

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042431.D
 Acq On : 24 Oct 2023 22:09
 Operator : MA/JU
 Sample : 04841-02 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 25 02:14:56 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	129343	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	532629	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	332386	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	691173	20.000	ng	0.00
76) Chrysene-d12	21.580	240	532659	20.000	ng	0.00
86) Perylene-d12	24.050	264	609682	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	422033	46.115	ng	0.00
7) Phenol-d6	7.145	99	551739	44.987	ng	0.00
23) Nitrobenzene-d5	9.192	82	345840	28.712	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	195778	58.785	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	703736	28.511	ng	0.00
79) Terphenyl-d14	20.009	244	905470	30.148	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.828	139	87	2.725	ng	# 1
31) Naphthalene	10.869	128	237055	8.665	ng	100
32) Benzoic acid	10.075	122	251	5.360	ng	# 1
35) Caprolactam	11.816	113	55	5.946	ng	# 1
37) 2-Methylnaphthalene	12.469	142	75235	4.085	ng	96
38) 1-Methylnaphthalene	12.692	142	736133	42.667	ng	98
48) 2-Nitroaniline	13.798	65	11536	4.887	ng	# 31
49) Acenaphthylene	14.374	152	2438426	78.076	ng	99
51) 2,6-Dinitrotoluene	14.316	165	1133	3.081	ng	# 63
52) Acenaphthene	14.704	154	377489	19.992	ng	99
53) 3-Nitroaniline	14.604	138	689	3.364	ng	# 32
54) 2,4-Dinitrophenol	14.780	184	424	8.280	ng	# 1
55) Dibenzofuran	15.039	168	350015	11.720	ng	98
56) 4-Nitrophenol	14.839	139	12389	2.495	ng	# 45
57) 2,4-Dinitrotoluene	15.021	165	10931	5.422	ng	# 52
58) Fluorene	15.692	166	1109716	47.089	ng	99
62) 4-Nitroaniline	15.692	138	12676	5.665	ng	# 23
65) 4,6-Dinitro-2-methylph...	15.798	198	995	6.282	ng	# 1
70) Pentachlorophenol	17.039	266	165	6.013	ng	# 19
71) Phenanthrene	17.451	178	8624219	229.367	ng	99
72) Anthracene	17.533	178	3168722	85.093	ng	99
74) Di-n-butylphthalate	18.321	149	9246	3.014	ng	# 1
75) Fluoranthene	19.456	202	5488359	132.535	ng	96
78) Pyrene	19.827	202	7747211	208.136	ng	99
80) Butylbenzylphthalate	20.697	149	844	3.305	ng	# 4
81) Benzo(a)anthracene	21.568	228	3532854	98.936	ng	92
83) Chrysene	21.621	228	3039212	88.616	ng	95
84) Bis(2-ethylhexyl)phtha...	21.439	149	10590	3.779	ng	# 60
85) Di-n-octyl phthalate	22.386	149	2460	4.273	ng	# 69
87) Indeno(1,2,3-cd)pyrene	26.650	276	1368238	30.709	ng	# 91
88) Benzo(b)fluoranthene	23.297	252	3601952	98.150	ng	98
89) Benzo(k)fluoranthene	23.297	252	3601952	94.537	ng	98
90) Benzo(a)pyrene	23.833	252	1693498	47.944	ng	99
91) Dibenzo(a,h)anthracene	26.656	278	438433	11.835	ng	# 74
92) Benzo(g,h,i)perylene	27.468	276	1476032	41.028	ng	93

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

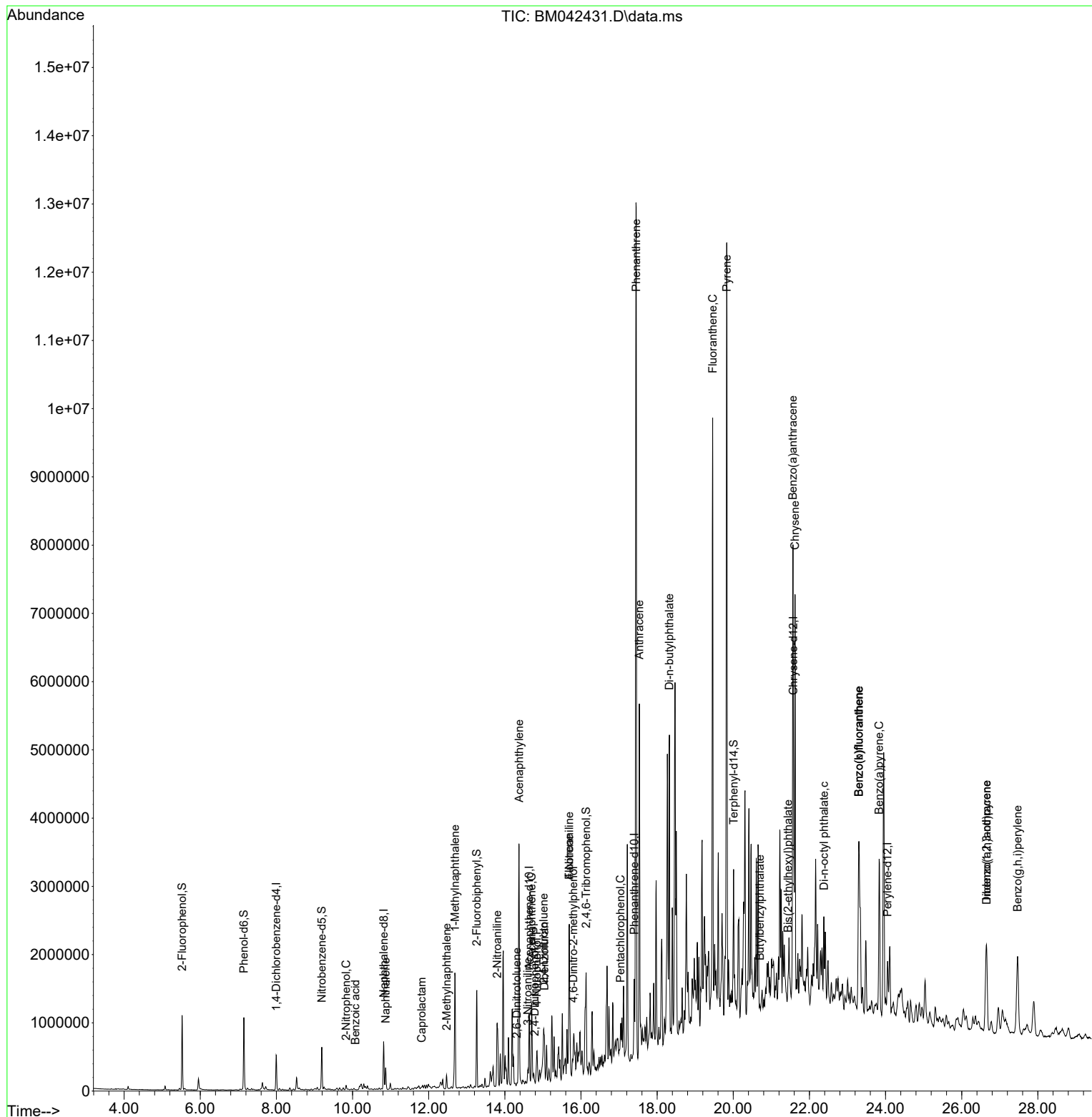
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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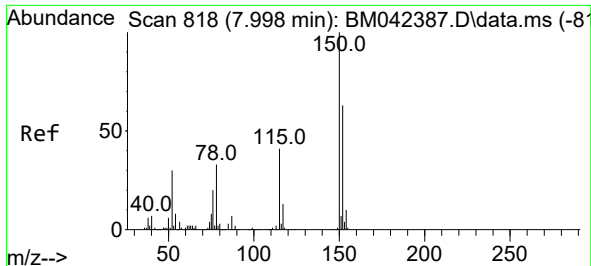
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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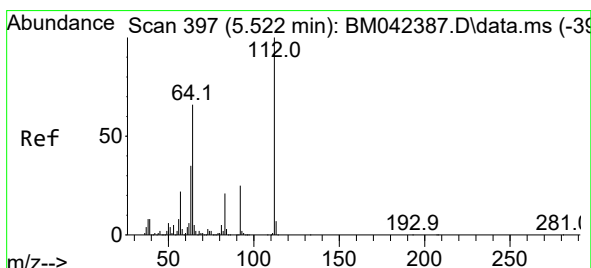
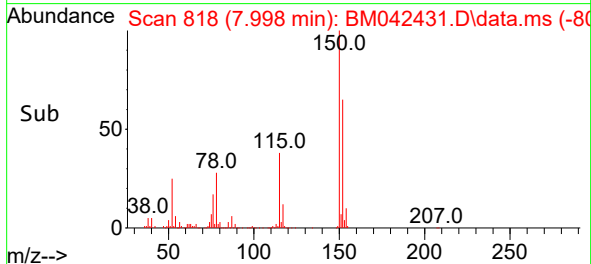
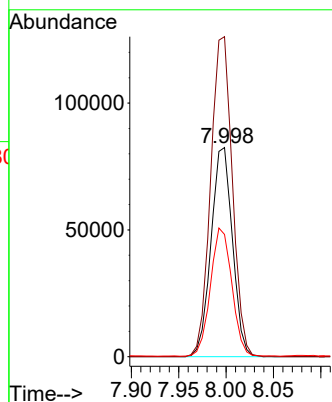
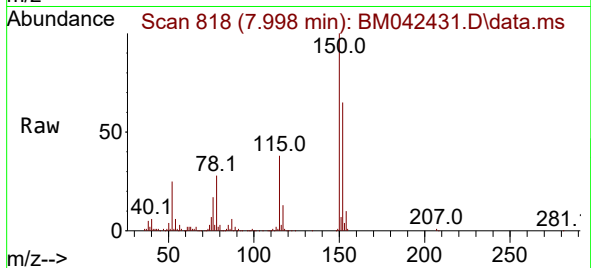




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

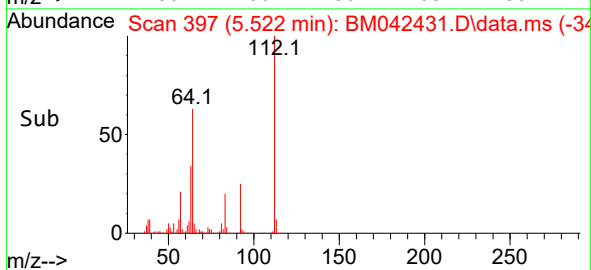
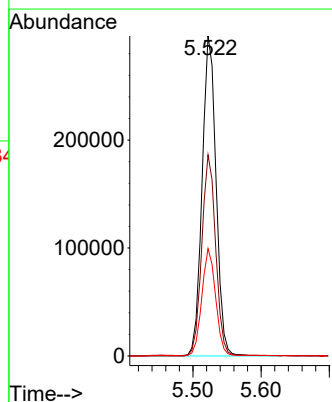
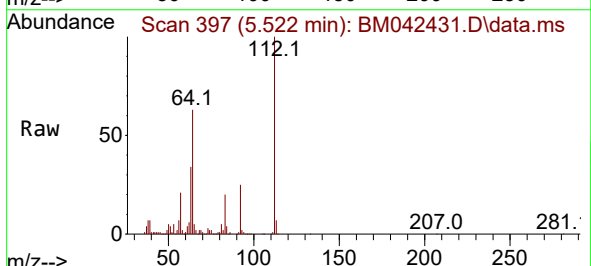
Instrument :
BNA_M
ClientSampleId :

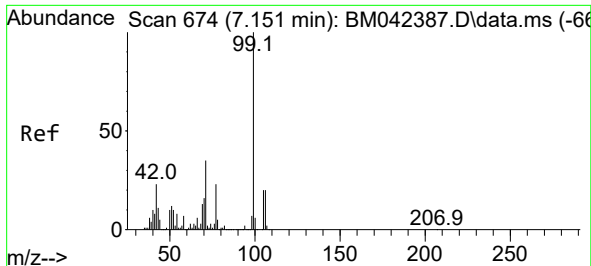
Tgt Ion:152 Resp: 129343
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.4
115 58.4 51.9 77.9



#5
2-Fluorophenol
Concen: 46.115 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion:112 Resp: 422033
Ion Ratio Lower Upper
112 100
64 62.9 52.7 79.1
63 33.5 28.3 42.5

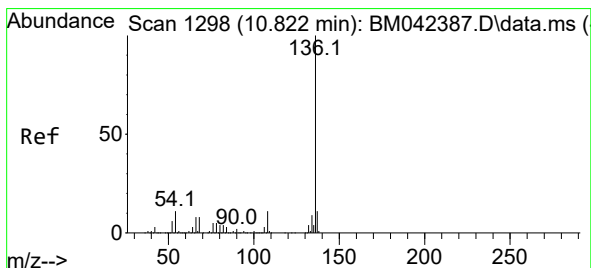
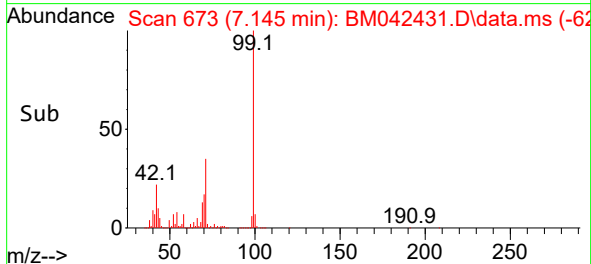
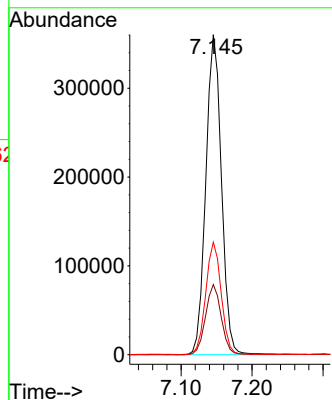
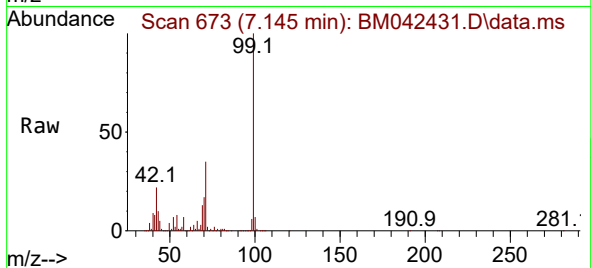




#7
Phenol-d6
Concen: 44.987 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

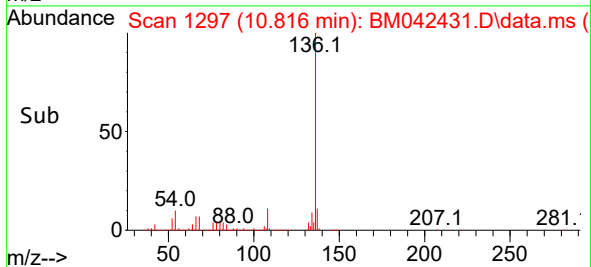
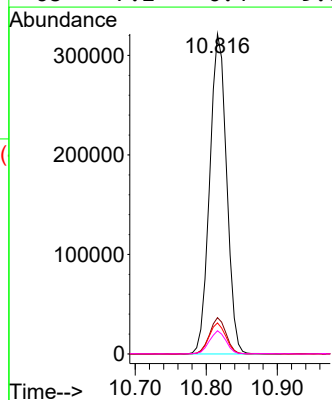
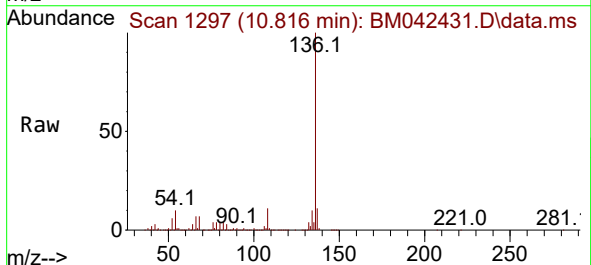
Instrument :
BNA_M
ClientSampleId :

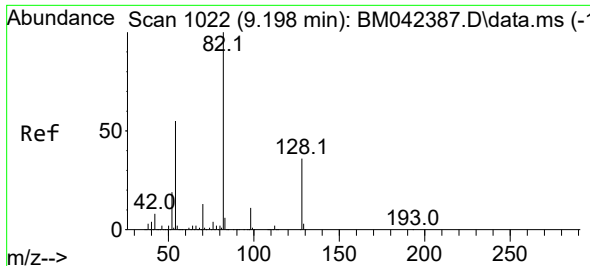
Tgt Ion: 99 Resp: 551739
Ion Ratio Lower Upper
99 100
42 21.9 18.5 27.7
71 35.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion: 136 Resp: 532629
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 9.7 8.6 12.8
68 7.2 6.4 9.6





#23

Nitrobenzene-d5

Concen: 28.712 ng

RT: 9.192 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :

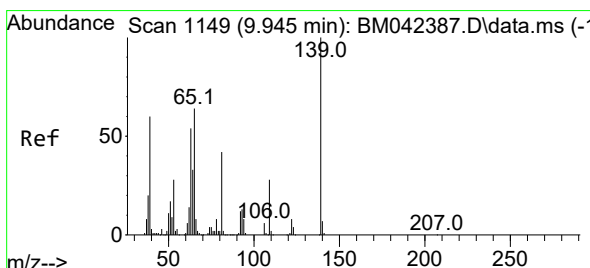
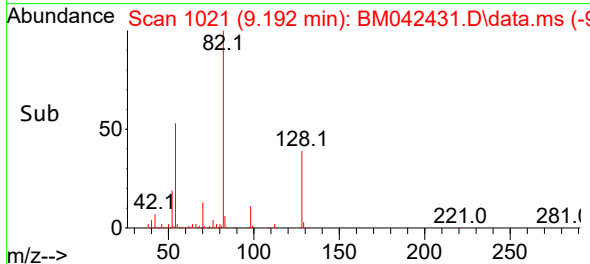
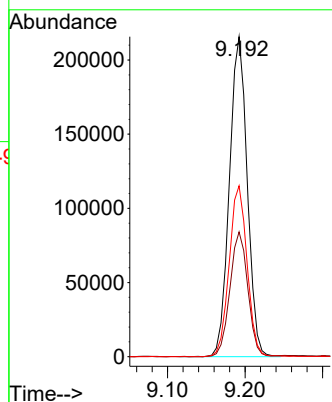
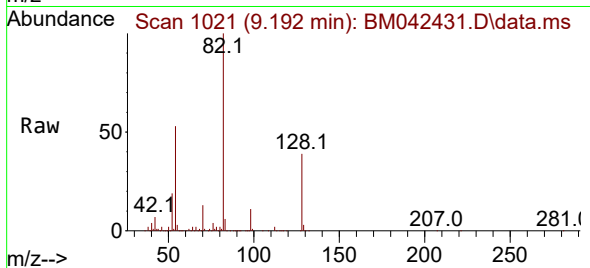
Tgt Ion: 82 Resp: 345840

Ion Ratio Lower Upper

82 100

128 39.0 29.0 43.6

54 53.4 43.7 65.5



#26

2-Nitrophenol

Concen: 2.725 ng

RT: 9.828 min Scan# 1129

Delta R.T. -0.117 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

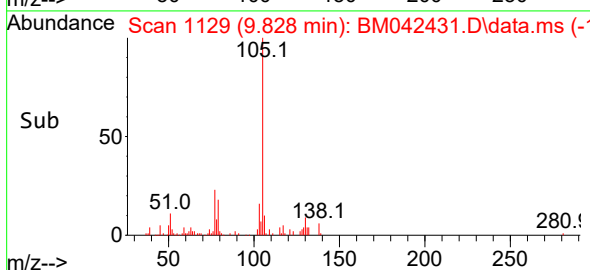
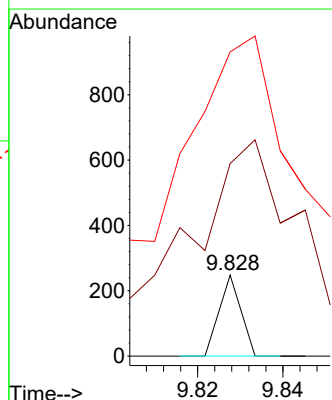
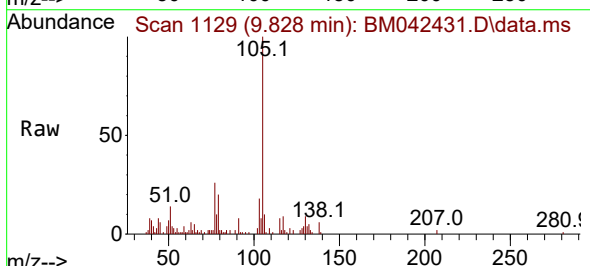
Tgt Ion: 139 Resp: 87

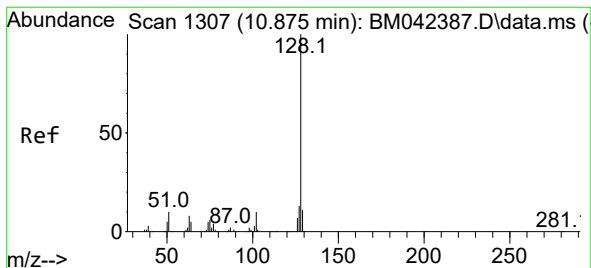
Ion Ratio Lower Upper

139 100

109 237.5 22.3 33.5#

65 375.4 51.1 76.7#

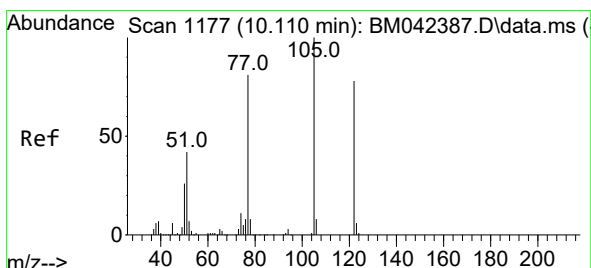
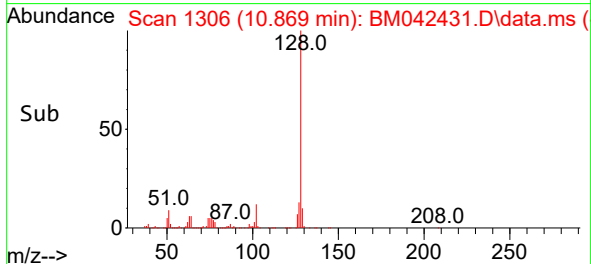
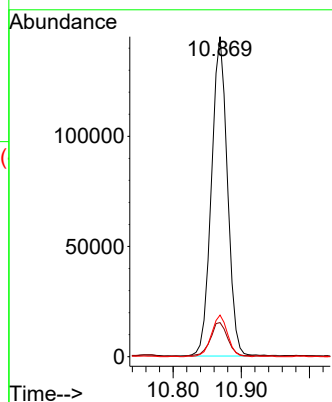
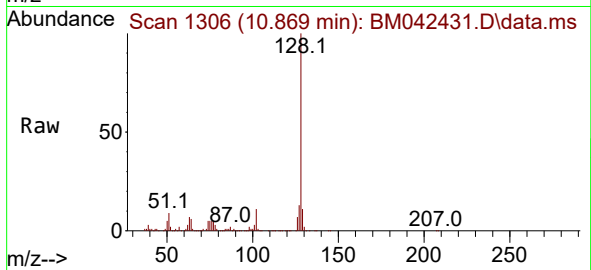




#31
Naphthalene
Concen: 8.665 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

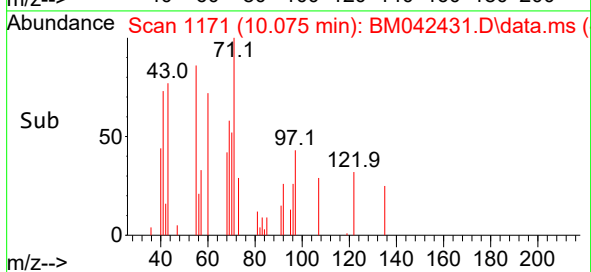
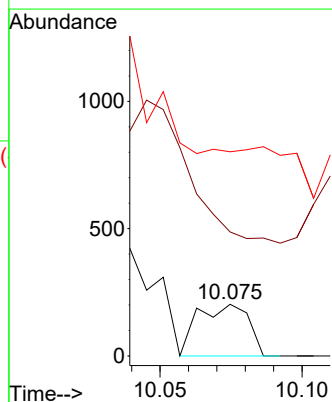
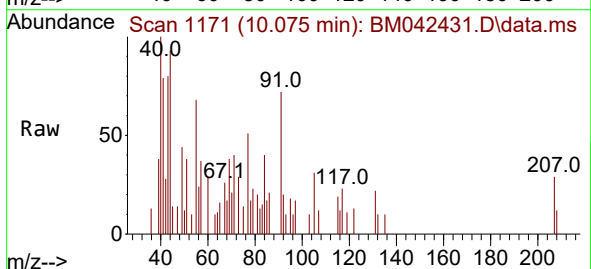
Instrument :
BNA_M
ClientSampleId :

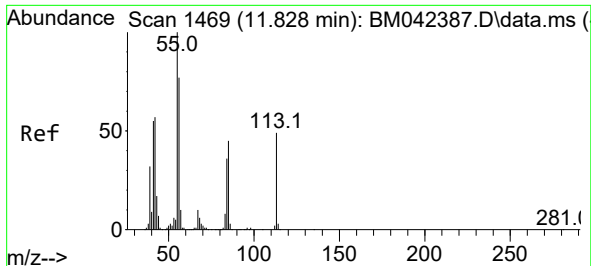
Tgt Ion:128 Resp: 237055
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 5.360 ng
RT: 10.075 min Scan# 1171
Delta R.T. -0.035 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion:122 Resp: 251
Ion Ratio Lower Upper
122 100
105 239.9 104.9 144.9#
77 395.1 83.4 123.4#

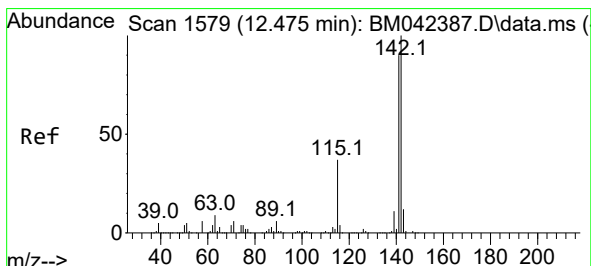
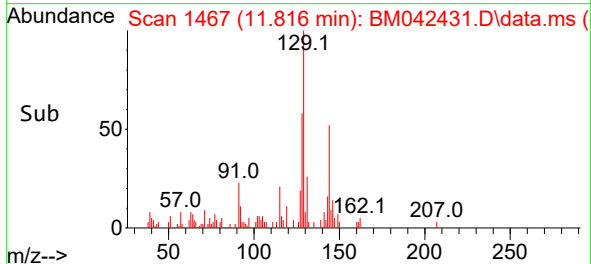
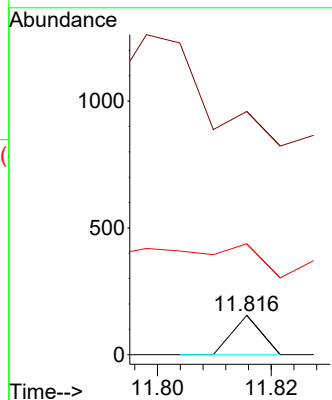
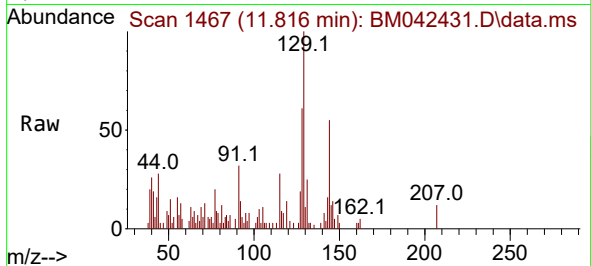




#35
Caprolactam
Concen: 5.946 ng
RT: 11.816 min Scan# 1469
Delta R.T. -0.012 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

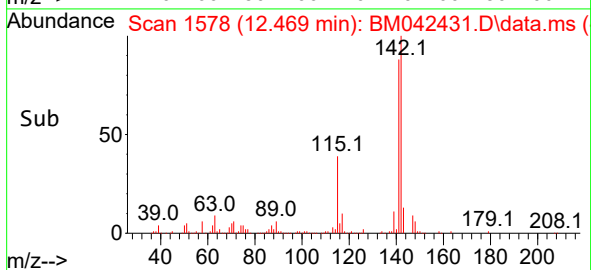
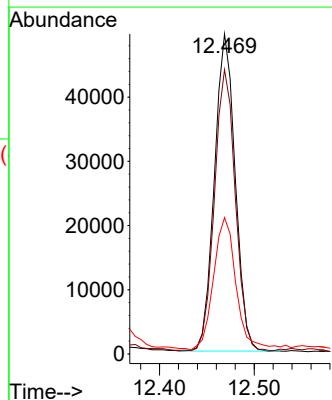
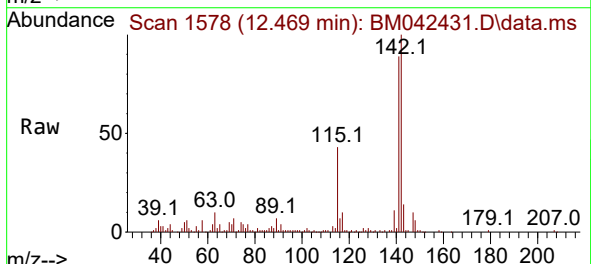
Instrument :
BNA_M
ClientSampleId :

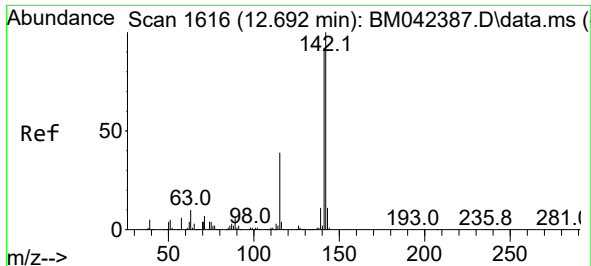
Tgt Ion:113 Resp: 55
Ion Ratio Lower Upper
113 100
55 618.7 185.6 225.6#
56 281.9 137.8 177.8#



#37
2-Methylnaphthalene
Concen: 4.085 ng
RT: 12.469 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion:142 Resp: 75235
Ion Ratio Lower Upper
142 100
141 88.8 72.0 108.0
115 42.6 29.4 44.2

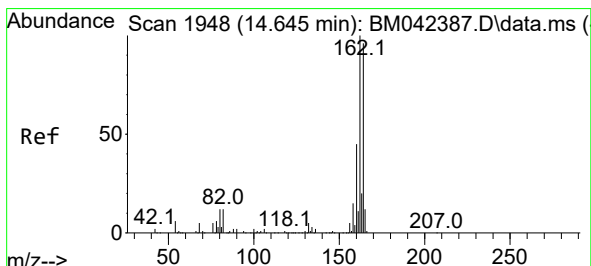
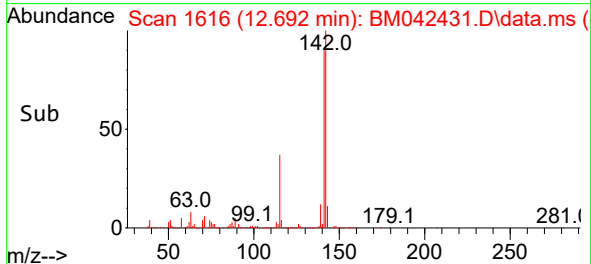
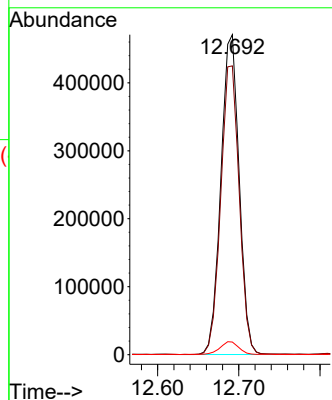
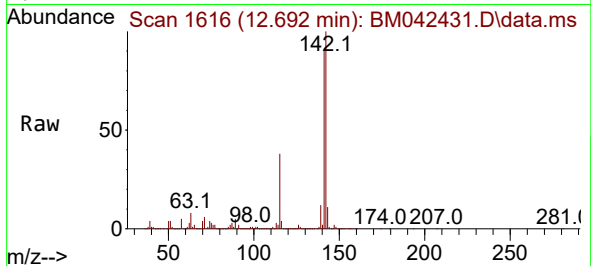




#38
1-Methylnaphthalene
Concen: 42.667 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

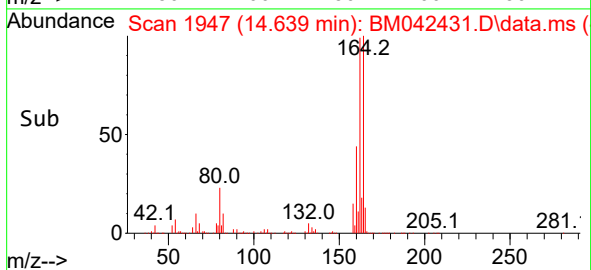
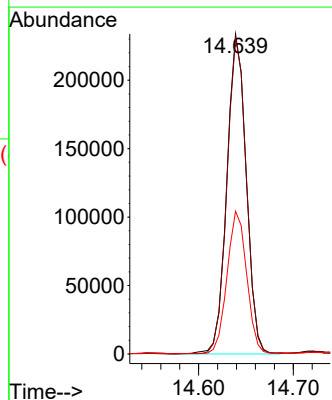
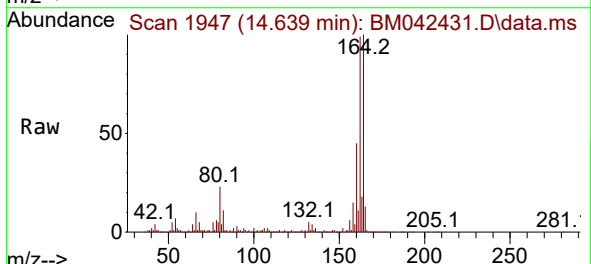
Instrument :
BNA_M
ClientSampleId :

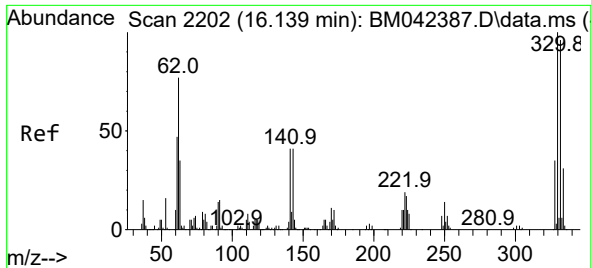
Tgt Ion:142 Resp: 736133
Ion Ratio Lower Upper
142 100
141 90.2 73.8 110.6
116 4.0 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

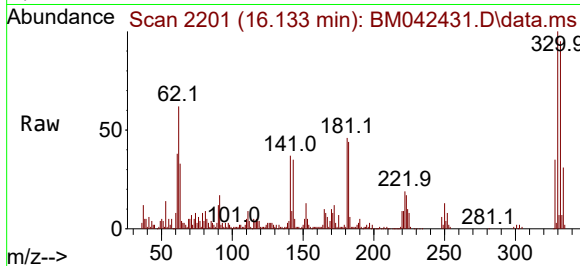
Tgt Ion:164 Resp: 332386
Ion Ratio Lower Upper
164 100
162 98.9 83.0 124.4
160 44.6 37.0 55.4



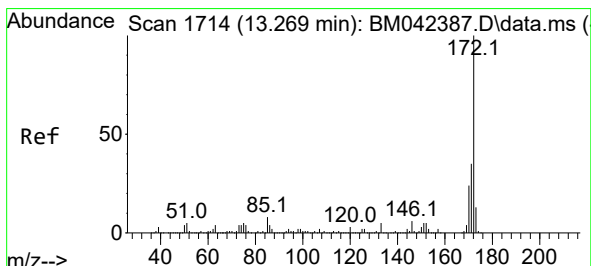
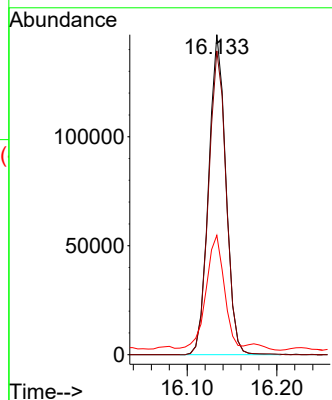
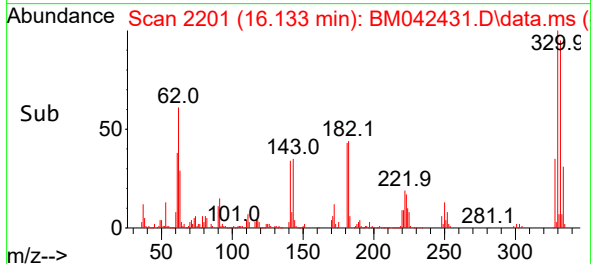


#42
2,4,6-Tribromophenol
Concen: 58.785 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Instrument :
BNA_M
ClientSampleId :

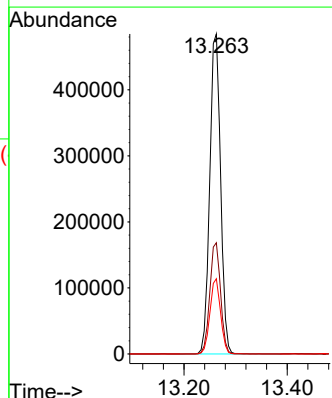
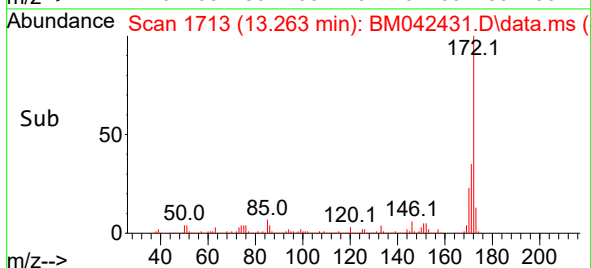
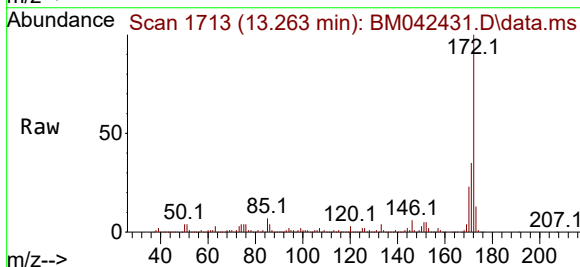


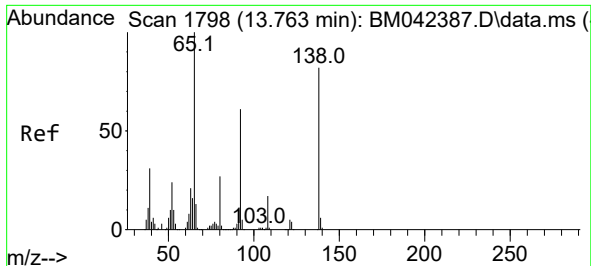
Tgt Ion:330 Resp: 195778
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 38.1 38.0 57.0



#45
2-Fluorobiphenyl
Concen: 28.511 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion:172 Resp: 703736
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 18.9 28.3

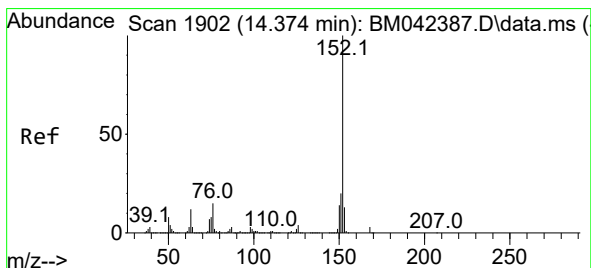
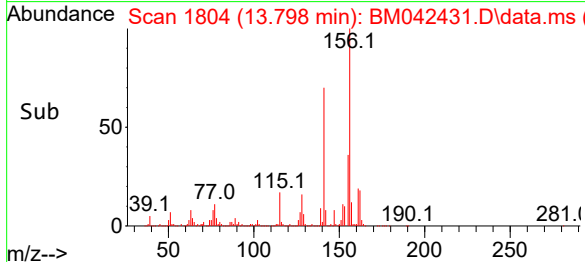
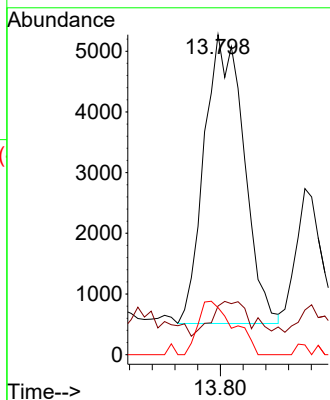
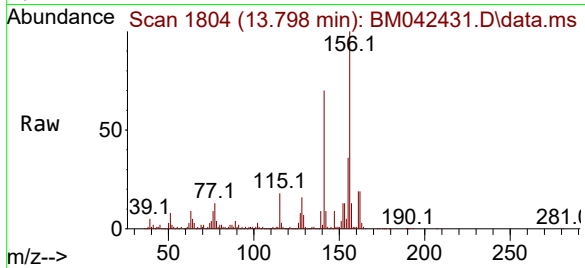




#48
2-Nitroaniline
Concen: 4.887 ng
RT: 13.798 min Scan# 1804
Delta R.T. 0.035 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

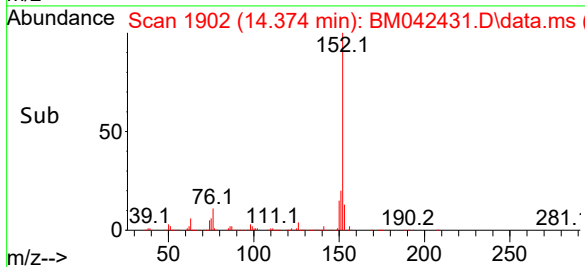
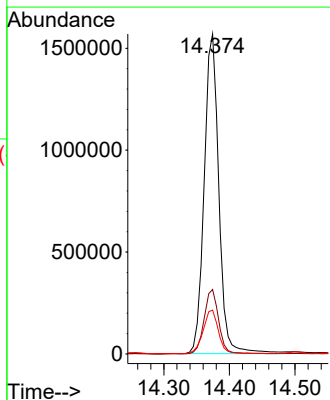
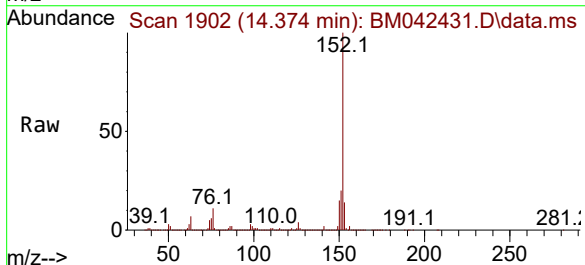
Instrument :
BNA_M
ClientSampleId :

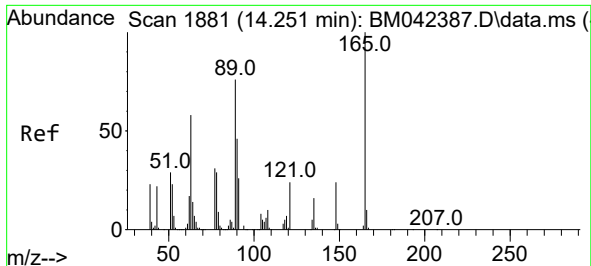
Tgt Ion: 65 Resp: 11536
Ion Ratio Lower Upper
65 100
92 15.2 49.0 73.6#
138 14.7 65.5 98.3#



#49
Acenaphthylene
Concen: 78.076 ng
RT: 14.374 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion:152 Resp: 2438426
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.7 10.5 15.7

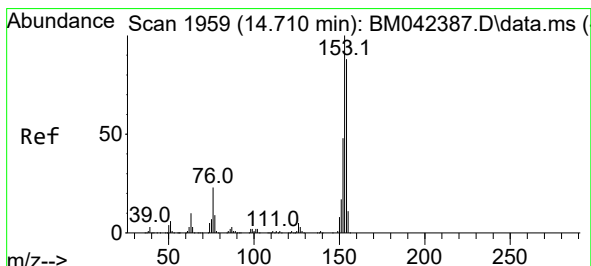
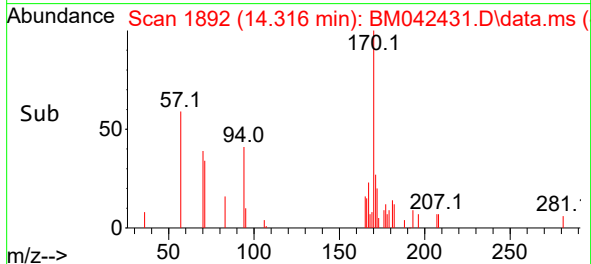
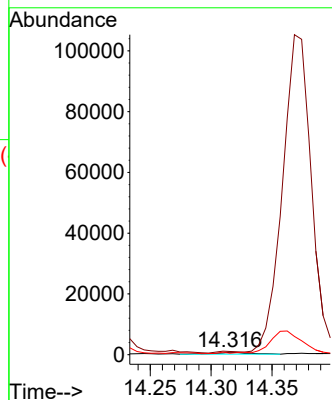
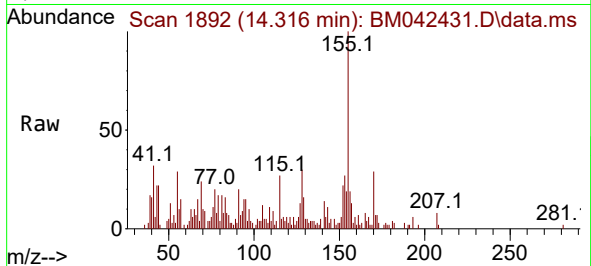




#51
2,6-Dinitrotoluene
Concen: 3.081 ng
RT: 14.316 min Scan# 1881
Delta R.T. 0.065 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

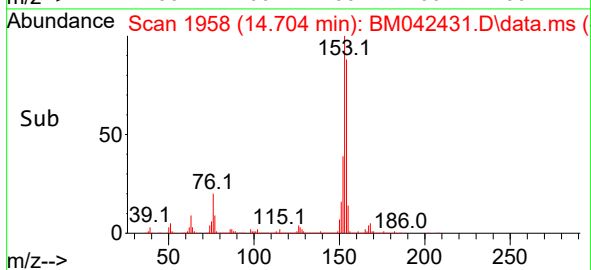
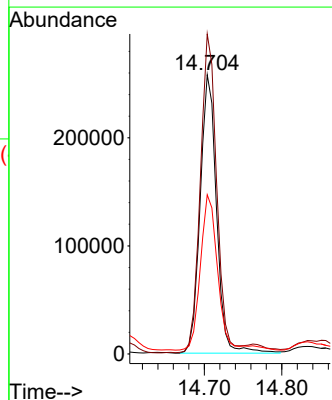
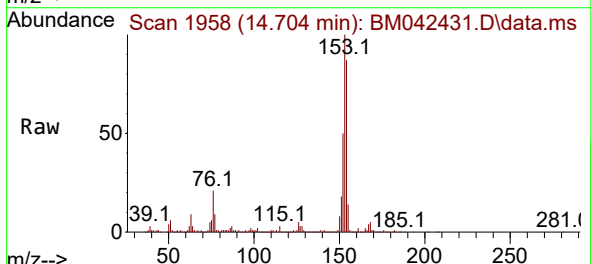
Instrument :
BNA_M
ClientSampleId :

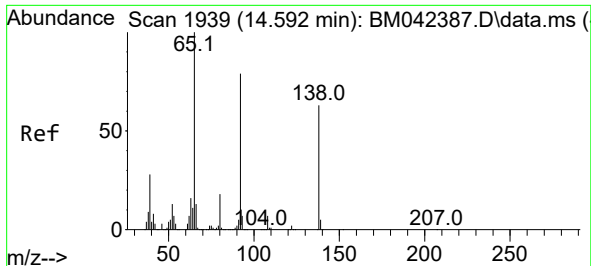
Tgt Ion:165 Resp: 1133
Ion Ratio Lower Upper
165 100
63 133.9 65.3 97.9#
89 64.7 60.6 91.0



#52
Acenaphthene
Concen: 19.992 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion:154 Resp: 377489
Ion Ratio Lower Upper
154 100
153 114.6 91.1 136.7
152 57.0 44.0 66.0

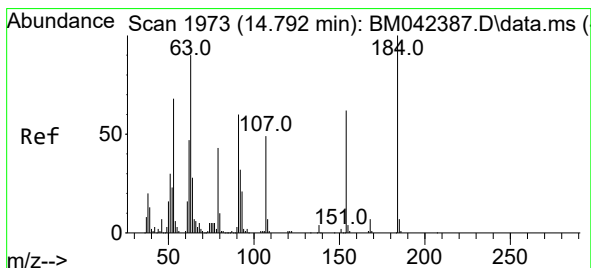
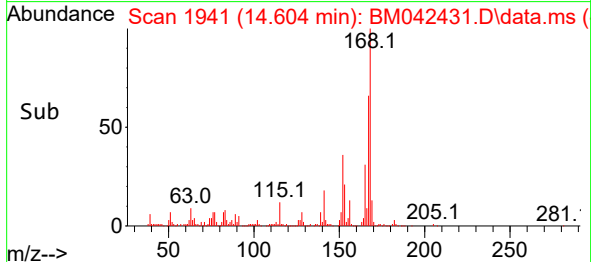
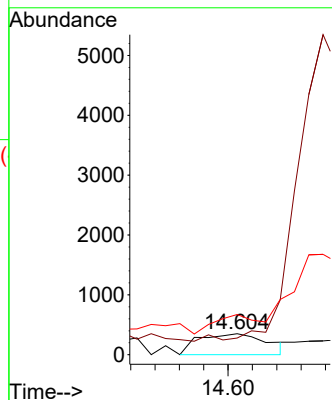
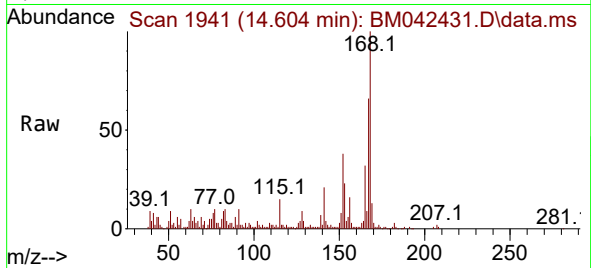




#53
3-Nitroaniline
Concen: 3.364 ng
RT: 14.604 min Scan# 1939
Delta R.T. 0.012 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

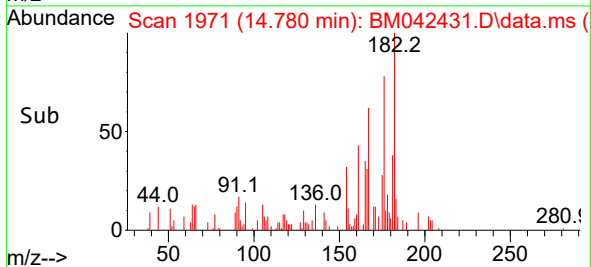
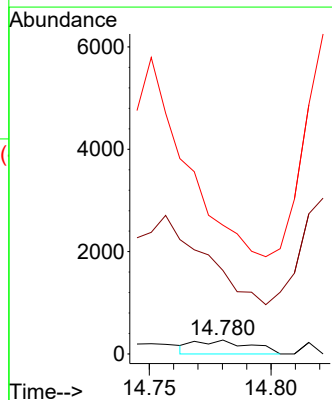
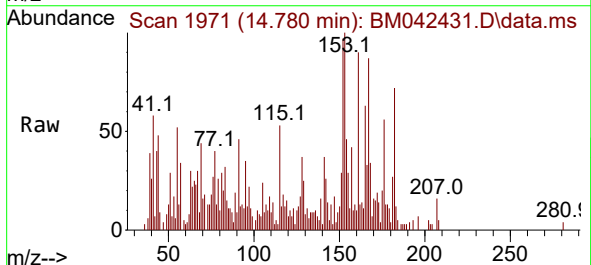
Instrument :
BNA_M
ClientSampleId :

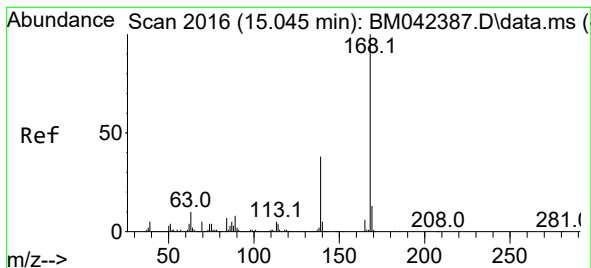
Tgt Ion:138 Resp: 689
Ion Ratio Lower Upper
138 100
108 79.7 8.3 12.5#
92 192.0 100.6 151.0#



#54
2,4-Dinitrophenol
Concen: 8.280 ng
RT: 14.780 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion:184 Resp: 424
Ion Ratio Lower Upper
184 100
63 602.2 72.2 108.2#
154 928.8 49.6 74.4#





#55

Dibenzenofuran

Concen: 11.720 ng

RT: 15.039 min Scan# 2016

Delta R.T. -0.006 min

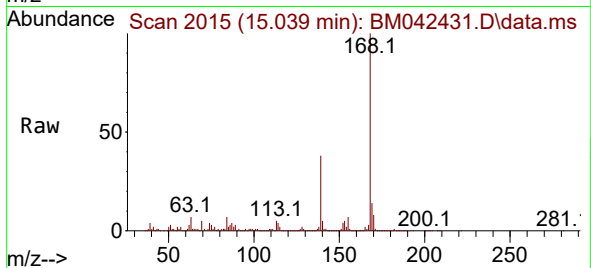
Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :



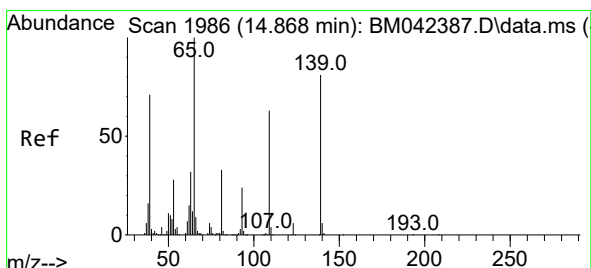
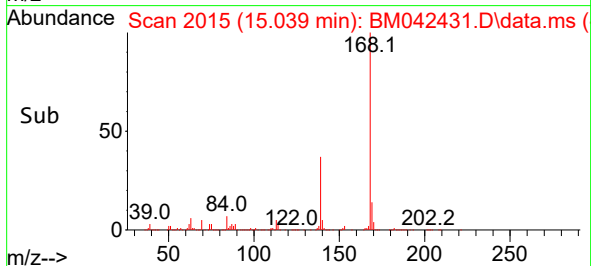
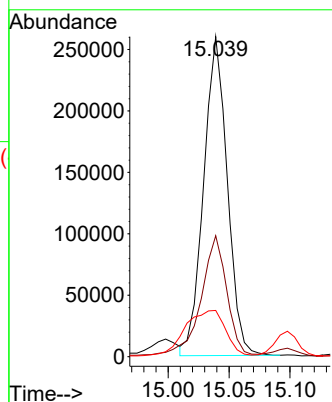
Tgt Ion:168 Resp: 350015

Ion Ratio Lower Upper

168 100

139 37.8 30.6 46.0

169 14.4 10.4 15.6



#56

4-Nitrophenol

Concen: 2.495 ng

RT: 14.839 min Scan# 1981

Delta R.T. -0.029 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

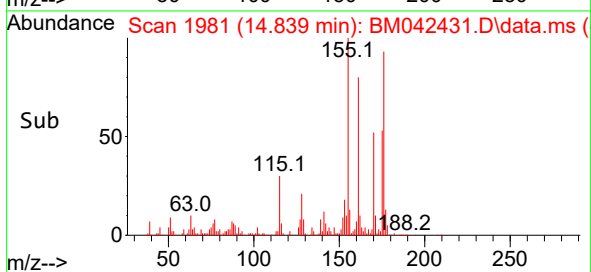
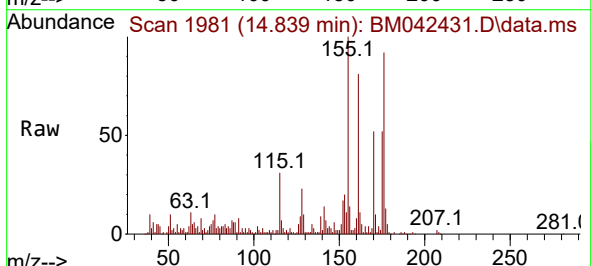
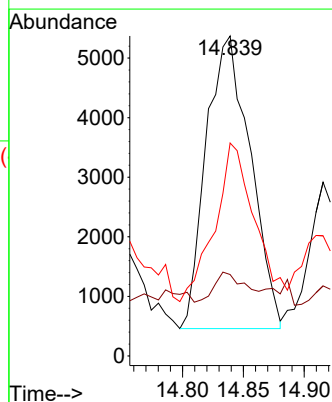
Tgt Ion:139 Resp: 12389

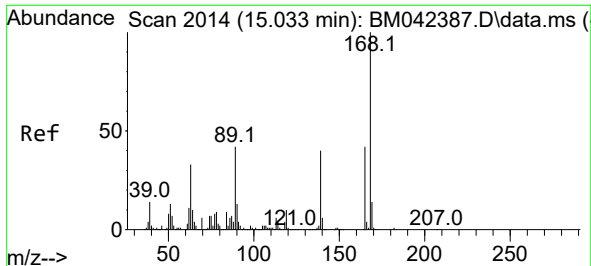
Ion Ratio Lower Upper

139 100

109 25.4 58.0 98.0#

65 66.6 104.2 144.2#





#57

2,4-Dinitrotoluene

Concen: 5.422 ng

RT: 15.021 min Scan# 2014

Delta R.T. -0.012 min

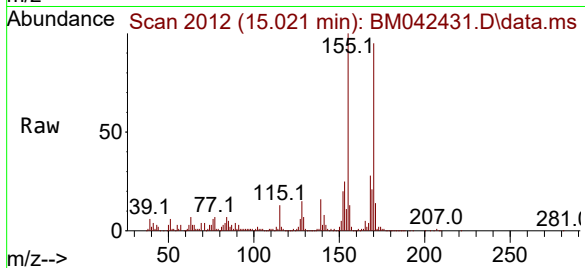
Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:165 Resp: 10931

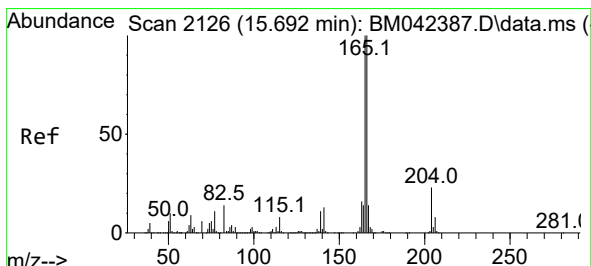
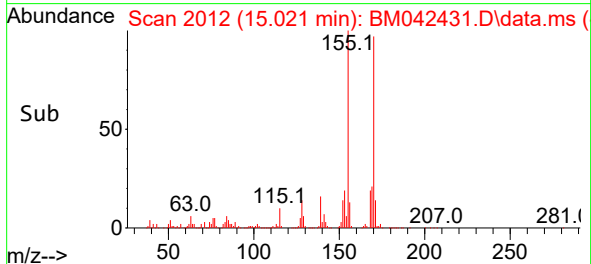
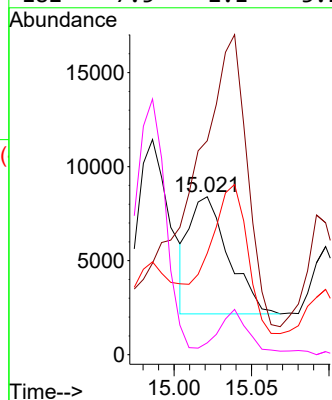
Ion Ratio Lower Upper

165 100

63 135.4 62.9 94.3#

89 64.2 80.2 120.2#

182 7.5 2.1 3.1#



#58

Fluorene

Concen: 47.089 ng

RT: 15.692 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

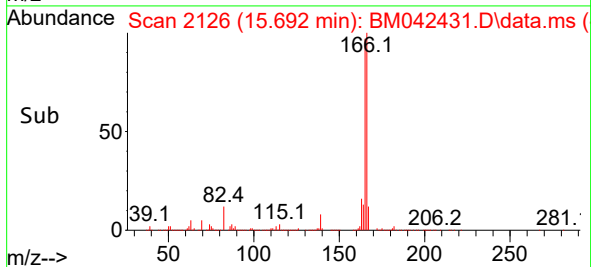
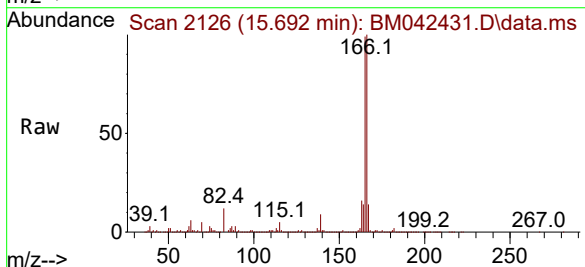
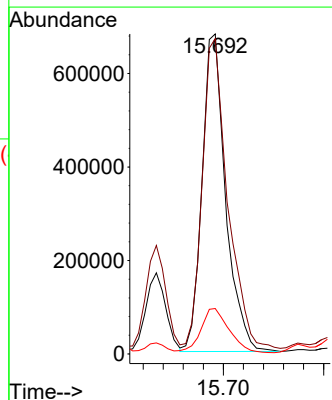
Tgt Ion:166 Resp: 1109716

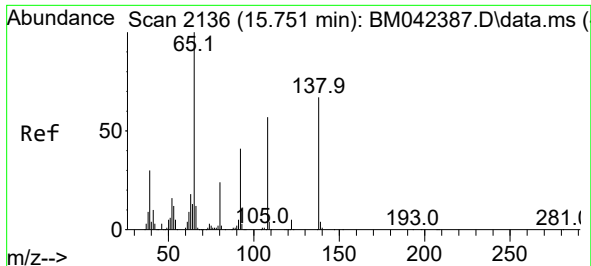
Ion Ratio Lower Upper

166 100

165 98.5 79.6 119.4

167 14.2 10.9 16.3

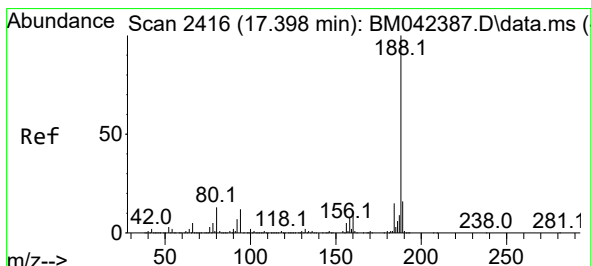
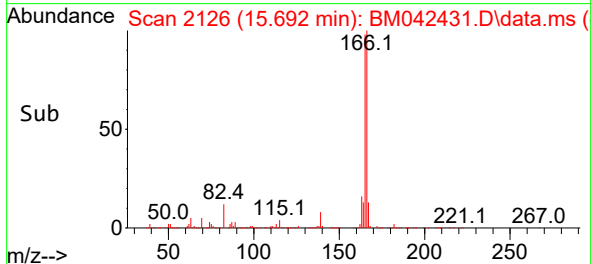
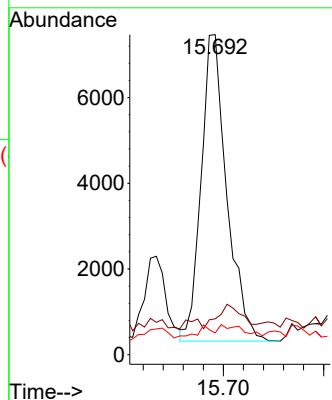
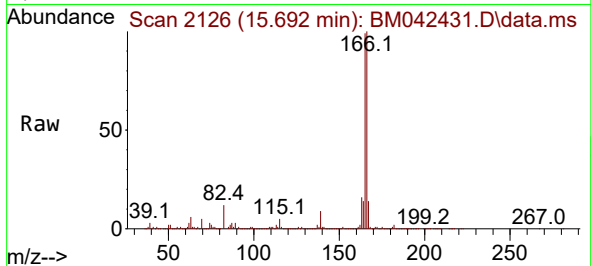




#62
4-Nitroaniline
Concen: 5.665 ng
RT: 15.692 min Scan# 2136
Delta R.T. -0.059 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

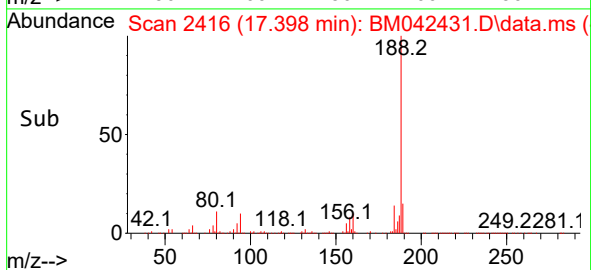
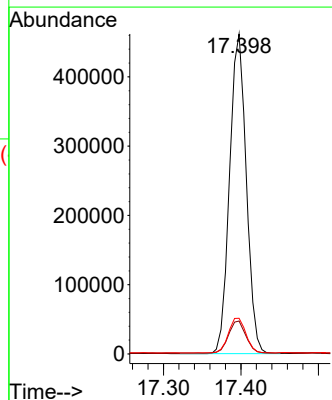
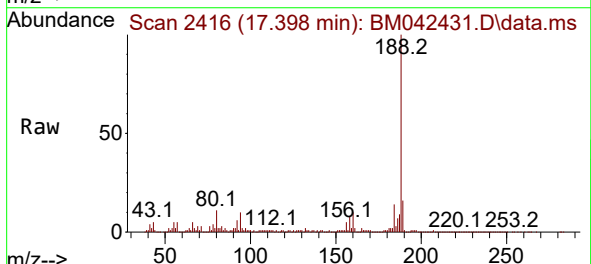
Instrument :
BNA_M
ClientSampleId :

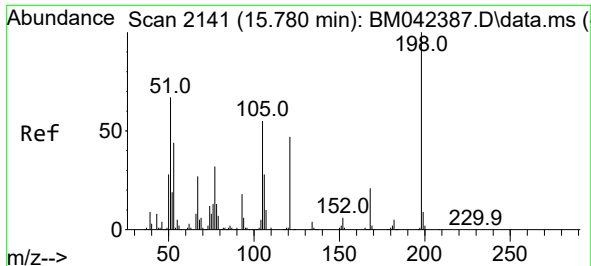
Tgt Ion:138 Resp: 12676
Ion Ratio Lower Upper
138 100
92 11.2 40.4 80.4#
108 6.8 65.3 105.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.398 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion:188 Resp: 691173
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.0
80 11.2 10.7 16.1

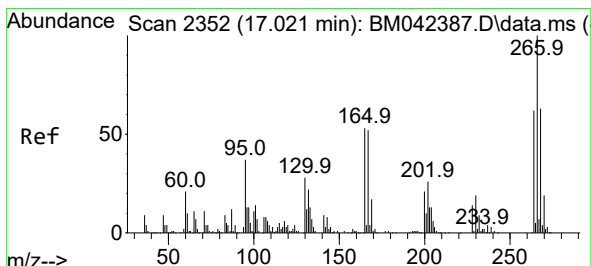
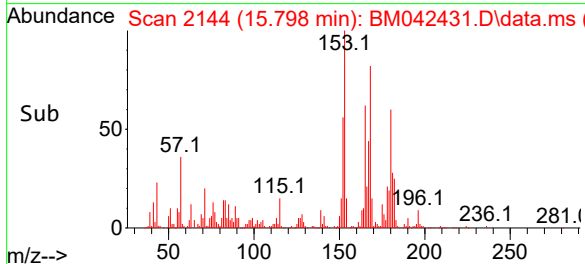
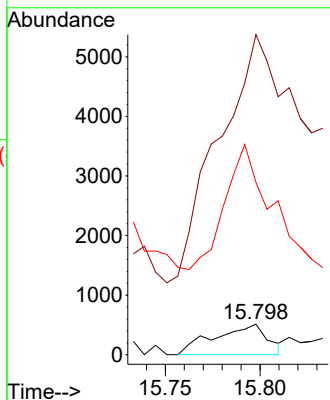
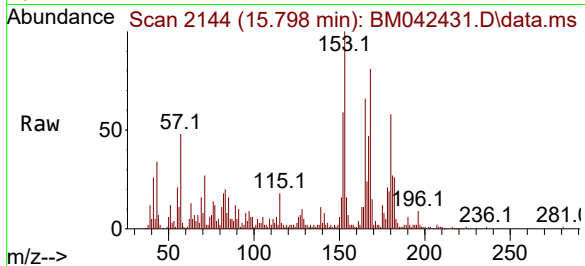




#65
4,6-Dinitro-2-methylphenol
Concen: 6.282 ng
RT: 15.798 min Scan# 2141
Delta R.T. 0.018 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

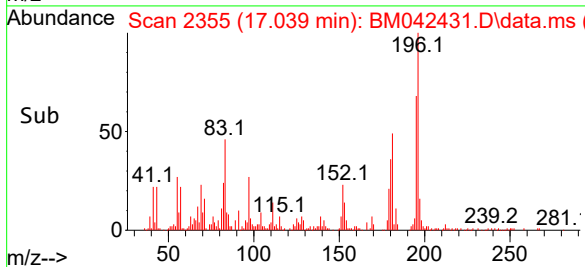
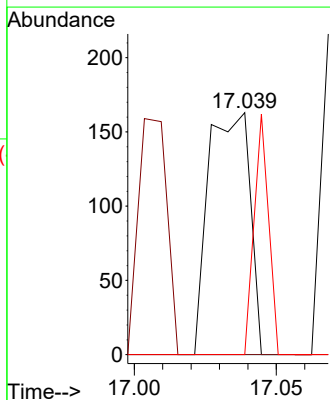
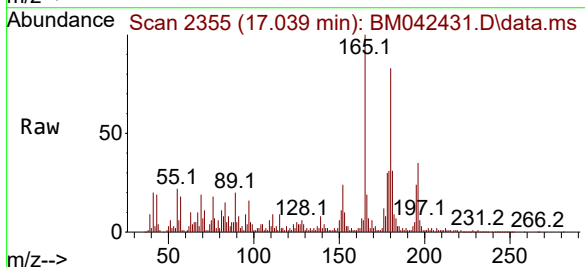
Instrument :
BNA_M
ClientSampleId :

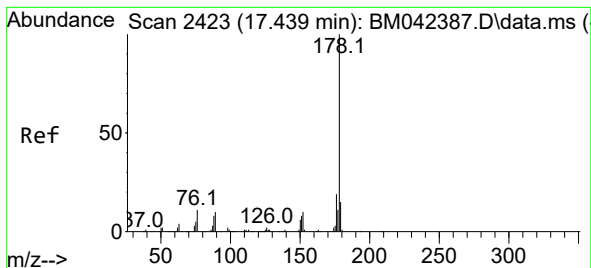
Tgt Ion:198 Resp: 995
Ion Ratio Lower Upper
198 100
51 1045.1 54.1 94.1#
105 562.6 35.9 75.9#



#70
Pentachlorophenol
Concen: 6.013 ng
RT: 17.039 min Scan# 2355
Delta R.T. 0.018 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion:266 Resp: 165
Ion Ratio Lower Upper
266 100
268 0.0 50.6 76.0#
264 0.0 49.4 74.0#





#71

Phenanthrene

Concen: 229.367 ng

RT: 17.451 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :

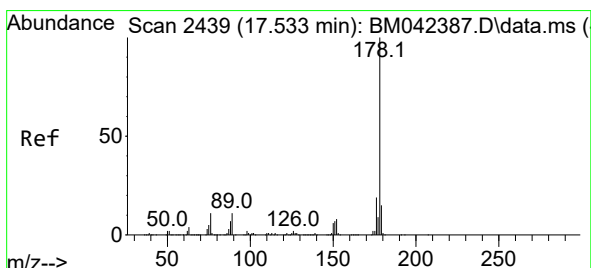
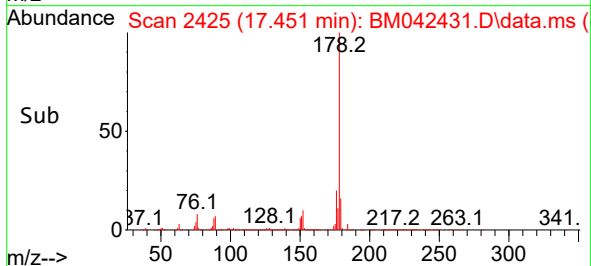
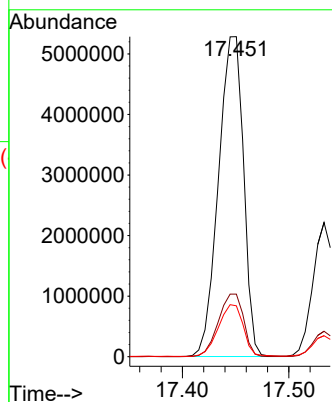
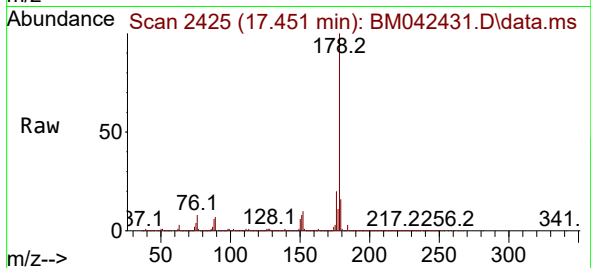
Tgt Ion:178 Resp: 8624219

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.9 12.3 18.5



#72

Anthracene

Concen: 85.093 ng

RT: 17.533 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

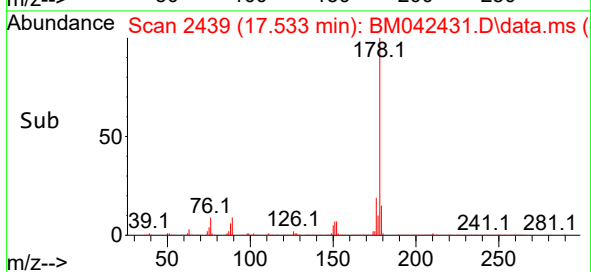
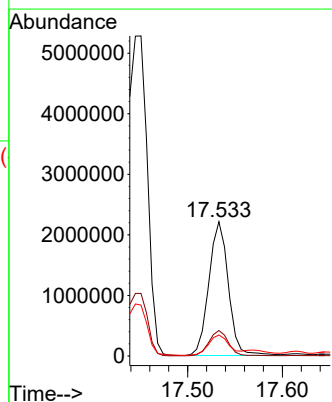
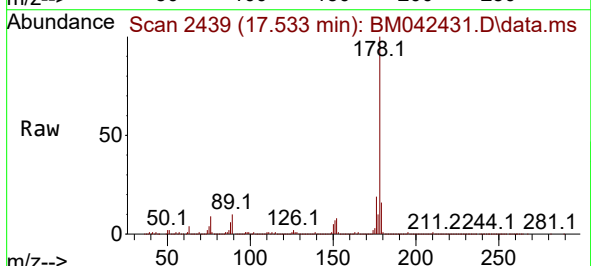
Tgt Ion:178 Resp: 3168722

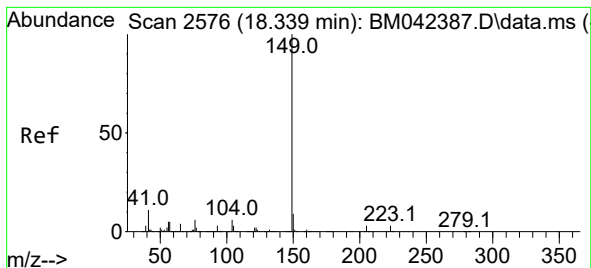
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.6 12.1 18.1





#74

Di-n-butylphthalate

Concen: 3.014 ng

RT: 18.321 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :

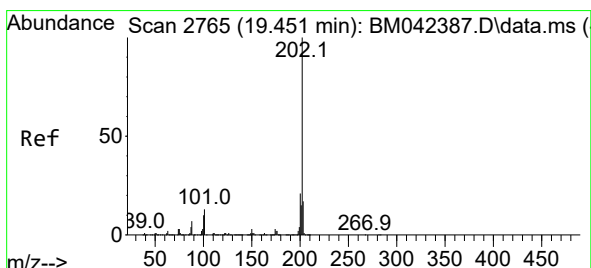
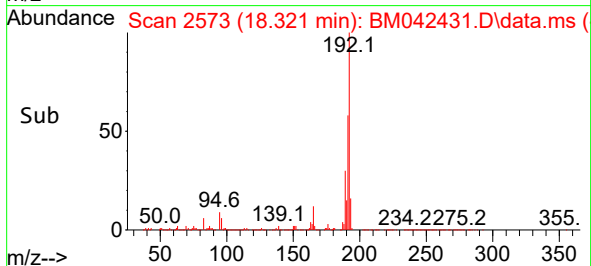
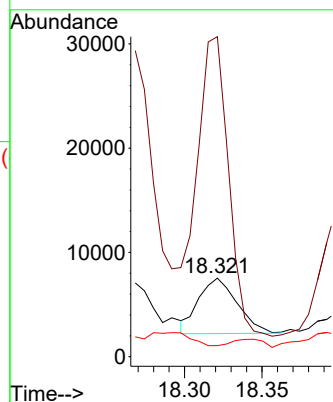
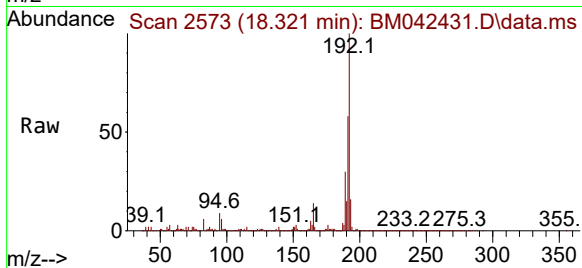
Tgt Ion:149 Resp: 9246

Ion Ratio Lower Upper

149 100

150 406.9 7.4 11.0#

104 14.1 4.6 7.0#



#75

Fluoranthene

Concen: 132.535 ng

RT: 19.456 min Scan# 2766

Delta R.T. 0.006 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

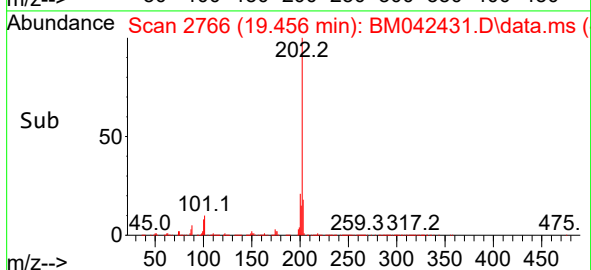
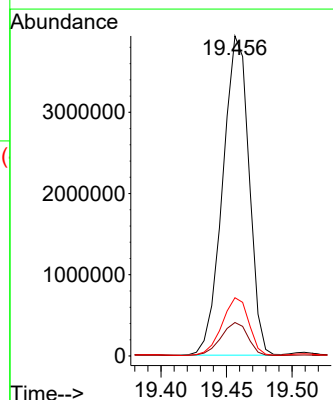
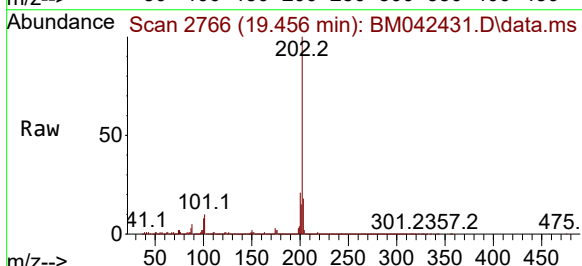
Tgt Ion:202 Resp: 5488359

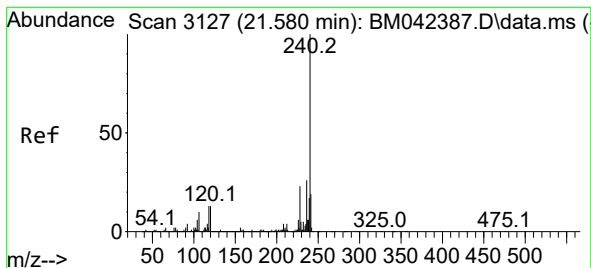
Ion Ratio Lower Upper

202 100

101 10.5 0.0 33.3

203 18.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :

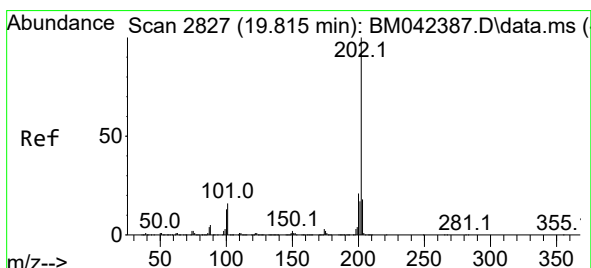
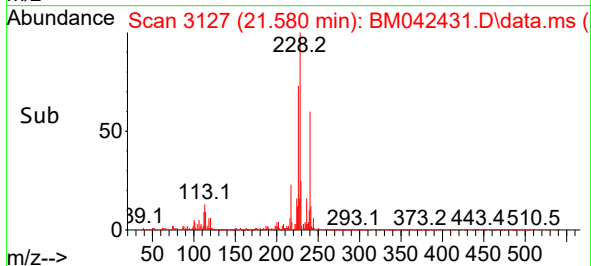
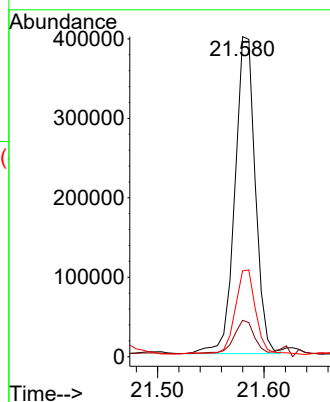
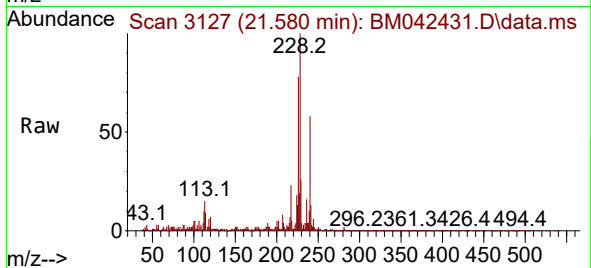
Tgt Ion:240 Resp: 532659

Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

236 26.8 20.7 31.1



#78

Pyrene

Concen: 208.136 ng

RT: 19.827 min Scan# 2829

Delta R.T. 0.012 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

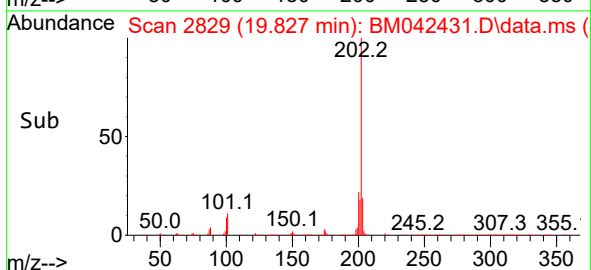
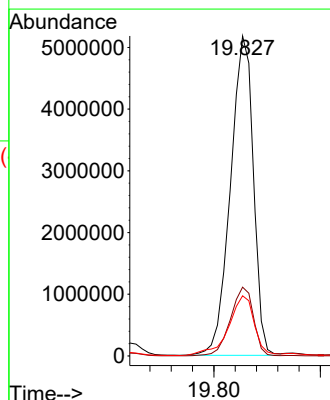
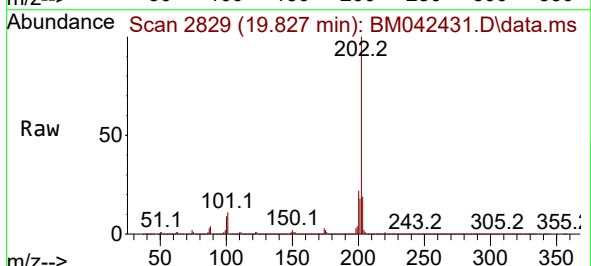
Tgt Ion:202 Resp: 7747211

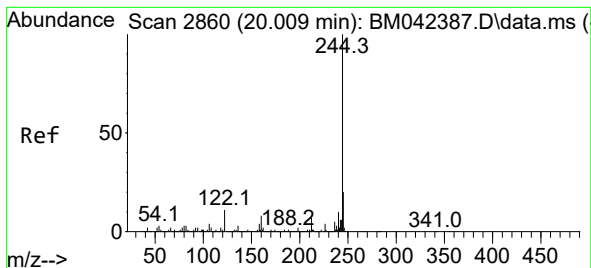
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 18.8 14.1 21.1





#79

Terphenyl-d14

Concen: 30.148 ng

RT: 20.009 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :

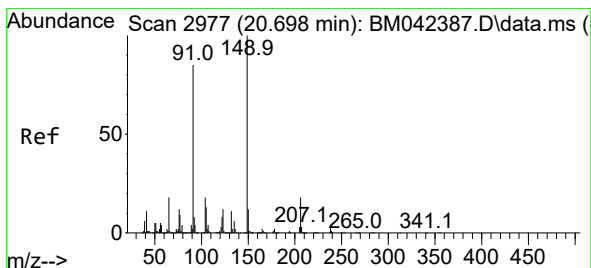
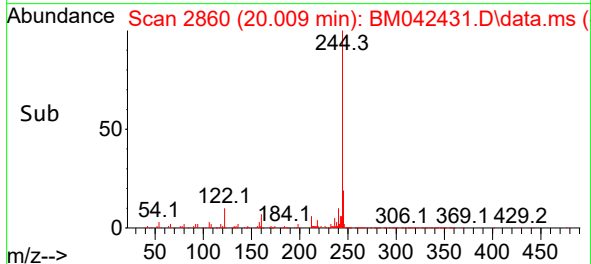
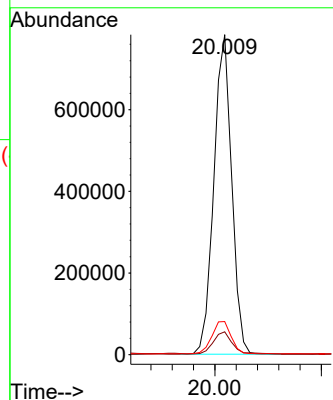
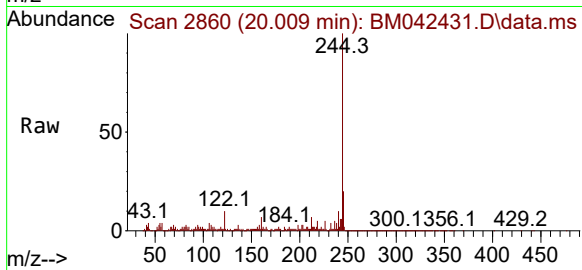
Tgt Ion:244 Resp: 905470

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 3.305 ng

RT: 20.697 min Scan# 2977

Delta R.T. -0.001 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

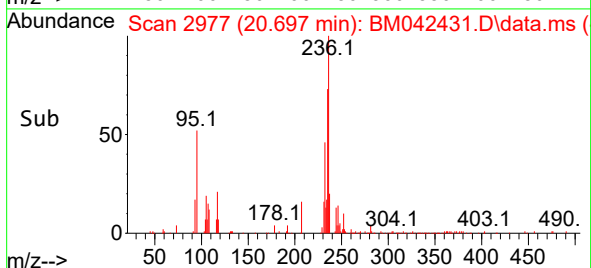
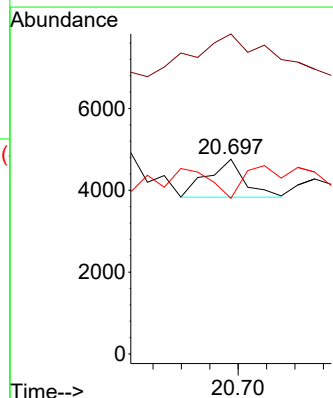
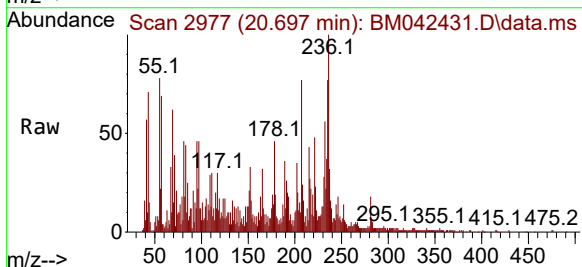
Tgt Ion:149 Resp: 844

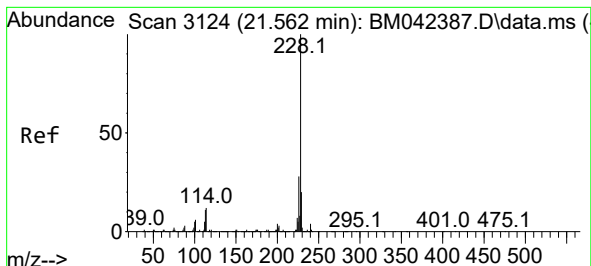
Ion Ratio Lower Upper

149 100

91 164.3 68.3 102.5#

206 79.9 14.6 22.0#





#81

Benzo(a)anthracene

Concen: 98.936 ng

RT: 21.568 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :

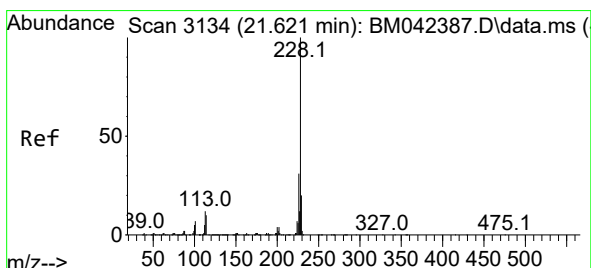
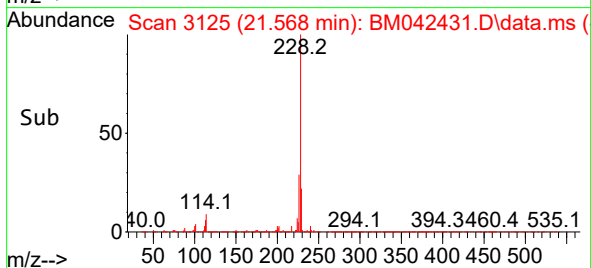
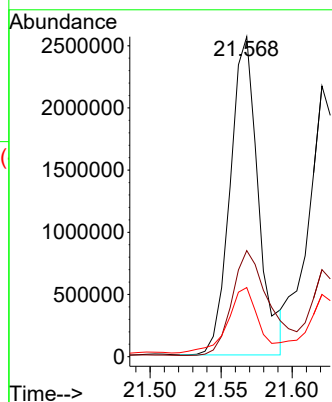
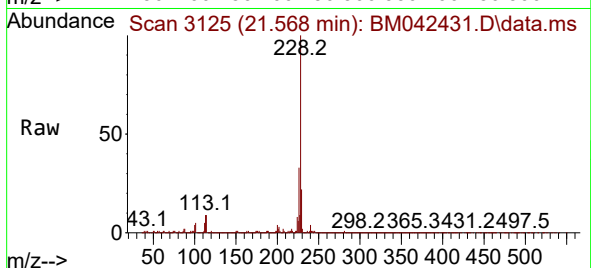
Tgt Ion:228 Resp: 3532854

Ion Ratio Lower Upper

228 100

226 33.2 22.2 33.4

229 21.6 15.7 23.5



#83

Chrysene

Concen: 88.616 ng

RT: 21.621 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

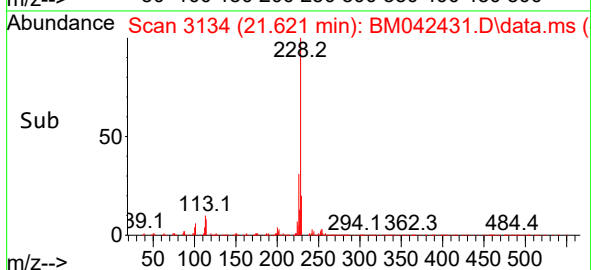
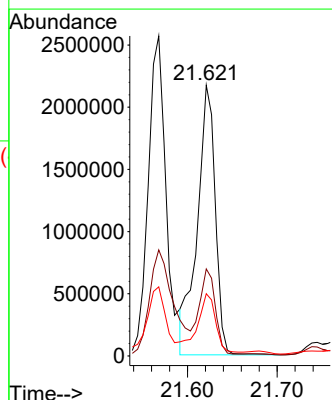
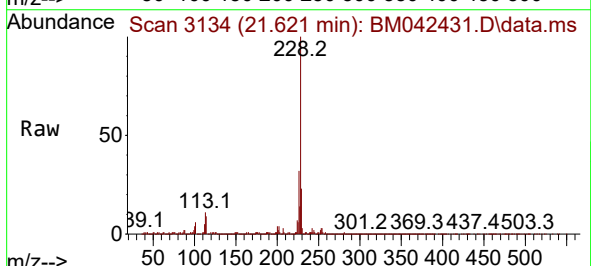
Tgt Ion:228 Resp: 3039212

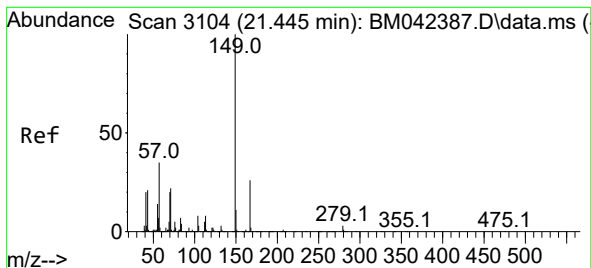
Ion Ratio Lower Upper

228 100

226 32.2 24.6 36.8

229 23.0 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.779 ng

RT: 21.439 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :

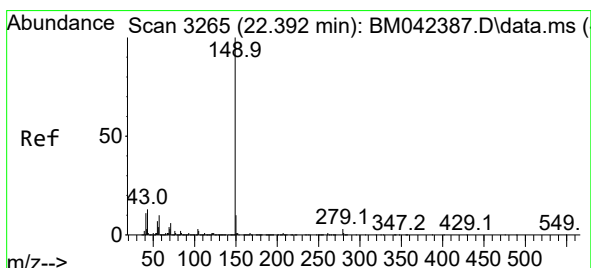
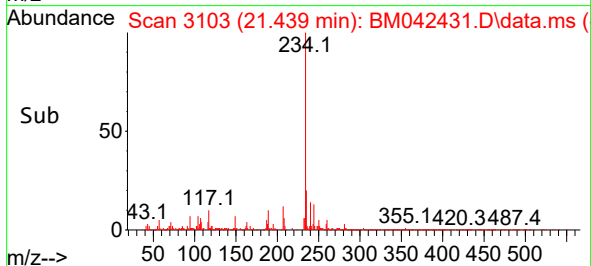
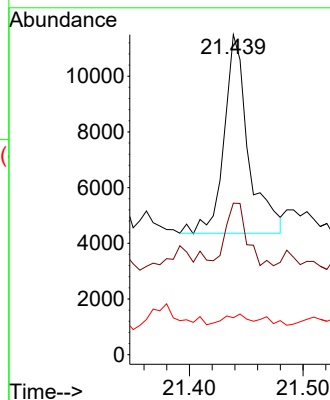
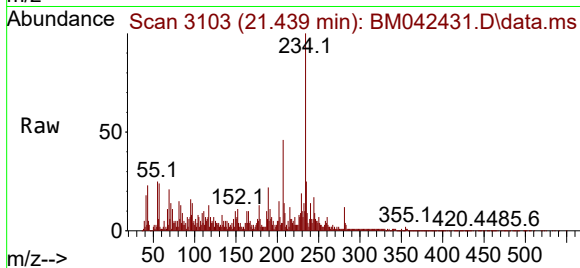
Tgt Ion:149 Resp: 10590

Ion Ratio Lower Upper

149 100

167 47.4 20.9 31.3#

279 11.6 2.7 4.1#



#85

Di-n-octyl phthalate

Concen: 4.273 ng

RT: 22.386 min Scan# 3264

Delta R.T. -0.006 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

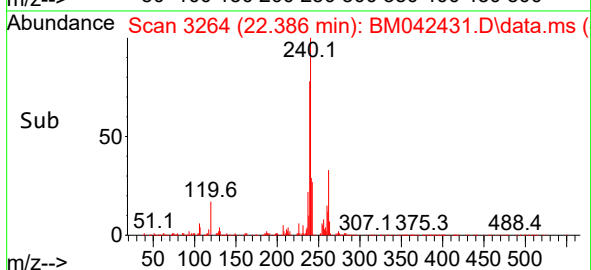
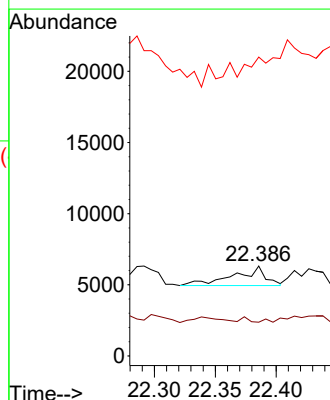
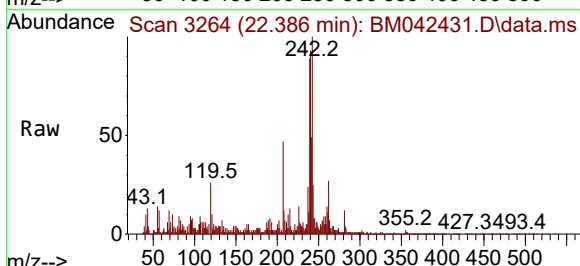
Tgt Ion:149 Resp: 2460

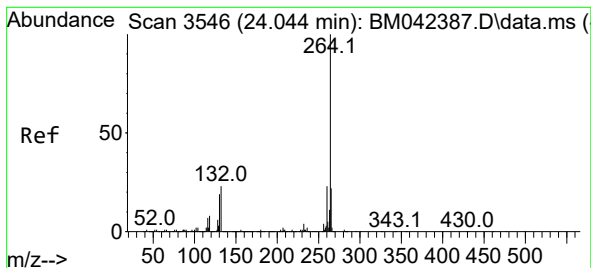
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.050 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :

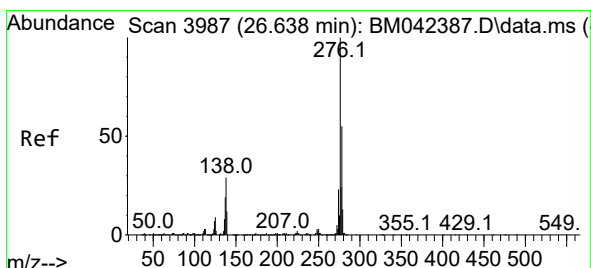
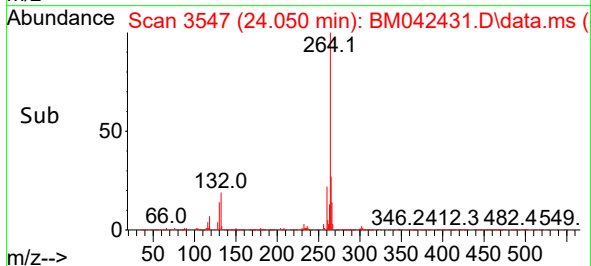
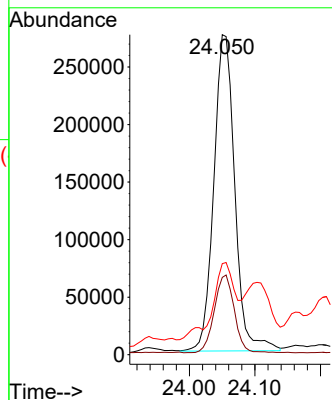
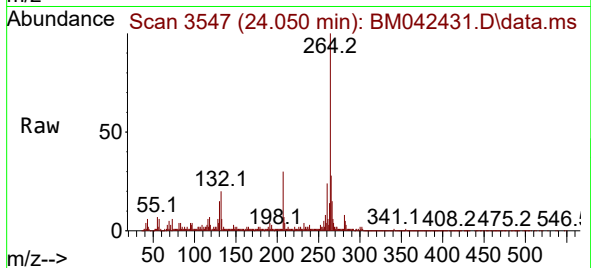
Tgt Ion:264 Resp: 609682

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 28.5 17.8 26.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 30.709 ng

RT: 26.650 min Scan# 3989

Delta R.T. 0.012 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

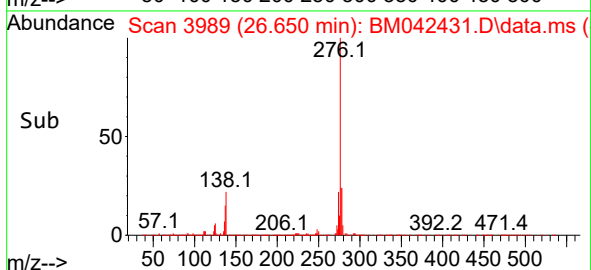
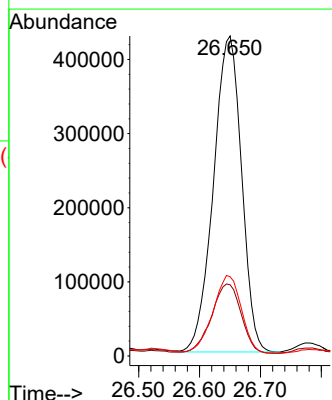
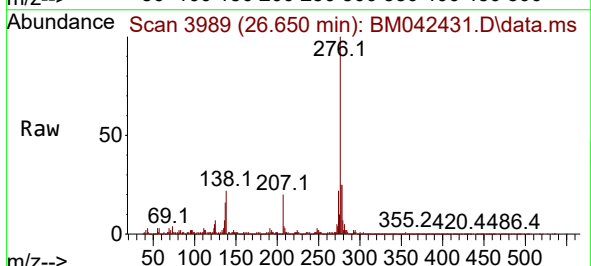
Tgt Ion:276 Resp: 1368238

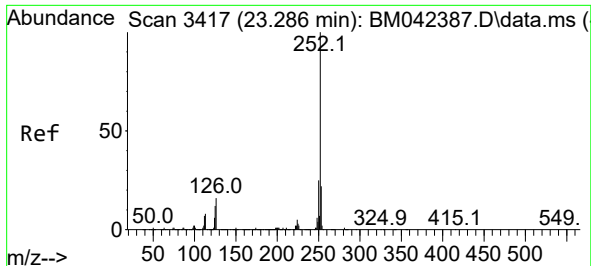
Ion Ratio Lower Upper

276 100

138 23.1 25.6 38.4#

277 25.1 20.0 30.0

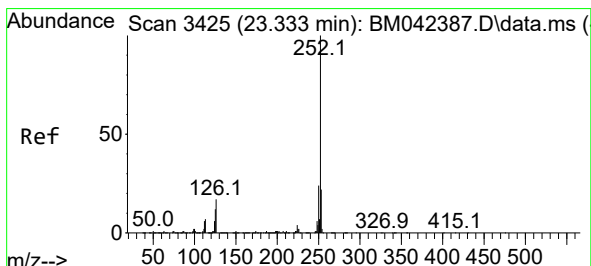
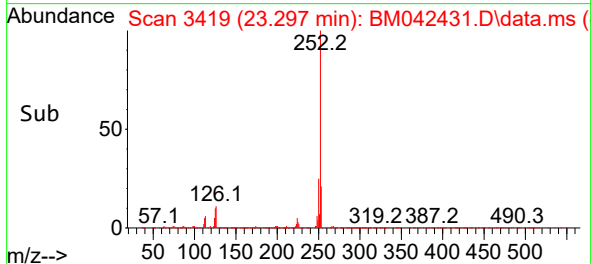
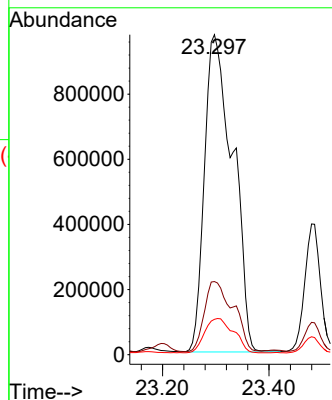
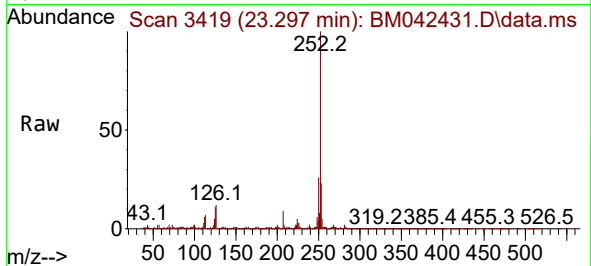




#88
Benzo(b)fluoranthene
Concen: 98.150 ng
RT: 23.297 min Scan# 3419
Delta R.T. 0.012 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

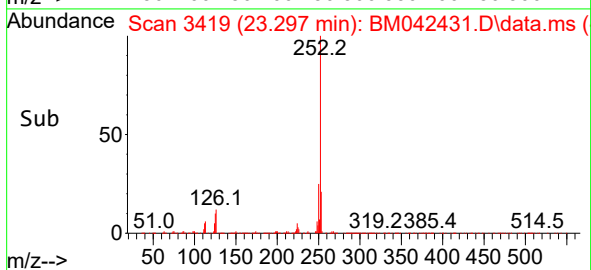
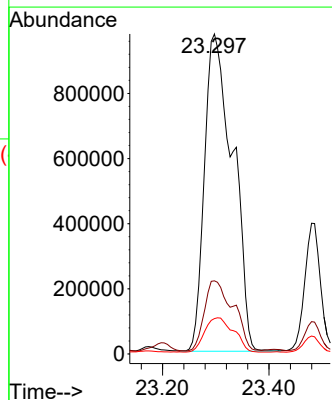
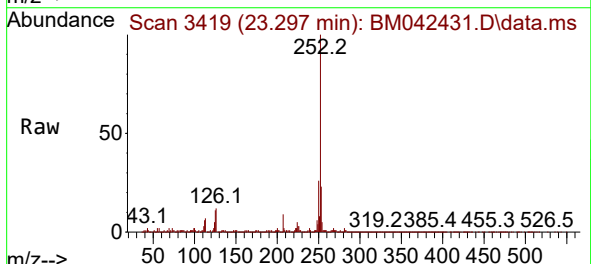
Instrument :
BNA_M
ClientSampleId :

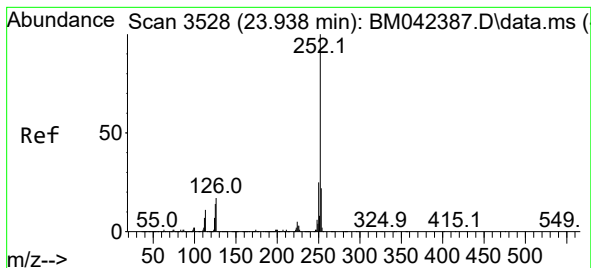
Tgt Ion:252 Resp: 3601952
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 11.1 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 94.537 ng
RT: 23.297 min Scan# 3419
Delta R.T. -0.035 min
Lab File: BM042431.D
Acq: 24 Oct 2023 22:09

Tgt Ion:252 Resp: 3601952
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 11.1 10.2 15.2





#90

Benzo(a)pyrene

Concen: 47.944 ng

RT: 23.833 min Scan# 3

Delta R.T. -0.106 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :

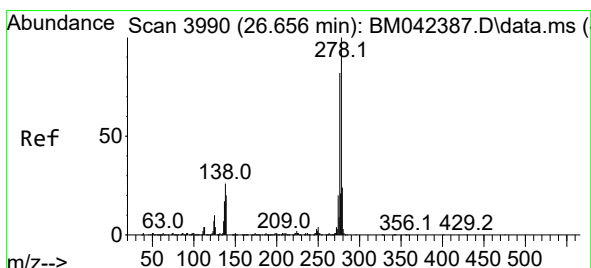
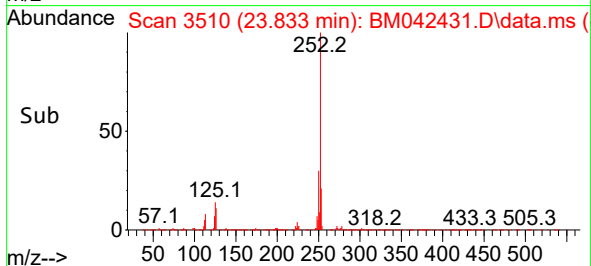
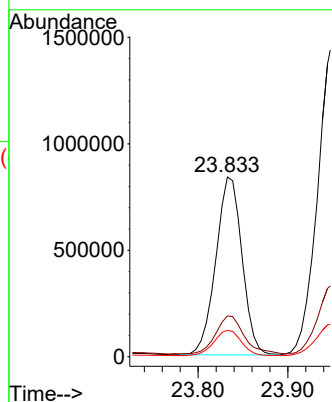
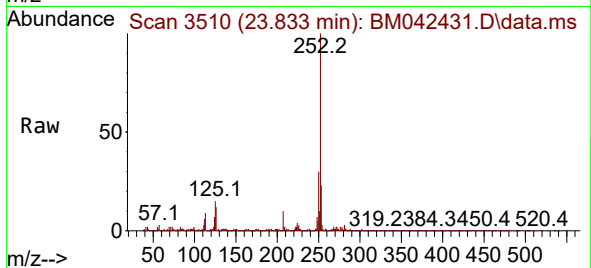
Tgt Ion:252 Resp: 1693498

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 14.6 10.9 16.3



#91

Dibenzo(a,h)anthracene

Concen: 11.835 ng

RT: 26.656 min Scan# 3990

Delta R.T. -0.000 min

Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

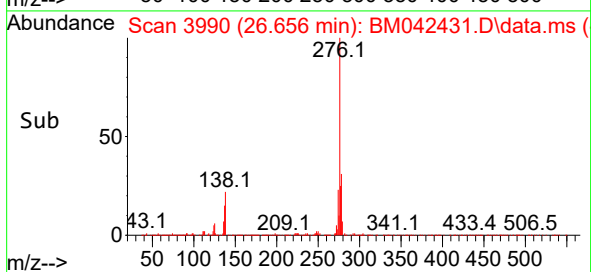
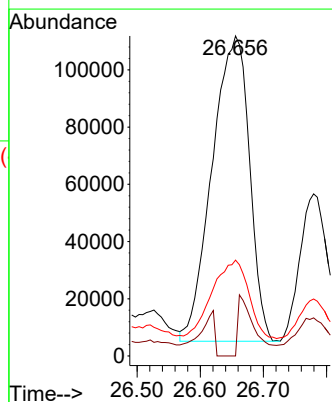
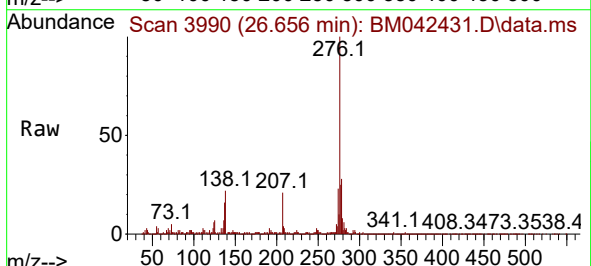
Tgt Ion:278 Resp: 438433

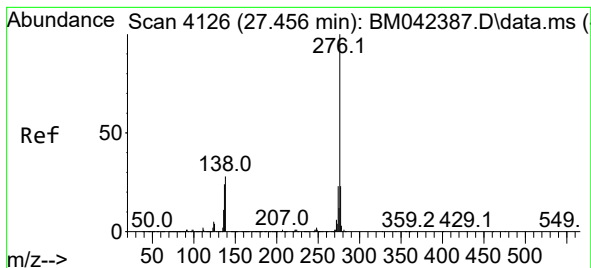
Ion Ratio Lower Upper

278 100

139 0.0 15.6 23.4#

279 29.9 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 41.028 ng

RT: 27.468 min Scan# 41

Delta R.T. 0.012 min

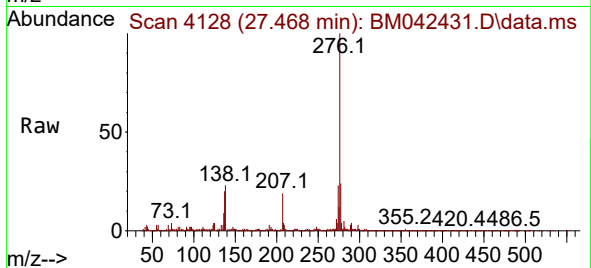
Lab File: BM042431.D

Acq: 24 Oct 2023 22:09

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 1476032

Ion Ratio Lower Upper

276 100

277 24.4 18.3 27.5

138 22.8 22.6 34.0

