

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042451.D
 Acq On : 25 Oct 2023 23:21
 Operator : MA/JU
 Sample : 04841-02DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-3(0-5)DL

Quant Time: Oct 26 00:51:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

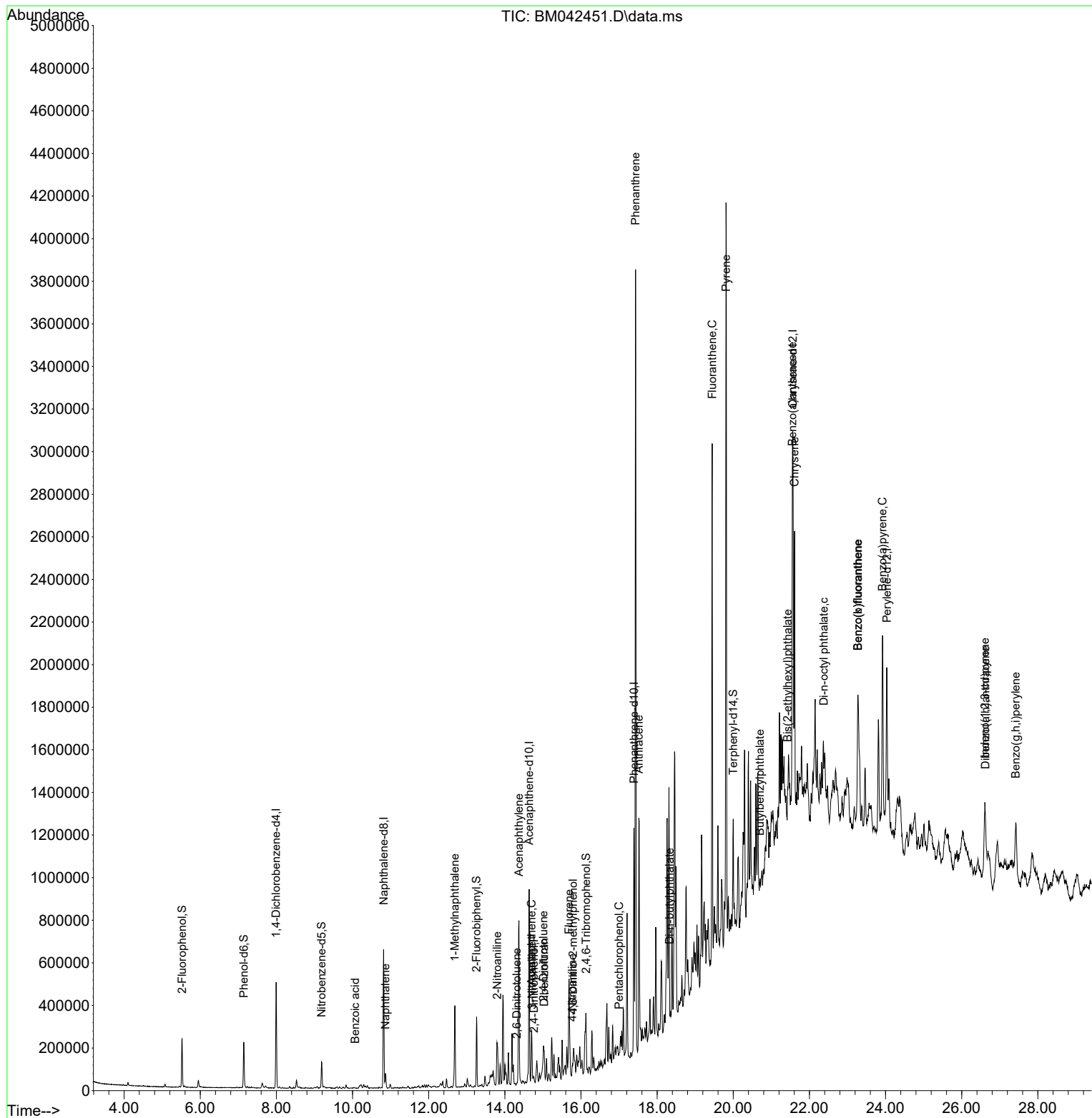
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	121724	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	493791	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	294439	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	618923	20.000	ng	0.00
76) Chrysene-d12	21.568	240	518395	20.000	ng	-0.01
86) Perylene-d12	24.033	264	578183	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	92304	10.717	ng	0.00
7) Phenol-d6	7.145	99	117996	10.223	ng	0.00
23) Nitrobenzene-d5	9.186	82	71116	6.369	ng	-0.01
42) 2,4,6-Tribromophenol	16.133	330	36942	19.796	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	151861	6.945	ng	-0.01
79) Terphenyl-d14	19.998	244	217639	7.446	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.863	128	52328	2.063	ng	100
32) Benzoic acid	10.069	122	73	5.335	ng	# 15
38) 1-Methylnaphthalene	12.686	142	159875	9.995	ng	99
48) 2-Nitroaniline	13.798	65	2210	3.910	ng	# 25
49) Acenaphthylene	14.368	152	525417	18.991	ng	100
51) 2,6-Dinitrotoluene	14.316	165	345	2.954	ng	# 78
52) Acenaphthene	14.704	154	79712	4.766	ng	99
53) 3-Nitroaniline	14.716	138	61	3.275	ng	# 79
54) 2,4-Dinitrophenol	14.763	184	54	8.184	ng	# 1
55) Dibenzofuran	15.033	168	72052	2.724	ng	99
57) 2,4-Dinitrotoluene	15.015	165	2482	4.412	ng	# 53
58) Fluorene	15.686	166	227895	10.917	ng	98
62) 4-Nitroaniline	15.768	138	273	3.846	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.792	198	59	6.098	ng	# 1
70) Pentachlorophenol	16.998	266	115	6.007	ng	# 25
71) Phenanthrene	17.433	178	2091597	62.121	ng	99
72) Anthracene	17.521	178	689047	20.664	ng	99
74) Di-n-butylphthalate	18.327	149	2984	2.888	ng	# 1
75) Fluoranthene	19.445	202	1365923	36.835	ng	97
78) Pyrene	19.809	202	2049182	56.568	ng	99
80) Butylbenzylphthalate	20.697	149	689	3.297	ng	# 56
81) Benzo(a)anthracene	21.550	228	767541	22.086	ng	95
83) Chrysene	21.609	228	706715	21.173	ng	95
84) Bis(2-ethylhexyl)phtha...	21.427	149	8310	3.700	ng	# 53
85) Di-n-octyl phthalate	22.374	149	1761	4.259	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.609	276	306140	7.245	ng	# 91
88) Benzo(b)fluoranthene	23.274	252	807616	23.206	ng	98
89) Benzo(k)fluoranthene	23.274	252	807616	22.352	ng	98
90) Benzo(a)pyrene	23.921	252	664115	19.826	ng	98
91) Dibenzo(a,h)anthracene	26.621	278	99716	2.838	ng	# 81
92) Benzo(g,h,i)perylene	27.421	276	331857	9.727	ng	93

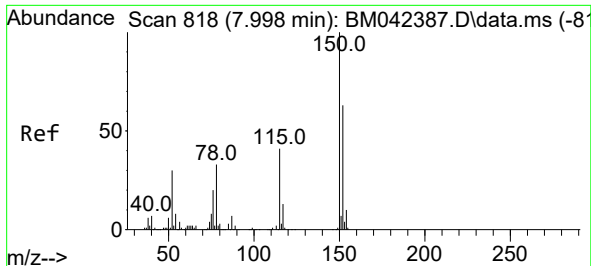
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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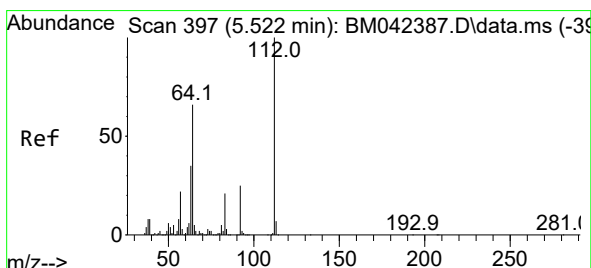
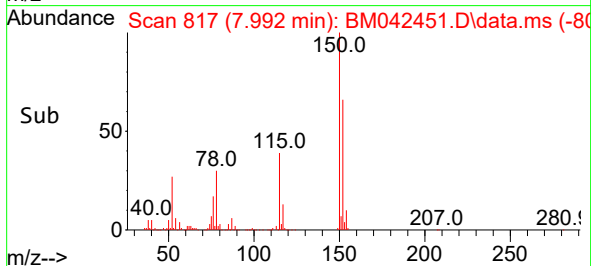
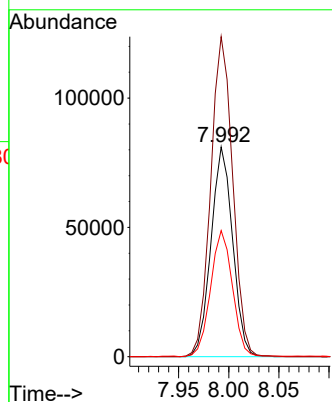
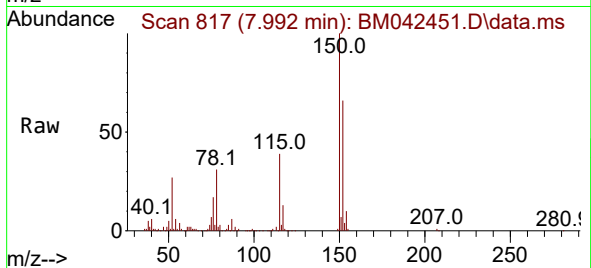




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.992 min Scan# 818
 Delta R.T. -0.006 min
 Lab File: BM042451.D
 Acq: 25 Oct 2023 23:21

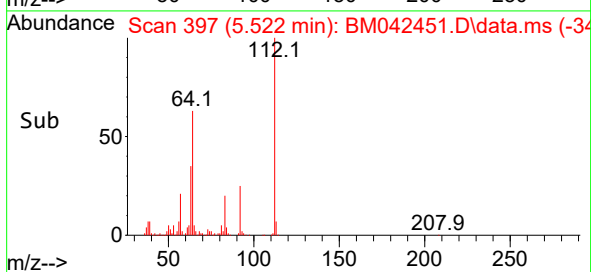
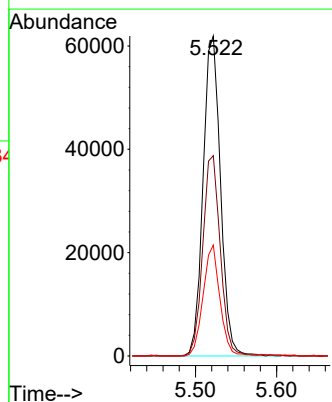
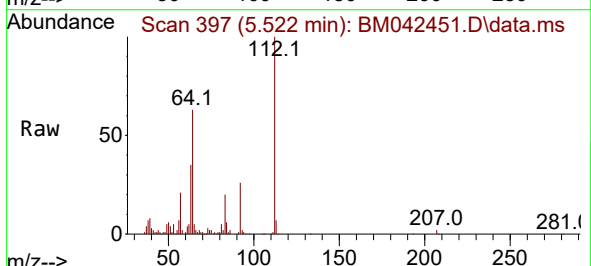
Instrument :
 BNA_M
 ClientSampleId :
 M-3(0-5)DL

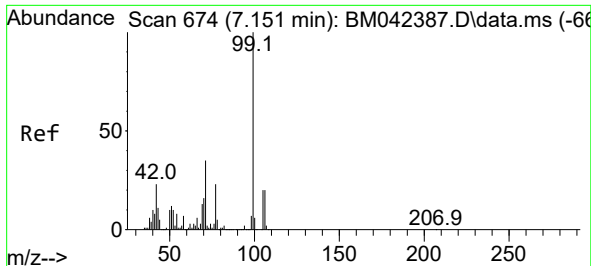
Tgt Ion:152 Resp: 121724
 Ion Ratio Lower Upper
 152 100
 150 152.6 126.2 189.4
 115 60.1 51.9 77.9



#5
 2-Fluorophenol
 Concen: 10.717 ng
 RT: 5.522 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: BM042451.D
 Acq: 25 Oct 2023 23:21

Tgt Ion:112 Resp: 92304
 Ion Ratio Lower Upper
 112 100
 64 62.6 52.7 79.1
 63 34.7 28.3 42.5

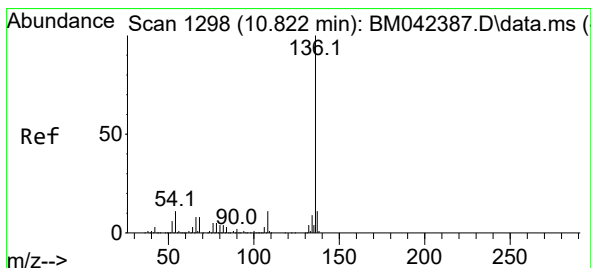
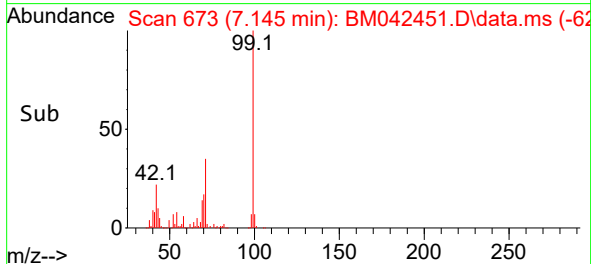
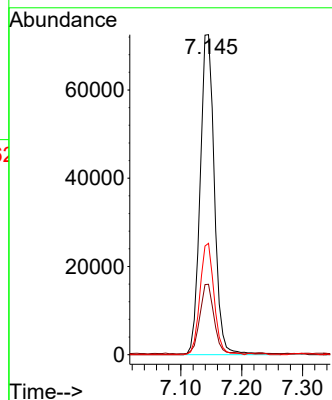
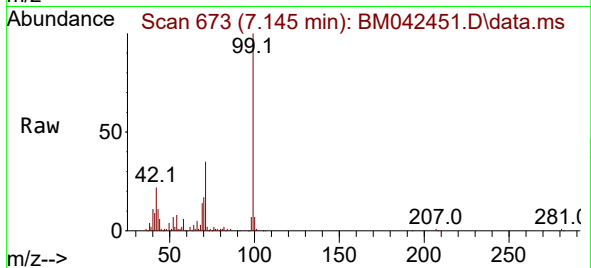




#7
Phenol-d6
Concen: 10.223 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

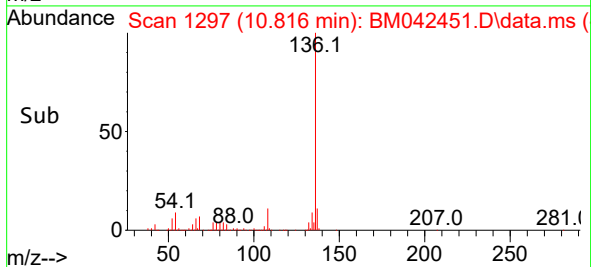
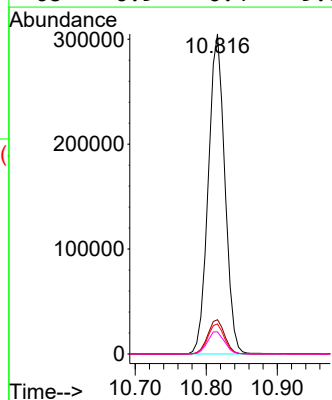
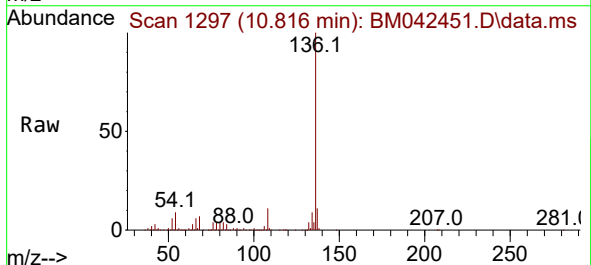
Instrument :
BNA_M
ClientSampleId :
M-3(0-5)DL

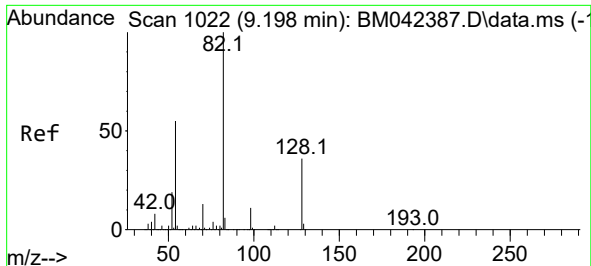
Tgt Ion: 99 Resp: 117996
Ion Ratio Lower Upper
99 100
42 22.0 18.5 27.7
71 34.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

Tgt Ion: 136 Resp: 493791
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.4 8.6 12.8
68 6.9 6.4 9.6





#23

Nitrobenzene-d5

Concen: 6.369 ng

RT: 9.186 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

Instrument :

BNA_M

ClientSampleId :

M-3(0-5)DL

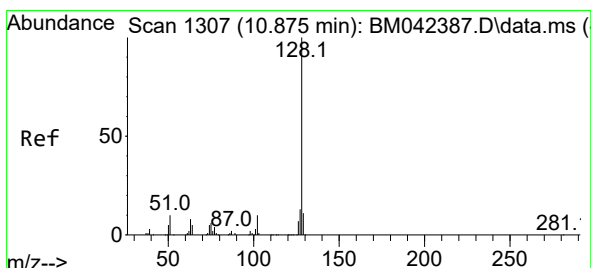
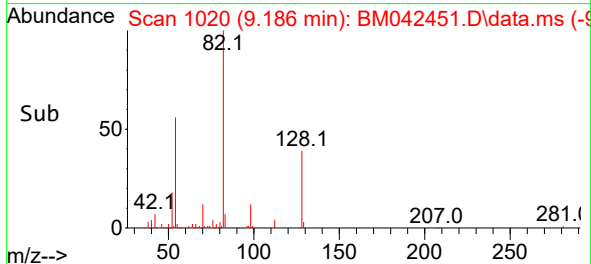
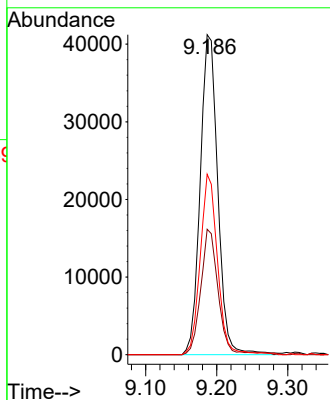
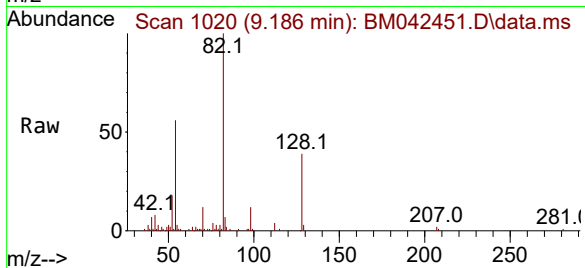
Tgt Ion: 82 Resp: 71116

Ion Ratio Lower Upper

82 100

128 39.2 29.0 43.6

54 56.4 43.7 65.5



#31

Naphthalene

Concen: 2.063 ng

RT: 10.863 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

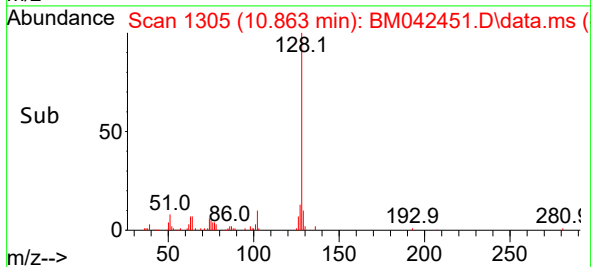
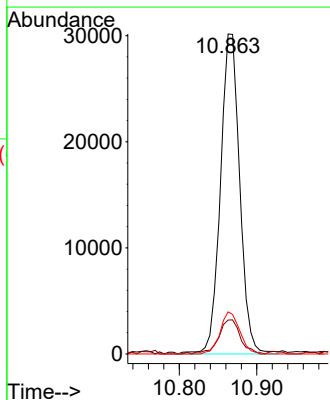
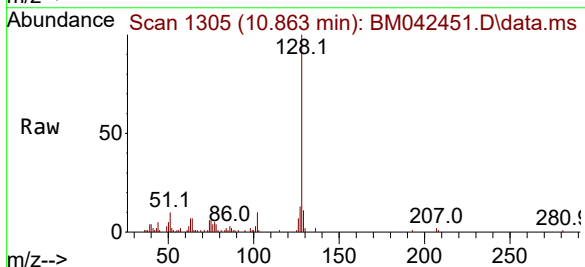
Tgt Ion: 128 Resp: 52328

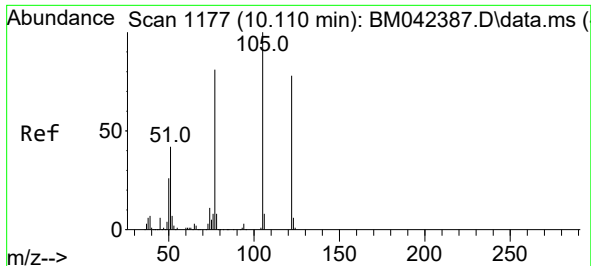
Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 13.1 10.4 15.6

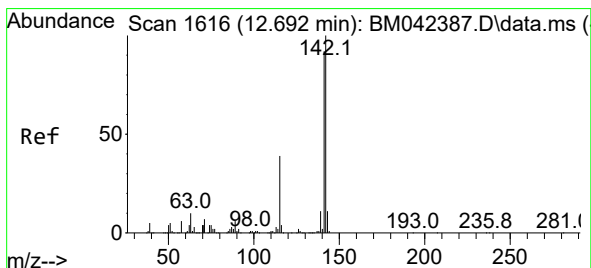
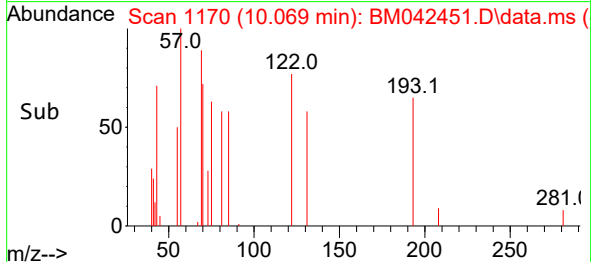
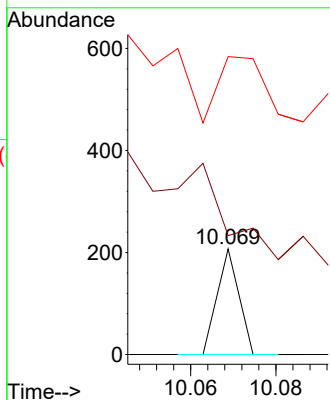
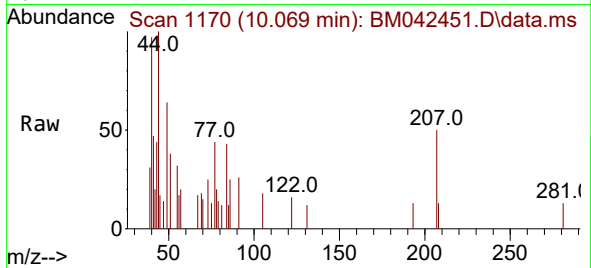




#32
Benzoic acid
Concen: 5.335 ng
RT: 10.069 min Scan# 1177
Delta R.T. -0.041 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

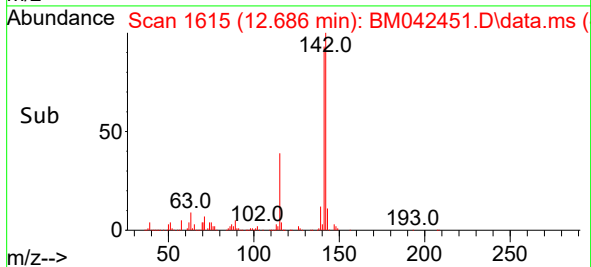
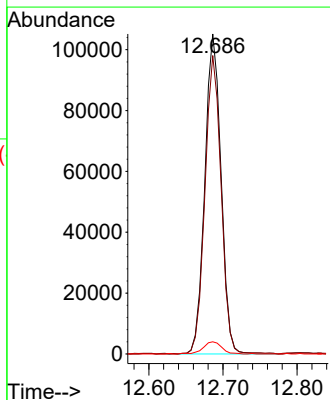
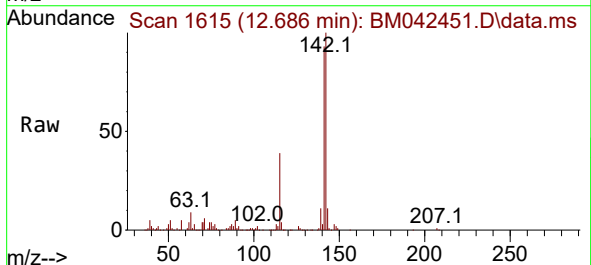
Instrument :
BNA_M
ClientSampleId :
M-3(0-5)DL

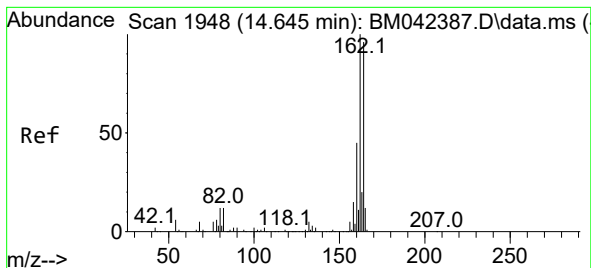
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 112.6 104.9 144.9
77 282.1 83.4 123.4#



#38
1-Methylnaphthalene
Concen: 9.995 ng
RT: 12.686 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

Tgt Ion:142 Resp: 159875
Ion Ratio Lower Upper
142 100
141 93.2 73.8 110.6
116 3.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

Instrument :

BNA_M

ClientSampleId :

M-3(0-5)DL

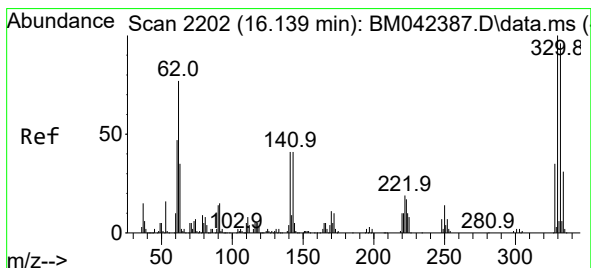
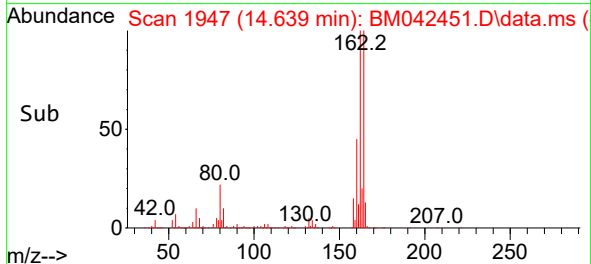
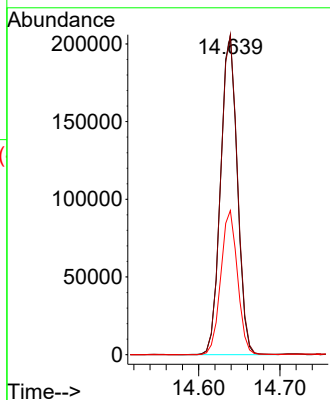
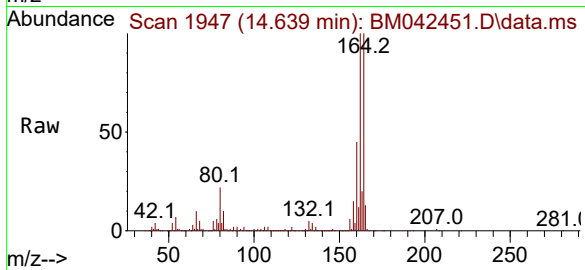
Tgt Ion:164 Resp: 294439

Ion Ratio Lower Upper

164 100

162 100.3 83.0 124.4

160 45.2 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 19.796 ng

RT: 16.133 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

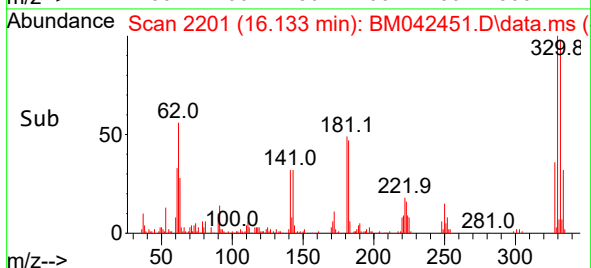
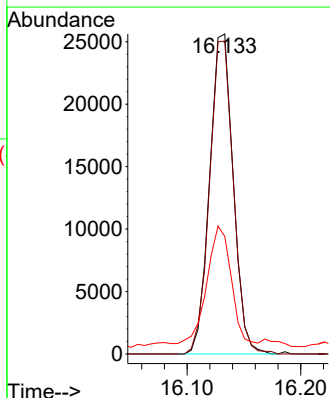
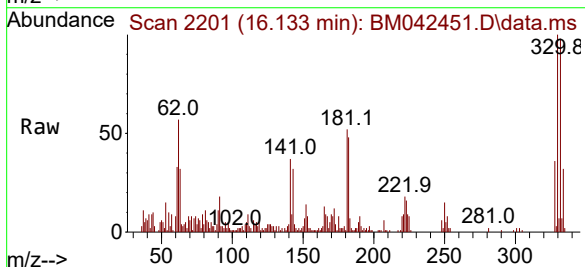
Tgt Ion:330 Resp: 36942

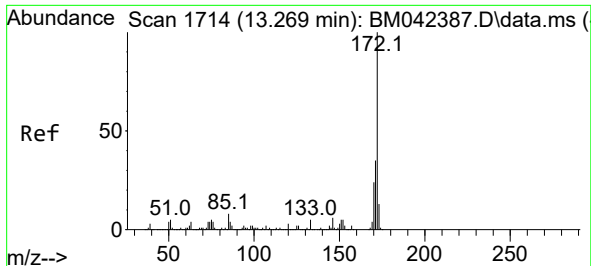
Ion Ratio Lower Upper

330 100

332 98.9 77.6 116.4

141 42.3 38.0 57.0

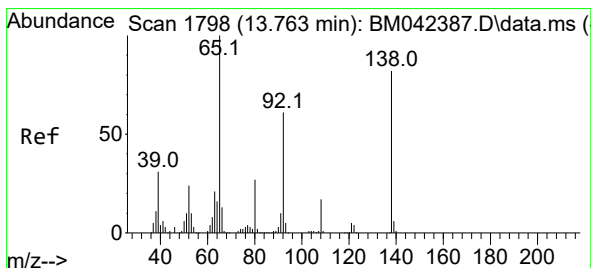
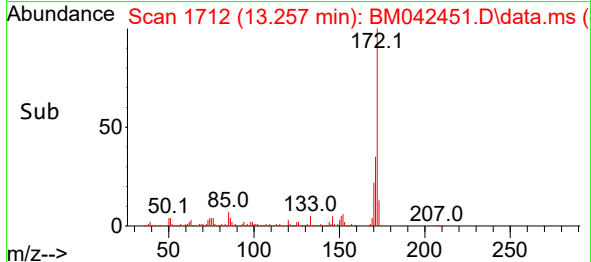
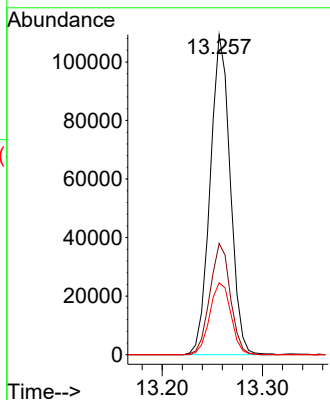
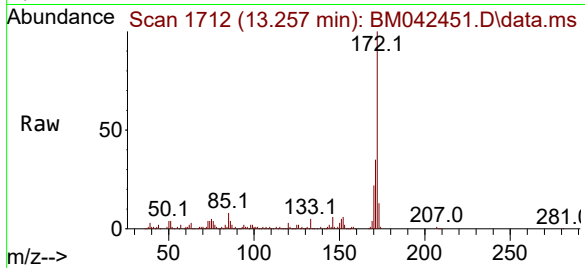




#45
2-Fluorobiphenyl
Concen: 6.945 ng
RT: 13.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

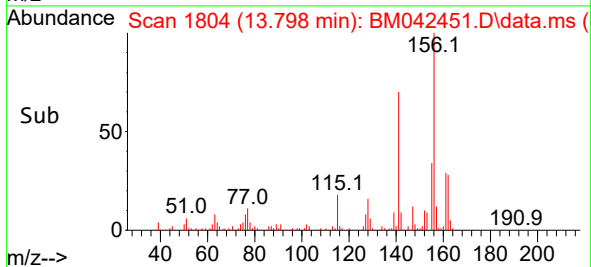
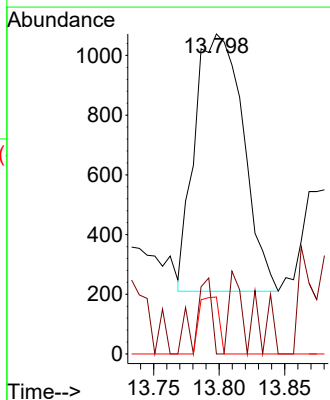
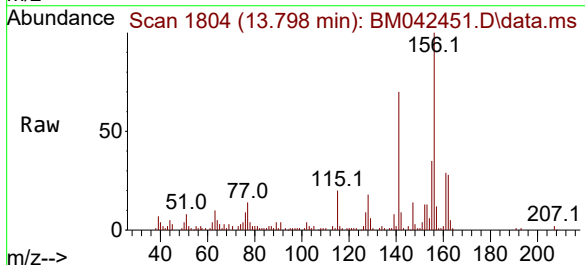
Instrument :
BNA_M
ClientSampleId :
M-3(0-5)DL

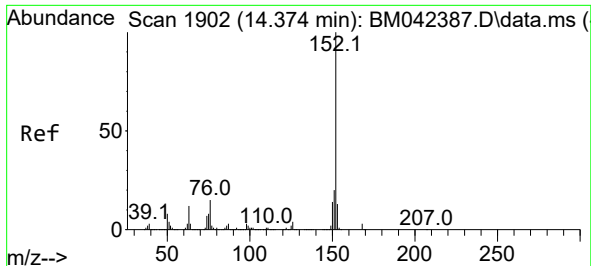
Tgt Ion:172 Resp: 151861
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.5 18.9 28.3



#48
2-Nitroaniline
Concen: 3.910 ng
RT: 13.798 min Scan# 1804
Delta R.T. 0.035 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

Tgt Ion: 65 Resp: 2210
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 17.8 65.5 98.3#

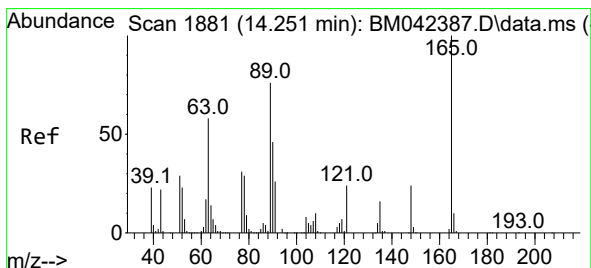
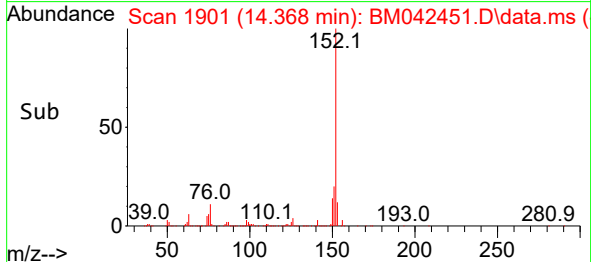
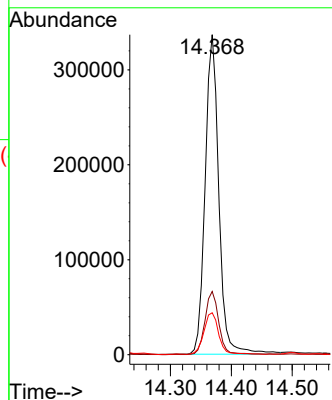
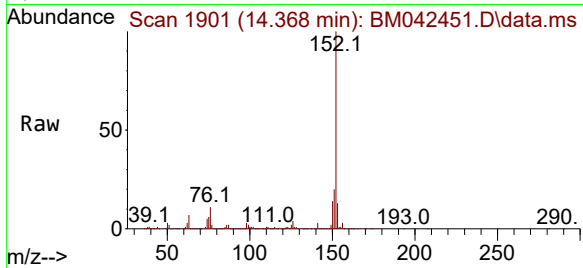




#49
Acenaphthylene
Concen: 18.991 ng
RT: 14.368 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

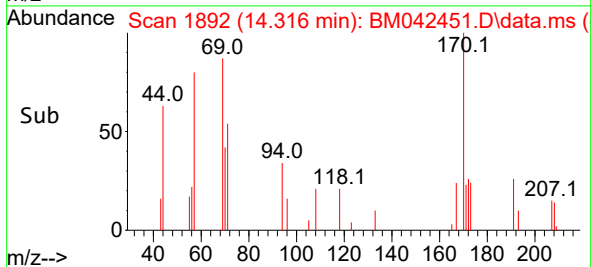
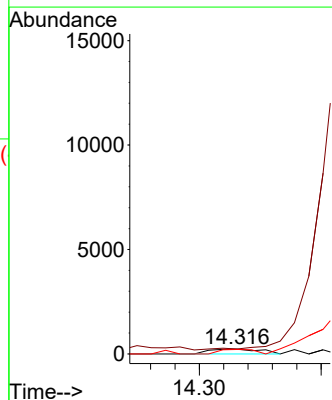
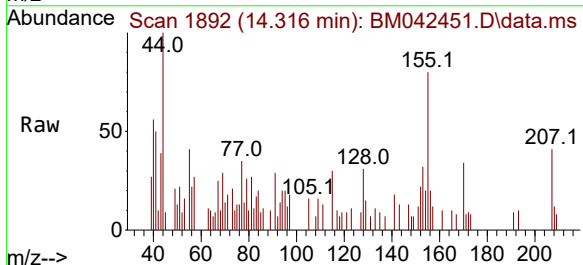
Instrument :
BNA_M
ClientSampleId :
M-3(0-5)DL

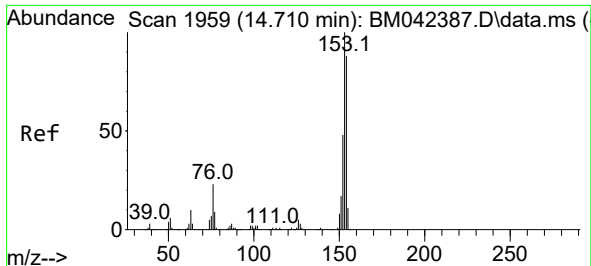
Tgt Ion:152 Resp: 525417
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.5 15.7



#51
2,6-Dinitrotoluene
Concen: 2.954 ng
RT: 14.316 min Scan# 1892
Delta R.T. 0.065 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

Tgt Ion:165 Resp: 345
Ion Ratio Lower Upper
165 100
63 102.2 65.3 97.9#
89 93.5 60.6 91.0#

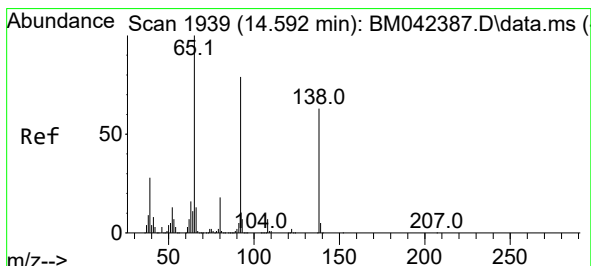
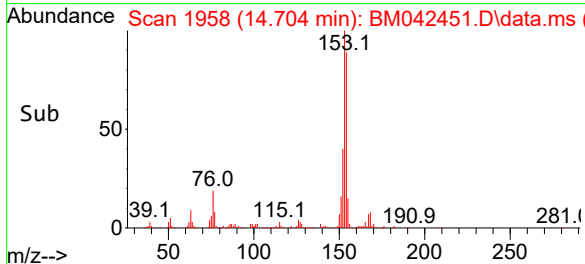
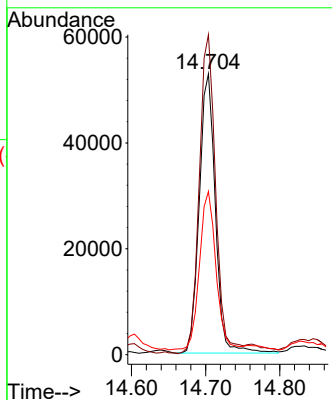
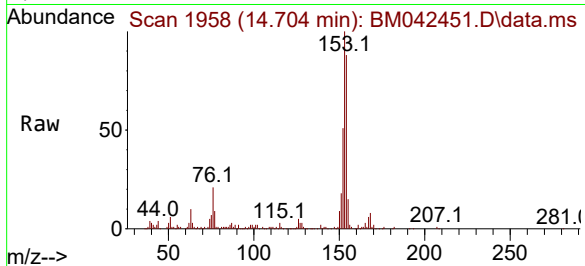




#52
Acenaphthene
Concen: 4.766 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

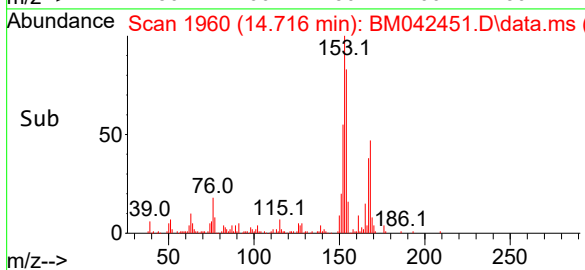
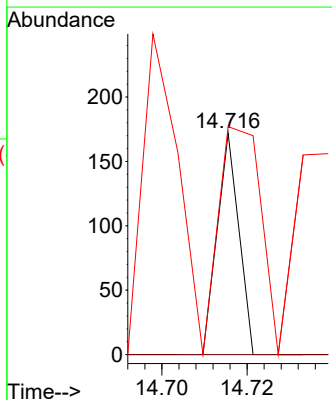
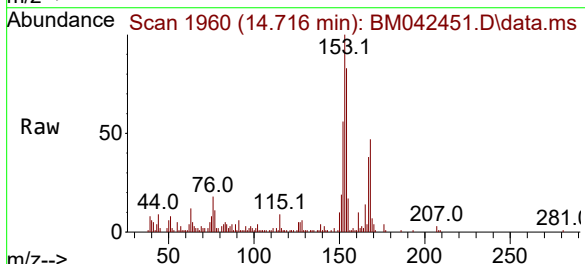
Instrument :
BNA_M
ClientSampleId :
M-3(0-5)DL

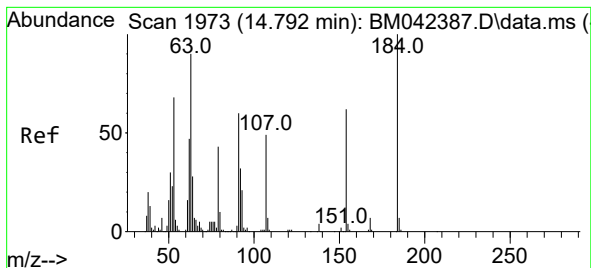
Tgt Ion:154 Resp: 79712
Ion Ratio Lower Upper
154 100
153 113.9 91.1 136.7
152 58.1 44.0 66.0



#53
3-Nitroaniline
Concen: 3.275 ng
RT: 14.716 min Scan# 1960
Delta R.T. 0.124 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

Tgt Ion:138 Resp: 61
Ion Ratio Lower Upper
138 100
108 0.0 8.3 12.5#
92 102.9 100.6 151.0

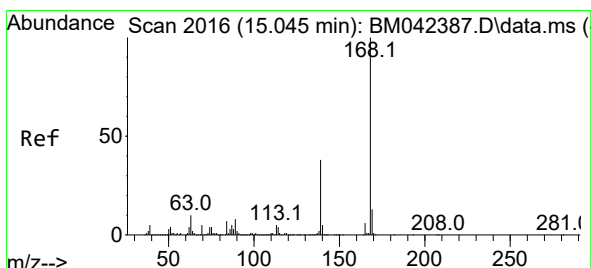
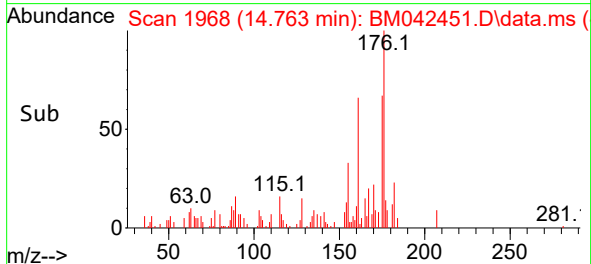
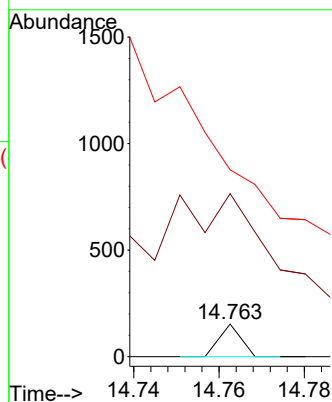
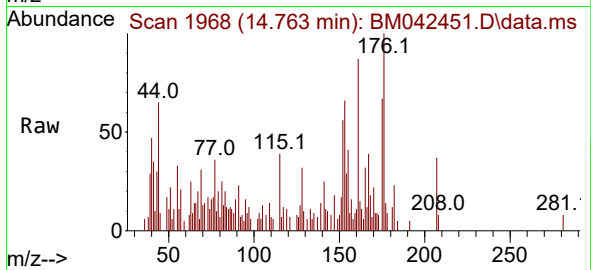




#54
2,4-Dinitrophenol
Concen: 8.184 ng
RT: 14.763 min Scan# 1973
Delta R.T. -0.029 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

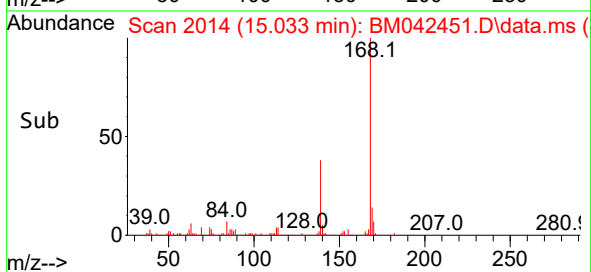
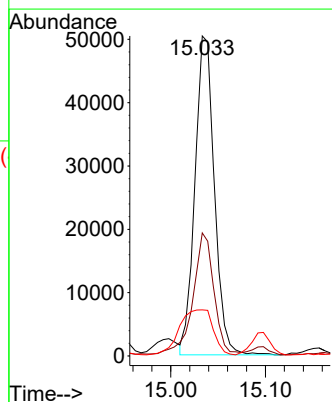
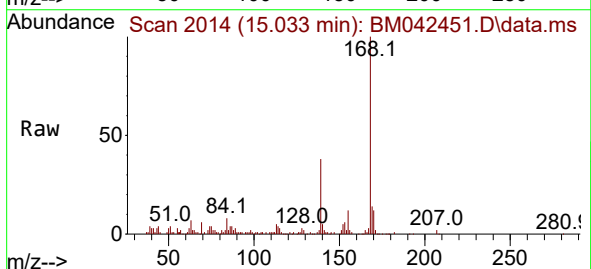
Instrument :
BNA_M
ClientSampleId :
M-3(0-5)DL

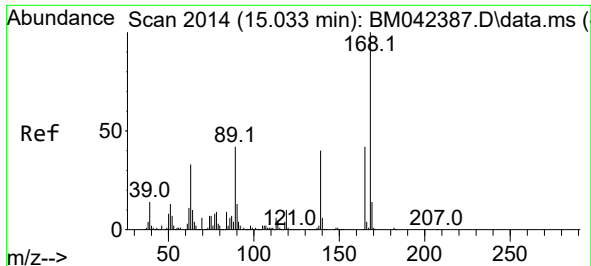
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 500.0 72.2 108.2#
154 573.2 49.6 74.4#



#55
Dibenzofuran
Concen: 2.724 ng
RT: 15.033 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

Tgt Ion:168 Resp: 72052
Ion Ratio Lower Upper
168 100
139 38.4 30.6 46.0
169 14.4 10.4 15.6





#57

2,4-Dinitrotoluene

Concen: 4.412 ng

RT: 15.015 min Scan# 20

Delta R.T. -0.018 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

Instrument :

BNA_M

ClientSampleId :

M-3(0-5)DL

Tgt Ion:165 Resp: 2482

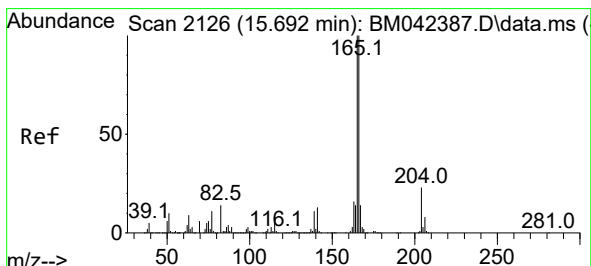
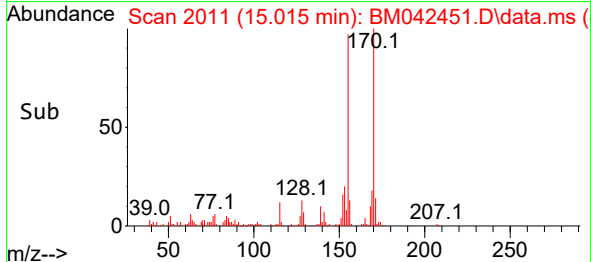
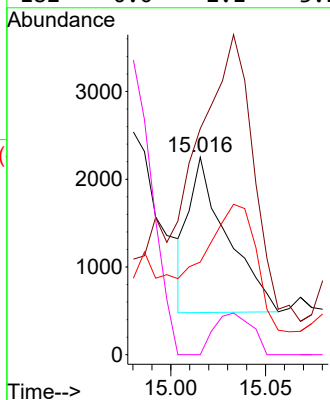
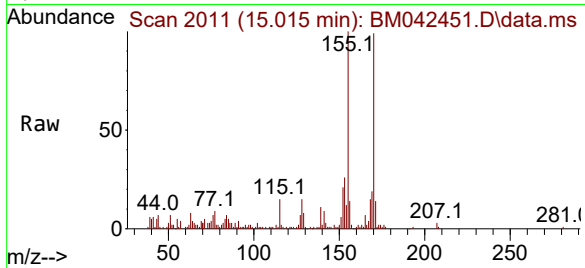
Ion Ratio Lower Upper

165 100

63 114.5 62.9 94.3#

89 46.9 80.2 120.2#

182 0.0 2.1 3.1#



#58

Fluorene

Concen: 10.917 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

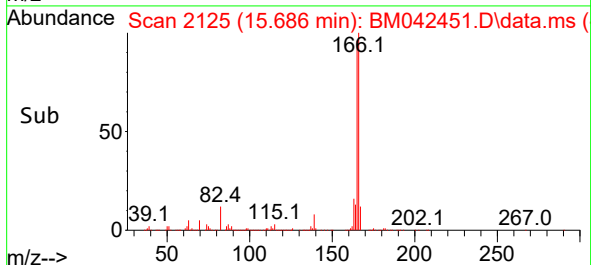
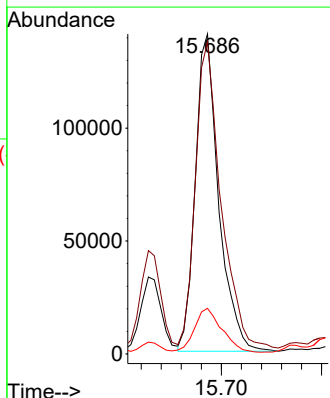
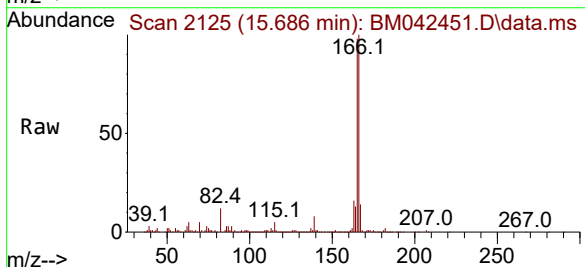
Tgt Ion:166 Resp: 227895

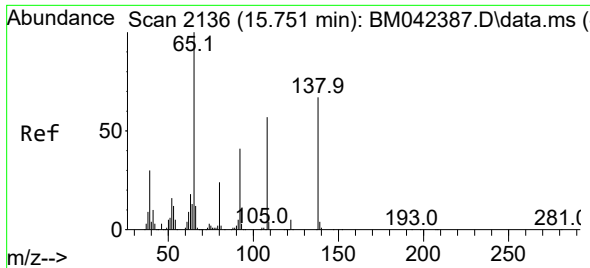
Ion Ratio Lower Upper

166 100

165 97.5 79.6 119.4

167 14.2 10.9 16.3

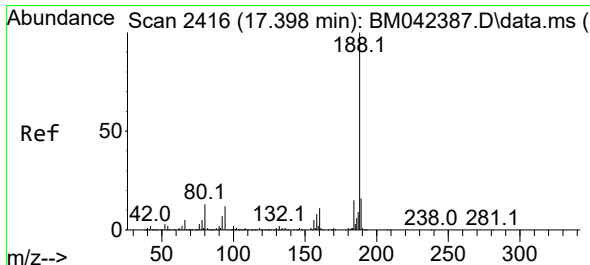
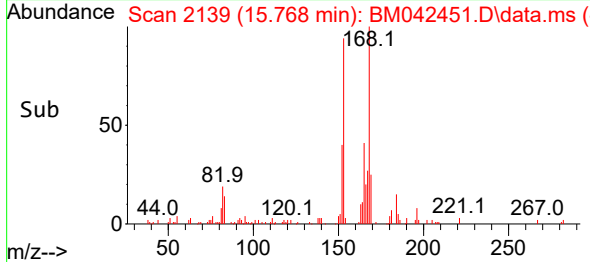
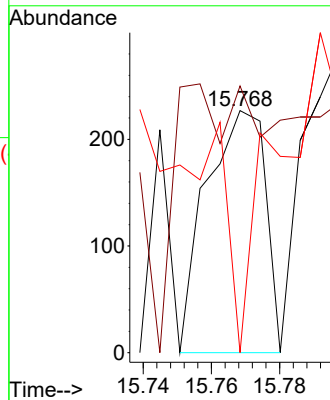
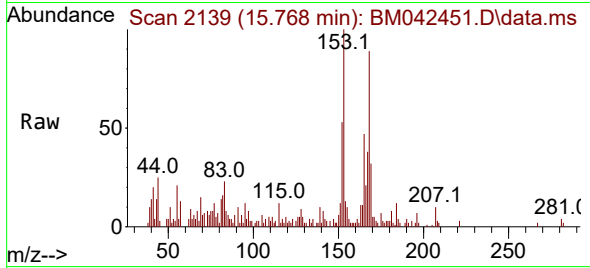




#62
4-Nitroaniline
Concen: 3.846 ng
RT: 15.768 min Scan# 2136
Delta R.T. 0.017 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

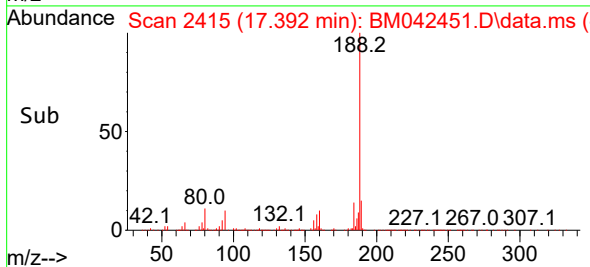
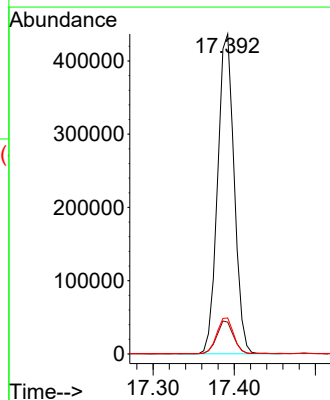
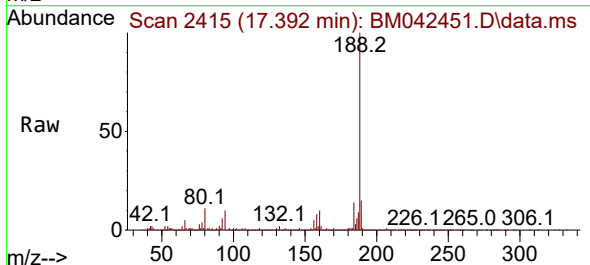
Instrument :
BNA_M
ClientSampleId :
M-3(0-5)DL

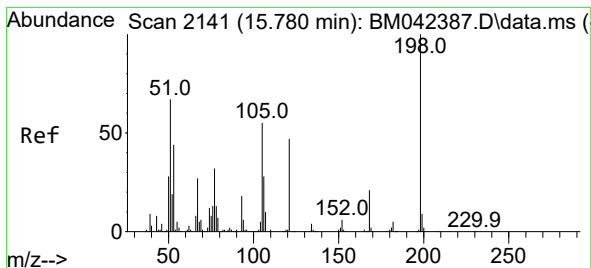
Tgt Ion:138 Resp: 273
Ion Ratio Lower Upper
138 100
92 110.1 40.4 80.4#
108 0.0 65.3 105.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

Tgt Ion:188 Resp: 618923
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.0
80 11.3 10.7 16.1

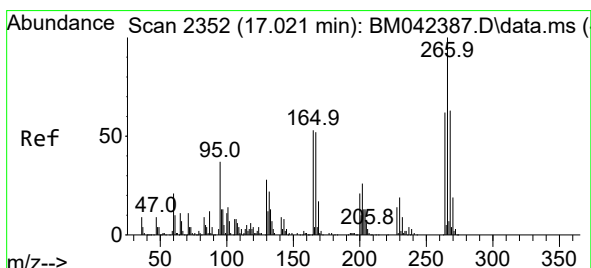
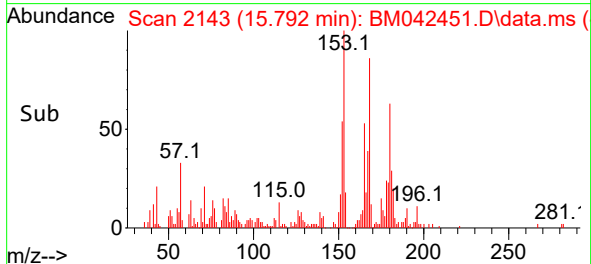
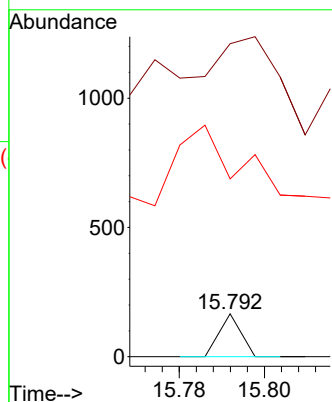
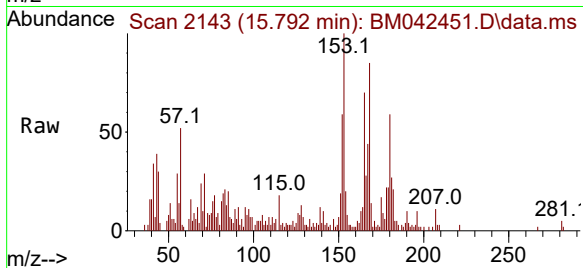




#65
4,6-Dinitro-2-methylphenol
Concen: 6.098 ng
RT: 15.792 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

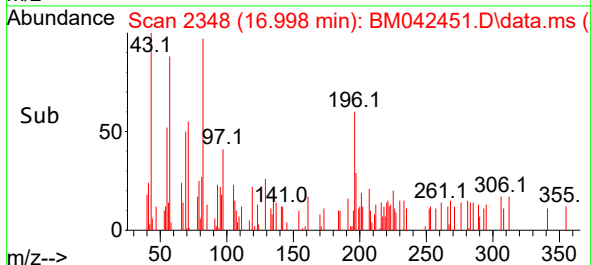
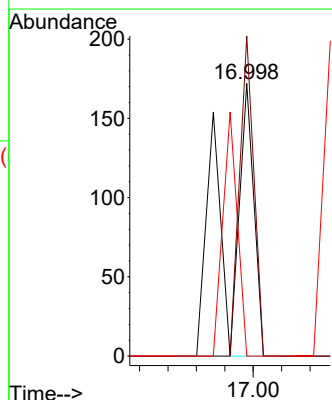
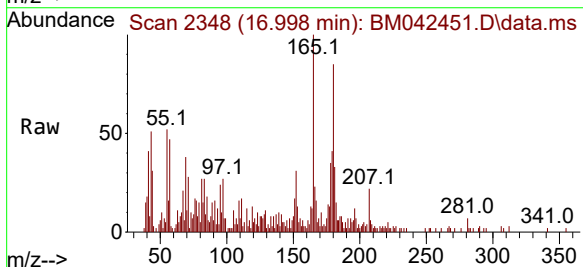
Instrument :
BNA_M
ClientSampleId :
M-3(0-5)DL

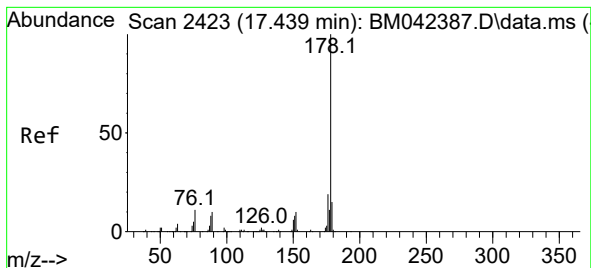
Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 729.5 54.1 94.1#
105 414.5 35.9 75.9#



#70
Pentachlorophenol
Concen: 6.007 ng
RT: 16.998 min Scan# 2348
Delta R.T. -0.023 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

Tgt Ion:266 Resp: 115
Ion Ratio Lower Upper
266 100
268 117.4 50.6 76.0#
264 0.0 49.4 74.0#





#71

Phenanthrene

Concen: 62.121 ng

RT: 17.433 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

Instrument :

BNA_M

ClientSampleId :

M-3(0-5)DL

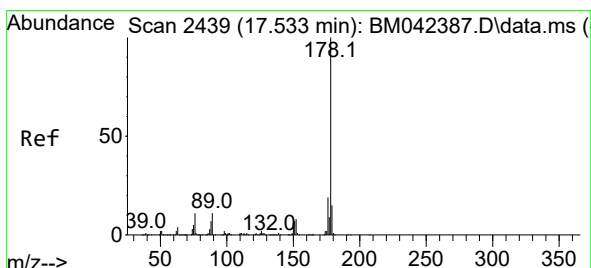
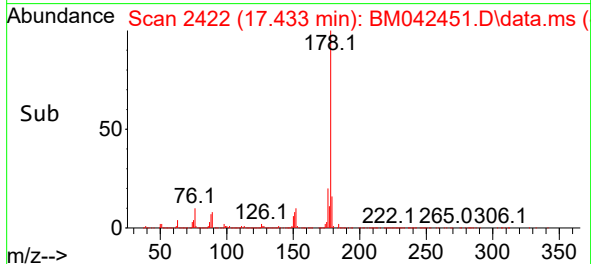
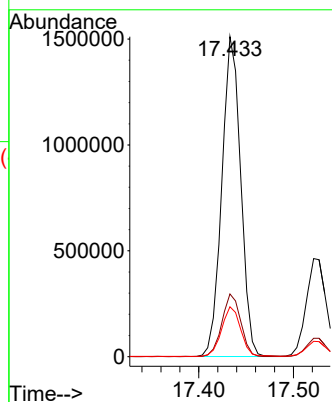
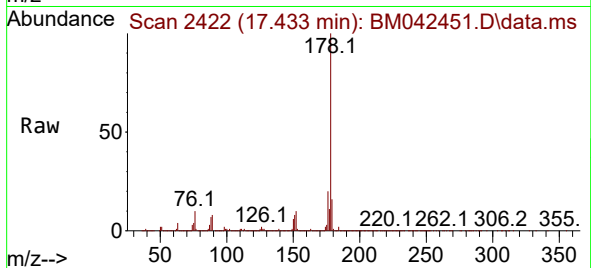
Tgt Ion:178 Resp: 2091597

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.6 12.3 18.5



#72

Anthracene

Concen: 20.664 ng

RT: 17.521 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

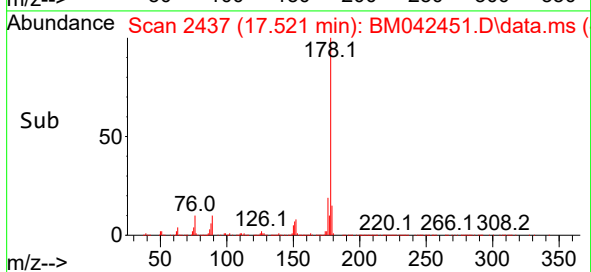
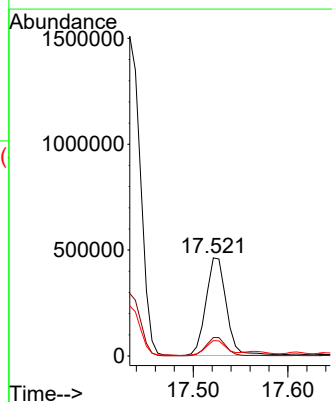
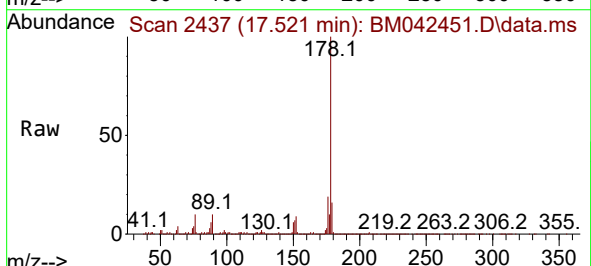
Tgt Ion:178 Resp: 689047

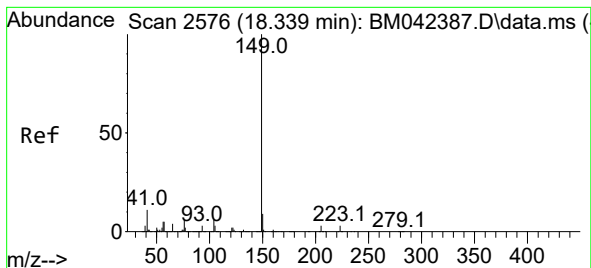
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 15.6 12.1 18.1





#74

Di-n-butylphthalate

Concen: 2.888 ng

RT: 18.327 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

Instrument :

BNA_M

ClientSampleId :

M-3(0-5)DL

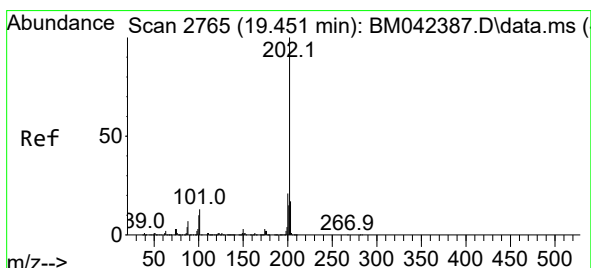
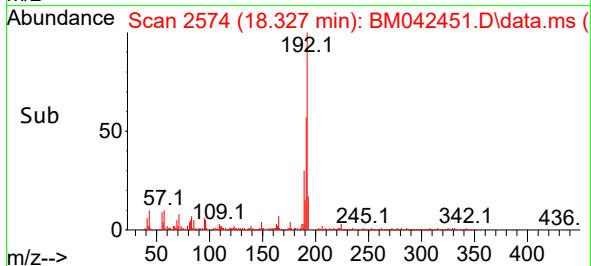
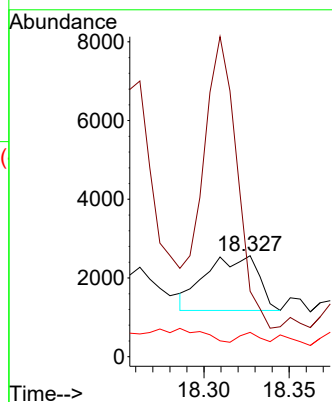
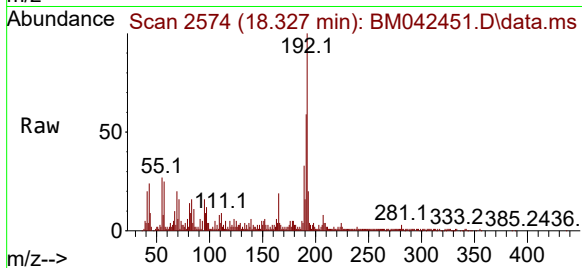
Tgt Ion:149 Resp: 2984

Ion Ratio Lower Upper

149 100

150 64.9 7.4 11.0#

104 24.2 4.6 7.0#



#75

Fluoranthene

Concen: 36.835 ng

RT: 19.445 min Scan# 2764

Delta R.T. -0.006 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

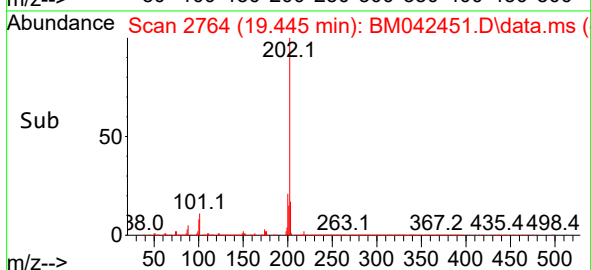
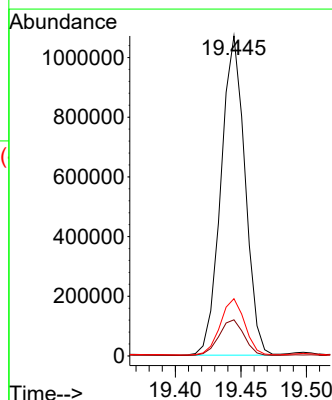
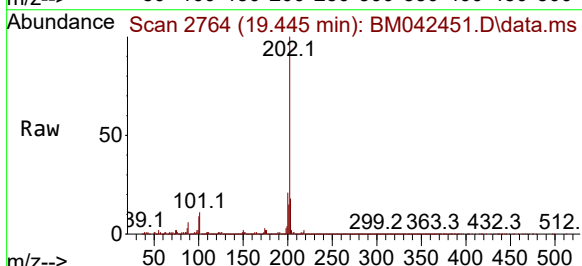
Tgt Ion:202 Resp: 1365923

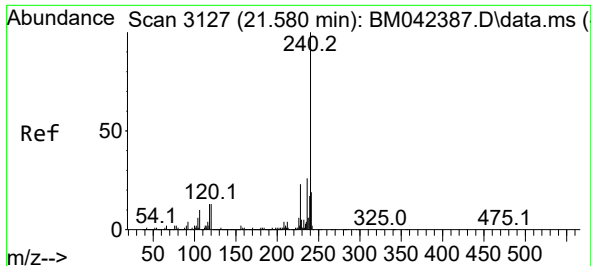
Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.3

203 17.9 0.0 37.5

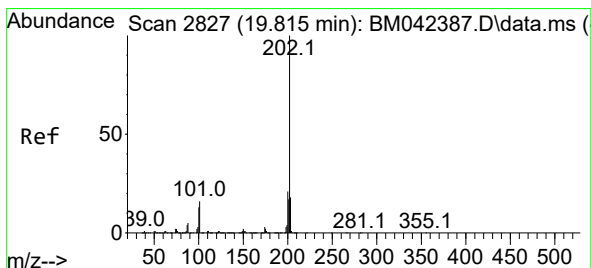
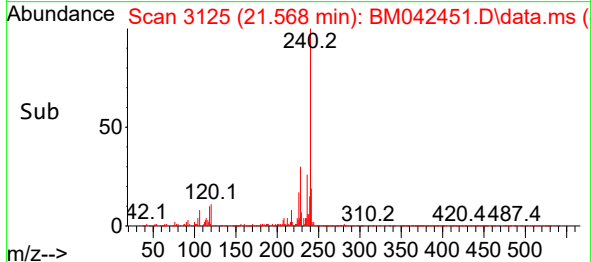
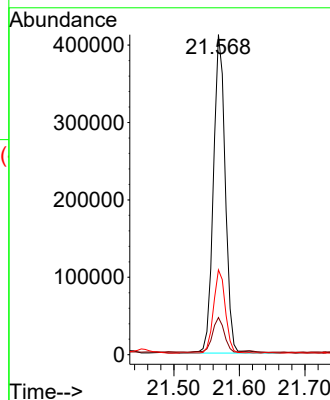
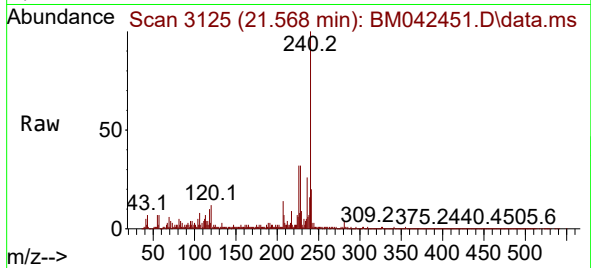




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

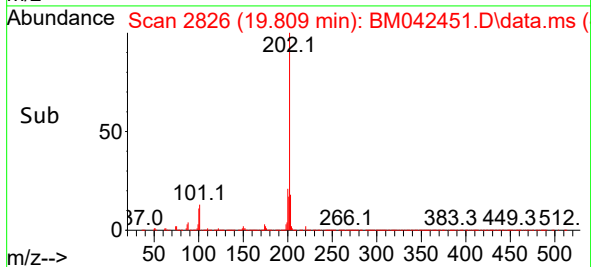
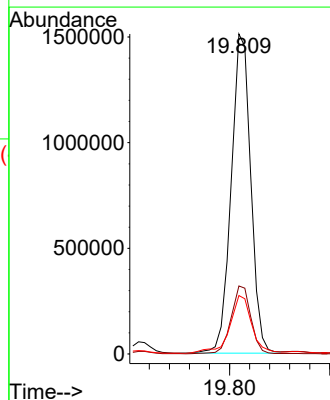
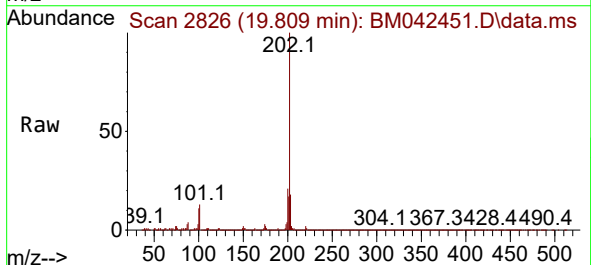
Instrument :
BNA_M
ClientSampleId :
M-3(0-5)DL

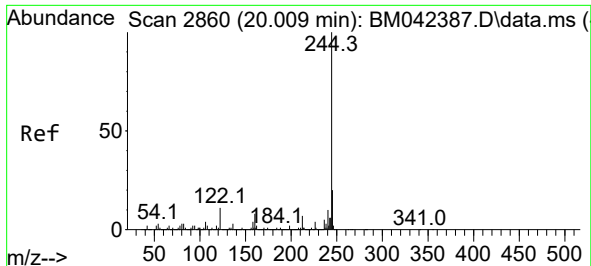
Tgt Ion:240 Resp: 518395
Ion Ratio Lower Upper
240 100
120 11.6 10.7 16.1
236 26.5 20.7 31.1



#78
Pyrene
Concen: 56.568 ng
RT: 19.809 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

Tgt Ion:202 Resp: 2049182
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.2 14.1 21.1

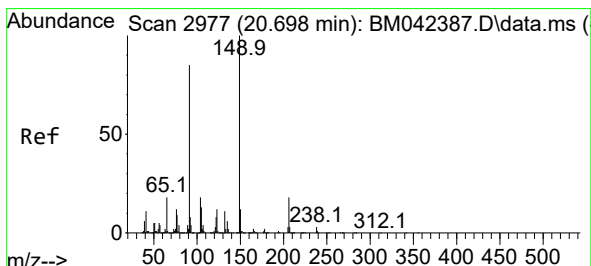
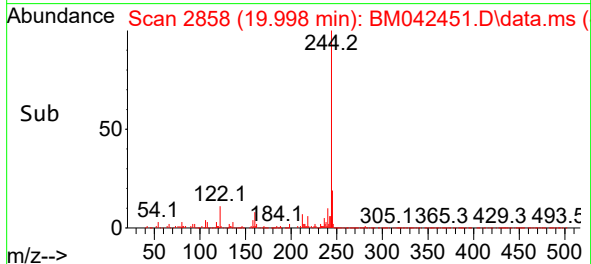
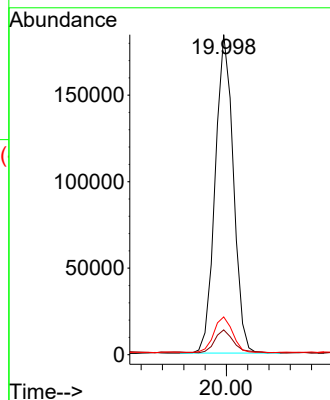
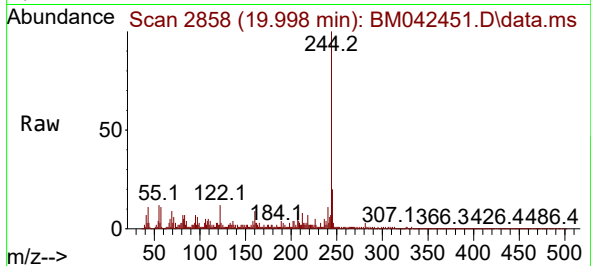




#79
 Terphenyl-d14
 Concen: 7.446 ng
 RT: 19.998 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM042451.D
 Acq: 25 Oct 2023 23:21

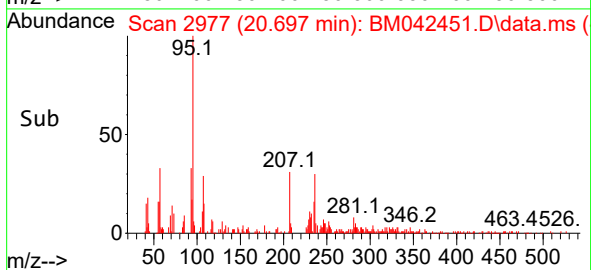
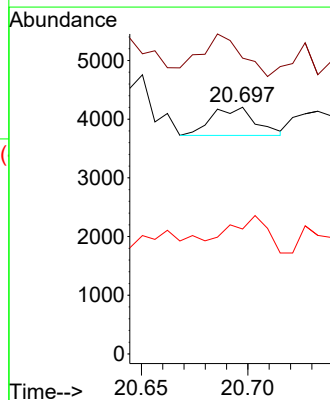
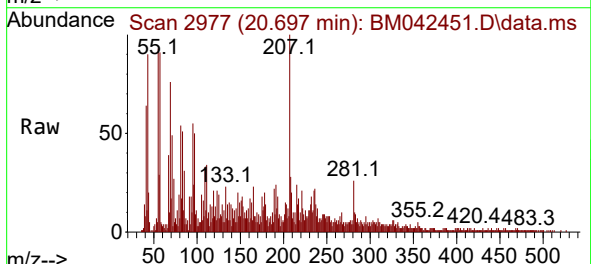
Instrument :
 BNA_M
 ClientSampleId :
 M-3(0-5)DL

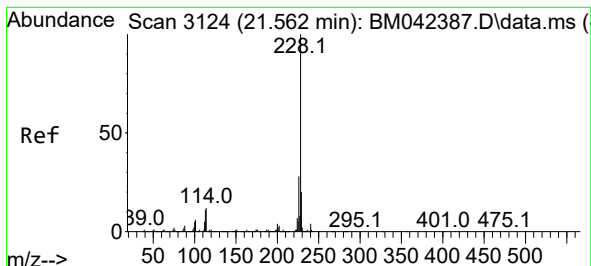
Tgt Ion:244 Resp: 217639
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.6 8.4
 122 11.8 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.297 ng
 RT: 20.697 min Scan# 2977
 Delta R.T. -0.001 min
 Lab File: BM042451.D
 Acq: 25 Oct 2023 23:21

Tgt Ion:149 Resp: 689
 Ion Ratio Lower Upper
 149 100
 91 119.9 68.3 102.5#
 206 50.6 14.6 22.0#





#81

Benzo(a)anthracene

Concen: 22.086 ng

RT: 21.550 min Scan# 3122

Delta R.T. -0.012 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

Instrument :

BNA_M

ClientSampleId :

M-3(0-5)DL

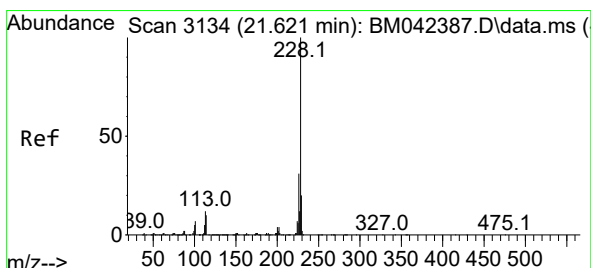
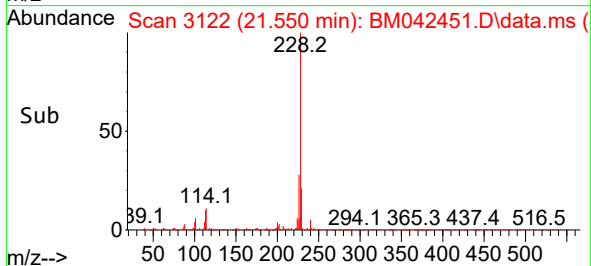
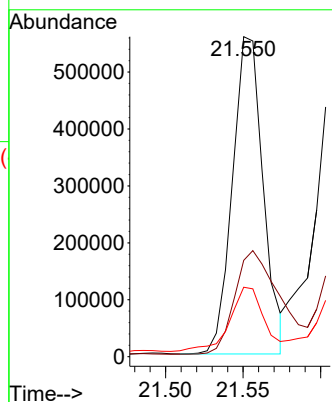
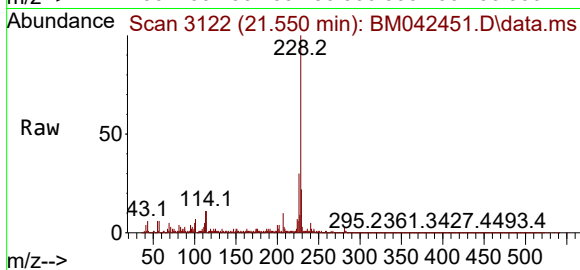
Tgt Ion:228 Resp: 767541

Ion Ratio Lower Upper

228 100

226 30.1 22.2 33.4

229 21.7 15.7 23.5



#83

Chrysene

Concen: 21.173 ng

RT: 21.609 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

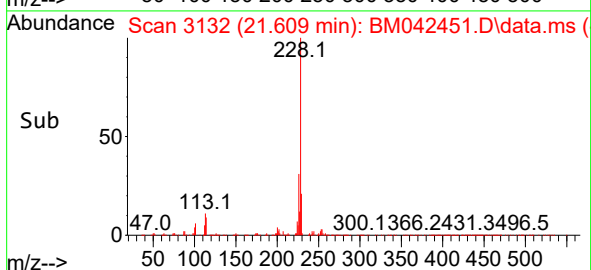
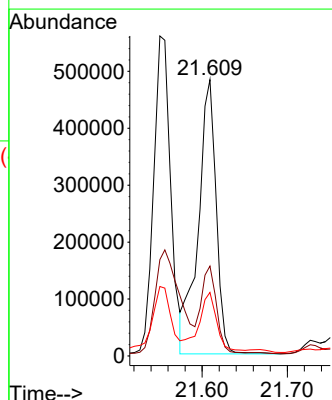
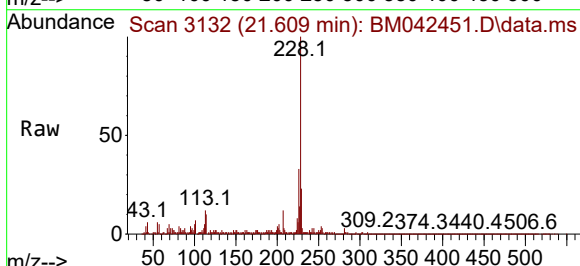
Tgt Ion:228 Resp: 706715

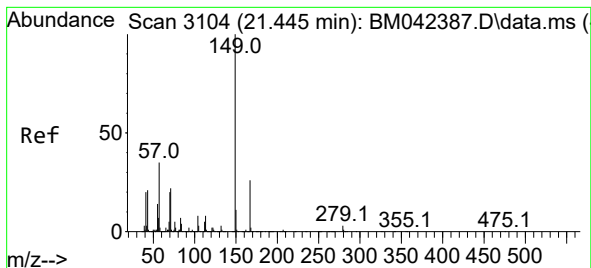
Ion Ratio Lower Upper

228 100

226 32.5 24.6 36.8

229 23.0 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.700 ng

RT: 21.427 min Scan# 3104

Delta R.T. -0.018 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

Instrument :

BNA_M

ClientSampleId :

M-3(0-5)DL

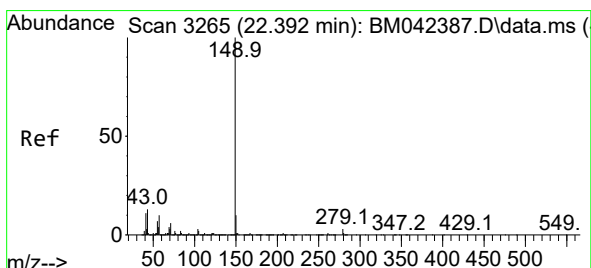
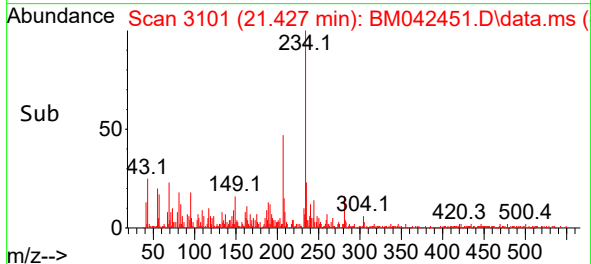
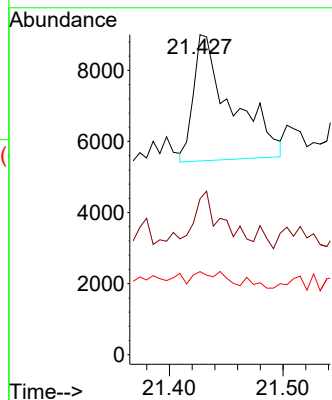
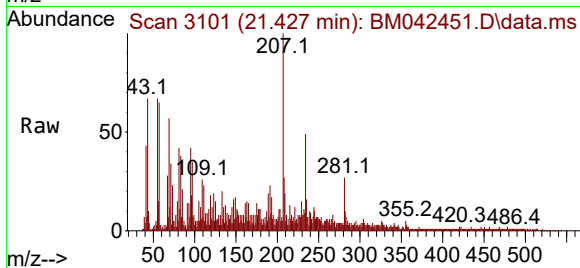
Tgt Ion:149 Resp: 8310

Ion Ratio Lower Upper

149 100

167 48.7 20.9 31.3#

279 26.0 2.7 4.1#



#85

Di-n-octyl phthalate

Concen: 4.259 ng

RT: 22.374 min Scan# 3262

Delta R.T. -0.018 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

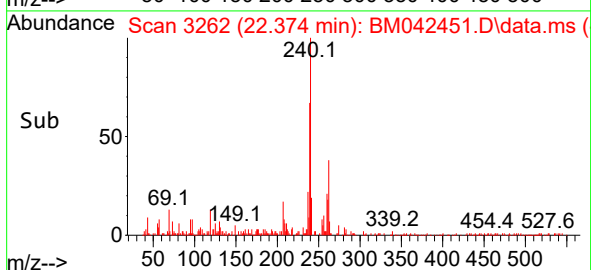
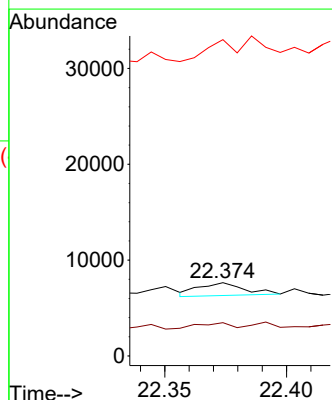
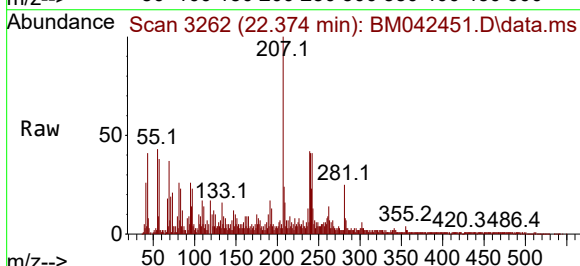
Tgt Ion:149 Resp: 1761

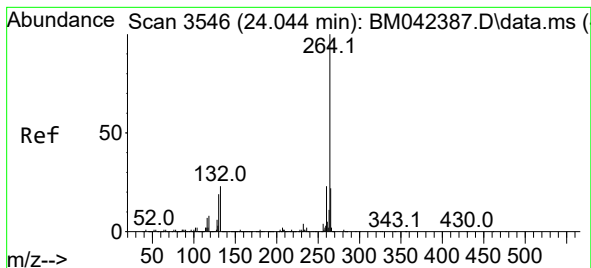
Ion Ratio Lower Upper

149 100

167 36.2 1.2 1.8#

43 101.2 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

Instrument :

BNA_M

ClientSampleId :

M-3(0-5)DL

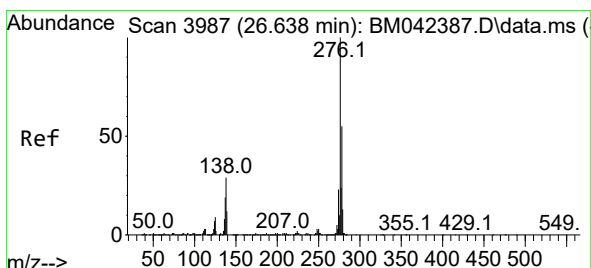
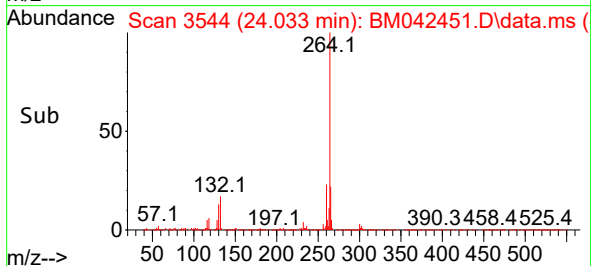
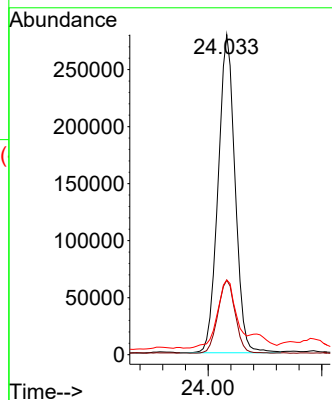
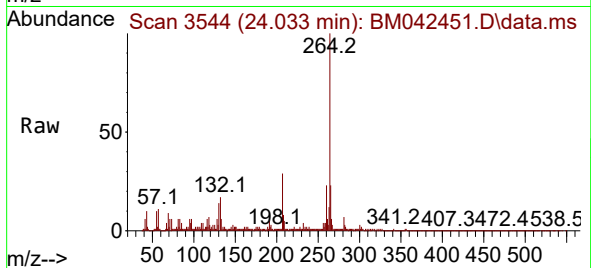
Tgt Ion:264 Resp: 578183

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 23.3 17.8 26.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.245 ng

RT: 26.609 min Scan# 3982

Delta R.T. -0.029 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

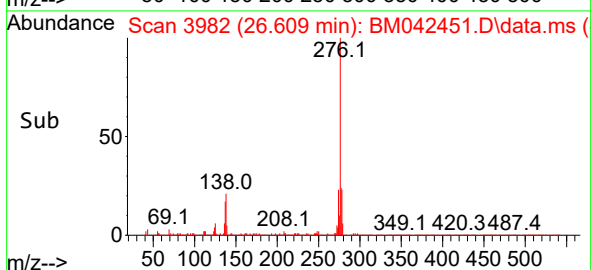
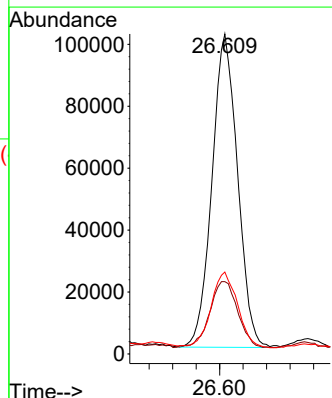
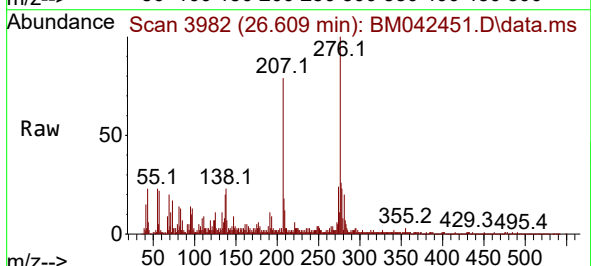
Tgt Ion:276 Resp: 306140

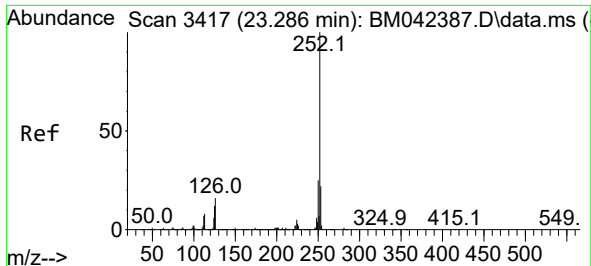
Ion Ratio Lower Upper

276 100

138 23.1 25.6 38.4#

277 25.2 20.0 30.0

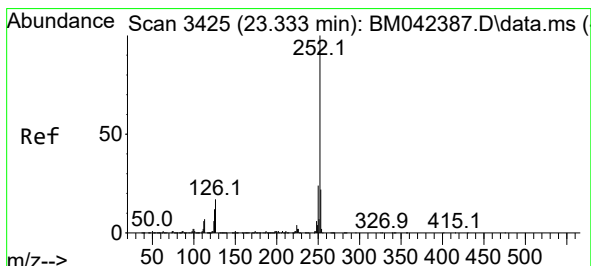
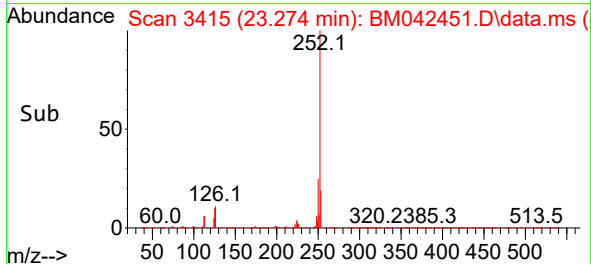
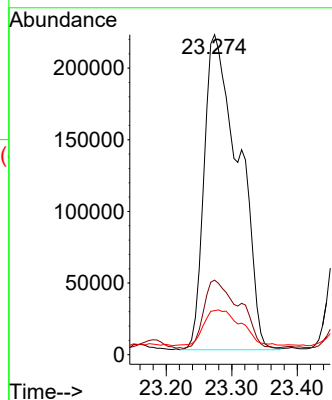
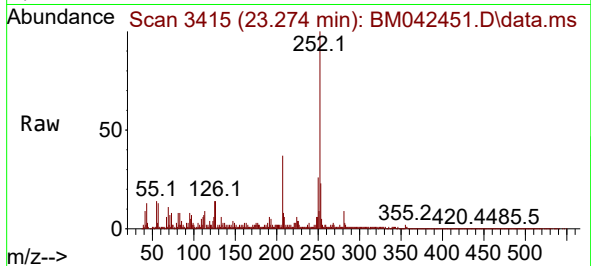




#88
Benzo(b)fluoranthene
Concen: 23.206 ng
RT: 23.274 min Scan# 3415
Delta R.T. -0.012 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

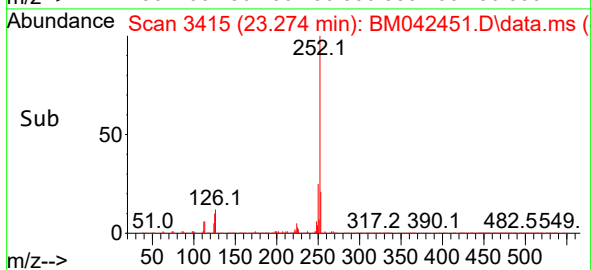
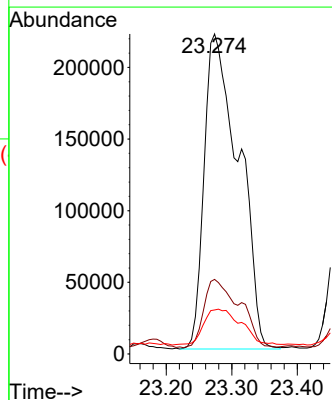
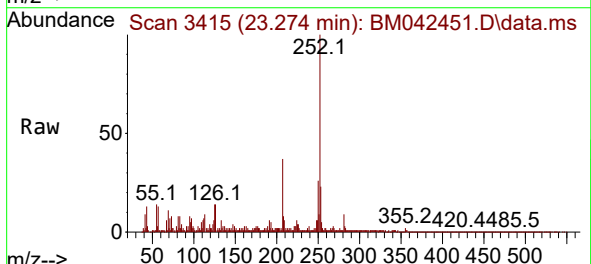
Instrument :
BNA_M
ClientSampleId :
M-3(0-5)DL

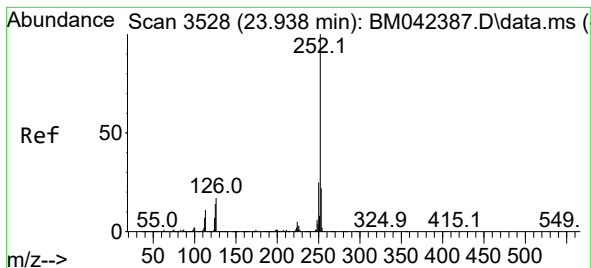
Tgt Ion:252 Resp: 807616
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 13.7 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 22.352 ng
RT: 23.274 min Scan# 3415
Delta R.T. -0.059 min
Lab File: BM042451.D
Acq: 25 Oct 2023 23:21

Tgt Ion:252 Resp: 807616
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 13.7 10.2 15.2





#90

Benzo(a)pyrene

Concen: 19.826 ng

RT: 23.921 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

Instrument :

BNA_M

ClientSampleId :

M-3(0-5)DL

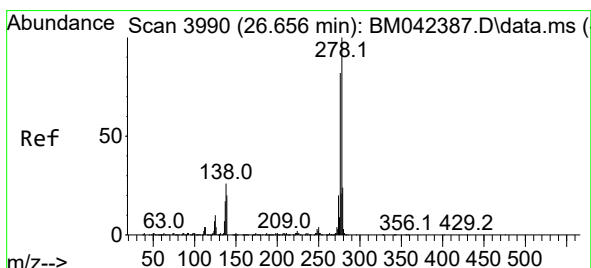
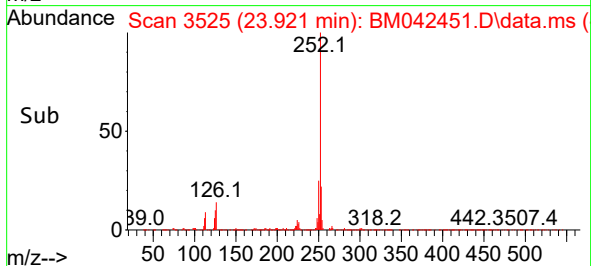
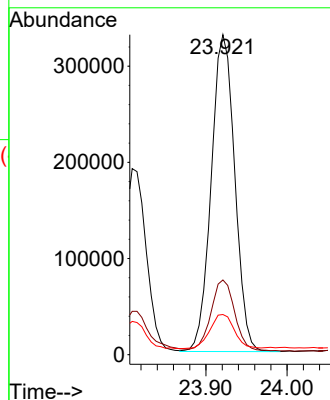
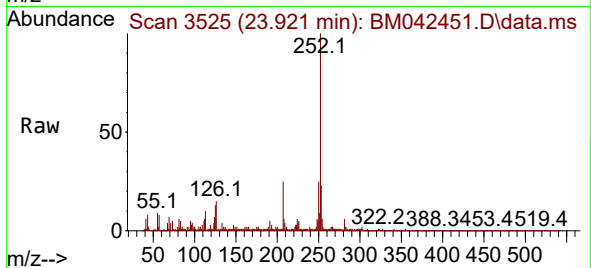
Tgt Ion:252 Resp: 664115

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

125 12.5 10.9 16.3



#91

Dibenzo(a,h)anthracene

Concen: 2.838 ng

RT: 26.621 min Scan# 3984

Delta R.T. -0.035 min

Lab File: BM042451.D

Acq: 25 Oct 2023 23:21

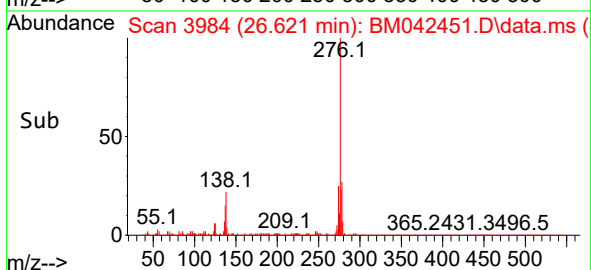
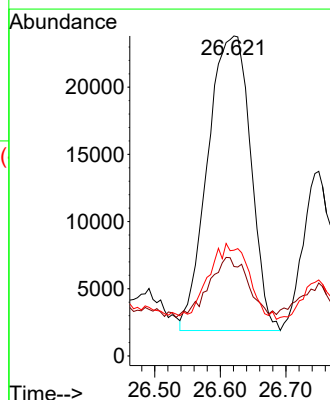
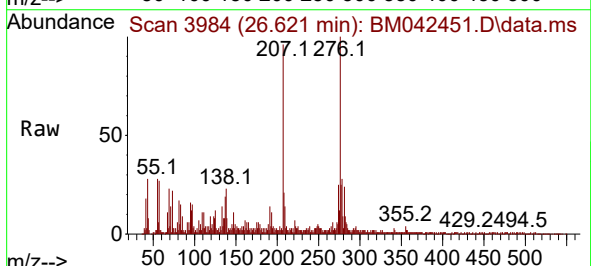
Tgt Ion:278 Resp: 99716

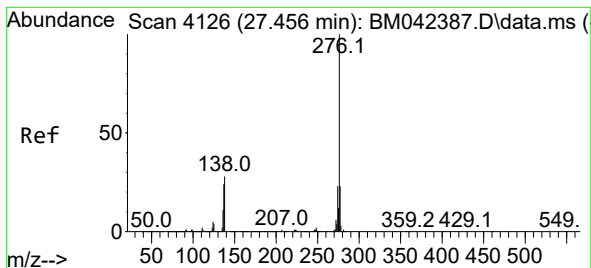
Ion Ratio Lower Upper

278 100

139 27.9 15.6 23.4#

279 33.0 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 9.727 ng

RT: 27.421 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM042451.D

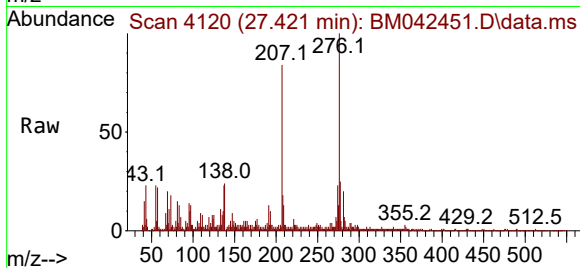
Acq: 25 Oct 2023 23:21

Instrument :

BNA_M

ClientSampleId :

M-3(0-5)DL



Tgt Ion:276 Resp: 331857

Ion Ratio Lower Upper

276 100

277 25.2 18.3 27.5

138 23.6 22.6 34.0

