

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054795.D
 Acq On : 30 Aug 2022 18:44
 Operator : CG/JU
 Sample : N4417-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F

Quant Time: Aug 31 02:09:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

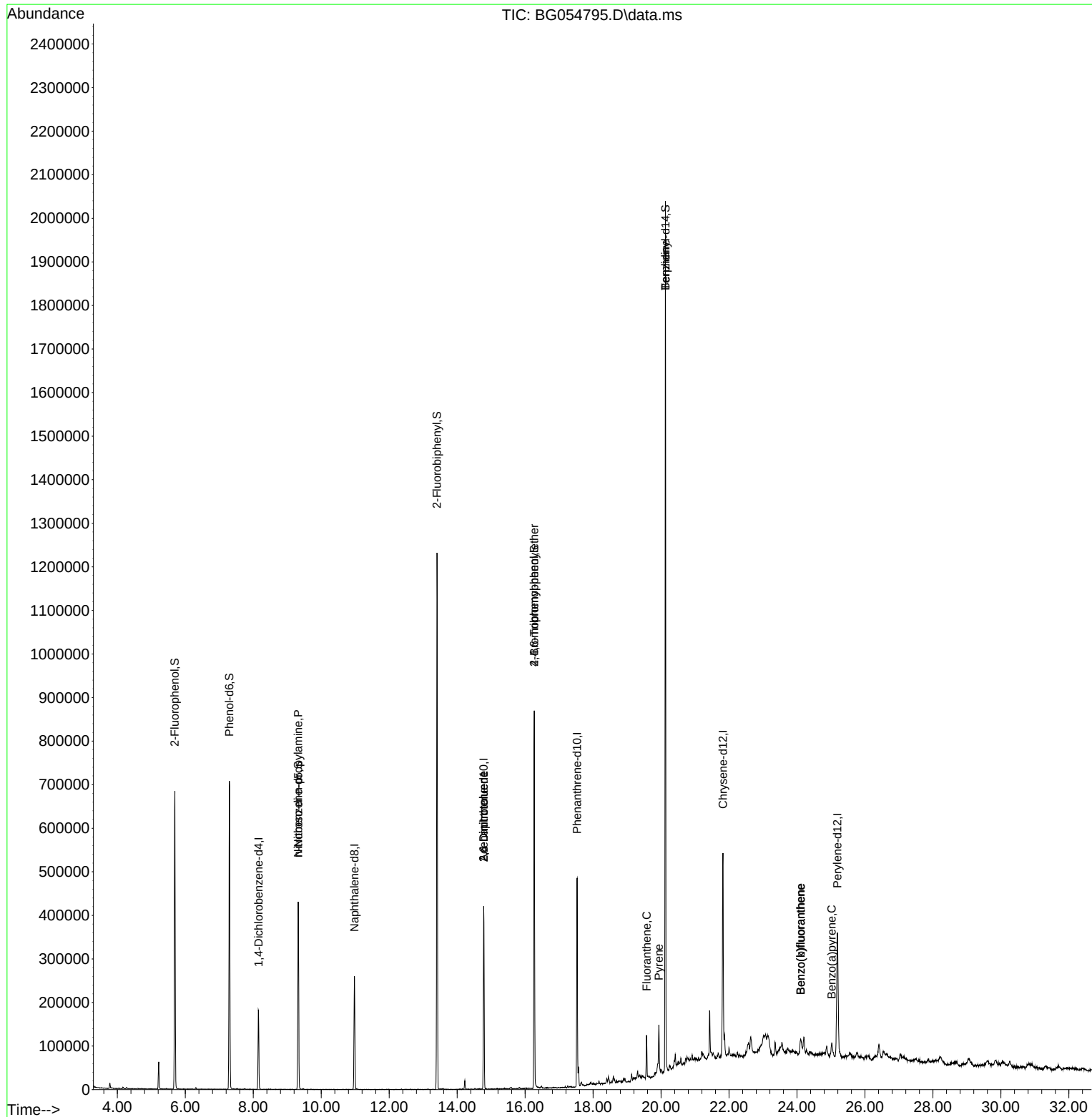
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	56346	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	236263	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	153610	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	321156	20.000	ng	0.00
76) Chrysene-d12	21.820	240	295880	20.000	ng	0.00
86) Perylene-d12	25.186	264	307827	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	324816	100.384	ng	0.00
7) Phenol-d6	7.296	99	452899	102.347	ng	0.00
23) Nitrobenzene-d5	9.323	82	271527	60.332	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	181205	94.404	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	658556	64.437	ng	0.00
79) Terphenyl-d14	20.128	244	988655	66.206	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.323	70	34442	11.318	ng	# 80
51) 2,6-Dinitrotoluene	14.781	165	20720	8.560	ng	# 22
57) 2,4-Dinitrotoluene	14.781	165	20720	6.189	ng	# 20
67) 4-Bromophenyl-phenylether	16.267	248	12134	3.441	ng	# 1
75) Fluoranthene	19.575	202	64259	3.088	ng	98
77) Benzidine	20.128	184	14977	2.044	ng	# 92
78) Pyrene	19.934	202	67001	3.248	ng	99
88) Benzo(b)fluoranthene	24.105	252	46766	2.422	ng	98
89) Benzo(k)fluoranthene	24.105	252	46766	2.406	ng	98
90) Benzo(a)pyrene	25.022	252	33495	2.030	ng	# 94

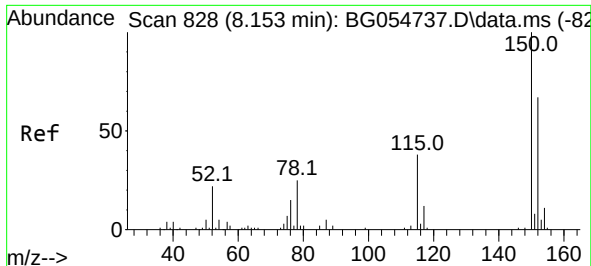
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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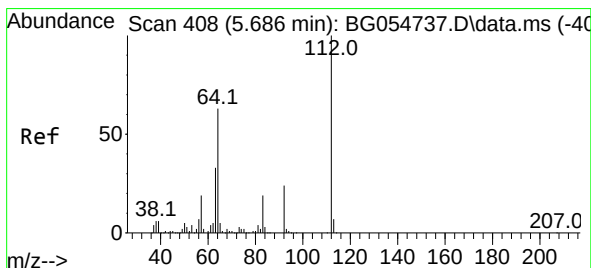
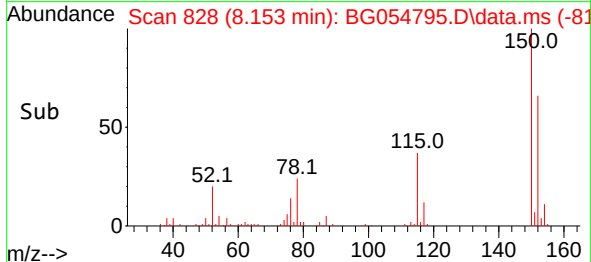
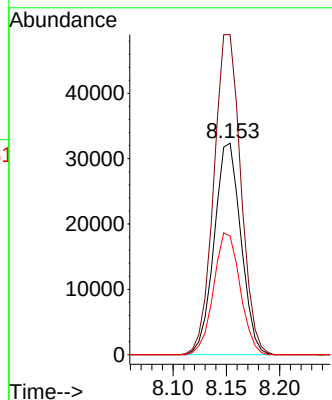
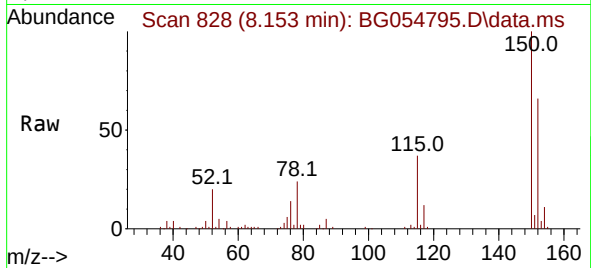




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

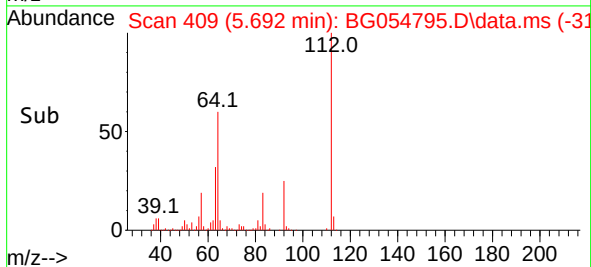
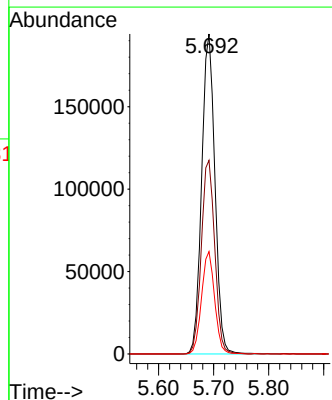
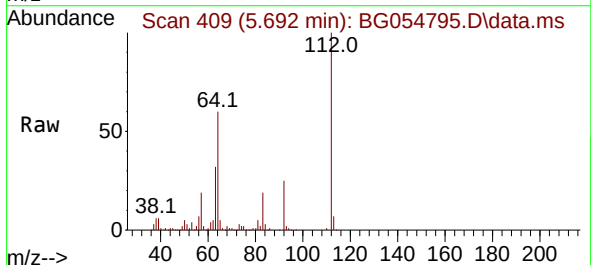
Instrument :
BNA_G
ClientSampleId :
F

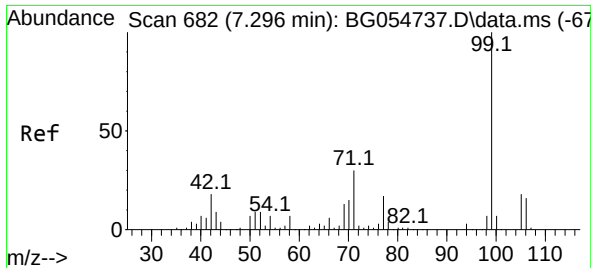
Tgt Ion:152 Resp: 56346
Ion Ratio Lower Upper
152 100
150 151.3 125.2 187.8
115 56.0 47.9 71.9



#5
2-Fluorophenol
Concen: 100.384 ng
RT: 5.692 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

Tgt Ion:112 Resp: 324816
Ion Ratio Lower Upper
112 100
64 60.5 49.3 73.9
63 32.0 26.3 39.5

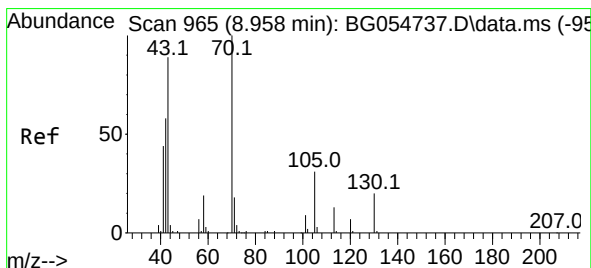
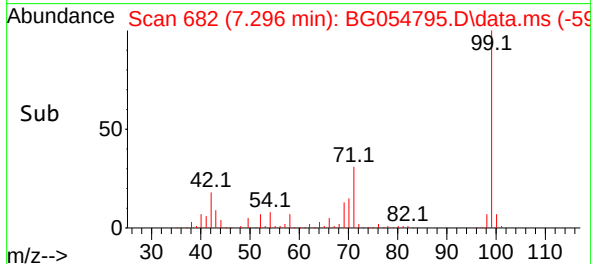
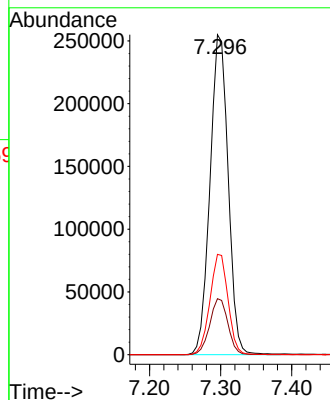
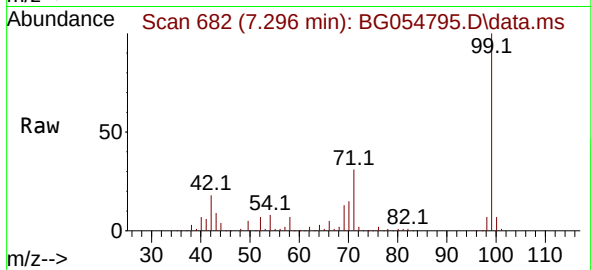




#7
Phenol-d6
Concen: 102.347 ng
RT: 7.296 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

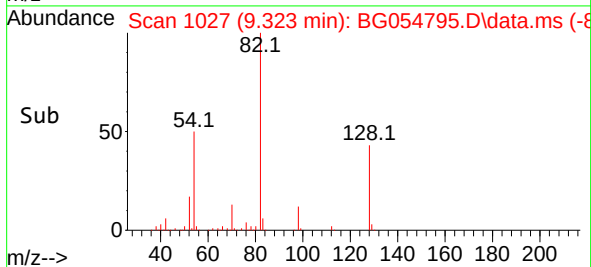
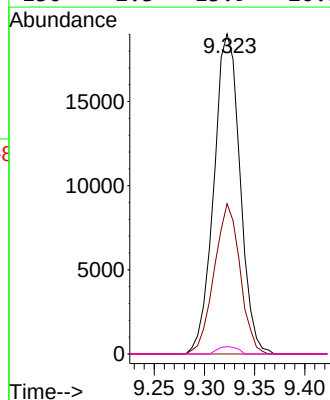
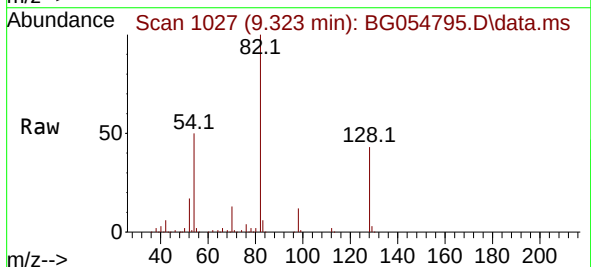
Instrument :
BNA_G
ClientSampleId :
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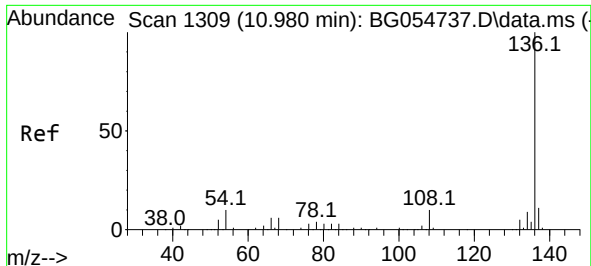
Tgt Ion: 99 Resp: 452899
Ion Ratio Lower Upper
99 100
42 17.5 14.6 22.0
71 31.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.318 ng
RT: 9.323 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

Tgt Ion: 70 Resp: 34442
Ion Ratio Lower Upper
70 100
42 47.0 46.6 69.8
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#

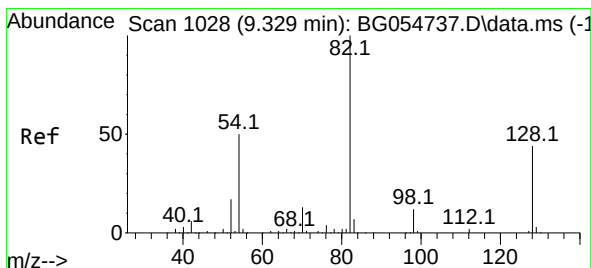
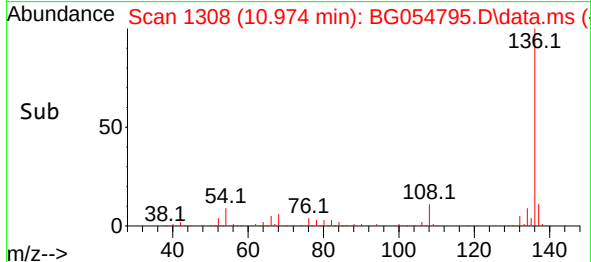
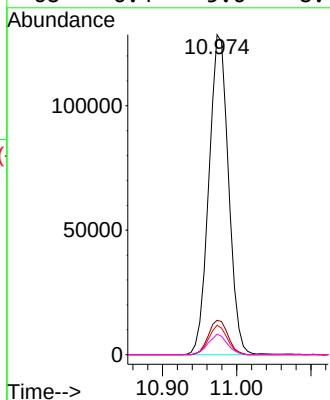
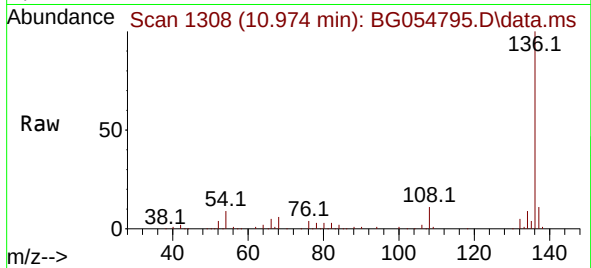




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

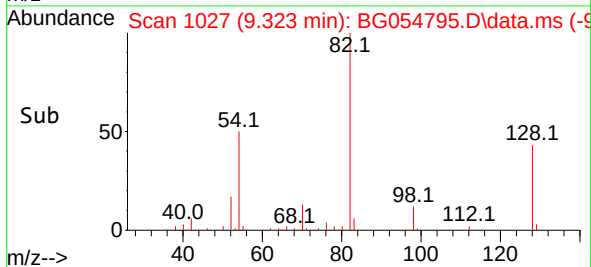
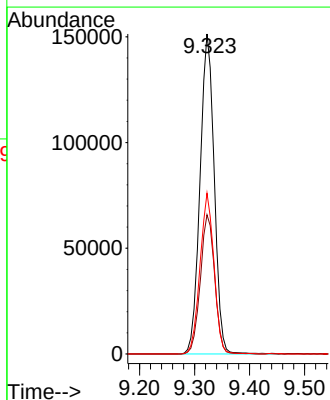
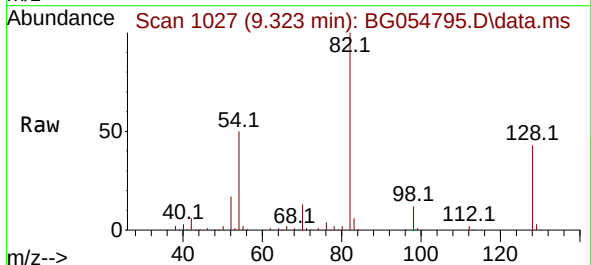
Instrument :
BNA_G
ClientSampleId :
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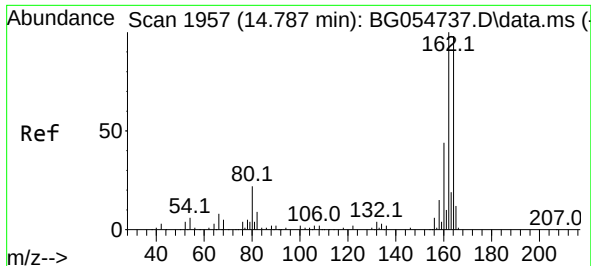
Tgt Ion:	136	Resp:	236263
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	9.2	7.7	11.5
68	6.4	5.6	8.4



#23
Nitrobenzene-d5
Concen: 60.332 ng
RT: 9.323 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

Tgt Ion:	82	Resp:	271527
Ion Ratio	Lower	Upper	
82	100		
128	43.5	32.2	48.2
54	50.3	41.4	62.0

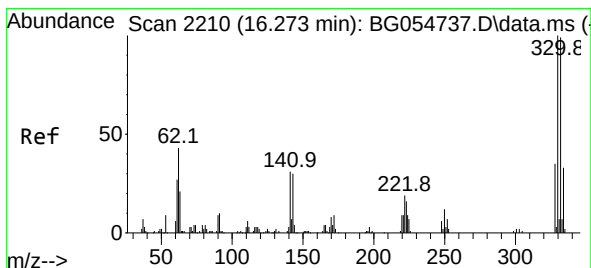
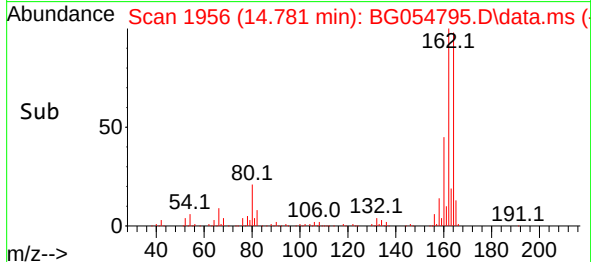
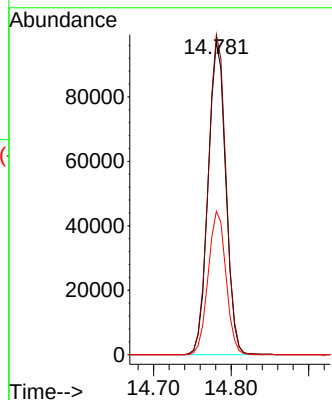
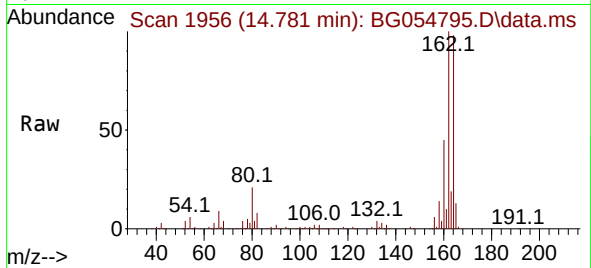




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

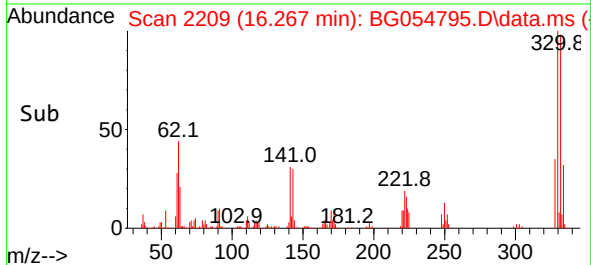
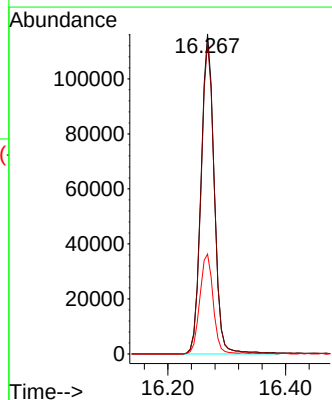
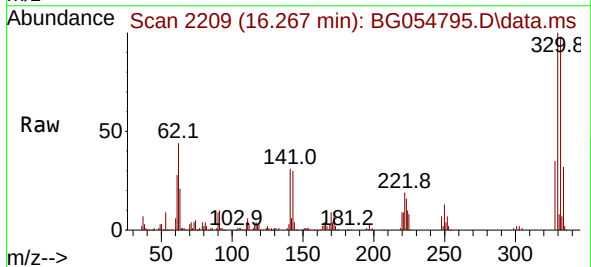
Instrument :
BNA_G
ClientSampleId :
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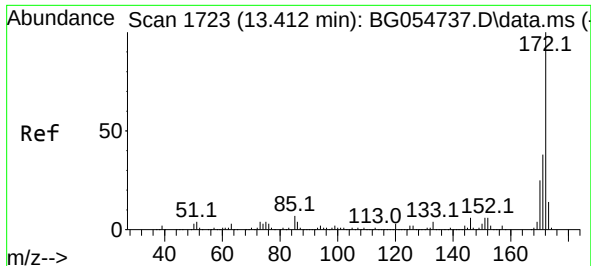
Tgt Ion:164 Resp: 153610
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.4
160 45.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 94.404 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

Tgt Ion:330 Resp: 181205
Ion Ratio Lower Upper
330 100
332 98.2 79.8 119.6
141 31.5 26.8 40.2

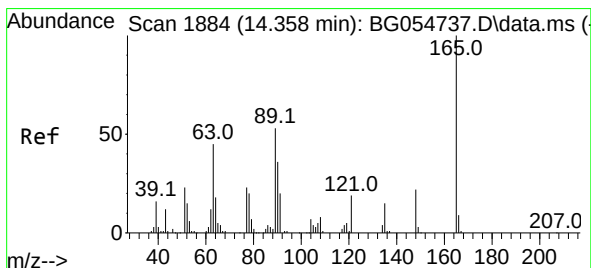
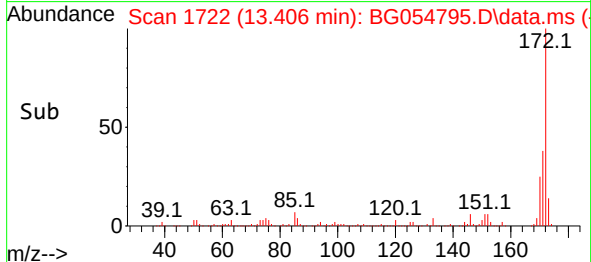
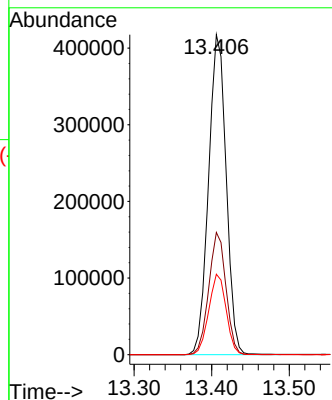
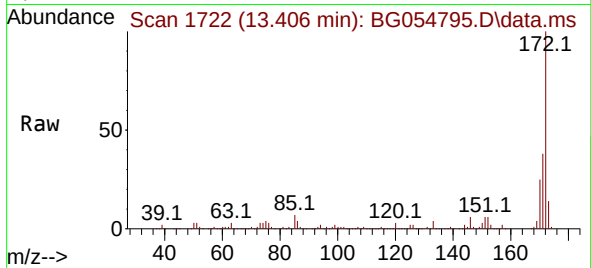




#45
2-Fluorobiphenyl
Concen: 64.437 ng
RT: 13.406 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

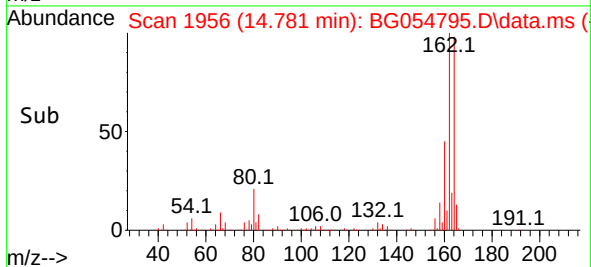
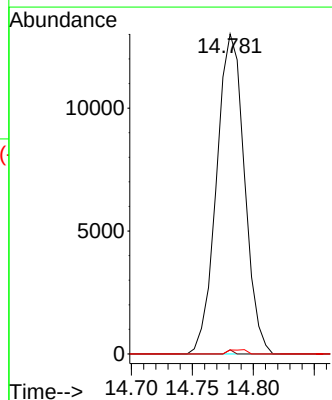
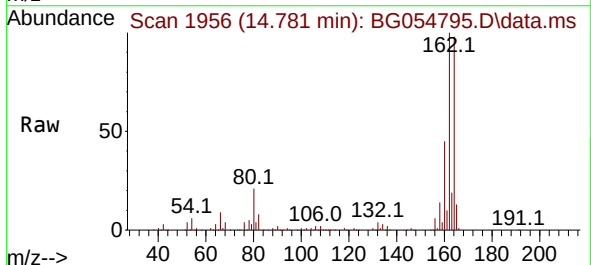
Instrument :
BNA_G
ClientSampleId :
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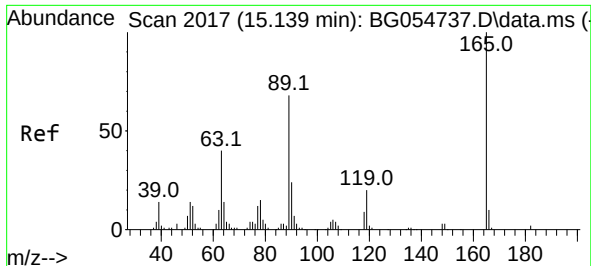
Tgt Ion:172 Resp: 658556
Ion Ratio Lower Upper
172 100
171 38.2 31.2 46.8
170 25.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.560 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

Tgt Ion:165 Resp: 20720
Ion Ratio Lower Upper
165 100
63 1.3 46.0 69.0#
89 1.3 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 6.189 ng

RT: 14.781 min Scan# 1956

Delta R.T. -0.359 min

Lab File: BG054795.D

Acq: 30 Aug 2022 18:44

Instrument :

BNA_G

ClientSampleId :

F

Tgt Ion:165 Resp: 20720

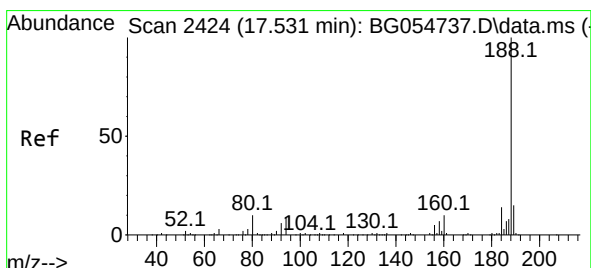
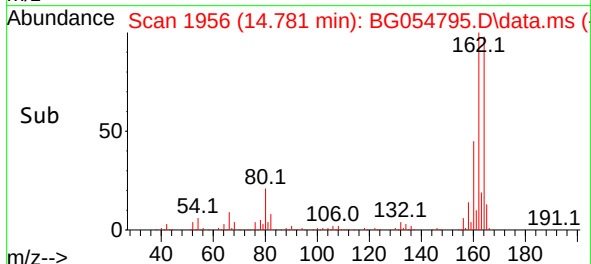
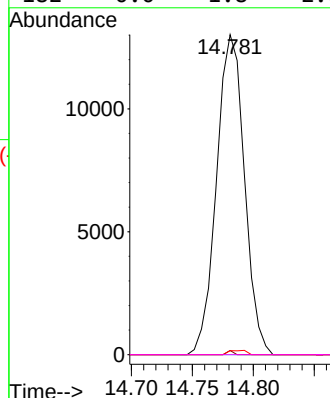
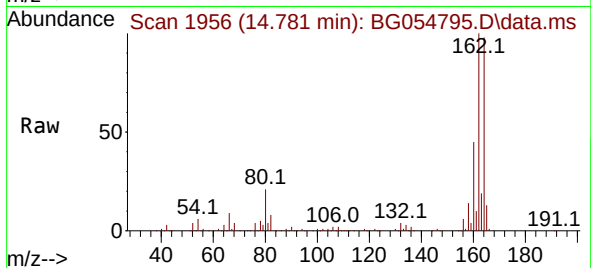
Ion Ratio Lower Upper

165 100

63 1.3 36.8 55.2#

89 1.3 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.531 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BG054795.D

Acq: 30 Aug 2022 18:44

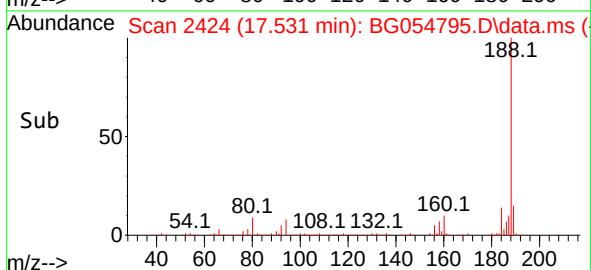
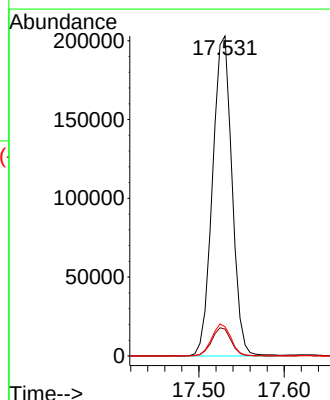
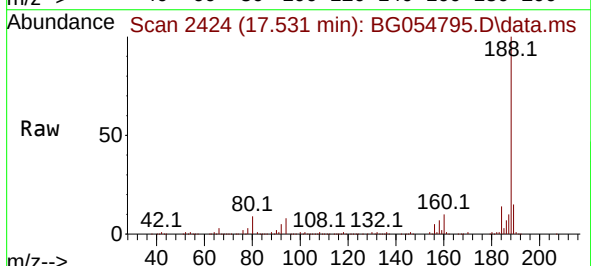
Tgt Ion:188 Resp: 321156

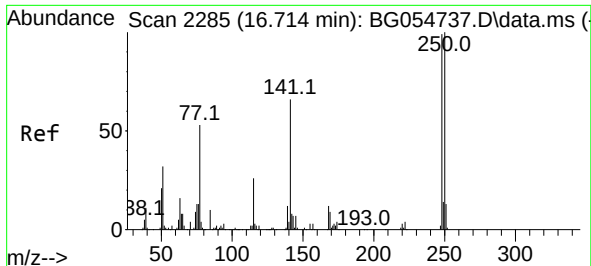
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.1 7.9 11.9

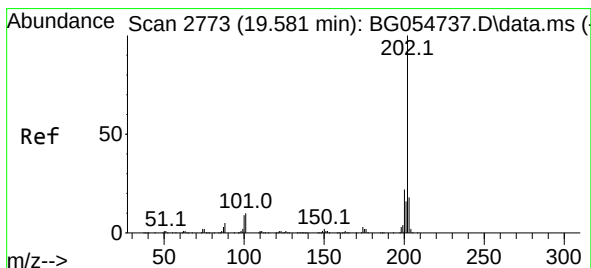
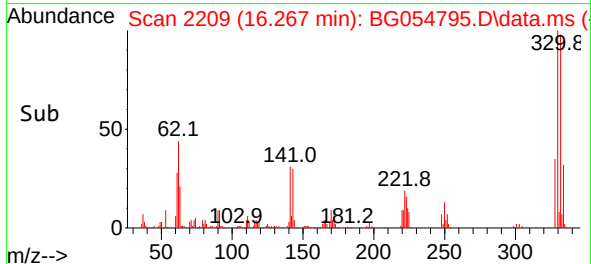
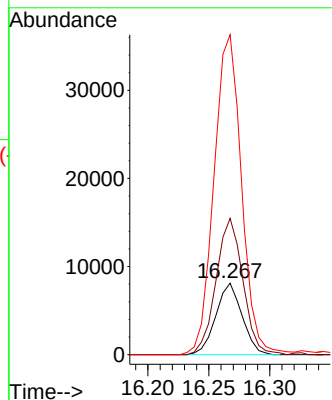
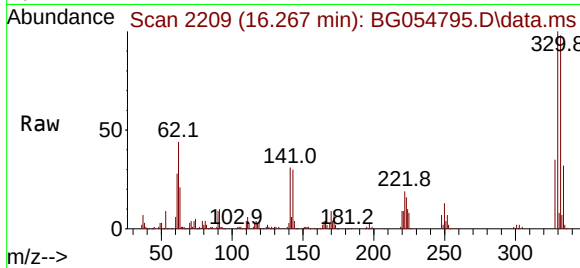




#67
4-Bromophenyl-phenylether
Concen: 3.441 ng
RT: 16.267 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

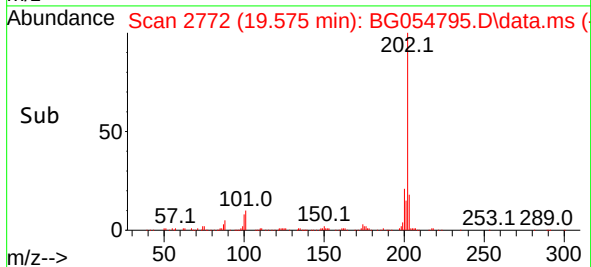
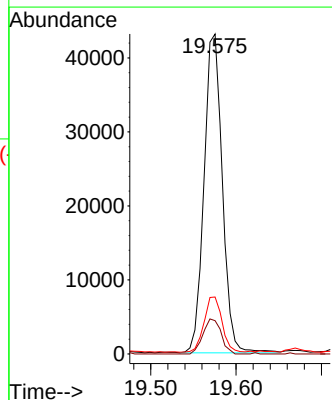
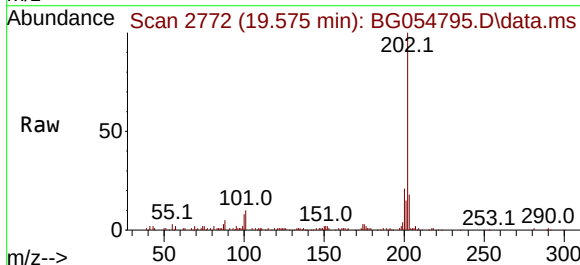
Instrument :
BNA_G
ClientSampleId :
F

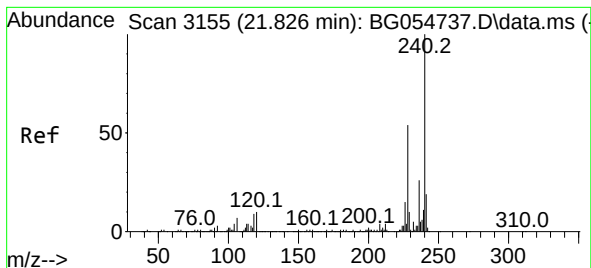
Tgt Ion:248 Resp: 12134
Ion Ratio Lower Upper
248 100
250 190.6 78.8 118.2#
141 447.2 51.9 77.9#



#75
Fluoranthene
Concen: 3.088 ng
RT: 19.575 min Scan# 2772
Delta R.T. -0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

Tgt Ion:202 Resp: 64259
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 17.8 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.820 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG054795.D

Acq: 30 Aug 2022 18:44

Instrument :

BNA_G

ClientSampleId :

F

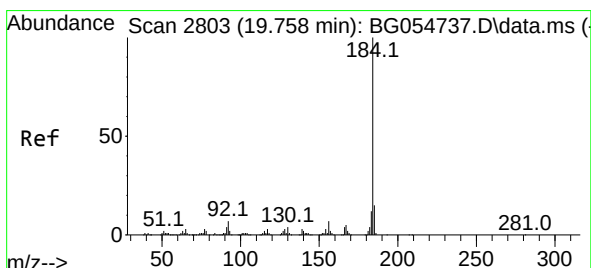
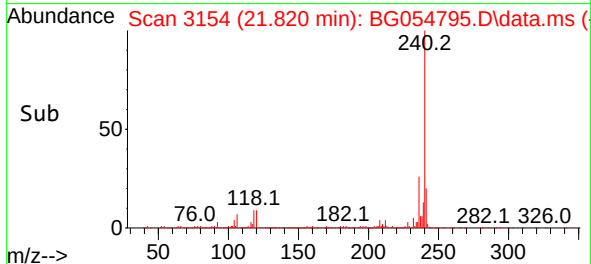
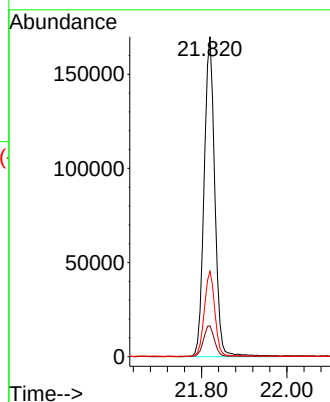
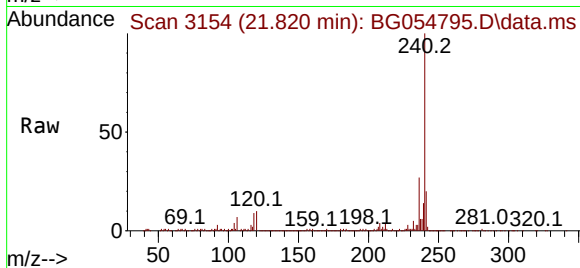
Tgt Ion:240 Resp: 295880

Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.4

236 26.6 21.2 31.8



#77

Benzidine

Concen: 2.044 ng

RT: 20.128 min Scan# 2866

Delta R.T. 0.370 min

Lab File: BG054795.D

Acq: 30 Aug 2022 18:44

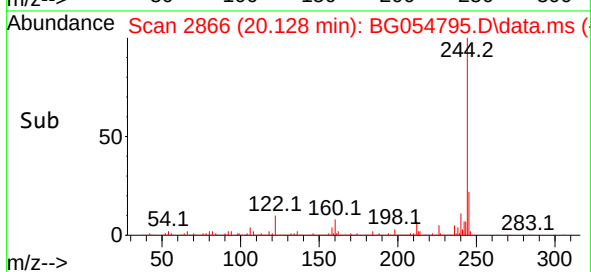
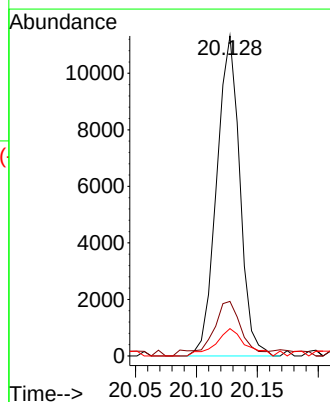
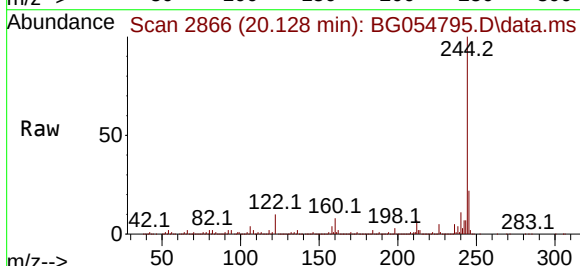
Tgt Ion:184 Resp: 14977

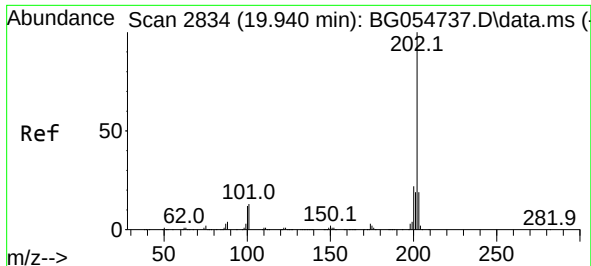
Ion Ratio Lower Upper

184 100

185 17.0 11.4 17.0

183 8.6 9.8 14.8#

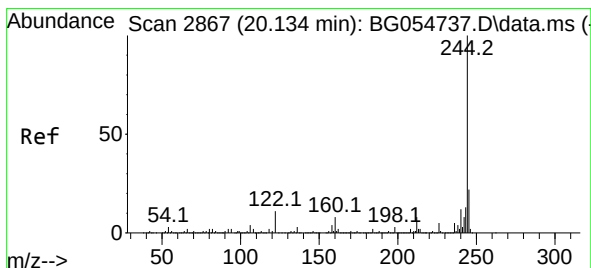
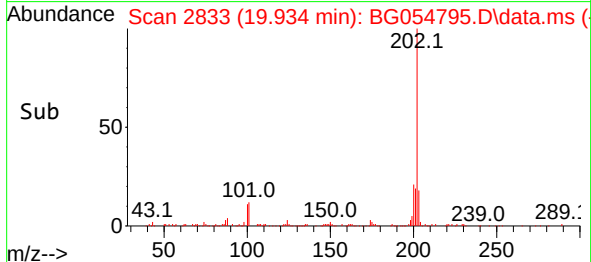
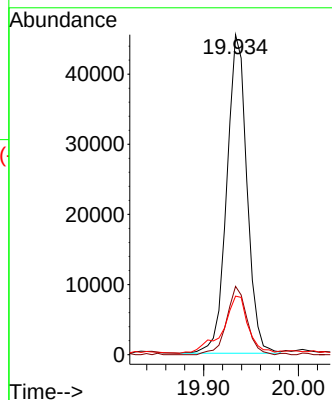
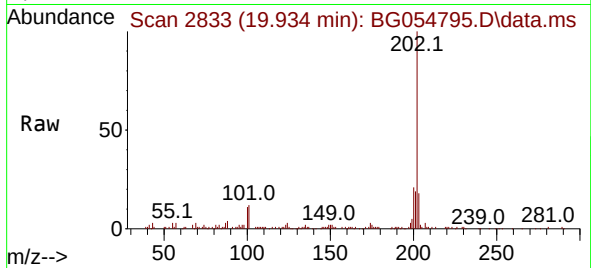




#78
 Pyrene
 Concen: 3.248 ng
 RT: 19.934 min Scan# 2833
 Delta R.T. -0.006 min
 Lab File: BG054795.D
 Acq: 30 Aug 2022 18:44

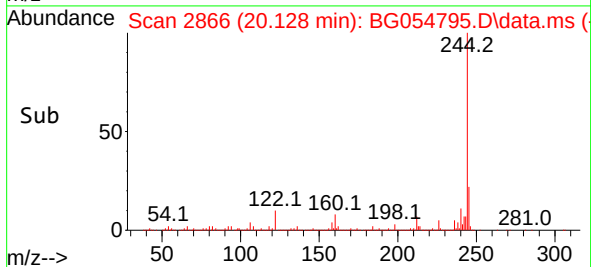
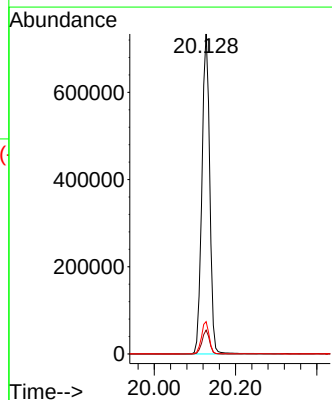
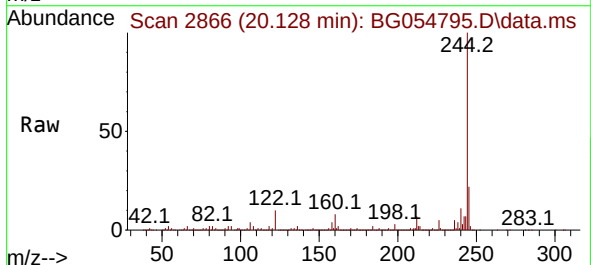
Instrument :
 BNA_G
 ClientSampleId :
 F

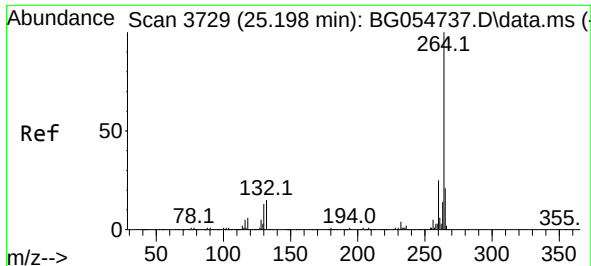
Tgt Ion:202 Resp: 67001
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.8 26.6
 203 18.3 14.6 21.8



#79
 Terphenyl-d14
 Concen: 66.206 ng
 RT: 20.128 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG054795.D
 Acq: 30 Aug 2022 18:44

Tgt Ion:244 Resp: 988655
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.1 9.0 13.6

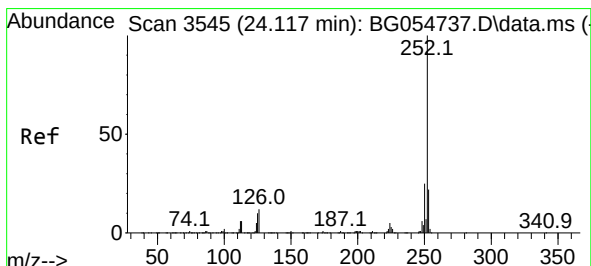
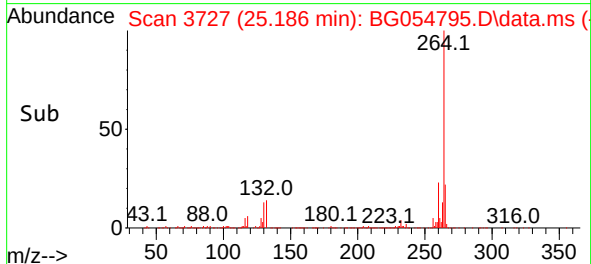
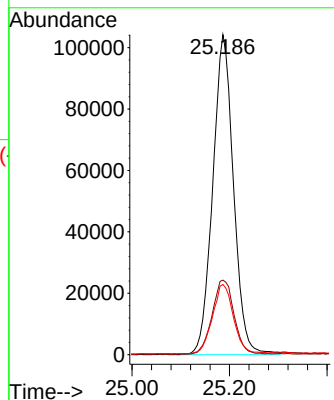
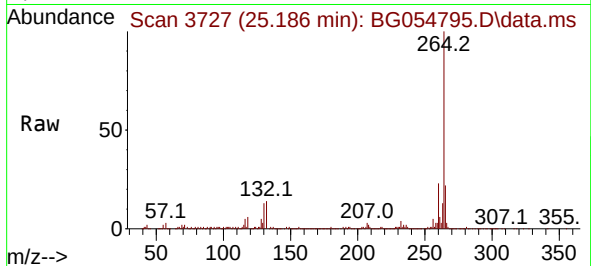




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.186 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG054795.D
 Acq: 30 Aug 2022 18:44

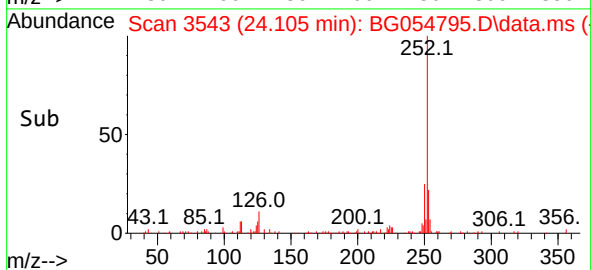
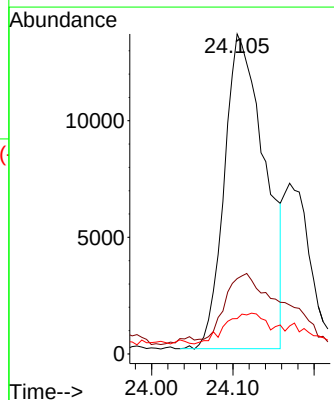
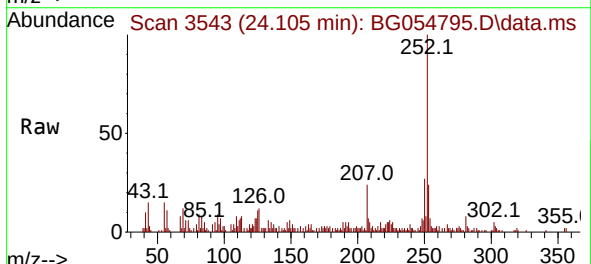
Instrument :
 BNA_G
 ClientSampleId :
 F

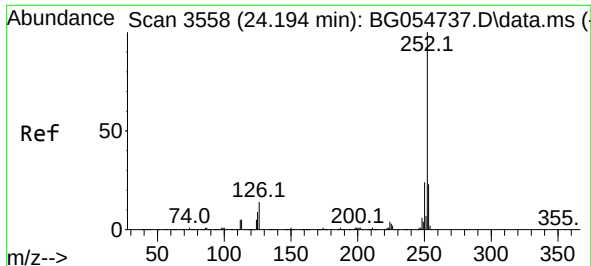
Tgt Ion:264 Resp: 307827
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.9 29.9
 265 21.9 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.422 ng
 RT: 24.105 min Scan# 3543
 Delta R.T. -0.012 min
 Lab File: BG054795.D
 Acq: 30 Aug 2022 18:44

Tgt Ion:252 Resp: 46766
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.0 27.0
 125 11.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 2.406 ng

RT: 24.105 min Scan# 3

Delta R.T. -0.088 min

Lab File: BG054795.D

Acq: 30 Aug 2022 18:44

Instrument :

BNA_G

ClientSampleId :

F

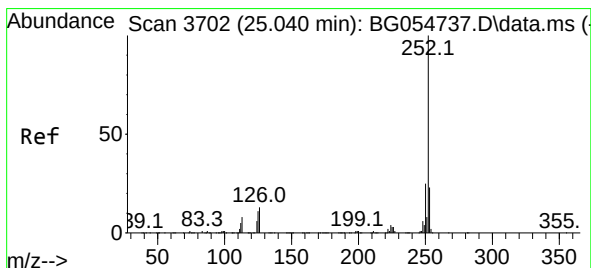
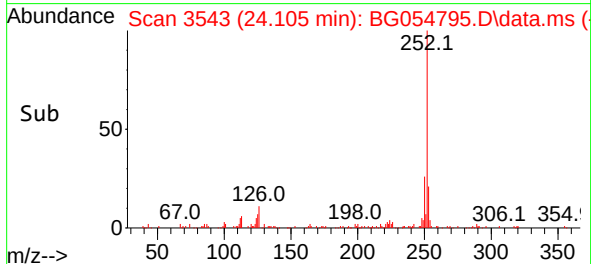
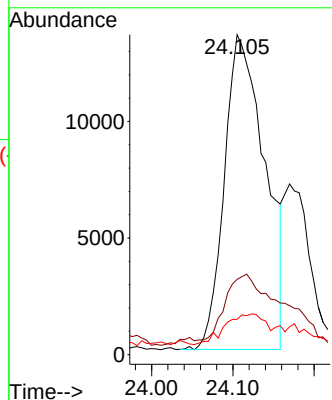
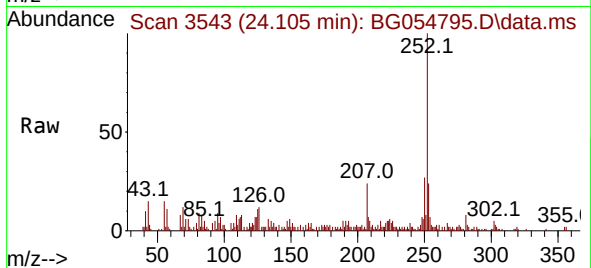
Tgt Ion:252 Resp: 46766

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

125 11.0 8.2 12.4



#90

Benzo(a)pyrene

Concen: 2.030 ng

RT: 25.022 min Scan# 3699

Delta R.T. -0.018 min

Lab File: BG054795.D

Acq: 30 Aug 2022 18:44

Tgt Ion:252 Resp: 33495

Ion Ratio Lower Upper

252 100

253 24.8 18.3 27.5

125 14.4 8.8 13.2#

