

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)

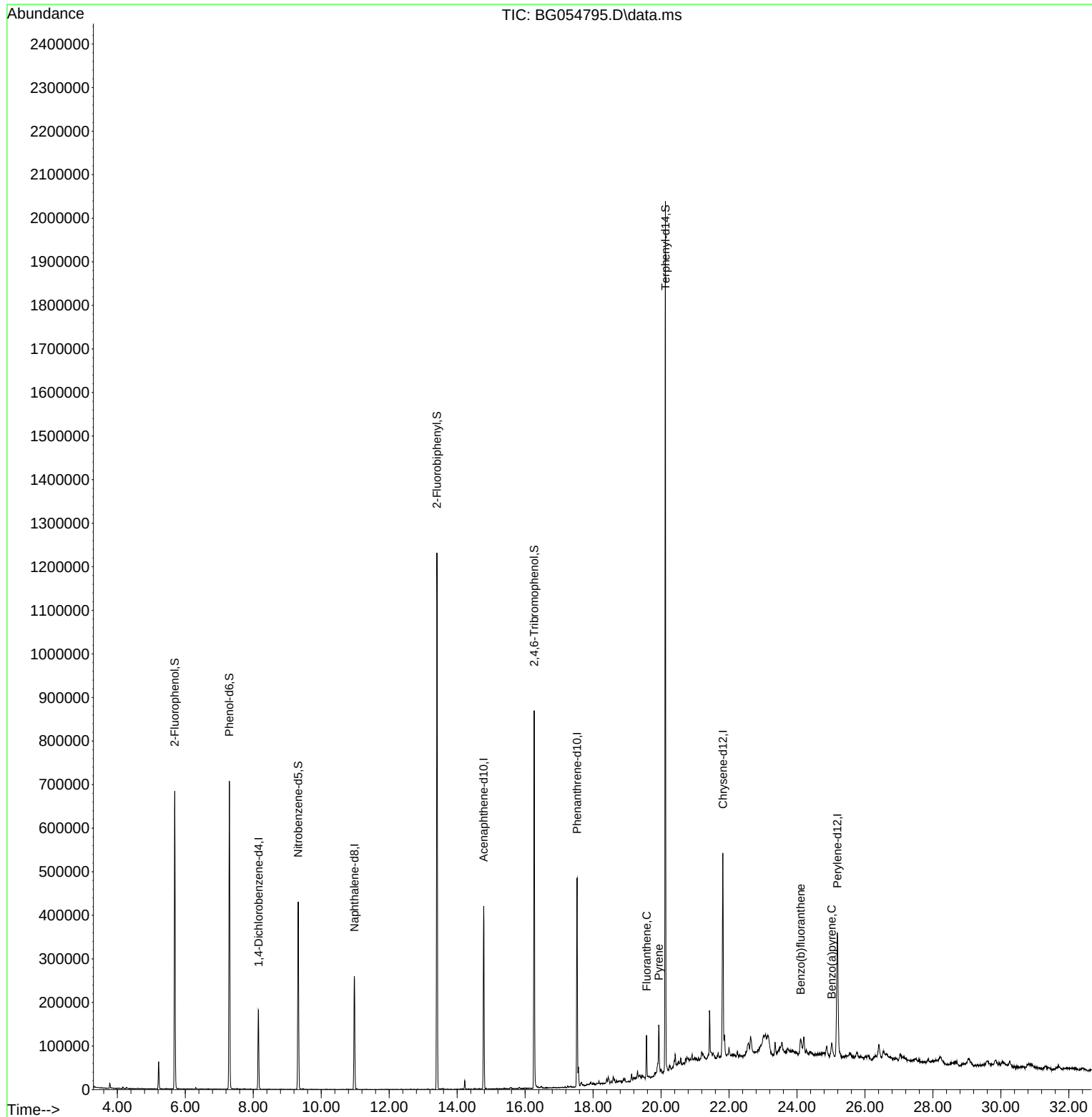
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	56346	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	236263	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	153610	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	321156	20.000	ng	0.00
76) Chrysene-d12	21.820	240	295880	20.000	ng	0.00
86) Perylene-d12	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
75) Fluoranthene	19.575	202	64259	3.088	ng	98
78) Pyrene	19.934	202	67001	3.248	ng	99
88) Benzo(b)fluoranthene	24.105	252	46766	2.422	ng	98
90) Benzo(a)pyrene	25.022	252	33495	2.030	ng	# 94

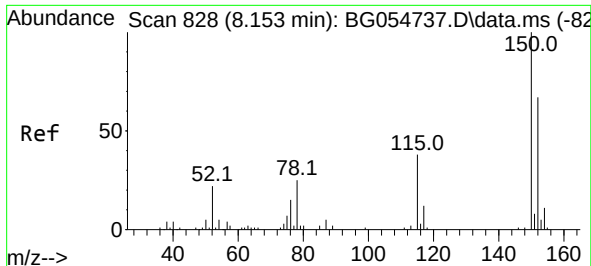
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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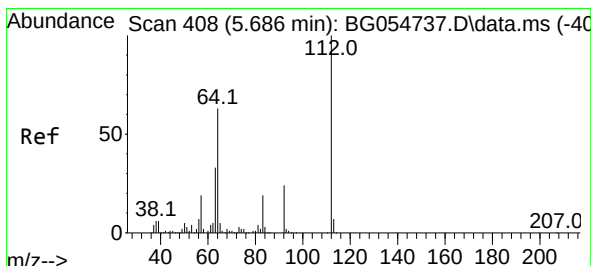
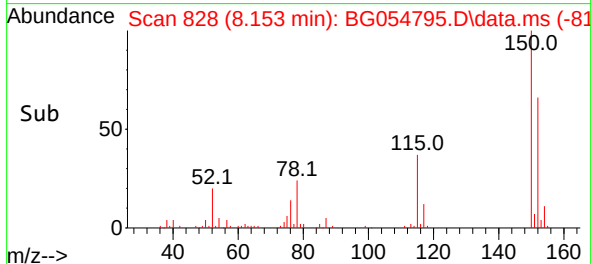
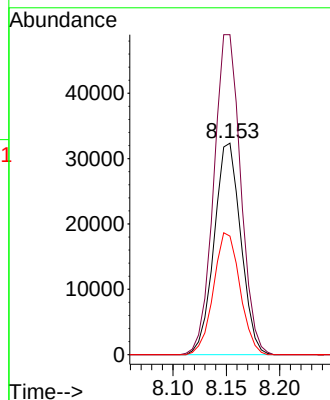
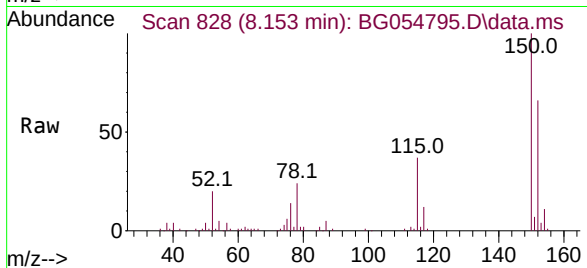




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

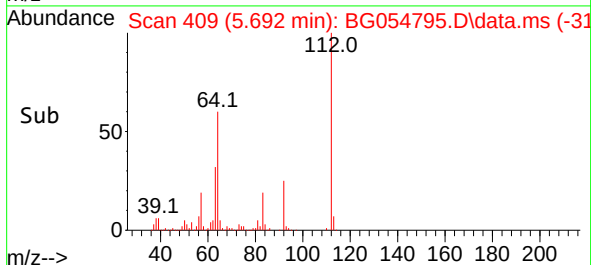
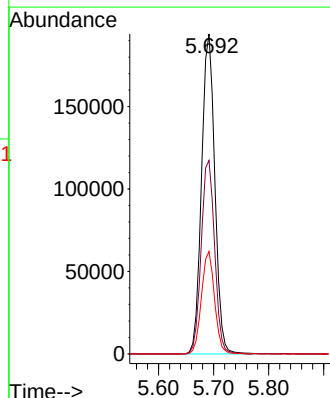
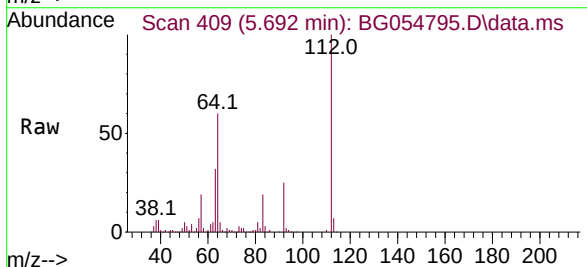
Instrument :
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ClientSampleId :
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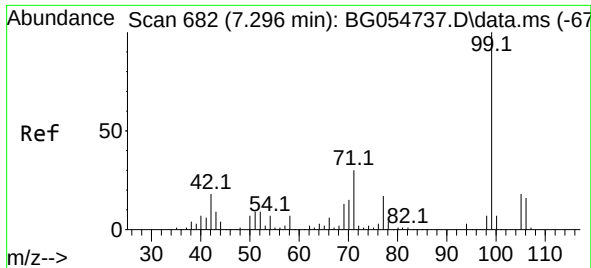
Tgt Ion:152 Resp: 56346
Ion Ratio Lower Upper
152 100
150 151.3 125.2 187.8
115 56.0 47.9 71.9



#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

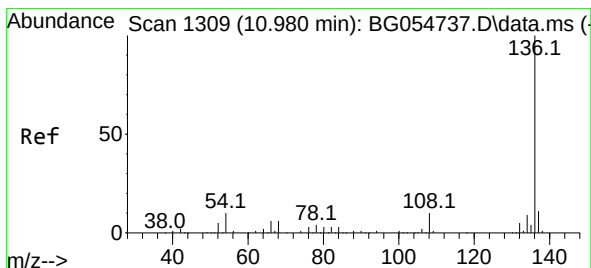
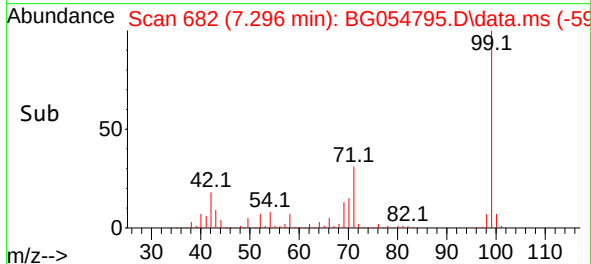
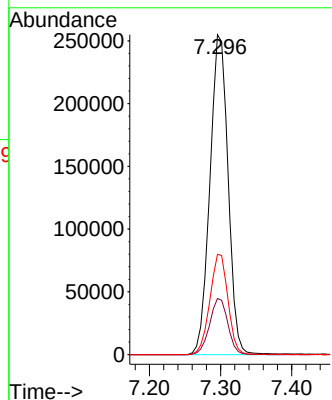
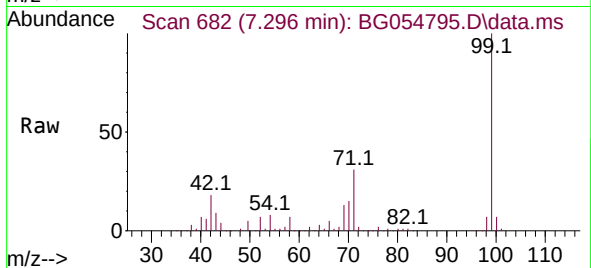




#7
Phenol-d6
Concen: 102.347 ng
RT: 7.296 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

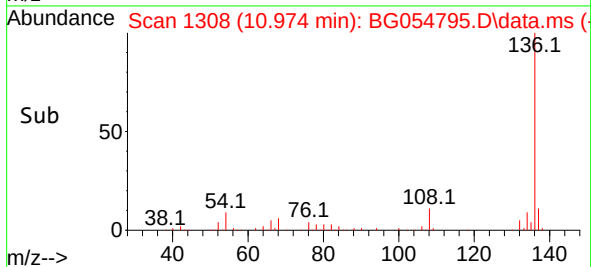
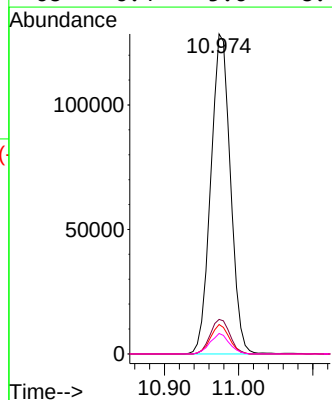
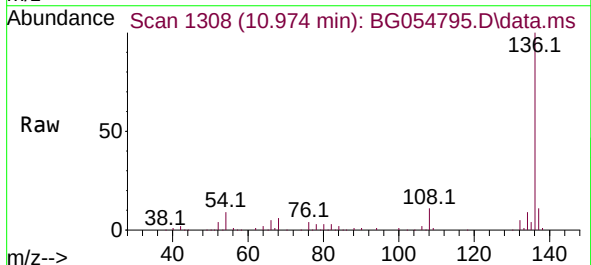
Instrument :
BNA_G
ClientSampleId :
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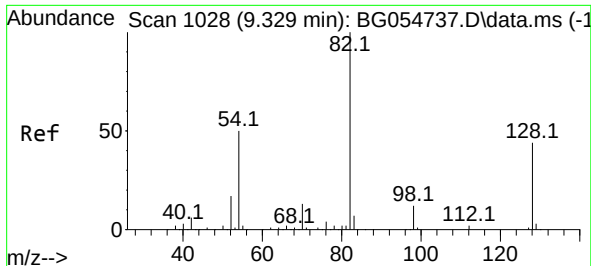
Tgt Ion: 99 Resp: 452899
Ion Ratio Lower Upper
99 100
42 17.5 14.6 22.0
71 31.4 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

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# 10

Delta R.T. -0.006 min

Lab File: BG054795.D

Acq: 30 Aug 2022 18:44

Instrument :

BNA_G

ClientSampleId :

F

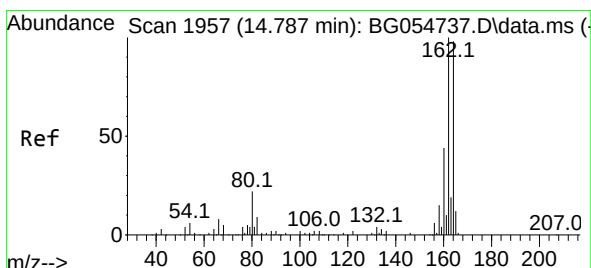
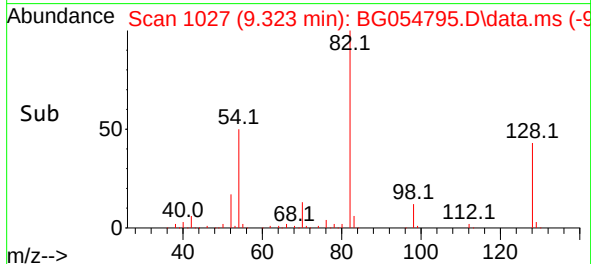
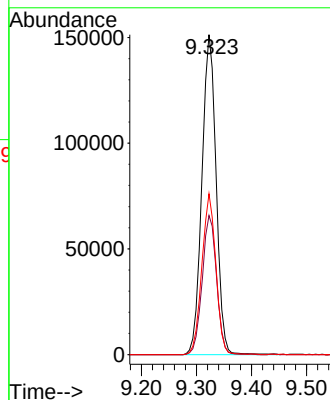
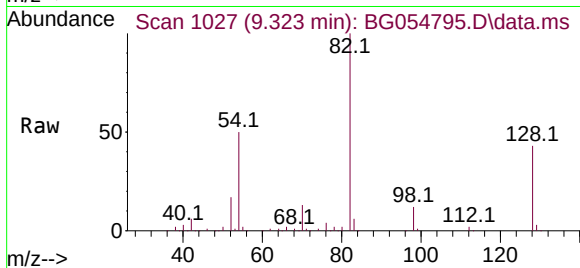
Tgt Ion: 82 Resp: 271527

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

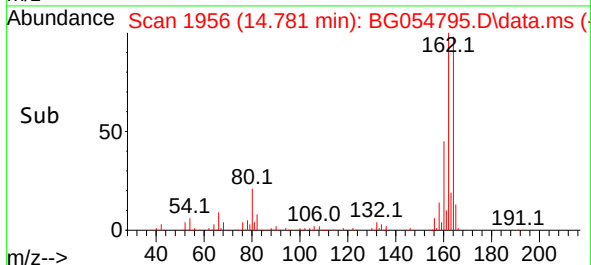
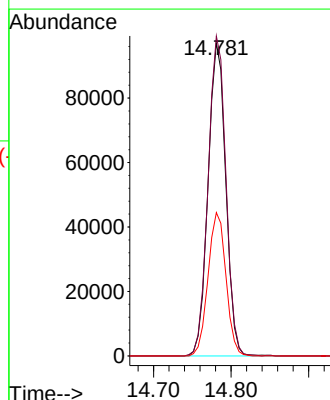
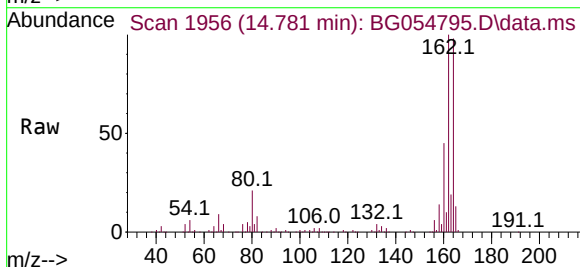
Tgt Ion:164 Resp: 153610

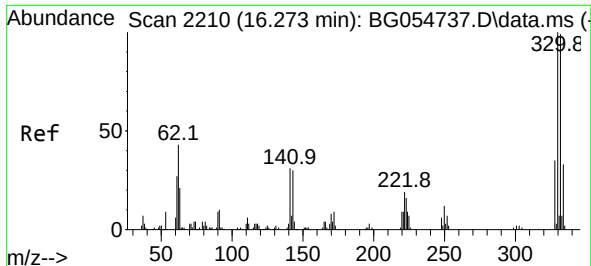
Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.4

160 45.8 38.0 57.0

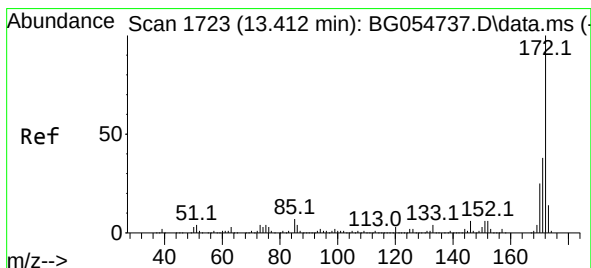
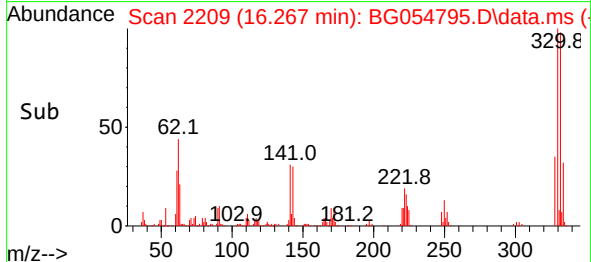
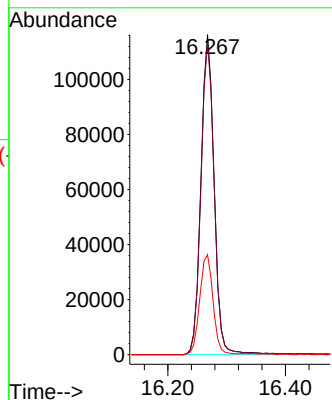
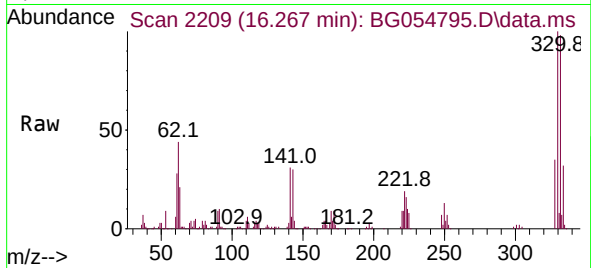




#42
2,4,6-Tribromophenol
Concen: 94.404 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

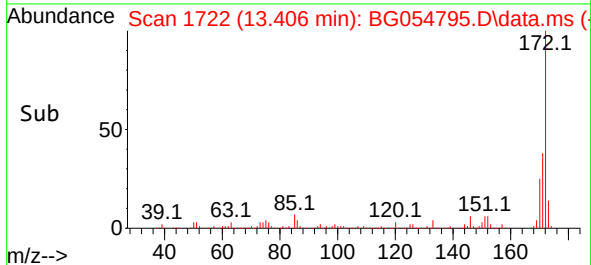
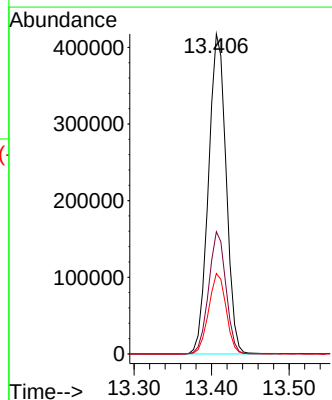
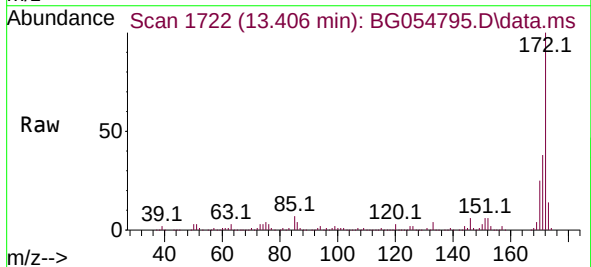
Instrument :
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ClientSampleId :
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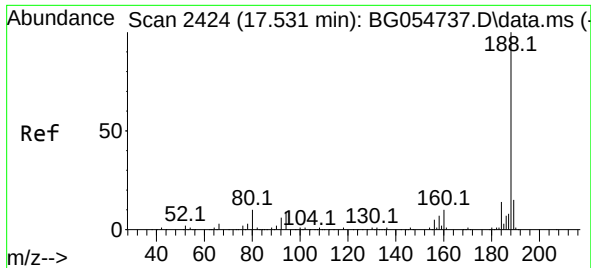
Tgt Ion:330 Resp: 181205
Ion Ratio Lower Upper
330 100
332 98.2 79.8 119.6
141 31.5 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 64.437 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

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

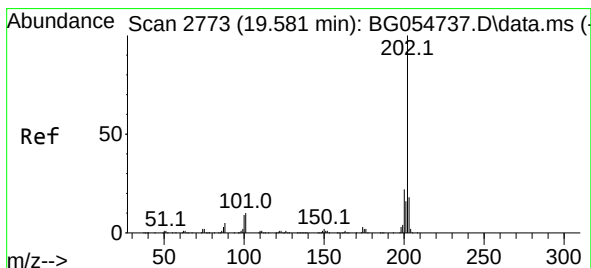
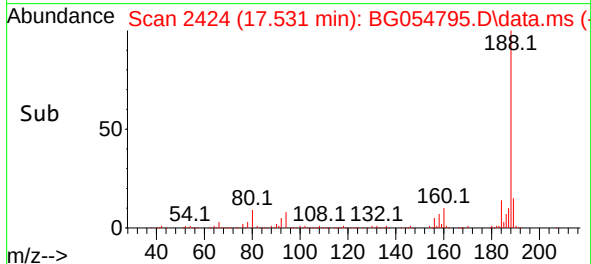
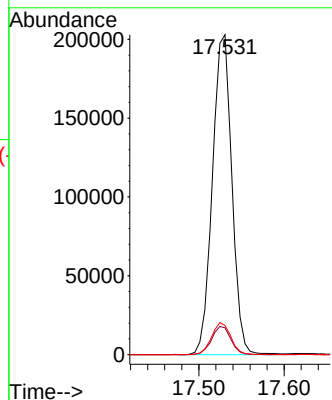
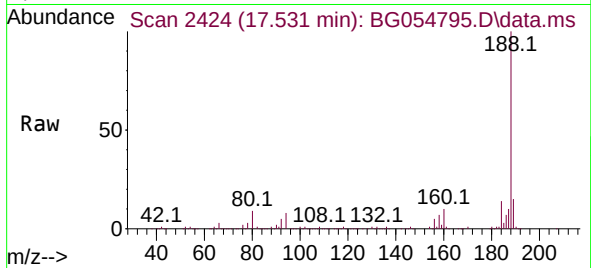




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.531 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

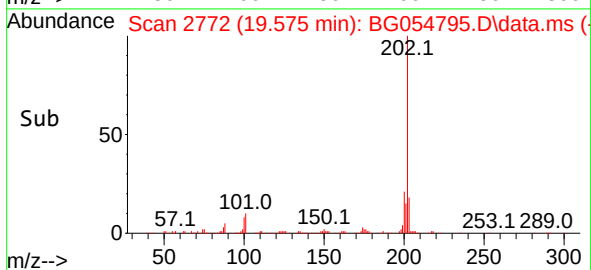
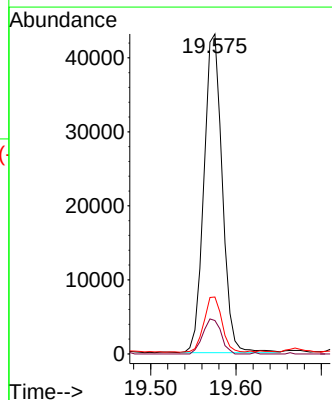
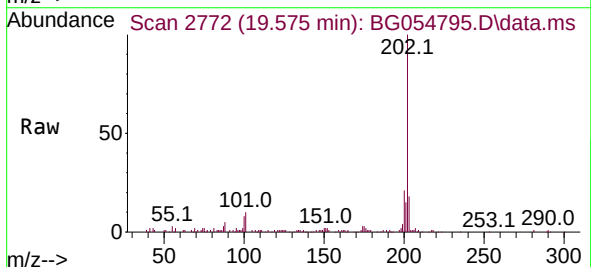
Instrument :
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ClientSampleId :
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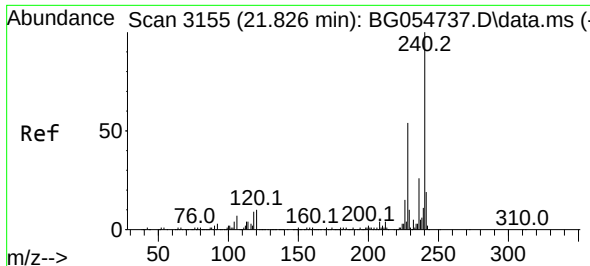
Tgt Ion:188 Resp: 321156
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.1 7.9 11.9



#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

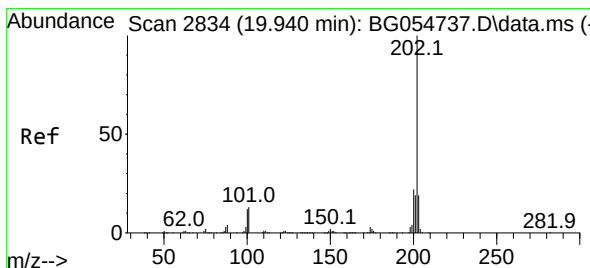
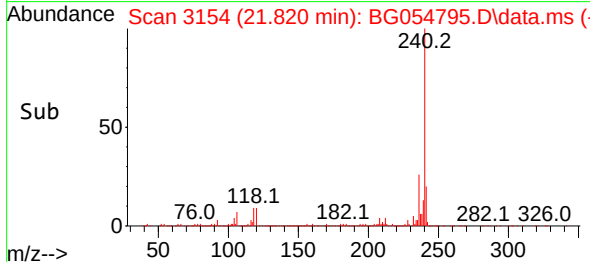
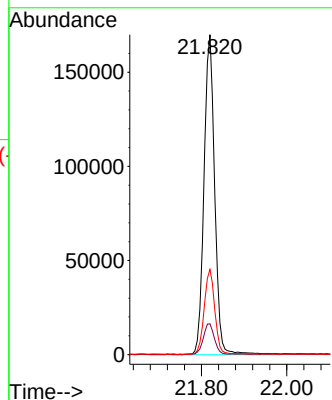
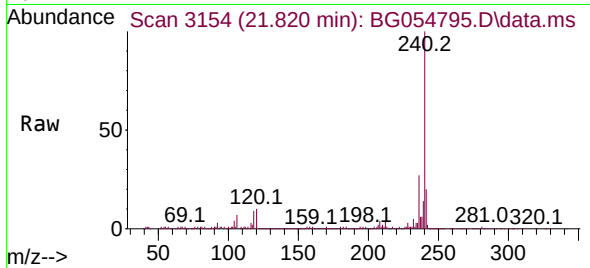




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.820 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

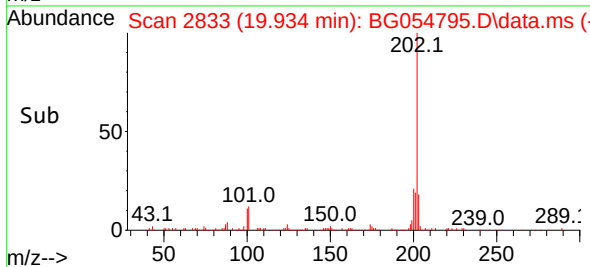
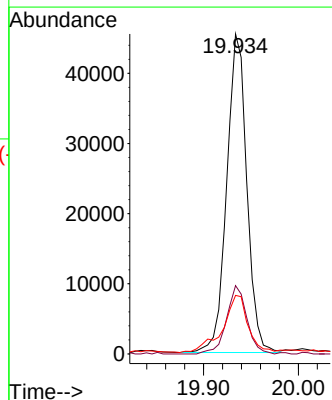
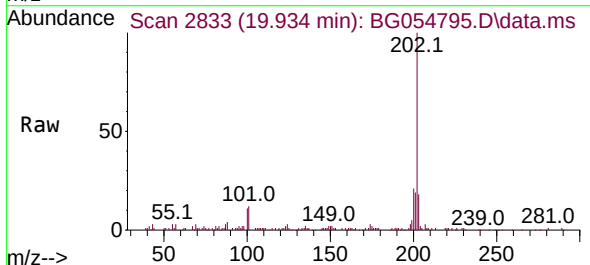
Instrument :
BNA_G
ClientSampleId :
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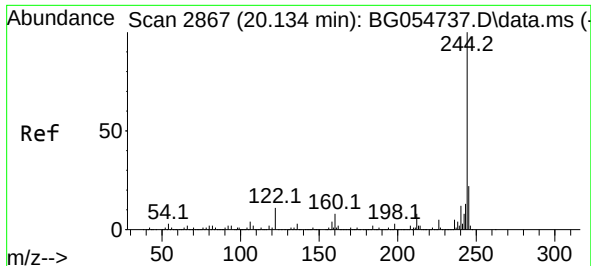
Tgt Ion:240 Resp: 295880
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 26.6 21.2 31.8



#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

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

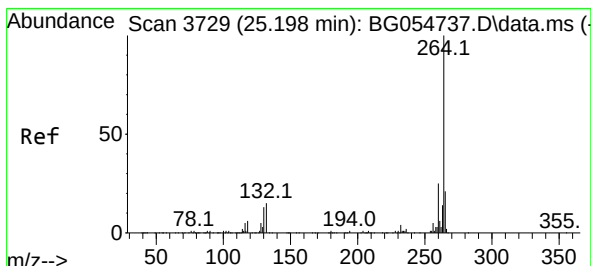
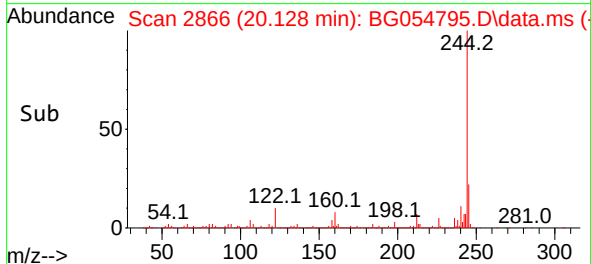
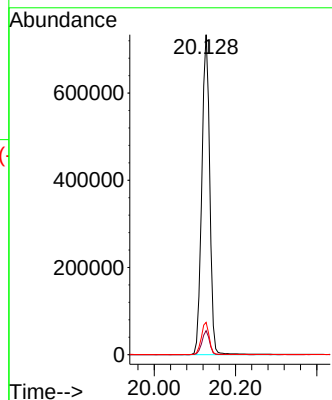
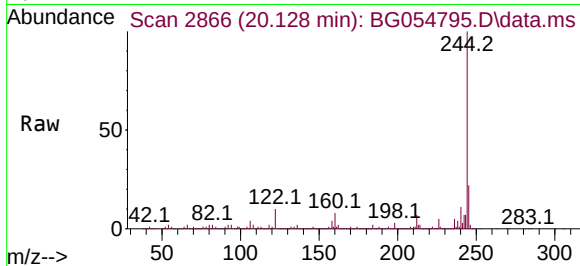




#79
 Terphenyl-d14
 Concen: 66.206 ng
 RT: 20.128 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG054795.D
 Acq: 30 Aug 2022 18:44

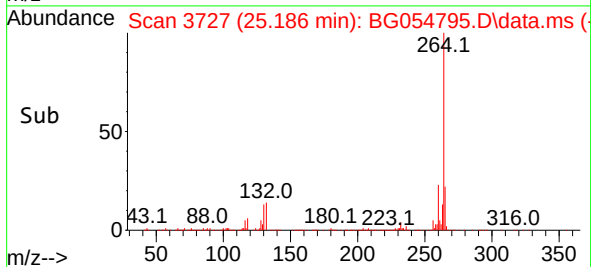
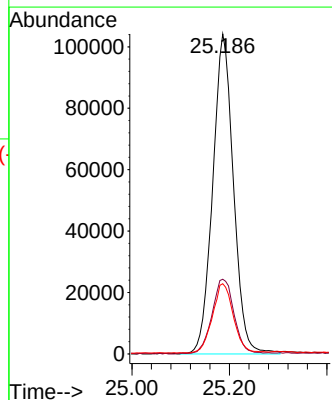
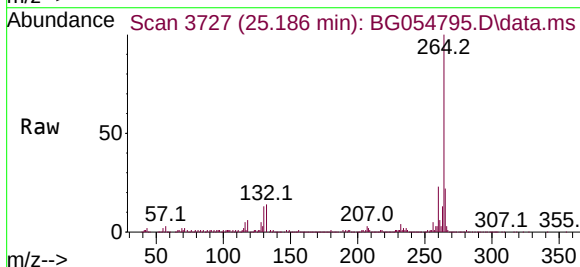
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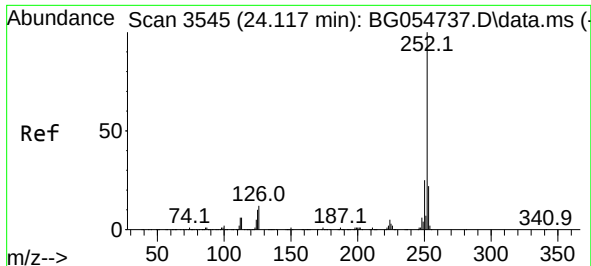
Tgt Ion:244 Resp: 988655
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.186 min Scan# 3727
 Delta R.T. -0.012 min
 Lab File: BG054795.D
 Acq: 30 Aug 2022 18:44

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

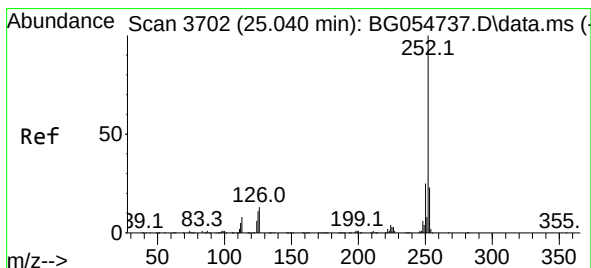
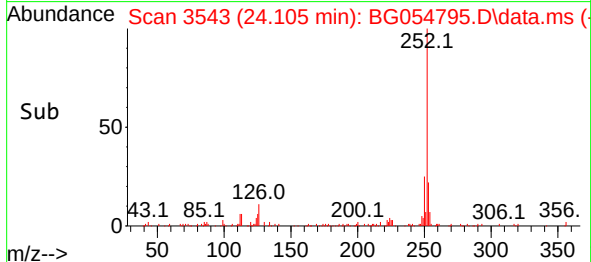
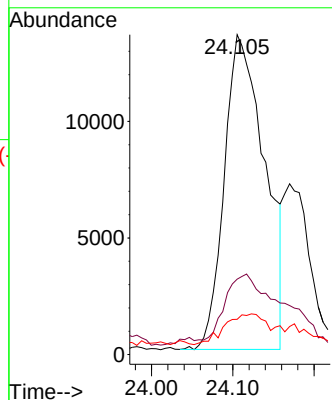
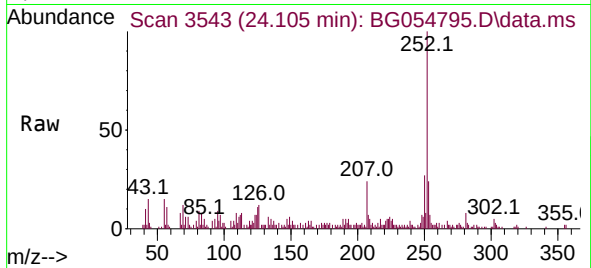




#88
Benzo(b)fluoranthene
Concen: 2.422 ng
RT: 24.105 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG054795.D
Acq: 30 Aug 2022 18:44

Instrument :
BNA_G
ClientSampleId :
F

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



#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#

