

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042411.D
 Acq On : 23 Oct 2023 20:35
 Operator : MA/JU
 Sample : 04843-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 22:34:15 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)

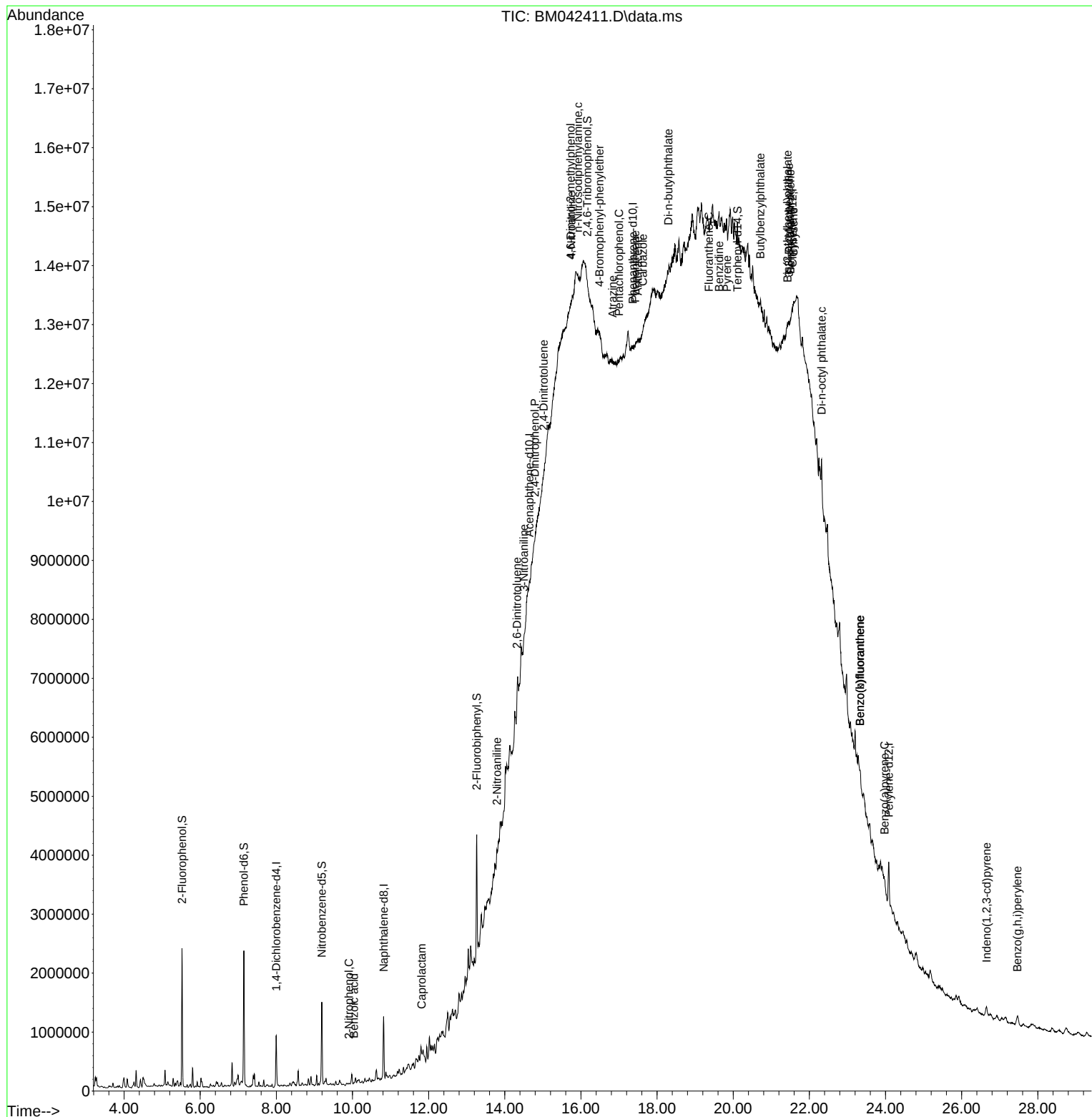
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	203974	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	791572	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	273596	20.000	ng	# 0.00
64) Phenanthrene-d10	17.363	188	13966	20.000	ng	#-0.04
76) Chrysene-d12	21.556	240	10047	20.000	ng	#-0.02
86) Perylene-d12	24.086	264	608611	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	897171	62.164	ng	0.00
7) Phenol-d6	7.146	99	1179198	60.969	ng	0.00
23) Nitrobenzene-d5	9.193	82	745623	41.653	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	107205	42.201	ng	0.03
45) 2-Fluorobiphenyl	13.263	172	1276091	62.808	ng	0.00
79) Terphenyl-d14	20.109	244	324658	573.085	ng	0.10
Target Compounds						Qvalue
26) 2-Nitrophenol	9.904	139	1245	2.878	ng	# 1
32) Benzoic acid	10.034	122	9953	6.304	ng	# 75
35) Caprolactam	11.816	113	4092	6.771	ng	# 1
48) 2-Nitroaniline	13.792	65	1736	3.868	ng	# 78
51) 2,6-Dinitrotoluene	14.322	165	19658	6.965	ng	# 20
53) 3-Nitroaniline	14.504	138	6843	4.452	ng	# 22
54) 2,4-Dinitrophenol	14.786	184	246	8.247	ng	# 1
57) 2,4-Dinitrotoluene	15.022	165	5930	4.959	ng	# 17
62) 4-Nitroaniline	15.745	138	2416	4.233	ng	# 56
65) 4,6-Dinitro-2-methylph...	15.727	198	8888	93.087	ng	# 1
66) n-Nitrosodiphenylamine	15.921	169	41535	98.739	ng	# 60
67) 4-Bromophenyl-phenylether	16.486	248	2047	15.814	ng	# 1
69) Atrazine	16.833	200	1731	16.227	ng	# 1
70) Pentachlorophenol	16.998	266	10011	86.173	ng	# 31
71) Phenanthrene	17.421	178	8953	11.784	ng	# 1
72) Anthracene	17.492	178	11467	15.240	ng	# 1
73) Carbazole	17.627	167	10888	15.425	ng	# 1
74) Di-n-butylphthalate	18.298	149	8526	11.796	ng	# 7
75) Fluoranthene	19.362	202	3469	4.146	ng	# 1
77) Benzidine	19.627	184	13168	90.612	ng	# 1
78) Pyrene	19.833	202	12627	17.985	ng	# 1
80) Butylbenzylphthalate	20.709	149	8582	28.394	ng	# 1
81) Benzo(a)anthracene	21.503	228	4424	6.568	ng	# 1
82) 3,3'-Dichlorobenzidine	21.462	252	7639	37.993	ng	# 28
83) Chrysene	21.586	228	7052	10.901	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.427	149	9768	23.443	ng	# 5
85) Di-n-octyl phthalate	22.321	149	69555	85.578	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.650	276	158758	3.569	ng	# 92
88) Benzo(b)fluoranthene	23.327	252	301587	8.232	ng	# 72
89) Benzo(k)fluoranthene	23.327	252	301587	7.929	ng	# 72
90) Benzo(a)pyrene	23.974	252	159704	4.529	ng	# 70
92) Benzo(g,h,i)perylene	27.462	276	161155	4.487	ng	96

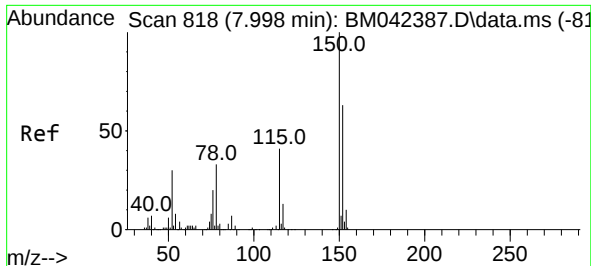
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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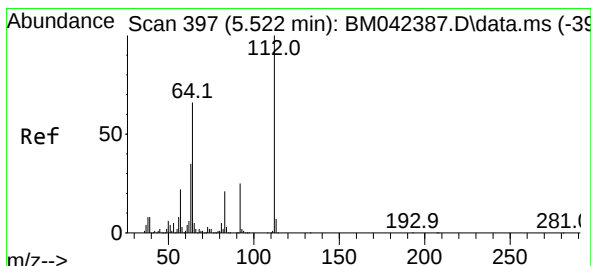
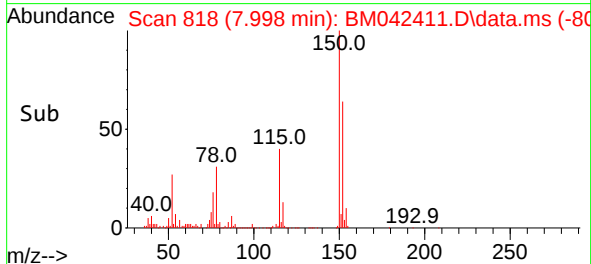
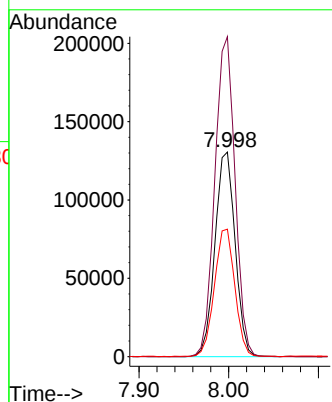
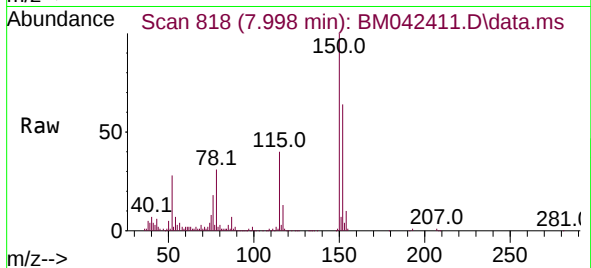




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

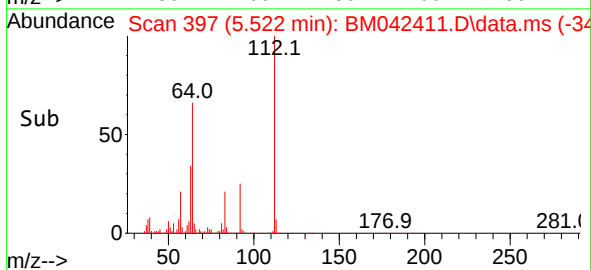
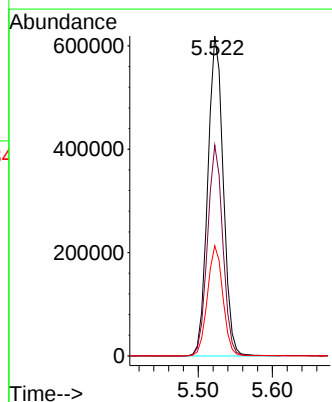
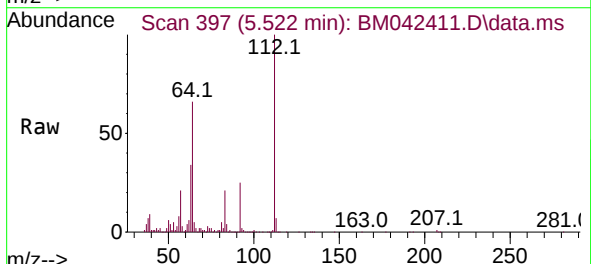
Instrument :
BNA_M
ClientSampleId :

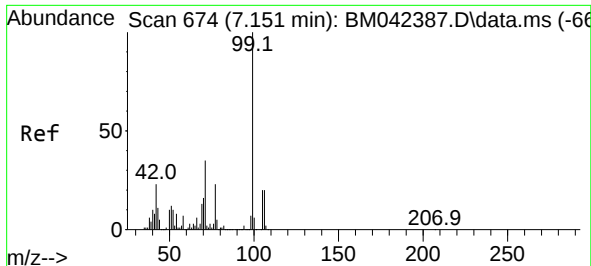
Tgt Ion:152 Resp: 203974
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.4
115 62.3 51.9 77.9



#5
2-Fluorophenol
Concen: 62.164 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion:112 Resp: 897171
Ion Ratio Lower Upper
112 100
64 65.9 52.7 79.1
63 34.4 28.3 42.5

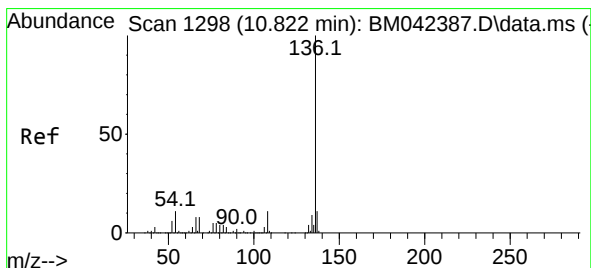
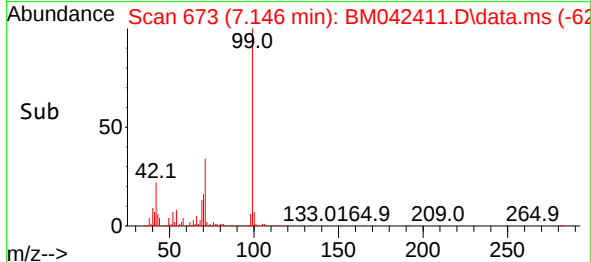
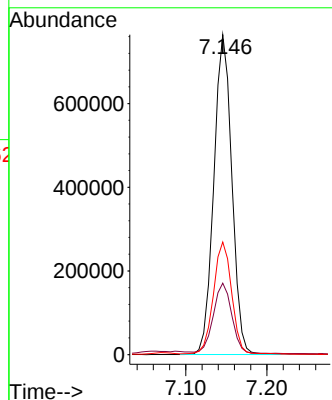
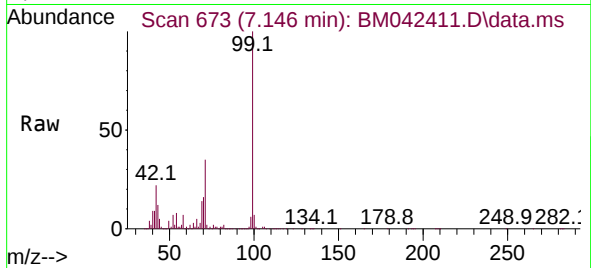




#7
Phenol-d6
Concen: 60.969 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

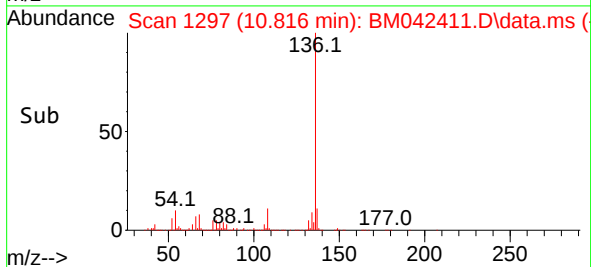
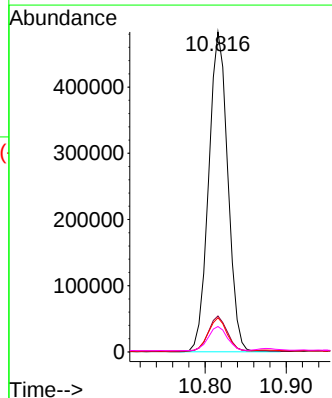
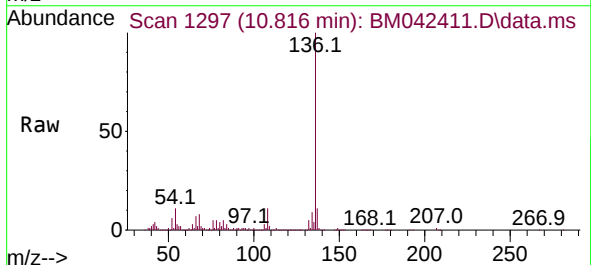
Instrument :
BNA_M
ClientSampleId :

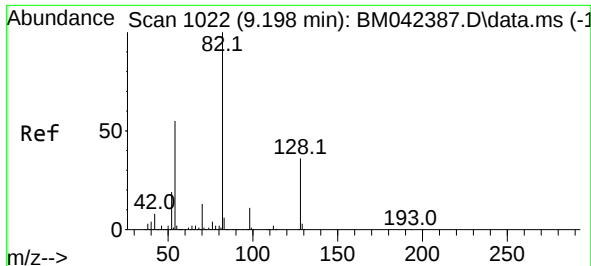
Tgt Ion: 99 Resp: 1179198
Ion Ratio Lower Upper
99 100
42 22.3 18.5 27.7
71 35.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion: 136 Resp: 791572
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.7 8.6 12.8
68 7.9 6.4 9.6





#23

Nitrobenzene-d5

Concen: 41.653 ng

RT: 9.193 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Instrument :

BNA_M

ClientSampleId :

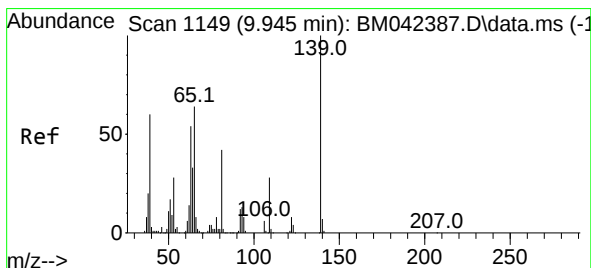
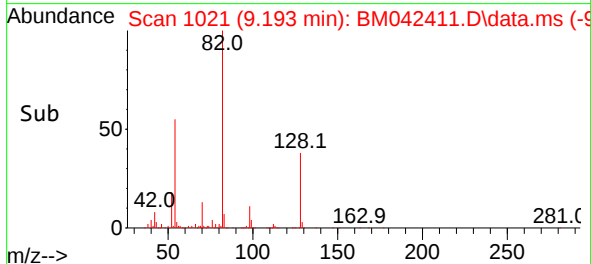
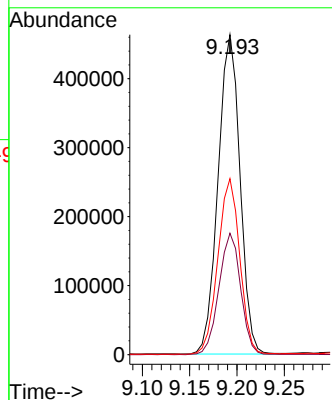
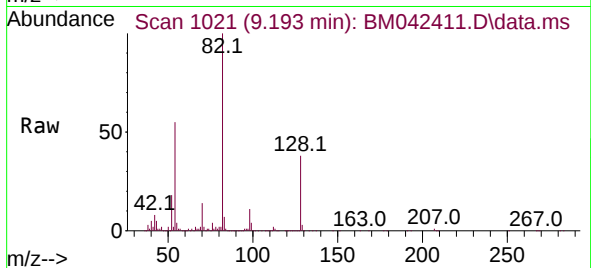
Tgt Ion: 82 Resp: 745623

Ion Ratio Lower Upper

82 100

128 37.9 29.0 43.6

54 55.0 43.7 65.5



#26

2-Nitrophenol

Concen: 2.878 ng

RT: 9.904 min Scan# 1142

Delta R.T. -0.041 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

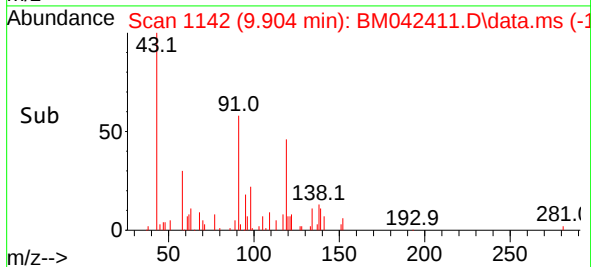
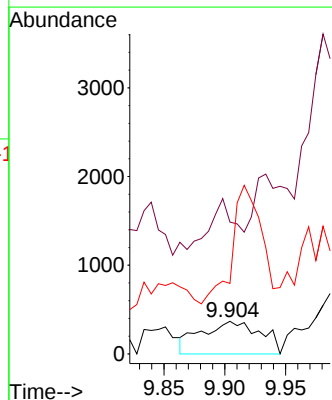
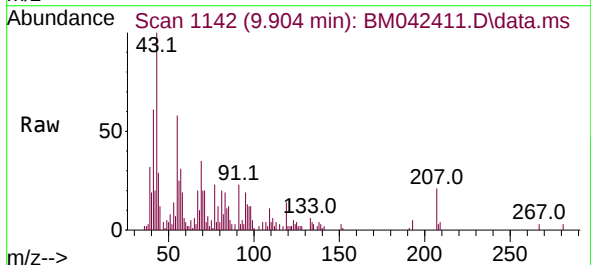
Tgt Ion:139 Resp: 1245

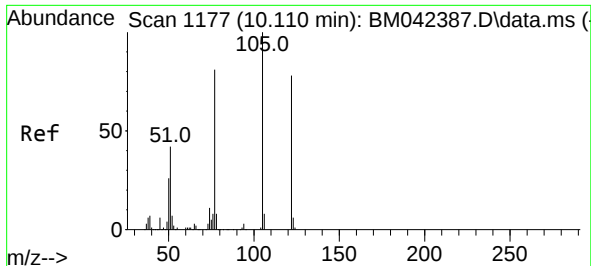
Ion Ratio Lower Upper

139 100

109 404.9 22.3 33.5#

65 216.6 51.1 76.7#

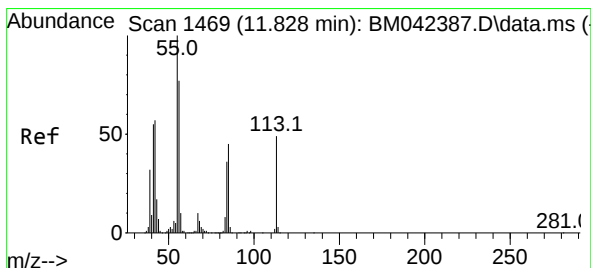
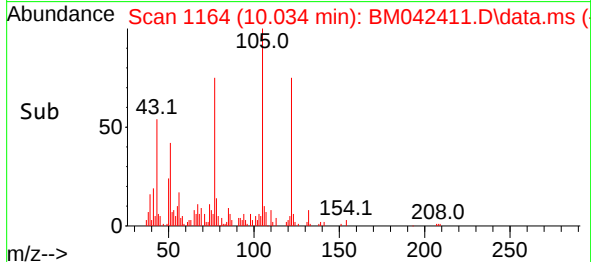
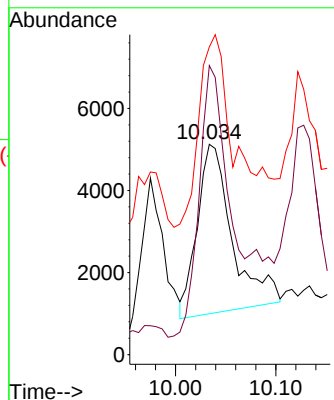
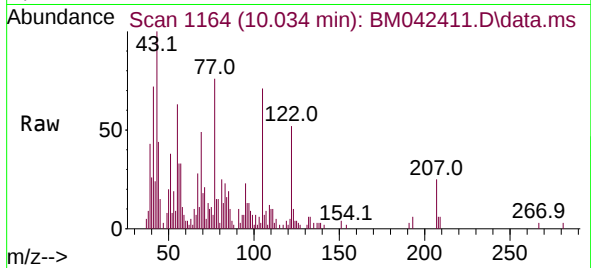




#32
Benzoic acid
Concen: 6.304 ng
RT: 10.034 min Scan# 1177
Delta R.T. -0.076 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

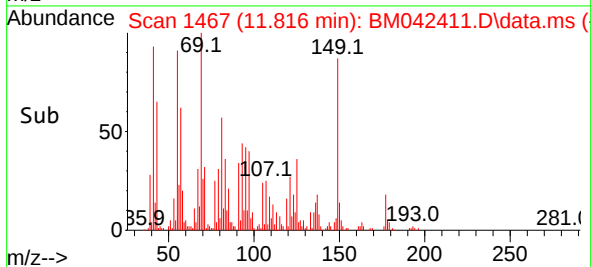
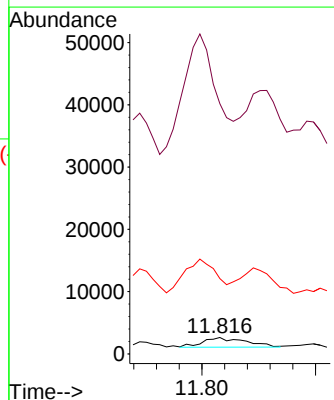
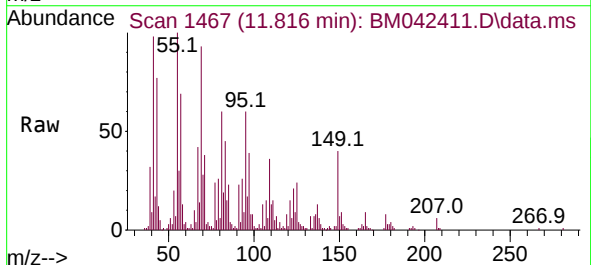
Instrument :
BNA_M
ClientSampleId :

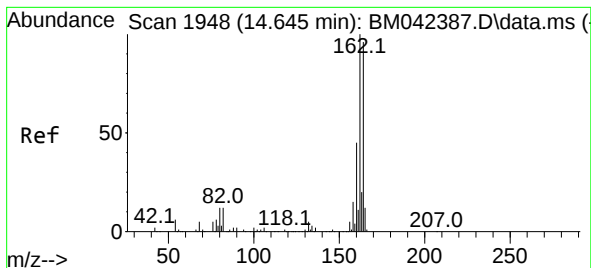
Tgt Ion:122 Resp: 9953
Ion Ratio Lower Upper
122 100
105 137.5 104.9 144.9
77 146.3 83.4 123.4#



#35
Caprolactam
Concen: 6.771 ng
RT: 11.816 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion:113 Resp: 4092
Ion Ratio Lower Upper
113 100
55 1525.6 185.6 225.6#
56 459.4 137.8 177.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.645 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Instrument :

BNA_M

ClientSampleId :

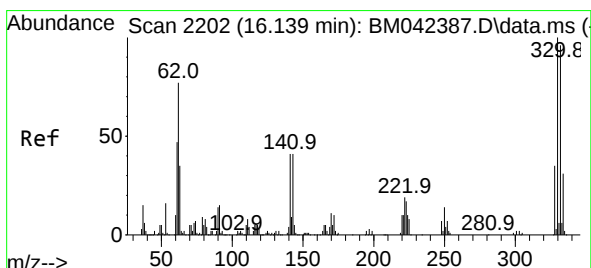
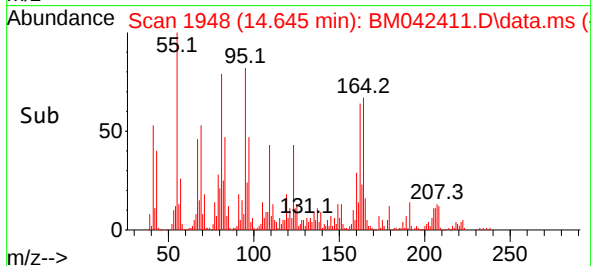
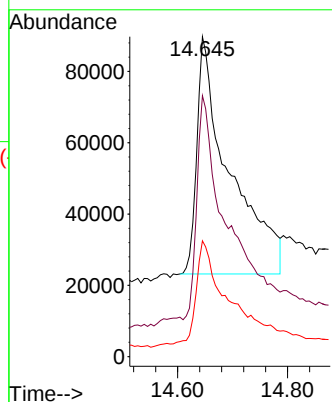
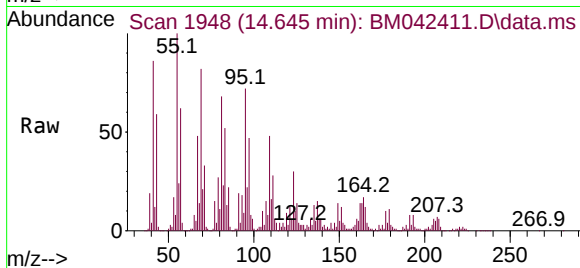
Tgt Ion:164 Resp: 273596

Ion Ratio Lower Upper

164 100

162 81.5 83.0 124.4#

160 36.2 37.0 55.4#



#42

2,4,6-Tribromophenol

Concen: 42.201 ng

RT: 16.169 min Scan# 2207

Delta R.T. 0.030 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

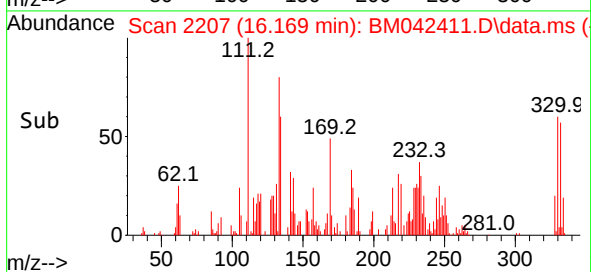
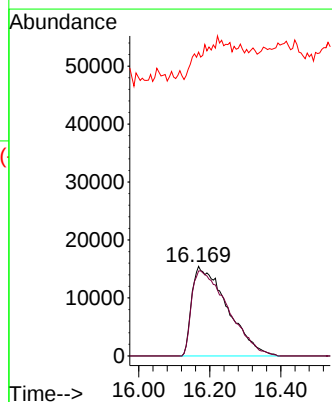
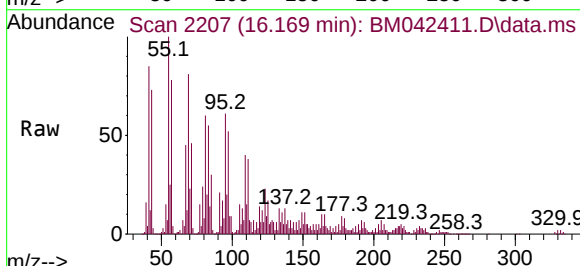
Tgt Ion:330 Resp: 107205

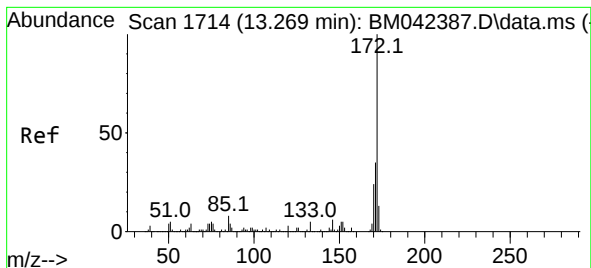
Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

141 0.0 38.0 57.0#





#45

2-Fluorobiphenyl

Concen: 62.808 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Instrument :

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ClientSampleId :

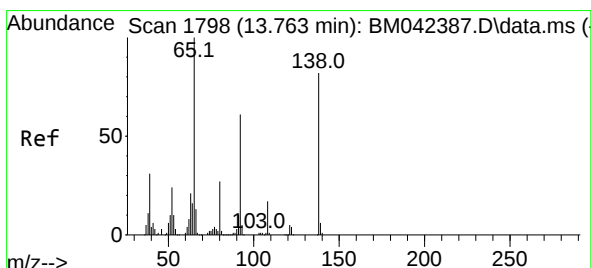
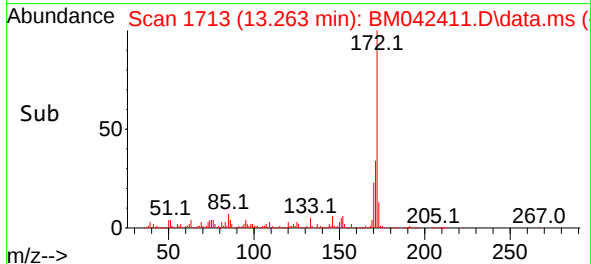
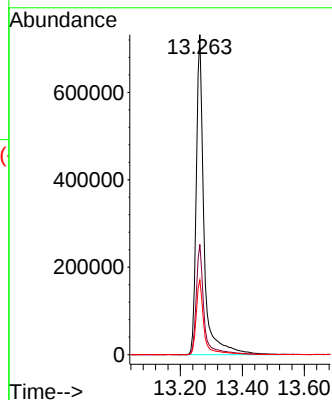
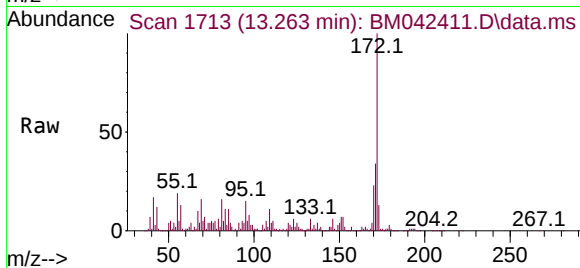
Tgt Ion:172 Resp: 1276091

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.3 18.9 28.3



#48

2-Nitroaniline

Concen: 3.868 ng

RT: 13.792 min Scan# 1803

Delta R.T. 0.029 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

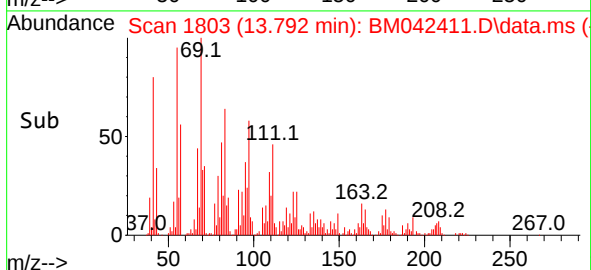
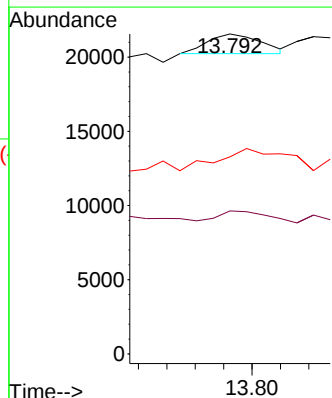
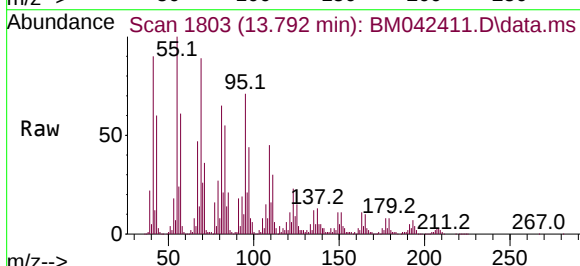
Tgt Ion: 65 Resp: 1736

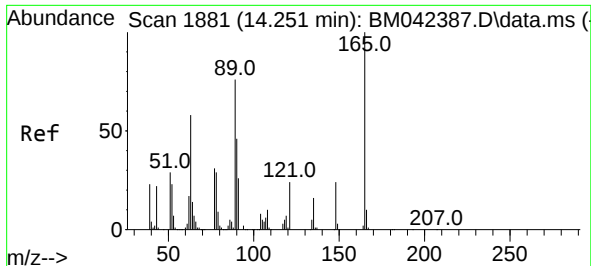
Ion Ratio Lower Upper

65 100

92 44.7 49.0 73.6#

138 61.6 65.5 98.3#

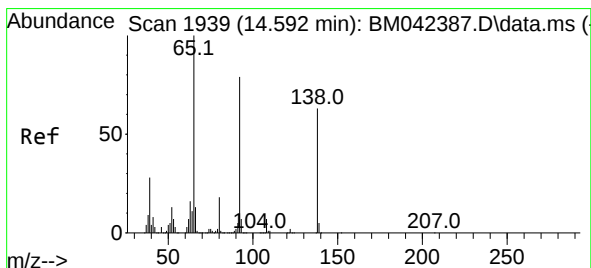
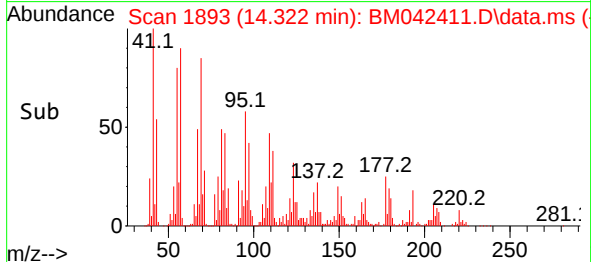
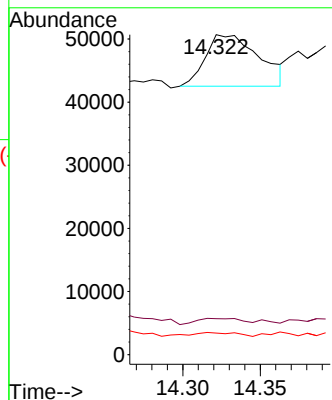
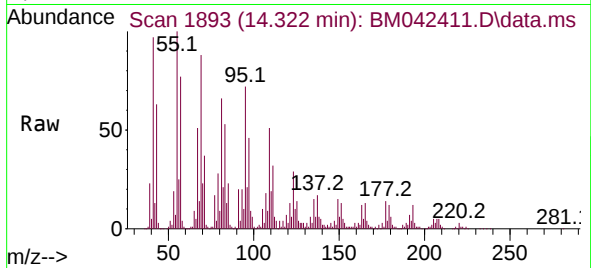




#51
2,6-Dinitrotoluene
Concen: 6.965 ng
RT: 14.322 min Scan# 1881
Delta R.T. 0.071 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

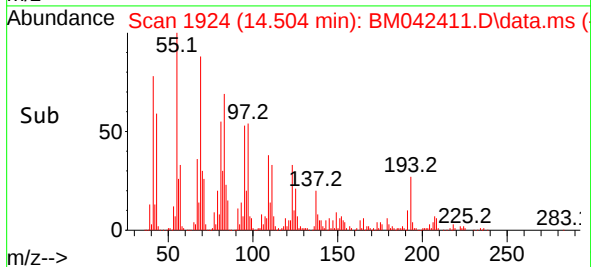
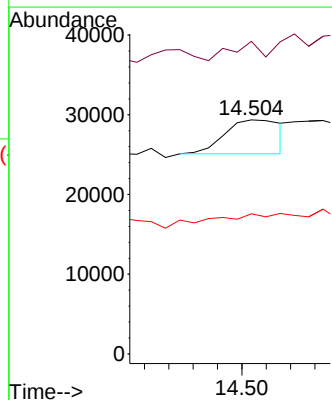
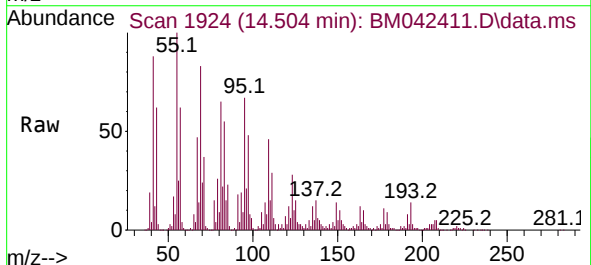
Instrument :
BNA_M
ClientSampleId :

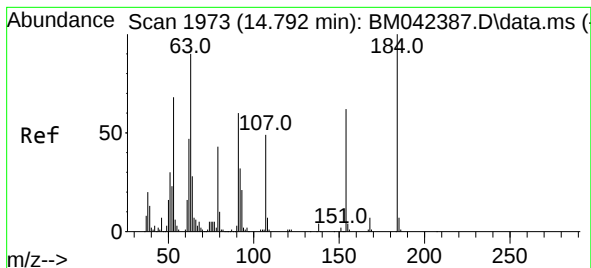
Tgt Ion:165 Resp: 19658
Ion Ratio Lower Upper
165 100
63 11.2 65.3 97.9#
89 6.7 60.6 91.0#



#53
3-Nitroaniline
Concen: 4.452 ng
RT: 14.504 min Scan# 1924
Delta R.T. -0.088 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion:138 Resp: 6843
Ion Ratio Lower Upper
138 100
108 133.6 8.3 12.5#
92 59.9 100.6 151.0#

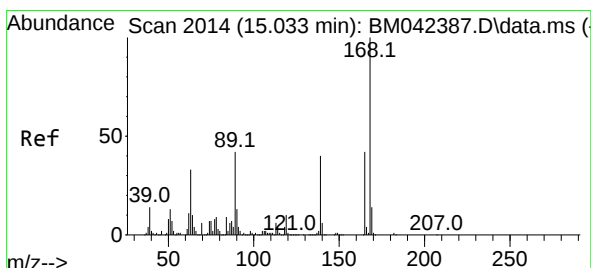
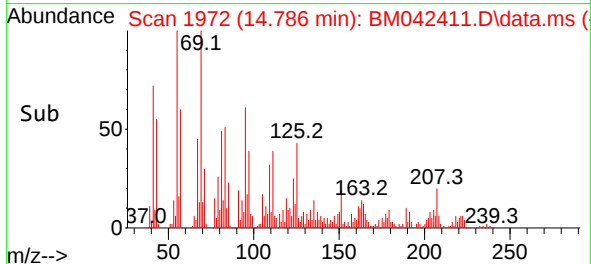
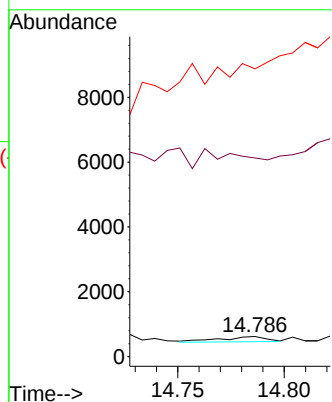
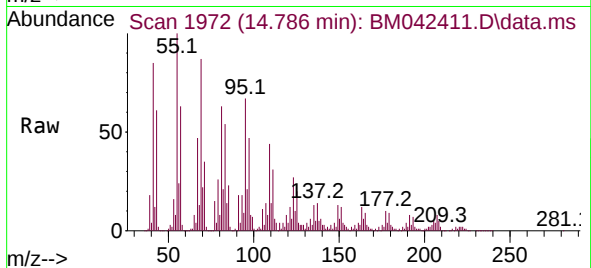




#54
2,4-Dinitrophenol
Concen: 8.247 ng
RT: 14.786 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

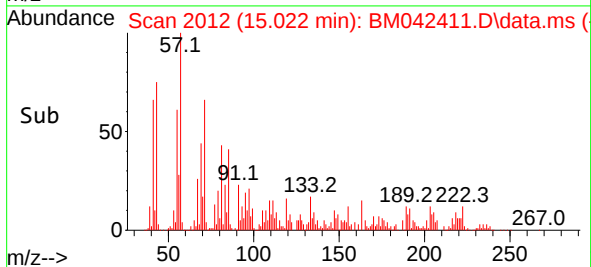
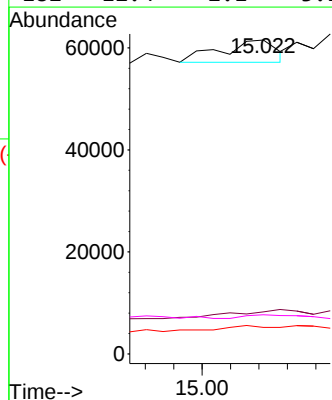
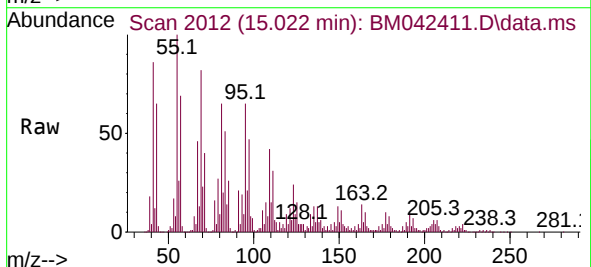
Instrument :
BNA_M
ClientSampleId :

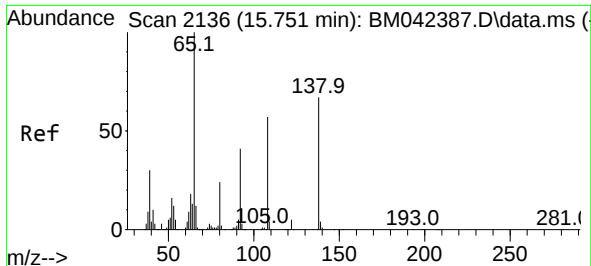
Tgt Ion:184 Resp: 246
Ion Ratio Lower Upper
184 100
63 988.9 72.2 108.2#
154 1432.3 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 4.959 ng
RT: 15.022 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion:165 Resp: 5930
Ion Ratio Lower Upper
165 100
63 13.4 62.9 94.3#
89 8.5 80.2 120.2#
182 12.4 2.1 3.1#

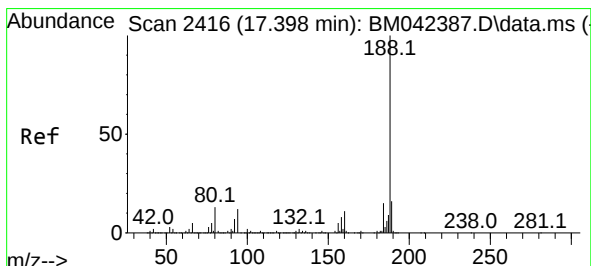
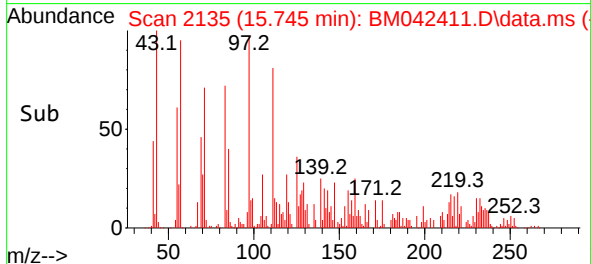
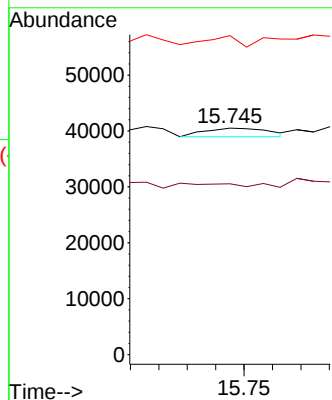
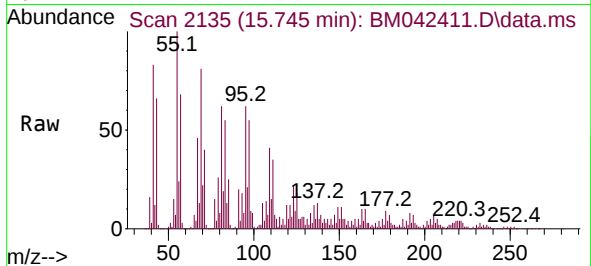




#62
4-Nitroaniline
Concen: 4.233 ng
RT: 15.745 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

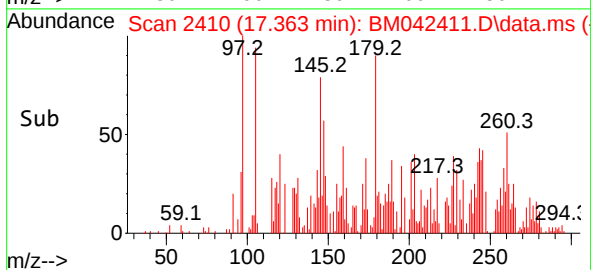
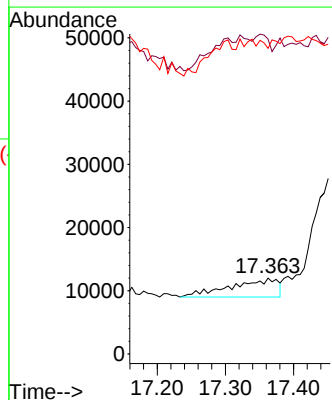
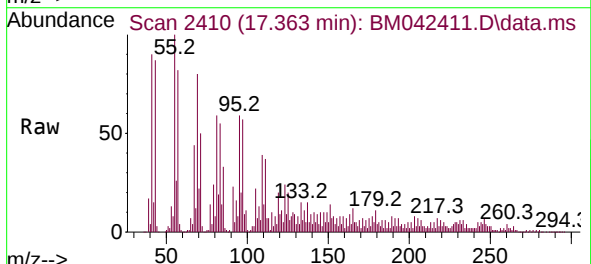
Instrument :
BNA_M
ClientSampleId :

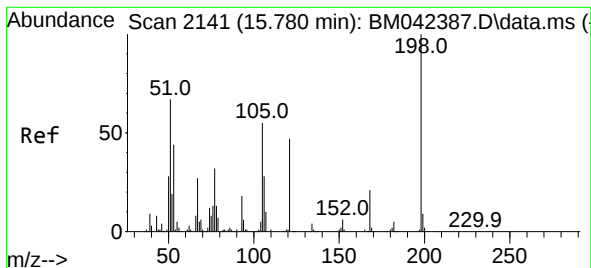
Tgt Ion:138 Resp: 2416
Ion Ratio Lower Upper
138 100
92 75.4 40.4 80.4
108 140.8 65.3 105.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2410
Delta R.T. -0.035 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion:188 Resp: 13966
Ion Ratio Lower Upper
188 100
94 415.3 9.4 14.0#
80 403.1 10.7 16.1#

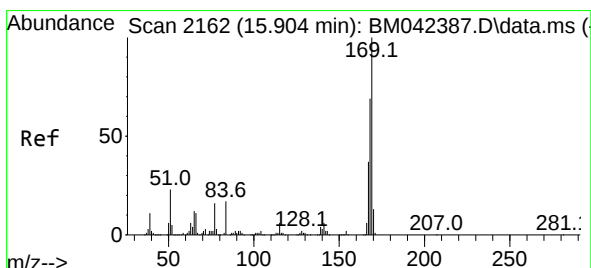
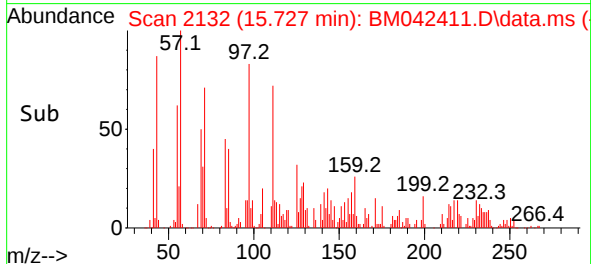
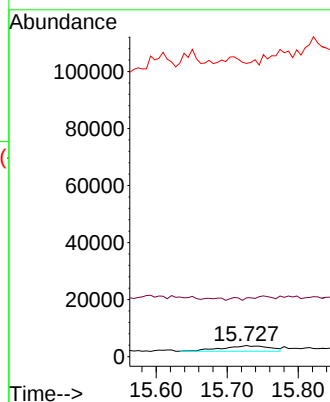
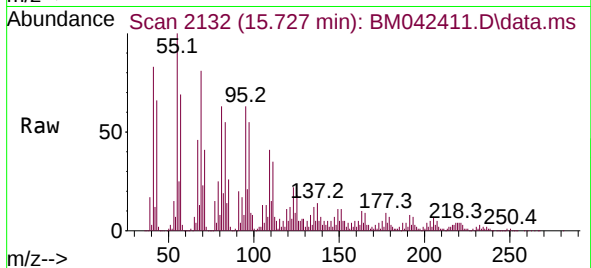




#65
4,6-Dinitro-2-methylphenol
Concen: 93.087 ng
RT: 15.727 min Scan# 2141
Delta R.T. -0.053 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

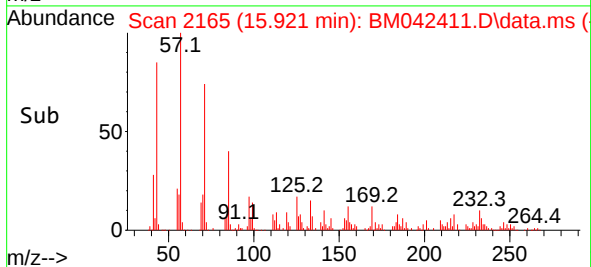
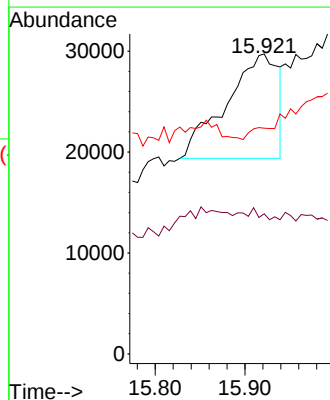
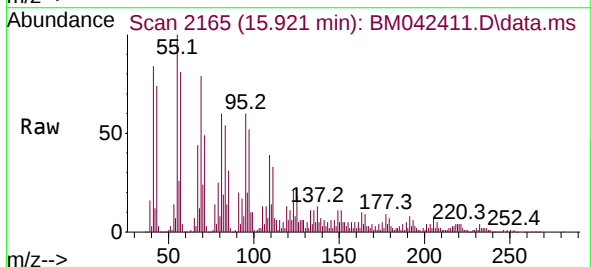
Instrument :
BNA_M
ClientSampleId :

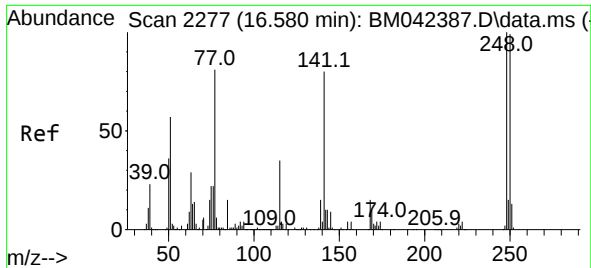
Tgt Ion:198 Resp: 8888
Ion Ratio Lower Upper
198 100
51 526.5 54.1 94.1#
105 2625.1 35.9 75.9#



#66
n-Nitrosodiphenylamine
Concen: 98.739 ng
RT: 15.921 min Scan# 2165
Delta R.T. 0.018 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion:169 Resp: 41535
Ion Ratio Lower Upper
169 100
168 46.7 55.4 83.2#
167 75.2 29.9 44.9#

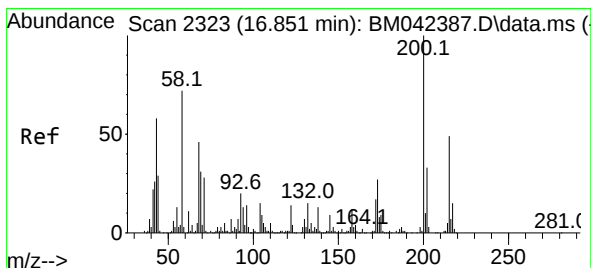
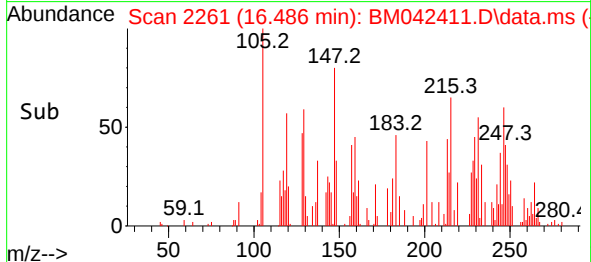
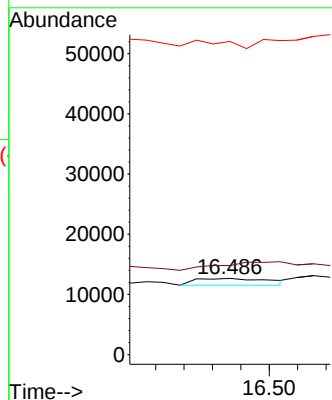
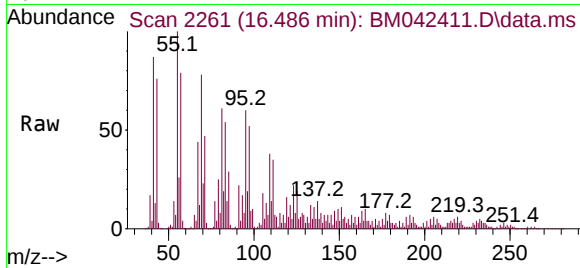




#67
4-Bromophenyl-phenylether
Concen: 15.814 ng
RT: 16.486 min Scan# 21
Delta R.T. -0.094 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

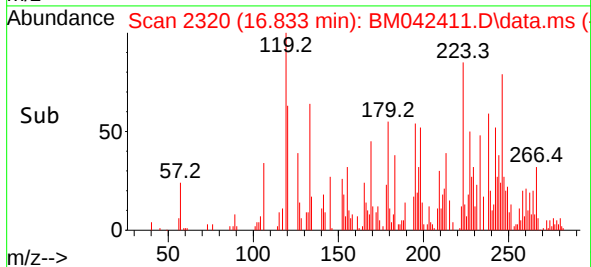
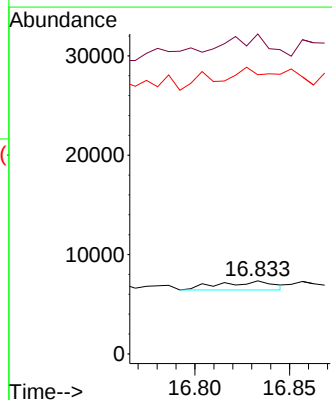
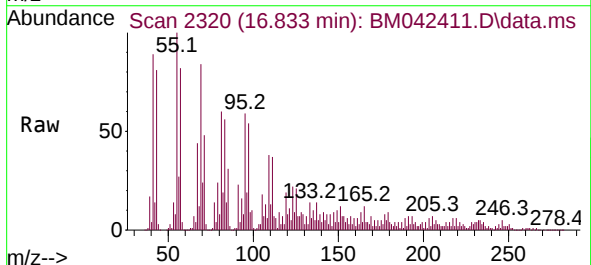
Instrument :
BNA_M
ClientSampleId :

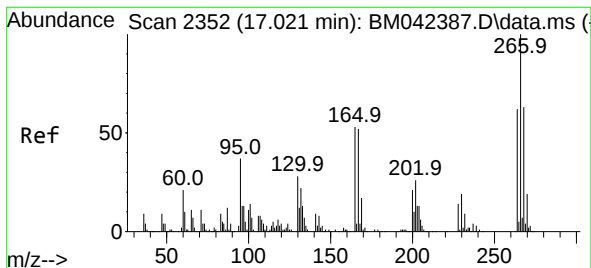
Tgt Ion:248 Resp: 2047
Ion Ratio Lower Upper
248 100
250 116.7 79.4 119.2
141 410.6 64.3 96.5#



#69
Atrazine
Concen: 16.227 ng
RT: 16.833 min Scan# 2320
Delta R.T. -0.018 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion:200 Resp: 1731
Ion Ratio Lower Upper
200 100
173 438.4 6.6 46.6#
215 382.4 28.6 68.6#





#70

Pentachlorophenol

Concen: 86.173 ng

RT: 16.998 min Scan# 2348

Delta R.T. -0.023 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Instrument :

BNA_M

ClientSampleId :

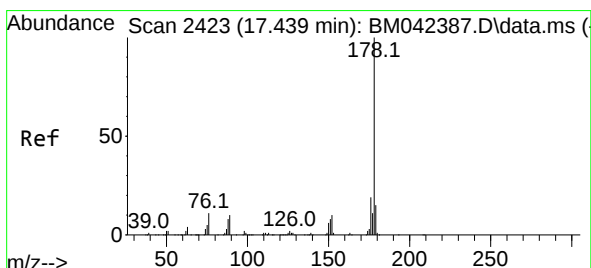
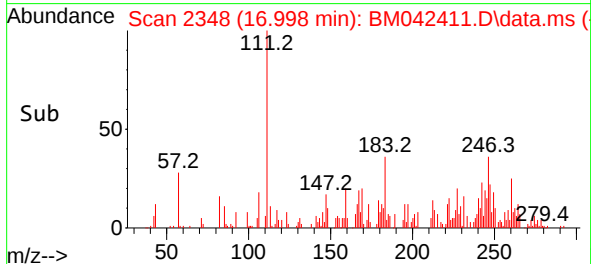
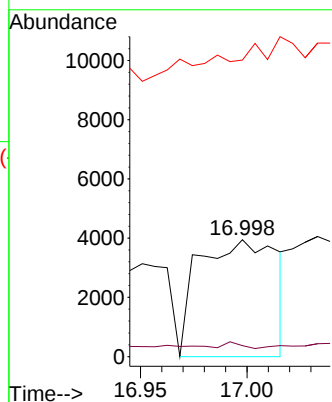
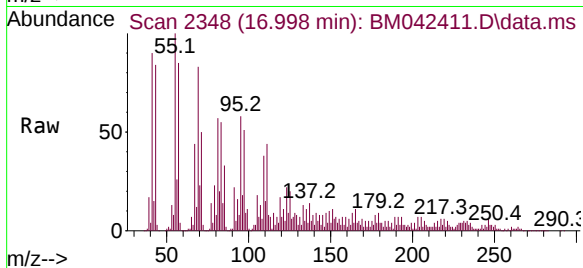
Tgt Ion:266 Resp: 10011

Ion Ratio Lower Upper

266 100

268 4.0 50.6 76.0#

264 108.4 49.4 74.0#



#71

Phenanthrene

Concen: 11.784 ng

RT: 17.421 min Scan# 2420

Delta R.T. -0.018 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

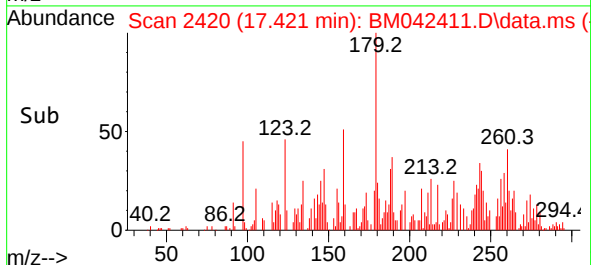
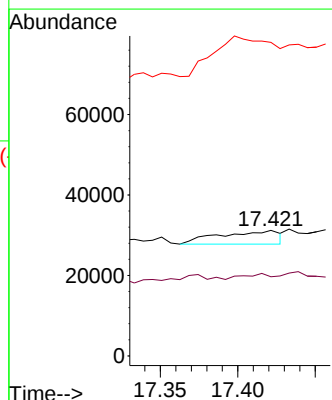
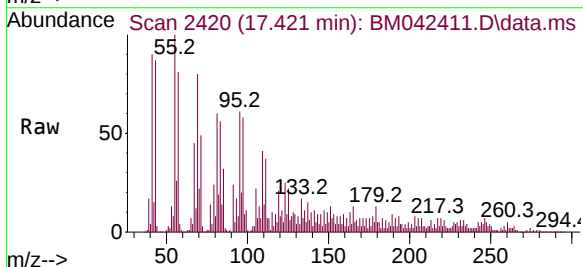
Tgt Ion:178 Resp: 8953

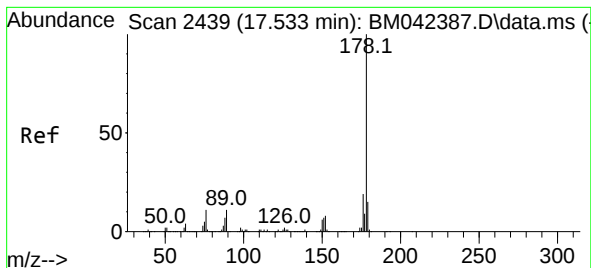
Ion Ratio Lower Upper

178 100

176 63.0 15.4 23.2#

179 249.7 12.3 18.5#





#72

Anthracene

Concen: 15.240 ng

RT: 17.492 min Scan# 24

Delta R.T. -0.041 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Instrument :

BNA_M

ClientSampleId :

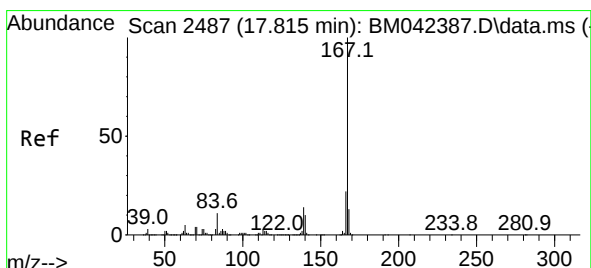
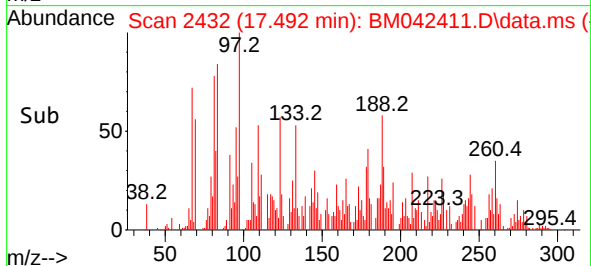
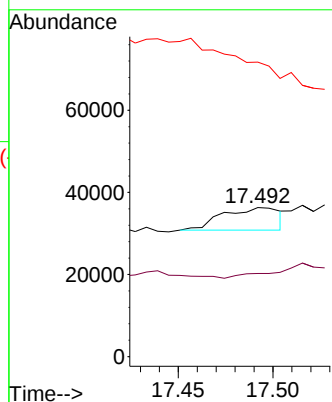
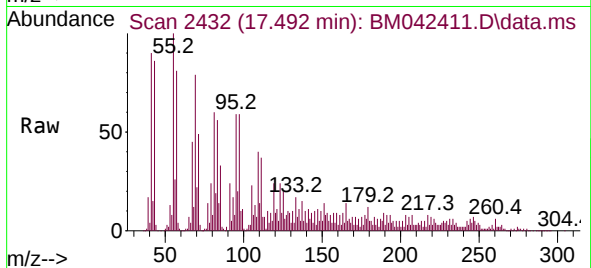
Tgt Ion:178 Resp: 11467

Ion Ratio Lower Upper

178 100

176 55.7 15.4 23.0#

179 197.6 12.1 18.1#



#73

Carbazole

Concen: 15.425 ng

RT: 17.627 min Scan# 2455

Delta R.T. -0.188 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

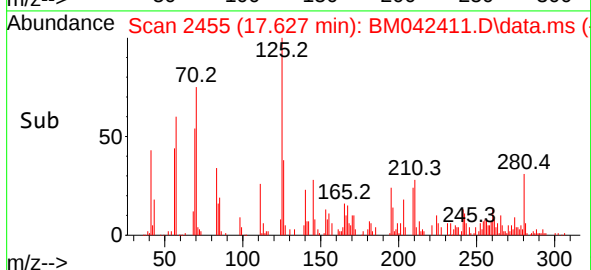
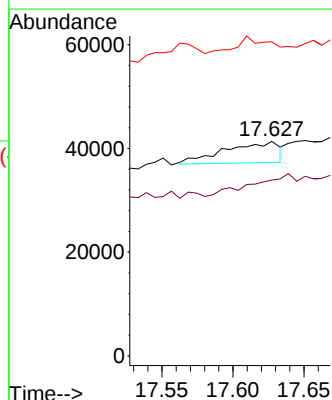
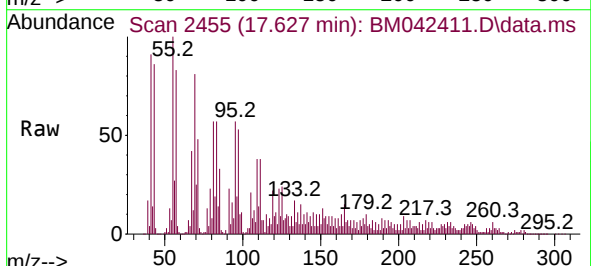
Tgt Ion:167 Resp: 10888

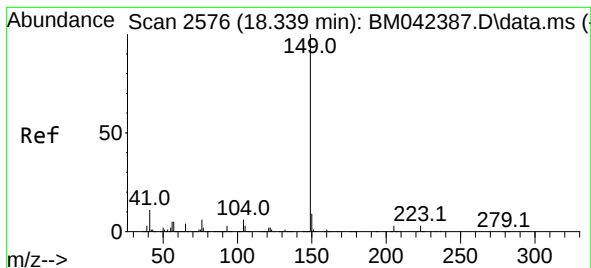
Ion Ratio Lower Upper

167 100

166 81.9 17.4 26.0#

139 146.5 10.9 16.3#





#74

Di-n-butylphthalate

Concen: 11.796 ng

RT: 18.298 min Scan# 21

Delta R.T. -0.041 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Instrument :

BNA_M

ClientSampleId :

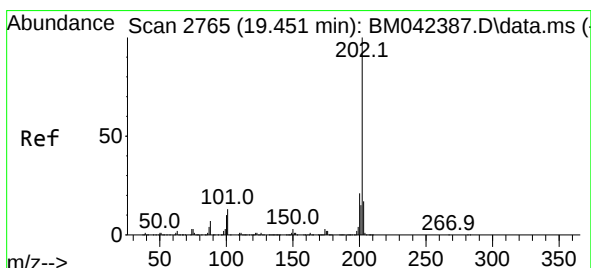
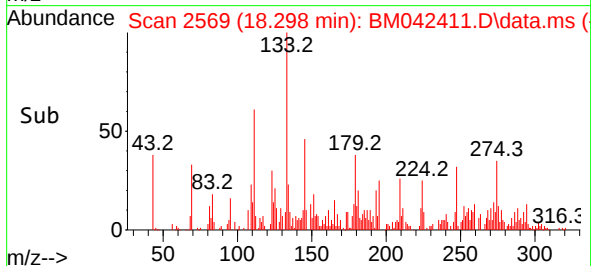
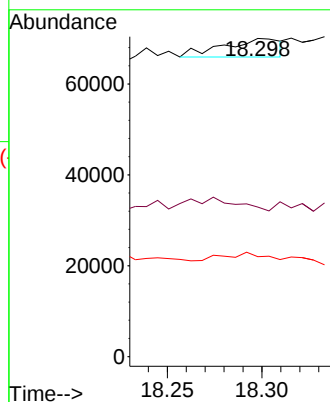
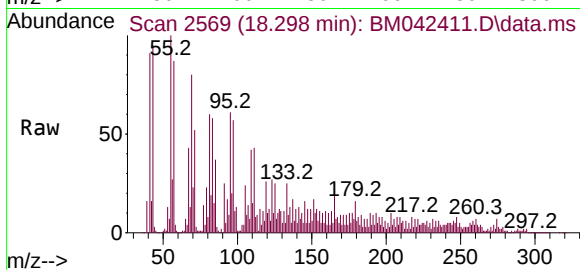
Tgt Ion:149 Resp: 8526

Ion Ratio Lower Upper

149 100

150 47.0 7.4 11.0#

104 31.4 4.6 7.0#



#75

Fluoranthene

Concen: 4.146 ng

RT: 19.362 min Scan# 2750

Delta R.T. -0.088 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

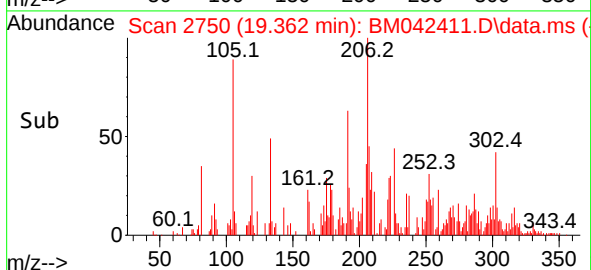
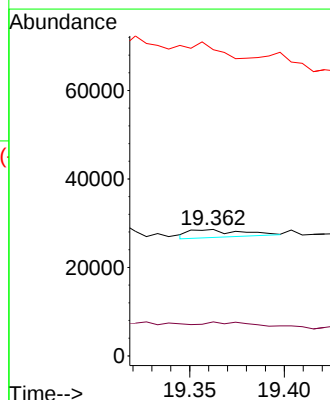
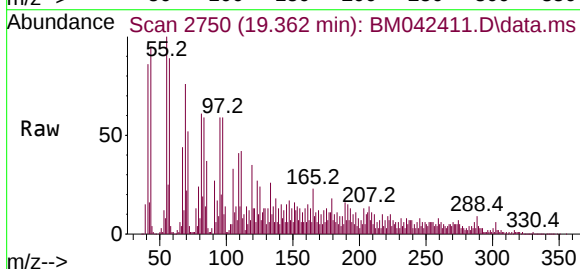
Tgt Ion:202 Resp: 3469

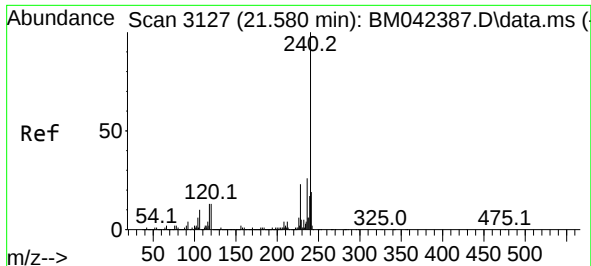
Ion Ratio Lower Upper

202 100

101 26.9 0.0 33.3

203 242.2 0.0 37.5#

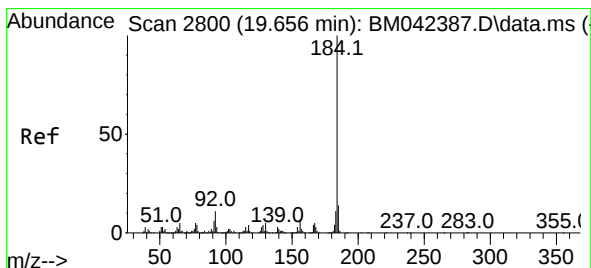
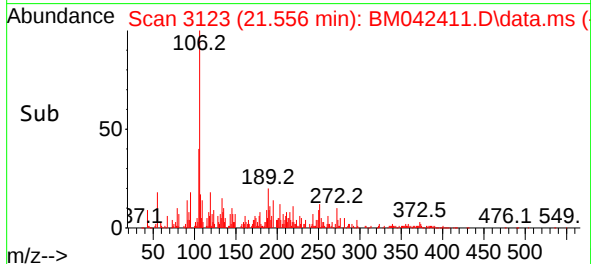
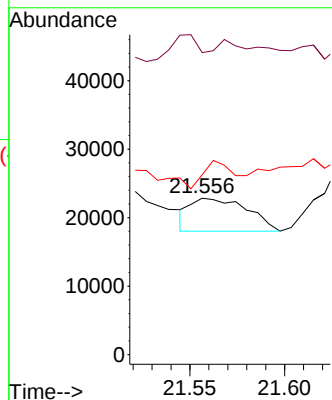
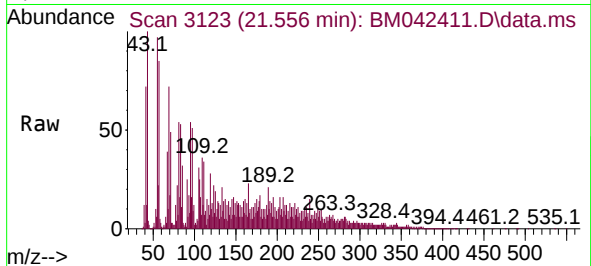




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.556 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

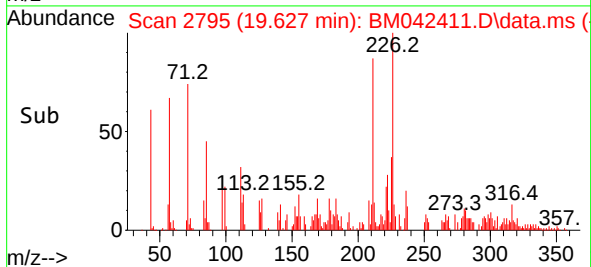
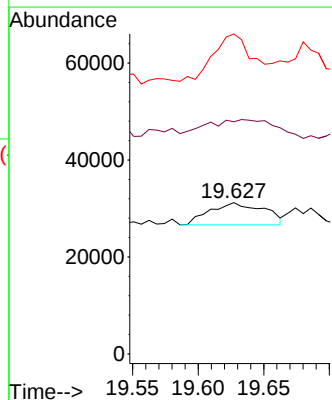
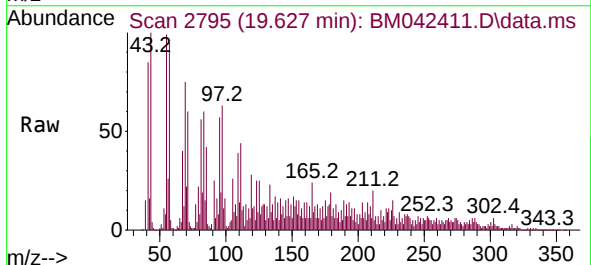
Instrument :
BNA_M
ClientSampleId :

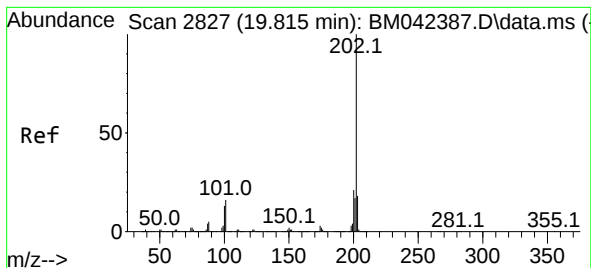
Tgt Ion:240 Resp: 10047
Ion Ratio Lower Upper
240 100
120 193.1 10.7 16.1#
236 115.0 20.7 31.1#



#77
Benzidine
Concen: 90.612 ng
RT: 19.627 min Scan# 2795
Delta R.T. -0.029 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion:184 Resp: 13168
Ion Ratio Lower Upper
184 100
185 153.4 11.5 17.3#
183 211.5 9.2 13.8#





#78

Pyrene

Concen: 17.985 ng

RT: 19.833 min Scan# 2827

Delta R.T. 0.018 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Instrument :

BNA_M

ClientSampleId :

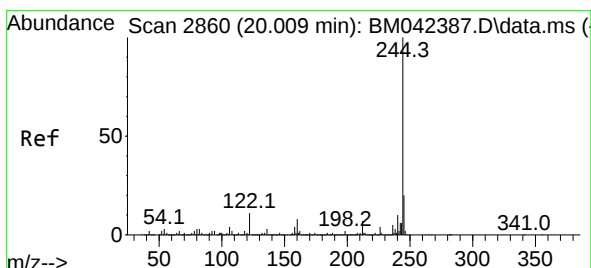
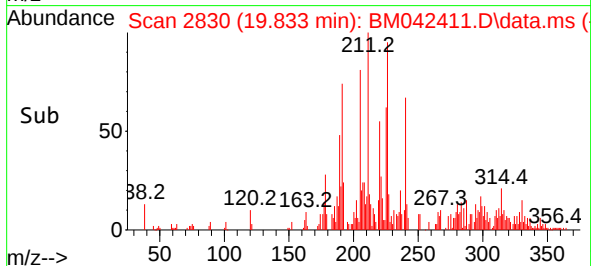
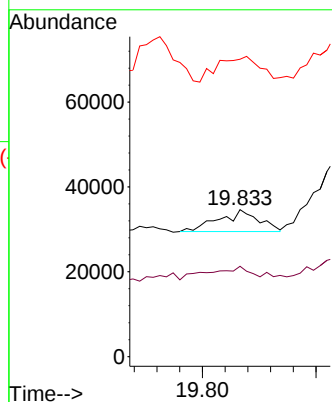
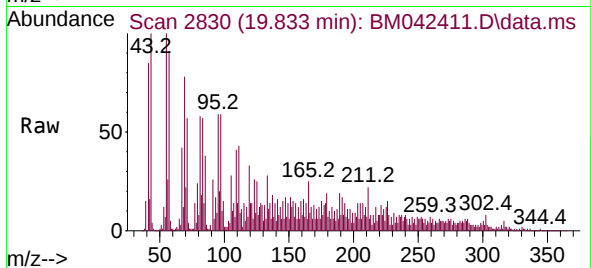
Tgt Ion:202 Resp: 12627

Ion Ratio Lower Upper

202 100

200 61.4 17.1 25.7#

203 202.3 14.1 21.1#



#79

Terphenyl-d14

Concen: 573.085 ng

RT: 20.109 min Scan# 2877

Delta R.T. 0.100 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

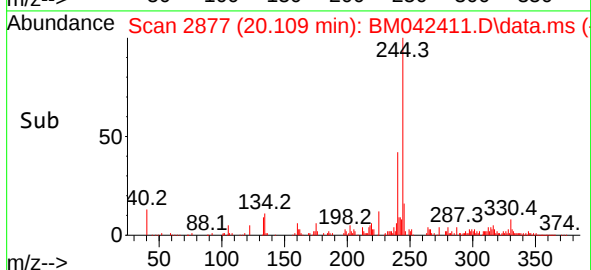
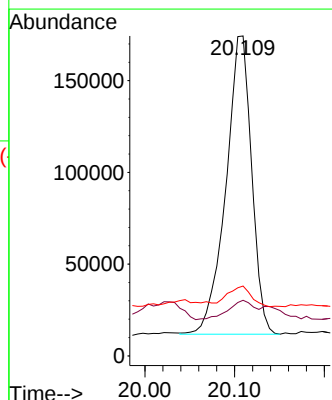
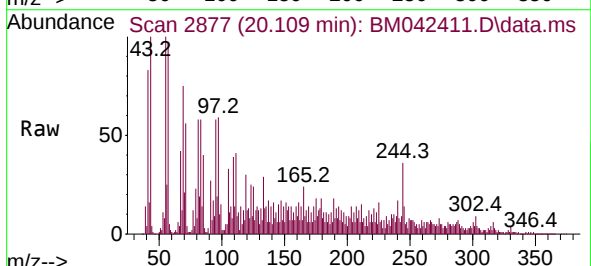
Tgt Ion:244 Resp: 324658

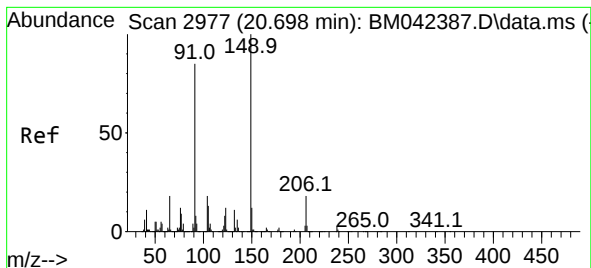
Ion Ratio Lower Upper

244 100

212 17.4 5.6 8.4#

122 21.8 8.8 13.2#





#80

Butylbenzylphthalate

Concen: 28.394 ng

RT: 20.709 min Scan# 29

Delta R.T. 0.011 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Instrument :

BNA_M

ClientSampleId :

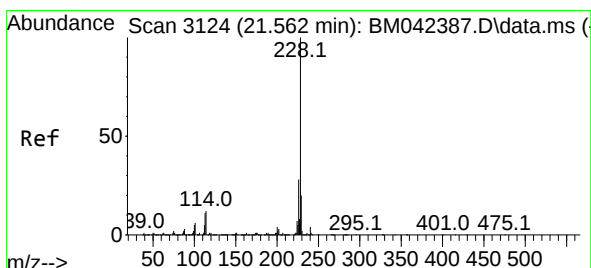
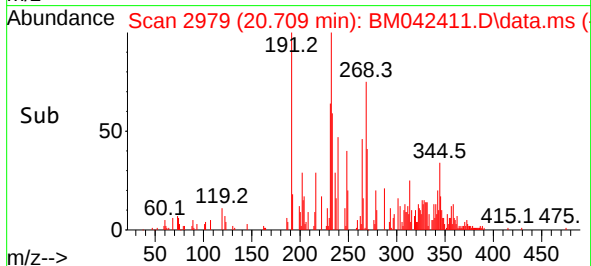
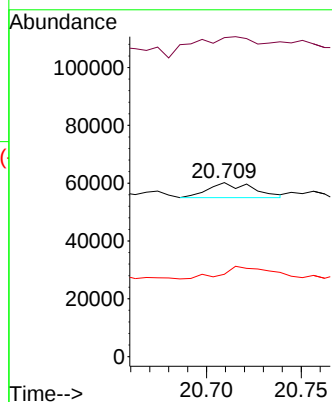
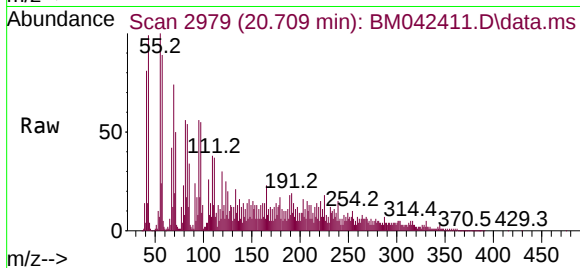
Tgt Ion:149 Resp: 8582

Ion Ratio Lower Upper

149 100

91 183.2 68.3 102.5#

206 47.3 14.6 22.0#



#81

Benzo(a)anthracene

Concen: 6.568 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.059 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

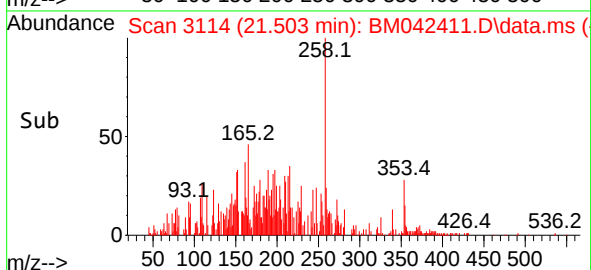
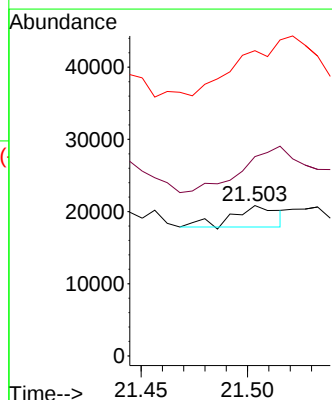
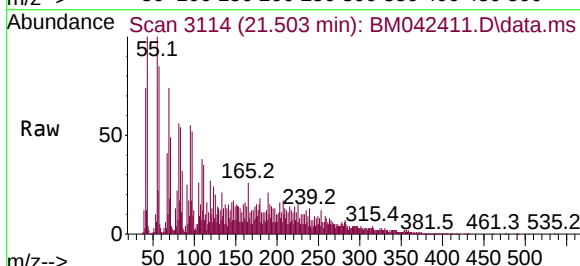
Tgt Ion:228 Resp: 4424

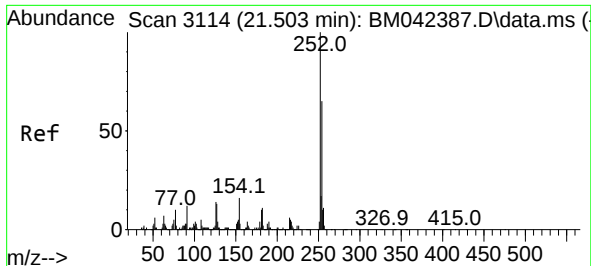
Ion Ratio Lower Upper

228 100

226 132.5 22.2 33.4#

229 202.9 15.7 23.5#

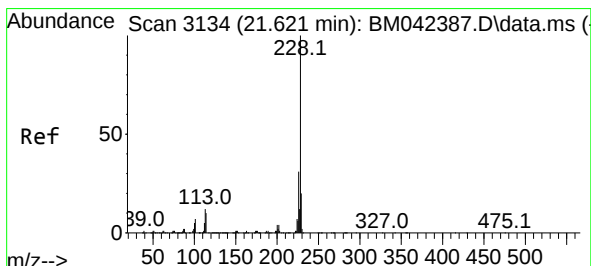
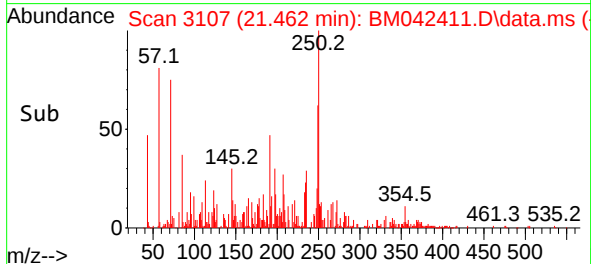
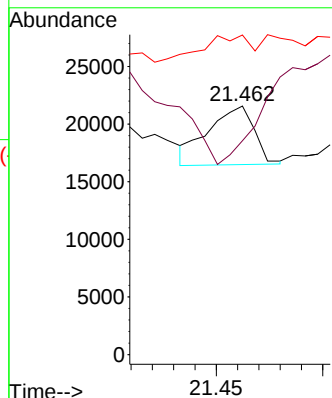
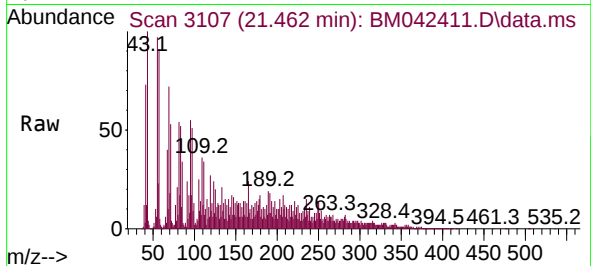




#82
 3,3'-Dichlorobenzidine
 Concen: 37.993 ng
 RT: 21.462 min Scan# 3114
 Delta R.T. -0.041 min
 Lab File: BM042411.D
 Acq: 23 Oct 2023 20:35

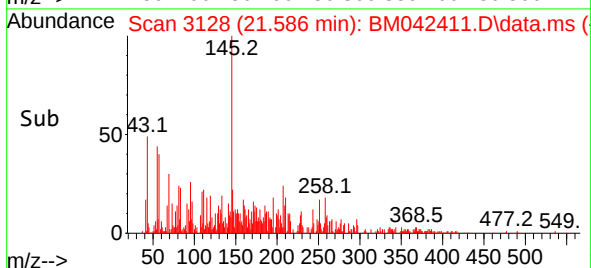
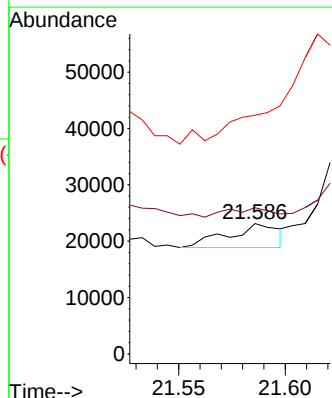
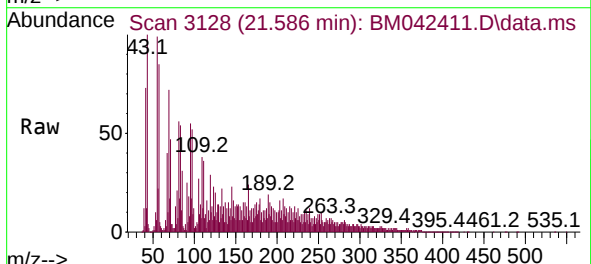
Instrument :
 BNA_M
 ClientSampleId :

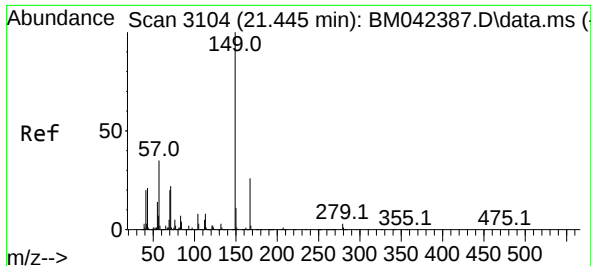
Tgt Ion:252 Resp: 7639
 Ion Ratio Lower Upper
 252 100
 254 86.1 52.2 78.2#
 126 128.6 11.4 17.2#



#83
 Chrysene
 Concen: 10.901 ng
 RT: 21.586 min Scan# 3128
 Delta R.T. -0.035 min
 Lab File: BM042411.D
 Acq: 23 Oct 2023 20:35

Tgt Ion:228 Resp: 7052
 Ion Ratio Lower Upper
 228 100
 226 112.2 24.6 36.8#
 229 183.3 15.7 23.5#

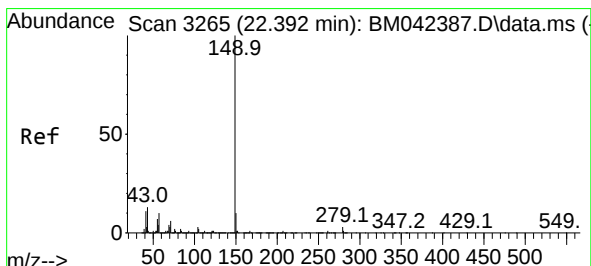
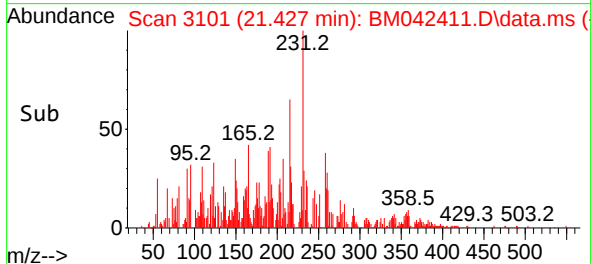
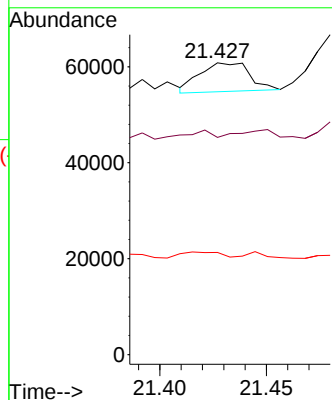
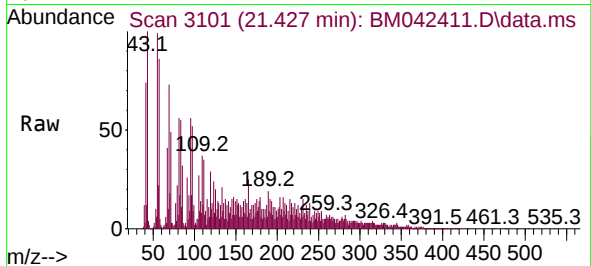




#84
Bis(2-ethylhexyl)phthalate
Concen: 23.443 ng
RT: 21.427 min Scan# 3104
Delta R.T. -0.018 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

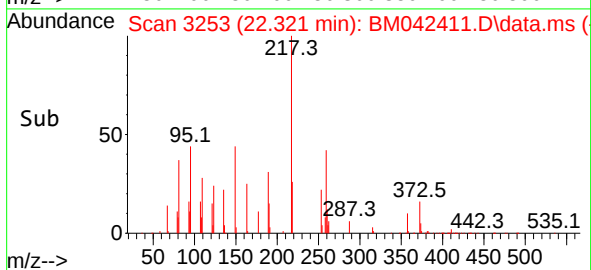
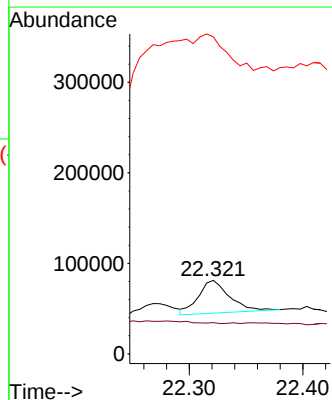
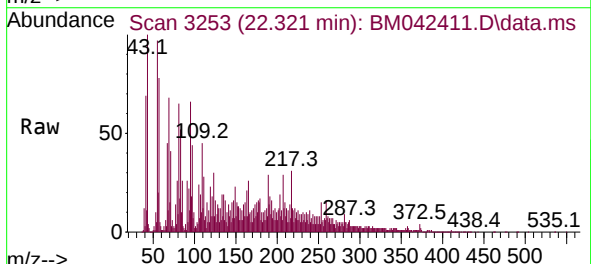
Instrument :
BNA_M
ClientSampleId :

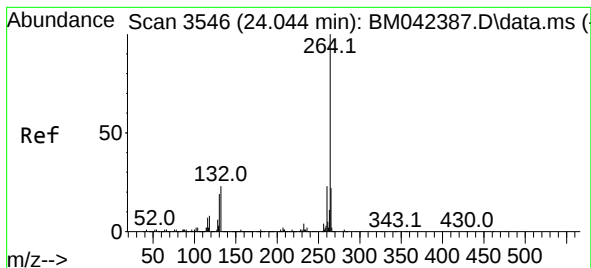
Tgt Ion:149 Resp: 9768
Ion Ratio Lower Upper
149 100
167 74.4 20.9 31.3#
279 35.0 2.7 4.1#



#85
Di-n-octyl phthalate
Concen: 85.578 ng
RT: 22.321 min Scan# 3253
Delta R.T. -0.071 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion:149 Resp: 69555
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 806.4 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.086 min Scan# 3

Delta R.T. 0.041 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Instrument :

BNA_M

ClientSampleId :

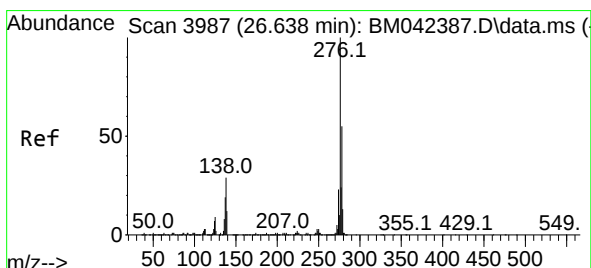
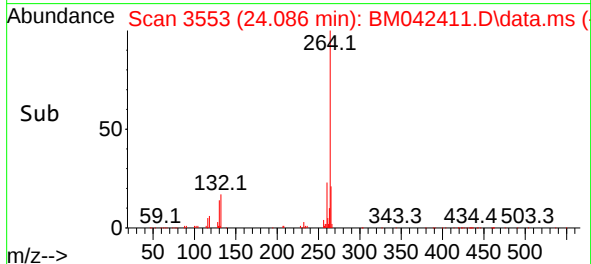
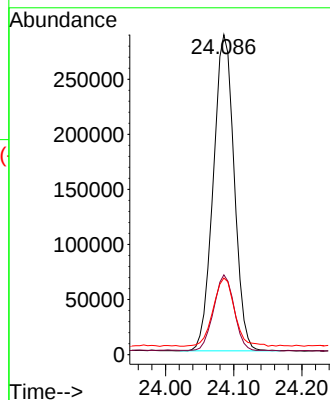
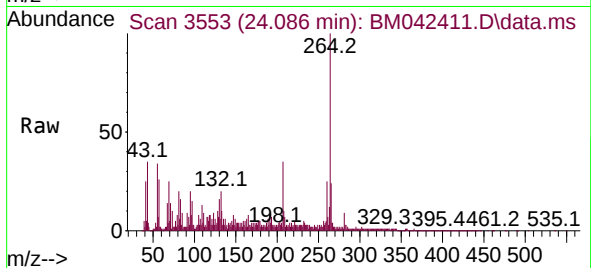
Tgt Ion:264 Resp: 608611

Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 23.9 17.8 26.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.569 ng

RT: 26.650 min Scan# 3989

Delta R.T. 0.012 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

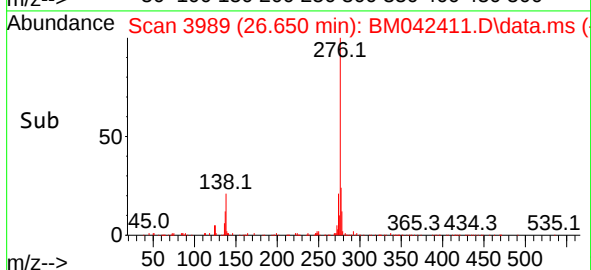
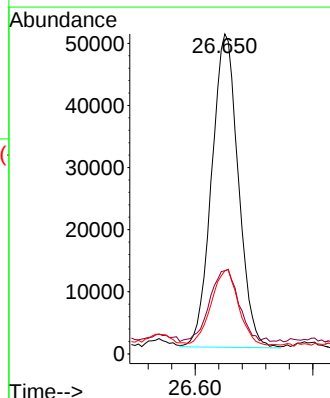
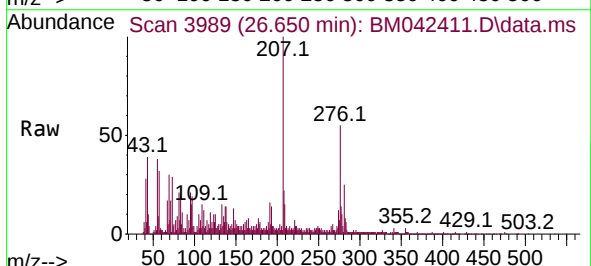
Tgt Ion:276 Resp: 158758

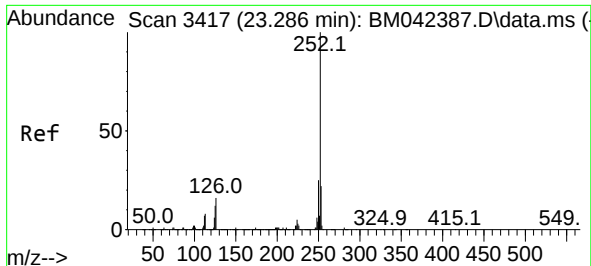
Ion Ratio Lower Upper

276 100

138 24.7 25.6 38.4#

277 24.4 20.0 30.0

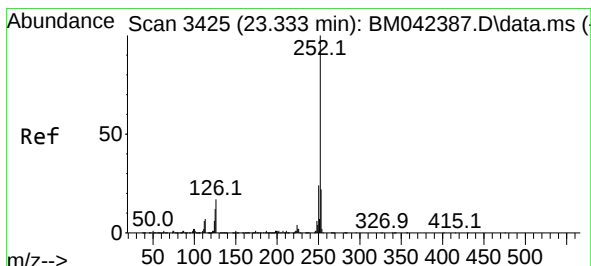
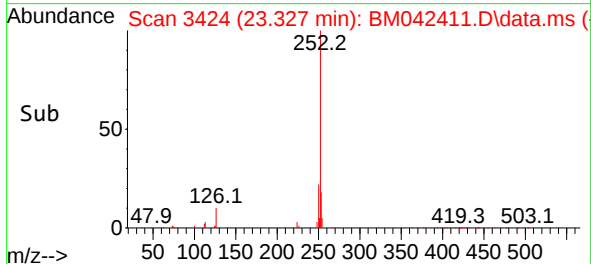
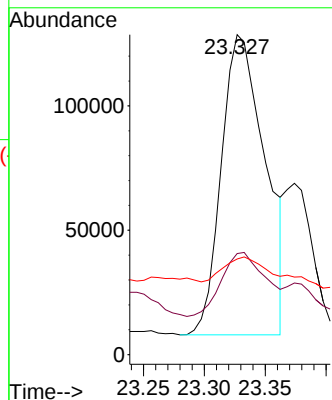
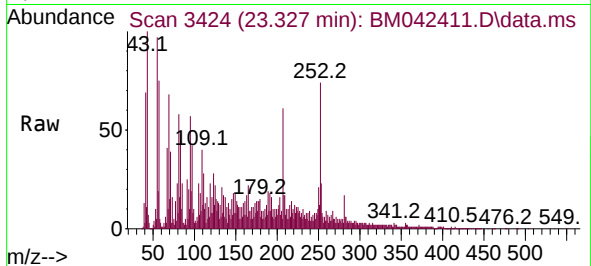




#88
Benzo(b)fluoranthene
Concen: 8.232 ng
RT: 23.327 min Scan# 3417
Delta R.T. 0.041 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

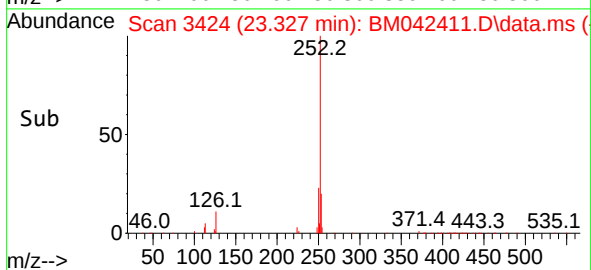
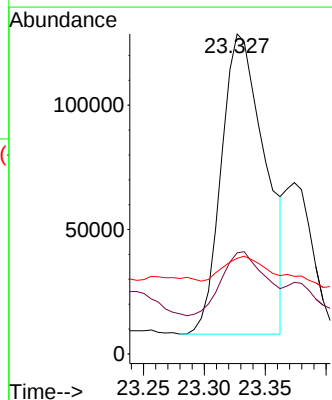
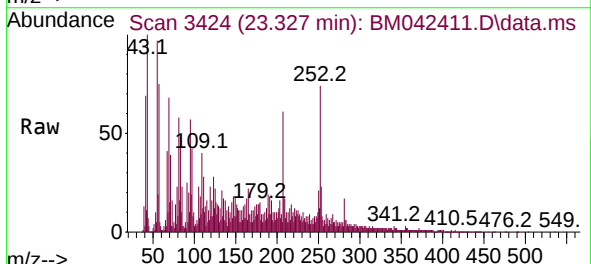
Instrument :
BNA_M
ClientSampleId :

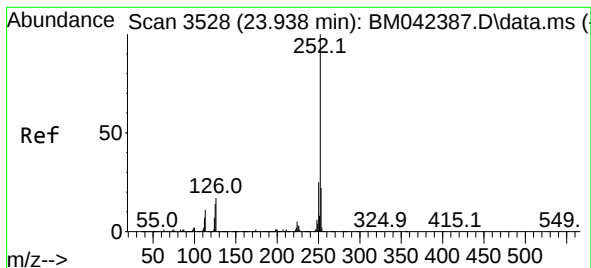
Tgt Ion:252 Resp: 301587
Ion Ratio Lower Upper
252 100
253 31.6 18.0 27.0#
125 29.9 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 7.929 ng
RT: 23.327 min Scan# 3424
Delta R.T. -0.006 min
Lab File: BM042411.D
Acq: 23 Oct 2023 20:35

Tgt Ion:252 Resp: 301587
Ion Ratio Lower Upper
252 100
253 31.6 17.9 26.9#
125 29.9 10.2 15.2#





#90

Benzo(a)pyrene

Concen: 4.529 ng

RT: 23.974 min Scan# 31

Delta R.T. 0.035 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Instrument :

BNA_M

ClientSampleId :

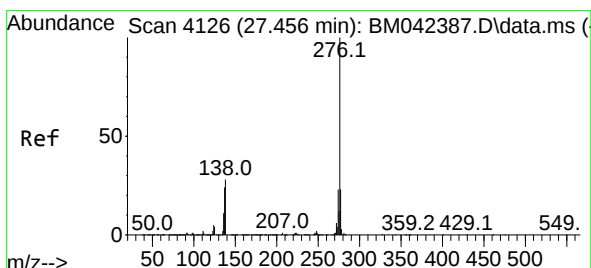
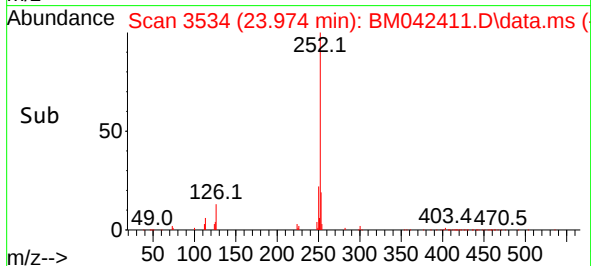
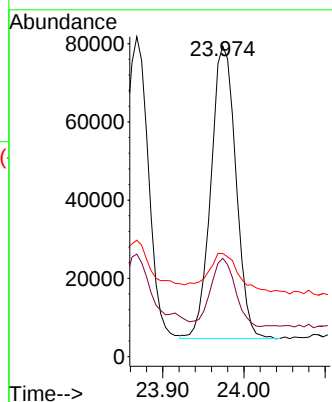
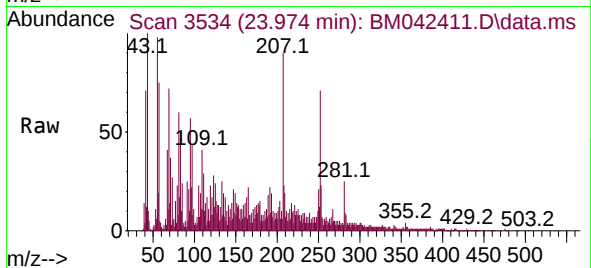
Tgt Ion:252 Resp: 159704

Ion Ratio Lower Upper

252 100

253 31.7 17.9 26.9#

125 33.2 10.9 16.3#



#92

Benzo(g,h,i)perylene

Concen: 4.487 ng

RT: 27.462 min Scan# 4127

Delta R.T. 0.006 min

Lab File: BM042411.D

Acq: 23 Oct 2023 20:35

Tgt Ion:276 Resp: 161155

Ion Ratio Lower Upper

276 100

277 27.0 18.3 27.5

138 28.1 22.6 34.0

