

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055795.D
 Acq On : 26 Nov 2022 00:51
 Operator : CG/JU
 Sample : N5779-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 01:24:46 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)

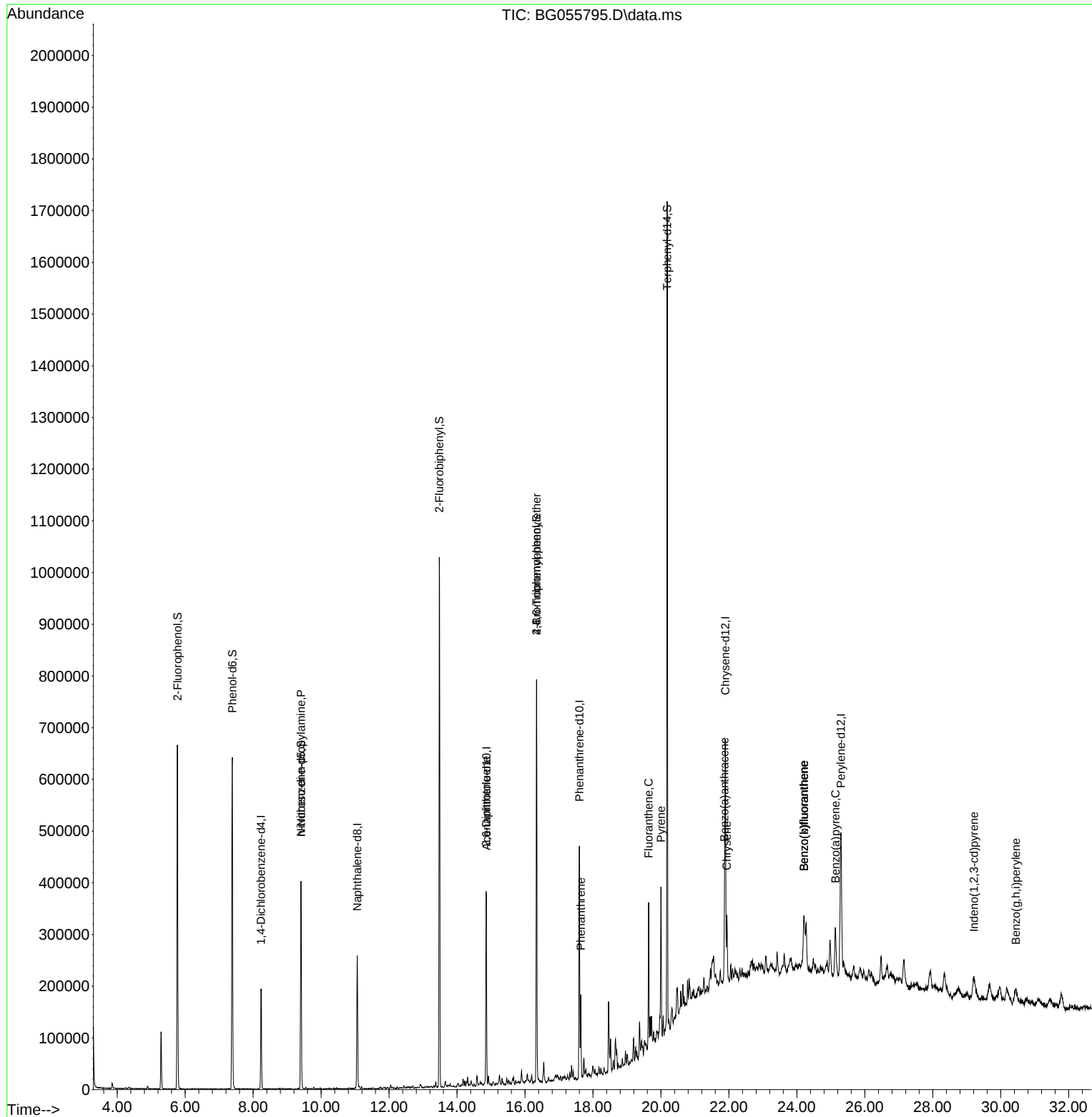
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	57015	20.000	ng	0.00
21) Naphthalene-d8	11.064	136	221620	20.000	ng	0.00
39) Acenaphthene-d10	14.860	164	138850	20.000	ng	0.00
64) Phenanthrene-d10	17.598	188	290205	20.000	ng	0.00
76) Chrysene-d12	21.892	240	276315	20.000	ng	0.00
86) Perylene-d12	25.294	264	292957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.770	112	297577	94.339	ng	0.00
7) Phenol-d6	7.386	99	376326	89.625	ng	0.00
23) Nitrobenzene-d5	9.407	82	239203	57.048	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	160231	81.952	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	549683	59.308	ng	0.00
79) Terphenyl-d14	20.183	244	802405	58.083	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.407	70	32311	10.015	ng	# 79
51) 2,6-Dinitrotoluene	14.854	165	18695	8.261	ng	# 26
67) 4-Bromophenyl-phenylether	16.340	248	10915	3.301	ng	# 1
71) Phenanthrene	17.639	178	100734	6.432	ng	98
75) Fluoranthene	19.636	202	173956	9.130	ng	99
78) Pyrene	20.001	202	181709	9.715	ng	99
81) Benzo(a)anthracene	21.869	228	99886	5.248	ng	98
83) Chrysene	21.939	228	100165	5.529	ng	98
87) Indeno(1,2,3-cd)pyrene	29.207	276	71463	2.978	ng	# 93
88) Benzo(b)fluoranthene	24.207	252	139686	7.321	ng	# 93
89) Benzo(k)fluoranthene	24.207	252	139686	7.345	ng	# 92
90) Benzo(a)pyrene	25.130	252	106241	6.489	ng	# 93
92) Benzo(g,h,i)perylene	30.447	276	74831	3.786	ng	92

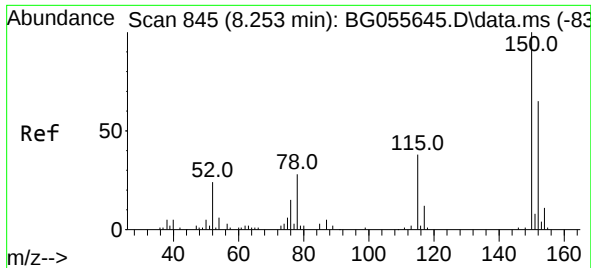
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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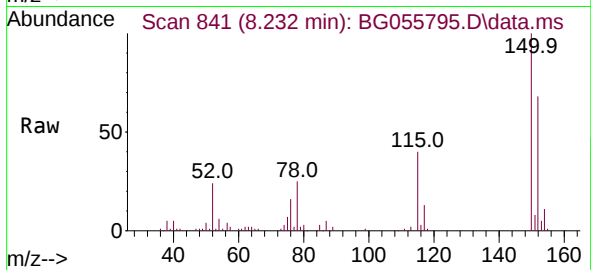
Quant Time: Nov 26 01:24:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
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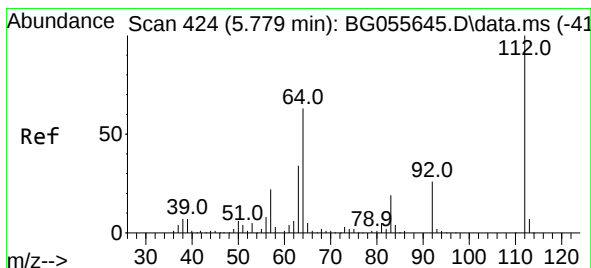
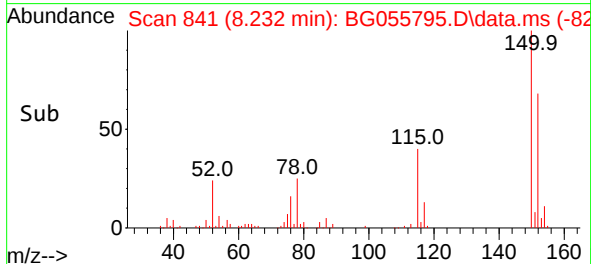
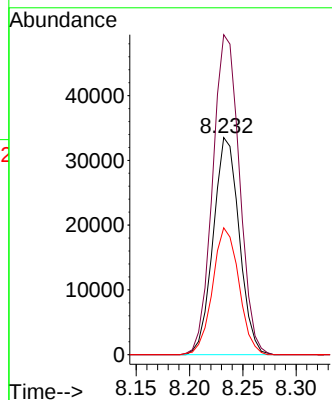


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.232 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

Instrument :
BNA_G
ClientSampleId :

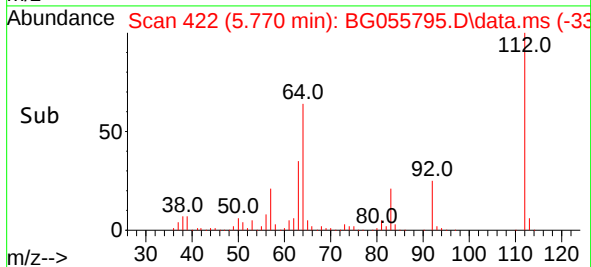
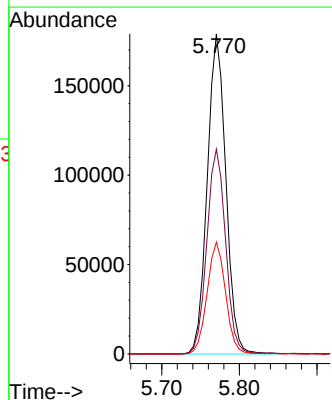
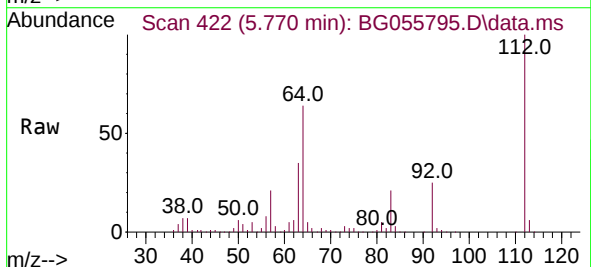


Tgt Ion:152 Resp: 57015
Ion Ratio Lower Upper
152 100
150 147.4 123.0 184.6
115 58.4 47.0 70.4



#5
2-Fluorophenol
Concen: 94.339 ng
RT: 5.770 min Scan# 422
Delta R.T. 0.002 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

Tgt Ion:112 Resp: 297577
Ion Ratio Lower Upper
112 100
64 63.9 50.6 76.0
63 34.9 27.5 41.3

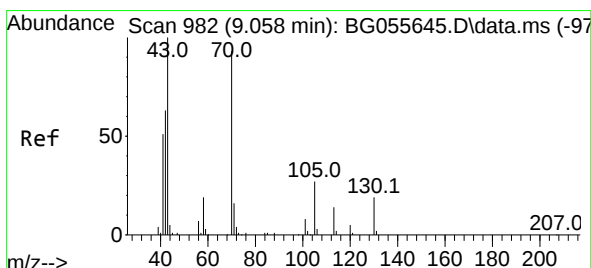
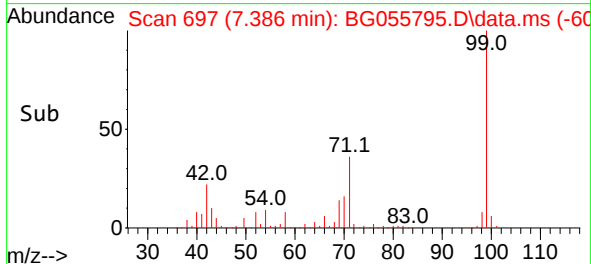
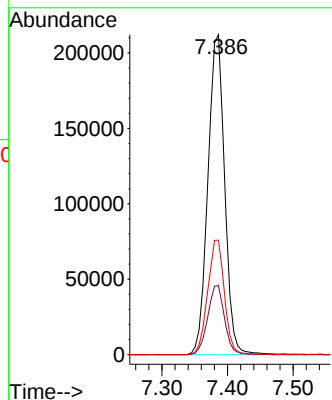
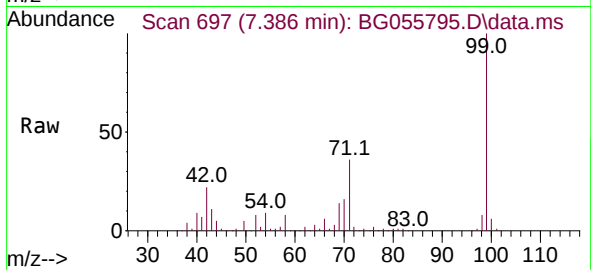




#7
Phenol-d6
Concen: 89.625 ng
RT: 7.386 min Scan# 69
Delta R.T. 0.002 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

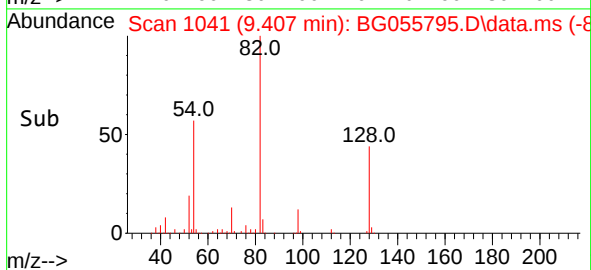
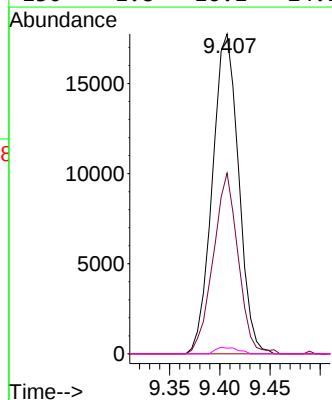
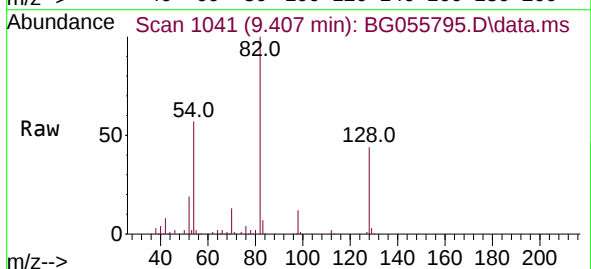
Instrument :
BNA_G
ClientSampleId :

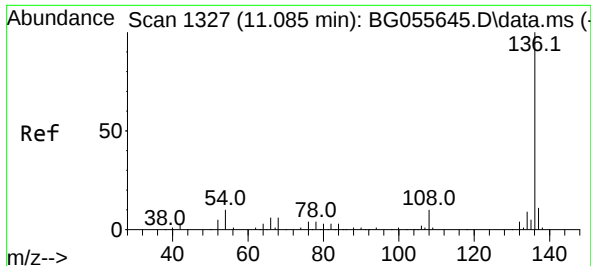
Tgt Ion: 99 Resp: 376326
Ion Ratio Lower Upper
99 100
42 21.6 18.0 27.0
71 35.8 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.015 ng
RT: 9.407 min Scan# 1041
Delta R.T. 0.361 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

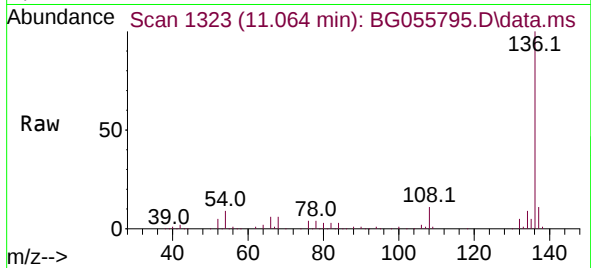
Tgt Ion: 70 Resp: 32311
Ion Ratio Lower Upper
70 100
42 56.5 55.2 82.8
101 0.0 7.1 10.7#
130 1.8 16.1 24.1#



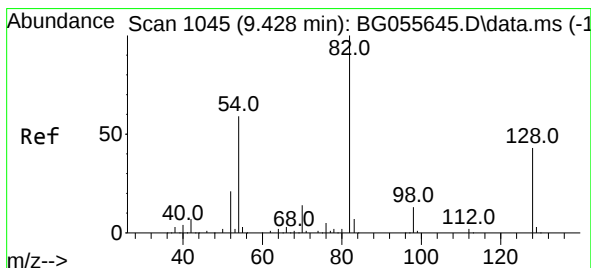
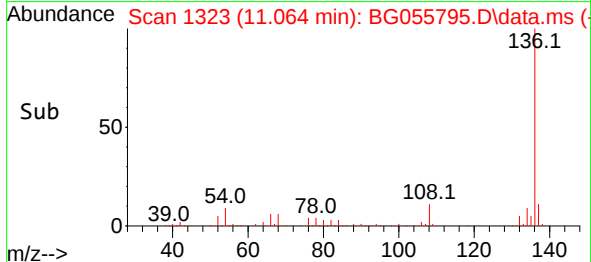
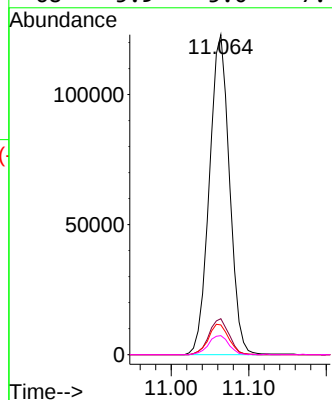


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.064 min Scan# 1327
Delta R.T. -0.004 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

Instrument :
BNA_G
ClientSampleId :

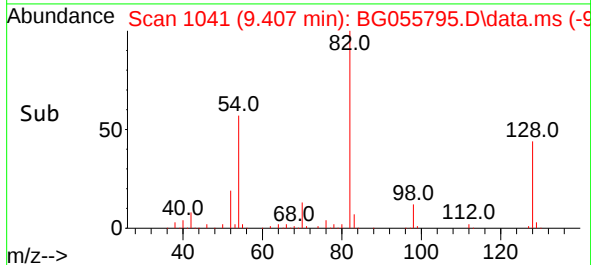
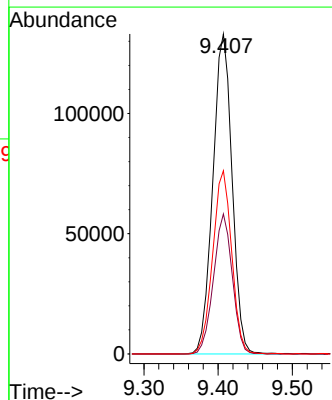
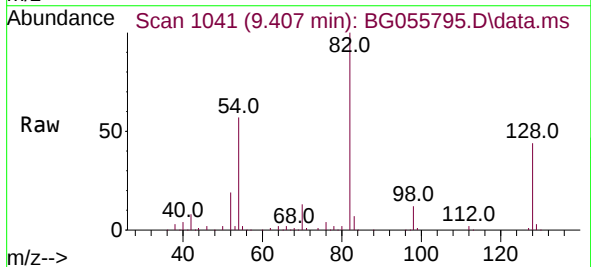


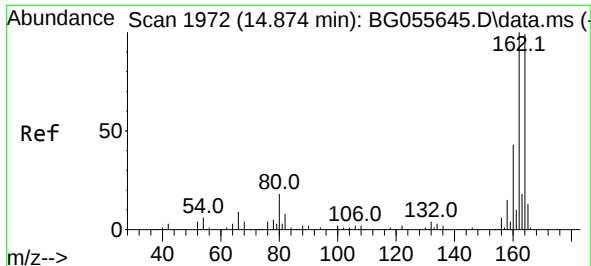
Tgt Ion:136 Resp: 221620
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.3 7.8 11.6
68 5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 57.048 ng
RT: 9.407 min Scan# 1041
Delta R.T. -0.003 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

Tgt Ion: 82 Resp: 239203
Ion Ratio Lower Upper
82 100
128 43.7 34.1 51.1
54 57.2 47.3 70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.860 min Scan# 1972

Delta R.T. -0.003 min

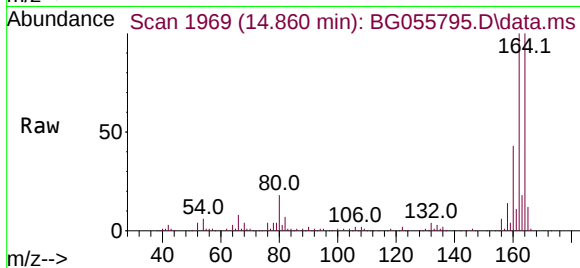
Lab File: BG055795.D

Acq: 26 Nov 2022 00:51

Instrument :

BNA_G

ClientSampleId :



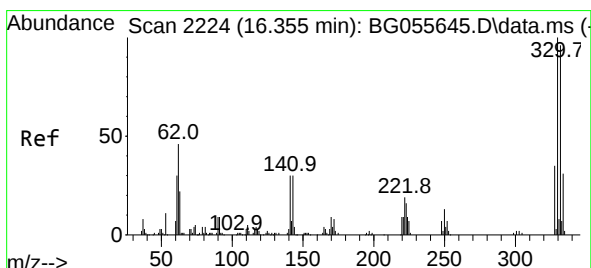
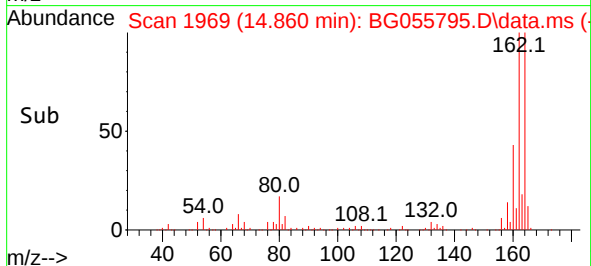
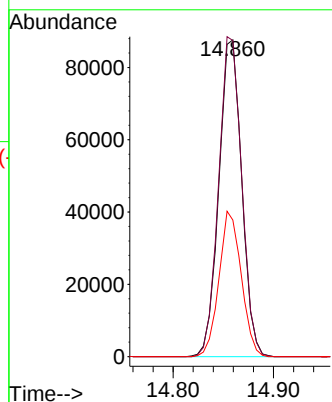
Tgt Ion:164 Resp: 138850

Ion Ratio Lower Upper

164 100

162 99.8 81.1 121.7

160 43.1 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 81.952 ng

RT: 16.340 min Scan# 2221

Delta R.T. -0.009 min

Lab File: BG055795.D

Acq: 26 Nov 2022 00:51

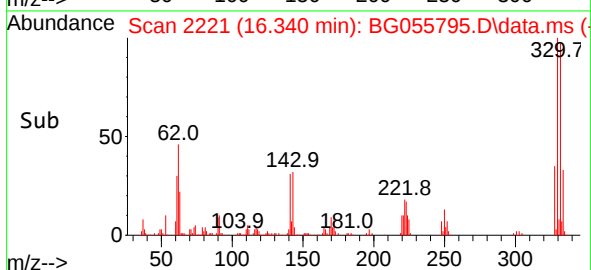
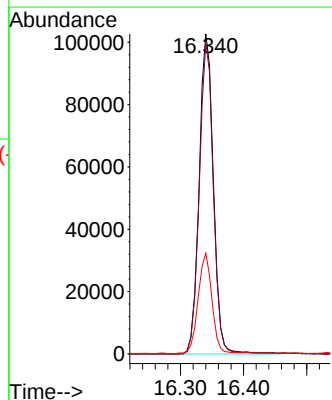
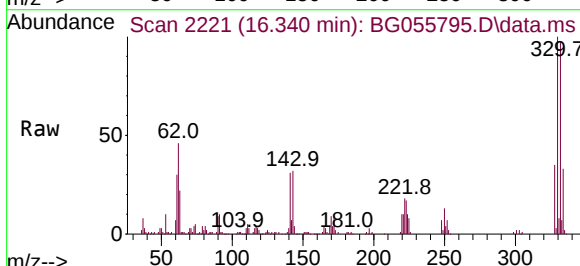
Tgt Ion:330 Resp: 160231

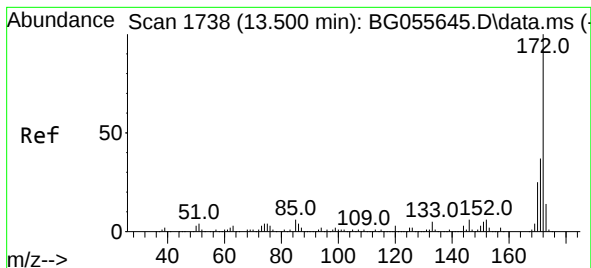
Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.8

141 30.8 23.9 35.9

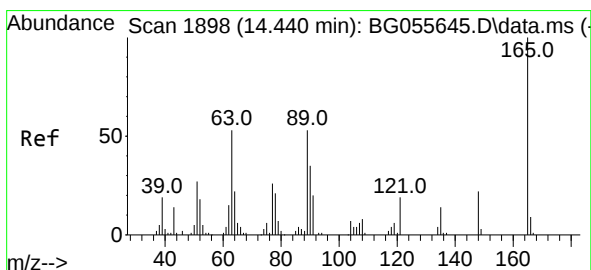
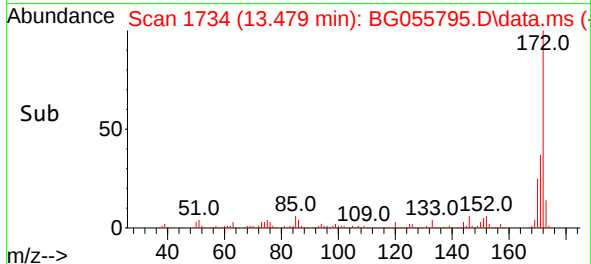
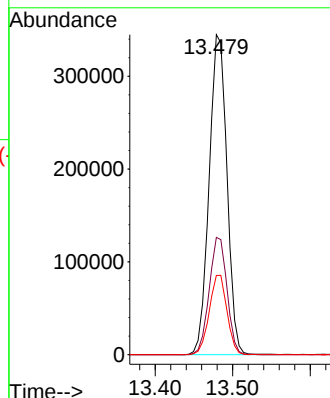
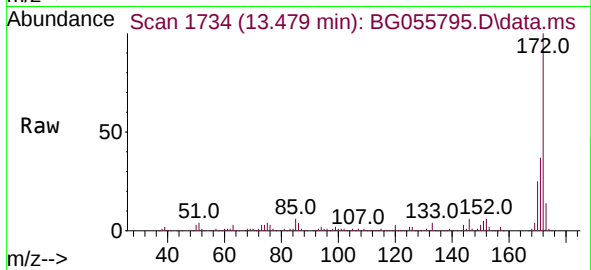




#45
2-Fluorobiphenyl
Concen: 59.308 ng
RT: 13.479 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

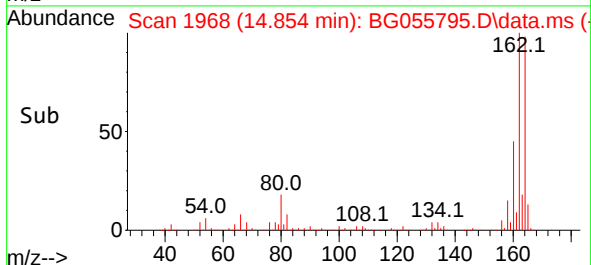
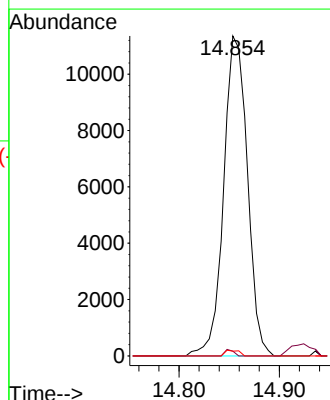
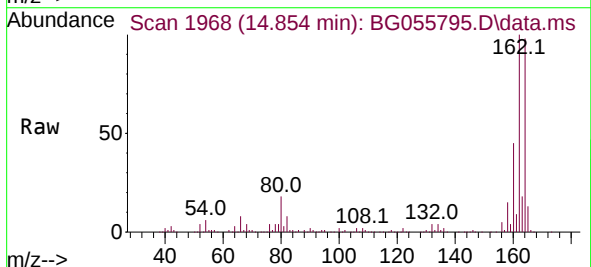
Instrument :
BNA_G
ClientSampleId :

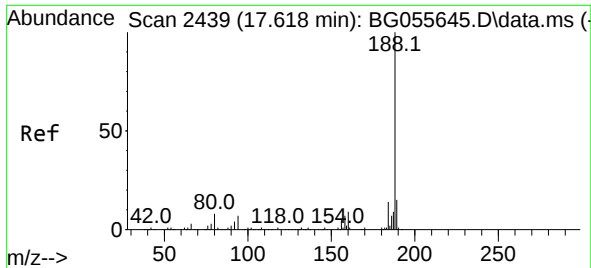
Tgt Ion:172 Resp: 549683
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.261 ng
RT: 14.854 min Scan# 1968
Delta R.T. 0.420 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

Tgt Ion:165 Resp: 18695
Ion Ratio Lower Upper
165 100
63 1.5 44.6 66.8#
89 1.5 42.2 63.4#

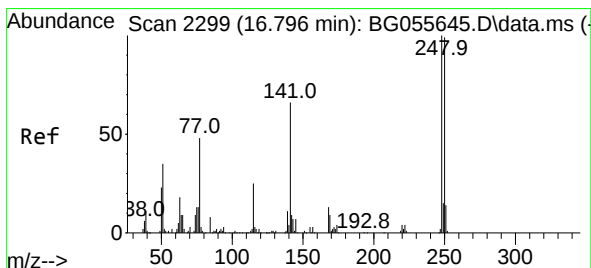
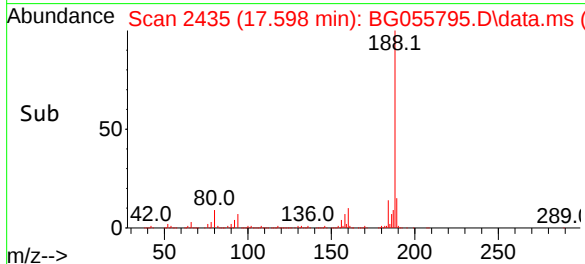
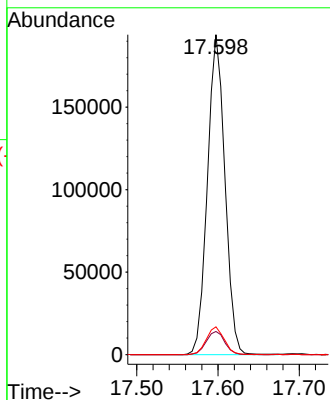
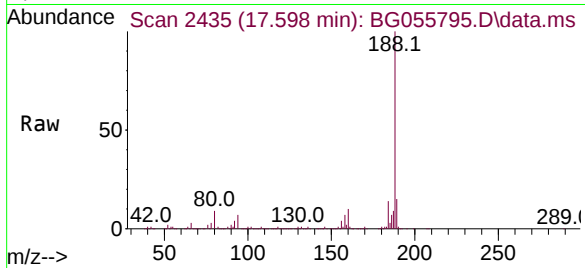




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.598 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

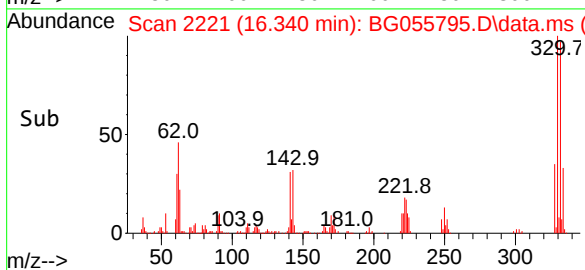
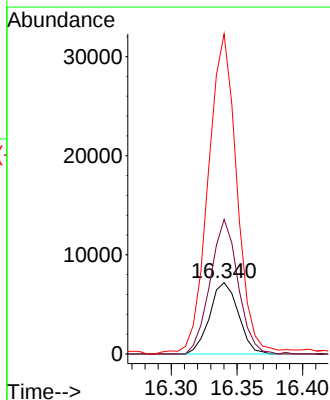
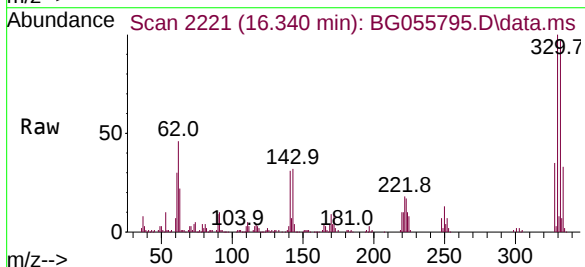
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BNA_G
ClientSampleId :

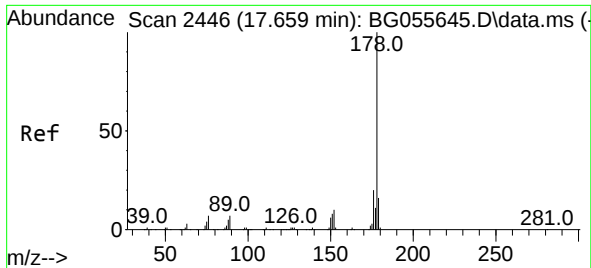
Tgt Ion:188 Resp: 290205
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.2
80 8.7 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.301 ng
RT: 16.340 min Scan# 2221
Delta R.T. -0.444 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

Tgt Ion:248 Resp: 10915
Ion Ratio Lower Upper
248 100
250 188.6 79.0 118.4#
141 448.7 52.9 79.3#

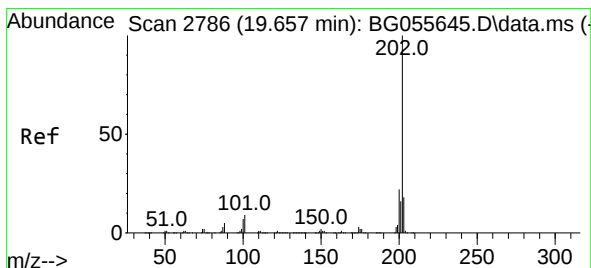
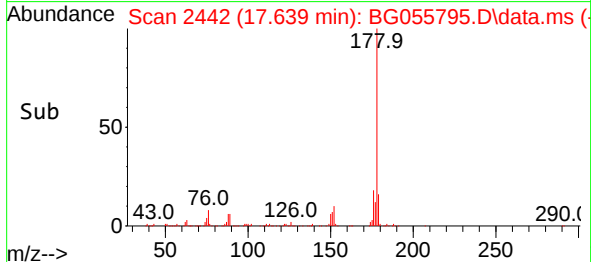
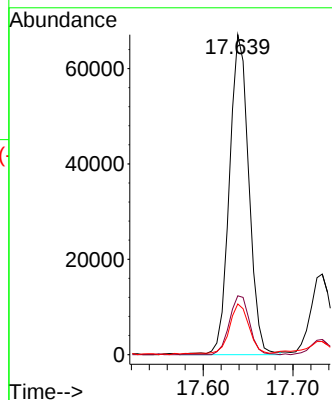
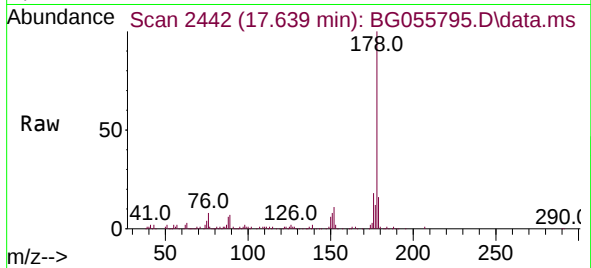




#71
Phenanthrene
Concen: 6.432 ng
RT: 17.639 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

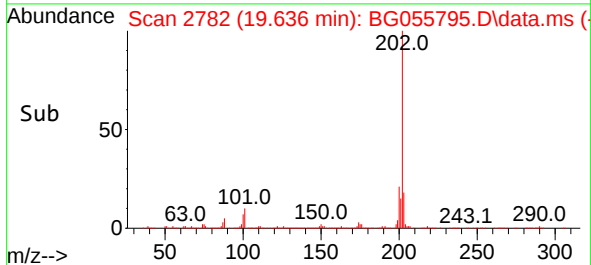
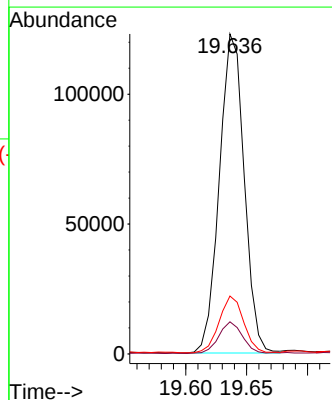
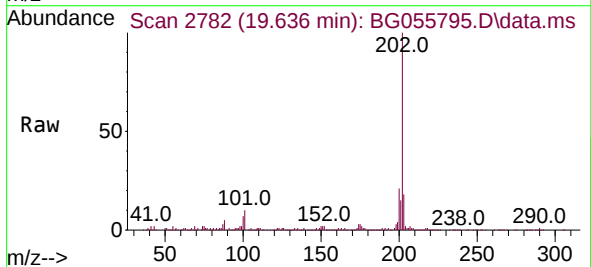
Instrument :
BNA_G
ClientSampleId :

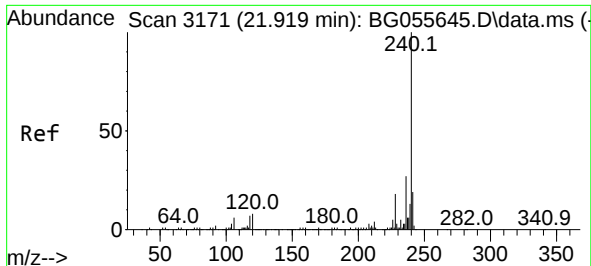
Tgt Ion:178 Resp: 100734
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 15.8 12.7 19.1



#75
Fluoranthene
Concen: 9.130 ng
RT: 19.636 min Scan# 2782
Delta R.T. -0.009 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

Tgt Ion:202 Resp: 173956
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.8
203 18.1 0.0 38.1

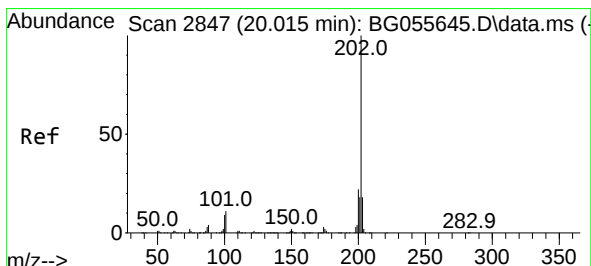
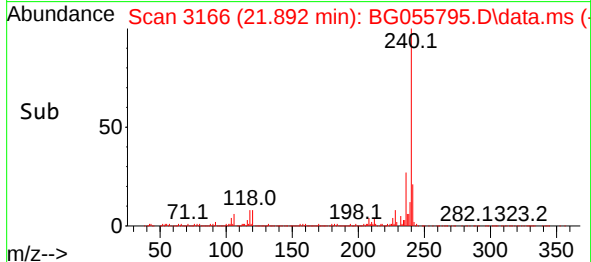
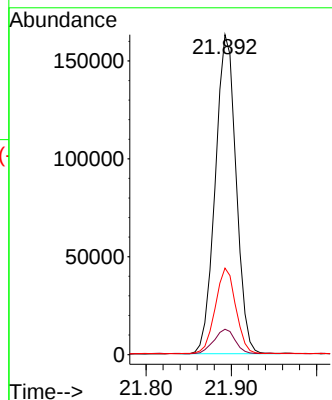
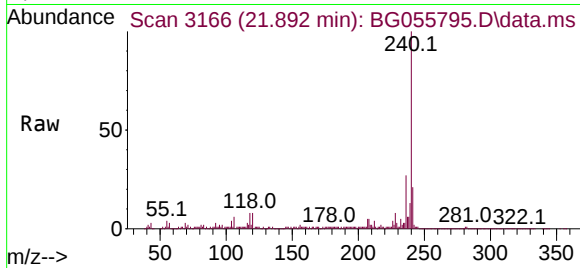




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3171
Delta R.T. -0.009 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

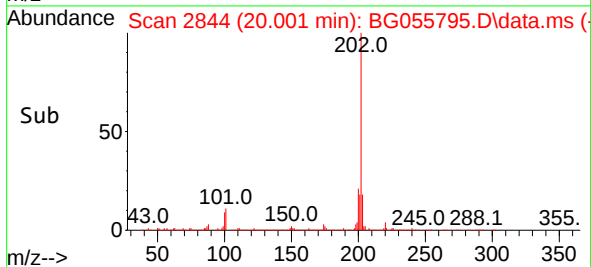
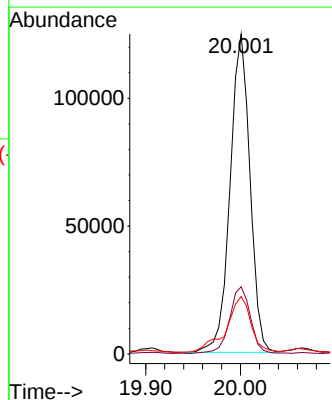
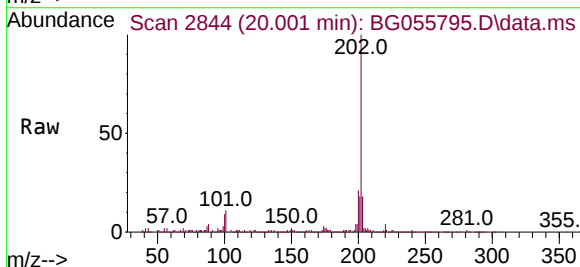
Instrument :
BNA_G
ClientSampleId :

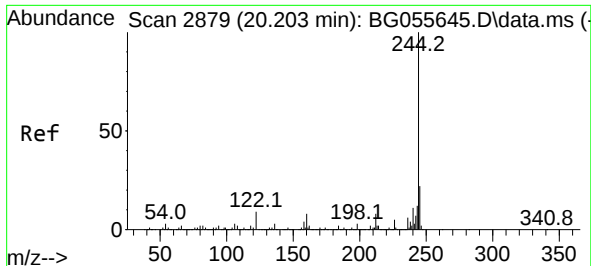
Tgt Ion:240 Resp: 276315
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 27.0 21.9 32.9



#78
Pyrene
Concen: 9.715 ng
RT: 20.001 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

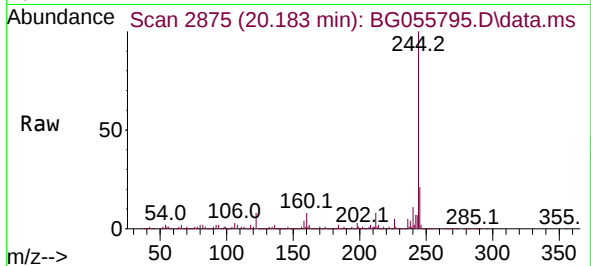
Tgt Ion:202 Resp: 181709
Ion Ratio Lower Upper
202 100
200 21.0 17.8 26.6
203 17.9 14.4 21.6



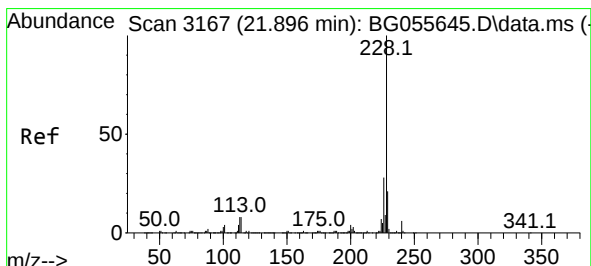
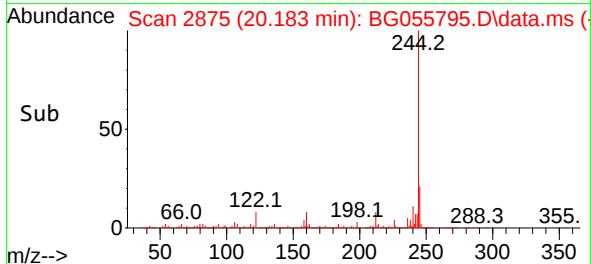
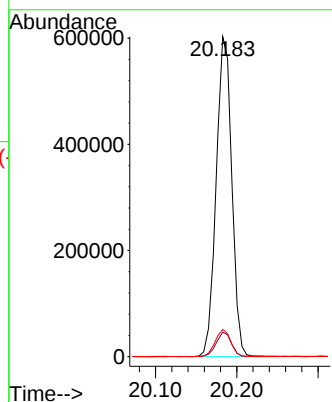


#79
 Terphenyl-d14
 Concen: 58.083 ng
 RT: 20.183 min Scan# 2875
 Delta R.T. -0.009 min
 Lab File: BG055795.D
 Acq: 26 Nov 2022 00:51

Instrument :
 BNA_G
 ClientSampleId :

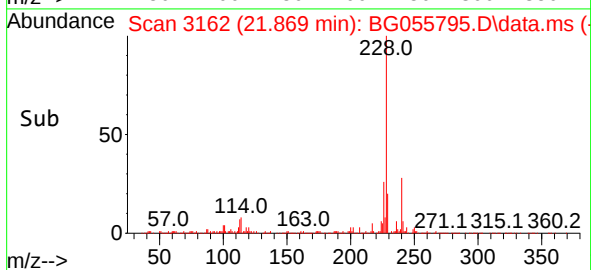
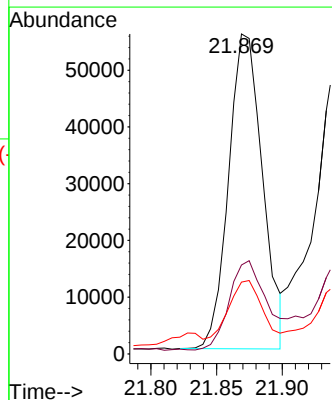
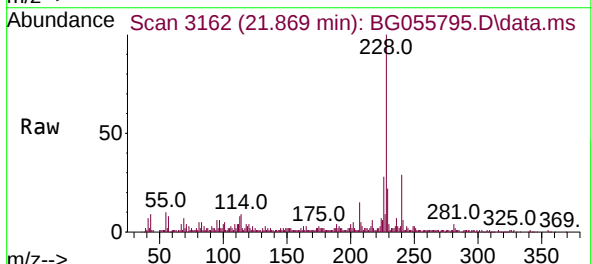


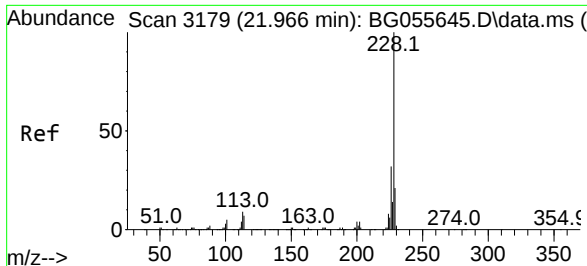
Tgt Ion:244 Resp: 802405
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.5 6.9 10.3



#81
 Benzo(a)anthracene
 Concen: 5.248 ng
 RT: 21.869 min Scan# 3162
 Delta R.T. -0.015 min
 Lab File: BG055795.D
 Acq: 26 Nov 2022 00:51

Tgt Ion:228 Resp: 99886
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.7 34.1
 229 22.4 16.5 24.7

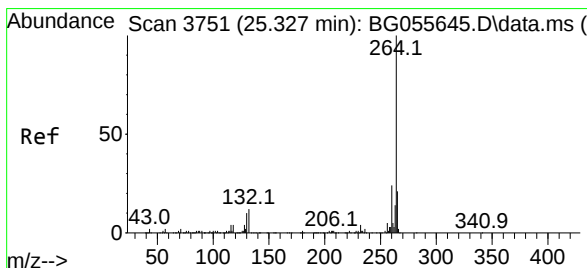
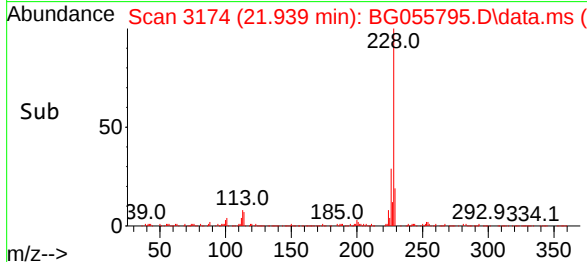
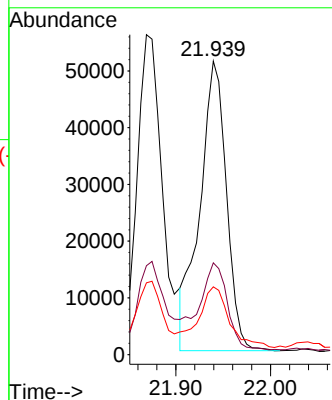
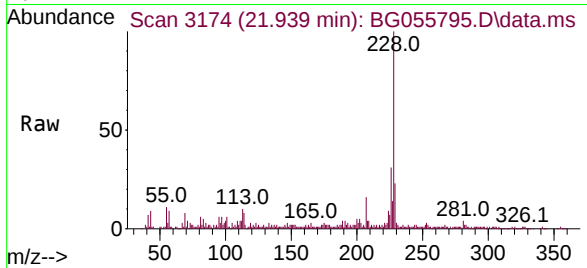




#83
Chrysene
Concen: 5.529 ng
RT: 21.939 min Scan# 3179
Delta R.T. -0.015 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

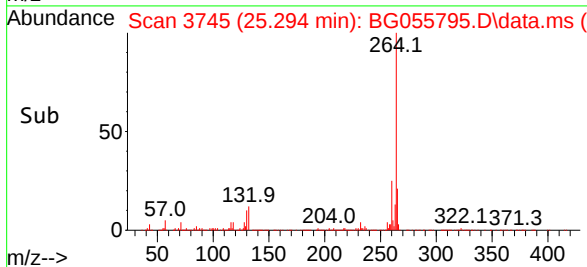
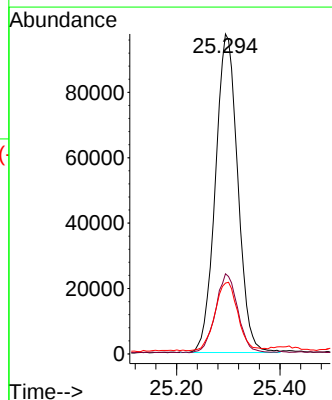
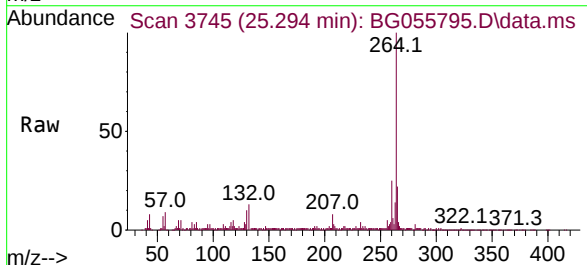
Instrument :
BNA_G
ClientSampleId :

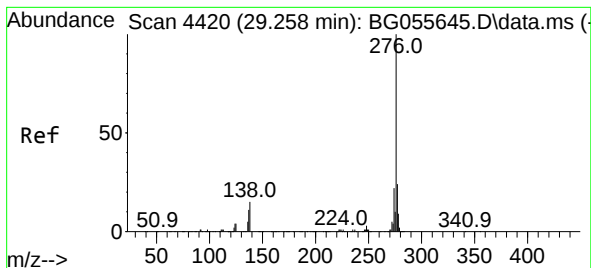
Tgt Ion:228 Resp: 100165
Ion Ratio Lower Upper
228 100
226 31.3 25.4 38.2
229 23.1 17.1 25.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.294 min Scan# 3745
Delta R.T. -0.009 min
Lab File: BG055795.D
Acq: 26 Nov 2022 00:51

Tgt Ion:264 Resp: 292957
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 22.1 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.978 ng

RT: 29.207 min Scan# 44

Delta R.T. -0.027 min

Lab File: BG055795.D

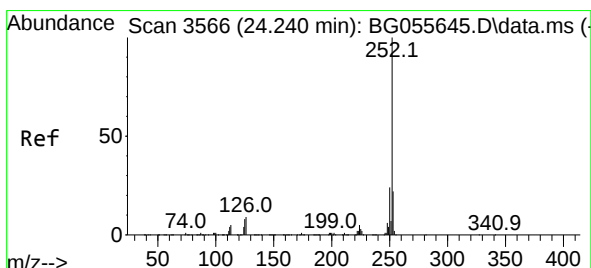
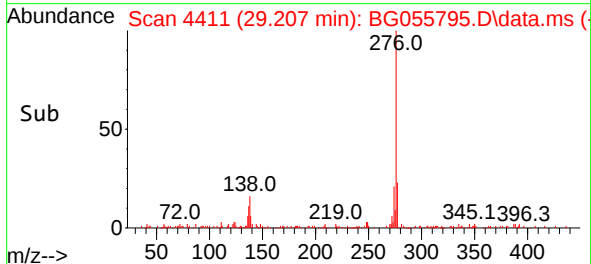
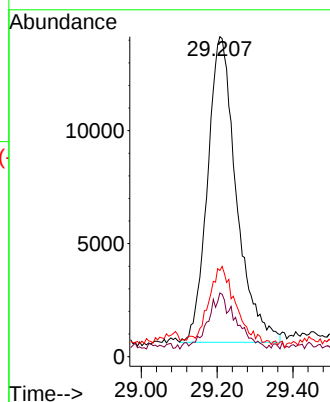
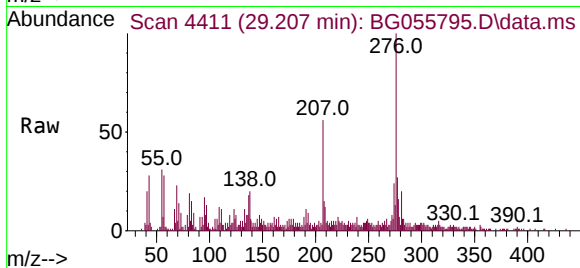
Acq: 26 Nov 2022 00:51

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	276	Resp:	71463
Ion Ratio	Lower	Upper	
276	100		
138	17.0	10.4	15.6#
277	22.2	20.2	30.4



#88

Benzo(b)fluoranthene

Concen: 7.321 ng

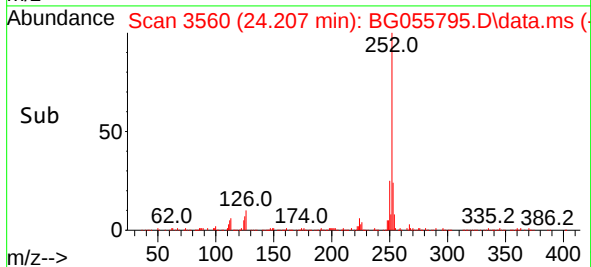
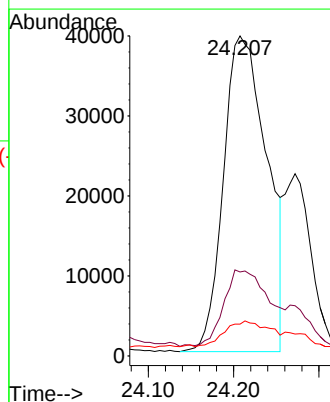
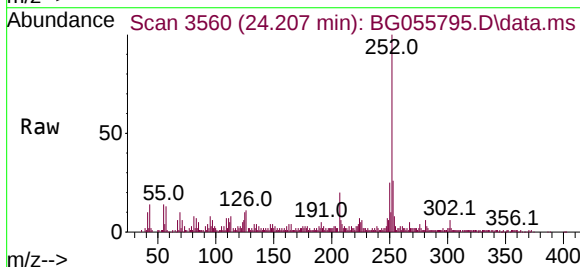
RT: 24.207 min Scan# 3560

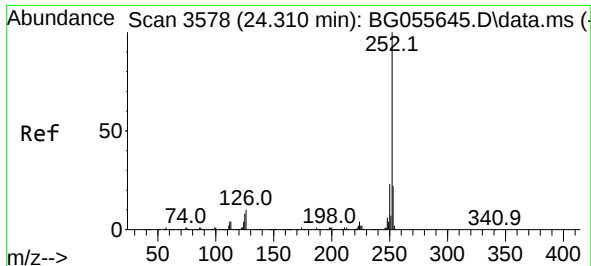
Delta R.T. -0.009 min

Lab File: BG055795.D

Acq: 26 Nov 2022 00:51

Tgt Ion:	252	Resp:	139686
Ion Ratio	Lower	Upper	
252	100		
253	26.2	18.0	27.0
125	9.9	6.2	9.2#





#89

Benzo(k)fluoranthene

Concen: 7.345 ng

RT: 24.207 min Scan# 31

Delta R.T. -0.086 min

Lab File: BG055795.D

Acq: 26 Nov 2022 00:51

Instrument :

BNA_G

ClientSampleId :

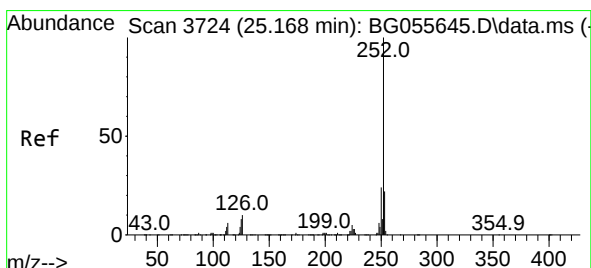
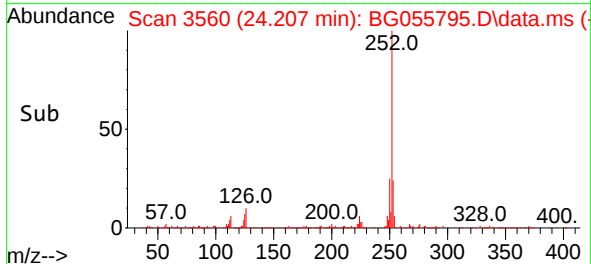
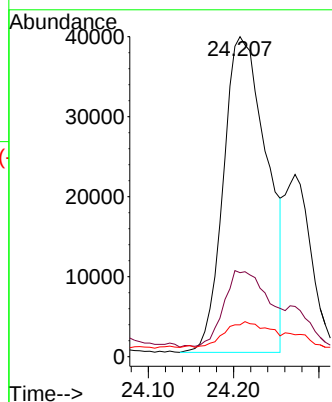
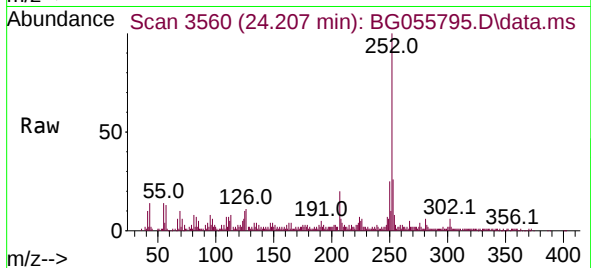
Tgt Ion:252 Resp: 139686

Ion Ratio Lower Upper

252 100

253 26.2 17.8 26.6

125 9.9 6.1 9.1#



#90

Benzo(a)pyrene

Concen: 6.489 ng

RT: 25.130 min Scan# 3717

Delta R.T. -0.015 min

Lab File: BG055795.D

Acq: 26 Nov 2022 00:51

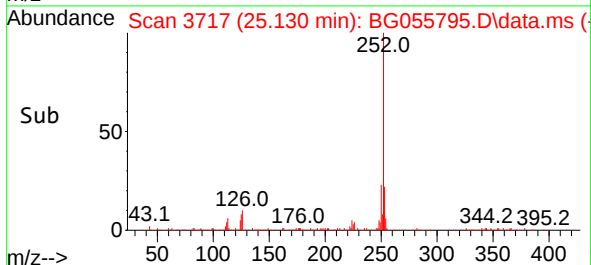
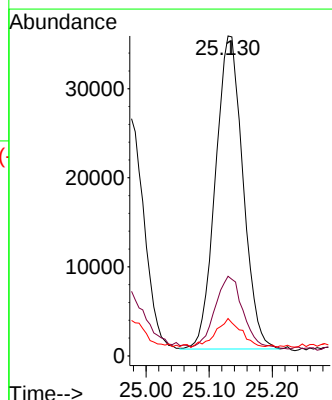
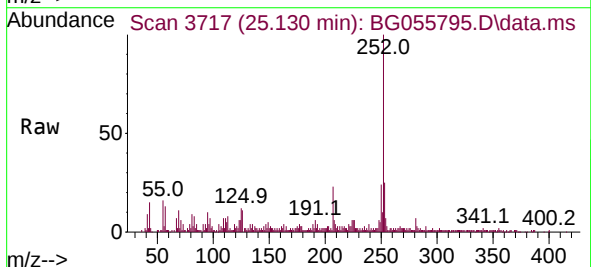
Tgt Ion:252 Resp: 106241

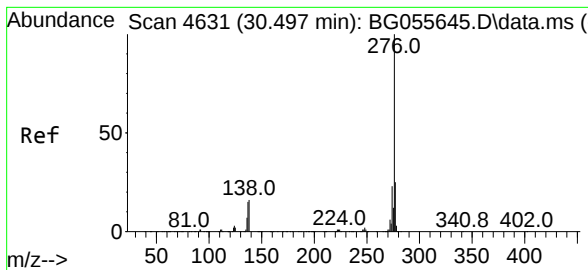
Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.6

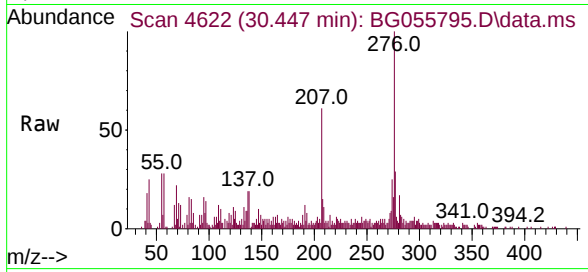
125 11.7 6.4 9.6#





#92
 Benzo(g,h,i)perylene
 Concen: 3.786 ng
 RT: 30.447 min Scan# 46
 Delta R.T. -0.015 min
 Lab File: BG055795.D
 Acq: 26 Nov 2022 00:51

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	276	Resp:	74831
Ion	Ratio	Lower	Upper
276	100		
277	28.9	19.8	29.6
138	19.3	13.1	19.7

