

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
 Data File : BG054960.D
 Acq On : 15 Sep 2022 17:35
 Operator : CG/JU
 Sample : N4597-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Quant Time: Sep 16 05:30:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

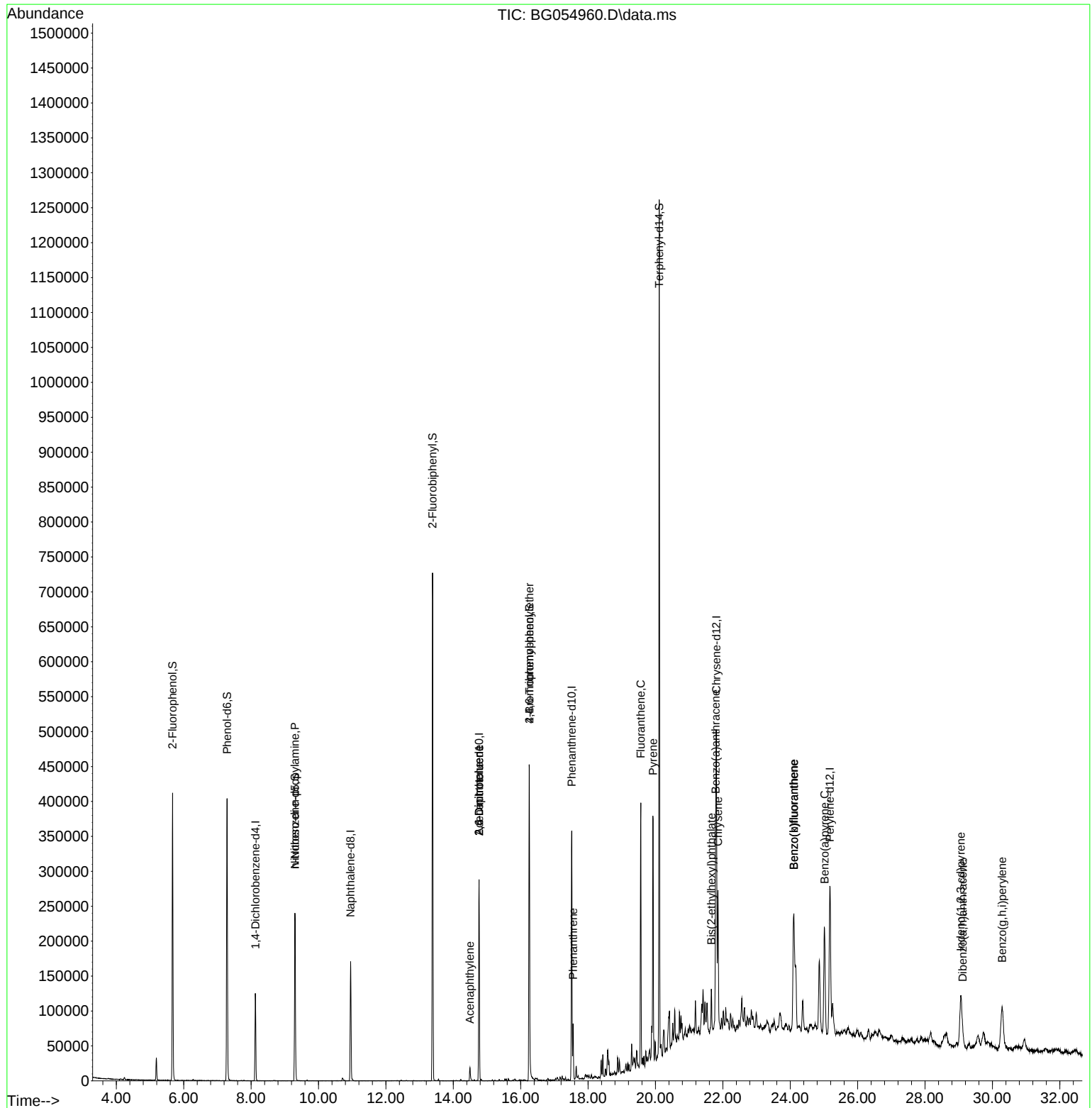
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	40151	20.000	ng	0.00
21) Naphthalene-d8	10.952	136	159507	20.000	ng	# 0.00
39) Acenaphthene-d10	14.766	164	106902	20.000	ng	0.00
64) Phenanthrene-d10	17.515	188	237387	20.000	ng	0.00
76) Chrysene-d12	21.810	240	225017	20.000	ng	0.00
86) Perylene-d12	25.177	264	242621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	203695	88.343	ng	0.00
7) Phenol-d6	7.286	99	272768	86.503	ng	0.00
23) Nitrobenzene-d5	9.301	82	161759	53.238	ng	0.00
42) 2,4,6-Tribromophenol	16.258	330	121281	90.792	ng	0.00
45) 2-Fluorobiphenyl	13.385	172	411500	57.856	ng	0.00
79) Terphenyl-d14	20.112	244	628065	55.304	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.301	70	19668	9.070	ng	# 77
49) Acenaphthylene	14.495	152	21559	2.167	ng	98
51) 2,6-Dinitrotoluene	14.766	165	13995	8.308	ng	# 20
57) 2,4-Dinitrotoluene	14.766	165	13995	6.006	ng	# 18
67) 4-Bromophenyl-phenylether	16.258	248	6939	2.662	ng	# 1
71) Phenanthrene	17.556	178	53937	4.265	ng	99
75) Fluoranthene	19.566	202	241398	15.692	ng	97
78) Pyrene	19.930	202	236908	15.099	ng	98
81) Benzo(a)anthracene	21.787	228	158731	10.404	ng	99
83) Chrysene	21.857	228	156104	10.701	ng	98
84) Bis(2-ethylhexyl)phtha...	21.658	149	24095	2.555	ng	# 99
87) Indeno(1,2,3-cd)pyrene	29.061	276	131111	7.118	ng	97
88) Benzo(b)fluoranthene	24.108	252	240791	15.821	ng	98
89) Benzo(k)fluoranthene	24.108	252	240791	15.720	ng	98
90) Benzo(a)pyrene	25.018	252	172630	13.276	ng	98
91) Dibenzo(a,h)anthracene	29.119	278	32798	2.186	ng	94
92) Benzo(g,h,i)perylene	30.289	276	131660	8.685	ng	95

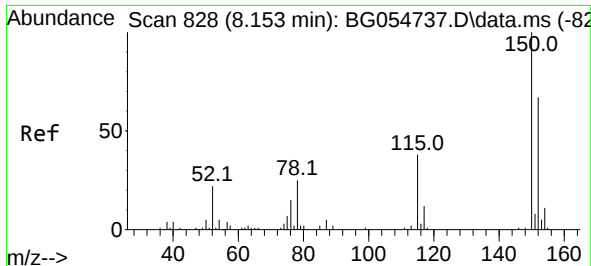
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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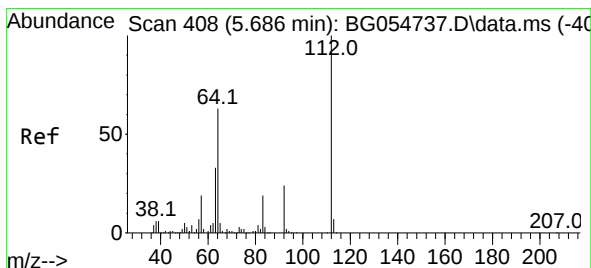
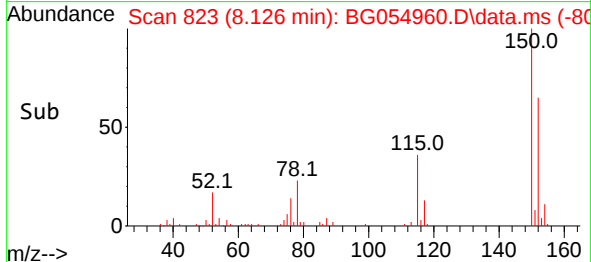
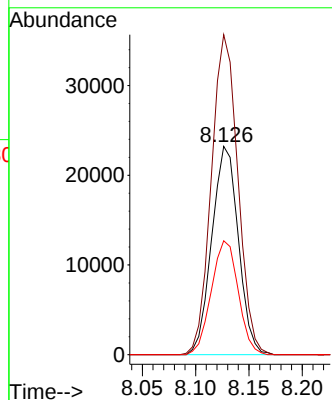
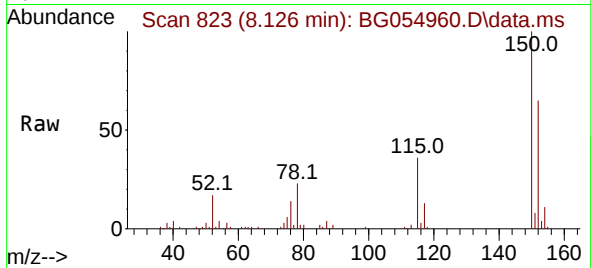




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.126 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

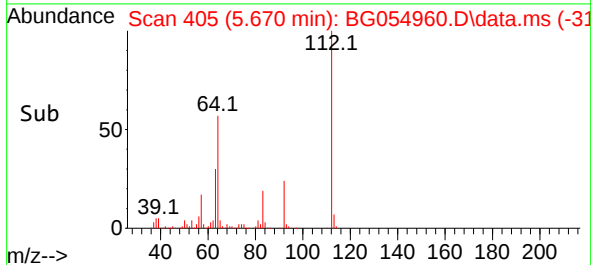
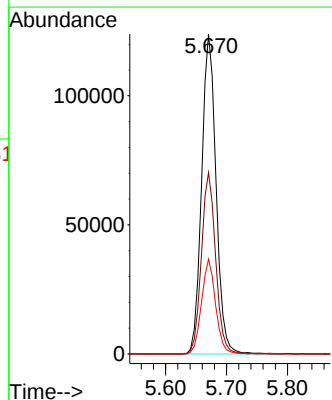
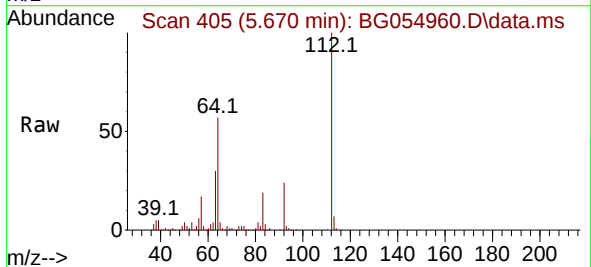
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:152 Resp: 40151
Ion Ratio Lower Upper
152 100
150 153.7 125.2 187.8
115 54.7 47.9 71.9



#5
2-Fluorophenol
Concen: 88.343 ng
RT: 5.670 min Scan# 405
Delta R.T. -0.003 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion:112 Resp: 203695
Ion Ratio Lower Upper
112 100
64 56.7 49.3 73.9
63 29.6 26.3 39.5

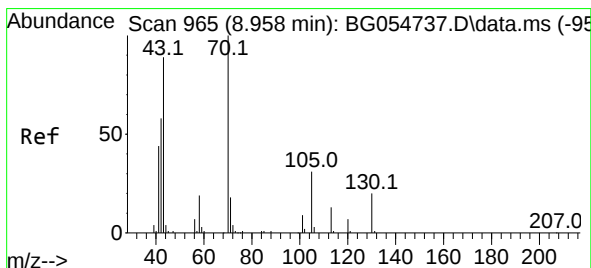
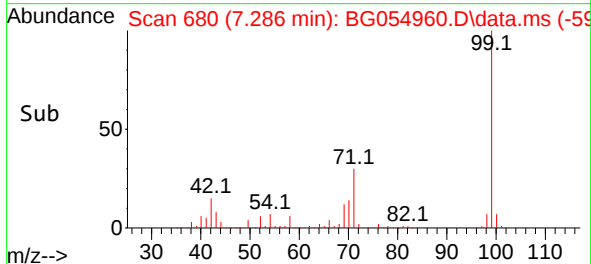
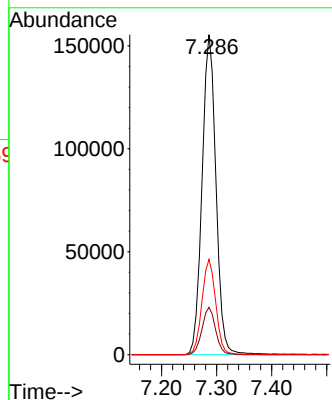
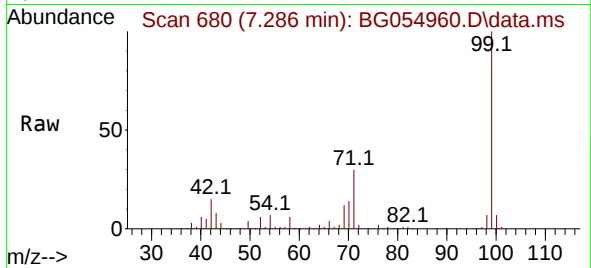




#7
Phenol-d6
Concen: 86.503 ng
RT: 7.286 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

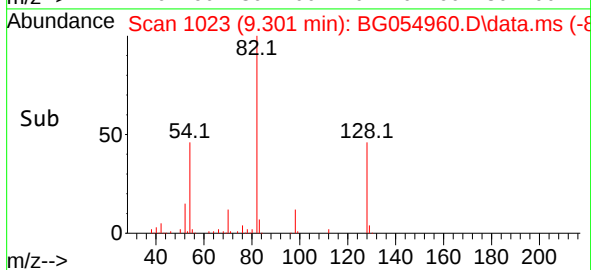
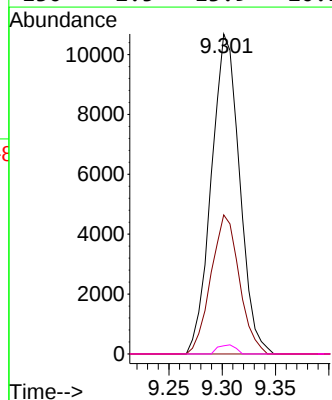
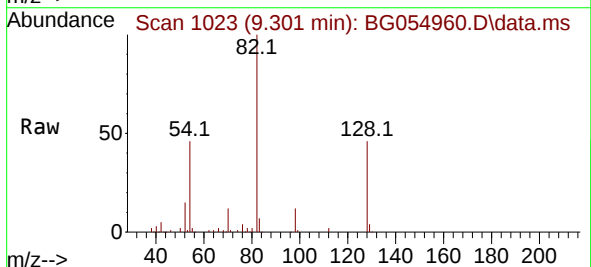
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion: 99 Resp: 272768
Ion Ratio Lower Upper
99 100
42 14.8 14.6 22.0
71 29.8 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.070 ng
RT: 9.301 min Scan# 1023
Delta R.T. 0.362 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion: 70 Resp: 19668
Ion Ratio Lower Upper
70 100
42 43.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.5 13.9 20.9#





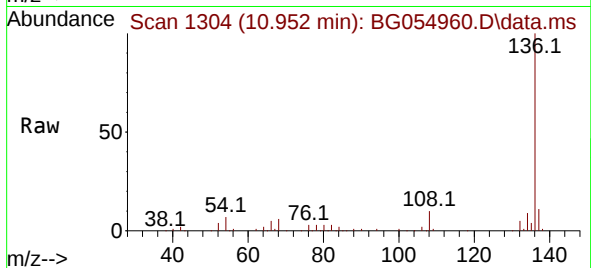
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.952 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Instrument :

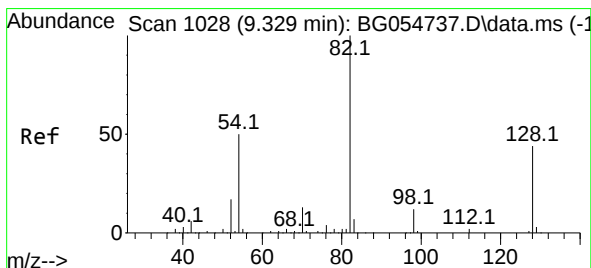
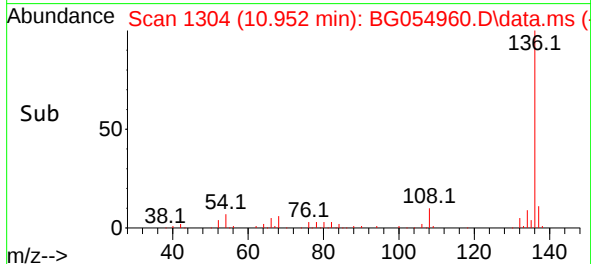
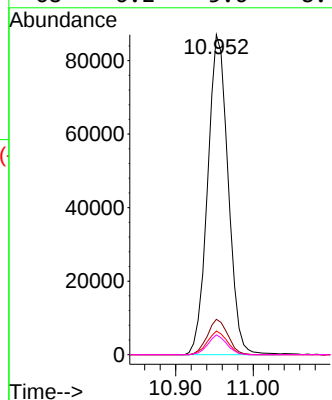
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ClientSampleId :

SB-03-COMP

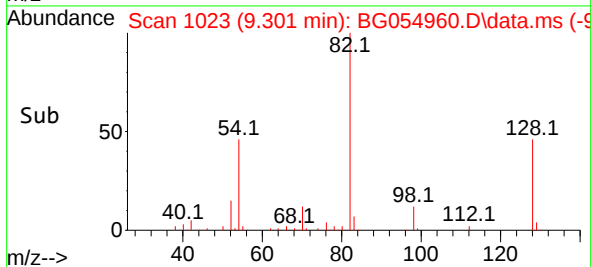
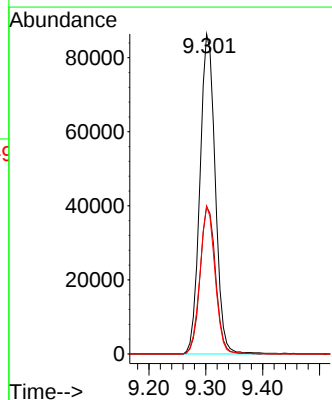
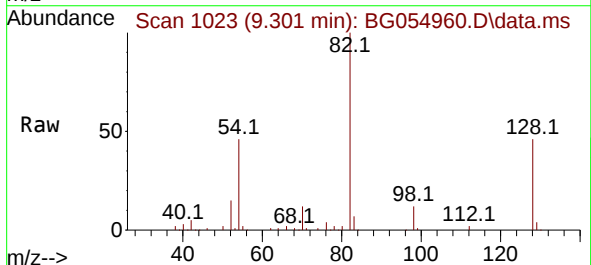


Tgt Ion:136 Resp: 159507
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.4 7.7 11.5#
68 6.2 5.6 8.4



#23
Nitrobenzene-d5
Concen: 53.238 ng
RT: 9.301 min Scan# 1023
Delta R.T. -0.008 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion: 82 Resp: 161759
Ion Ratio Lower Upper
82 100
128 46.1 32.2 48.2
54 46.2 41.4 62.0

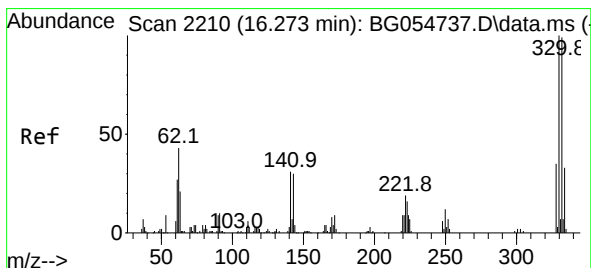
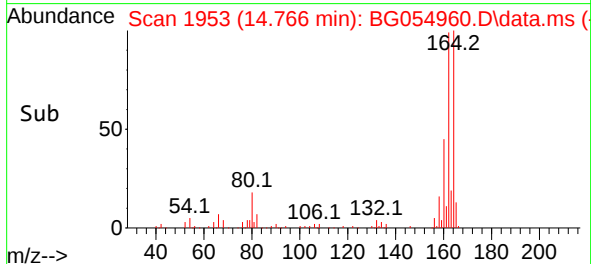
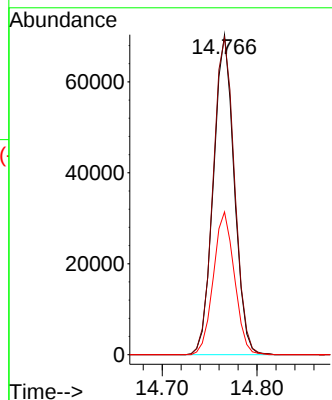
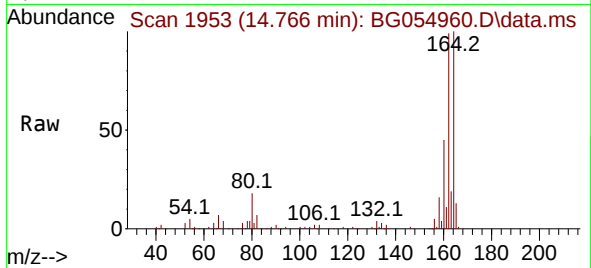




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1953
Delta R.T. -0.008 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

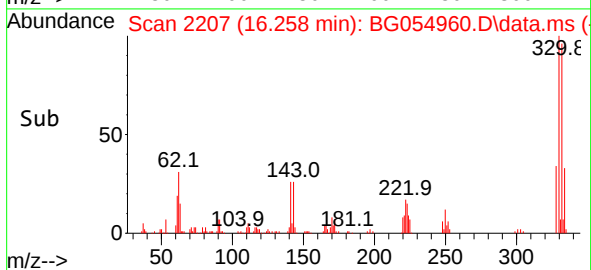
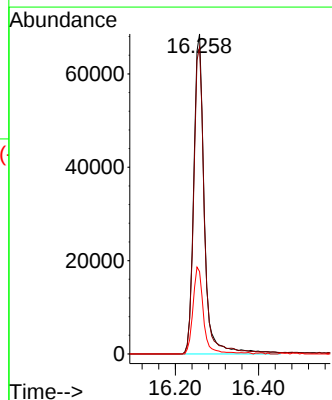
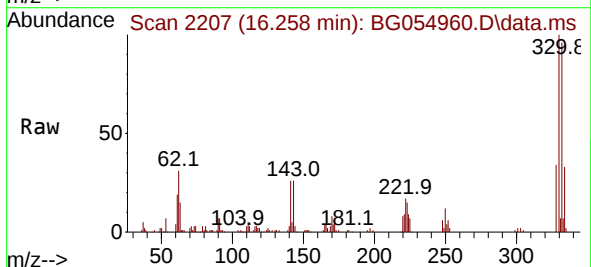
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ClientSampleId :
SB-03-COMP

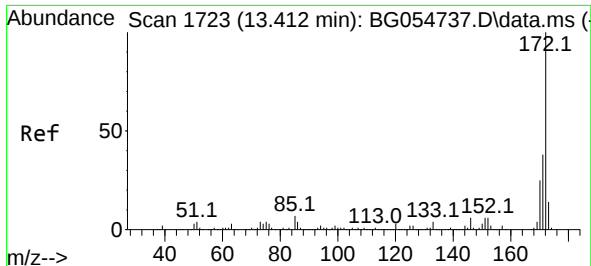
Tgt Ion:164 Resp: 106902
Ion Ratio Lower Upper
164 100
162 99.1 83.0 124.4
160 44.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 90.792 ng
RT: 16.258 min Scan# 2207
Delta R.T. -0.003 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion:330 Resp: 121281
Ion Ratio Lower Upper
330 100
332 96.4 79.8 119.6
141 26.8 26.8 40.2#

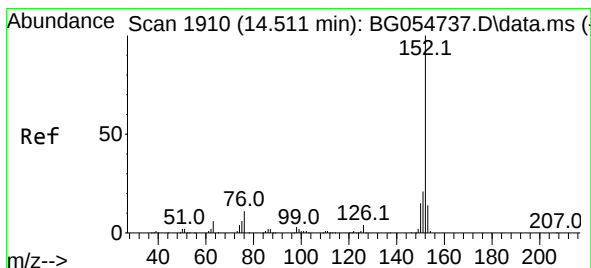
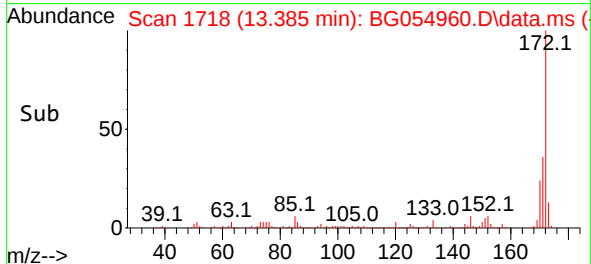
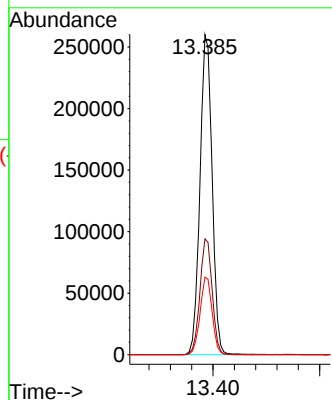
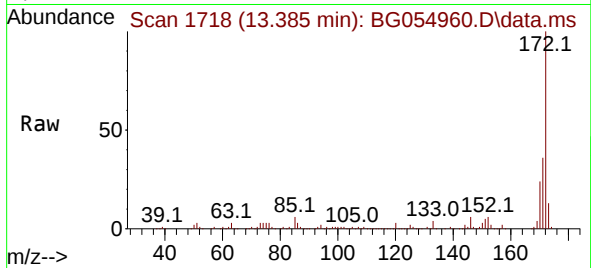




#45
2-Fluorobiphenyl
Concen: 57.856 ng
RT: 13.385 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

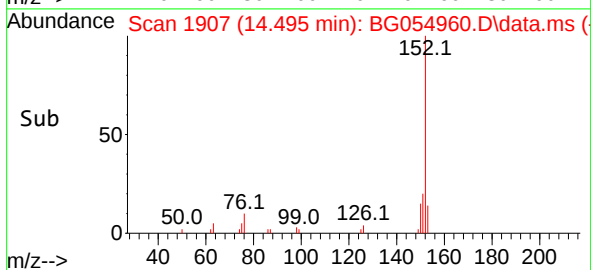
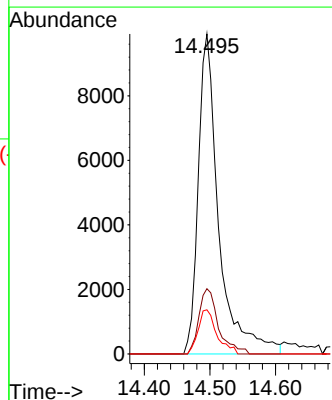
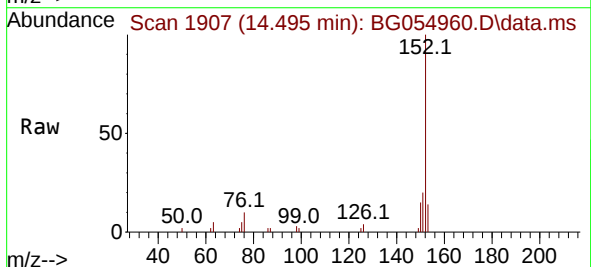
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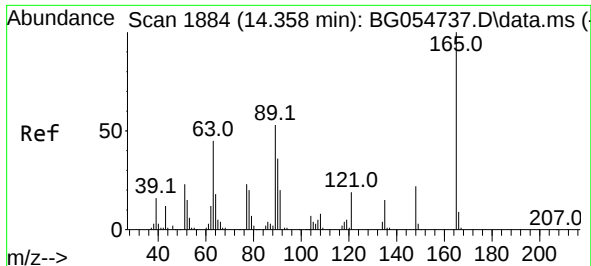
Tgt Ion:172 Resp: 411500
Ion Ratio Lower Upper
172 100
171 36.2 31.2 46.8
170 24.3 20.6 30.8



#49
Acenaphthylene
Concen: 2.167 ng
RT: 14.495 min Scan# 1907
Delta R.T. -0.003 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion:152 Resp: 21559
Ion Ratio Lower Upper
152 100
151 20.4 17.3 25.9
153 13.8 10.8 16.2

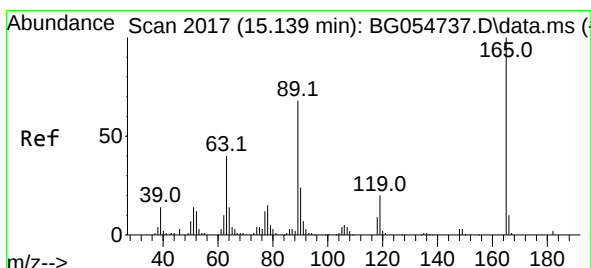
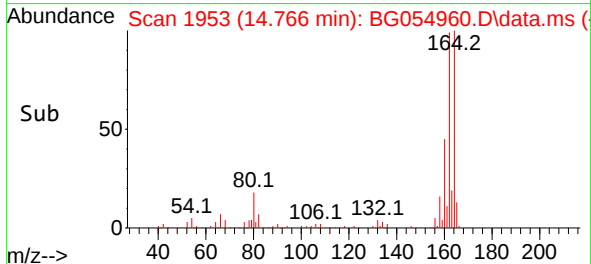
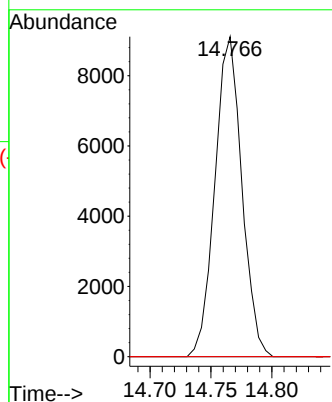
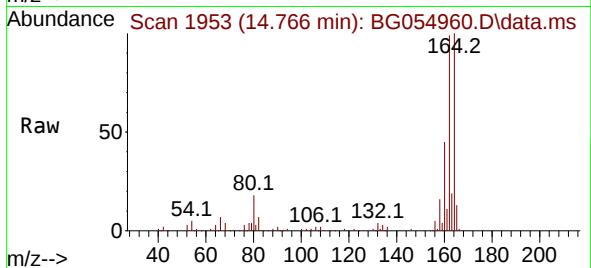




#51
2,6-Dinitrotoluene
Concen: 8.308 ng
RT: 14.766 min Scan# 1953
Delta R.T. 0.420 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

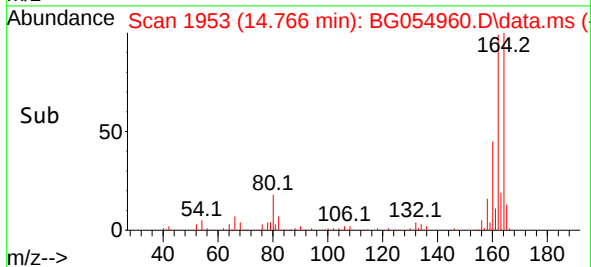
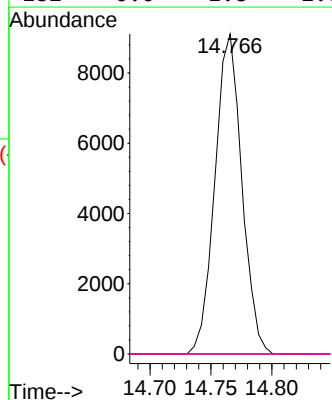
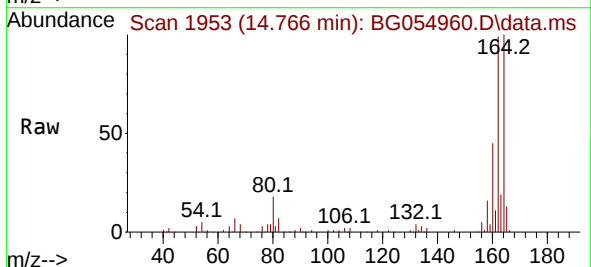
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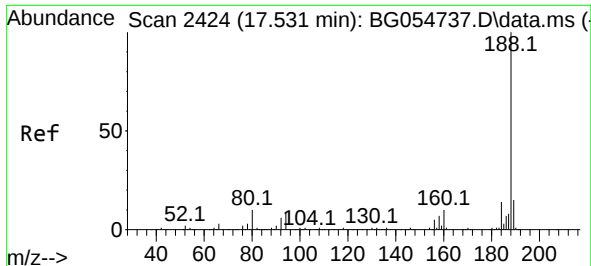
Tgt Ion:165 Resp: 13995
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 6.006 ng
RT: 14.766 min Scan# 1953
Delta R.T. -0.373 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion:165 Resp: 13995
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#

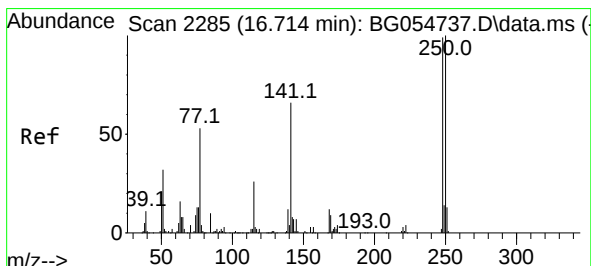
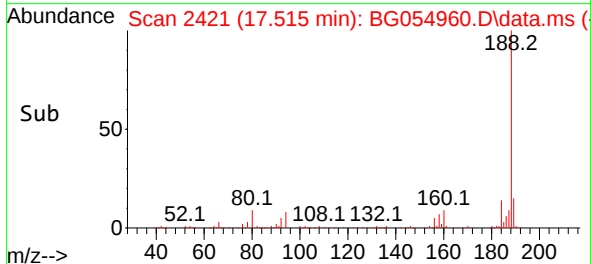
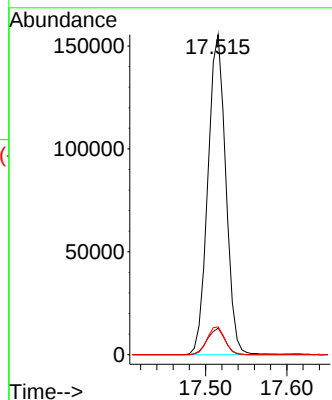
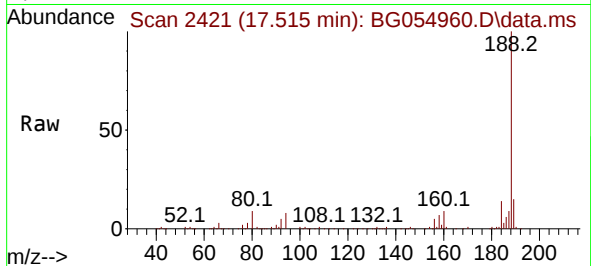




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.515 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

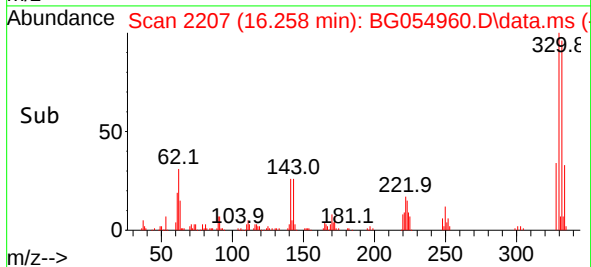
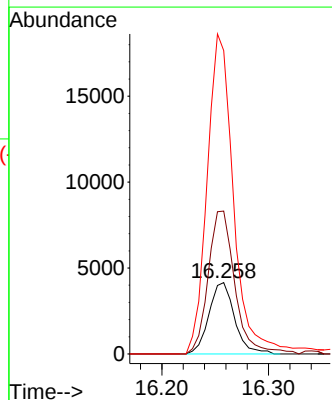
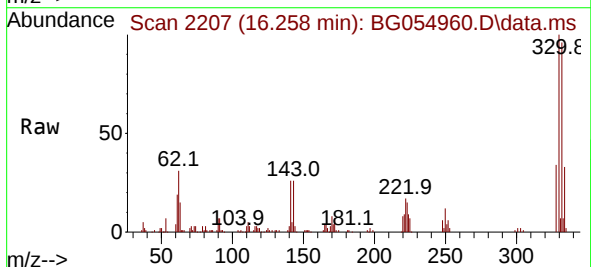
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BNA_G
ClientSampleId :
SB-03-COMP

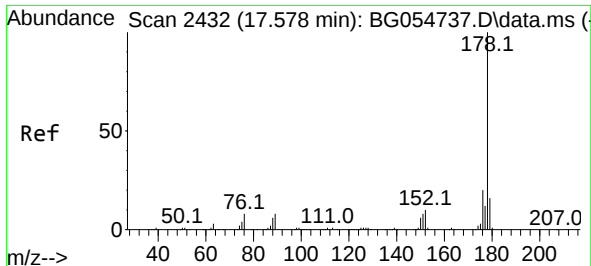
Tgt Ion:188 Resp: 237387
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 8.7 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.662 ng
RT: 16.258 min Scan# 2207
Delta R.T. -0.443 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion:248 Resp: 6939
Ion Ratio Lower Upper
248 100
250 200.2 78.8 118.2#
141 424.8 51.9 77.9#

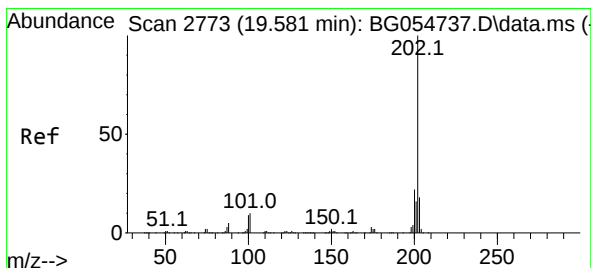
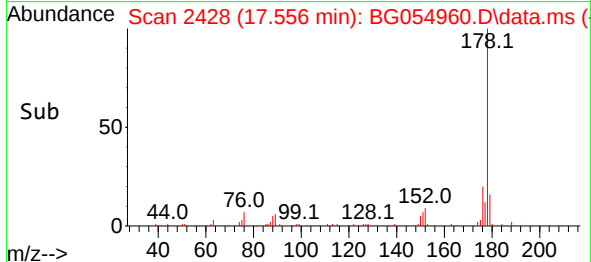
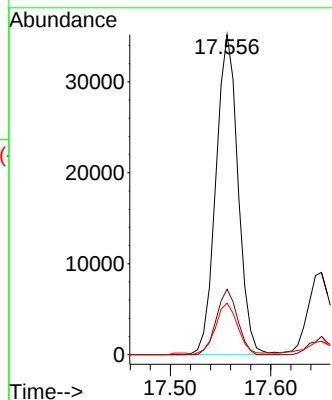
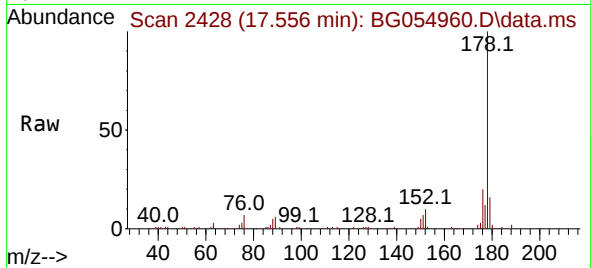




#71
Phenanthrene
Concen: 4.265 ng
RT: 17.556 min Scan# 2432
Delta R.T. -0.008 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

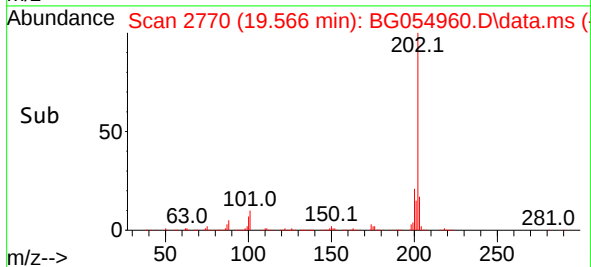
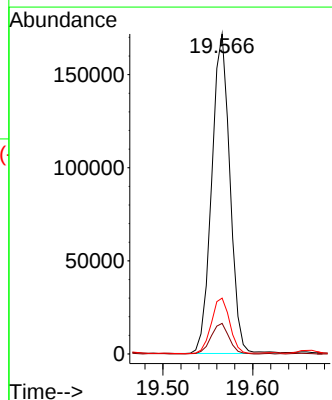
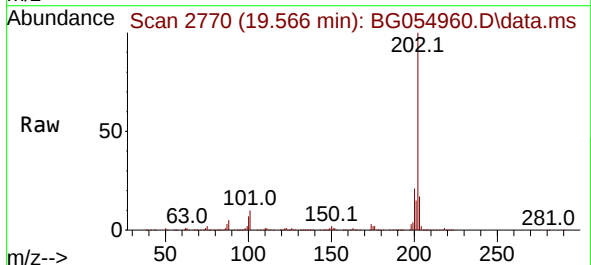
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

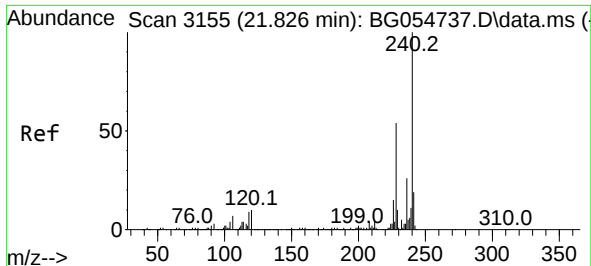
Tgt Ion:178 Resp: 53937
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 16.1 12.8 19.2



#75
Fluoranthene
Concen: 15.692 ng
RT: 19.566 min Scan# 2770
Delta R.T. -0.003 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion:202 Resp: 241398
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.4
203 17.5 0.0 38.6

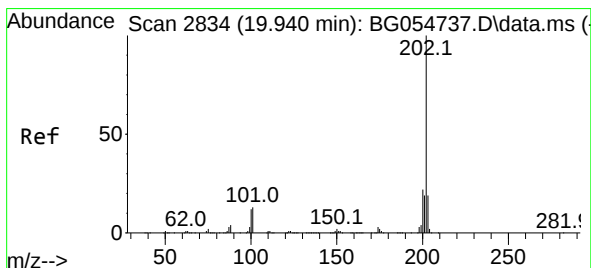
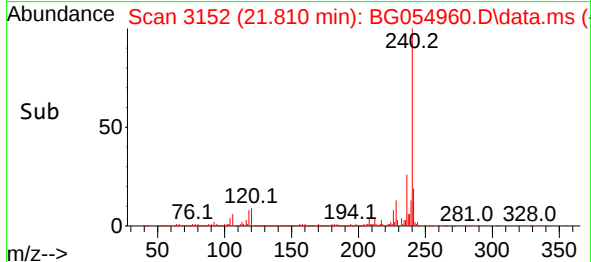
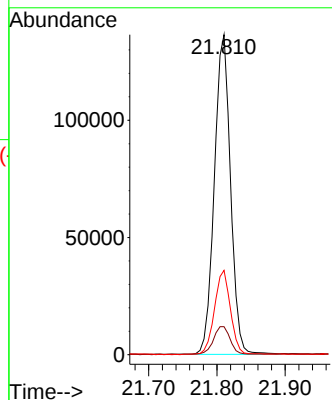
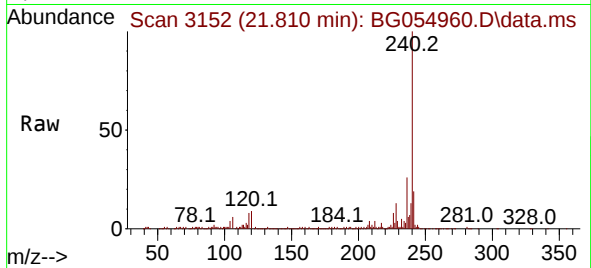




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.810 min Scan# 3155
Delta R.T. -0.008 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

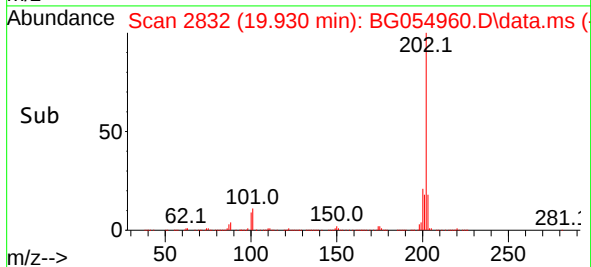
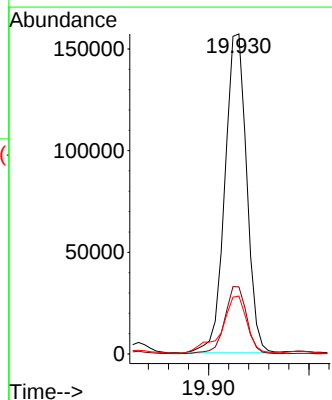
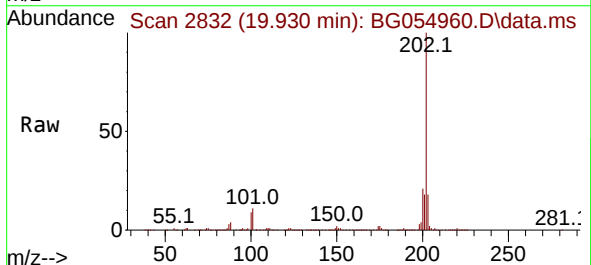
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

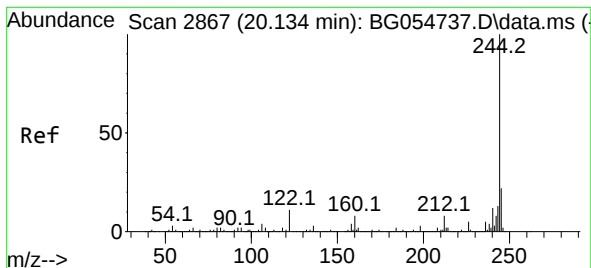
Tgt Ion:240 Resp: 225017
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.4
236 26.4 21.2 31.8



#78
Pyrene
Concen: 15.099 ng
RT: 19.930 min Scan# 2832
Delta R.T. -0.003 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion:202 Resp: 236908
Ion Ratio Lower Upper
202 100
200 20.9 17.8 26.6
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 55.304 ng

RT: 20.112 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG054960.D

Acq: 15 Sep 2022 17:35

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

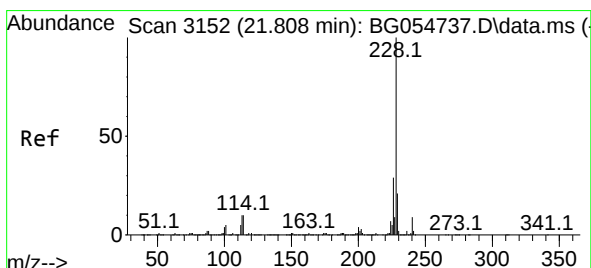
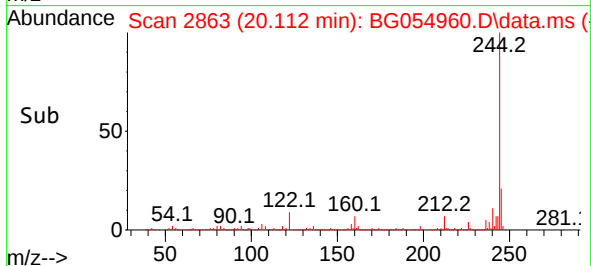
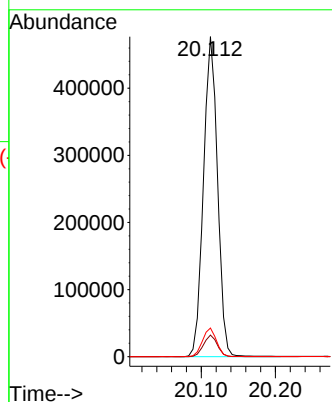
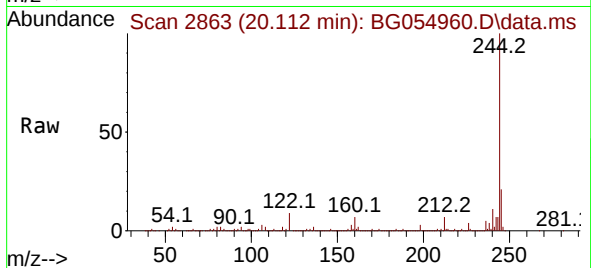
Tgt Ion:244 Resp: 628065

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

122 8.9 9.0 13.6#



#81

Benzo(a)anthracene

Concen: 10.404 ng

RT: 21.787 min Scan# 3148

Delta R.T. -0.008 min

Lab File: BG054960.D

Acq: 15 Sep 2022 17:35

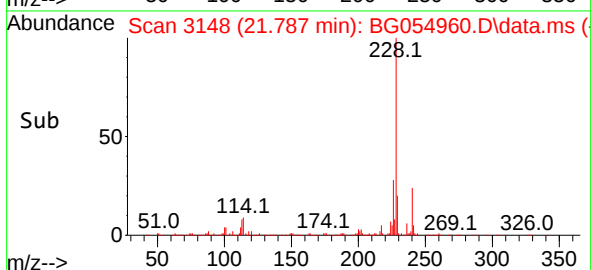
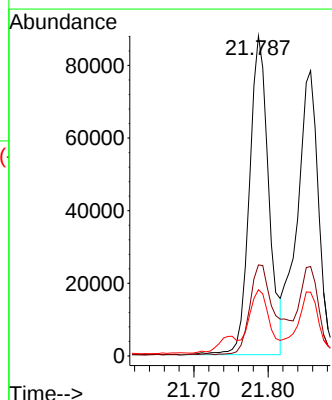
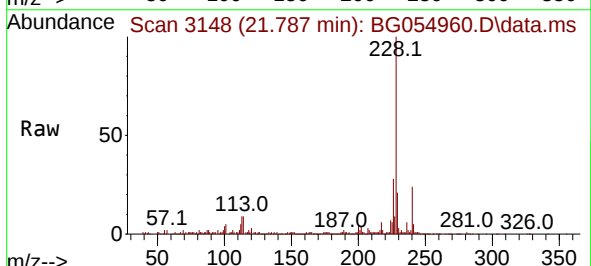
Tgt Ion:228 Resp: 158731

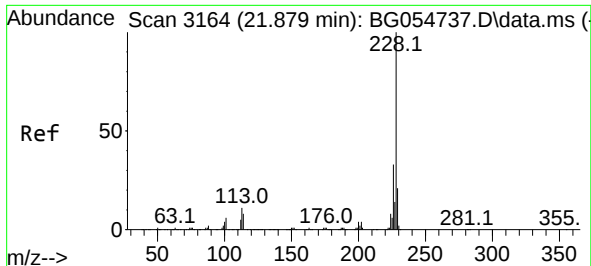
Ion Ratio Lower Upper

228 100

226 28.4 23.4 35.2

229 20.7 16.5 24.7

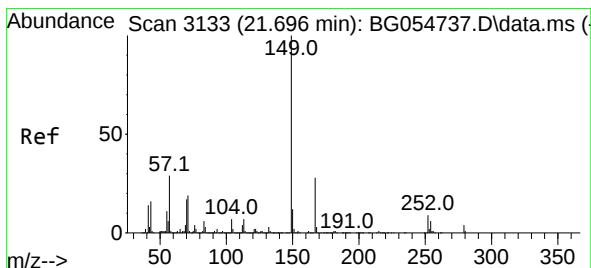
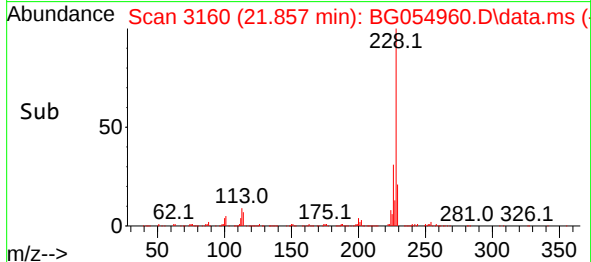
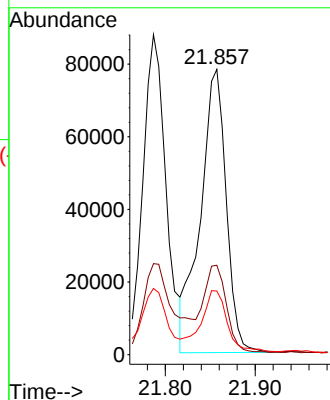
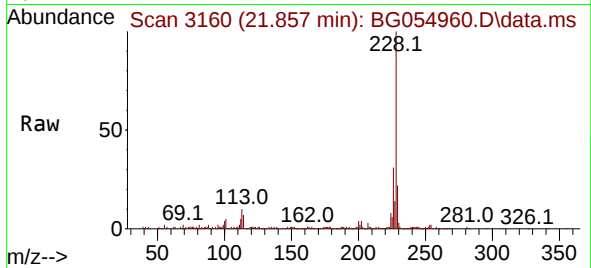




#83
Chrysene
Concen: 10.701 ng
RT: 21.857 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

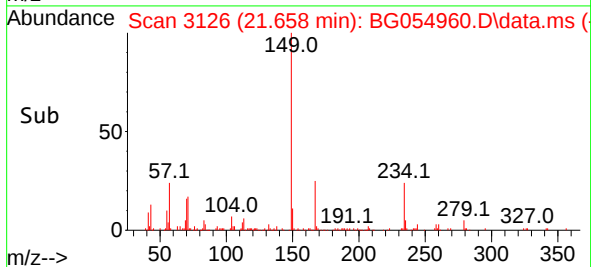
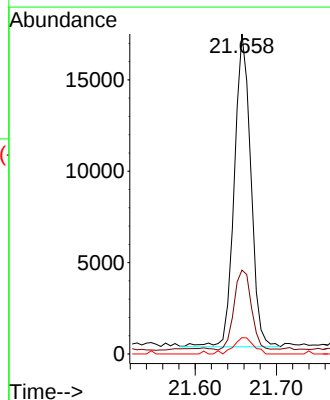
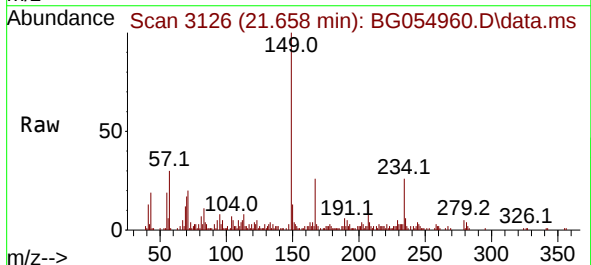
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

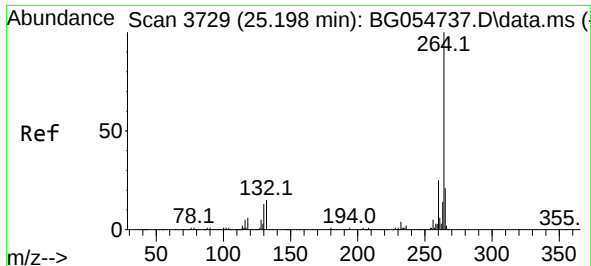
Tgt Ion:228 Resp: 156104
Ion Ratio Lower Upper
228 100
226 31.4 25.5 38.3
229 22.3 16.8 25.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.555 ng
RT: 21.658 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion:149 Resp: 24095
Ion Ratio Lower Upper
149 100
167 26.2 21.4 32.0
279 5.1 3.1 4.7#

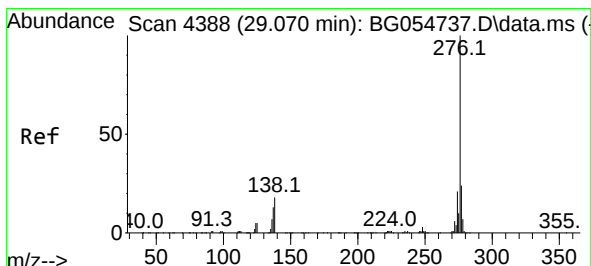
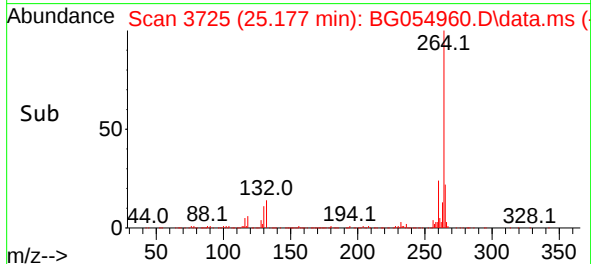
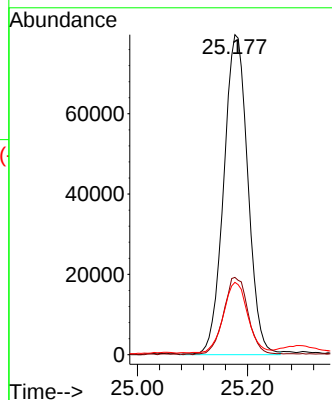
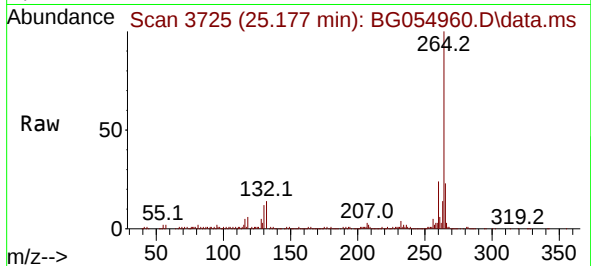




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.177 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

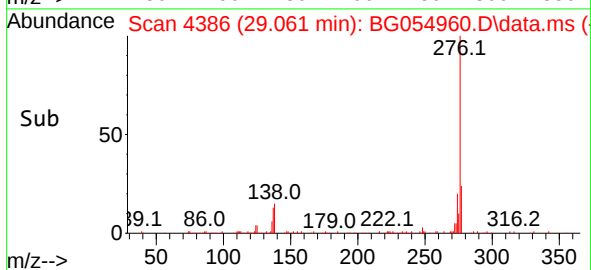
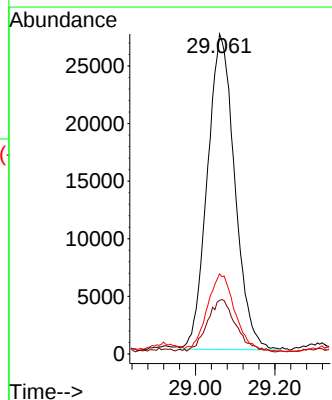
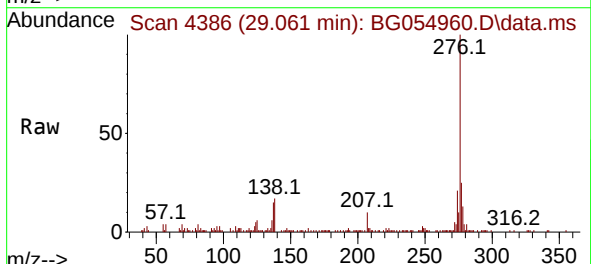
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

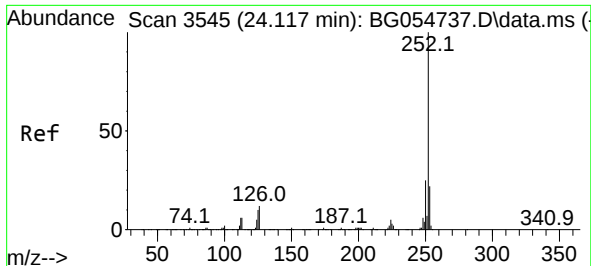
Tgt Ion:264 Resp: 242621
Ion Ratio Lower Upper
264 100
260 24.1 19.9 29.9
265 22.6 16.9 25.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.118 ng
RT: 29.061 min Scan# 4386
Delta R.T. -0.026 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion:276 Resp: 131111
Ion Ratio Lower Upper
276 100
138 17.5 12.0 18.0
277 25.1 20.2 30.4

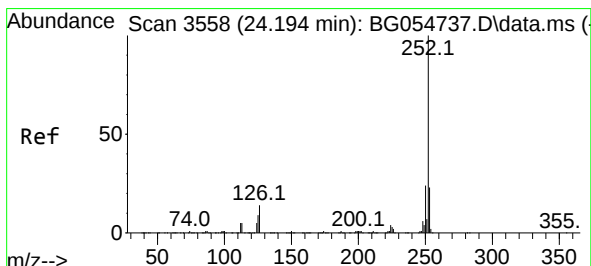
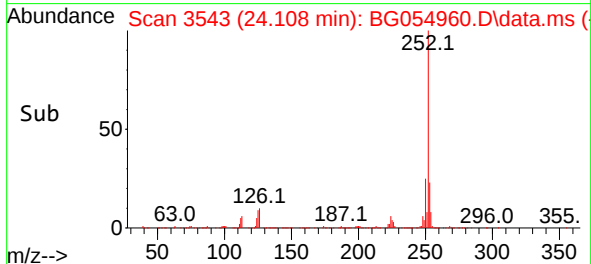
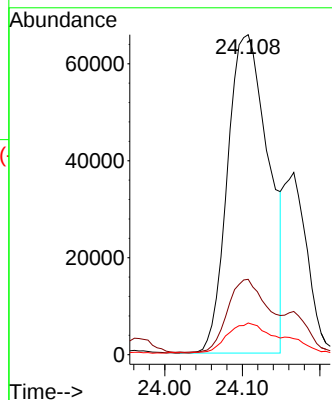
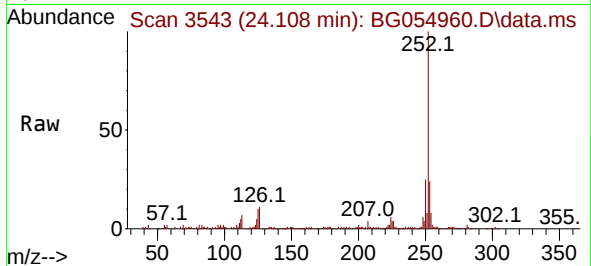




#88
Benzo(b)fluoranthene
Concen: 15.821 ng
RT: 24.108 min Scan# 3543
Delta R.T. -0.003 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

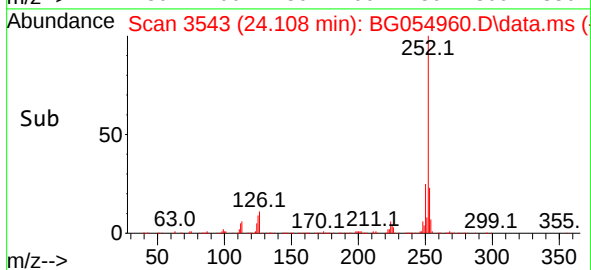
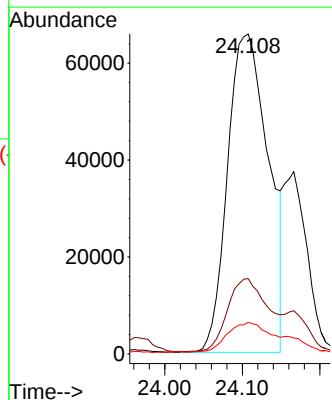
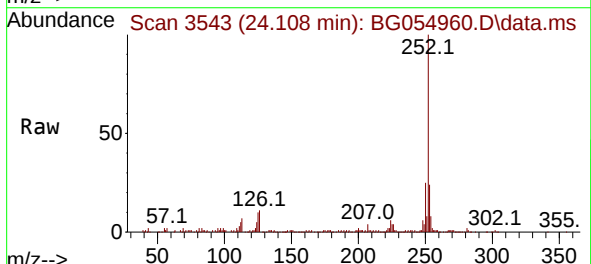
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

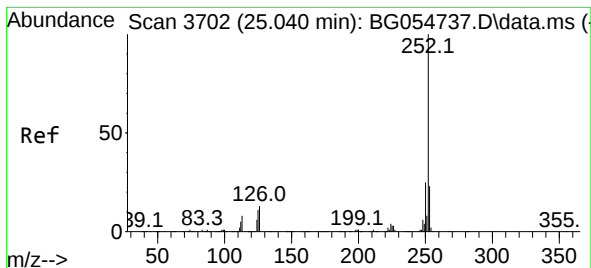
Tgt Ion:252 Resp: 240791
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 9.9 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 15.720 ng
RT: 24.108 min Scan# 3543
Delta R.T. -0.073 min
Lab File: BG054960.D
Acq: 15 Sep 2022 17:35

Tgt Ion:252 Resp: 240791
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 9.9 8.2 12.4





#90

Benzo(a)pyrene

Concen: 13.276 ng

RT: 25.018 min Scan# 3

Delta R.T. -0.014 min

Lab File: BG054960.D

Acq: 15 Sep 2022 17:35

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

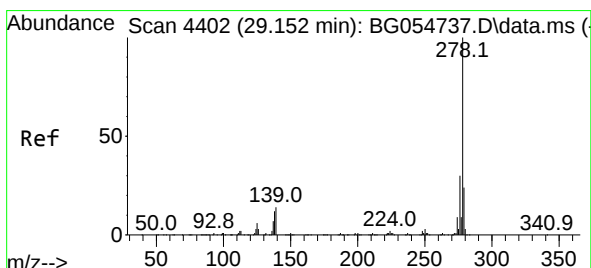
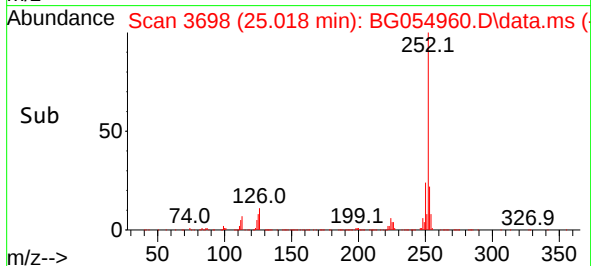
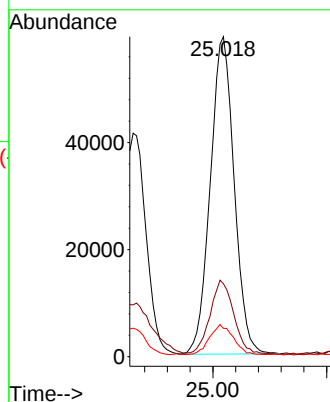
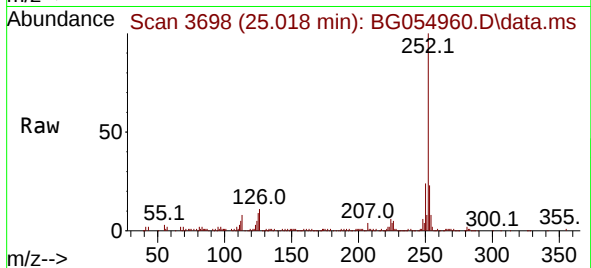
Tgt Ion:252 Resp: 172630

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

125 8.8 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 2.186 ng

RT: 29.119 min Scan# 4396

Delta R.T. -0.026 min

Lab File: BG054960.D

Acq: 15 Sep 2022 17:35

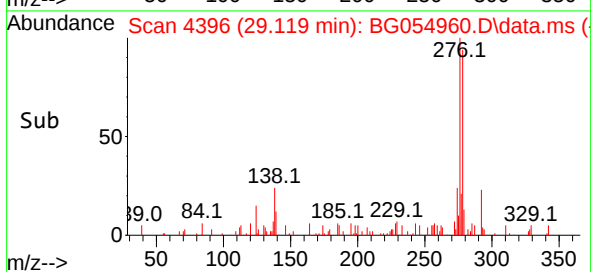
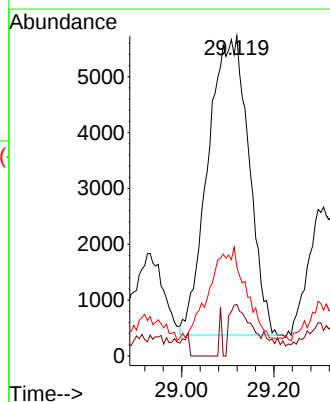
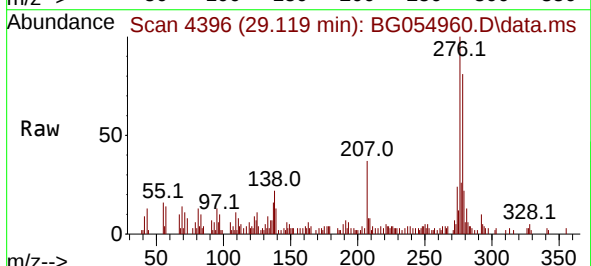
Tgt Ion:278 Resp: 32798

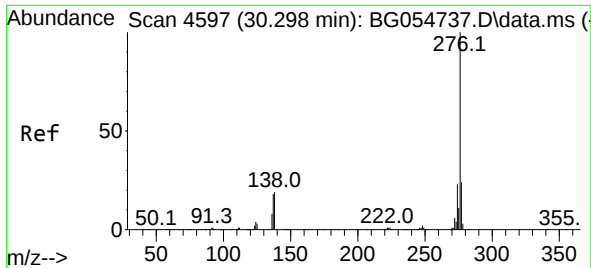
Ion Ratio Lower Upper

278 100

139 16.1 11.4 17.2

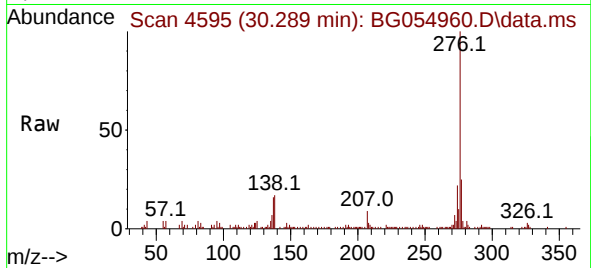
279 27.8 19.3 28.9





#92
 Benzo(g,h,i)perylene
 Concen: 8.685 ng
 RT: 30.289 min Scan# 4
 Delta R.T. -0.020 min
 Lab File: BG054960.D
 Acq: 15 Sep 2022 17:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP



Tgt Ion:	276	Resp:	131660
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.4	29.0
138	17.3	16.6	25.0

