

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041214.D
 Acq On : 01 Aug 2023 07:33
 Operator : MA/JU
 Sample : 03645-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-10-(0.5-2.0)

Quant Time: Aug 01 08:12:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

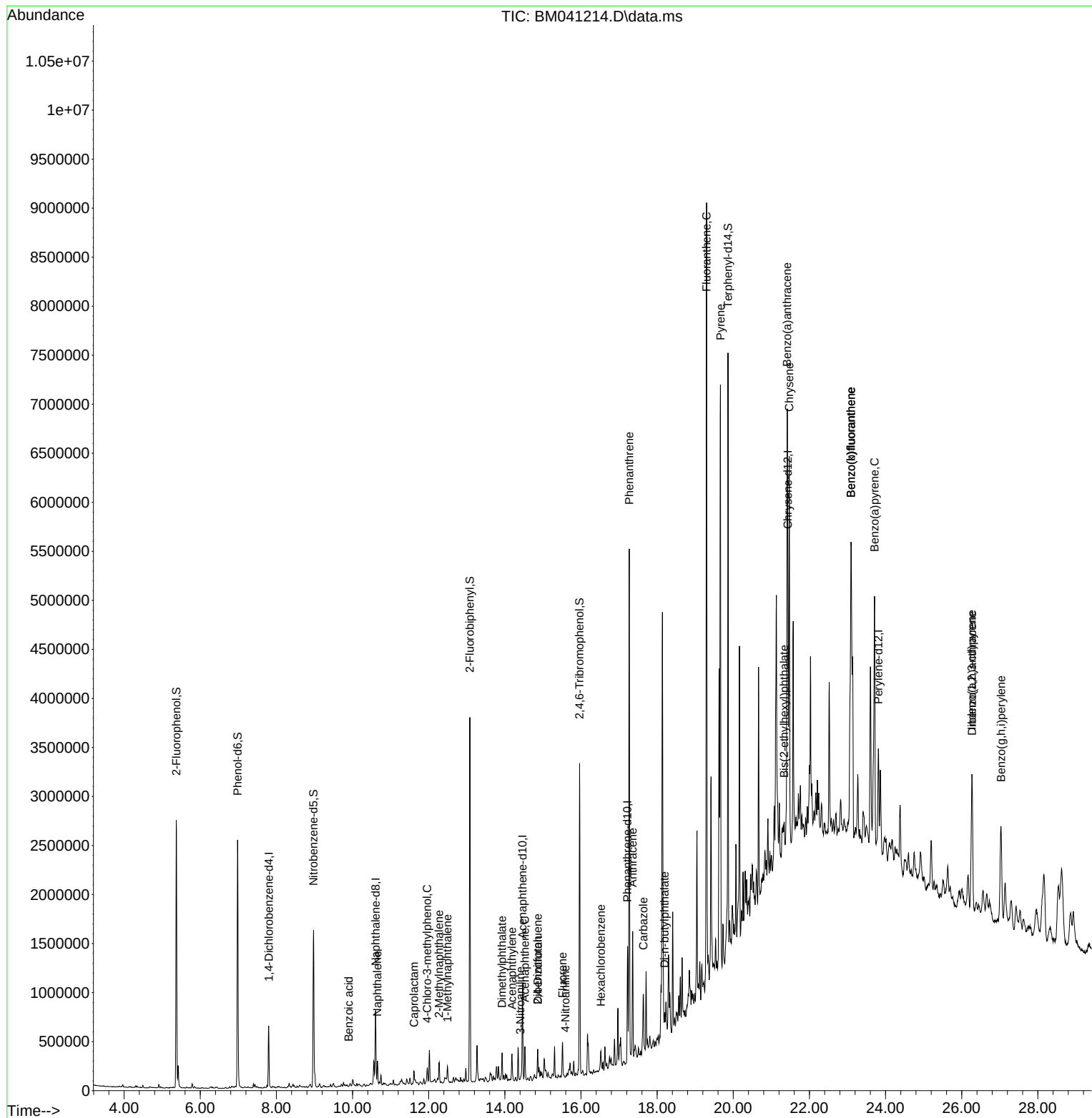
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	161085	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	578187	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	308673	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	676077	20.000	ng	0.00
76) Chrysene-d12	21.433	240	661037	20.000	ng	0.00
86) Perylene-d12	23.809	264	770523	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1147512	106.469	ng	0.00
7) Phenol-d6	6.981	99	1419163	101.581	ng	0.00
23) Nitrobenzene-d5	8.975	82	909071	73.118	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	531365	121.705	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1806159	73.917	ng	0.00
79) Terphenyl-d14	19.862	244	2739682	74.935	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.651	128	183774	5.857	ng	99
32) Benzoic acid	9.898	122	2298	7.456	ng	# 44
35) Caprolactam	11.616	113	5436	2.154	ng	# 34
36) 4-Chloro-3-methylphenol	11.963	107	37934	4.132	ng	# 21
37) 2-Methylnaphthalene	12.275	142	99649	4.711	ng	99
38) 1-Methylnaphthalene	12.492	142	68533	3.462	ng	97
49) Acenaphthylene	14.186	152	177922	5.900	ng	99
50) Dimethylphthalate	13.927	163	64510	2.778	ng	97
52) Acenaphthene	14.527	154	111659	6.146	ng	99
53) 3-Nitroaniline	14.404	138	207	2.613	ng	# 49
55) Dibenzofuran	14.863	168	148288	5.003	ng	97
57) 2,4-Dinitrotoluene	14.863	165	1610	2.892	ng	# 1
58) Fluorene	15.516	166	145836	6.236	ng	99
62) 4-Nitroaniline	15.592	138	2262	4.550	ng	# 72
68) Hexachlorobenzene	16.521	284	20963	2.543	ng	95
71) Phenanthrene	17.268	178	2949904	78.532	ng	100
72) Anthracene	17.357	178	754494	20.309	ng	100
73) Carbazole	17.639	167	354089	10.531	ng	99
74) Di-n-butylphthalate	18.198	149	101733	2.677	ng	# 95
75) Fluoranthene	19.298	202	4479450	106.144	ng	99
78) Pyrene	19.662	202	3664351	79.268	ng	99
81) Benzo(a)anthracene	21.415	228	2205514	49.216	ng	99
83) Chrysene	21.468	228	2083868	48.076	ng	97
84) Bis(2-ethylhexyl)phtha...	21.339	149	40897	3.984	ng	# 79
87) Indeno(1,2,3-cd)pyrene	26.268	276	1367557	24.141	ng	# 93
88) Benzo(b)fluoranthene	23.092	252	2829709	61.819	ng	98
89) Benzo(k)fluoranthene	23.092	252	2829709	60.435	ng	98
90) Benzo(a)pyrene	23.709	252	1877385	42.685	ng	96
91) Dibenzo(a,h)anthracene	26.274	278	382703	8.099	ng	# 91
92) Benzo(g,h,i)perylene	27.032	276	1325121	28.661	ng	96

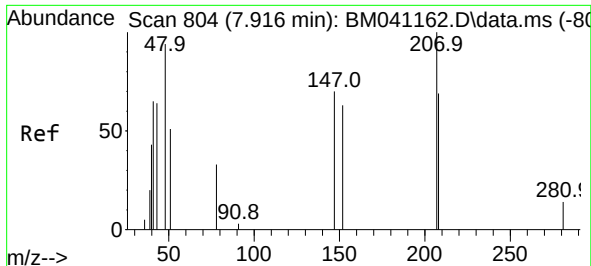
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
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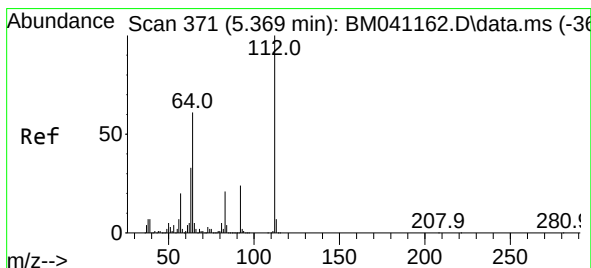
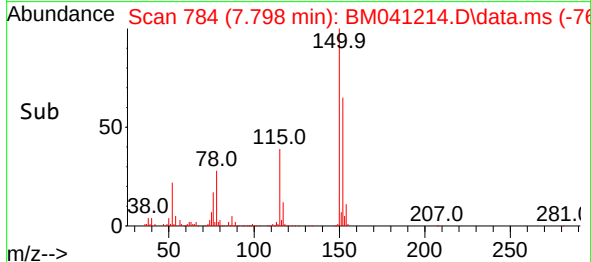
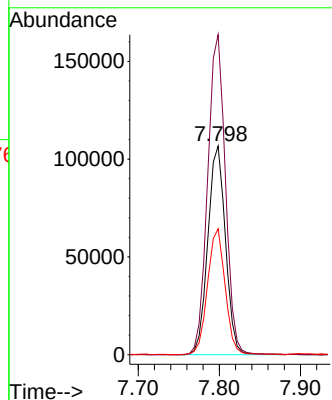
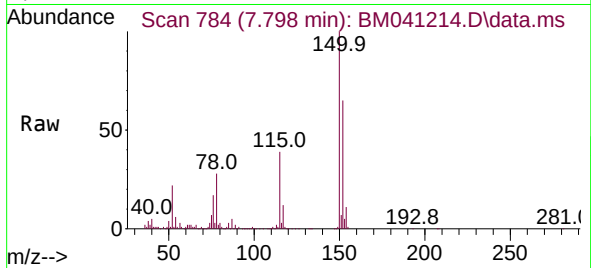




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041214.D
 Acq: 01 Aug 2023 07:33

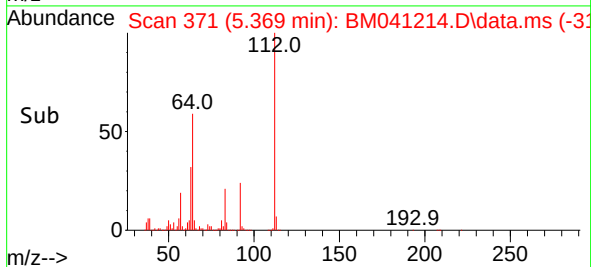
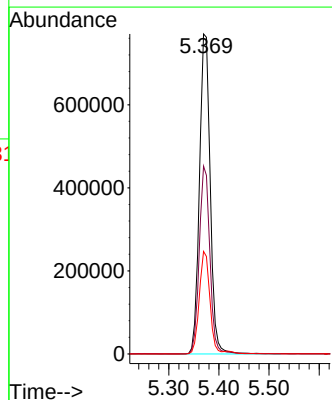
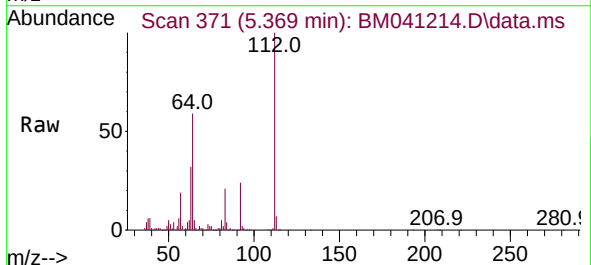
Instrument :
 BNA_M
 ClientSampleId :
 SB-10-(0.5-2.0)

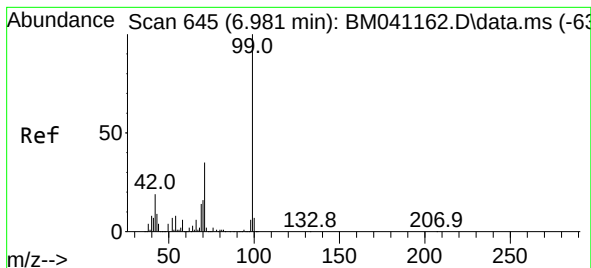
Tgt Ion:152 Resp: 161085
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.5 188.3
 115 60.4 48.0 72.0



#5
 2-Fluorophenol
 Concen: 106.469 ng
 RT: 5.369 min Scan# 371
 Delta R.T. 0.006 min
 Lab File: BM041214.D
 Acq: 01 Aug 2023 07:33

Tgt Ion:112 Resp: 1147512
 Ion Ratio Lower Upper
 112 100
 64 58.7 48.5 72.7
 63 32.0 26.5 39.7





#7

Phenol-d6

Concen: 101.581 ng

RT: 6.981 min Scan# 645

Delta R.T. 0.006 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

Instrument :

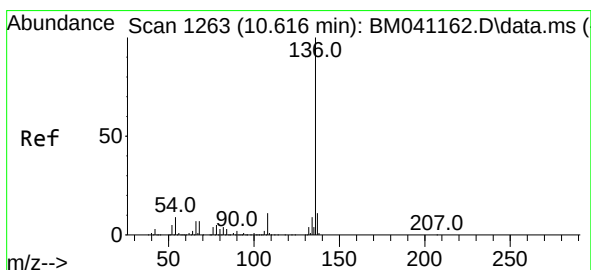
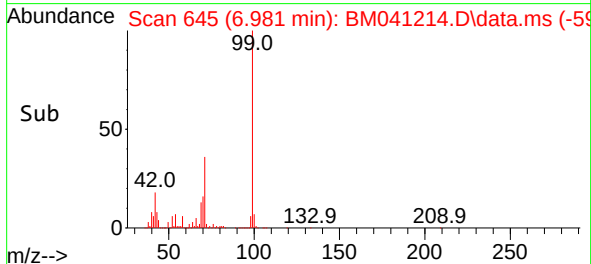
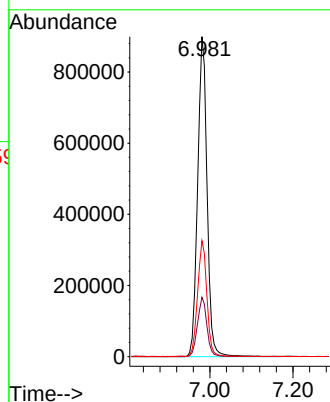
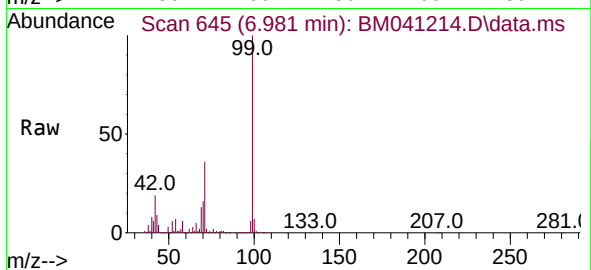
BNA_M

ClientSampleId :

SB-10-(0.5-2.0)

Tgt Ion: 99 Resp: 1419163

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.4	23.0
71	36.2	28.2	42.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1261

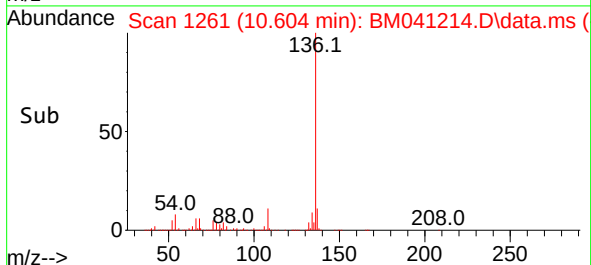
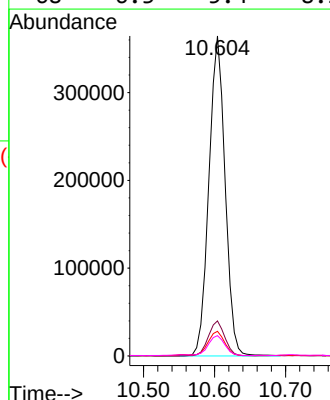
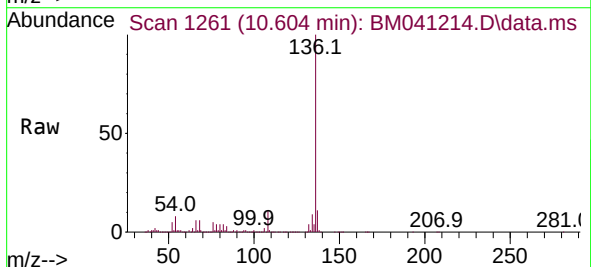
Delta R.T. 0.000 min

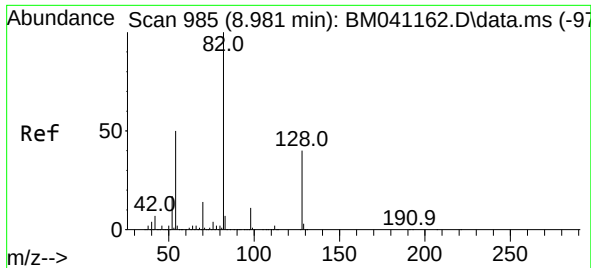
Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

Tgt Ion: 136 Resp: 578187

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.9	10.3
68	6.3	5.4	8.2

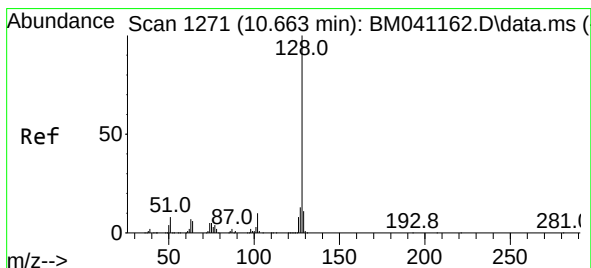
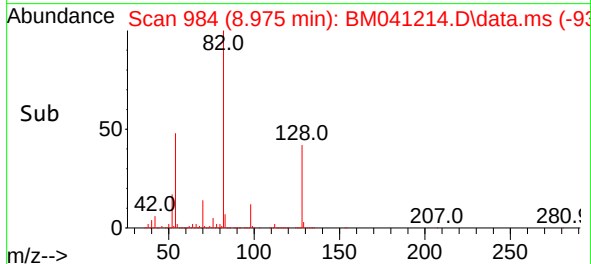
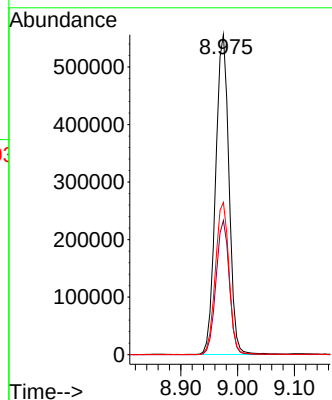
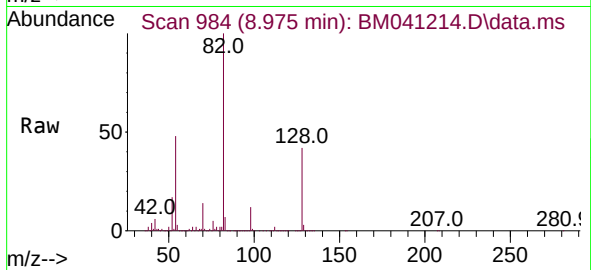




#23
Nitrobenzene-d5
Concen: 73.118 ng
RT: 8.975 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

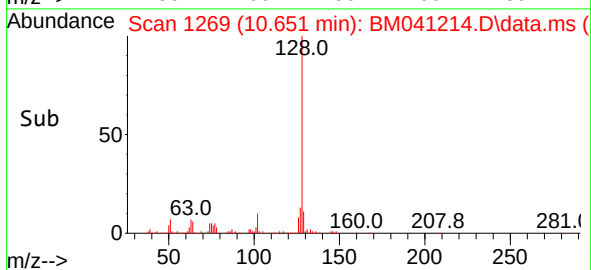
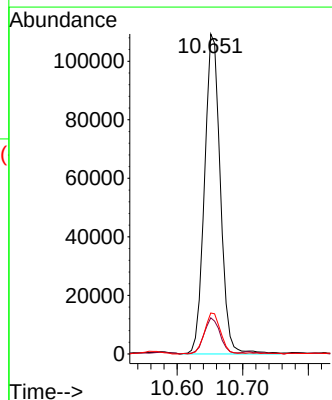
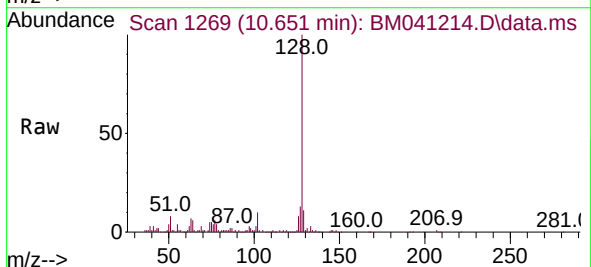
Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

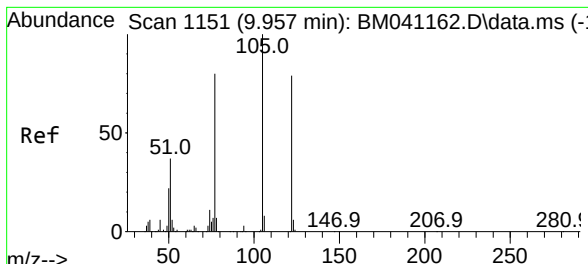
Tgt Ion: 82 Resp: 909071
Ion Ratio Lower Upper
82 100
128 41.9 31.8 47.6
54 47.6 40.1 60.1



#31
Naphthalene
Concen: 5.857 ng
RT: 10.651 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion: 128 Resp: 183774
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 12.8 10.5 15.7

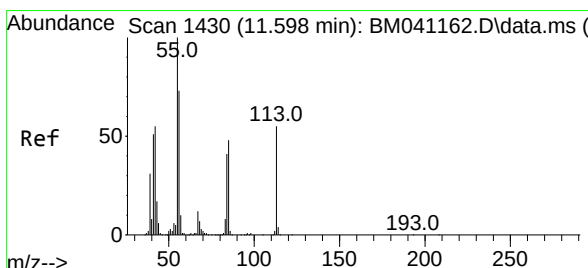
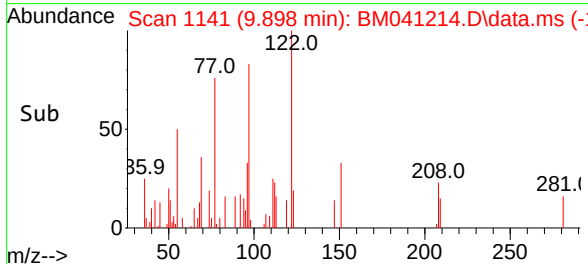
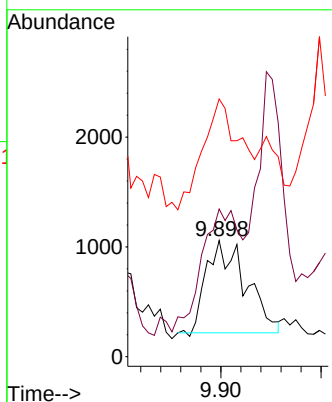
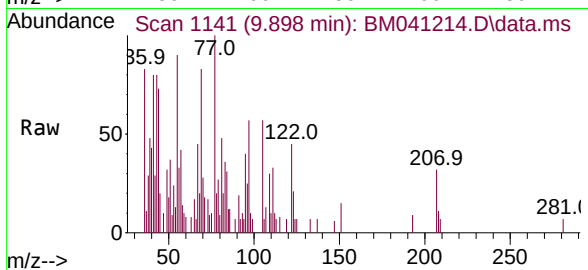




#32
Benzoic acid
Concen: 7.456 ng
RT: 9.898 min Scan# 1151
Delta R.T. -0.047 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

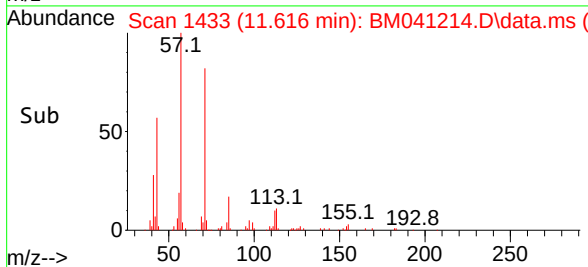
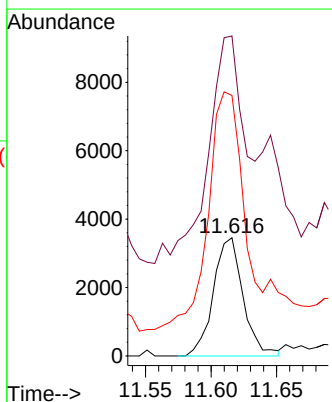
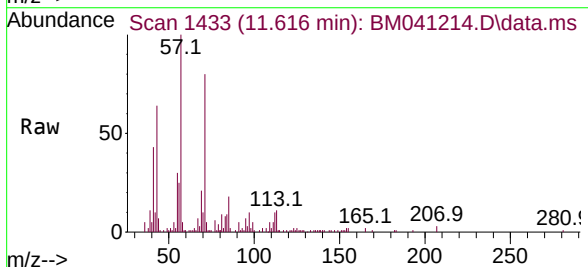
Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

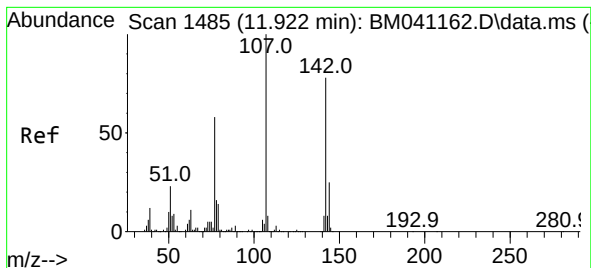
Tgt Ion:122 Resp: 2298
Ion Ratio Lower Upper
122 100
105 127.1 104.0 144.0
77 221.9 79.9 119.9#



#35
Caprolactam
Concen: 2.154 ng
RT: 11.616 min Scan# 1433
Delta R.T. 0.018 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion:113 Resp: 5436
Ion Ratio Lower Upper
113 100
55 270.7 162.5 202.5#
56 220.4 114.1 154.1#

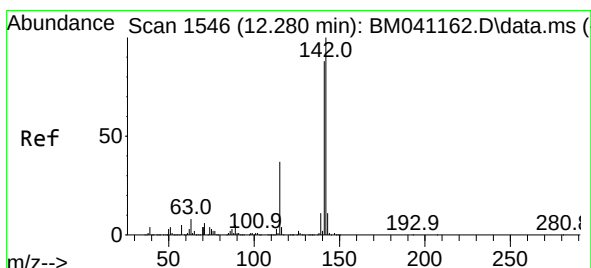
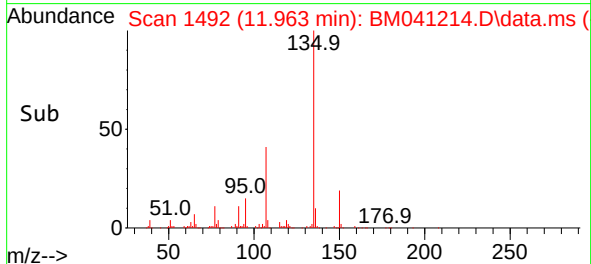
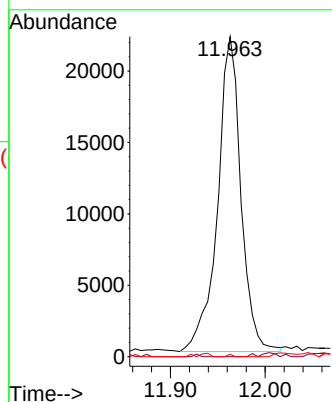
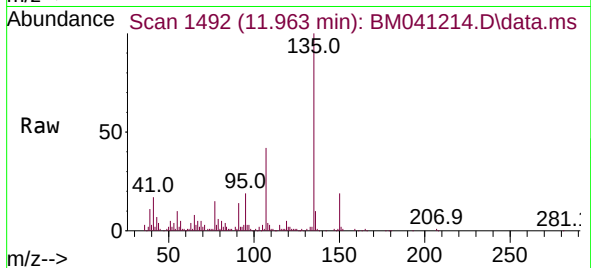




#36
4-Chloro-3-methylphenol
Concen: 4.132 ng
RT: 11.963 min Scan# 1485
Delta R.T. 0.047 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

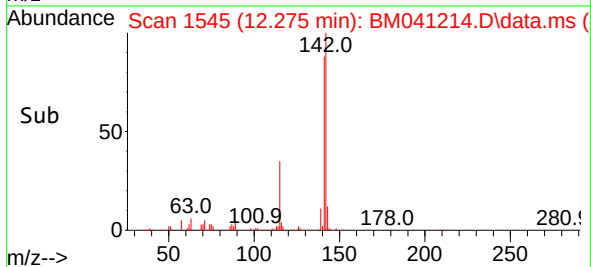
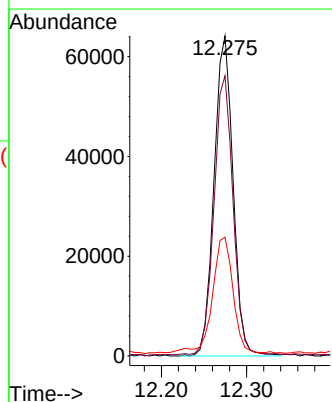
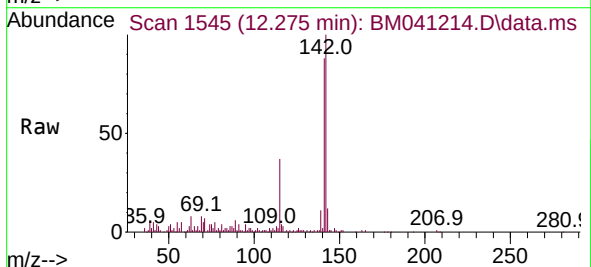
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ClientSampleId :
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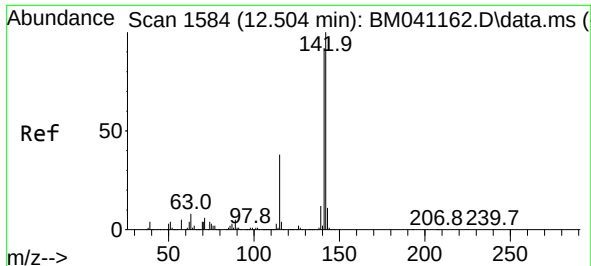
Tgt Ion:107 Resp: 37934
Ion Ratio Lower Upper
107 100
144 0.0 20.1 30.1#
142 0.8 62.2 93.4#



#37
2-Methylnaphthalene
Concen: 4.711 ng
RT: 12.275 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion:142 Resp: 99649
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1
115 37.1 29.3 43.9

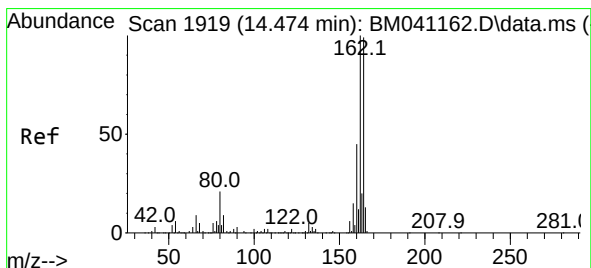
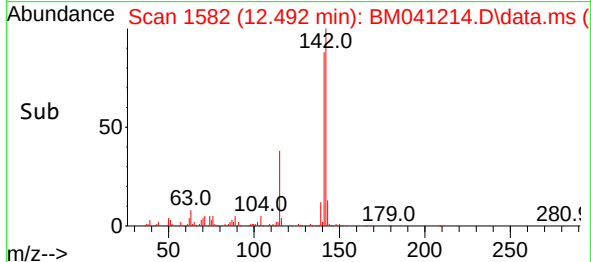
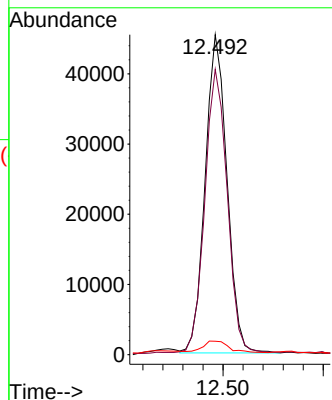
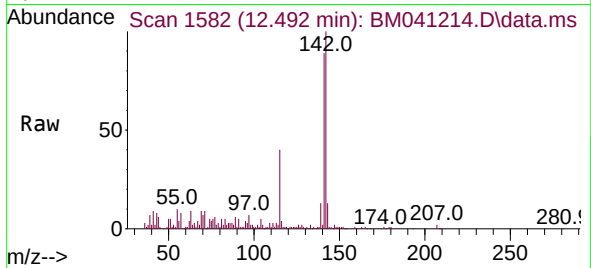




#38
1-Methylnaphthalene
Concen: 3.462 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

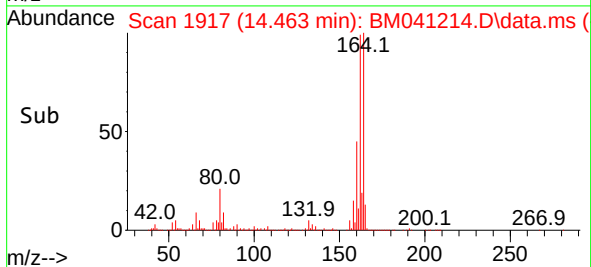
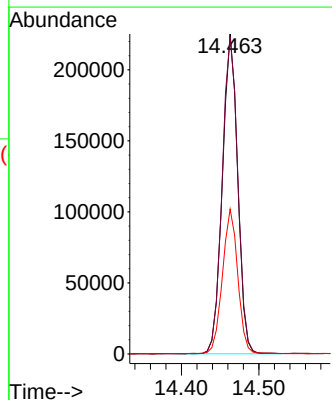
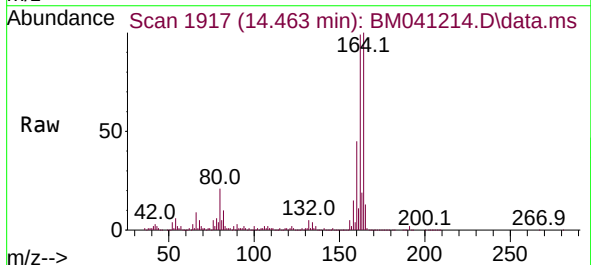
Instrument :
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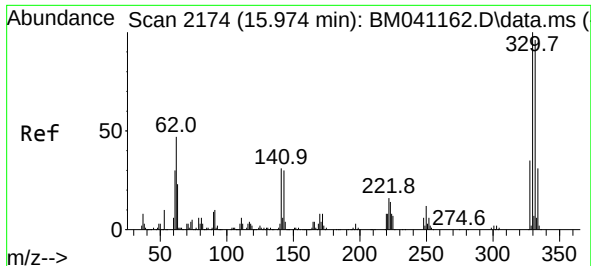
Tgt Ion:142 Resp: 68533
Ion Ratio Lower Upper
142 100
141 89.2 73.4 110.2
116 4.2 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion:164 Resp: 308673
Ion Ratio Lower Upper
164 100
162 99.2 80.4 120.6
160 45.2 36.2 54.2

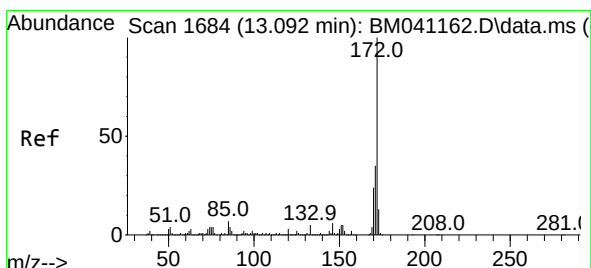
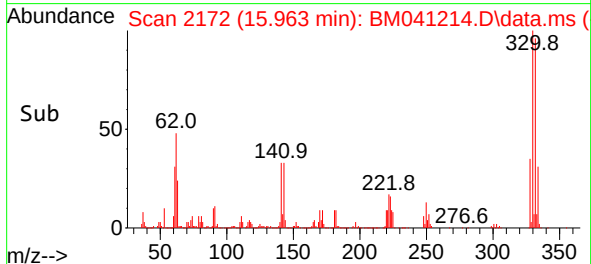
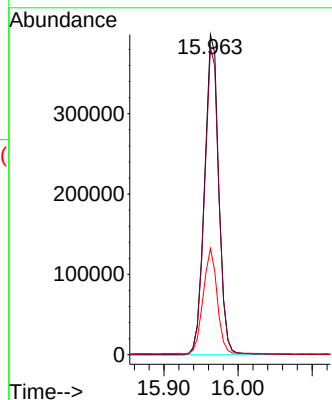
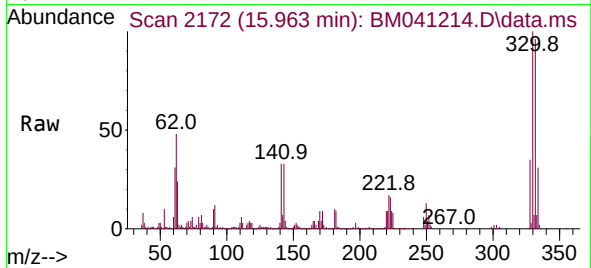




#42
2,4,6-Tribromophenol
Concen: 121.705 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

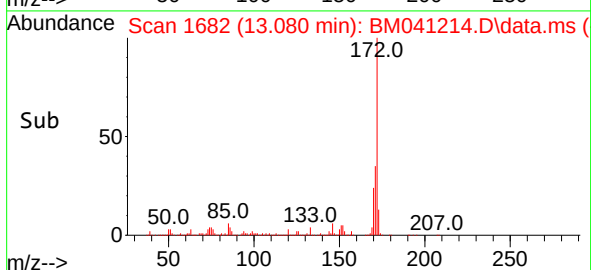
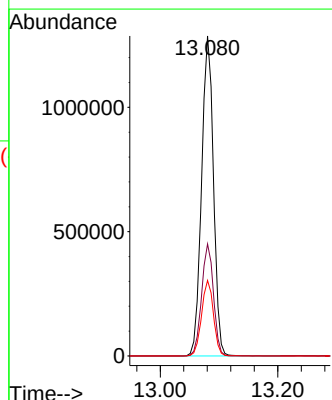
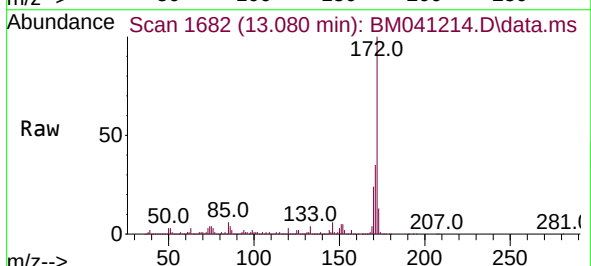
Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

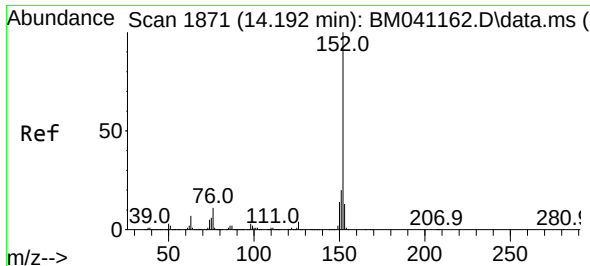
Tgt Ion:330 Resp: 531365
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 32.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 73.917 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion:172 Resp: 1806159
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.9 28.3

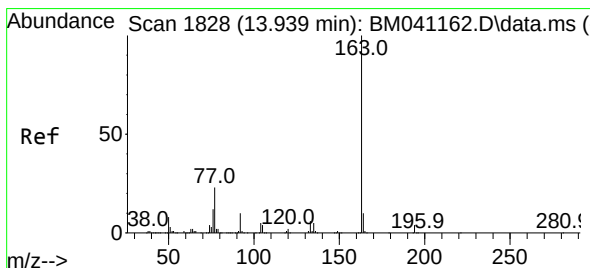
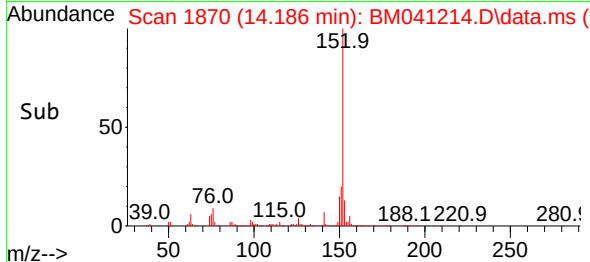
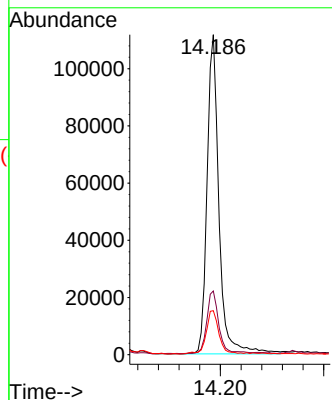
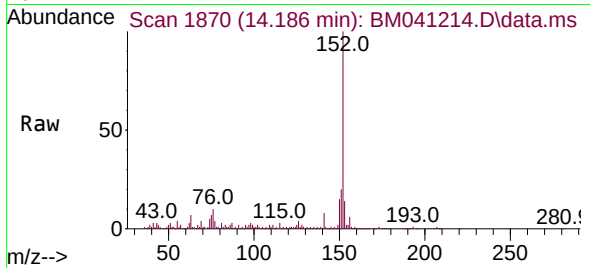




#49
 Acenaphthylene
 Concen: 5.900 ng
 RT: 14.186 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BM041214.D
 Acq: 01 Aug 2023 07:33

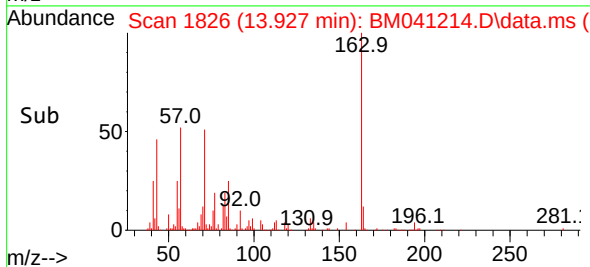
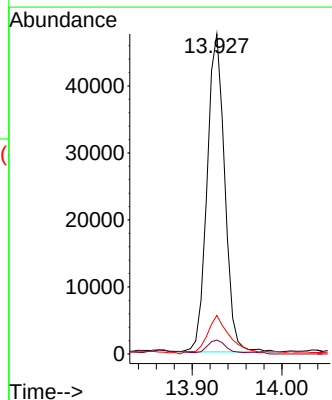
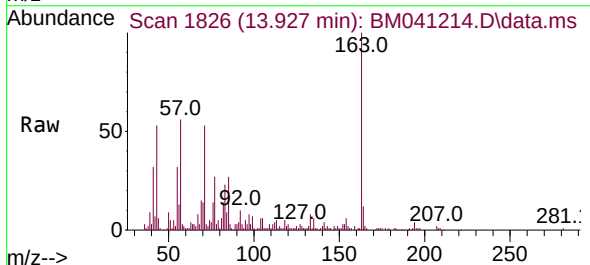
Instrument :
 BNA_M
 ClientSampleId :
 SB-10-(0.5-2.0)

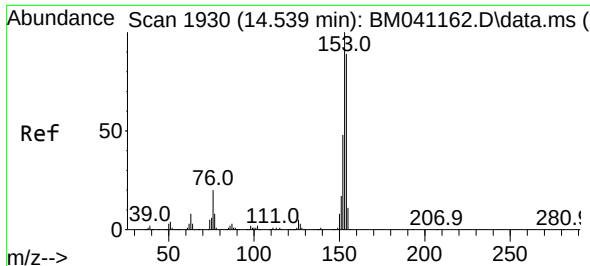
Tgt Ion:152 Resp: 177922
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.1 24.1
 153 13.8 10.5 15.7



#50
 Dimethylphthalate
 Concen: 2.778 ng
 RT: 13.927 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BM041214.D
 Acq: 01 Aug 2023 07:33

Tgt Ion:163 Resp: 64510
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.3 4.9
 164 12.0 8.3 12.5

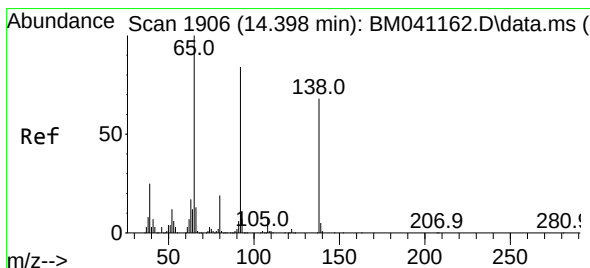
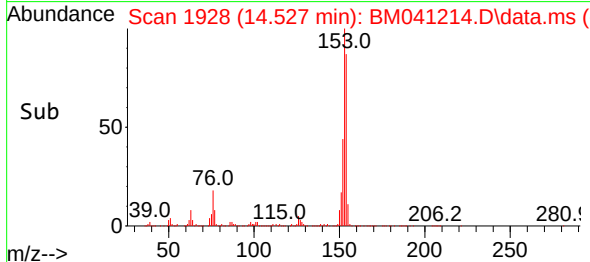
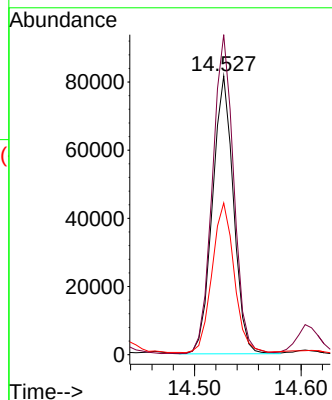
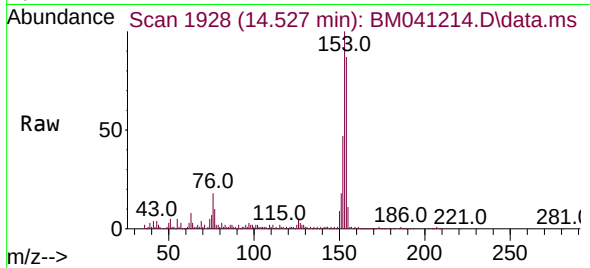




#52
Acenaphthene
Concen: 6.146 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

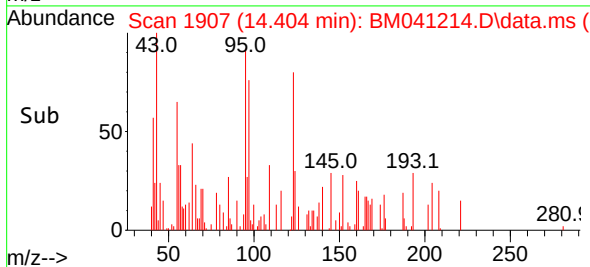
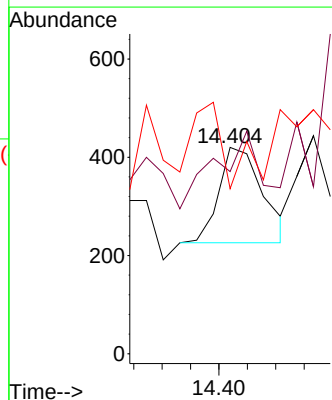
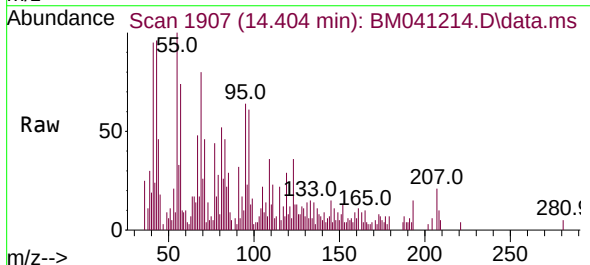
Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

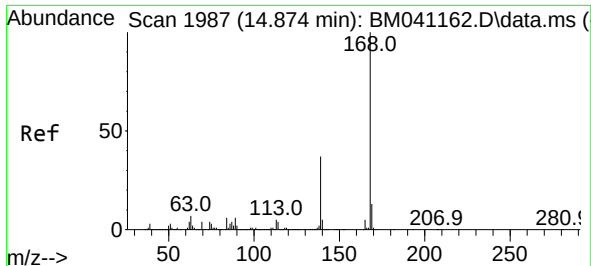
Tgt Ion:154 Resp: 111659
Ion Ratio Lower Upper
154 100
153 114.8 90.2 135.4
152 54.5 43.4 65.0



#53
3-Nitroaniline
Concen: 2.613 ng
RT: 14.404 min Scan# 1907
Delta R.T. 0.012 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion:138 Resp: 207
Ion Ratio Lower Upper
138 100
108 88.3 7.6 11.4#
92 80.0 98.9 148.3#

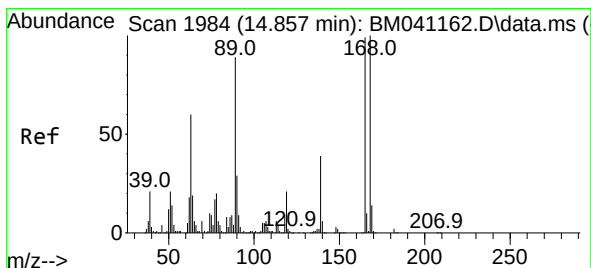
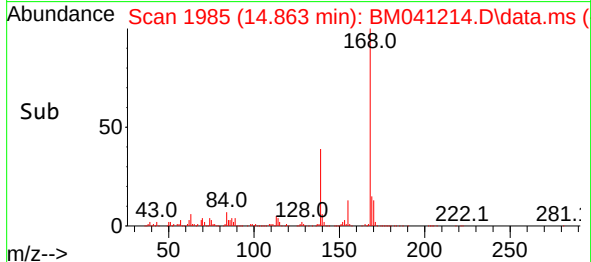
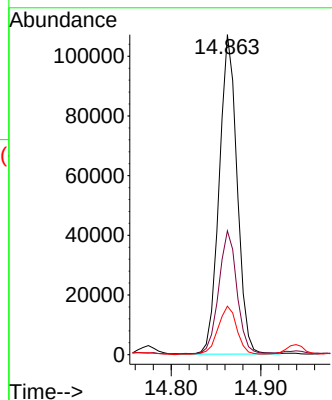
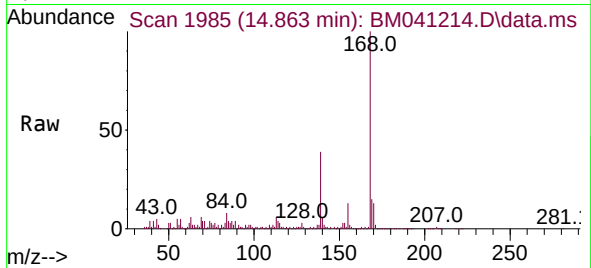




#55
Dibenzenofuran
Concen: 5.003 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

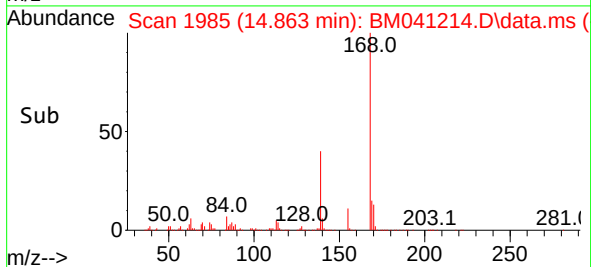
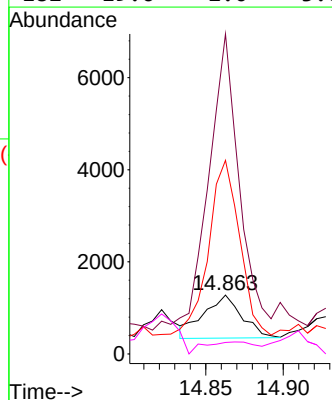
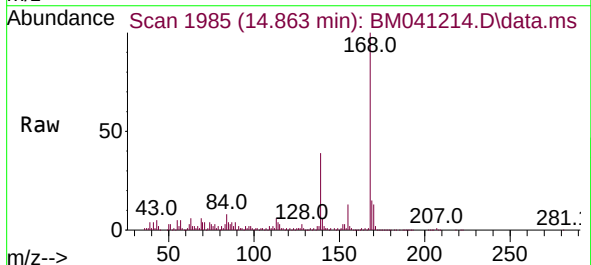
Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

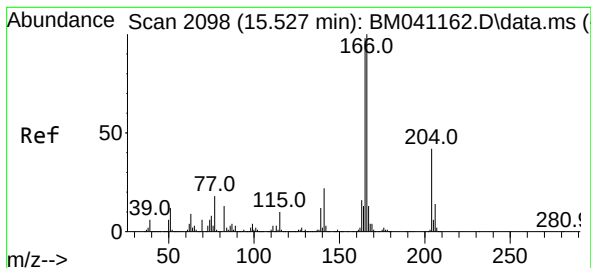
Tgt Ion:168 Resp: 148288
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.6
169 15.1 10.5 15.7



#57
2,4-Dinitrotoluene
Concen: 2.892 ng
RT: 14.863 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion:165 Resp: 1610
Ion Ratio Lower Upper
165 100
63 543.8 48.3 72.5#
89 329.0 71.8 107.8#
182 19.6 2.0 3.0#





#58

Fluorene

Concen: 6.236 ng

RT: 15.516 min Scan# 2096

Delta R.T. 0.000 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

Instrument :

BNA_M

ClientSampleId :

SB-10-(0.5-2.0)

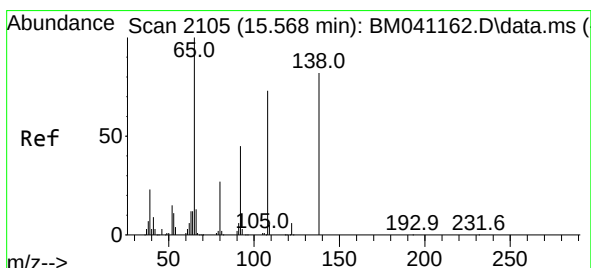
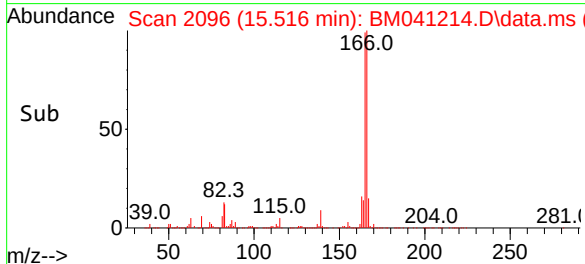
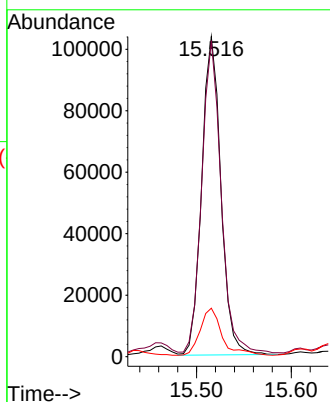
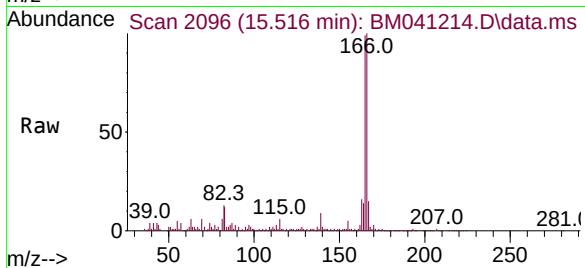
Tgt Ion:166 Resp: 145836

Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.4

167 15.1 10.6 16.0



#62

4-Nitroaniline

Concen: 4.550 ng

RT: 15.592 min Scan# 2109

Delta R.T. 0.030 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

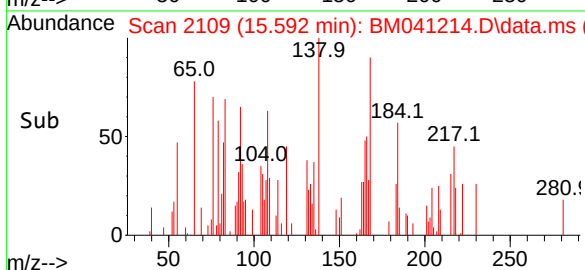
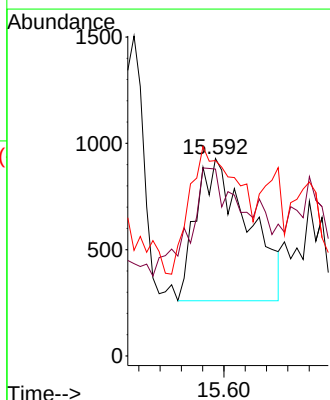
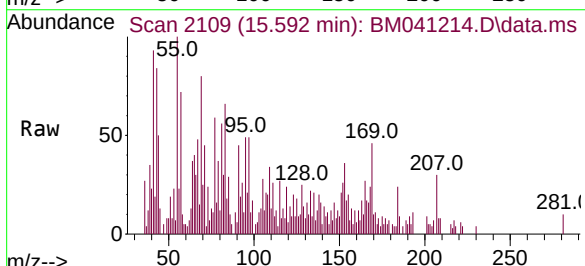
Tgt Ion:138 Resp: 2262

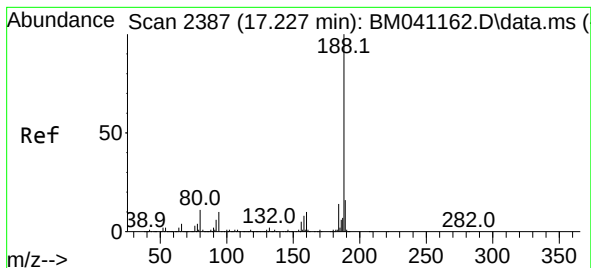
Ion Ratio Lower Upper

138 100

92 94.6 35.1 75.1#

108 98.9 67.8 107.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

Instrument :

BNA_M

ClientSampleId :

SB-10-(0.5-2.0)

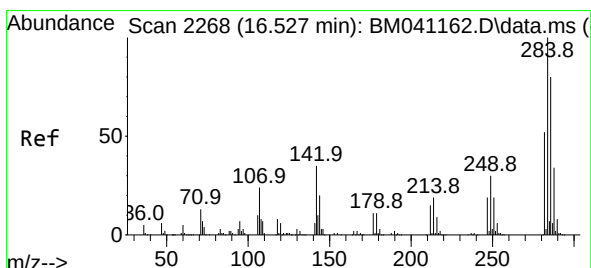
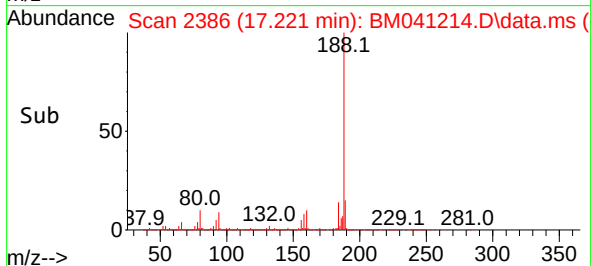
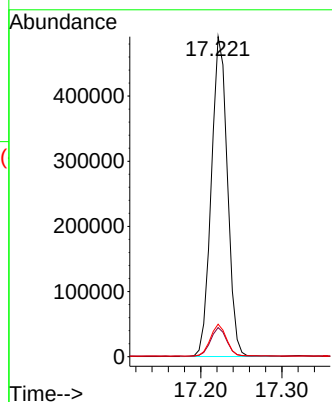
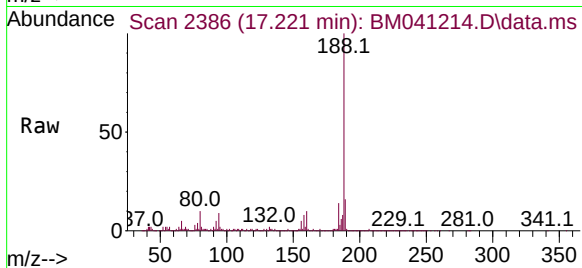
Tgt Ion:188 Resp: 676077

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

80 10.1 8.6 13.0



#68

Hexachlorobenzene

Concen: 2.543 ng

RT: 16.521 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

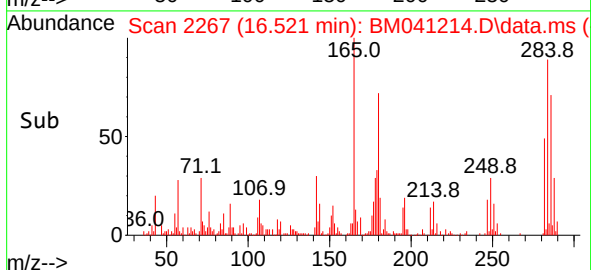
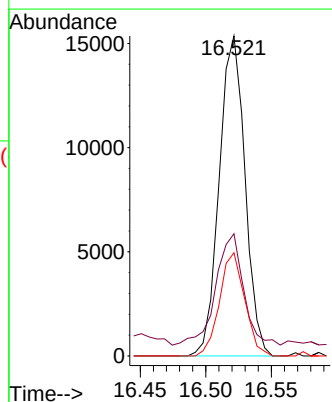
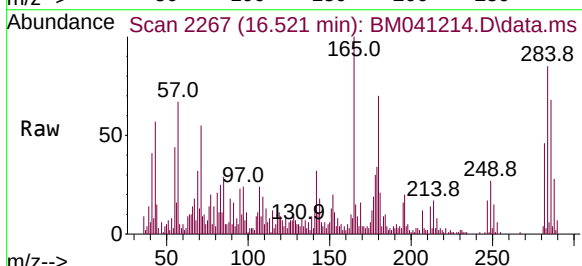
Tgt Ion:284 Resp: 20963

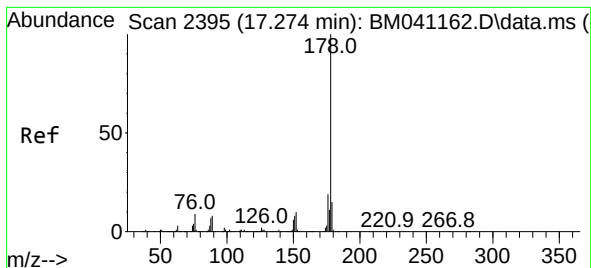
Ion Ratio Lower Upper

284 100

142 38.2 28.0 42.0

249 32.3 23.7 35.5





#71

Phenanthrene

Concen: 78.532 ng

RT: 17.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

Instrument :

BNA_M

ClientSampleId :

SB-10-(0.5-2.0)

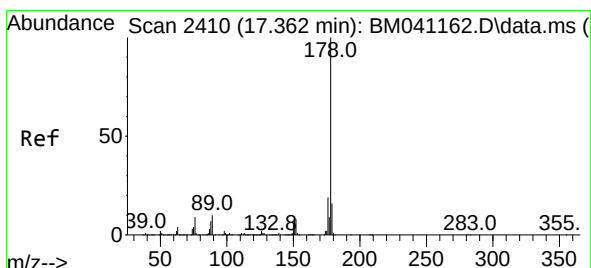
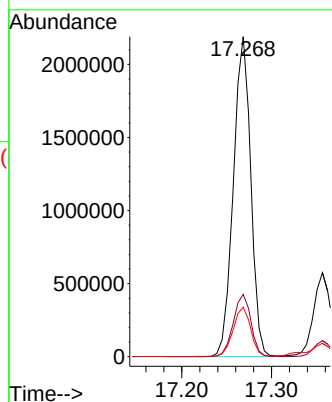
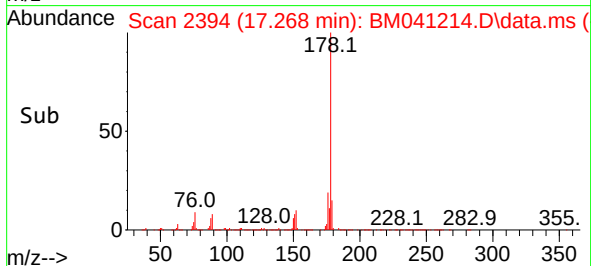
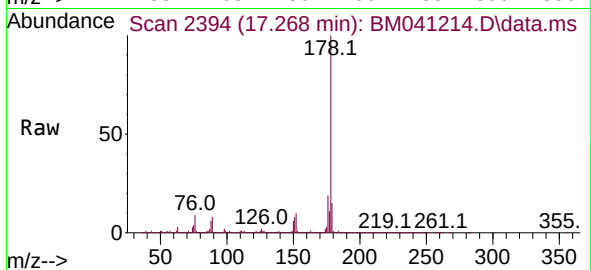
Tgt Ion:178 Resp: 2949904

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.4 12.1 18.1



#72

Anthracene

Concen: 20.309 ng

RT: 17.357 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

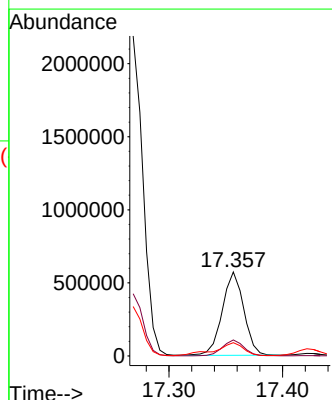
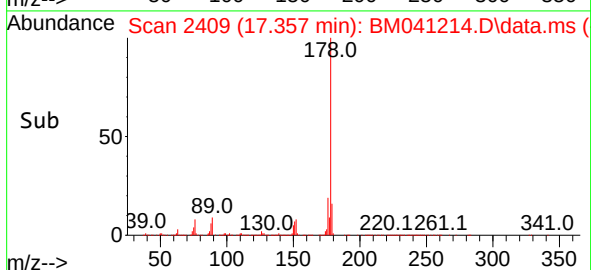
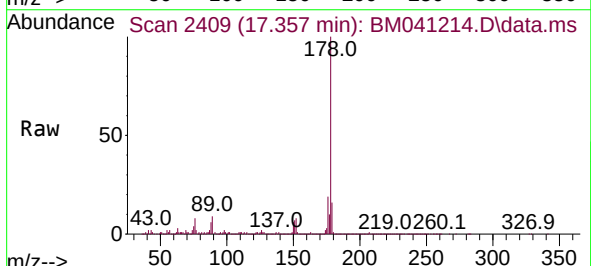
Tgt Ion:178 Resp: 754494

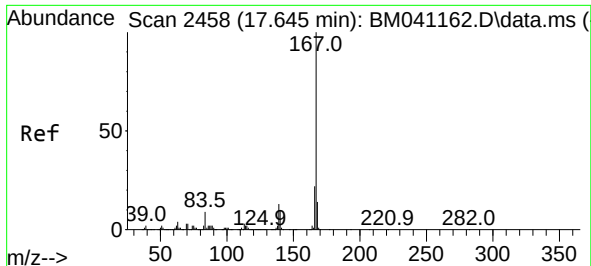
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.8 12.4 18.6

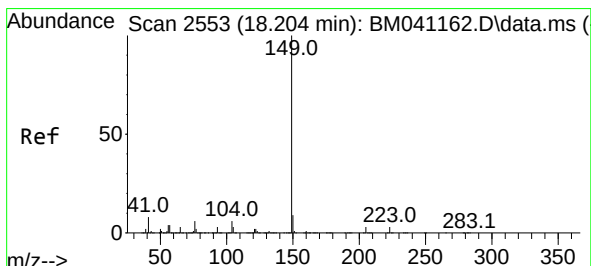
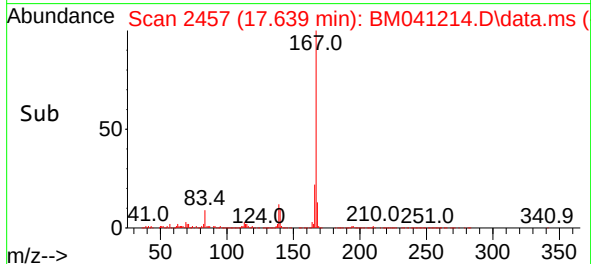
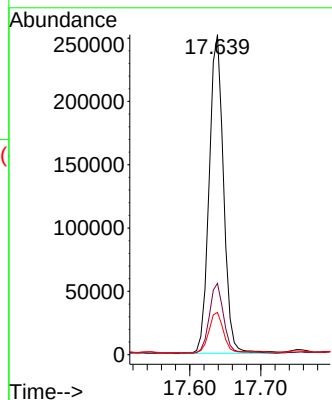
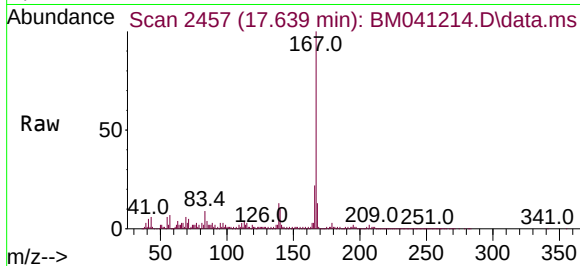




#73
 Carbazole
 Concen: 10.531 ng
 RT: 17.639 min Scan# 2458
 Delta R.T. 0.000 min
 Lab File: BM041214.D
 Acq: 01 Aug 2023 07:33

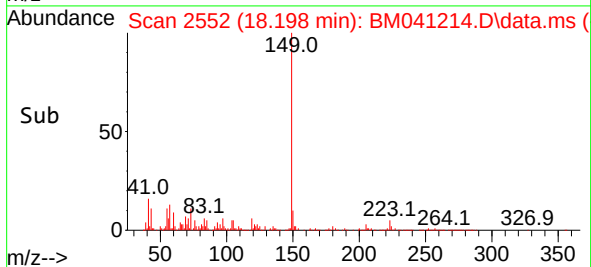
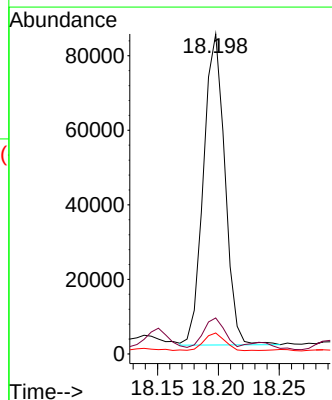
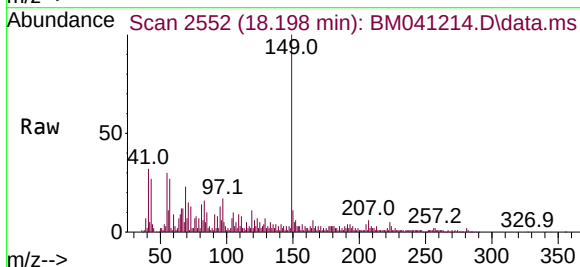
Instrument :
 BNA_M
 ClientSampleId :
 SB-10-(0.5-2.0)

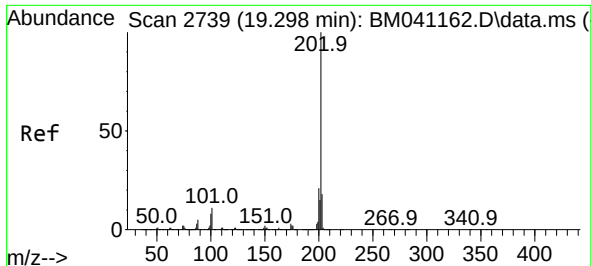
Tgt Ion:167 Resp: 354089
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.3 25.9
 139 13.2 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 2.677 ng
 RT: 18.198 min Scan# 2552
 Delta R.T. 0.000 min
 Lab File: BM041214.D
 Acq: 01 Aug 2023 07:33

Tgt Ion:149 Resp: 101733
 Ion Ratio Lower Upper
 149 100
 150 11.3 7.3 10.9#
 104 6.6 4.5 6.7

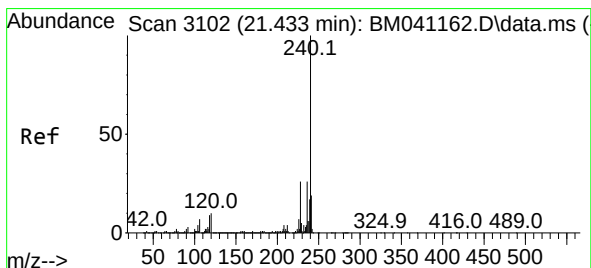
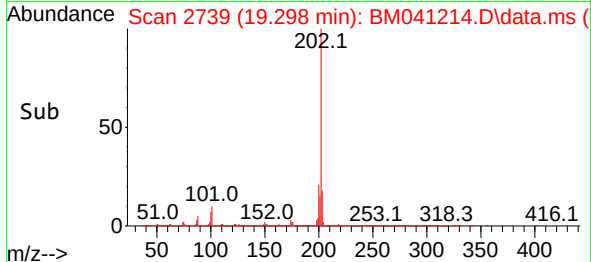
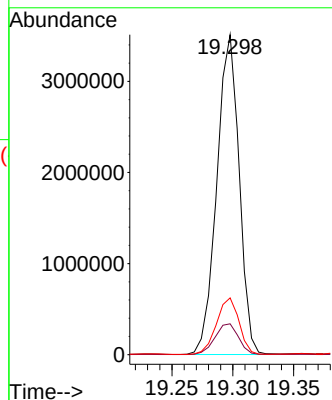
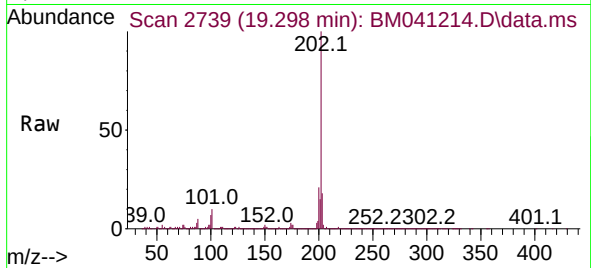




#75
Fluoranthene
Concen: 106.144 ng
RT: 19.298 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

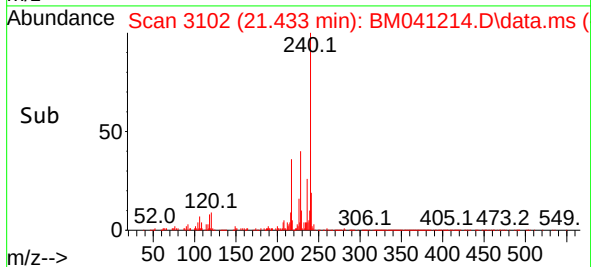
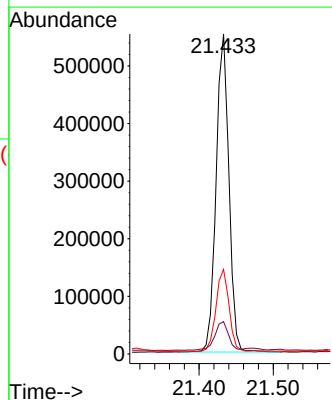
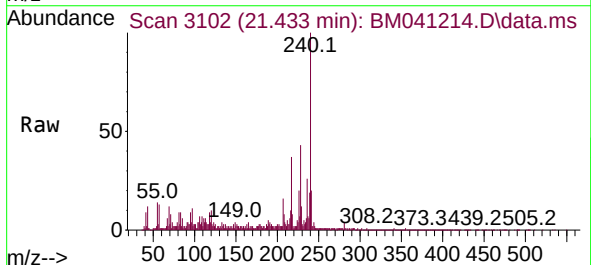
Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

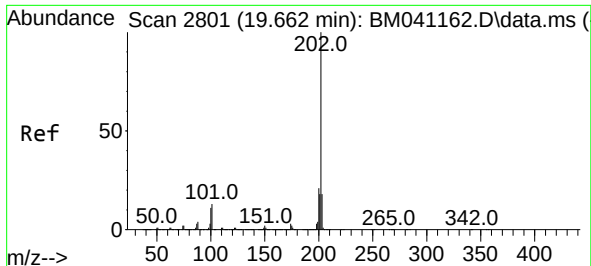
Tgt Ion:202 Resp: 4479450
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.8
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion:240 Resp: 661037
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 26.5 20.6 30.8

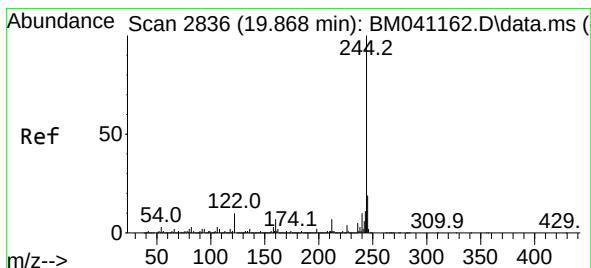
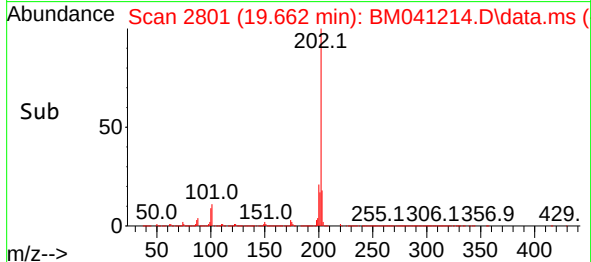
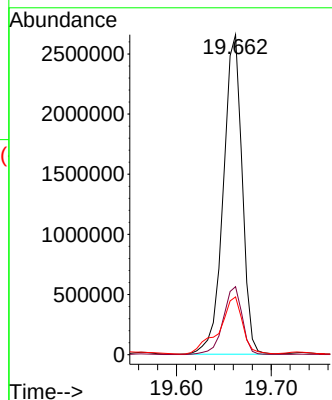
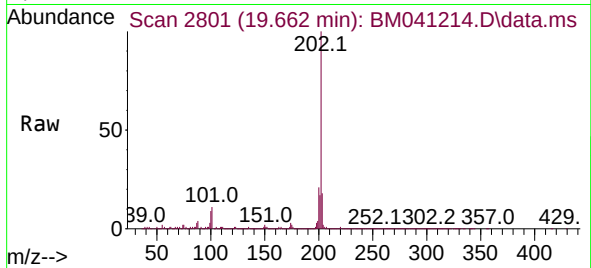




#78
Pyrene
Concen: 79.268 ng
RT: 19.662 min Scan# 2801
Delta R.T. 0.006 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

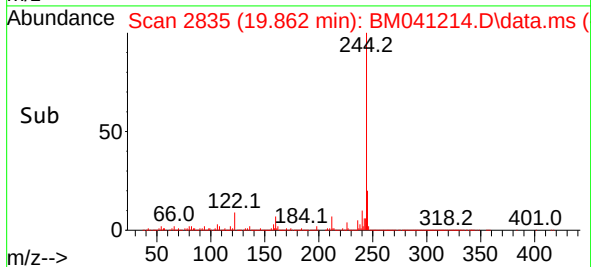
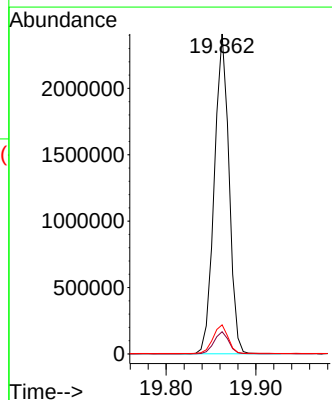
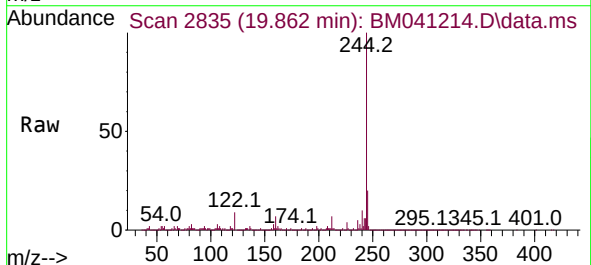
Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

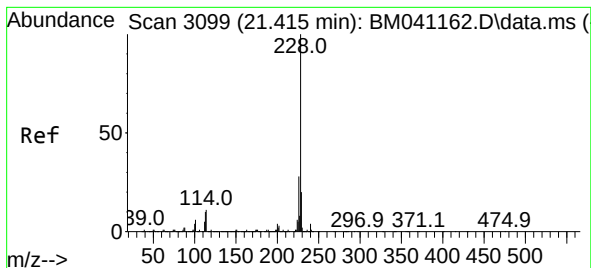
Tgt Ion:202 Resp: 3664351
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.1 14.1 21.1



#79
Terphenyl-d14
Concen: 74.935 ng
RT: 19.862 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion:244 Resp: 2739682
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.1 7.8 11.6





#81

Benzo(a)anthracene

Concen: 49.216 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

Instrument :

BNA_M

ClientSampleId :

SB-10-(0.5-2.0)

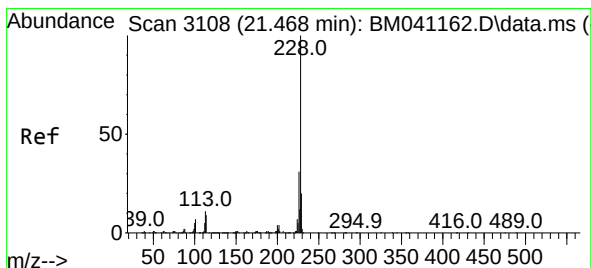
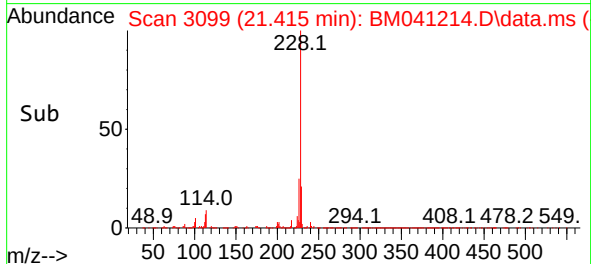
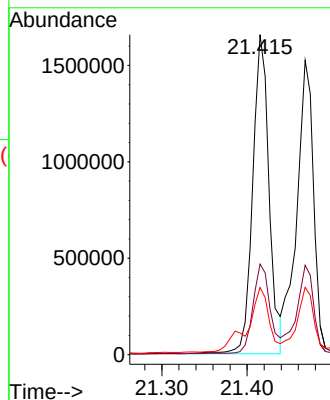
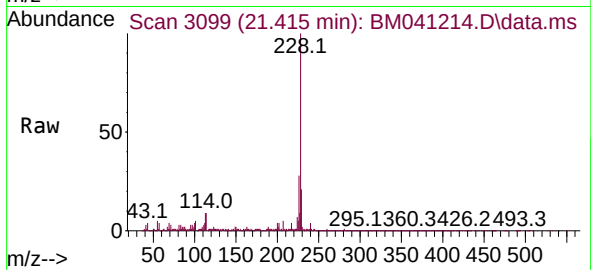
Tgt Ion:228 Resp: 2205514

Ion Ratio Lower Upper

228 100

226 28.3 22.4 33.6

229 21.0 15.8 23.8



#83

Chrysene

Concen: 48.076 ng

RT: 21.468 min Scan# 3108

Delta R.T. 0.006 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

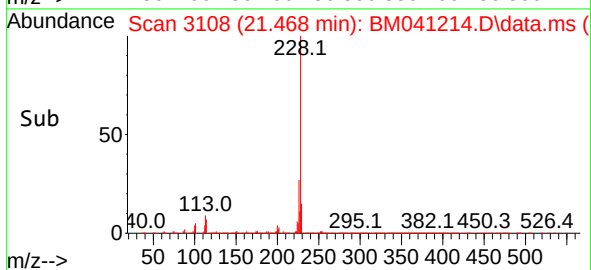
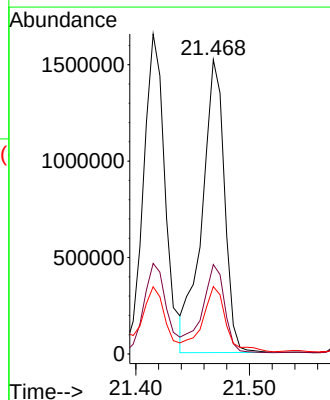
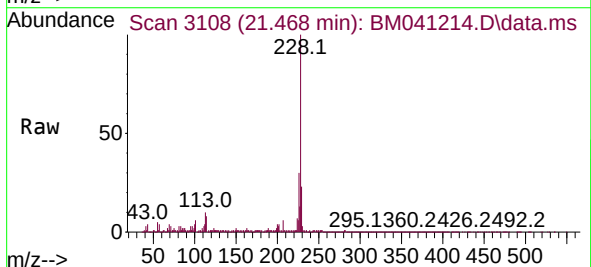
Tgt Ion:228 Resp: 2083868

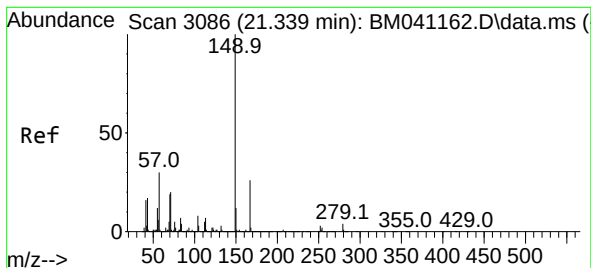
Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 22.9 15.8 23.8

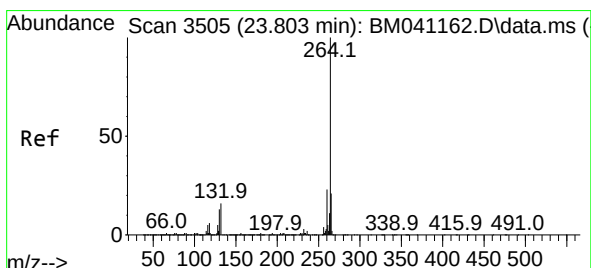
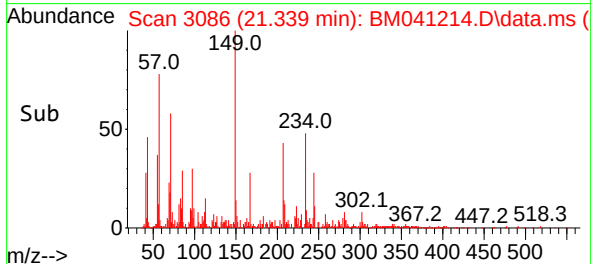
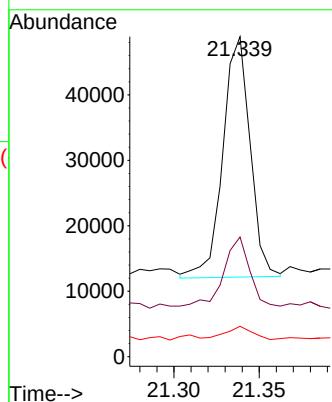
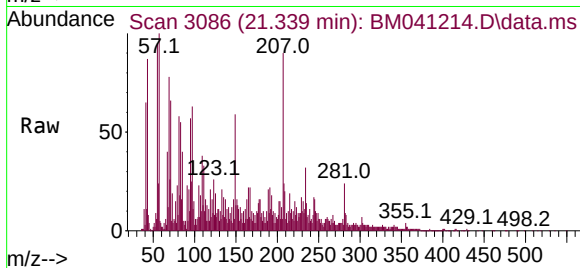




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.984 ng
RT: 21.339 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

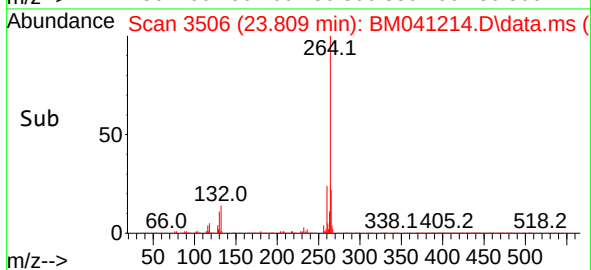
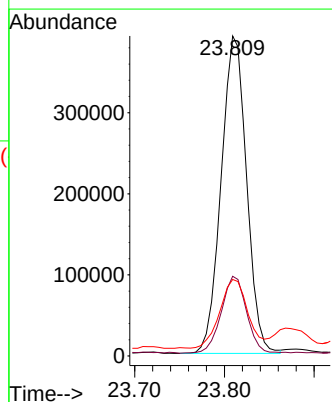
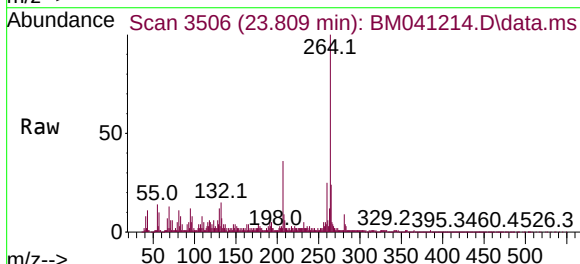
Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

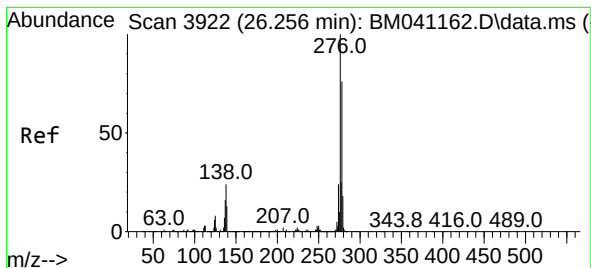
Tgt Ion:149 Resp: 40897
Ion Ratio Lower Upper
149 100
167 37.4 21.0 31.6#
279 9.5 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.809 min Scan# 3506
Delta R.T. 0.012 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion:264 Resp: 770523
Ion Ratio Lower Upper
264 100
260 24.9 18.5 27.7
265 23.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 24.141 ng

RT: 26.268 min Scan# 3924

Delta R.T. 0.024 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

Instrument :

BNA_M

ClientSampleId :

SB-10-(0.5-2.0)

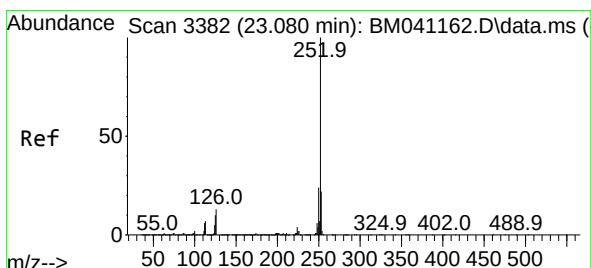
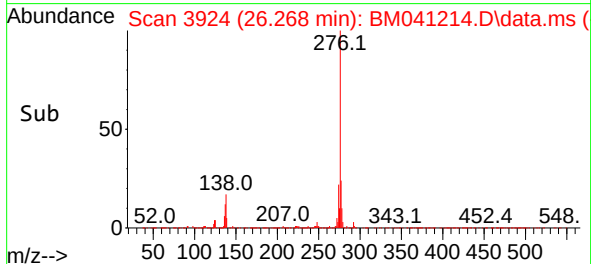
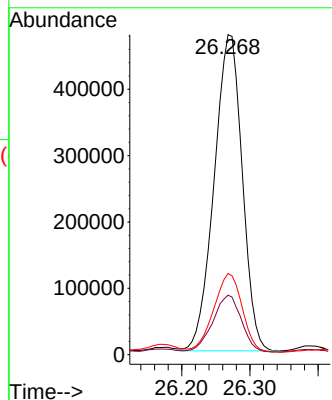
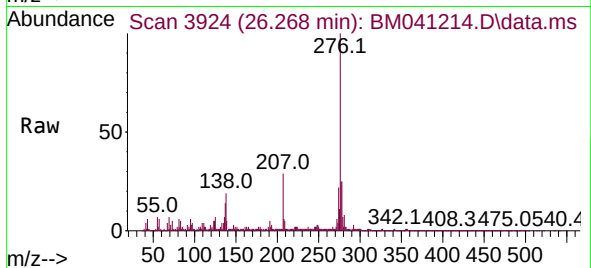
Tgt Ion:276 Resp: 1367557

Ion Ratio Lower Upper

276 100

138 18.4 20.0 30.0#

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 61.819 ng

RT: 23.092 min Scan# 3384

Delta R.T. 0.018 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

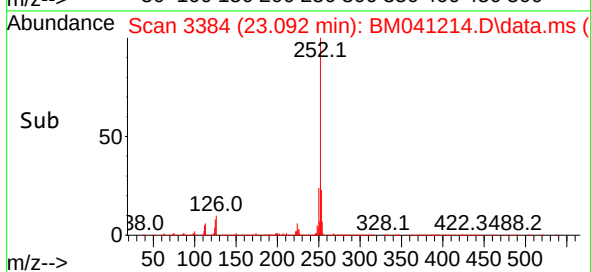
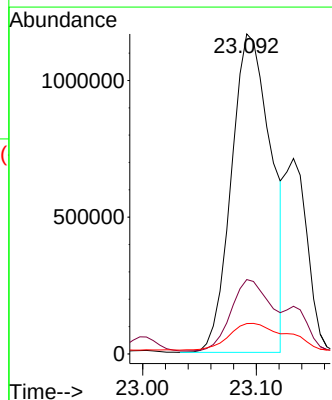
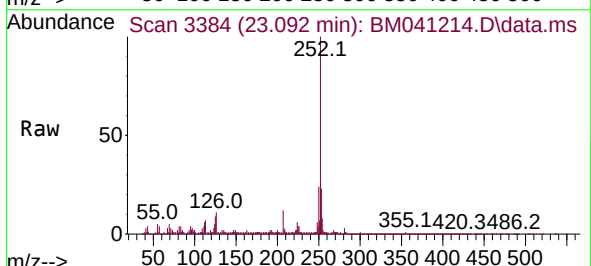
Tgt Ion:252 Resp: 2829709

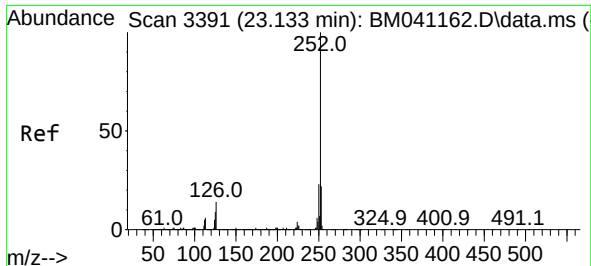
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 9.5 8.2 12.4

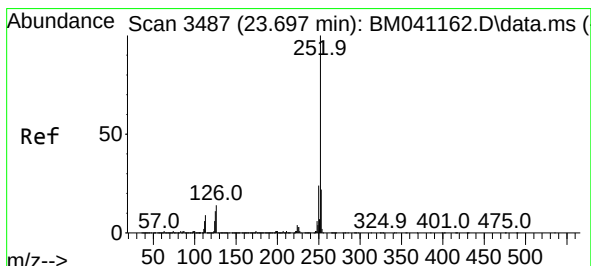
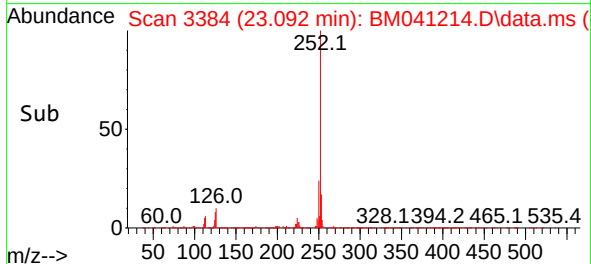
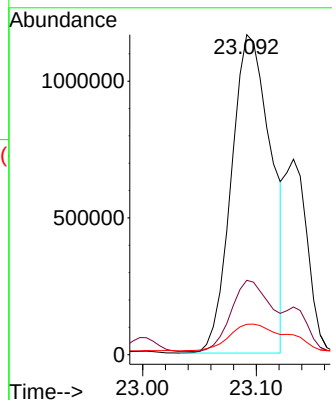
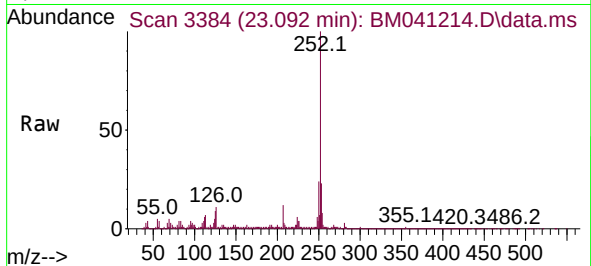




#89
Benzo(k)fluoranthene
Concen: 60.435 ng
RT: 23.092 min Scan# 31
Delta R.T. -0.029 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

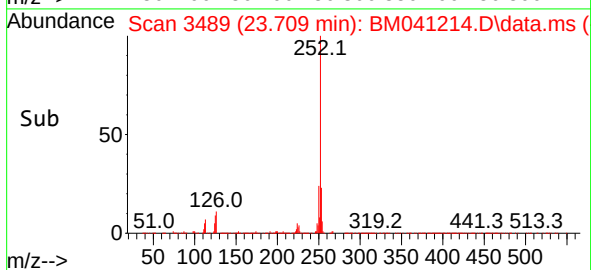
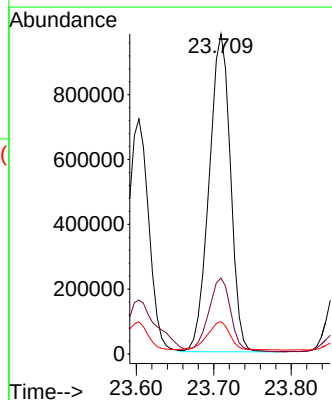
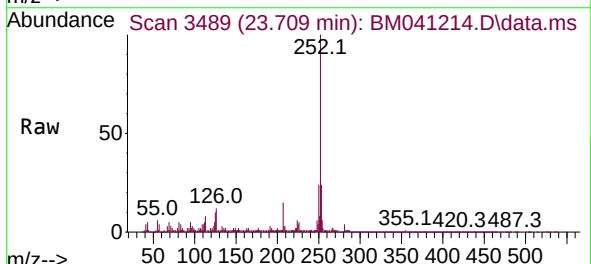
Instrument :
BNA_M
ClientSampleId :
SB-10-(0.5-2.0)

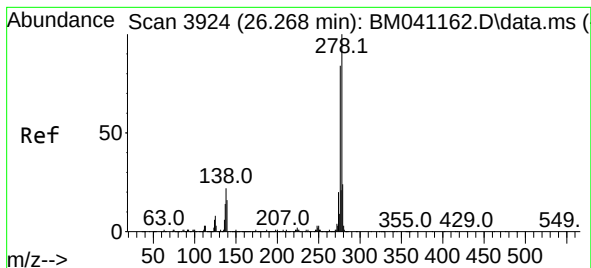
Tgt Ion:252 Resp: 2829709
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 9.5 7.6 11.4



#90
Benzo(a)pyrene
Concen: 42.685 ng
RT: 23.709 min Scan# 3489
Delta R.T. 0.018 min
Lab File: BM041214.D
Acq: 01 Aug 2023 07:33

Tgt Ion:252 Resp: 1877385
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 10.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 8.099 ng

RT: 26.274 min Scan# 3924

Delta R.T. 0.018 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

Instrument :

BNA_M

ClientSampleId :

SB-10-(0.5-2.0)

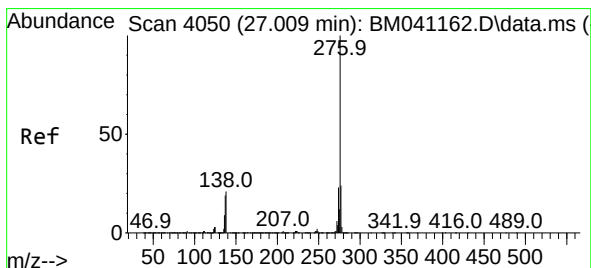
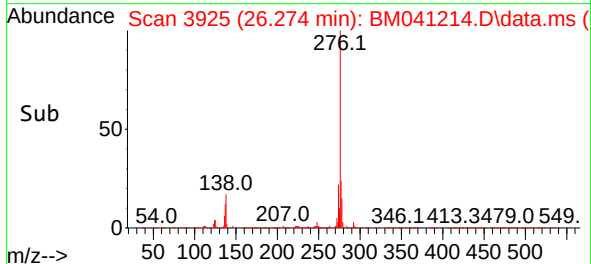
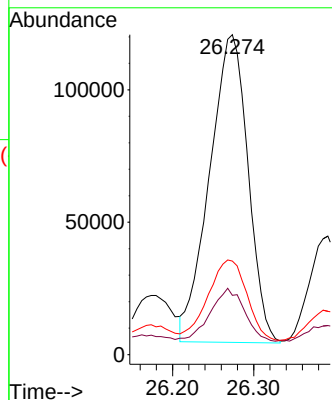
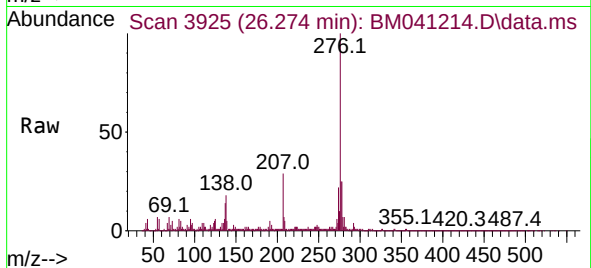
Tgt Ion:278 Resp: 382703

Ion Ratio Lower Upper

278 100

139 18.5 12.7 19.1

279 29.2 19.1 28.7#



#92

Benzo(g,h,i)perylene

Concen: 28.661 ng

RT: 27.032 min Scan# 4054

Delta R.T. 0.035 min

Lab File: BM041214.D

Acq: 01 Aug 2023 07:33

Tgt Ion:276 Resp: 1325121

Ion Ratio Lower Upper

276 100

277 25.0 19.1 28.7

138 18.6 17.1 25.7

