 22 Feb 2023 19:21
 Operator : CG/JU
 Sample : 01637-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11977

Quant Time: Feb 23 01:48:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 01:45:41 2023
 Response via : Initial Calibration

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

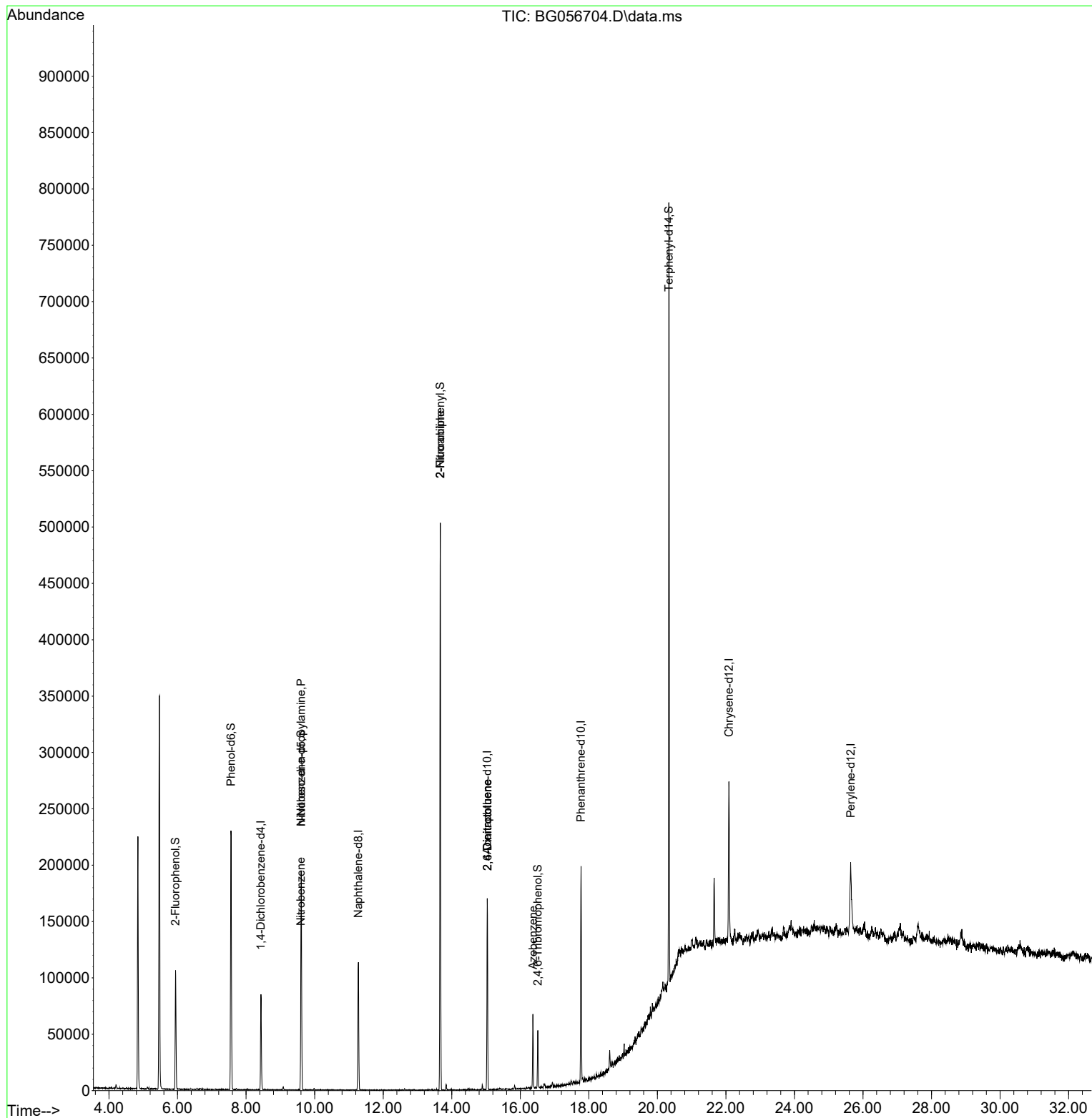
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.432	152	23589	20.000	ng	0.00
21) Naphthalene-d8	11.276	136	92462	20.000	ng	0.00
39) Acenaphthene-d10	15.036	164	59333	20.000	ng	0.00
64) Phenanthrene-d10	17.774	188	123809	20.000	ng	0.00
76) Chrysene-d12	22.087	240	100956	20.000	ng	# 0.00
86) Perylene-d12	25.641	264	81999	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.941	112	45136	31.133	ng	0.00
7) Phenol-d6	7.557	99	132106	61.687	ng	0.00
23) Nitrobenzene-d5	9.607	82	117663	65.156	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	9876	12.157	ng	0.00
45) 2-Fluorobiphenyl	13.667	172	259320	58.525	ng	0.00
79) Terphenyl-d14	20.336	244	357634	57.959	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.607	70	16946	10.570	ng	# 81
24) Nitrobenzene	9.595	77	414	2.874	ng	# 43
48) 2-Nitroaniline	13.667	65	482	5.661	ng	# 26
51) 2,6-Dinitrotoluene	15.042	165	7895	10.436	ng	# 21
57) 2,4-Dinitrotoluene	15.042	165	7895	6.600	ng	# 24
63) Azobenzene	16.370	77	20859	4.212	ng	# 6

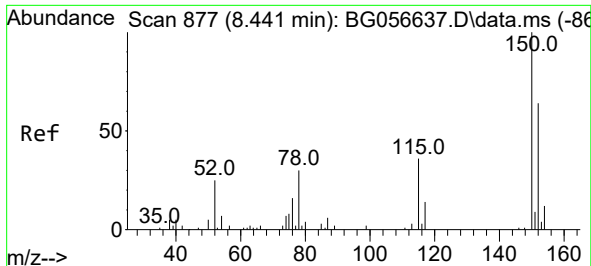
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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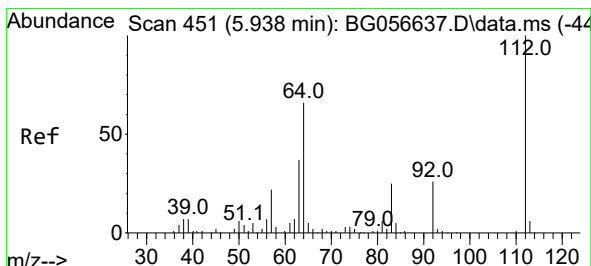
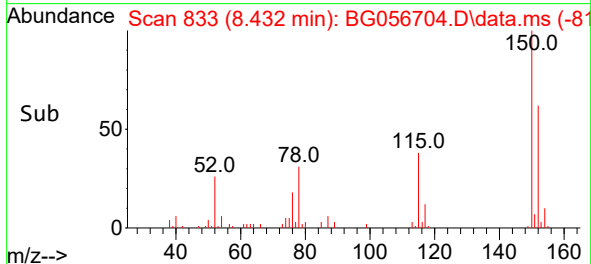
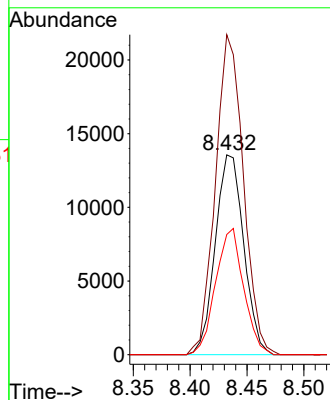
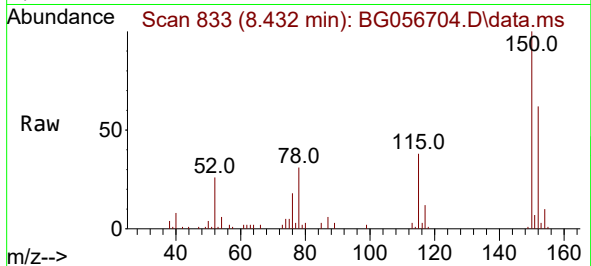




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.432 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

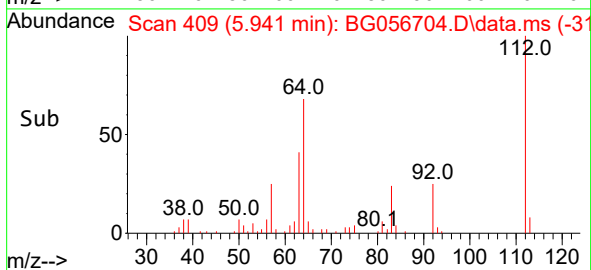
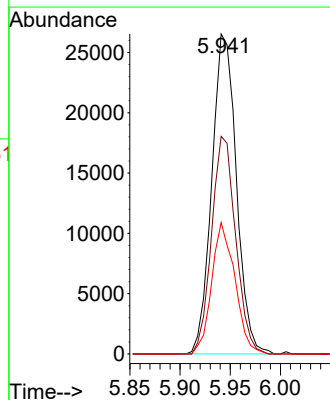
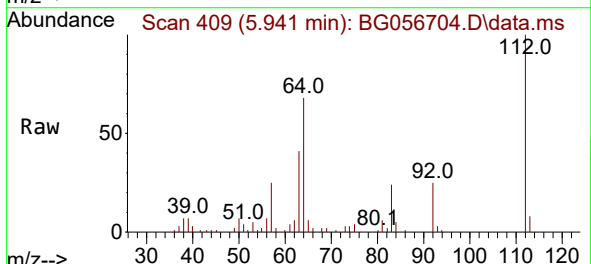
Instrument :
BNA_G
ClientSampleId :
72-11977

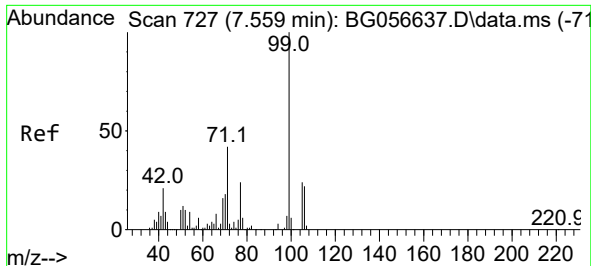
Tgt Ion:152 Resp: 23589
Ion Ratio Lower Upper
152 100
150 160.1 124.8 187.2
115 60.1 44.7 67.1



#5
2-Fluorophenol
Concen: 31.133 ng
RT: 5.941 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion:112 Resp: 45136
Ion Ratio Lower Upper
112 100
64 68.0 52.6 78.8
63 41.0 29.8 44.6

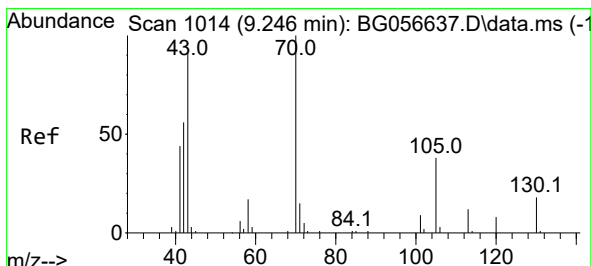
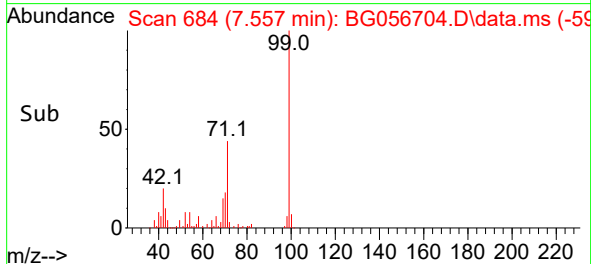
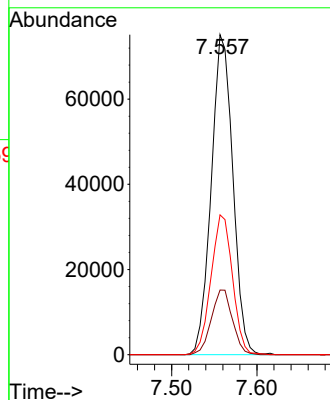
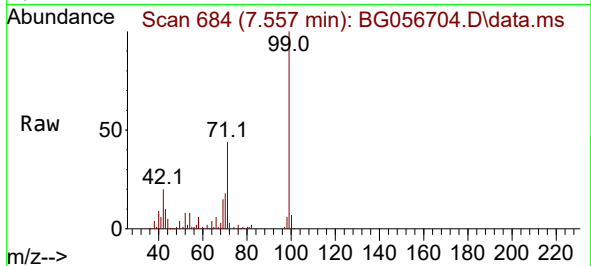




#7
Phenol-d6
Concen: 61.687 ng
RT: 7.557 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

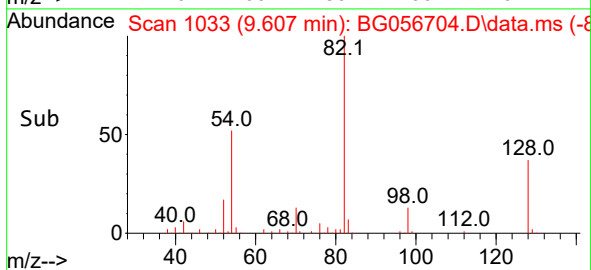
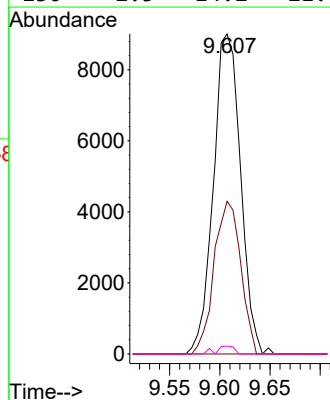
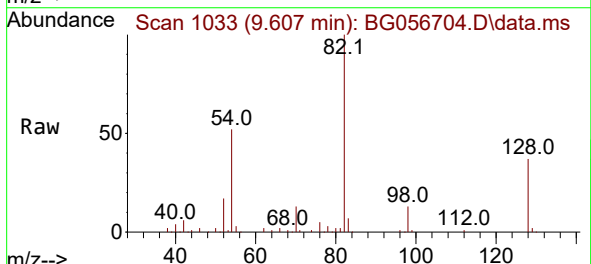
Instrument :
BNA_G
ClientSampleId :
72-11977

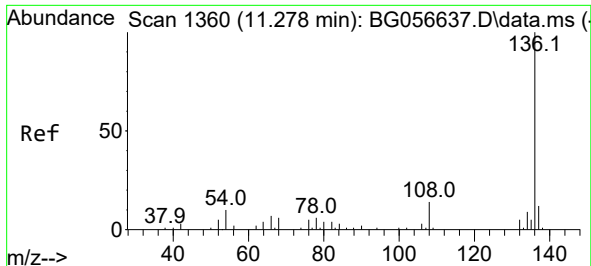
Tgt Ion: 99 Resp: 132106
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 43.7 33.9 50.9



#19
n-Nitroso-di-n-propylamine
Concen: 10.570 ng
RT: 9.607 min Scan# 1033
Delta R.T. 0.376 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion: 70 Resp: 16946
Ion Ratio Lower Upper
70 100
42 47.7 45.7 68.5
101 0.0 7.4 11.0#
130 2.5 14.2 21.4#

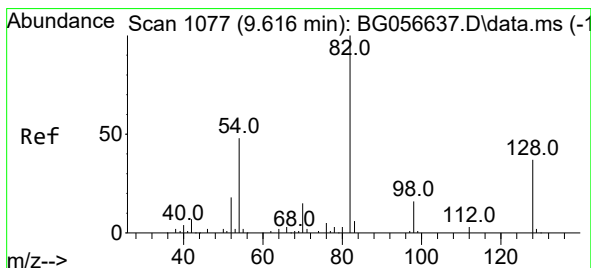
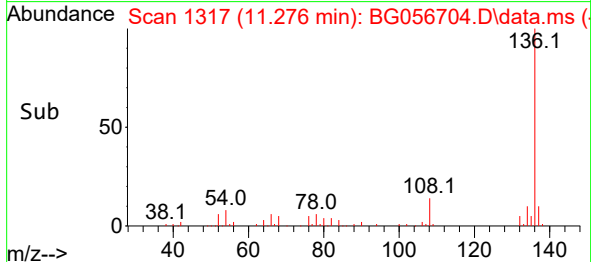
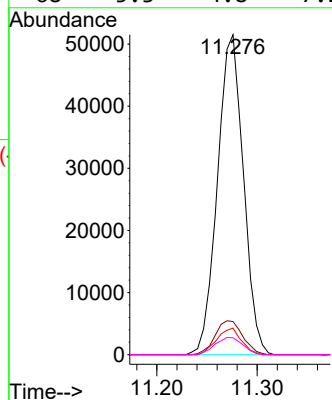
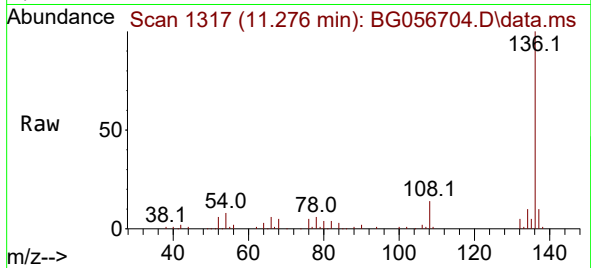




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.276 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

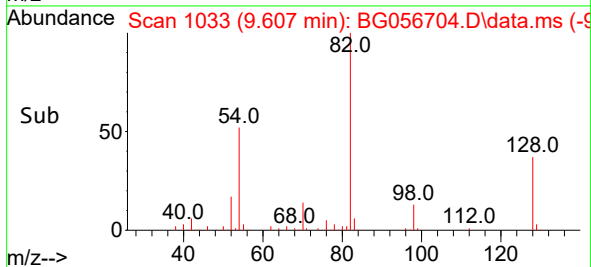
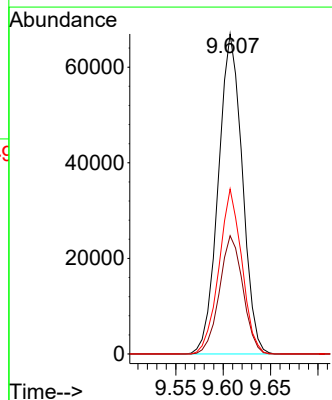
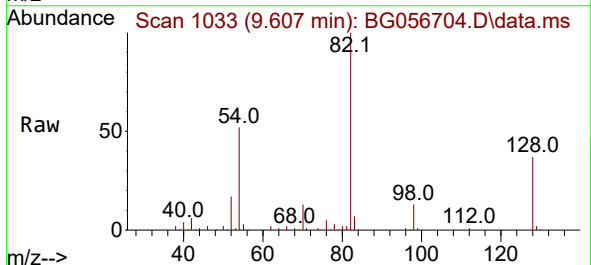
Instrument :
BNA_G
ClientSampleId :
72-11977

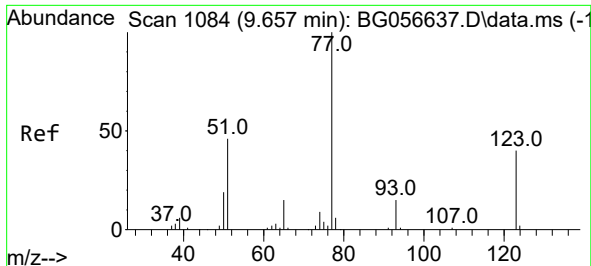
Tgt Ion:	136	Resp:	92462
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.7	14.5
54	8.3	7.7	11.5
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 65.156 ng
RT: 9.607 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion:	82	Resp:	117663
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	51.5	37.8	56.6

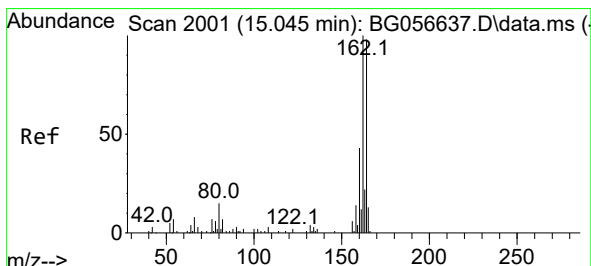
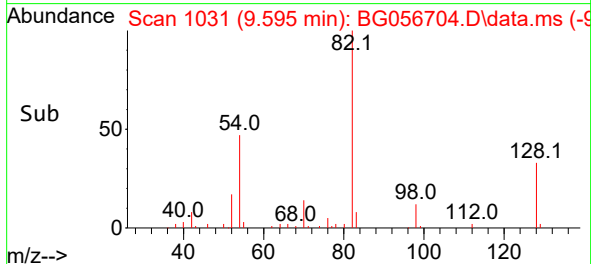
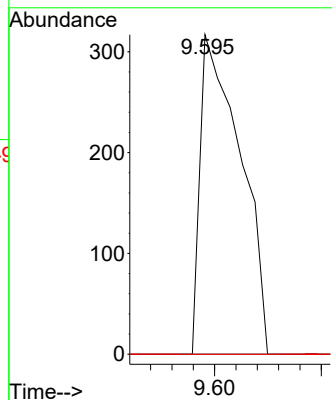
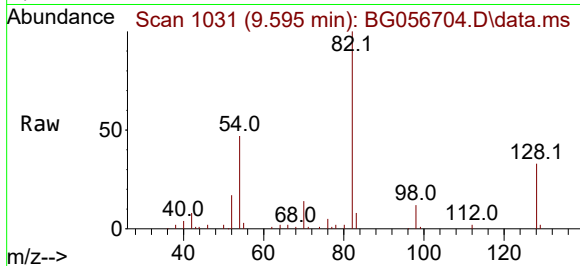




#24
Nitrobenzene
Concen: 2.874 ng
RT: 9.595 min Scan# 1084
Delta R.T. -0.053 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

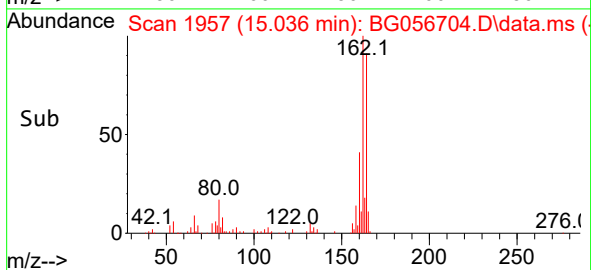
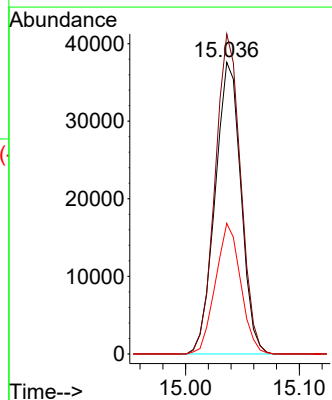
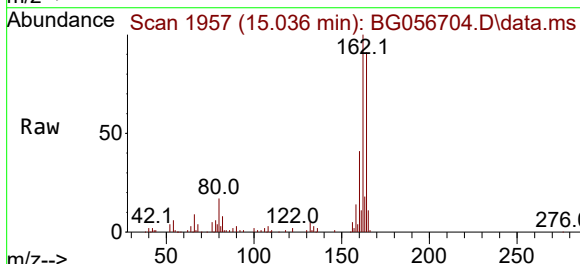
Instrument :
BNA_G
ClientSampleId :
72-11977

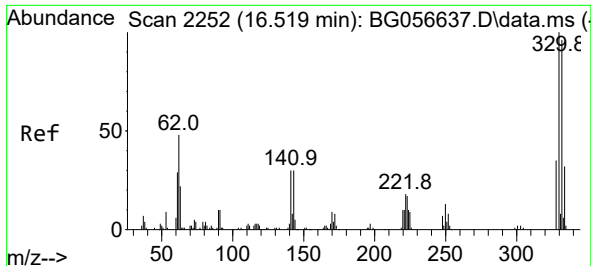
Tgt Ion: 77 Resp: 414
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.8#
65 0.0 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.036 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion:164 Resp: 59333
Ion Ratio Lower Upper
164 100
162 109.7 81.3 121.9
160 44.8 35.2 52.8

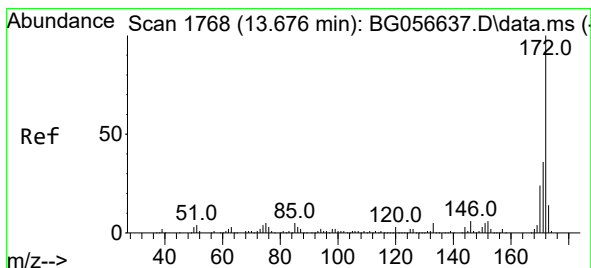
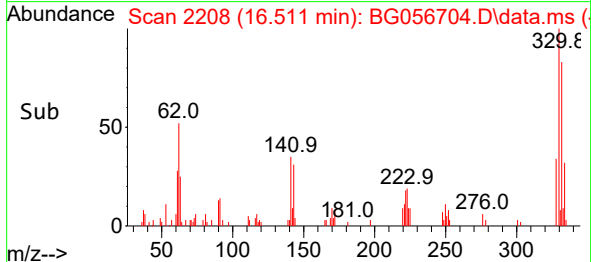
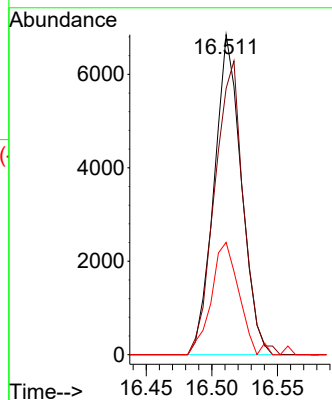
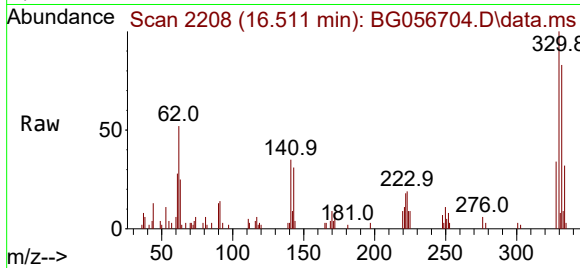




#42
2,4,6-Tribromophenol
Concen: 12.157 ng
RT: 16.511 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

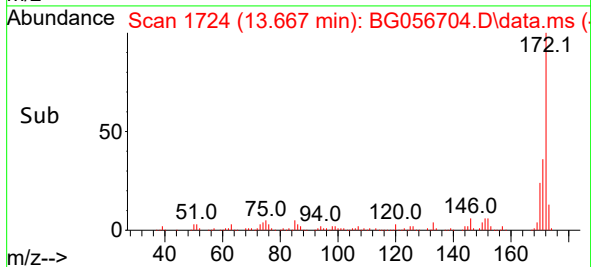
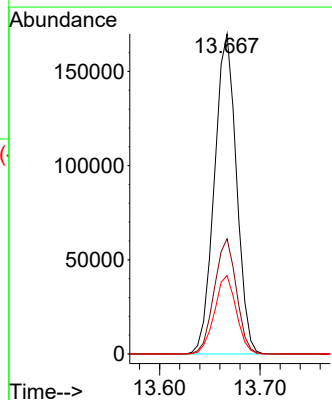
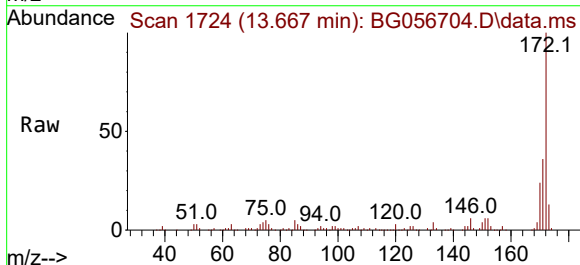
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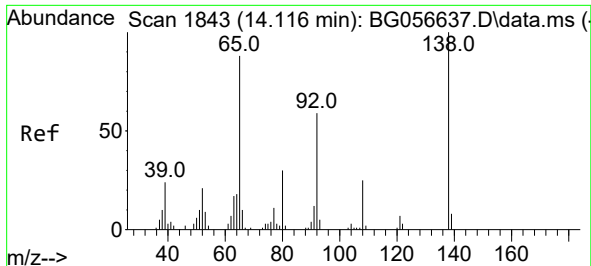
Tgt Ion:330 Resp: 9876
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 35.9 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 58.525 ng
RT: 13.667 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion:172 Resp: 259320
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.5 19.4 29.0

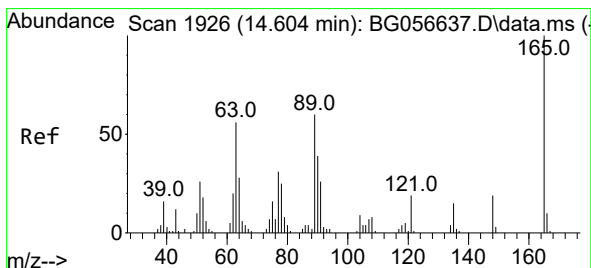
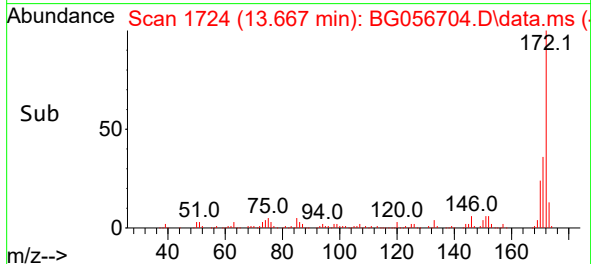
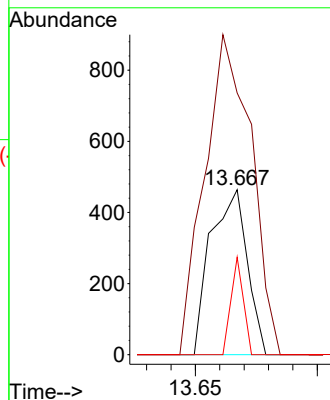
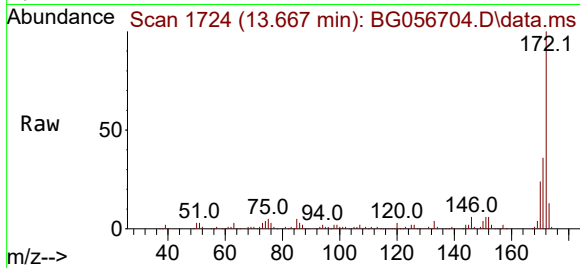




#48
2-Nitroaniline
Concen: 5.661 ng
RT: 13.667 min Scan# 11
Delta R.T. -0.447 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

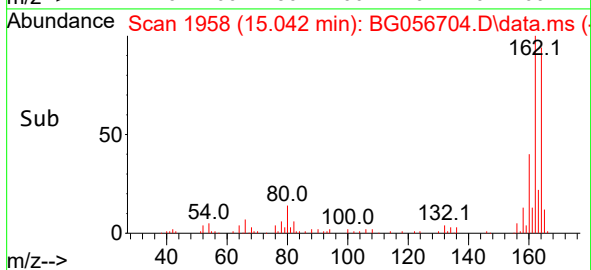
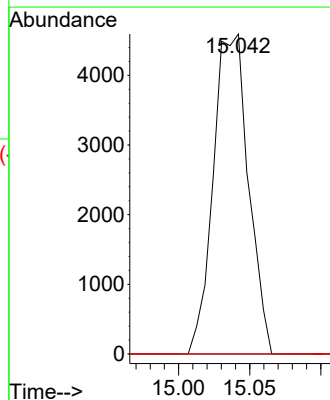
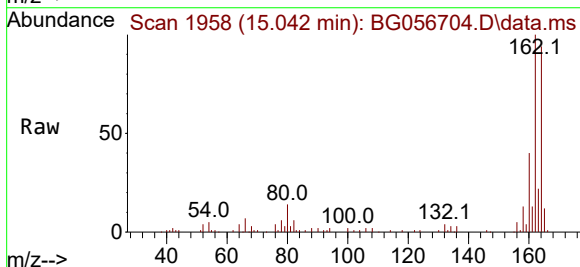
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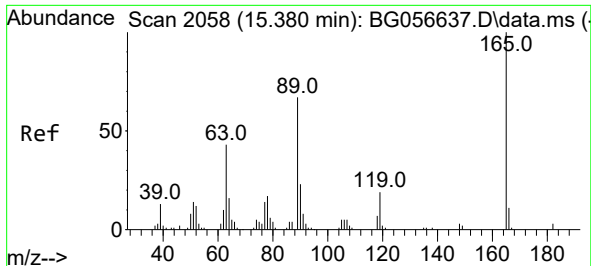
Tgt Ion: 65 Resp: 482
Ion Ratio Lower Upper
65 100
92 158.6 53.8 80.6#
138 59.1 90.6 135.8#



#51
2,6-Dinitrotoluene
Concen: 10.436 ng
RT: 15.042 min Scan# 1958
Delta R.T. 0.446 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion:165 Resp: 7895
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 48.2 72.2#





#57

2,4-Dinitrotoluene

Concen: 6.600 ng

RT: 15.042 min Scan# 11

Delta R.T. -0.335 min

Lab File: BG056704.D

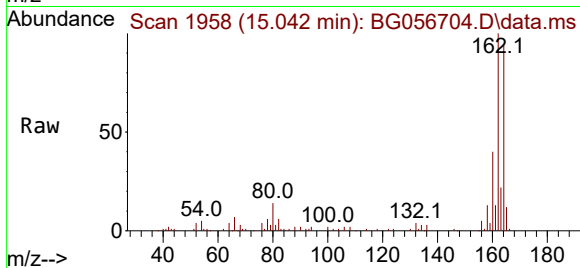
Acq: 22 Feb 2023 19:21

Instrument :

BNA_G

ClientSampleId :

72-11977



Tgt Ion:165 Resp: 7895

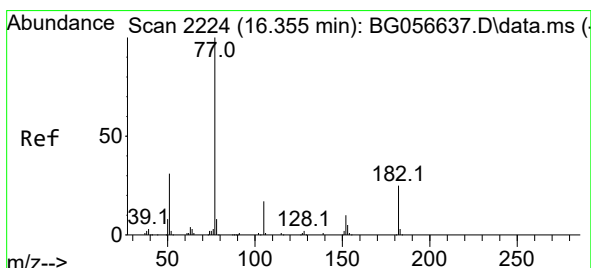
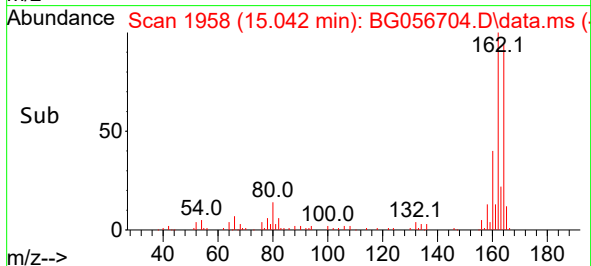
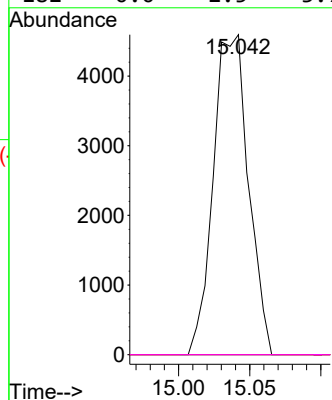
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 53.8 80.8#

182 0.0 2.5 3.7#



#63

Azobenzene

Concen: 4.212 ng

RT: 16.370 min Scan# 2184

Delta R.T. 0.017 min

Lab File: BG056704.D

Acq: 22 Feb 2023 19:21

Tgt Ion: 77 Resp: 20859

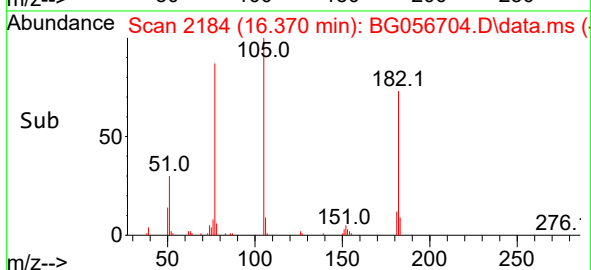
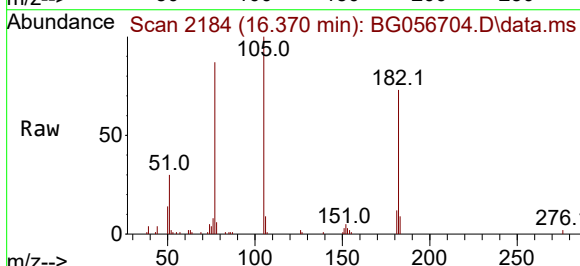
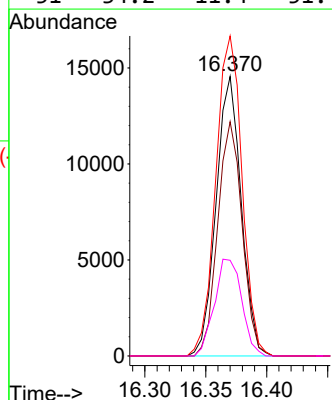
Ion Ratio Lower Upper

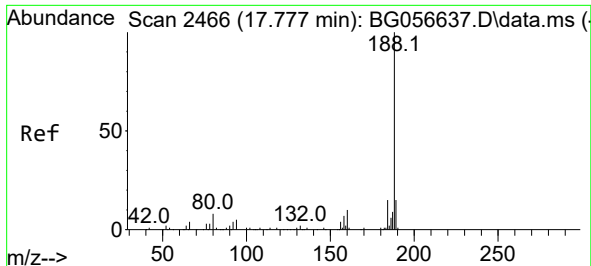
77 100

182 83.8 5.2 45.2#

105 114.5 0.0 37.3#

51 34.2 11.4 51.4

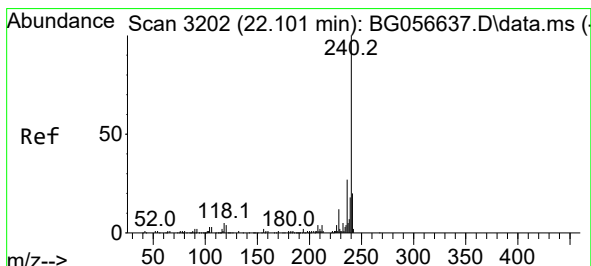
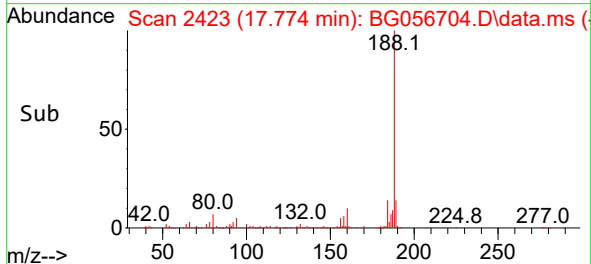
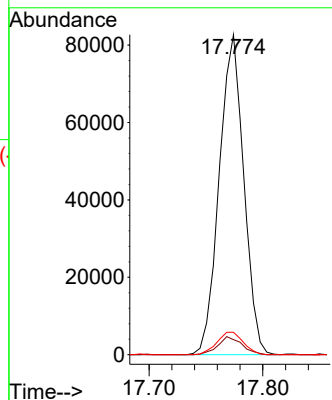
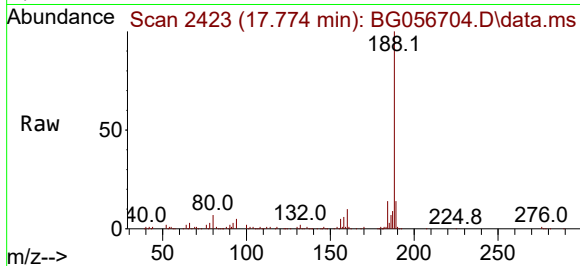




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.774 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

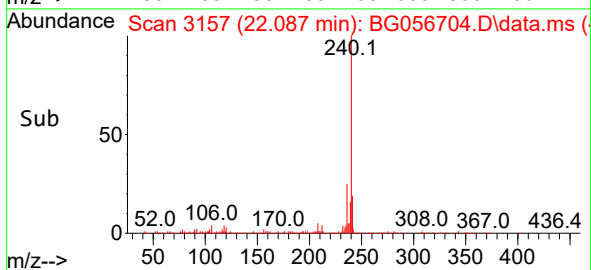
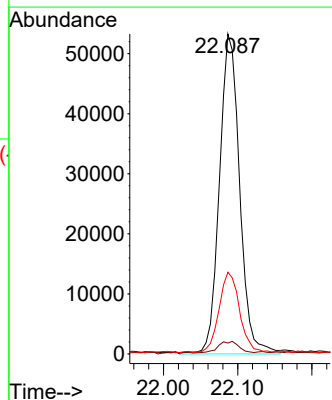
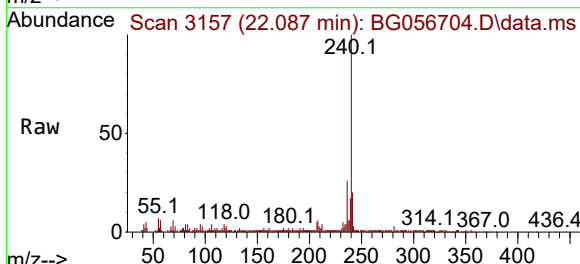
Instrument :
BNA_G
ClientSampleId :
72-11977

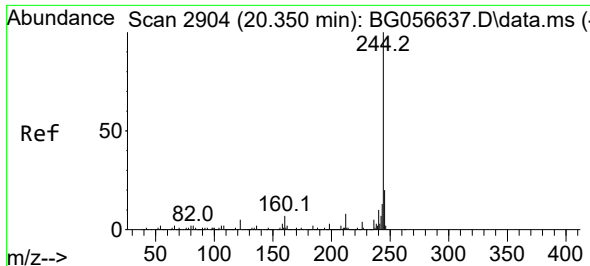
Tgt Ion:188 Resp: 123809
Ion Ratio Lower Upper
188 100
94 4.7 4.0 6.0
80 7.0 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion:240 Resp: 100956
Ion Ratio Lower Upper
240 100
120 3.4 3.5 5.3#
236 25.6 21.5 32.3

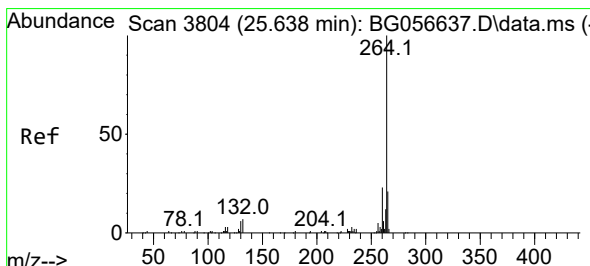
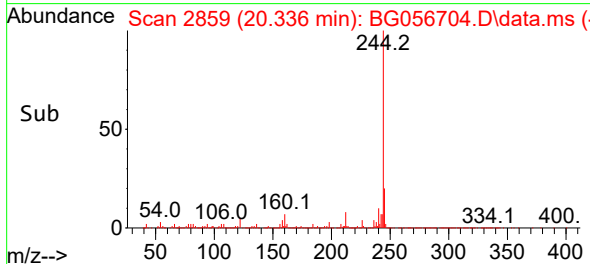
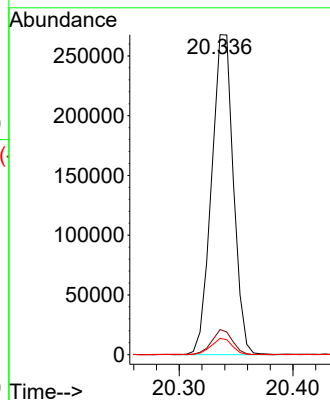
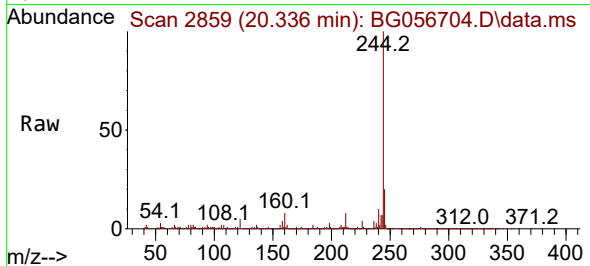




#79
 Terphenyl-d14
 Concen: 57.959 ng
 RT: 20.336 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056704.D
 Acq: 22 Feb 2023 19:21

Instrument :
 BNA_G
 ClientSampleId :
 72-11977

Tgt Ion:244 Resp: 357634
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 5.1 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.641 min Scan# 3762
 Delta R.T. 0.017 min
 Lab File: BG056704.D
 Acq: 22 Feb 2023 19:21

Tgt Ion:264 Resp: 81999
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 27.8
 265 21.2 17.0 25.4

