

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042521.D
 Acq On : 31 Oct 2023 21:23
 Operator : MA/JU
 Sample : 04938-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0-2(0-10)

Quant Time: Nov 01 01:50:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

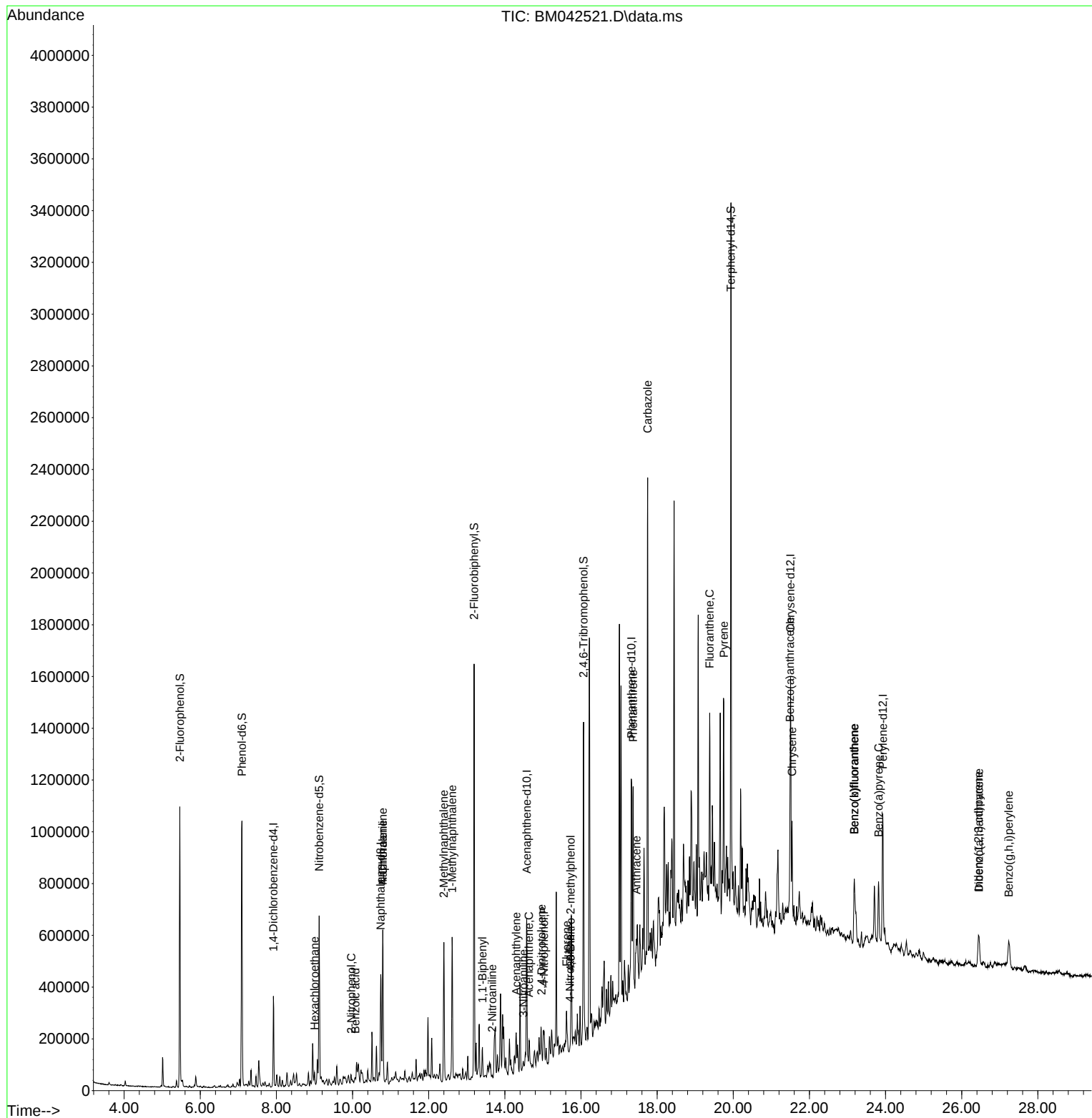
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	78856	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	297514	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	180768	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	399690	20.000	ng	0.00
76) Chrysene-d12	21.503	240	363314	20.000	ng	0.00
86) Perylene-d12	23.927	264	413924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	390013	79.821	ng	0.00
7) Phenol-d6	7.093	99	509202	75.988	ng	0.00
23) Nitrobenzene-d5	9.122	82	344272	53.943	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	189477	80.284	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	705154	52.490	ng	0.00
79) Terphenyl-d14	19.939	244	1098625	51.273	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.004	117	6010	2.665	ng	# 1
26) 2-Nitrophenol	9.969	139	170	3.576	ng	# 1
31) Naphthalene	10.792	128	401746	26.136	ng	100
32) Benzoic acid	10.075	122	84	4.133	ng	# 1
33) 4-Chloroaniline	10.792	127	54238	9.049	ng	# 31
37) 2-Methylnaphthalene	12.398	142	214840	19.846	ng	99
38) 1-Methylnaphthalene	12.616	142	217658	21.361	ng	99
46) 1,1'-Biphenyl	13.410	154	43023	3.114	ng	99
48) 2-Nitroaniline	13.669	65	322	4.422	ng	# 33
49) Acenaphthylene	14.304	152	82691	4.925	ng	98
52) Acenaphthene	14.633	154	31946	3.135	ng	97
53) 3-Nitroaniline	14.486	138	280	4.433	ng	# 80
56) 4-Nitrophenol	15.027	139	1792	7.600	ng	83
57) 2,4-Dinitrotoluene	14.963	165	1645	4.329	ng	# 66
58) Fluorene	15.621	166	67452	5.032	ng	97
62) 4-Nitroaniline	15.710	138	137	5.782	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.727	198	61	5.856	ng	# 1
71) Phenanthrene	17.368	178	418723	20.047	ng	98
72) Anthracene	17.457	178	107656	5.204	ng	96
73) Carbazole	17.751	167	36508	2.169	ng	# 84
75) Fluoranthene	19.380	202	389164	15.861	ng	98
78) Pyrene	19.751	202	449364	18.012	ng	99
81) Benzo(a)anthracene	21.492	228	210309	9.098	ng	97
83) Chrysene	21.545	228	201666	8.588	ng	95
87) Indeno(1,2,3-cd)pyrene	26.444	276	116899	4.745	ng	# 93
88) Benzo(b)fluoranthene	23.180	252	320194	13.885	ng	96
89) Benzo(k)fluoranthene	23.180	252	320194	12.461	ng	97
90) Benzo(a)pyrene	23.815	252	183074	8.064	ng	97
91) Dibenzo(a,h)anthracene	26.456	278	32220	5.433	ng	# 88
92) Benzo(g,h,i)perylene	27.238	276	133398	6.144	ng	98

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

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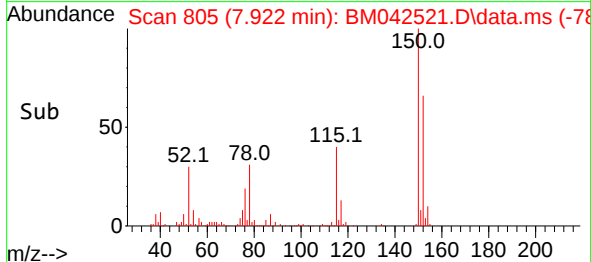
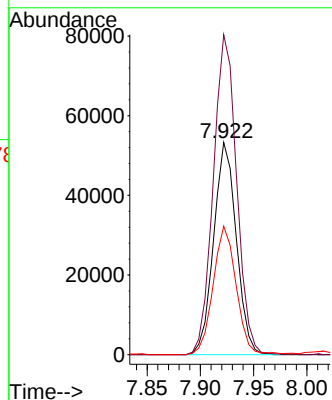
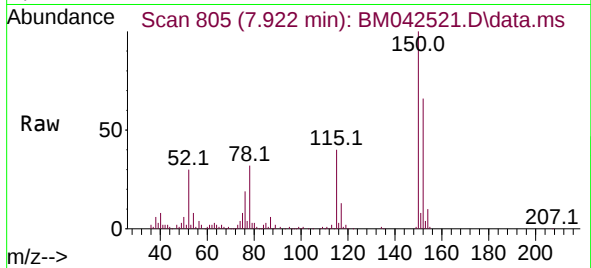




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

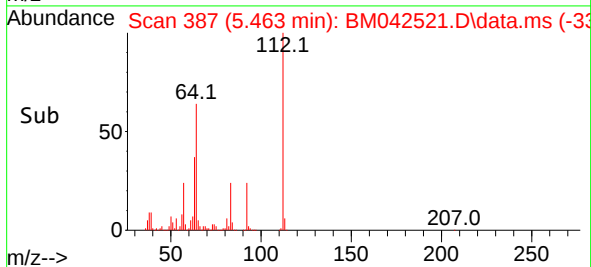
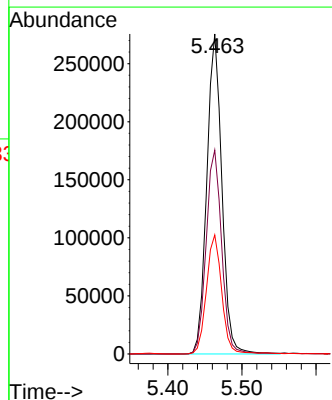
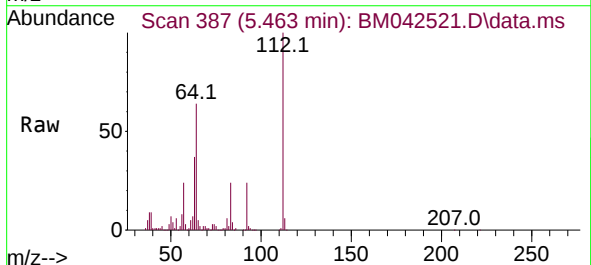
Instrument :
BNA_M
ClientSampleId :
0-2(0-10)

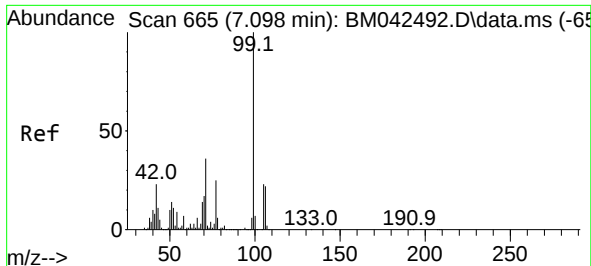
Tgt Ion:152 Resp: 78856
Ion Ratio Lower Upper
152 100
150 150.7 127.4 191.0
115 60.5 47.9 71.9



#5
2-Fluorophenol
Concen: 79.821 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

Tgt Ion:112 Resp: 390013
Ion Ratio Lower Upper
112 100
64 63.7 52.1 78.1
63 37.2 28.3 42.5

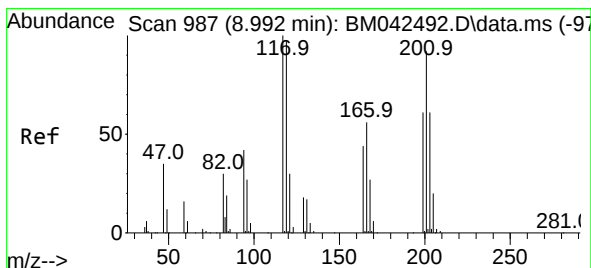
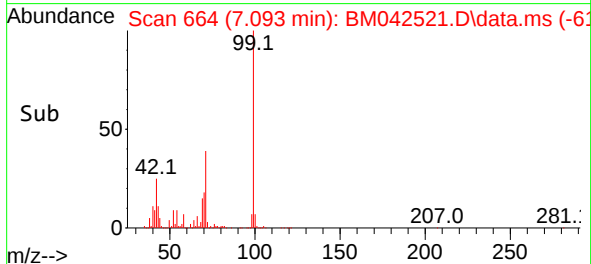
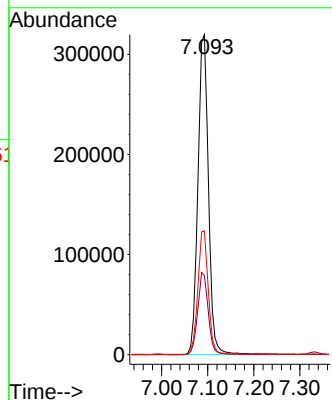
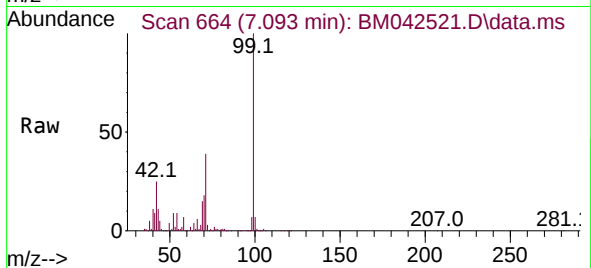




#7
Phenol-d6
Concen: 75.988 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

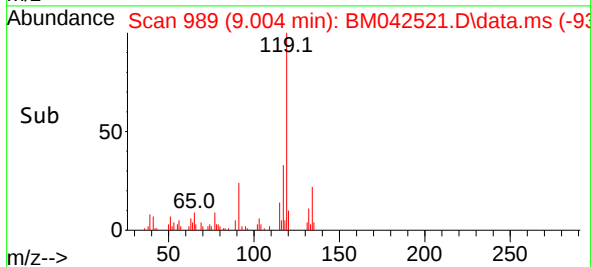
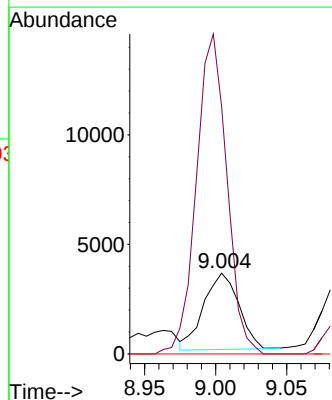
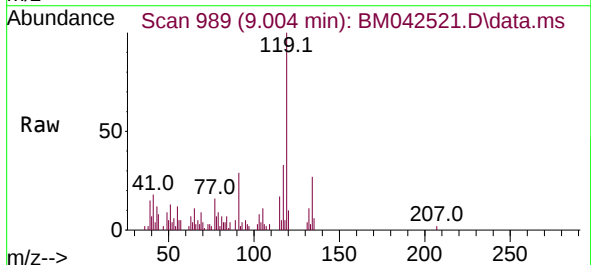
Instrument :
BNA_M
ClientSampleId :
0-2(0-10)

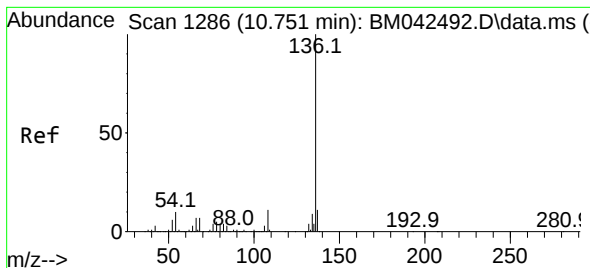
Tgt Ion: 99 Resp: 509202
Ion Ratio Lower Upper
99 100
42 24.7 18.7 28.1
71 38.6 29.1 43.7



#18
Hexachloroethane
Concen: 2.665 ng
RT: 9.004 min Scan# 989
Delta R.T. 0.012 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

Tgt Ion: 117 Resp: 6010
Ion Ratio Lower Upper
117 100
119 306.0 77.9 116.9#
201 0.0 73.7 110.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.739 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

Tgt Ion:136 Resp: 297514

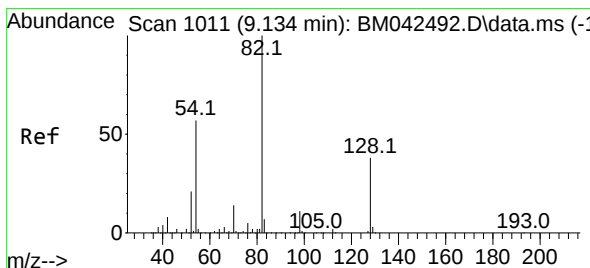
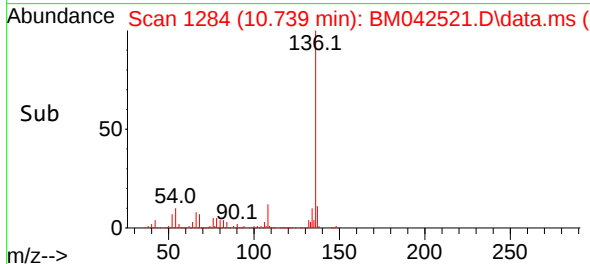
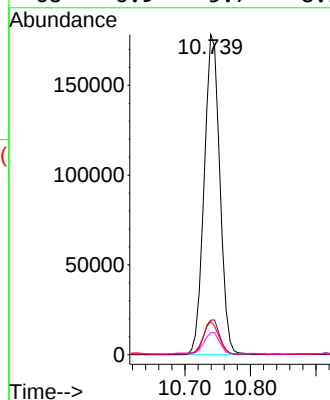
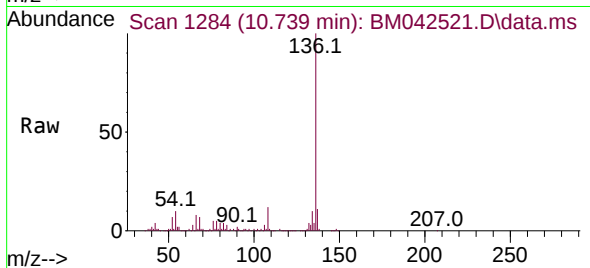
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 10.4 8.0 12.0

68 6.9 5.7 8.5



#23

Nitrobenzene-d5

Concen: 53.943 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

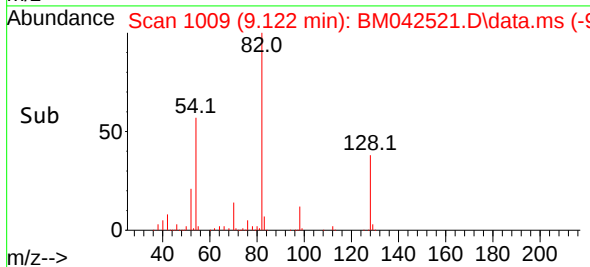
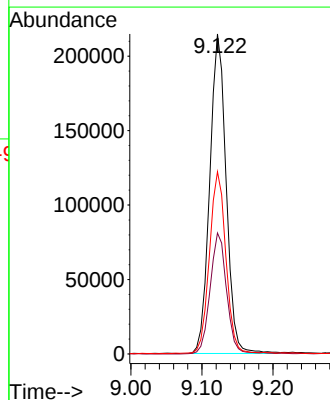
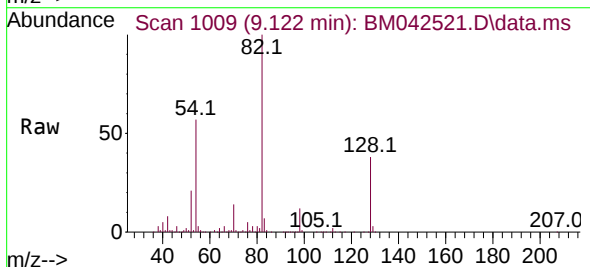
Tgt Ion: 82 Resp: 344272

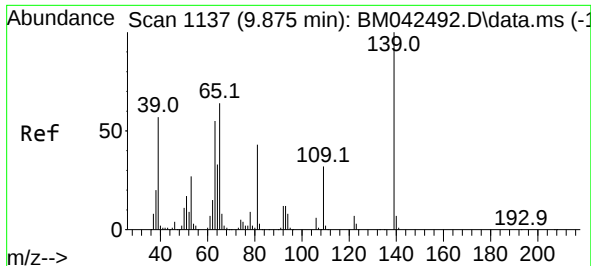
Ion Ratio Lower Upper

82 100

128 37.8 30.7 46.1

54 57.0 45.3 67.9

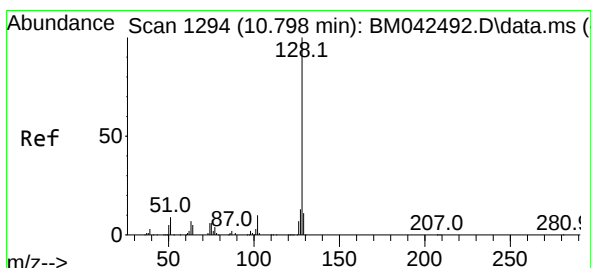
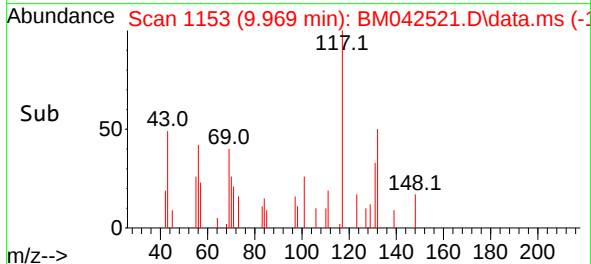
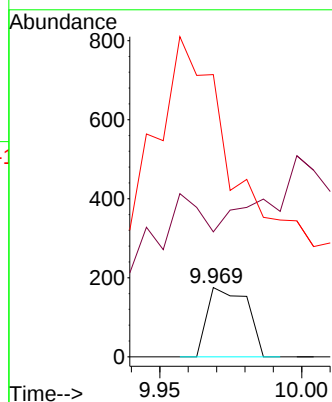
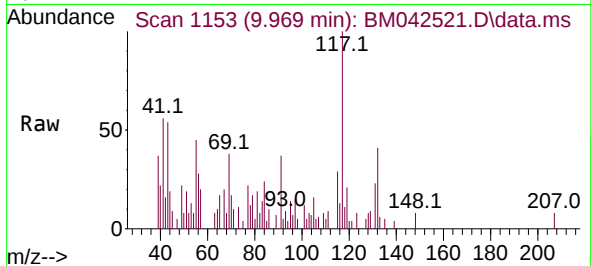




#26
2-Nitrophenol
Concen: 3.576 ng
RT: 9.969 min Scan# 1137
Delta R.T. 0.094 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

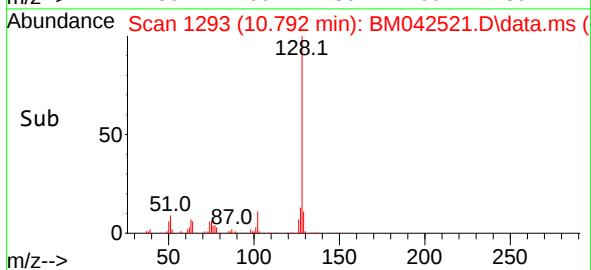
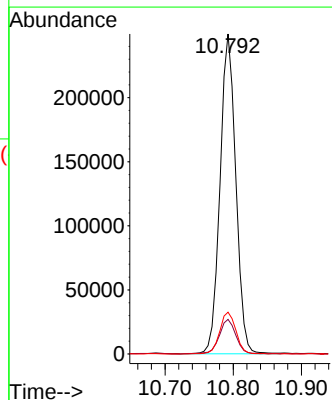
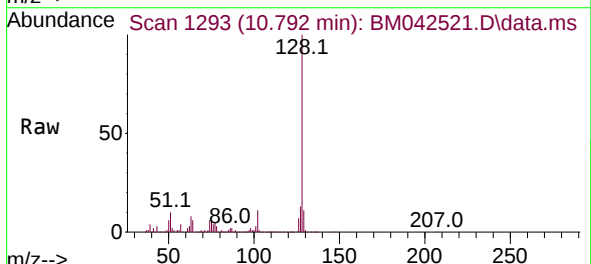
Instrument :
BNA_M
ClientSampleId :
0-2(0-10)

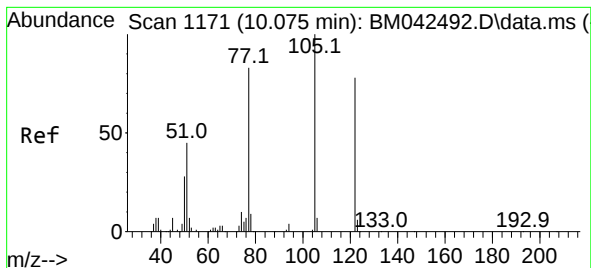
Tgt Ion:139 Resp: 170
Ion Ratio Lower Upper
139 100
109 180.6 25.2 37.8#
65 408.0 51.4 77.0#



#31
Naphthalene
Concen: 26.136 ng
RT: 10.792 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

Tgt Ion:128 Resp: 401746
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.1 10.6 15.8





#32

Benzoic acid

Concen: 4.133 ng

RT: 10.075 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

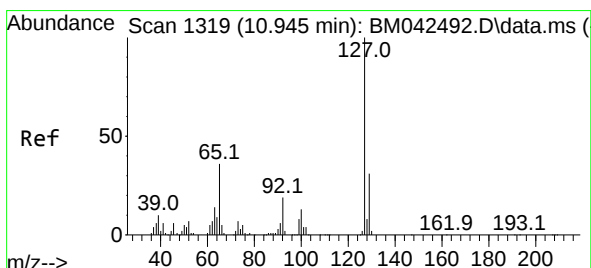
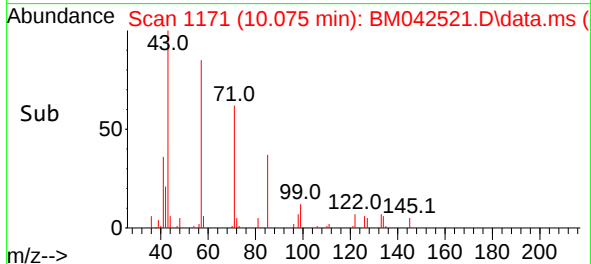
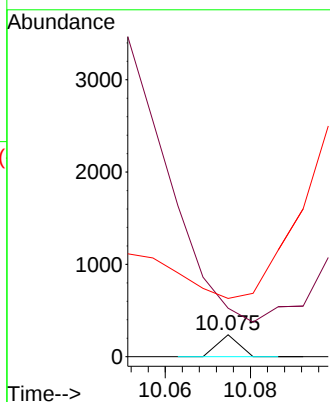
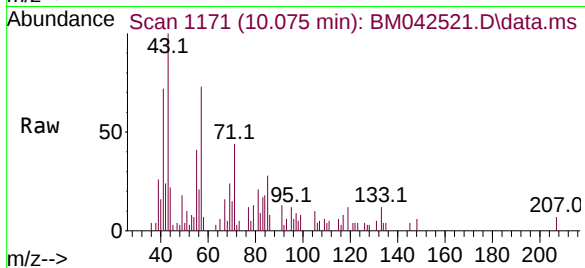
Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

Tgt Ion:	122	Resp:	84
Ion	Ratio	Lower	Upper
122	100		
105	220.6	105.2	145.2#
77	265.1	84.8	124.8#



#33

4-Chloroaniline

Concen: 9.049 ng

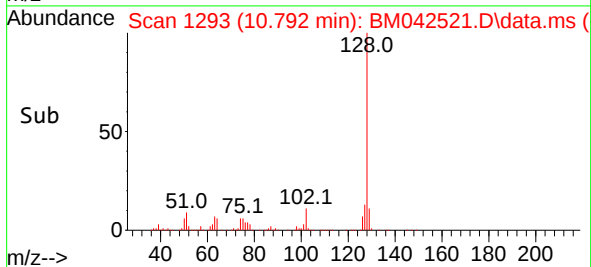
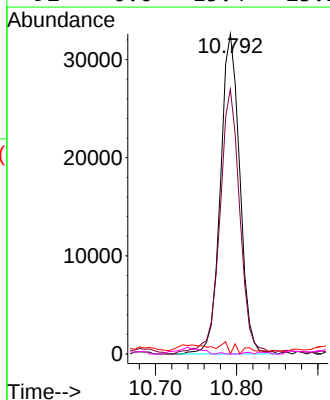
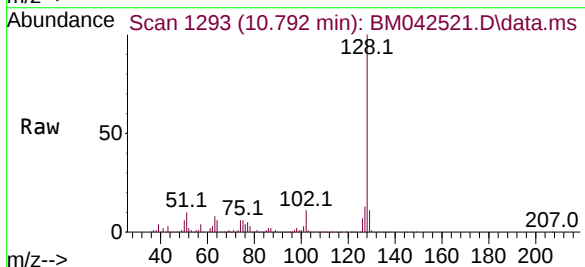
RT: 10.792 min Scan# 1293

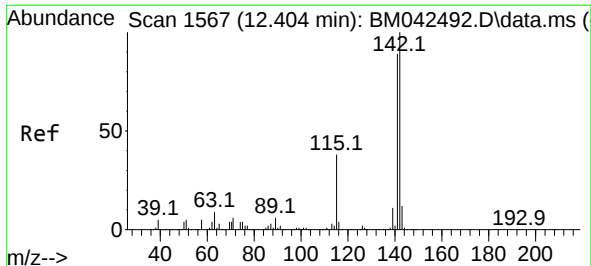
Delta R.T. -0.153 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Tgt Ion:	127	Resp:	54238
Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.0	37.4#
65	0.0	29.0	43.4#
92	0.0	15.4	23.2#

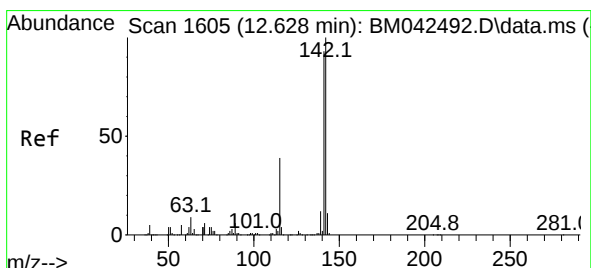
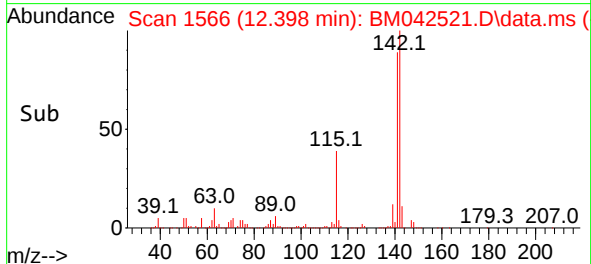
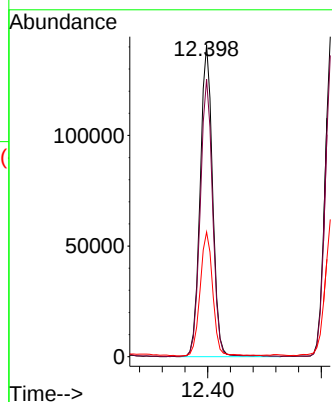
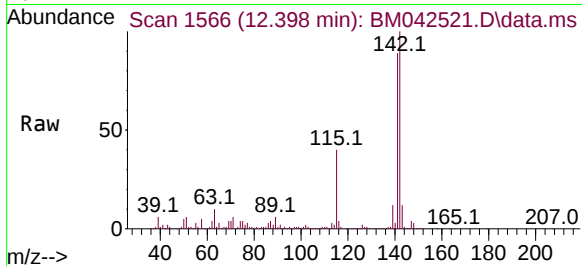




#37
2-Methylnaphthalene
Concen: 19.846 ng
RT: 12.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

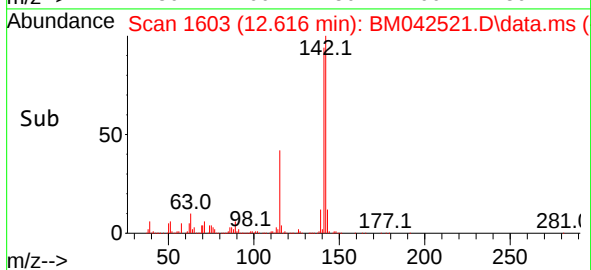
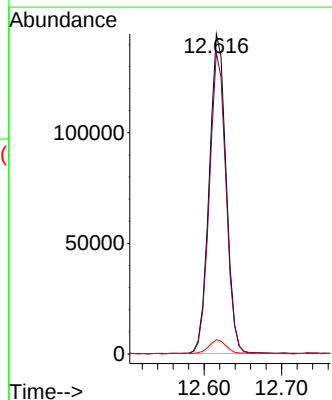
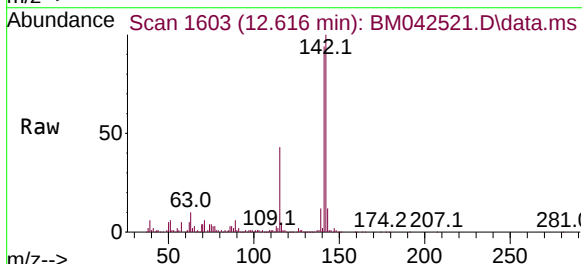
Instrument :
BNA_M
ClientSampleId :
0-2(0-10)

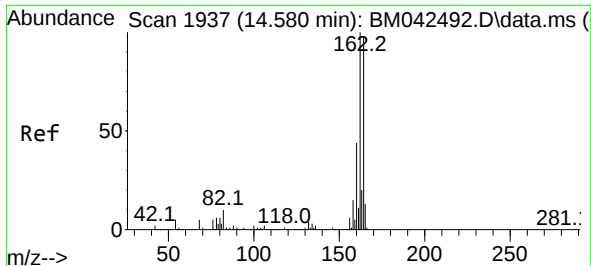
Tgt Ion:142 Resp: 214840
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3
115 39.9 30.2 45.2



#38
1-Methylnaphthalene
Concen: 21.361 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

Tgt Ion:142 Resp: 217658
Ion Ratio Lower Upper
142 100
141 94.2 74.4 111.6
116 4.5 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

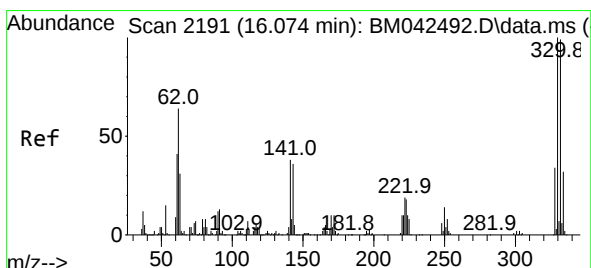
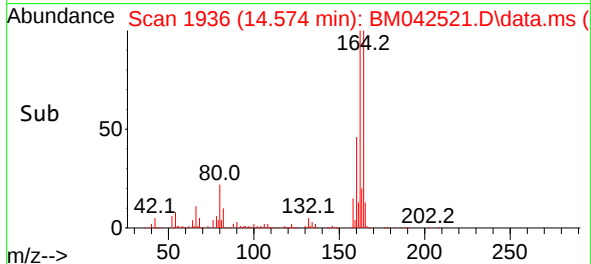
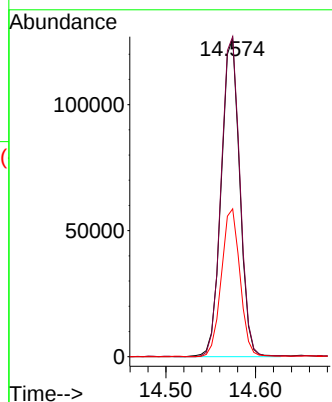
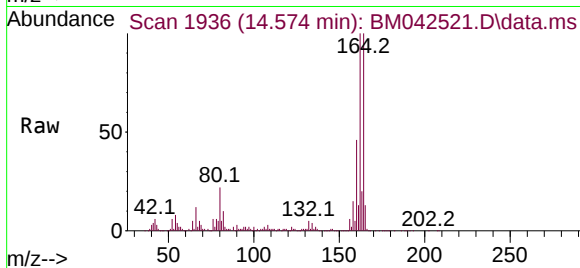
Tgt Ion:164 Resp: 180768

Ion Ratio Lower Upper

164 100

162 100.4 81.6 122.4

160 46.4 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 80.284 ng

RT: 16.068 min Scan# 2190

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

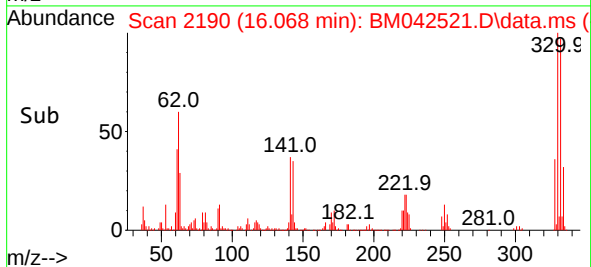
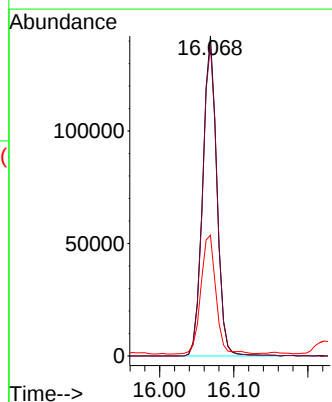
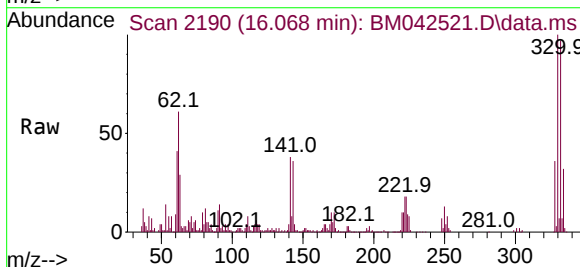
Tgt Ion:330 Resp: 189477

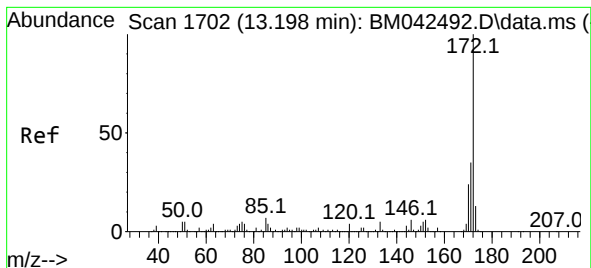
Ion Ratio Lower Upper

330 100

332 98.2 78.8 118.2

141 39.5 31.1 46.7





#45

2-Fluorobiphenyl

Concen: 52.490 ng

RT: 13.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

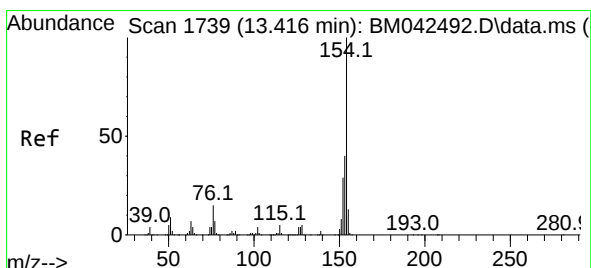
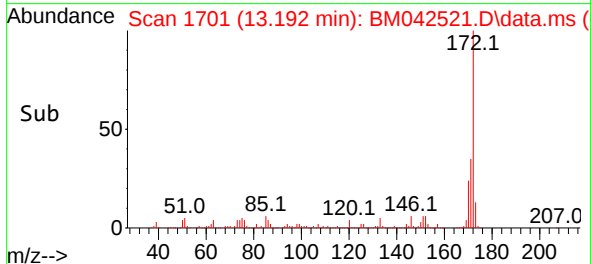
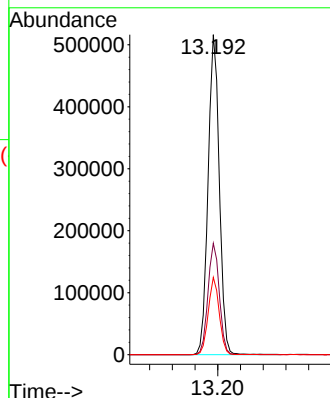
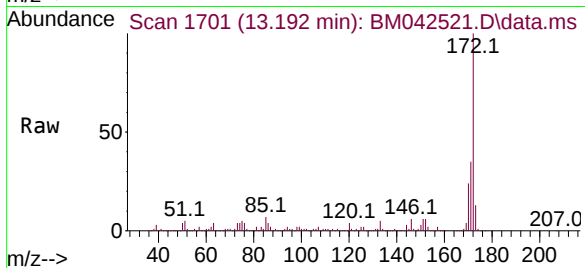
Tgt Ion:172 Resp: 705154

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 24.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 3.114 ng

RT: 13.410 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

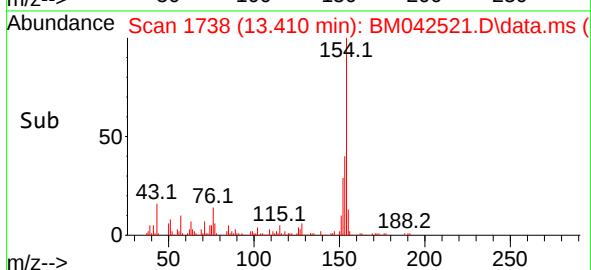
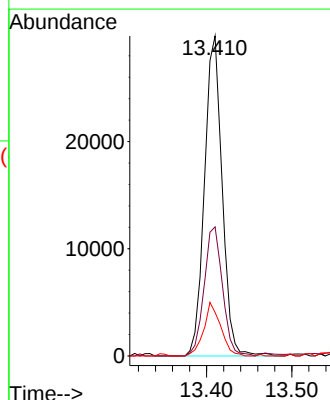
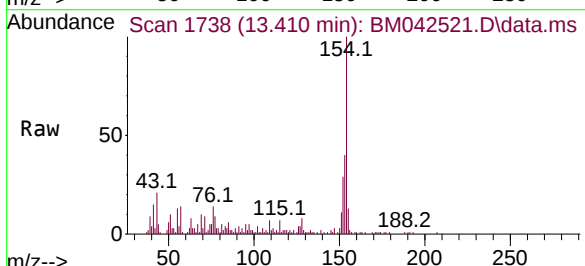
Tgt Ion:154 Resp: 43023

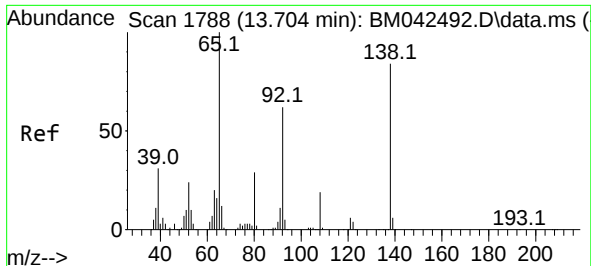
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.6 0.0 35.0

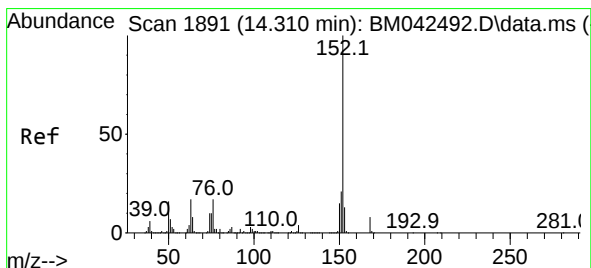
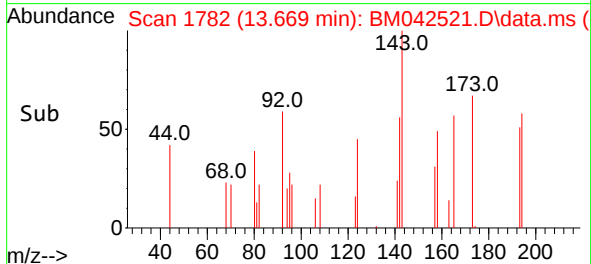
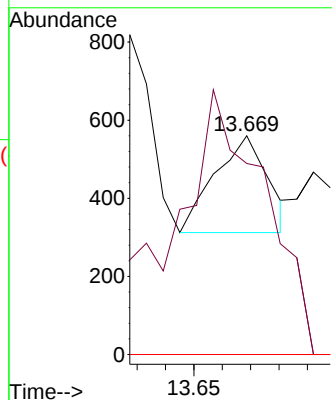
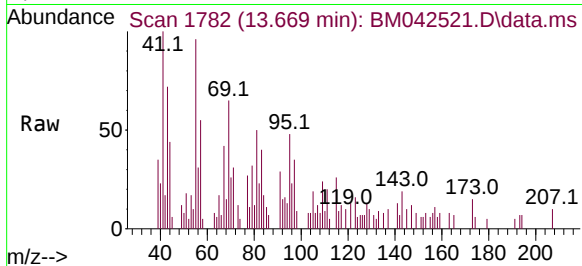




#48
2-Nitroaniline
Concen: 4.422 ng
RT: 13.669 min Scan# 1
Delta R.T. -0.035 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

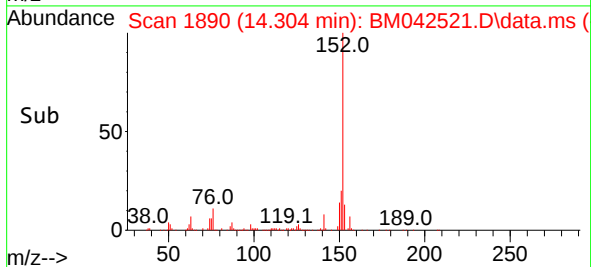
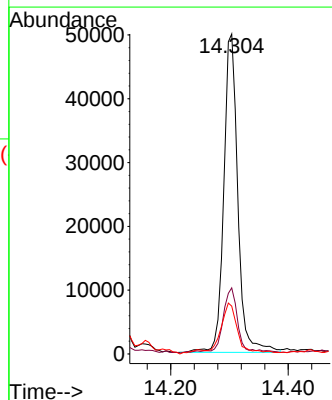
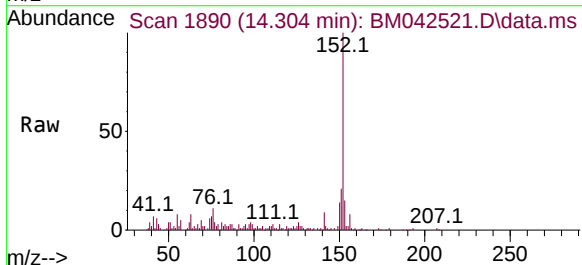
Instrument :
BNA_M
ClientSampleId :
0-2(0-10)

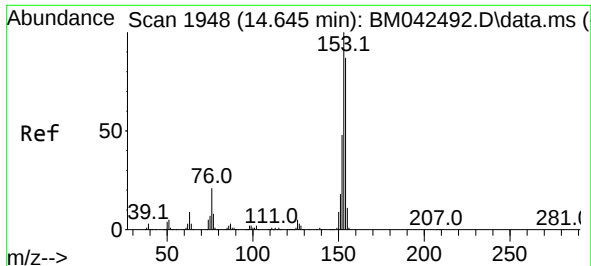
Tgt Ion: 65 Resp: 322
Ion Ratio Lower Upper
65 100
92 87.3 49.4 74.2#
138 0.0 66.9 100.3#



#49
Acenaphthylene
Concen: 4.925 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

Tgt Ion: 152 Resp: 82691
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 15.0 10.4 15.6

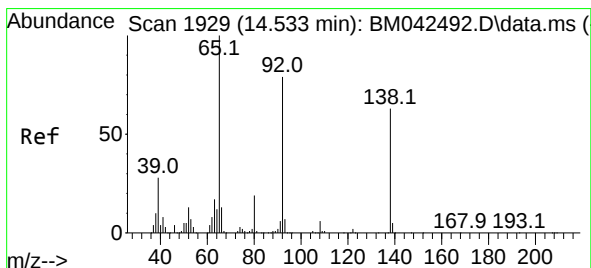
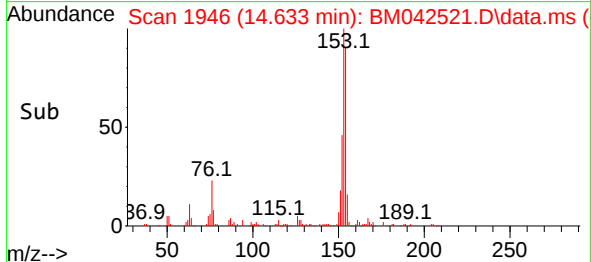
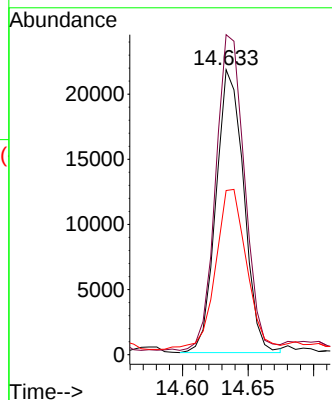
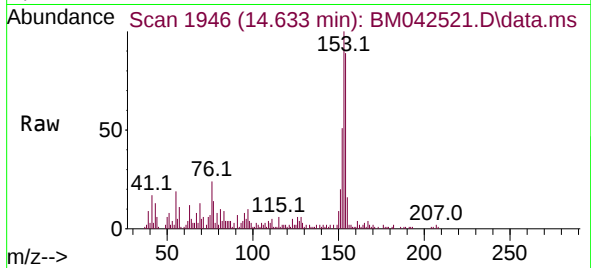




#52
Acenaphthene
Concen: 3.135 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

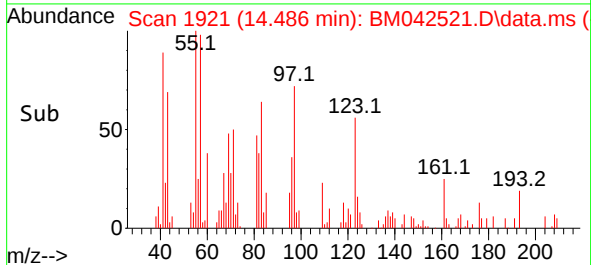
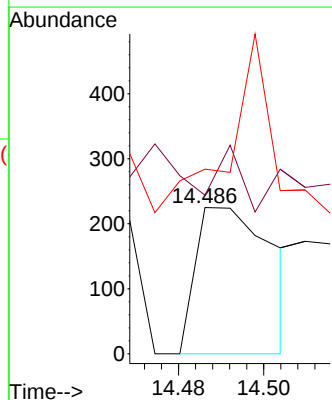
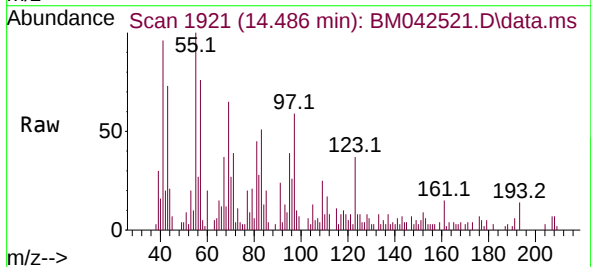
Instrument :
BNA_M
ClientSampleId :
0-2(0-10)

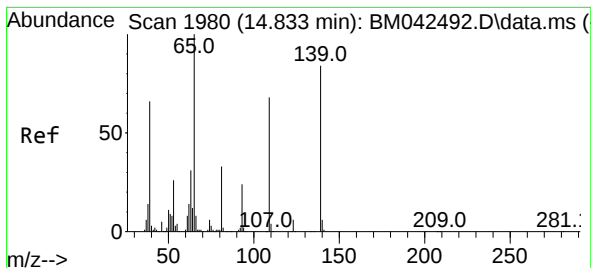
Tgt Ion:154 Resp: 31946
Ion Ratio Lower Upper
154 100
153 112.3 92.0 138.0
152 57.6 44.0 66.0



#53
3-Nitroaniline
Concen: 4.433 ng
RT: 14.486 min Scan# 1921
Delta R.T. -0.047 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

Tgt Ion:138 Resp: 280
Ion Ratio Lower Upper
138 100
108 108.4 7.9 11.9#
92 126.2 100.7 151.1

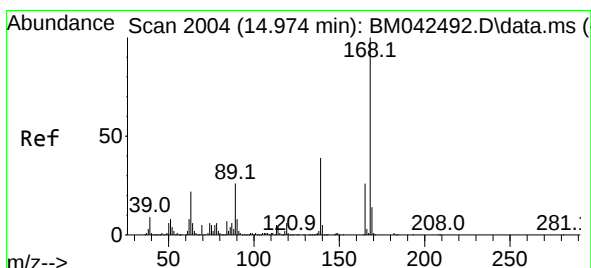
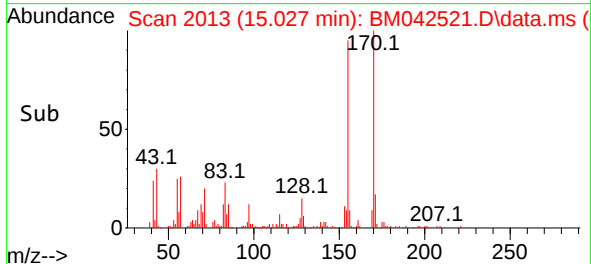
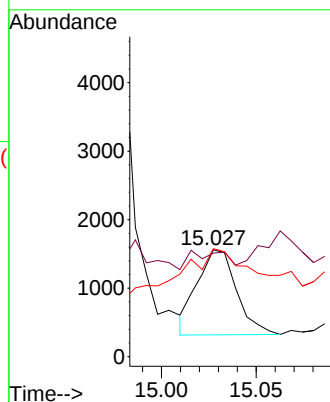
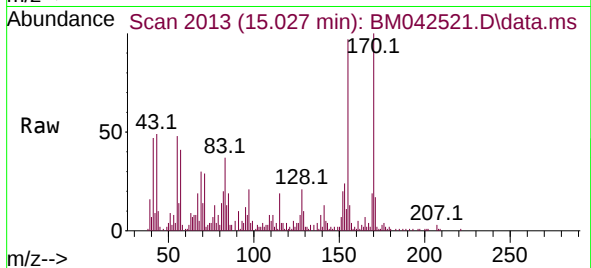




#56
4-Nitrophenol
Concen: 7.600 ng
RT: 15.027 min Scan# 20
Delta R.T. 0.194 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

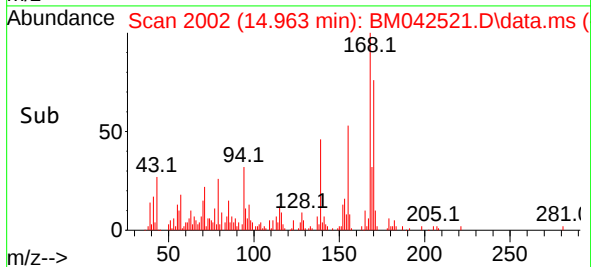
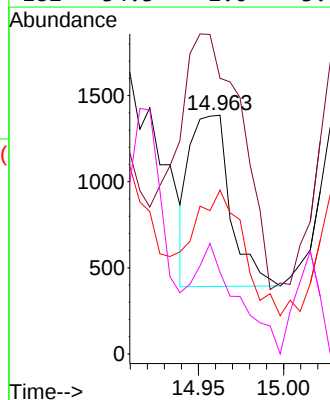
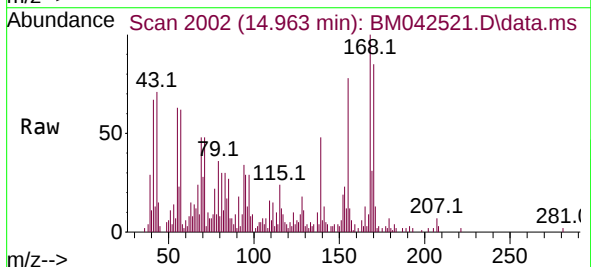
Instrument :
BNA_M
ClientSampleId :
0-2(0-10)

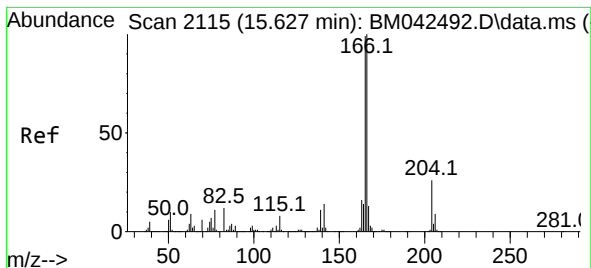
Tgt Ion:139 Resp: 1792
Ion Ratio Lower Upper
139 100
109 96.9 61.3 101.3
65 101.0 100.2 140.2



#57
2,4-Dinitrotoluene
Concen: 4.329 ng
RT: 14.963 min Scan# 2002
Delta R.T. -0.011 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

Tgt Ion:165 Resp: 1645
Ion Ratio Lower Upper
165 100
63 115.5 66.7 100.1#
89 68.6 80.2 120.4#
182 34.3 2.0 3.0#





#58

Fluorene

Concen: 5.032 ng

RT: 15.621 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

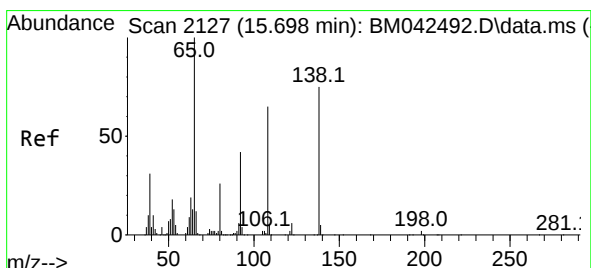
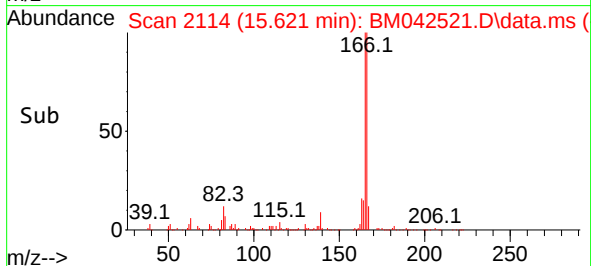
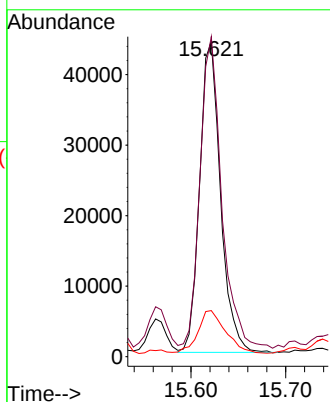
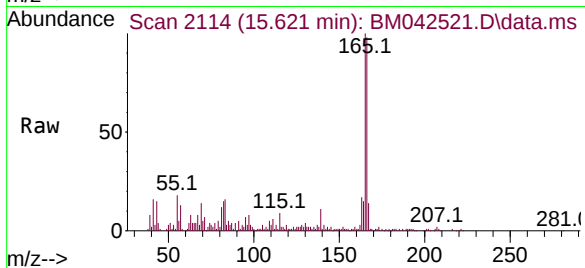
Tgt Ion:166 Resp: 67452

Ion Ratio Lower Upper

166 100

165 101.6 79.3 118.9

167 14.6 10.5 15.7



#62

4-Nitroaniline

Concen: 5.782 ng

RT: 15.710 min Scan# 2129

Delta R.T. 0.012 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

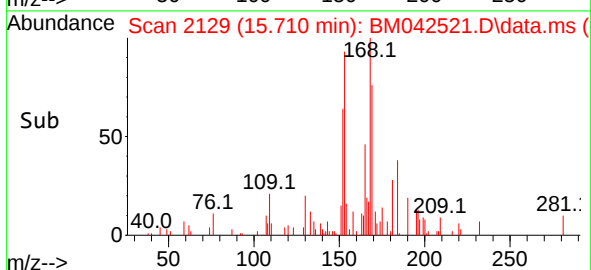
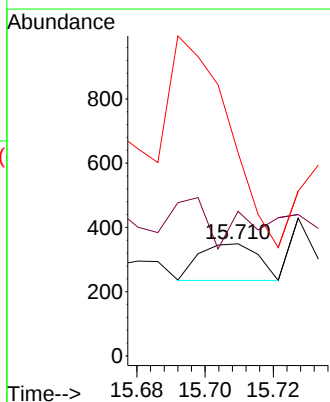
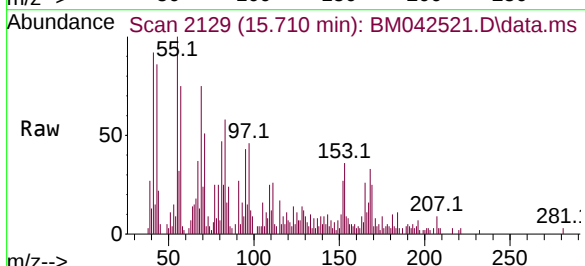
Tgt Ion:138 Resp: 137

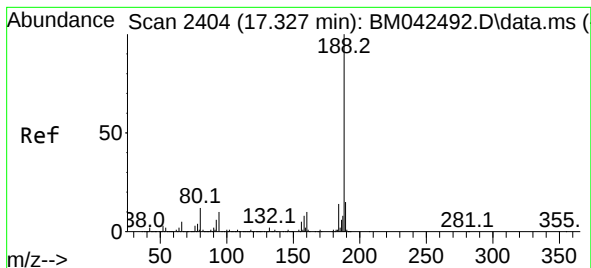
Ion Ratio Lower Upper

138 100

92 128.9 37.0 77.0#

108 181.4 67.2 107.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

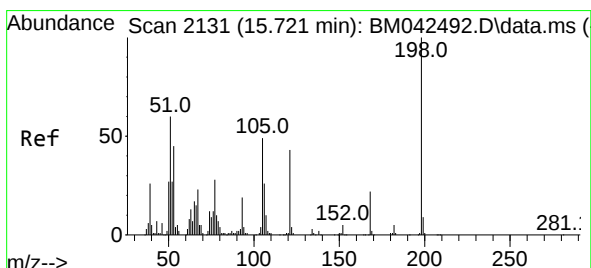
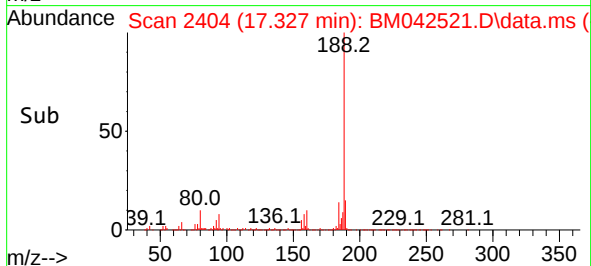
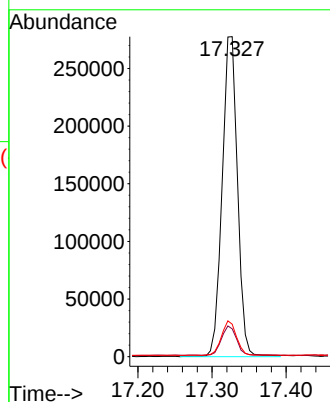
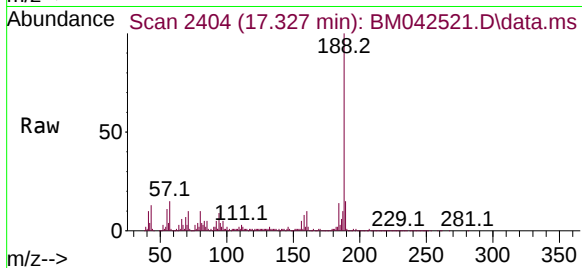
Tgt Ion:188 Resp: 399690

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

80 10.2 9.4 14.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.856 ng

RT: 15.727 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

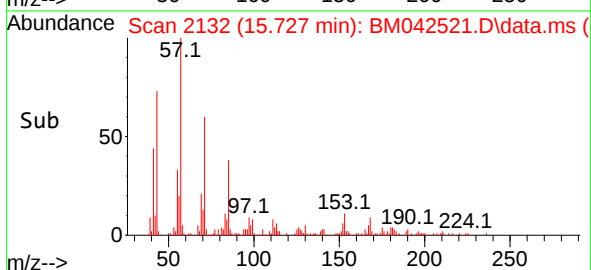
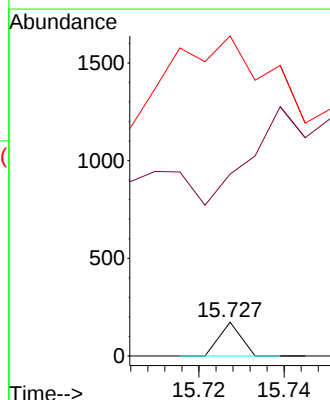
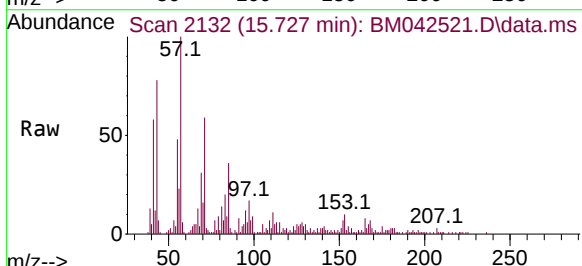
Tgt Ion:198 Resp: 61

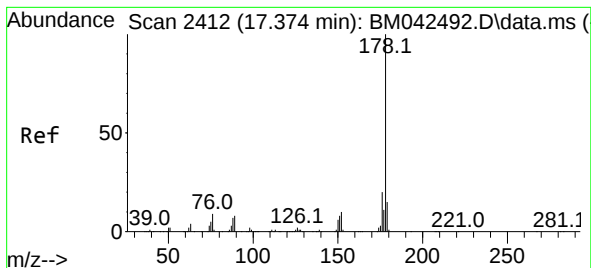
Ion Ratio Lower Upper

198 100

51 538.2 42.4 82.4#

105 946.8 29.2 69.2#





#71

Phenanthrene

Concen: 20.047 ng

RT: 17.368 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

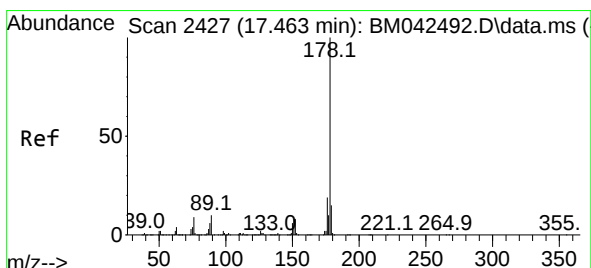
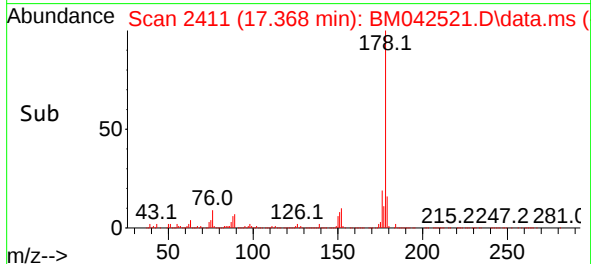
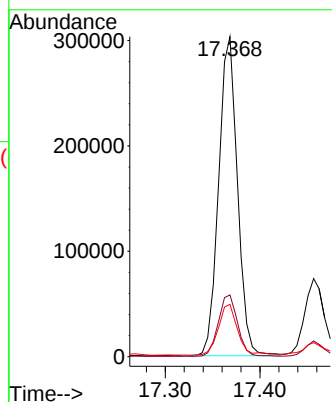
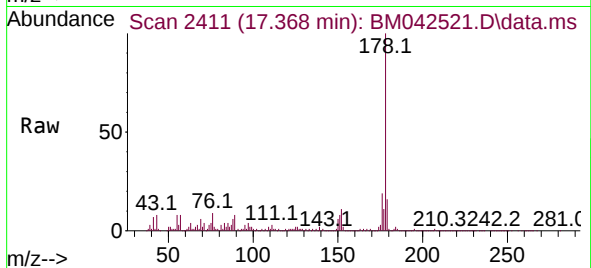
Tgt Ion:178 Resp: 418723

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 16.3 12.2 18.4



#72

Anthracene

Concen: 5.204 ng

RT: 17.457 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

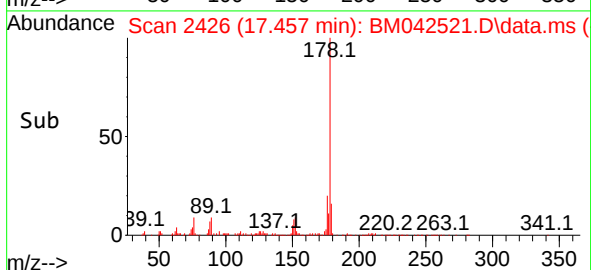
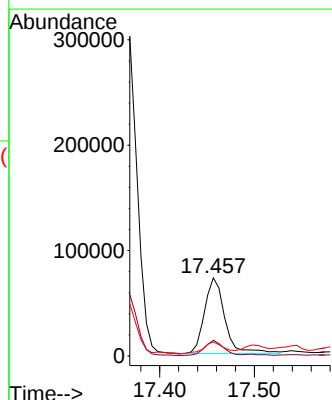
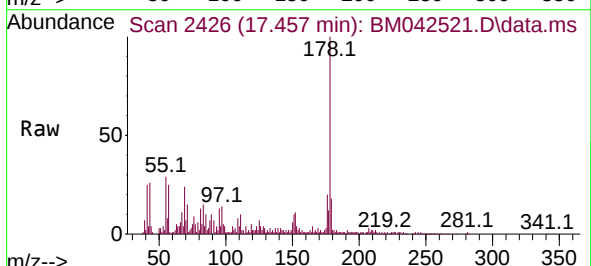
Tgt Ion:178 Resp: 107656

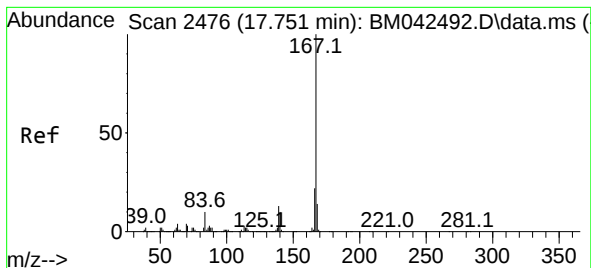
Ion Ratio Lower Upper

178 100

176 20.0 15.2 22.8

179 18.0 12.3 18.5





#73

Carbazole

Concen: 2.169 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

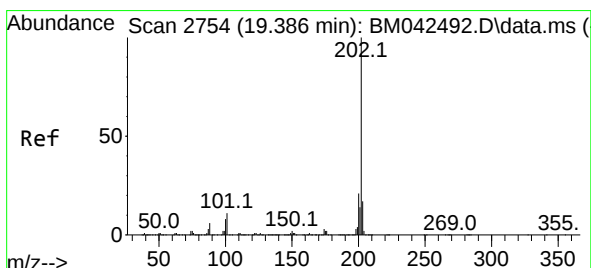
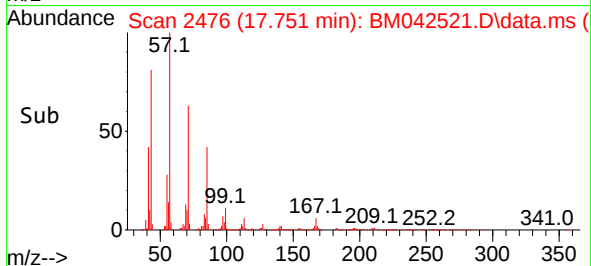
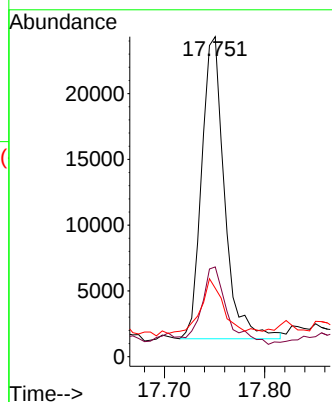
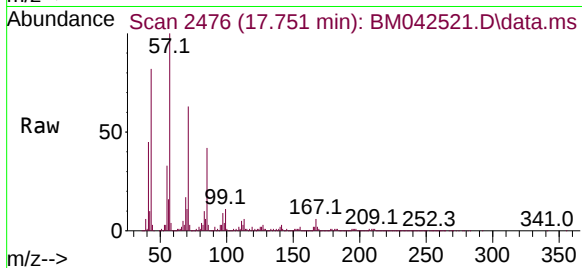
Tgt Ion:167 Resp: 36508

Ion Ratio Lower Upper

167 100

166 28.0 17.4 26.2#

139 21.4 10.5 15.7#



#75

Fluoranthene

Concen: 15.861 ng

RT: 19.380 min Scan# 2753

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

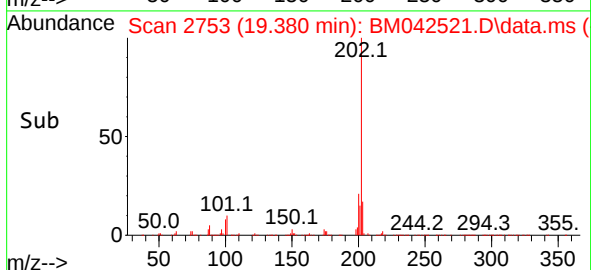
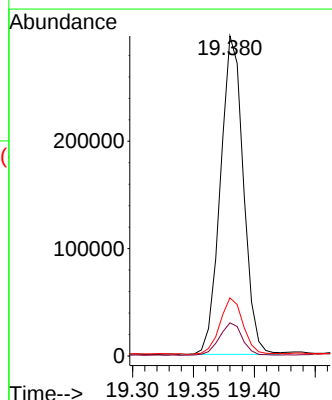
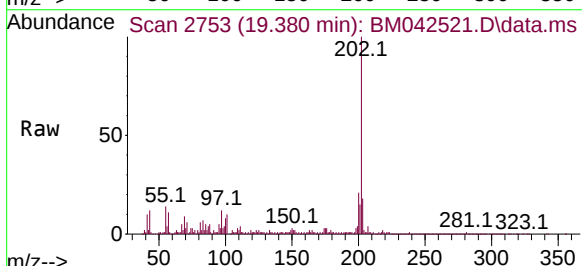
Tgt Ion:202 Resp: 389164

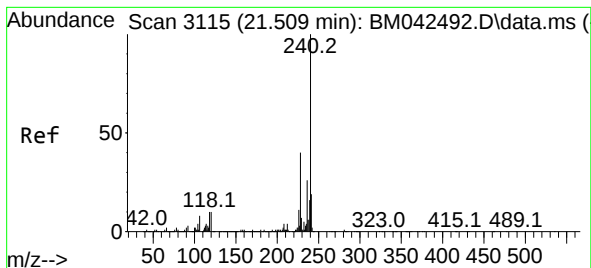
Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.5

203 18.1 0.0 37.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

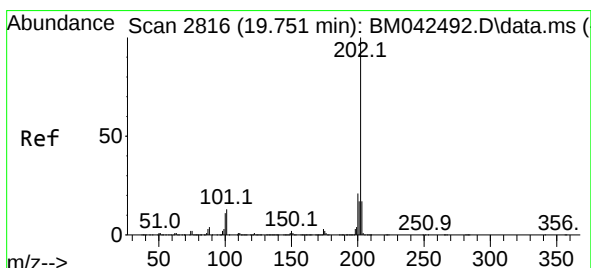
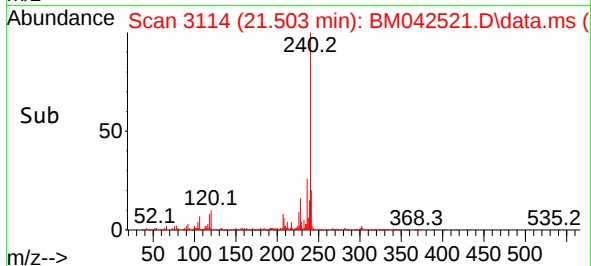
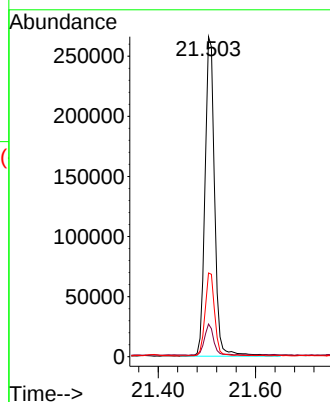
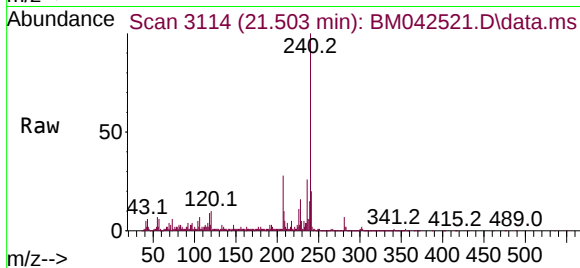
Tgt Ion:240 Resp: 363314

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

236 26.2 20.8 31.2



#78

Pyrene

Concen: 18.012 ng

RT: 19.751 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

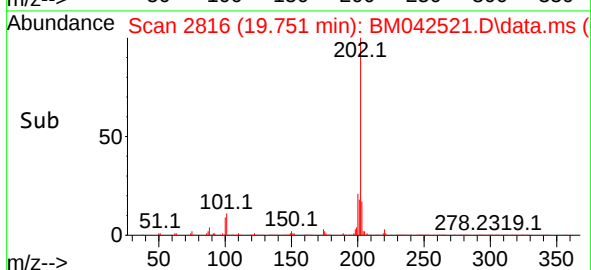
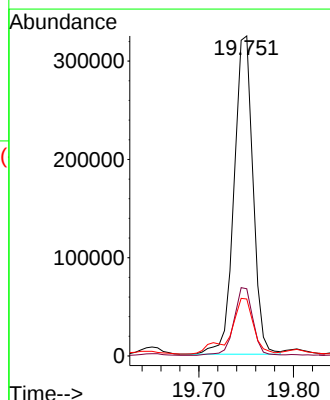
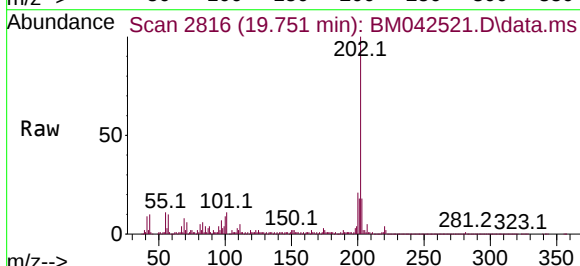
Tgt Ion:202 Resp: 449364

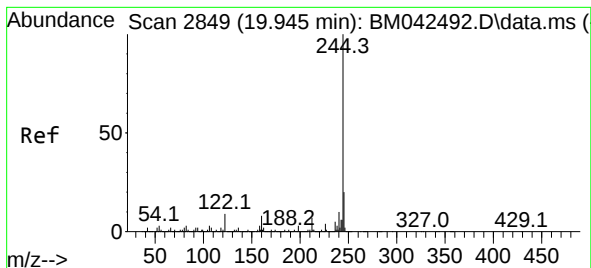
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.8 13.7 20.5





#79

Terphenyl-d14

Concen: 51.273 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

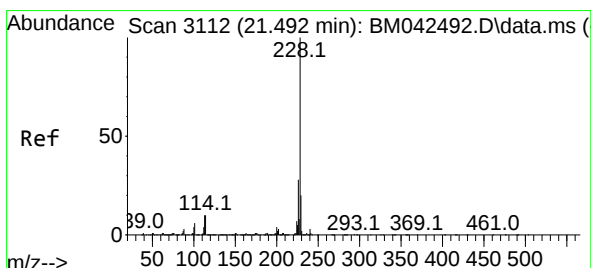
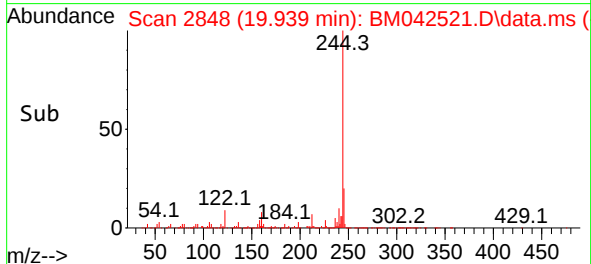
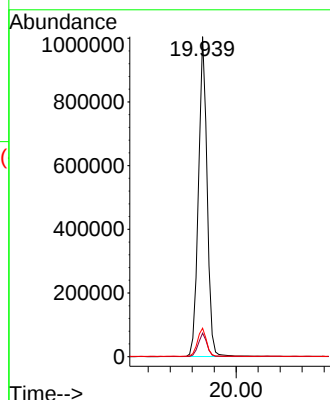
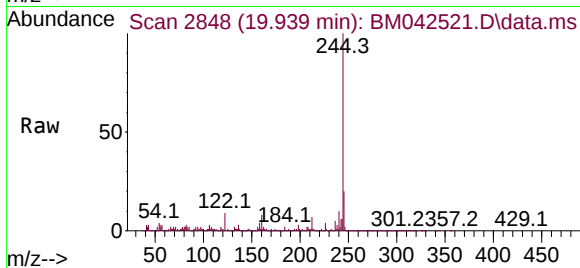
Tgt Ion:244 Resp: 1098625

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 8.9 7.2 10.8



#81

Benzo(a)anthracene

Concen: 9.098 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

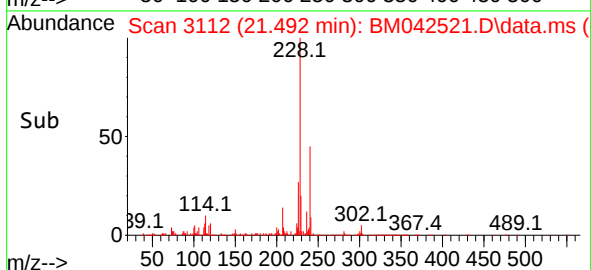
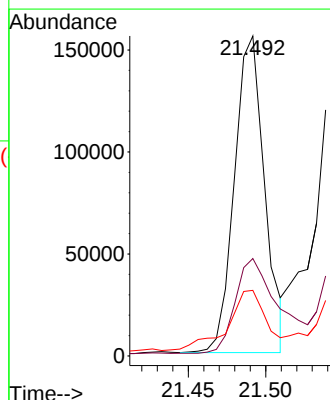
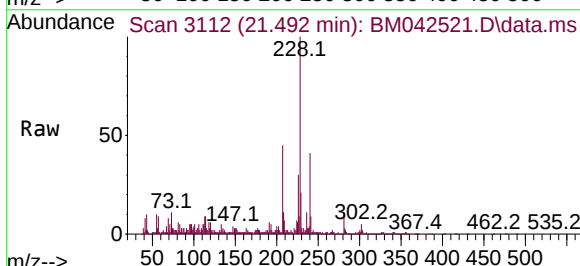
Tgt Ion:228 Resp: 210309

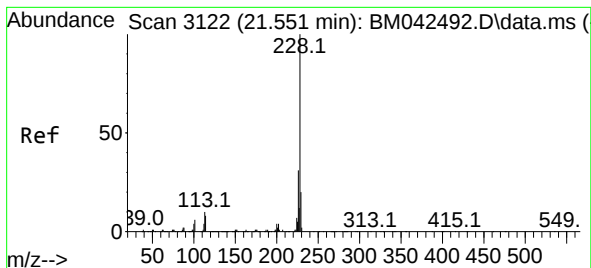
Ion Ratio Lower Upper

228 100

226 30.4 22.3 33.5

229 20.5 15.8 23.8





#83

Chrysene

Concen: 8.588 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

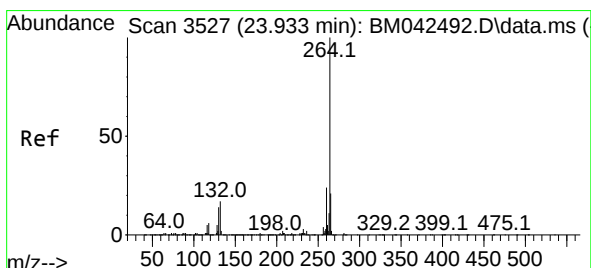
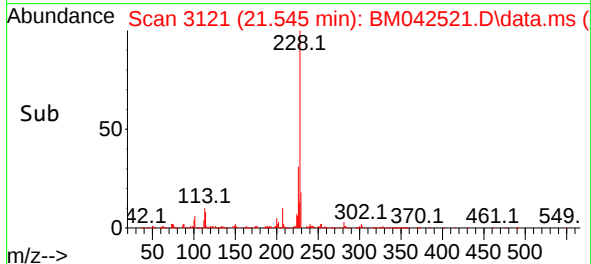
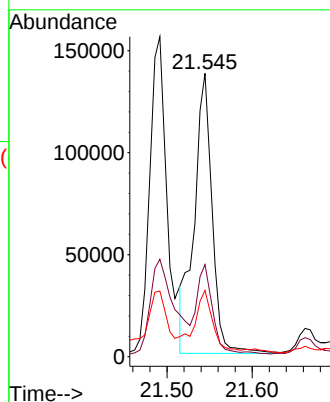
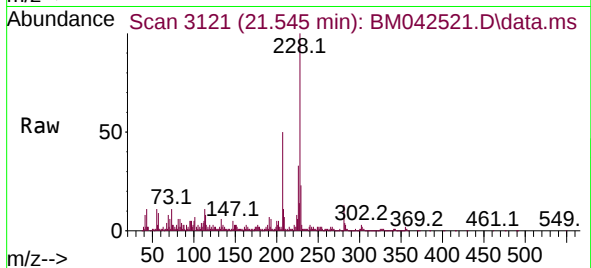
Tgt Ion:228 Resp: 201666

Ion Ratio Lower Upper

228 100

226 32.5 24.4 36.6

229 23.4 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

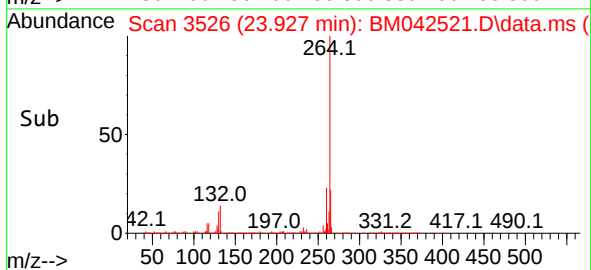
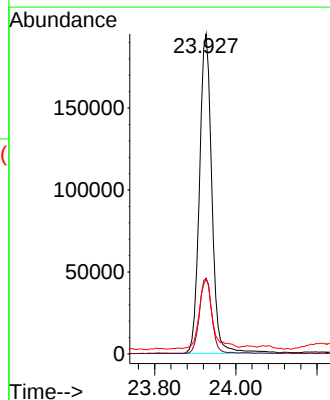
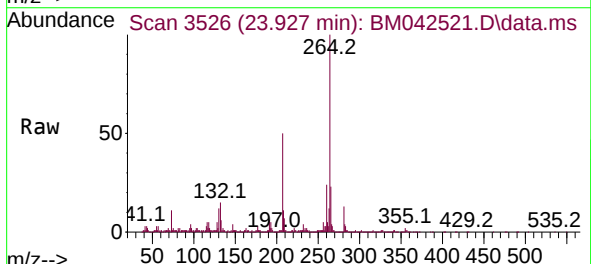
Tgt Ion:264 Resp: 413924

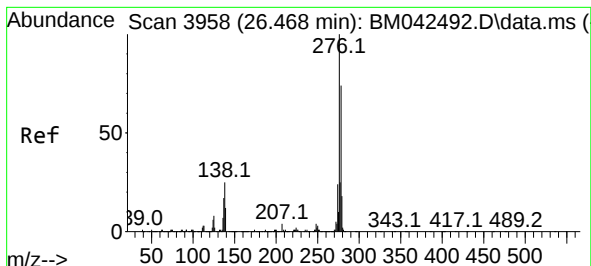
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 23.4 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.745 ng

RT: 26.444 min Scan# 3399

Delta R.T. -0.024 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

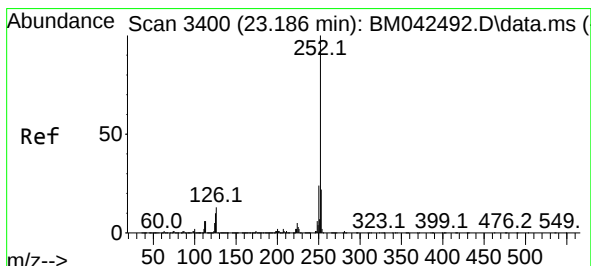
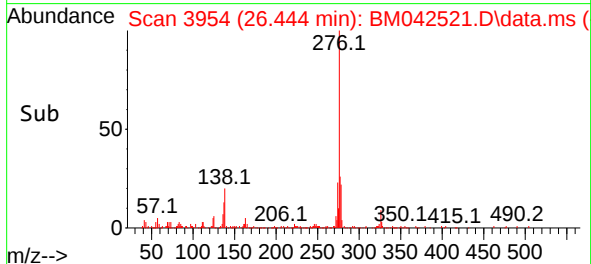
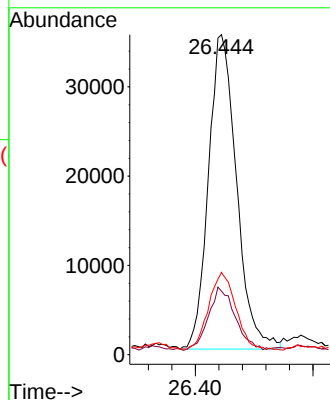
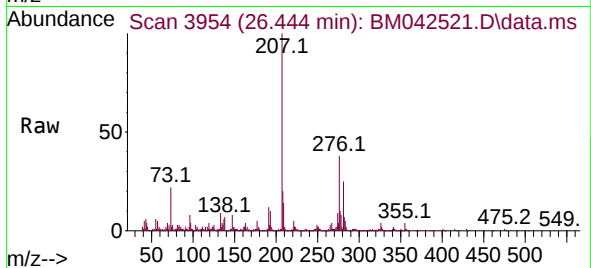
Tgt Ion:276 Resp: 116899

Ion Ratio Lower Upper

276 100

138 19.2 20.6 31.0#

277 23.9 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 13.885 ng

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

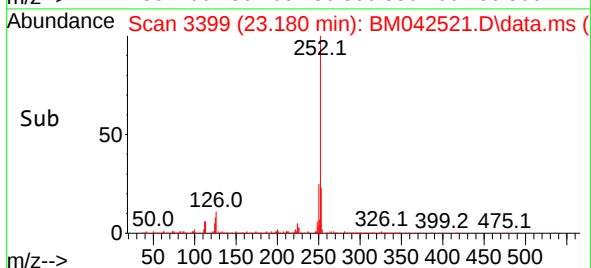
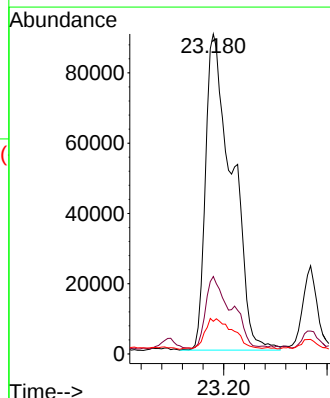
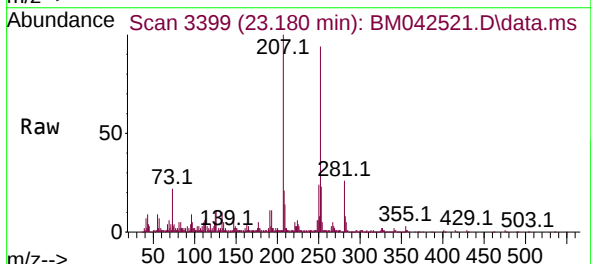
Tgt Ion:252 Resp: 320194

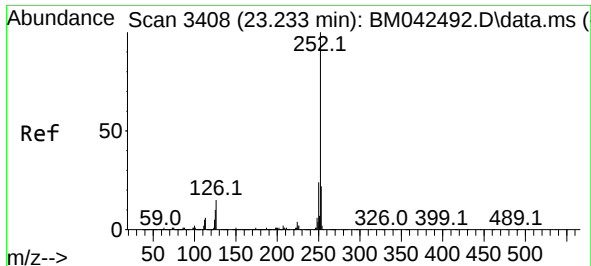
Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

125 10.2 7.8 11.6

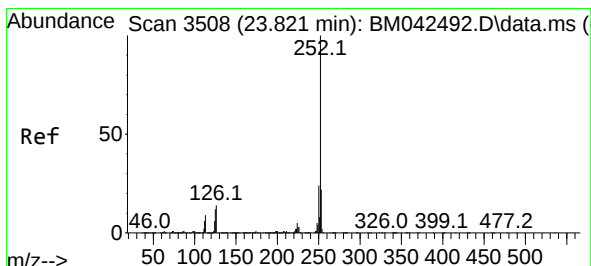
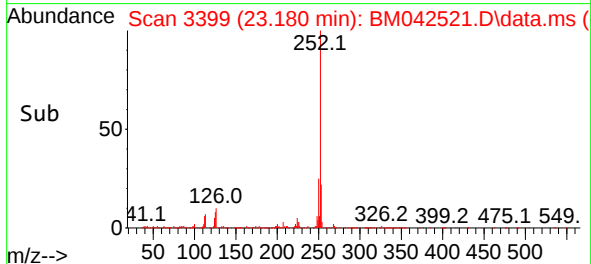
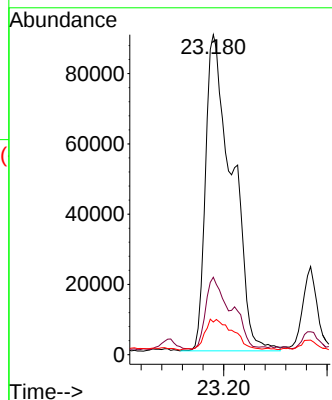
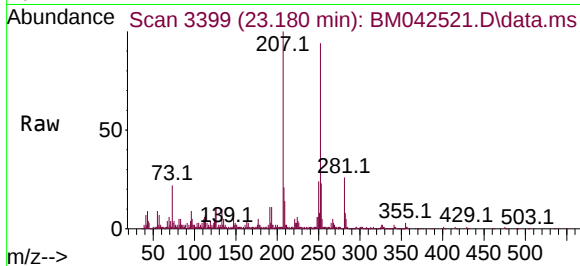




#89
Benzo(k)fluoranthene
Concen: 12.461 ng
RT: 23.180 min Scan# 31
Delta R.T. -0.053 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

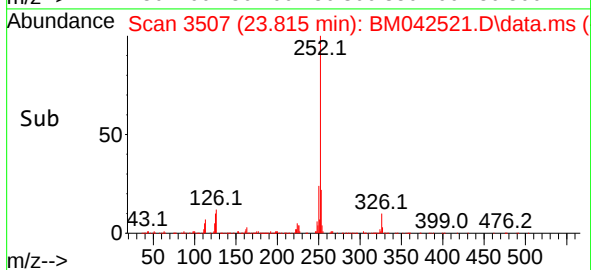
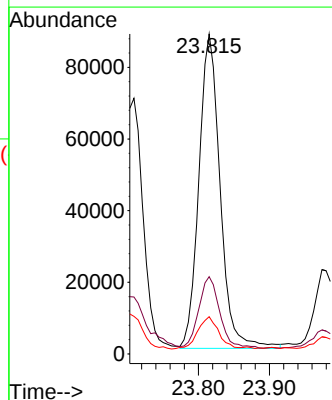
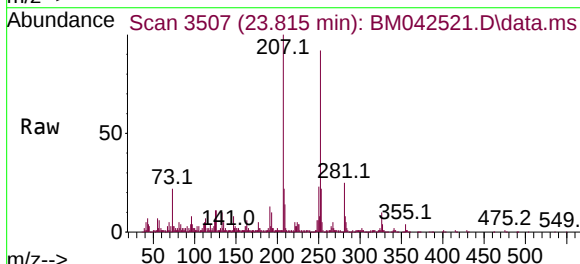
Instrument :
BNA_M
ClientSampleId :
0-2(0-10)

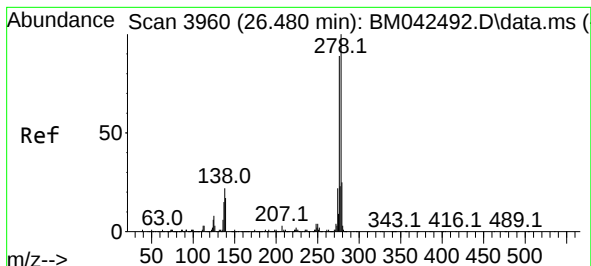
Tgt Ion:252 Resp: 320194
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 10.2 8.2 12.4



#90
Benzo(a)pyrene
Concen: 8.064 ng
RT: 23.815 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM042521.D
Acq: 31 Oct 2023 21:23

Tgt Ion:252 Resp: 183074
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 5.433 ng

RT: 26.456 min Scan# 3956

Delta R.T. -0.024 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Instrument :

BNA_M

ClientSampleId :

0-2(0-10)

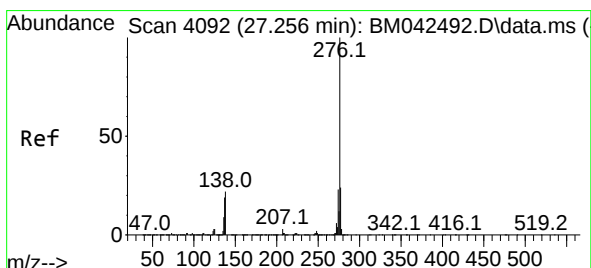
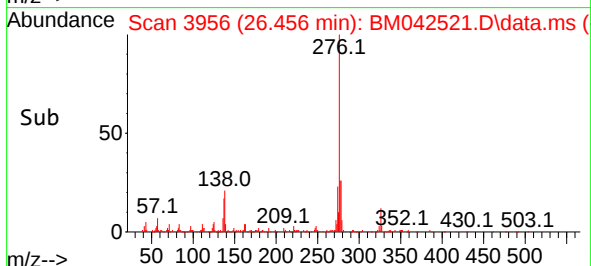
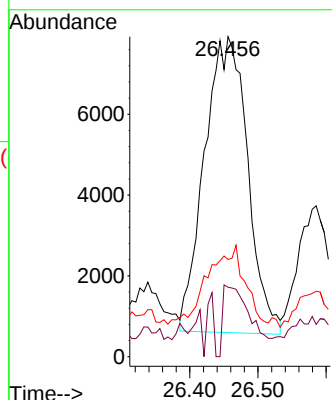
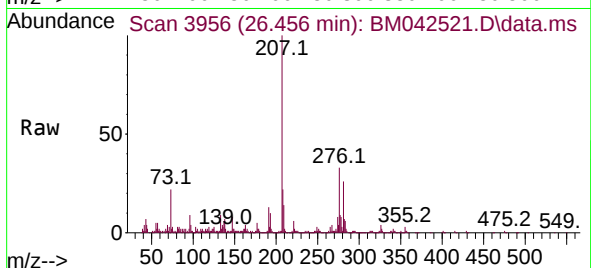
Tgt Ion:278 Resp: 32220

Ion Ratio Lower Upper

278 100

139 21.7 13.4 20.2#

279 30.4 19.7 29.5#



#92

Benzo(g,h,i)perylene

Concen: 6.144 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.018 min

Lab File: BM042521.D

Acq: 31 Oct 2023 21:23

Tgt Ion:276 Resp: 133398

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 20.4 17.3 25.9

