

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055785.D
 Acq On : 25 Nov 2022 17:58
 Operator : CG/JU
 Sample : N5741-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 00:28:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

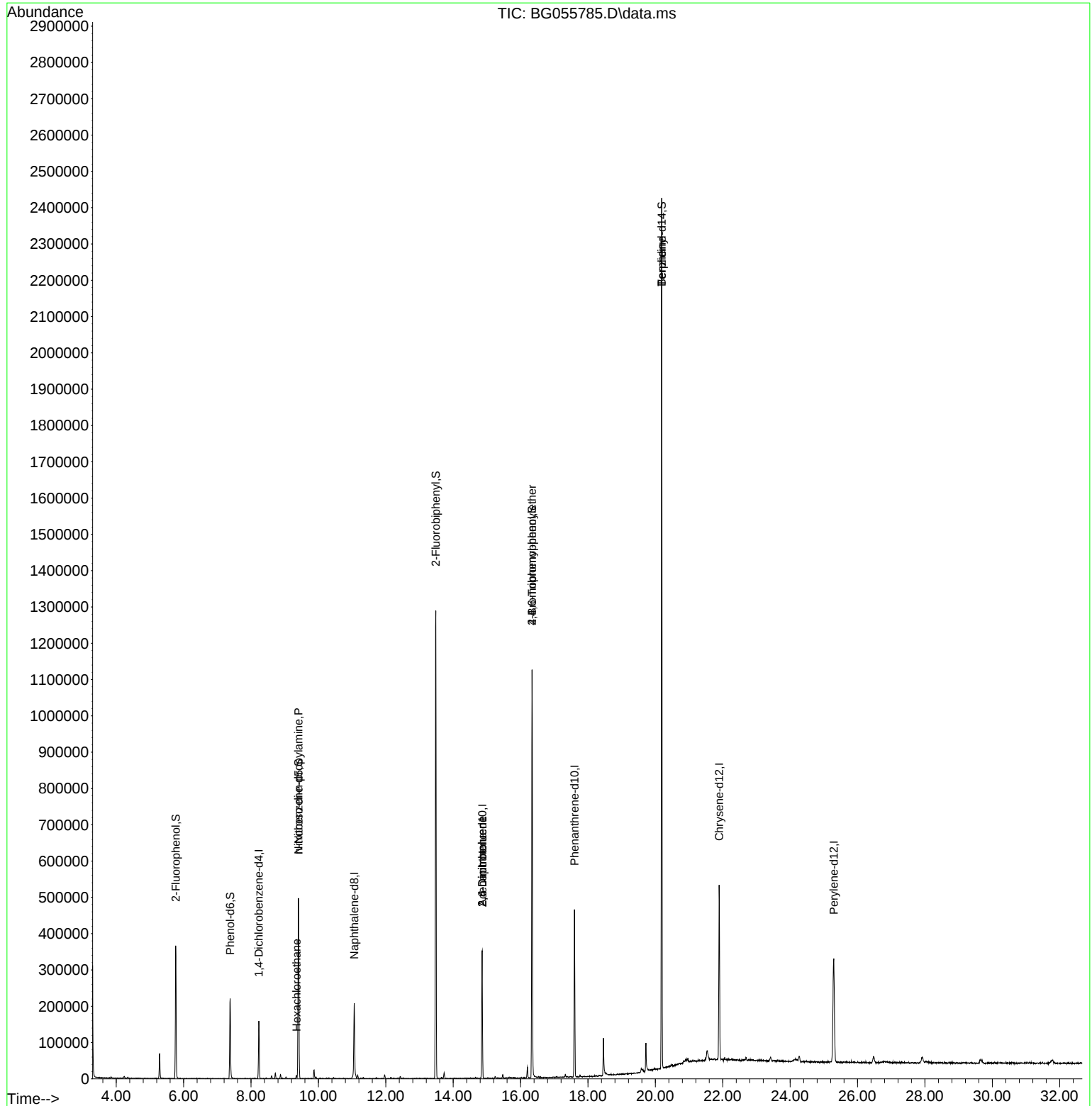
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	45780	20.000	ng	0.00
21) Naphthalene-d8	11.064	136	182113	20.000	ng	0.00
39) Acenaphthene-d10	14.860	164	128687	20.000	ng	0.00
64) Phenanthrene-d10	17.598	188	299121	20.000	ng	0.00
76) Chrysene-d12	21.893	240	303001	20.000	ng	0.00
86) Perylene-d12	25.295	264	313557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.765	112	161558	63.787	ng	0.00
7) Phenol-d6	7.380	99	128276	38.047	ng	0.00
23) Nitrobenzene-d5	9.407	82	294635	85.512	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	237124	130.857	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	693867	80.777	ng	0.00
79) Terphenyl-d14	20.189	244	1174788	77.548	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.349	117	2524	2.132	ng	# 34
19) n-Nitroso-di-n-propyla...	9.407	70	39396	15.208	ng	# 76
51) 2,6-Dinitrotoluene	14.860	165	16771	7.996	ng	# 28
57) 2,4-Dinitrotoluene	14.860	165	16771	5.671	ng	# 26
67) 4-Bromophenyl-phenylether	16.340	248	15466	4.538	ng	# 1
77) Benzidine	20.189	184	18921	2.699	ng	# 92

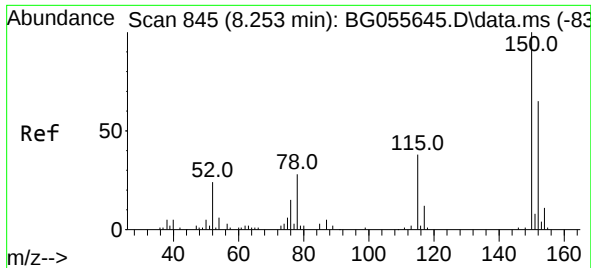
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055785.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

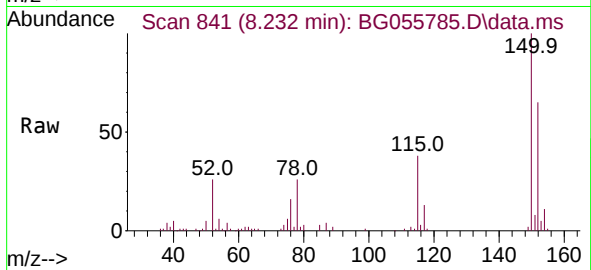
Quant Time: Nov 26 00:28:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 06:05:02 2022
Response via : Initial Calibration



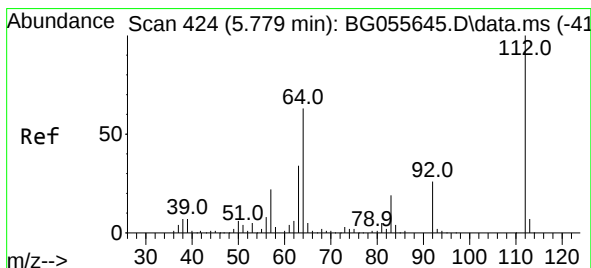
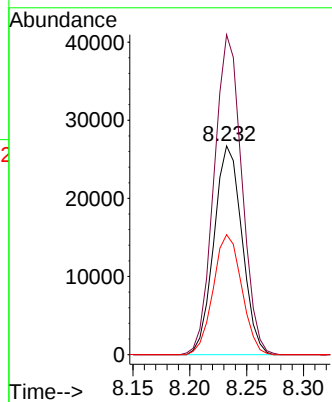
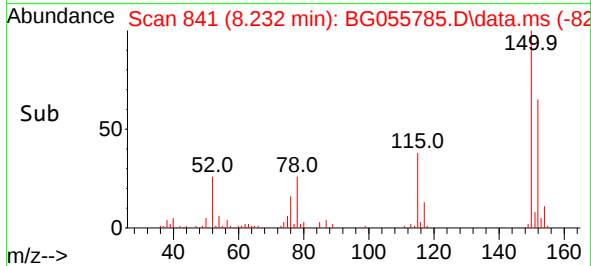


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.232 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

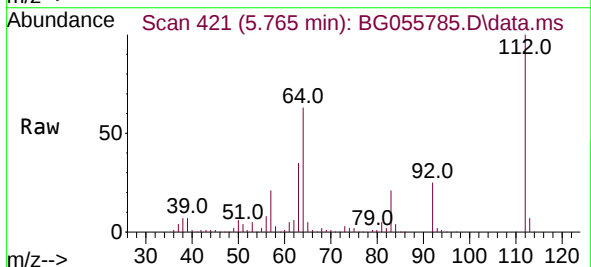
Instrument :
BNA_G
ClientSampleId :



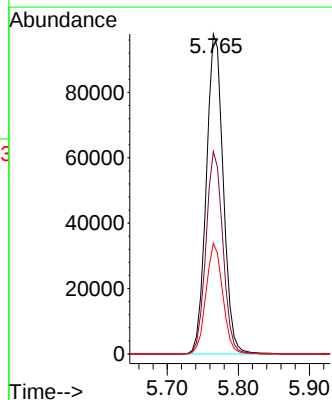
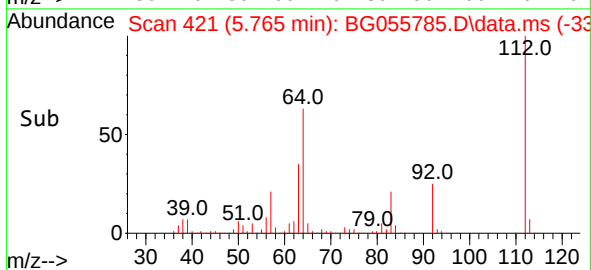
Tgt Ion:152 Resp: 45780
Ion Ratio Lower Upper
152 100
150 153.3 123.0 184.6
115 57.5 47.0 70.4

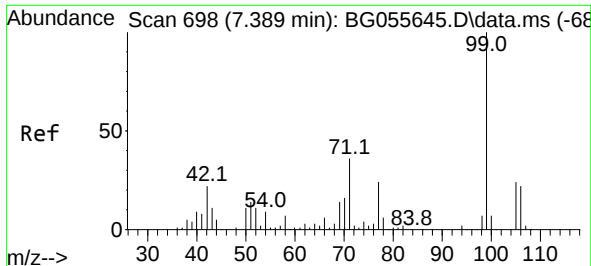


#5
2-Fluorophenol
Concen: 63.787 ng
RT: 5.765 min Scan# 421
Delta R.T. -0.003 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58



Tgt Ion:112 Resp: 161558
Ion Ratio Lower Upper
112 100
64 63.3 50.6 76.0
63 34.6 27.5 41.3

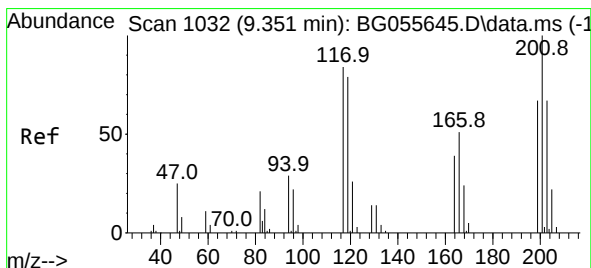
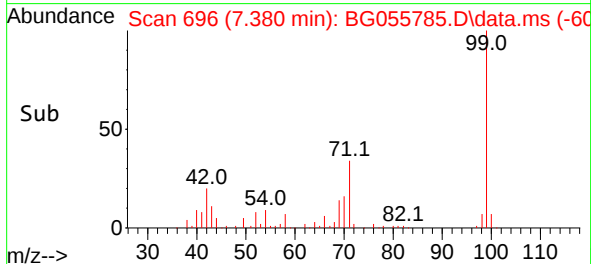
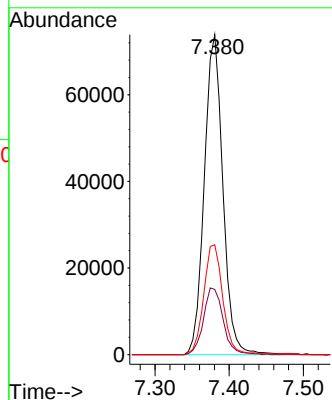
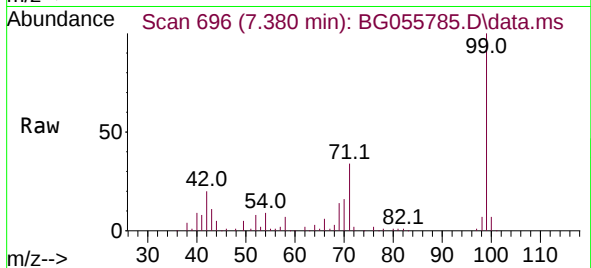




#7
Phenol-d6
Concen: 38.047 ng
RT: 7.380 min Scan# 69
Delta R.T. -0.003 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

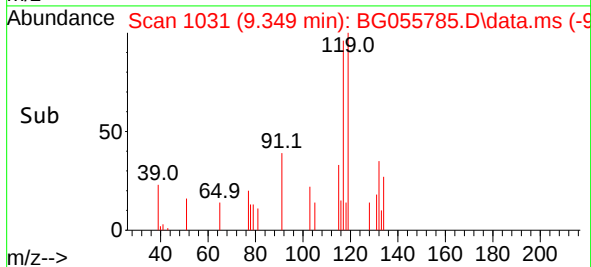
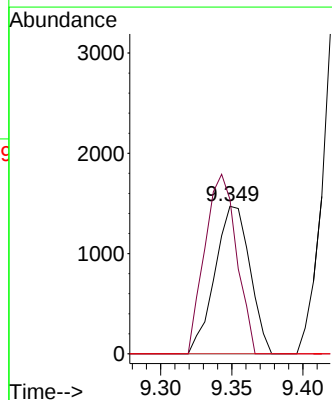
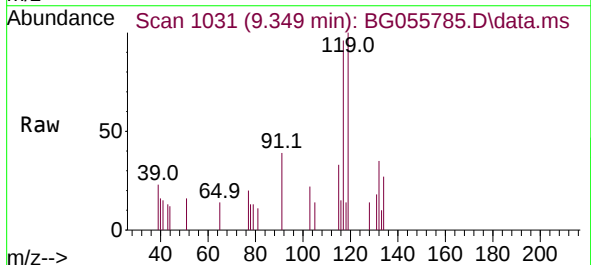
Instrument :
BNA_G
ClientSampleId :

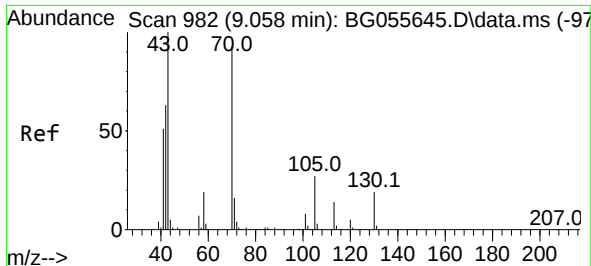
Tgt Ion: 99 Resp: 128276
Ion Ratio Lower Upper
99 100
42 20.4 18.0 27.0
71 34.3 29.0 43.6



#18
Hexachloroethane
Concen: 2.132 ng
RT: 9.349 min Scan# 1031
Delta R.T. 0.014 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

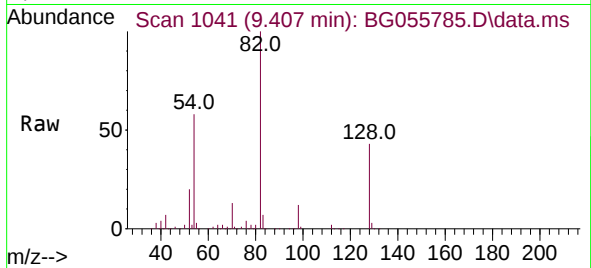
Tgt Ion: 117 Resp: 2524
Ion Ratio Lower Upper
117 100
119 104.7 76.0 114.0
201 0.0 98.6 148.0#



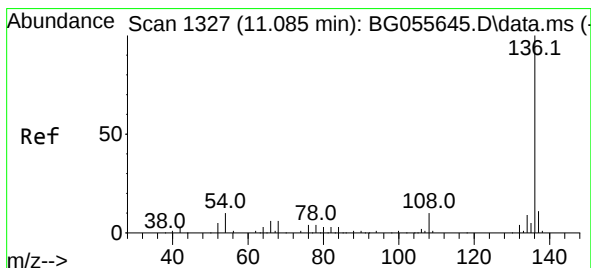
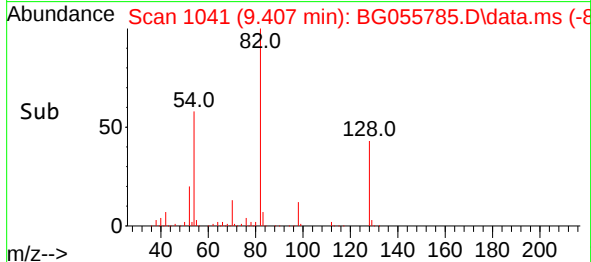
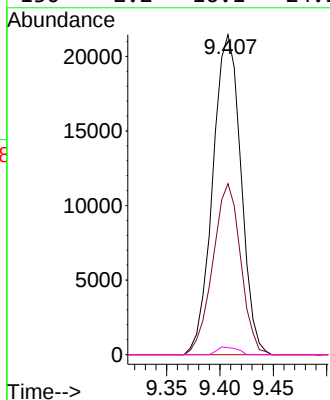


#19
n-Nitroso-di-n-propylamine
Concen: 15.208 ng
RT: 9.407 min Scan# 1041
Delta R.T. 0.361 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

Instrument :
BNA_G
ClientSampleId :

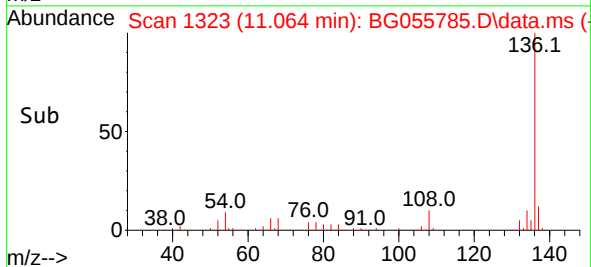
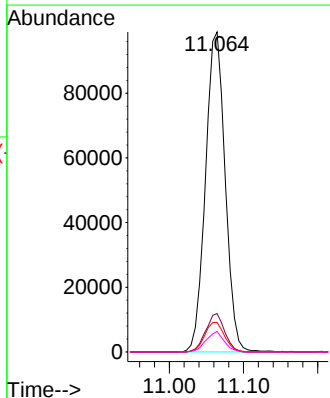
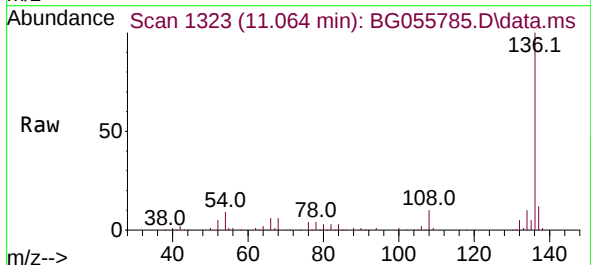


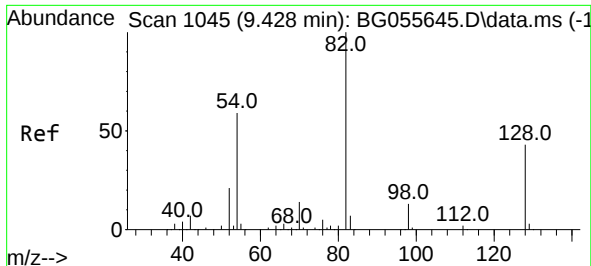
Tgt Ion:	70	Resp:	39396
Ion Ratio	Lower	Upper	
70	100		
42	53.4	55.2	82.8#
101	0.0	7.1	10.7#
130	2.2	16.1	24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.064 min Scan# 1323
Delta R.T. -0.003 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

Tgt Ion:	136	Resp:	182113
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.0	13.6
54	9.2	7.8	11.6
68	6.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 85.512 ng

RT: 9.407 min Scan# 1041

Delta R.T. -0.003 min

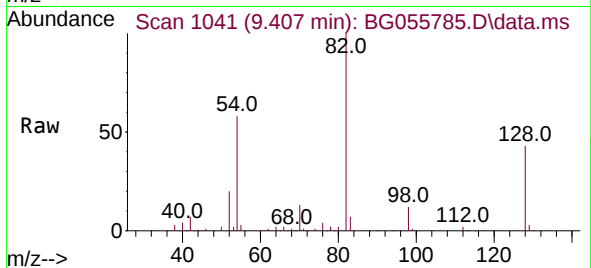
Lab File: BG055785.D

Acq: 25 Nov 2022 17:58

Instrument :

BNA_G

ClientSampleId :



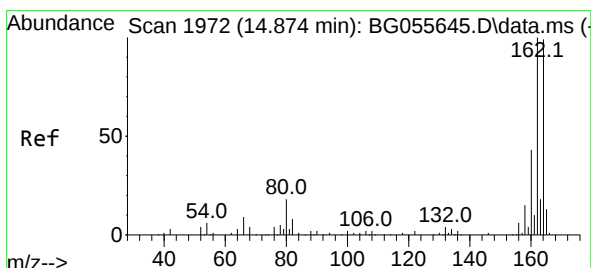
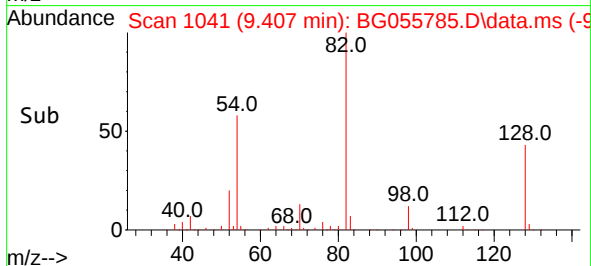
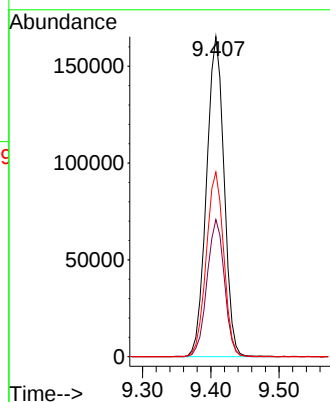
Tgt Ion: 82 Resp: 294635

Ion Ratio Lower Upper

82 100

128 42.8 34.1 51.1

54 57.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.860 min Scan# 1969

Delta R.T. -0.003 min

Lab File: BG055785.D

Acq: 25 Nov 2022 17:58

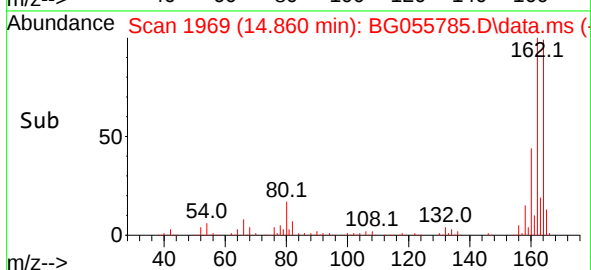
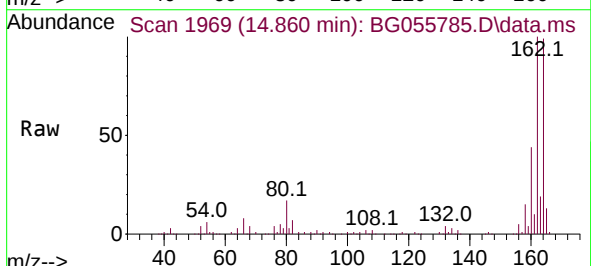
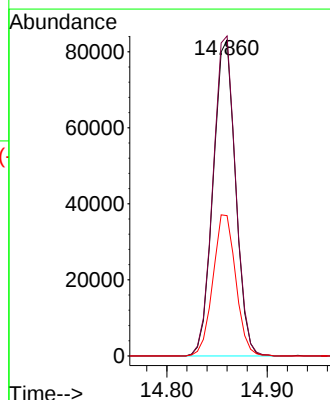
Tgt Ion: 164 Resp: 128687

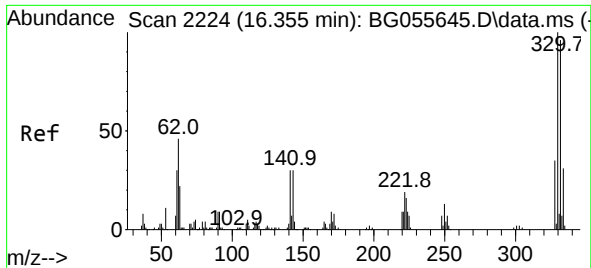
Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

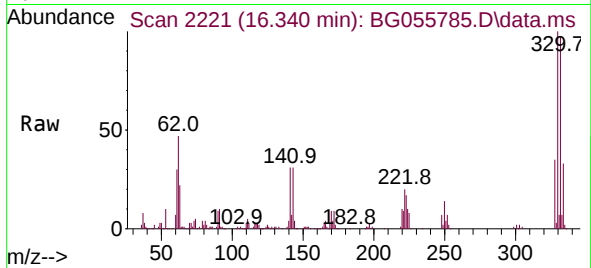
160 44.4 34.8 52.2



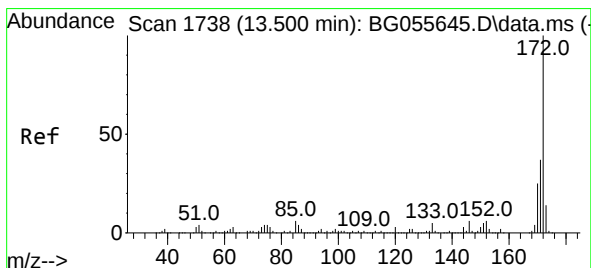
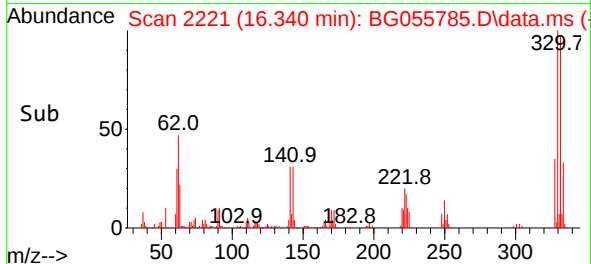
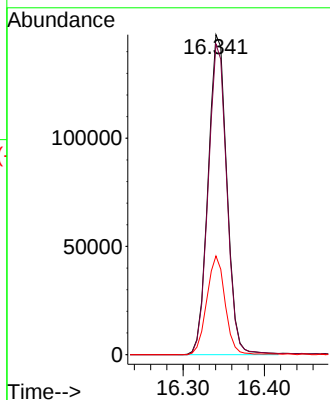


#42
2,4,6-Tribromophenol
Concen: 130.857 ng
RT: 16.340 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

Instrument :
BNA_G
ClientSampleId :

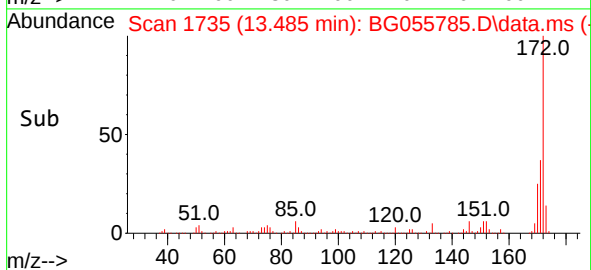
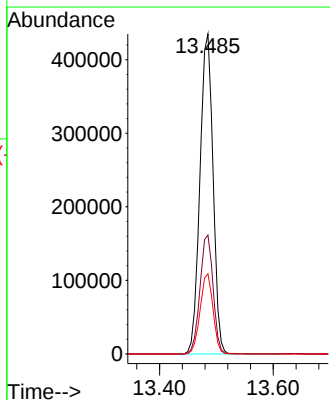
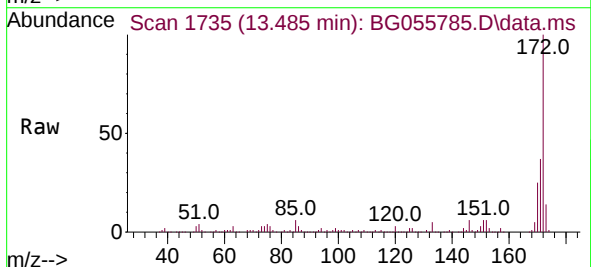


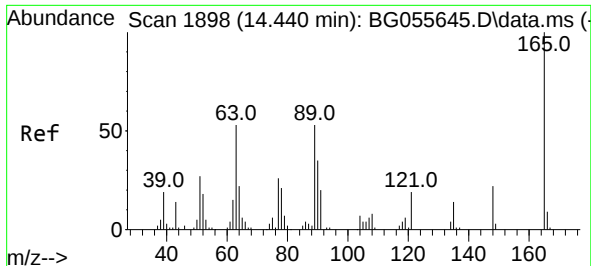
Tgt Ion:330 Resp: 237124
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 30.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 80.777 ng
RT: 13.485 min Scan# 1735
Delta R.T. -0.003 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

Tgt Ion:172 Resp: 693867
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.0 20.2 30.4

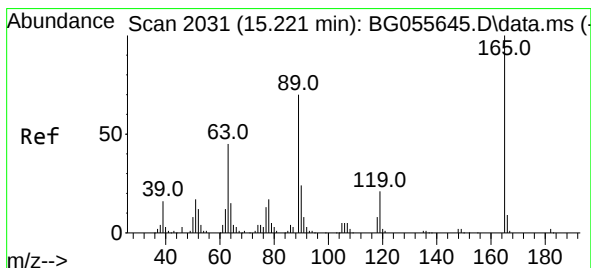
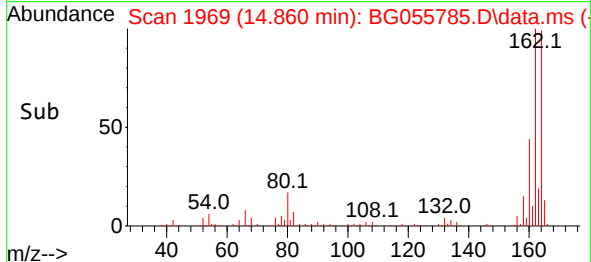
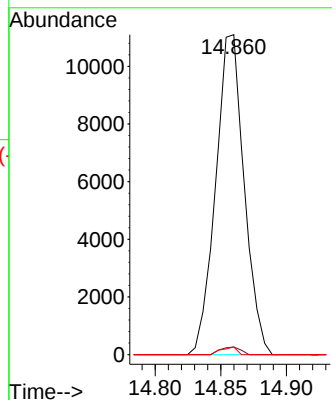
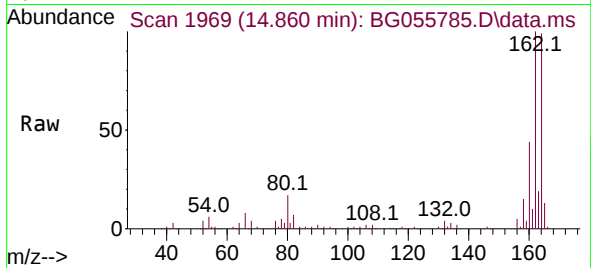




#51
2,6-Dinitrotoluene
Concen: 7.996 ng
RT: 14.860 min Scan# 1969
Delta R.T. 0.426 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

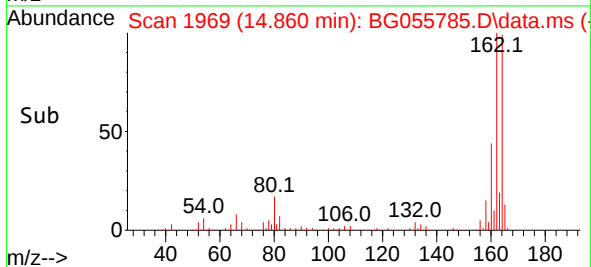
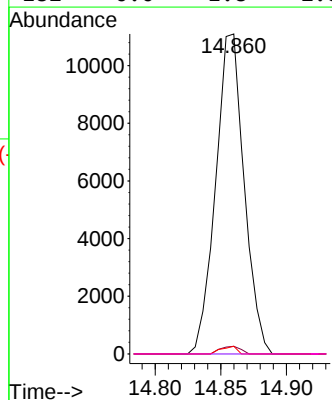
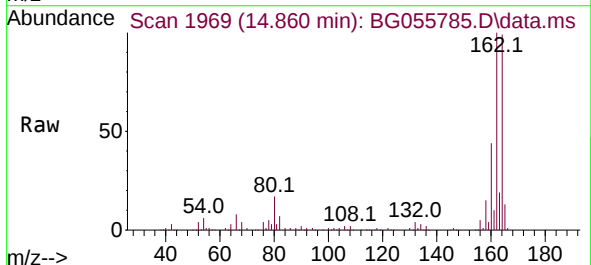
Instrument :
BNA_G
ClientSampleId :

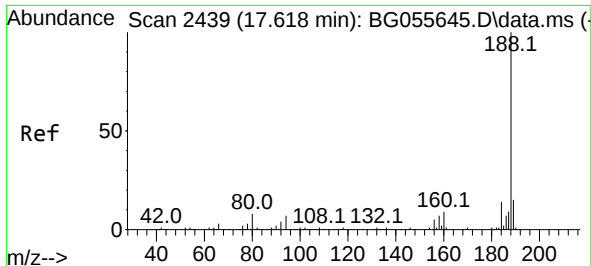
Tgt Ion:165 Resp: 16771
Ion Ratio Lower Upper
165 100
63 2.4 44.6 66.8#
89 2.4 42.2 63.4#



#57
2,4-Dinitrotoluene
Concen: 5.671 ng
RT: 14.860 min Scan# 1969
Delta R.T. -0.356 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

Tgt Ion:165 Resp: 16771
Ion Ratio Lower Upper
165 100
63 2.4 35.8 53.8#
89 2.4 56.2 84.4#
182 0.0 1.8 2.8#

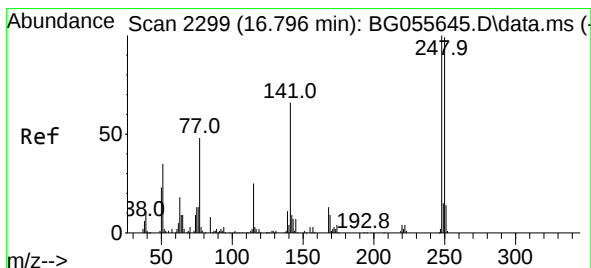
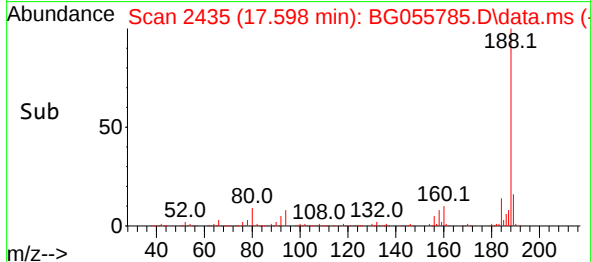
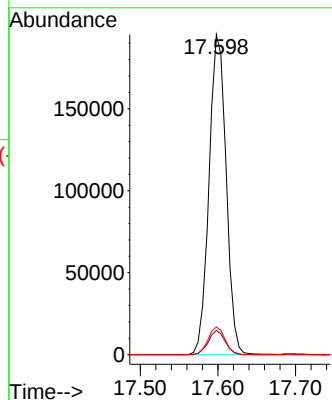
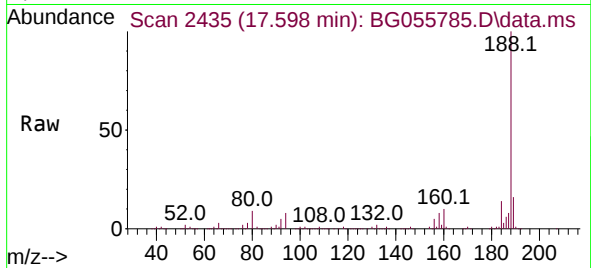




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.598 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

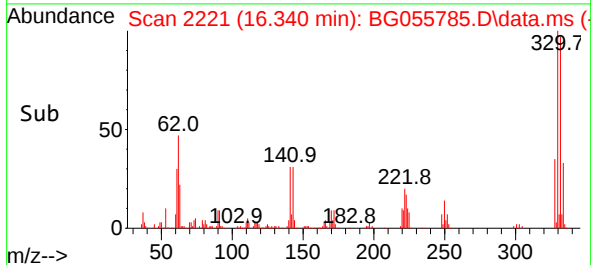
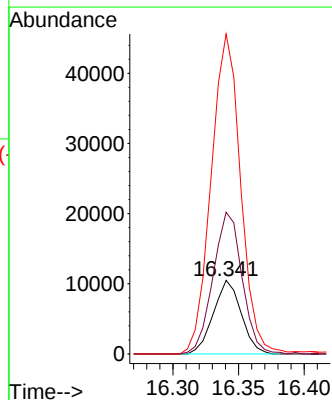
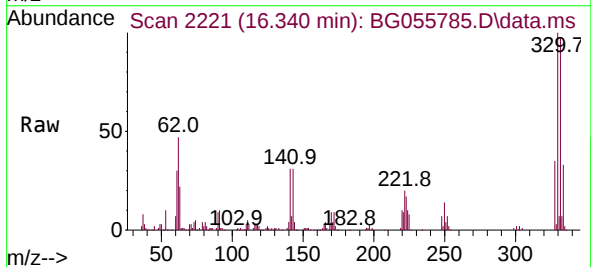
Instrument :
BNA_G
ClientSampleId :

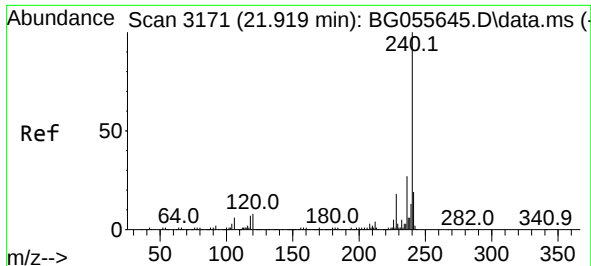
Tgt Ion:188 Resp: 299121
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.2
80 8.6 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.538 ng
RT: 16.340 min Scan# 2221
Delta R.T. -0.444 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

Tgt Ion:248 Resp: 15466
Ion Ratio Lower Upper
248 100
250 192.6 79.0 118.4#
141 435.2 52.9 79.3#

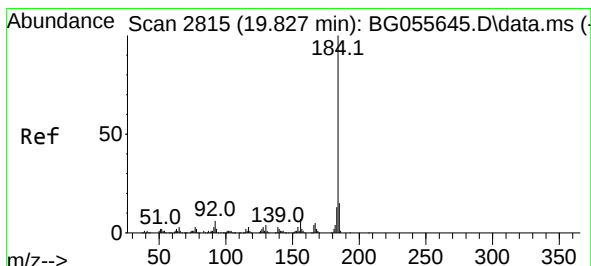
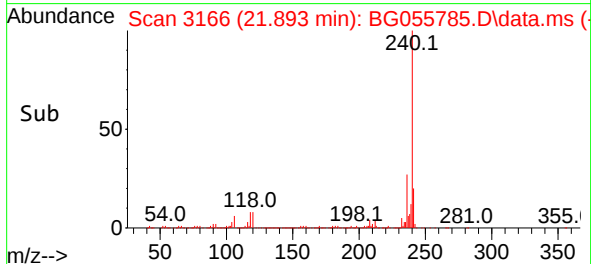
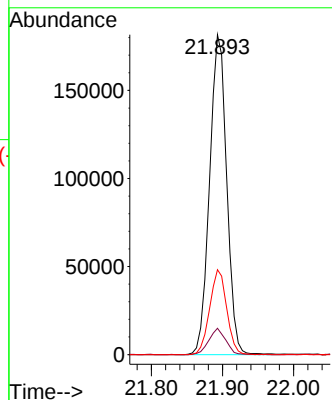
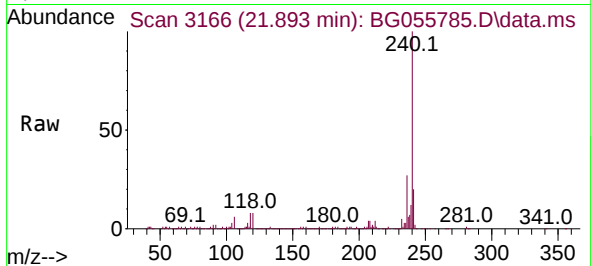




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3171
Delta R.T. -0.009 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

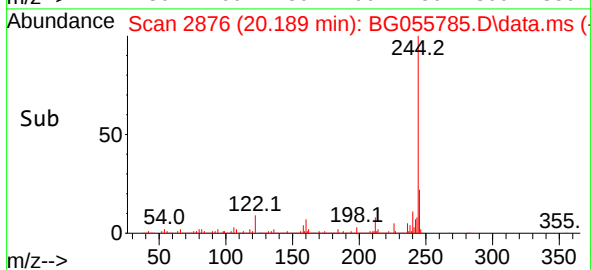
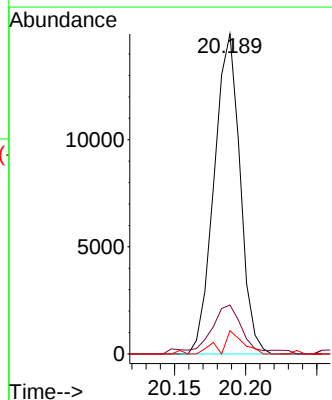
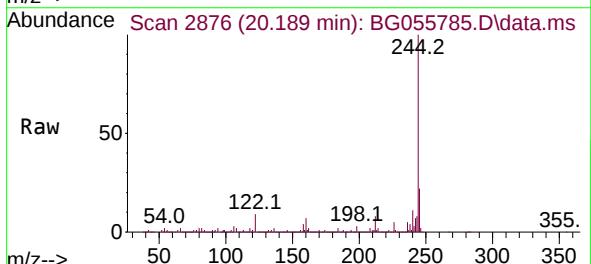
Instrument :
BNA_G
ClientSampleId :

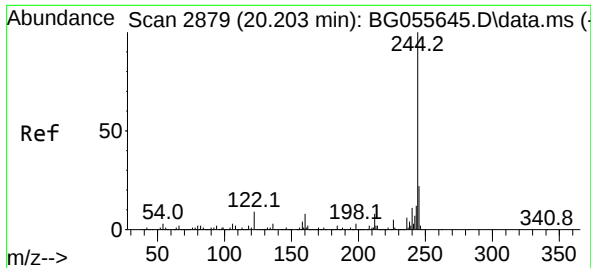
Tgt Ion:240 Resp: 303001
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.5 21.9 32.9



#77
Benzidine
Concen: 2.699 ng
RT: 20.189 min Scan# 2876
Delta R.T. 0.373 min
Lab File: BG055785.D
Acq: 25 Nov 2022 17:58

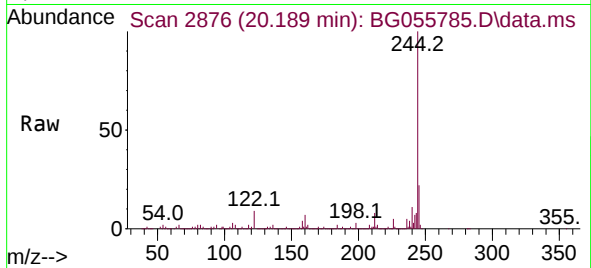
Tgt Ion:184 Resp: 18921
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 7.2 10.6 15.8#



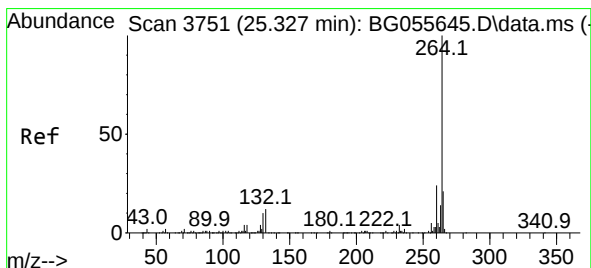
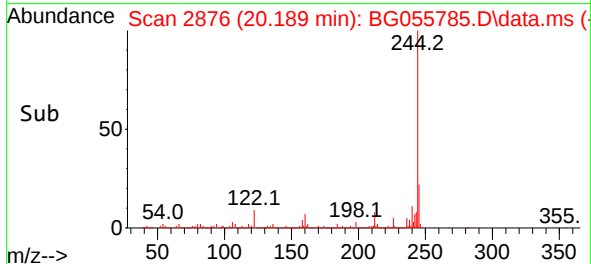
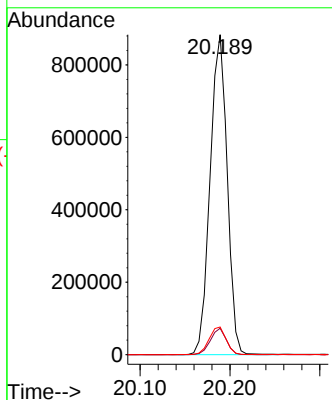


#79
 Terphenyl-d14
 Concen: 77.548 ng
 RT: 20.189 min Scan# 2879
 Delta R.T. -0.003 min
 Lab File: BG055785.D
 Acq: 25 Nov 2022 17:58

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 1174788
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 8.6 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.295 min Scan# 3745
 Delta R.T. -0.009 min
 Lab File: BG055785.D
 Acq: 25 Nov 2022 17:58

Tgt Ion:264 Resp: 313557
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 22.5 17.1 25.7

