

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055796.D
 Acq On : 26 Nov 2022 1:33
 Operator : CG/JU
 Sample : N5780-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 02:05:27 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)

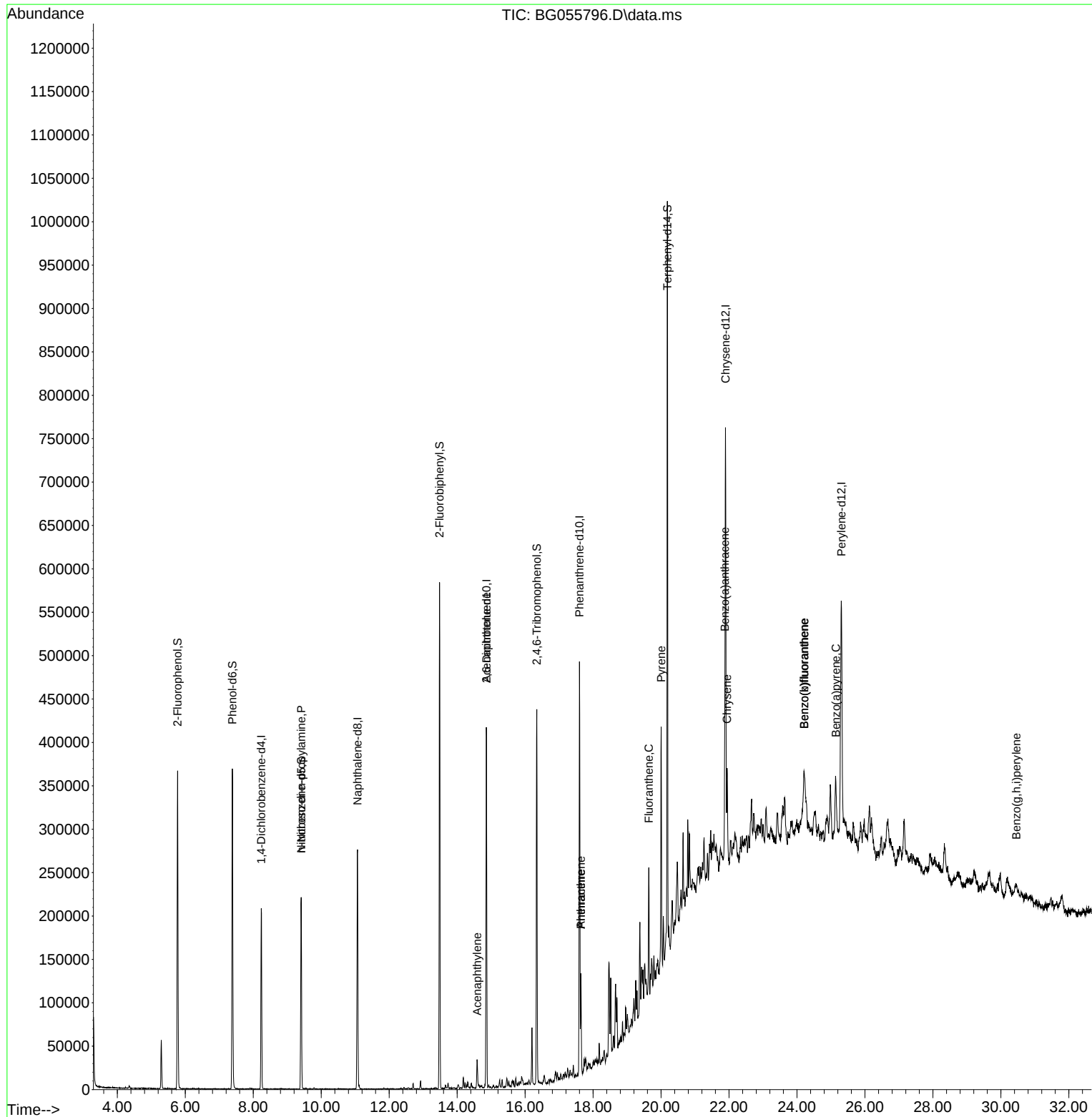
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	61029	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	242846	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	153067	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	312576	20.000	ng	0.00
76) Chrysene-d12	21.895	240	291095	20.000	ng	0.00
86) Perylene-d12	25.302	264	311342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.772	112	169332	50.152	ng	0.00
7) Phenol-d6	7.382	99	216312	48.128	ng	0.00
23) Nitrobenzene-d5	9.409	82	133508	29.058	ng	0.00
42) 2,4,6-Tribromophenol	16.342	330	91802	42.592	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	305839	29.934	ng	0.00
79) Terphenyl-d14	20.185	244	428643	29.452	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.409	70	17622	5.103	ng	# 75
49) Acenaphthylene	14.586	152	30998	2.171	ng	98
51) 2,6-Dinitrotoluene	14.856	165	20290	8.133	ng	# 27
71) Phenanthrene	17.641	178	71050	4.212	ng	99
72) Anthracene	17.641	178	71050	4.335	ng	99
75) Fluoranthene	19.638	202	86342	4.207	ng	99
78) Pyrene	20.003	202	158863	8.063	ng	99
81) Benzo(a)anthracene	21.877	228	74609	3.721	ng	# 92
83) Chrysene	21.942	228	87386	4.578	ng	95
88) Benzo(b)fluoranthene	24.215	252	102533	5.057	ng	# 59
89) Benzo(k)fluoranthene	24.215	252	101993	5.046	ng	# 59
90) Benzo(a)pyrene	25.144	252	76173	4.378	ng	# 91
92) Benzo(g,h,i)perylene	30.455	276	44756	2.131	ng	# 90

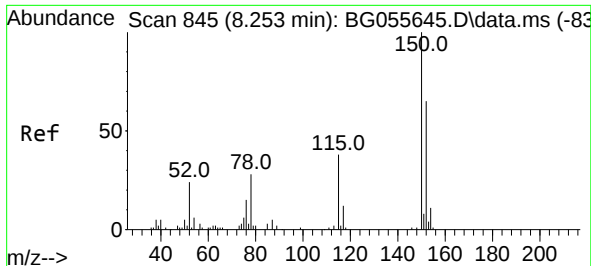
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 26 02:05:27 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

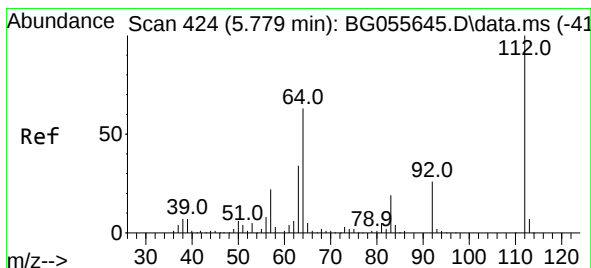
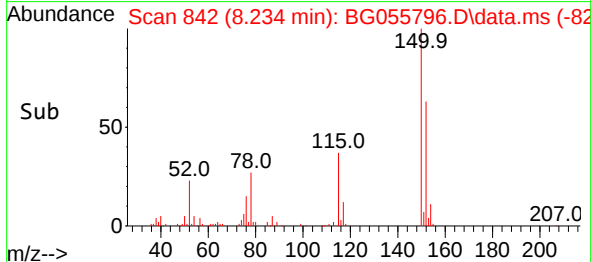
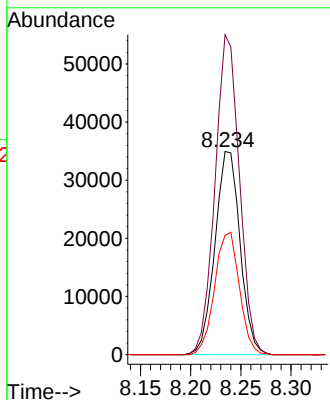
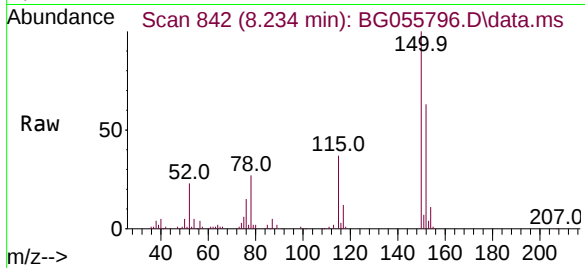




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

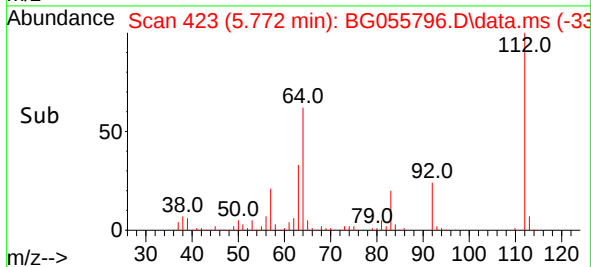
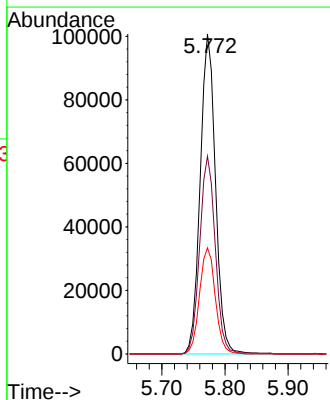
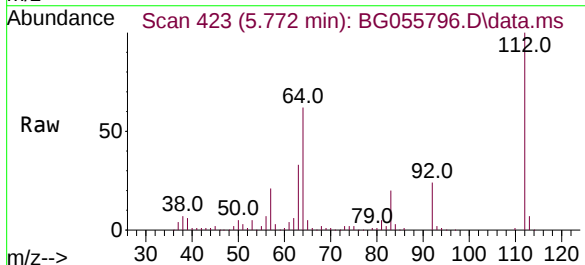
Instrument :
BNA_G
ClientSampleId :

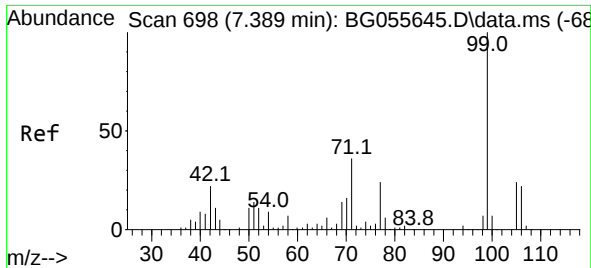
Tgt Ion:152 Resp: 61029
Ion Ratio Lower Upper
152 100
150 157.6 123.0 184.6
115 58.8 47.0 70.4



#5
2-Fluorophenol
Concen: 50.152 ng
RT: 5.772 min Scan# 423
Delta R.T. 0.005 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Tgt Ion:112 Resp: 169332
Ion Ratio Lower Upper
112 100
64 61.8 50.6 76.0
63 33.1 27.5 41.3

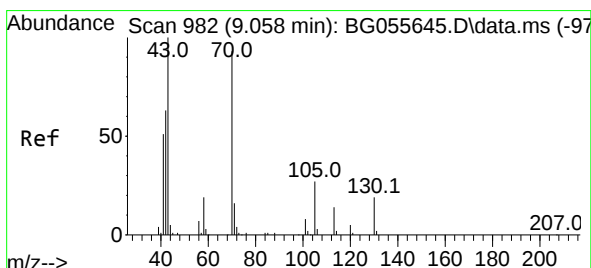
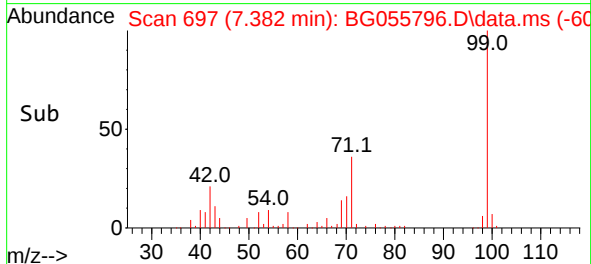
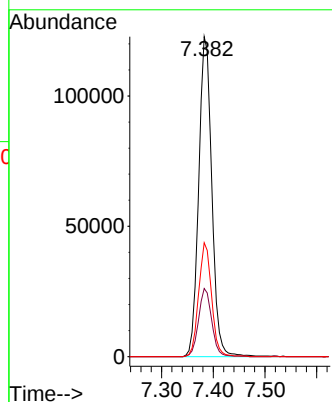
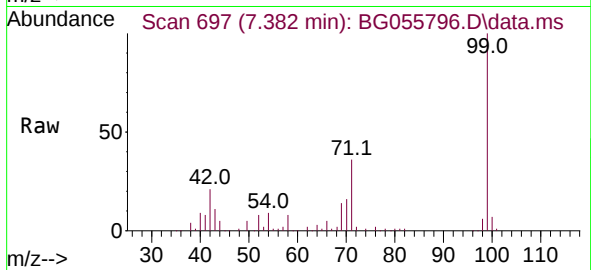




#7
Phenol-d6
Concen: 48.128 ng
RT: 7.382 min Scan# 69
Delta R.T. -0.001 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

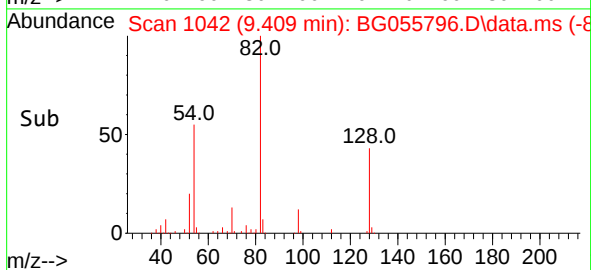
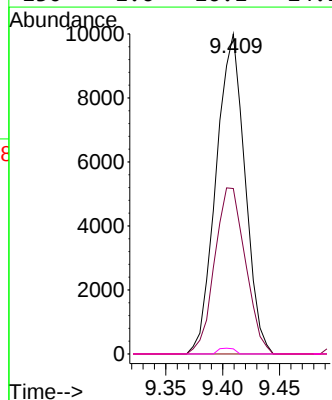
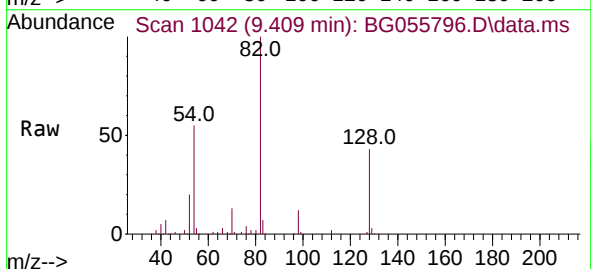
Instrument :
BNA_G
ClientSampleId :

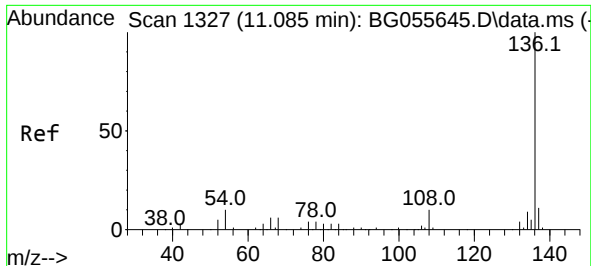
Tgt Ion: 99 Resp: 216312
Ion Ratio Lower Upper
99 100
42 21.3 18.0 27.0
71 35.6 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.103 ng
RT: 9.409 min Scan# 1042
Delta R.T. 0.363 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

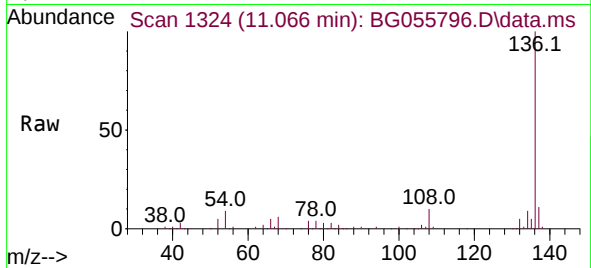
Tgt Ion: 70 Resp: 17622
Ion Ratio Lower Upper
70 100
42 51.7 55.2 82.8#
101 0.0 7.1 10.7#
130 1.6 16.1 24.1#



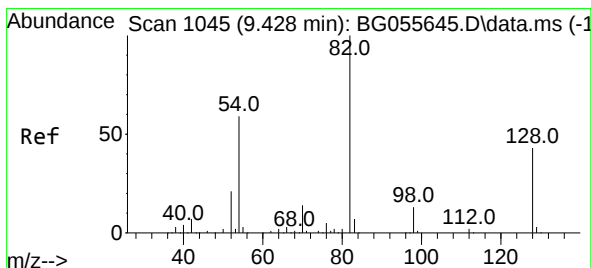
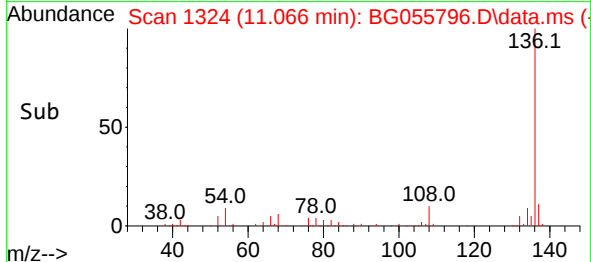
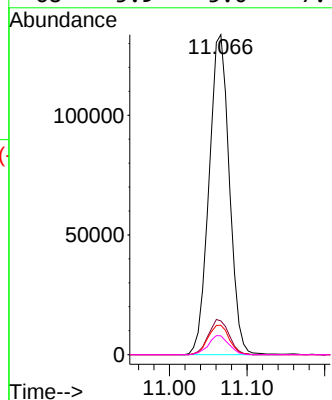


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1324
Delta R.T. -0.001 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Instrument :
BNA_G
ClientSampleId :

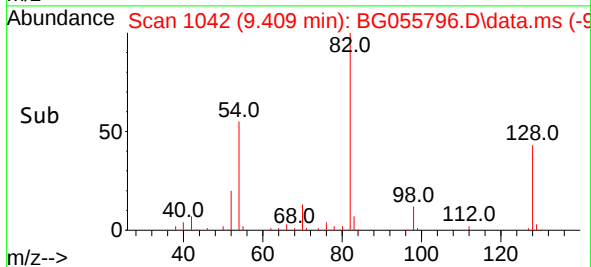
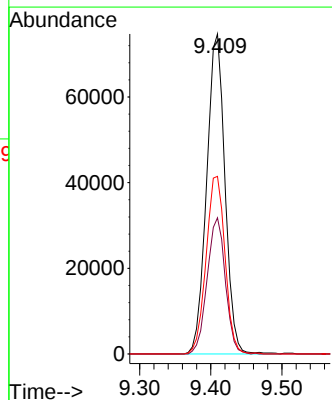
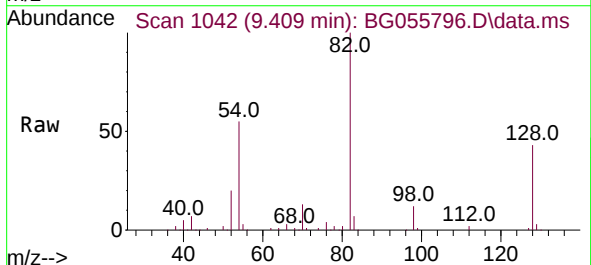


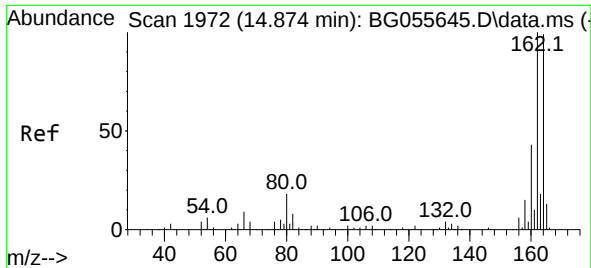
Tgt Ion:136 Resp: 242846
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.2 7.8 11.6
68 5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 29.058 ng
RT: 9.409 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

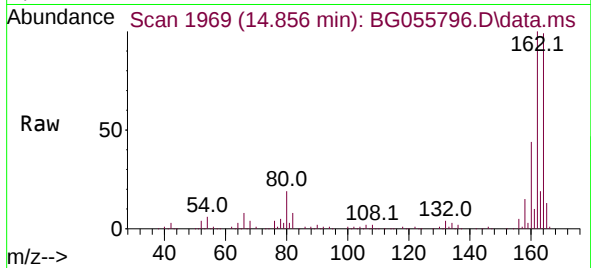
Tgt Ion: 82 Resp: 133508
Ion Ratio Lower Upper
82 100
128 42.5 34.1 51.1
54 55.5 47.3 70.9



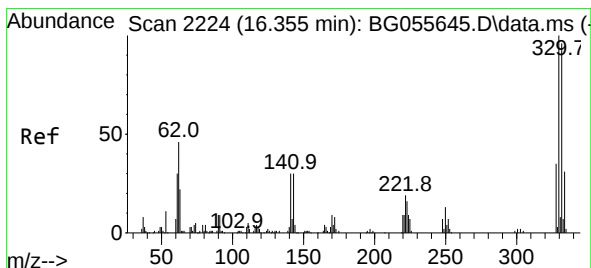
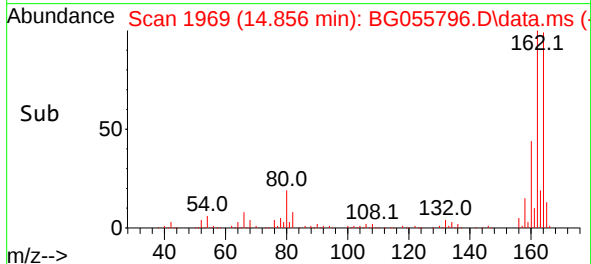
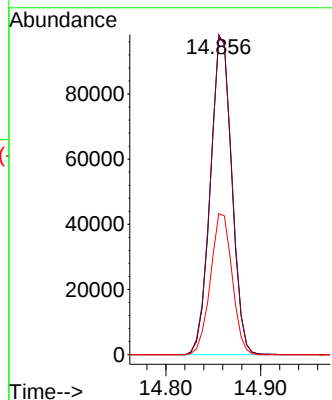


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.856 min Scan# 1972
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Instrument :
BNA_G
ClientSampleId :

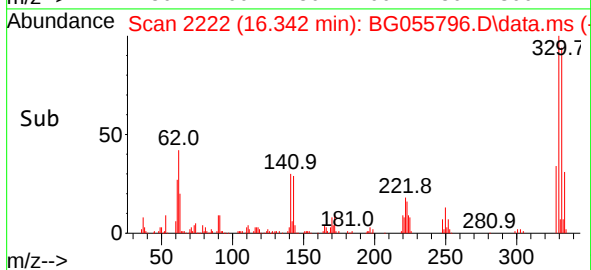
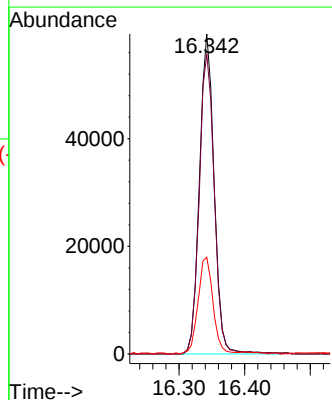
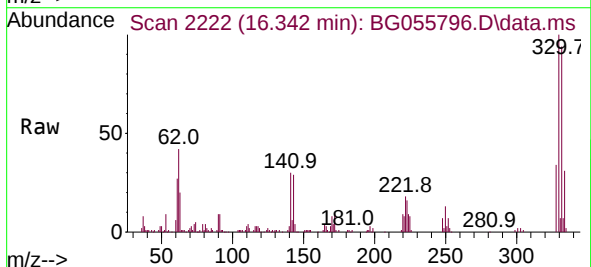


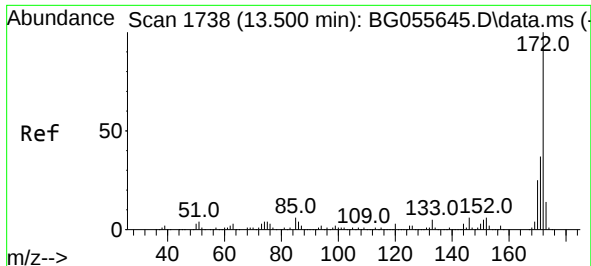
Tgt Ion:164 Resp: 153067
Ion Ratio Lower Upper
164 100
162 100.9 81.1 121.7
160 44.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 42.592 ng
RT: 16.342 min Scan# 2222
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

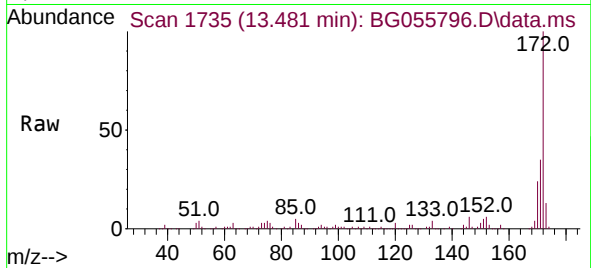
Tgt Ion:330 Resp: 91802
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.8
141 30.9 23.9 35.9



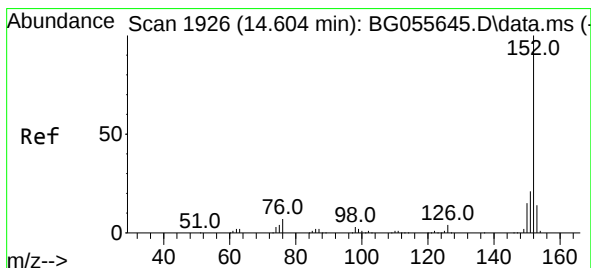
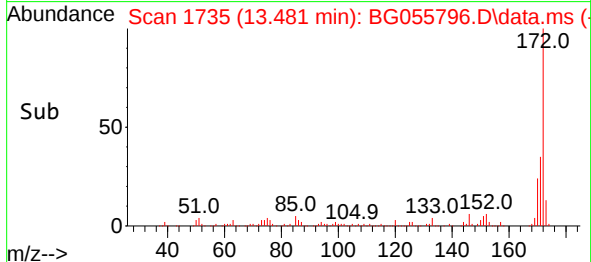
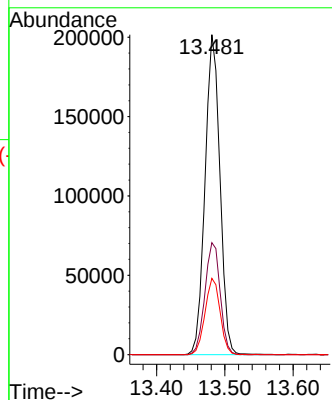


#45
2-Fluorobiphenyl
Concen: 29.934 ng
RT: 13.481 min Scan# 1735
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Instrument :
BNA_G
ClientSampleId :

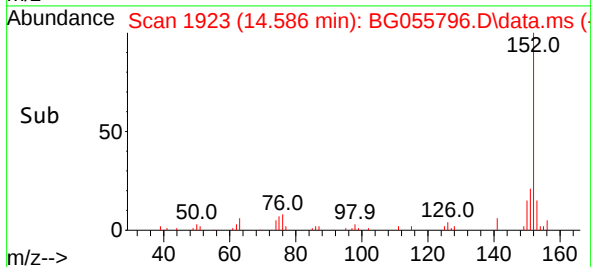
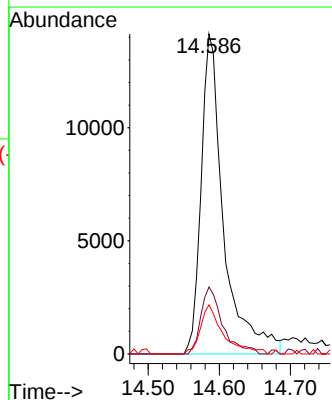
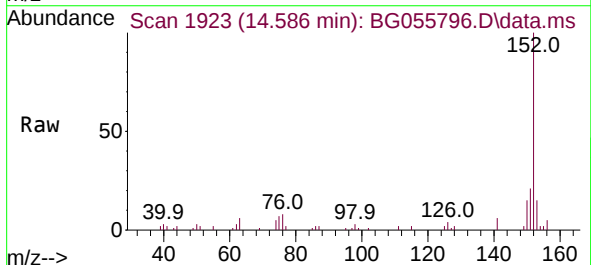


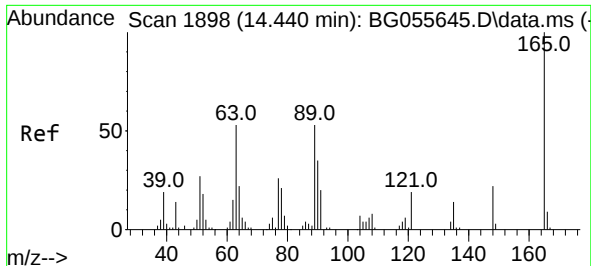
Tgt Ion:172 Resp: 305839
Ion Ratio Lower Upper
172 100
171 35.0 29.8 44.6
170 23.8 20.2 30.4



#49
Acenaphthylene
Concen: 2.171 ng
RT: 14.586 min Scan# 1923
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

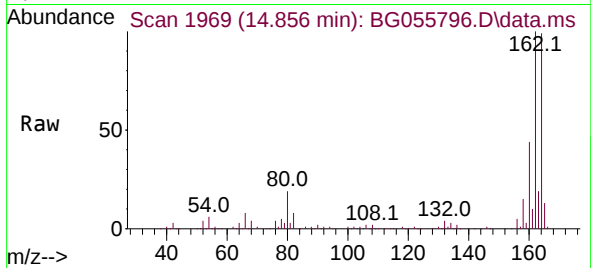
Tgt Ion:152 Resp: 30998
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 15.3 11.0 16.4



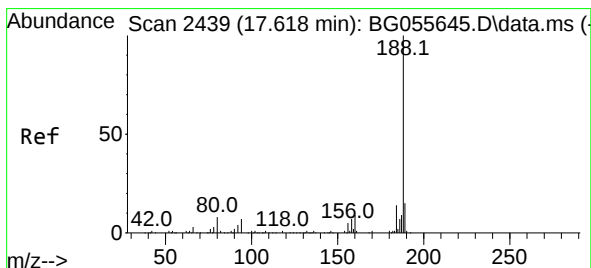
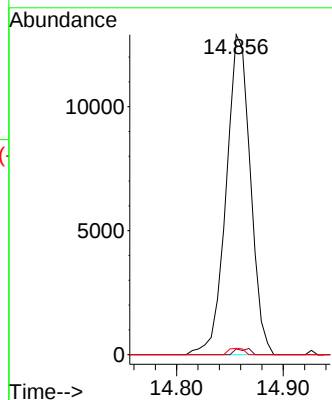
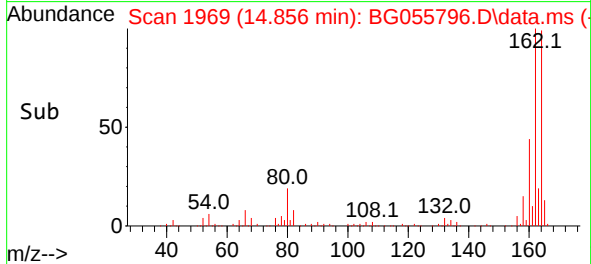


#51
2,6-Dinitrotoluene
Concen: 8.133 ng
RT: 14.856 min Scan# 1969
Delta R.T. 0.422 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

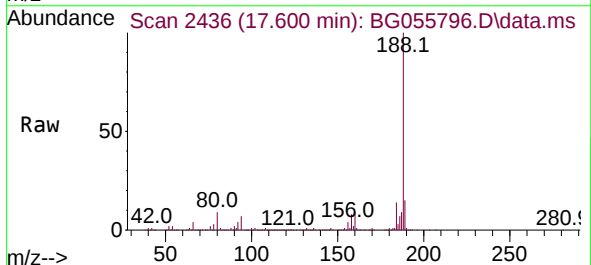
Instrument :
BNA_G
ClientSampleId :



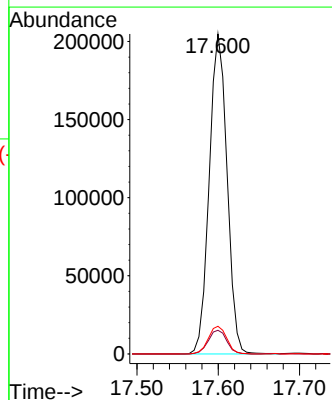
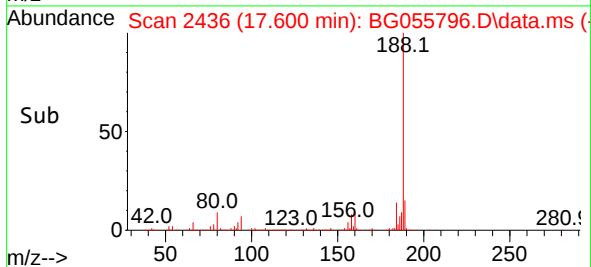
Tgt Ion:165 Resp: 20290
Ion Ratio Lower Upper
165 100
63 1.8 44.6 66.8#
89 2.0 42.2 63.4#

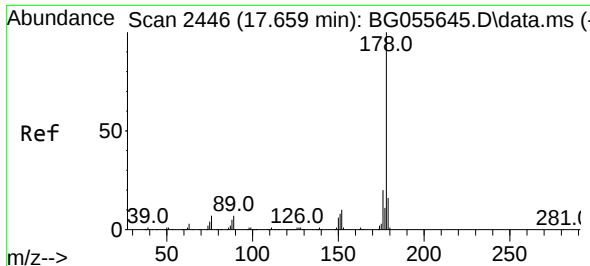


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33



Tgt Ion:188 Resp: 312576
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.2
80 8.6 6.6 10.0

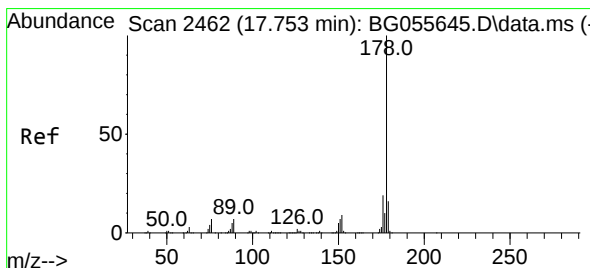
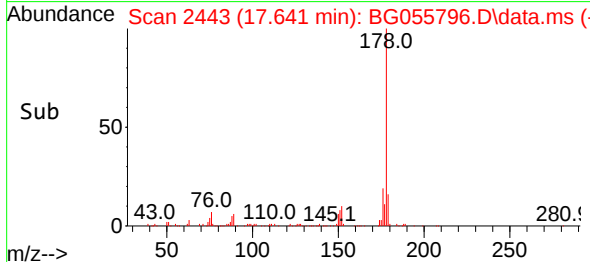
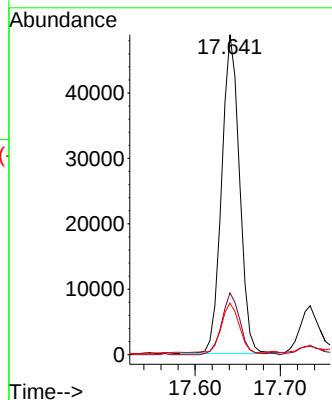
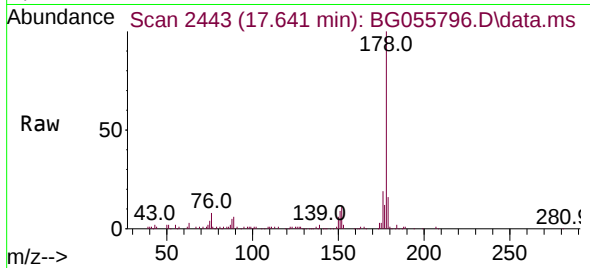




#71
Phenanthrene
Concen: 4.212 ng
RT: 17.641 min Scan# 2443
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

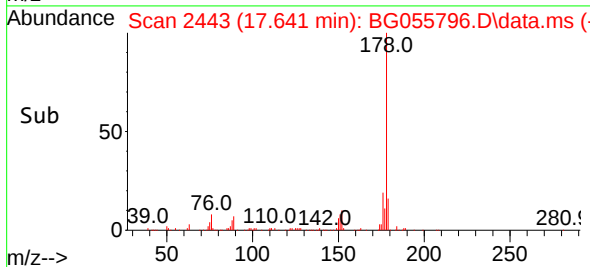
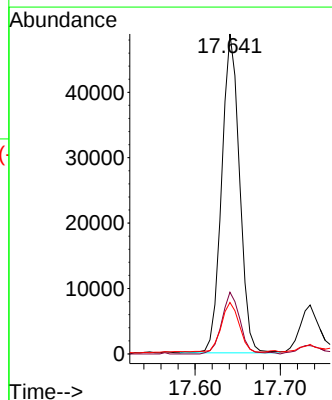
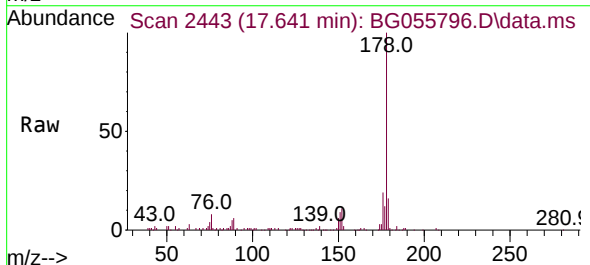
Instrument :
BNA_G
ClientSampleId :

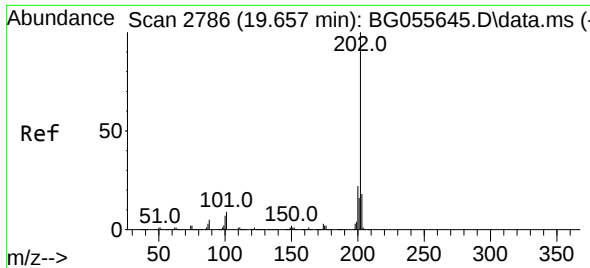
Tgt Ion:178 Resp: 71050
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.1 12.7 19.1



#72
Anthracene
Concen: 4.335 ng
RT: 17.641 min Scan# 2443
Delta R.T. -0.101 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

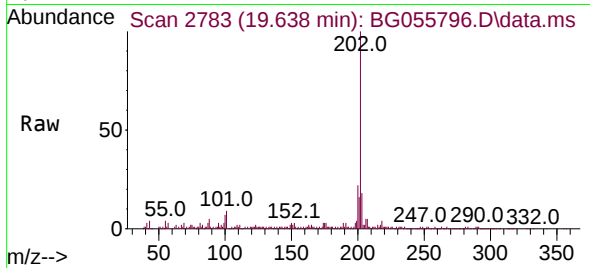
Tgt Ion:178 Resp: 71050
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 16.1 12.5 18.7



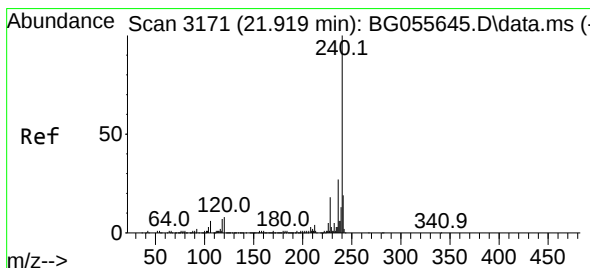
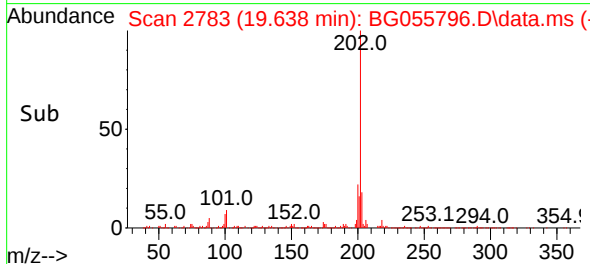
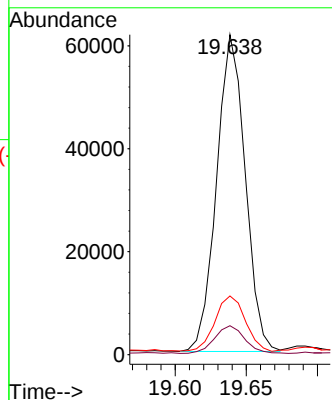


#75
Fluoranthene
Concen: 4.207 ng
RT: 19.638 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Instrument :
BNA_G
ClientSampleId :

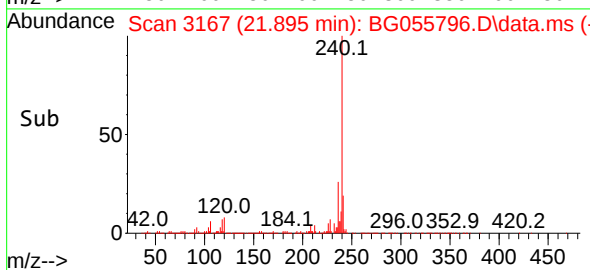
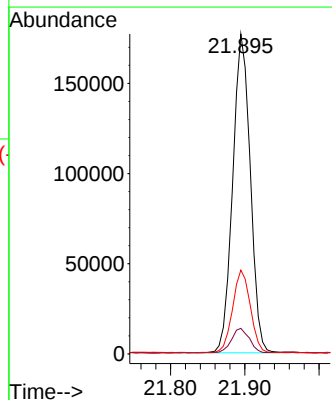
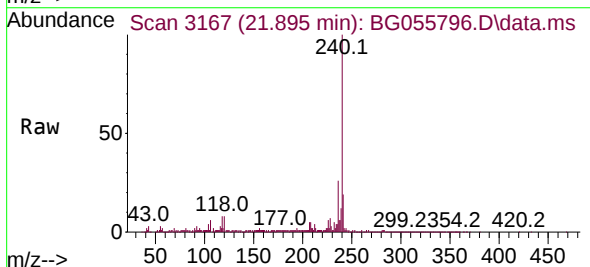


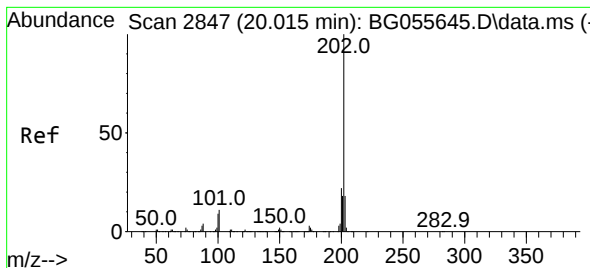
Tgt Ion:202 Resp: 86342
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 18.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Tgt Ion:240 Resp: 291095
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.2 21.9 32.9





#78

Pyrene

Concen: 8.063 ng

RT: 20.003 min Scan# 2845

Delta R.T. -0.007 min

Lab File: BG055796.D

Acq: 26 Nov 2022 1:33

Instrument :

BNA_G

ClientSampleId :

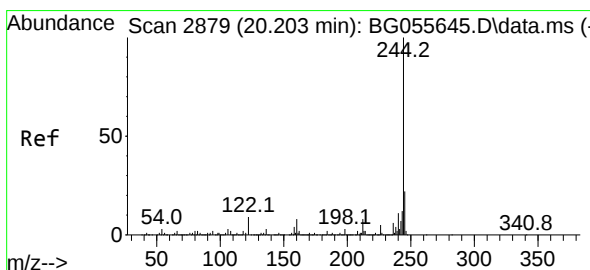
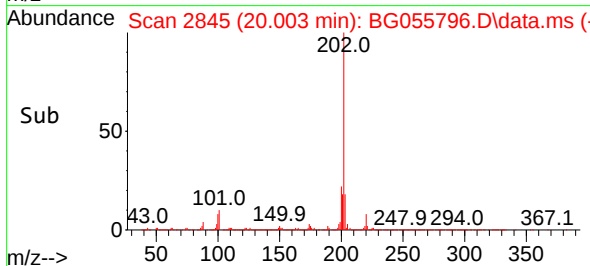
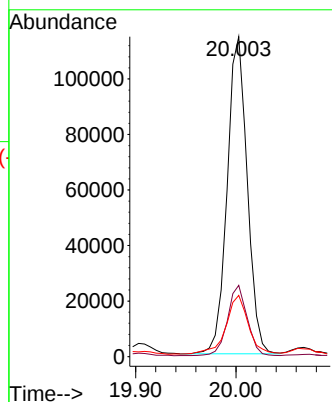
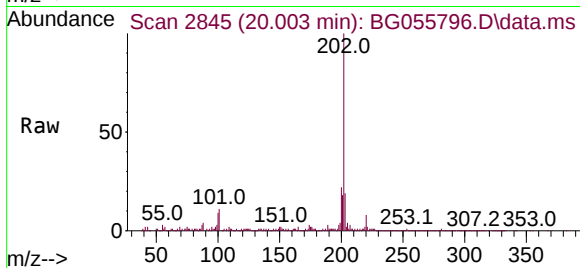
Tgt Ion:202 Resp: 158863

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

203 19.1 14.4 21.6



#79

Terphenyl-d14

Concen: 29.452 ng

RT: 20.185 min Scan# 2876

Delta R.T. -0.007 min

Lab File: BG055796.D

Acq: 26 Nov 2022 1:33

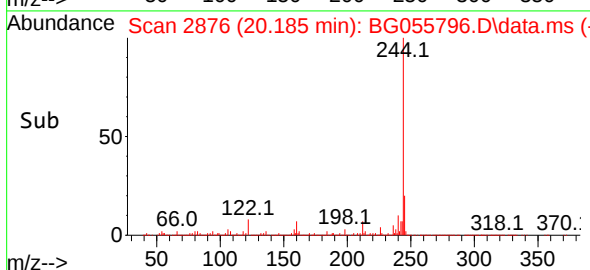
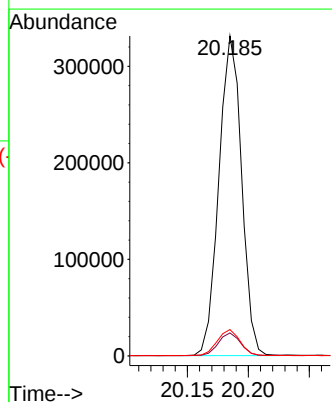
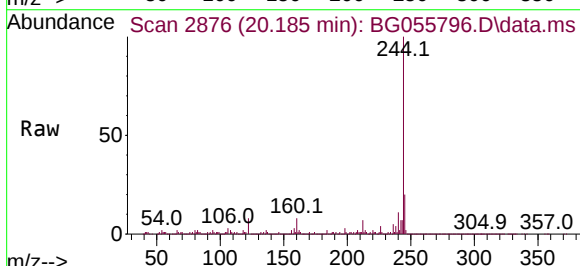
Tgt Ion:244 Resp: 428643

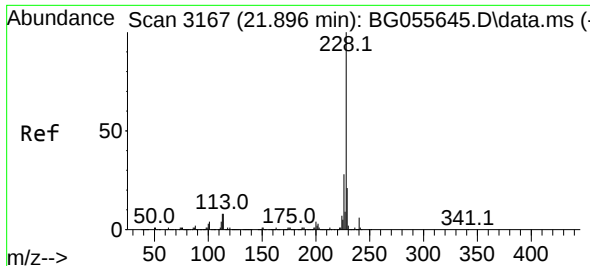
Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

122 8.2 6.9 10.3

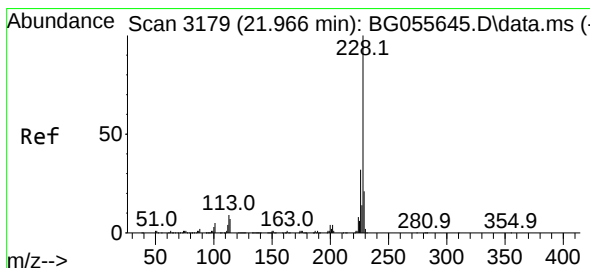
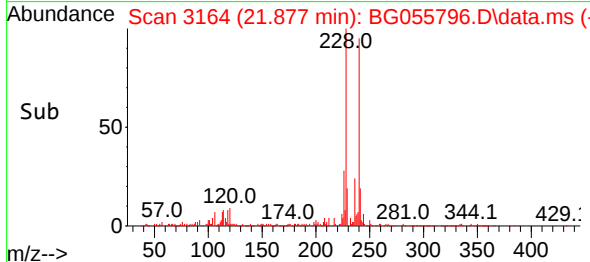
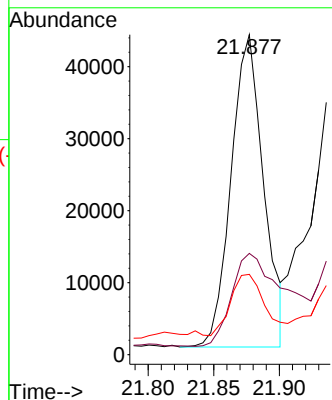
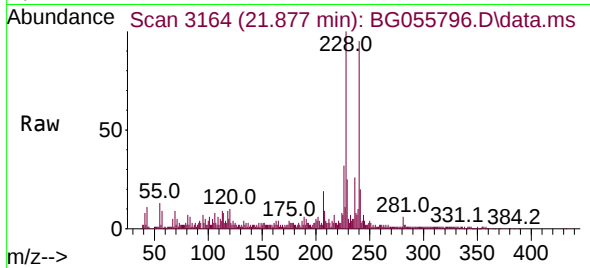




#81
Benzo(a)anthracene
Concen: 3.721 ng
RT: 21.877 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

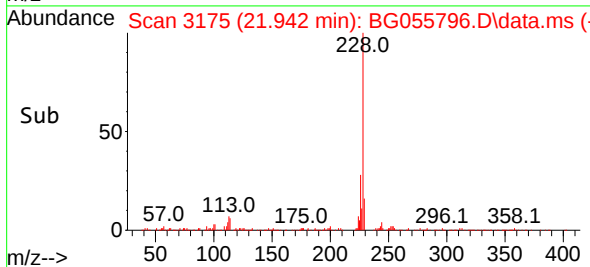
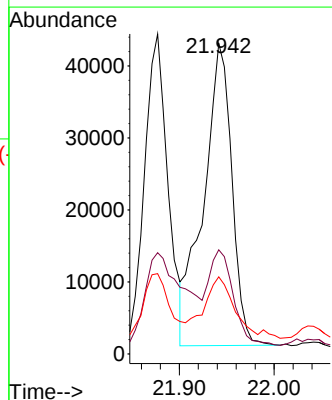
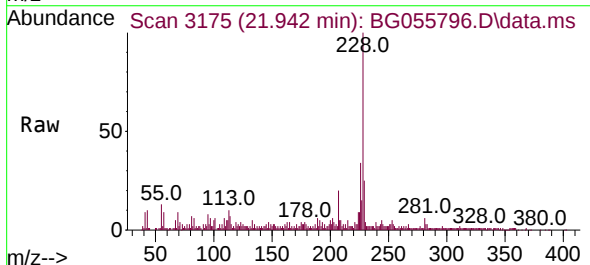
Instrument :
BNA_G
ClientSampleId :

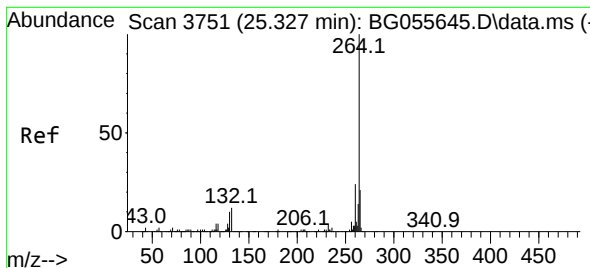
Tgt Ion:228 Resp: 74609
Ion Ratio Lower Upper
228 100
226 31.6 22.7 34.1
229 25.1 16.5 24.7#



#83
Chrysene
Concen: 4.578 ng
RT: 21.942 min Scan# 3175
Delta R.T. -0.013 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Tgt Ion:228 Resp: 87386
Ion Ratio Lower Upper
228 100
226 33.5 25.4 38.2
229 24.8 17.1 25.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.302 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG055796.D

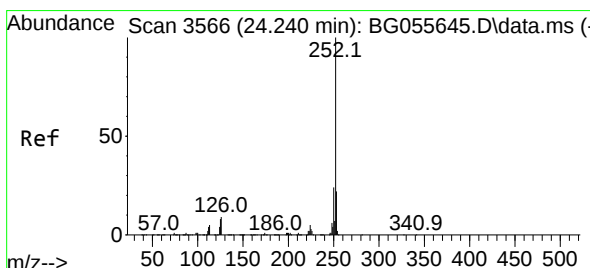
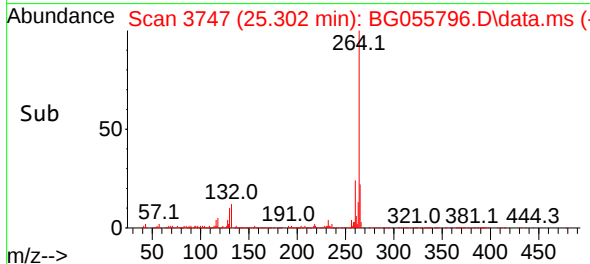
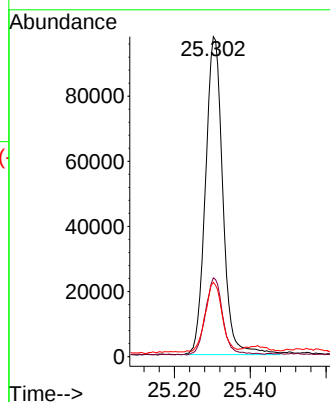
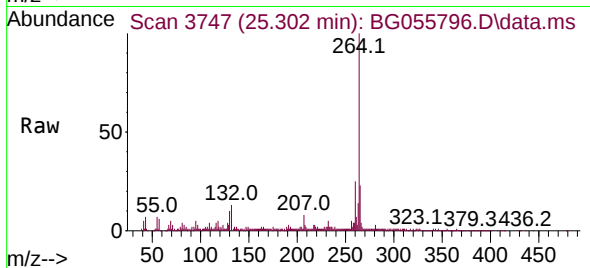
Acq: 26 Nov 2022 1:33

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:264	Resp:	311342
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.5 29.3
265	23.2	17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 5.057 ng

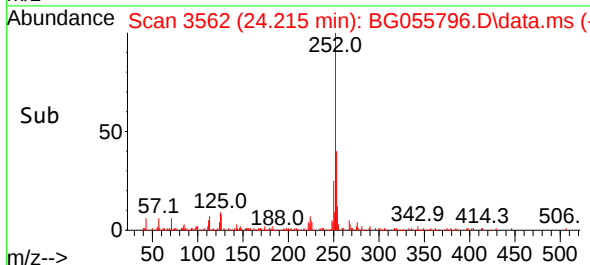
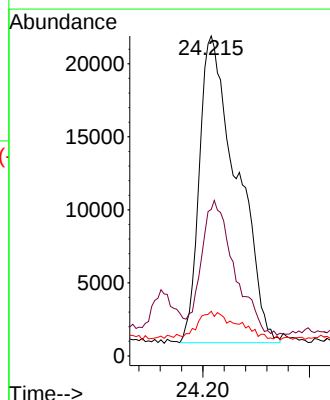
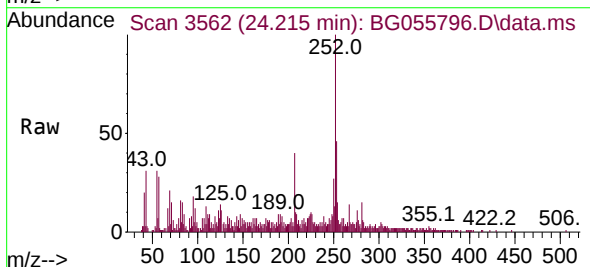
RT: 24.215 min Scan# 3562

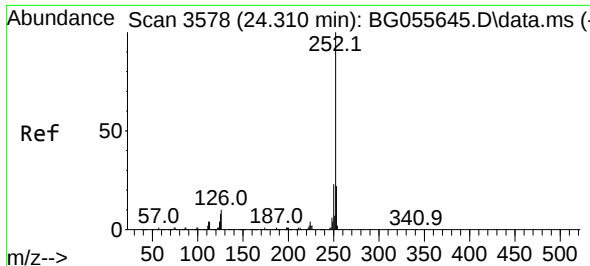
Delta R.T. -0.001 min

Lab File: BG055796.D

Acq: 26 Nov 2022 1:33

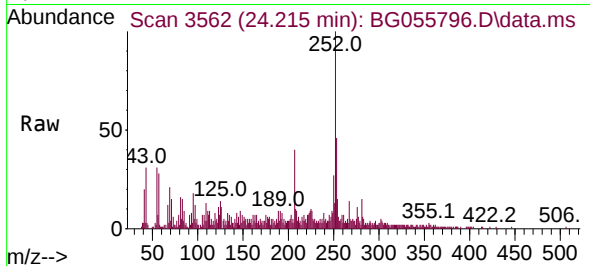
Tgt Ion:252	Resp:	102533
Ion Ratio	Lower	Upper
252	100	
253	45.8	18.0 27.0#
125	13.9	6.2 9.2#



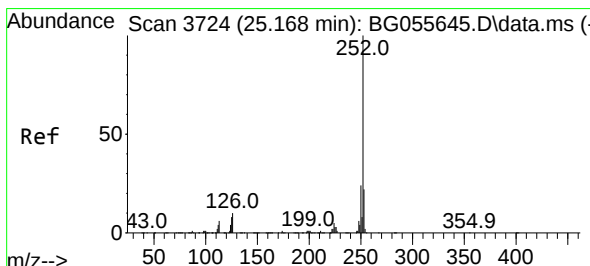
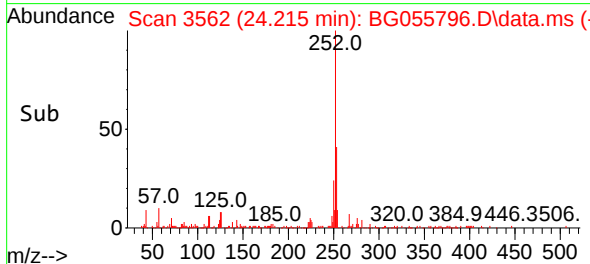
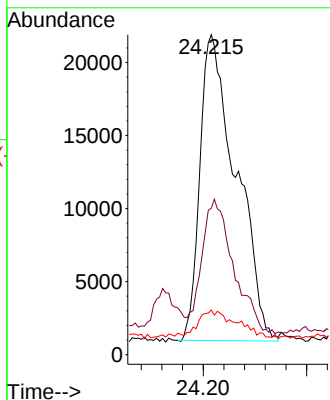


#89
Benzo(k)fluoranthene
Concen: 5.046 ng
RT: 24.215 min Scan# 31
Delta R.T. -0.078 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Instrument :
BNA_G
ClientSampleId :

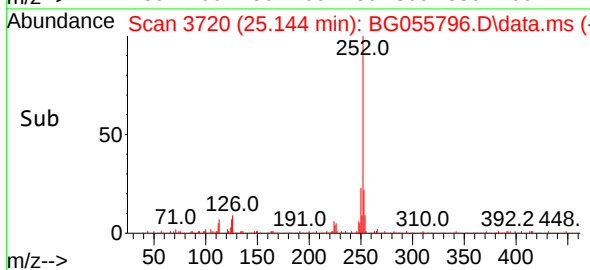
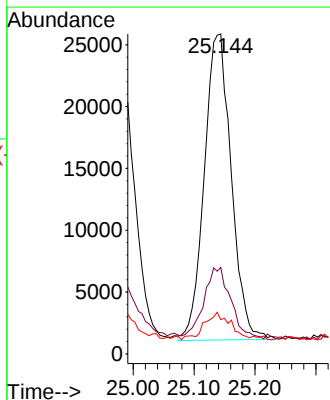
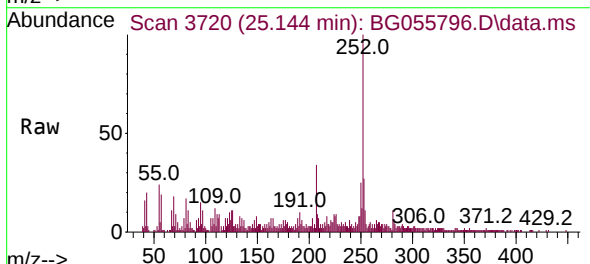


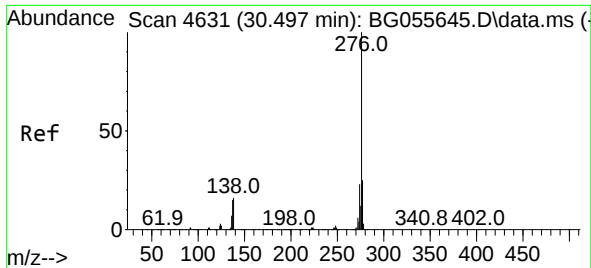
Tgt Ion:252 Resp: 101993
Ion Ratio Lower Upper
252 100
253 45.8 17.8 26.6#
125 13.9 6.1 9.1#



#90
Benzo(a)pyrene
Concen: 4.378 ng
RT: 25.144 min Scan# 3720
Delta R.T. -0.001 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

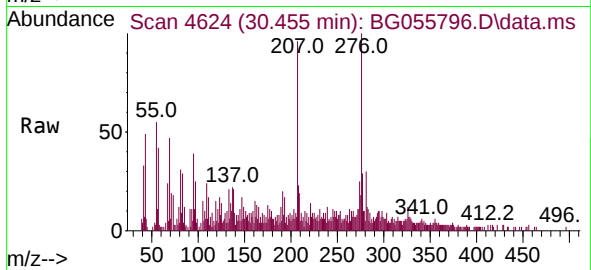
Tgt Ion:252 Resp: 76173
Ion Ratio Lower Upper
252 100
253 27.0 17.8 26.6#
125 10.7 6.4 9.6#





#92
 Benzo(g,h,i)perylene
 Concen: 2.131 ng
 RT: 30.455 min Scan# 4624
 Delta R.T. -0.007 min
 Lab File: BG055796.D
 Acq: 26 Nov 2022 1:33

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	276	Resp:	44756
Ion	Ratio	Lower	Upper
276	100		
277	29.5	19.8	29.6
138	20.9	13.1	19.7#

