

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
 Data File : BM042699.D
 Acq On : 10 Nov 2023 19:46
 Operator : MA/JU
 Sample : 05253-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 10 23:05:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

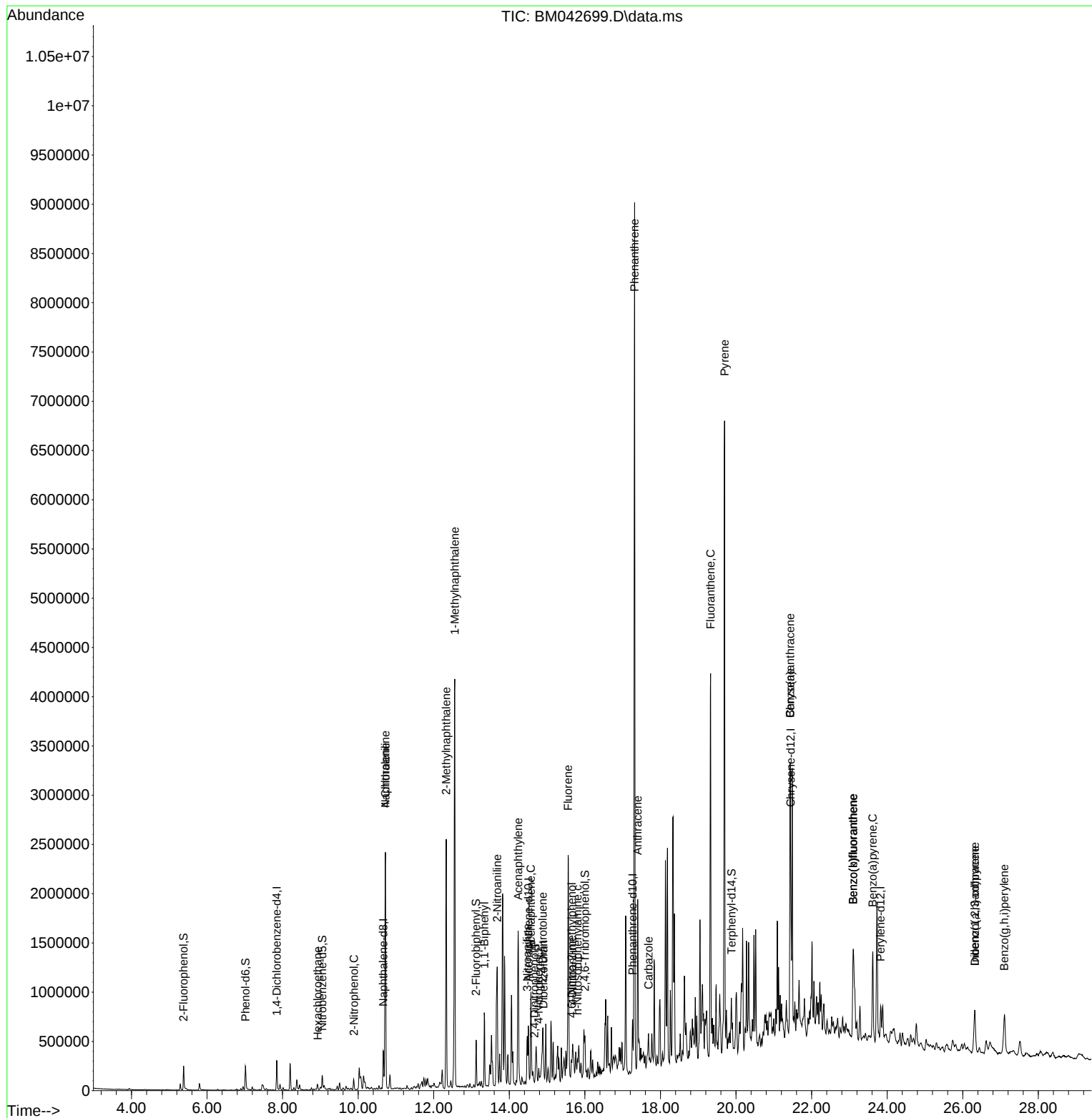
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	69194	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	280396	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	186598	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	320567	20.000	ng	# 0.00
76) Chrysene-d12	21.444	240	278573	20.000	ng	0.00
86) Perylene-d12	23.827	264	292229	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	91586	21.361	ng	0.00
7) Phenol-d6	7.016	99	116579	19.826	ng	0.00
23) Nitrobenzene-d5	9.051	82	92050	15.304	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	49870	20.470	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	213628	15.405	ng	0.00
79) Terphenyl-d14	19.880	244	220031	13.393	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.928	117	6848	3.461	ng	# 1
26) 2-Nitrophenol	9.886	139	184	3.585	ng	# 1
31) Naphthalene	10.722	128	1656776	114.365	ng	100
33) 4-Chloroaniline	10.722	127	219365	38.835	ng	# 31
37) 2-Methylnaphthalene	12.327	142	1006378	98.640	ng	96
38) 1-Methylnaphthalene	12.557	142	1598767	166.482	ng	99
46) 1,1'-Biphenyl	13.339	154	334469	23.449	ng	99
48) 2-Nitroaniline	13.680	65	14183	7.406	ng	# 26
49) Acenaphthylene	14.239	152	872070	50.321	ng	99
52) Acenaphthene	14.568	154	275677	26.211	ng	98
53) 3-Nitroaniline	14.474	138	1051	4.648	ng	# 83
54) 2,4-Dinitrophenol	14.662	184	140	7.809	ng	# 1
55) Dibenzofuran	14.904	168	121910	7.129	ng	# 93
56) 4-Nitrophenol	14.780	139	3804	8.283	ng	# 37
57) 2,4-Dinitrotoluene	14.886	165	10165	6.112	ng	# 48
58) Fluorene	15.557	166	956696	69.145	ng	99
62) 4-Nitroaniline	15.668	138	422	5.868	ng	# 61
65) 4,6-Dinitro-2-methylph...	15.657	198	1484	6.467	ng	# 1
66) n-Nitrosodiphenylamine	15.804	169	21221	2.348	ng	# 2
71) Phenanthrene	17.315	178	4972819	296.839	ng	99
72) Anthracene	17.398	178	977968	58.938	ng	99
73) Carbazole	17.686	167	44790	3.318	ng	# 78
75) Fluoranthene	19.327	202	2119385	107.699	ng	96
78) Pyrene	19.697	202	3828715	200.156	ng	98
81) Benzo(a)anthracene	21.433	228	1345084	75.889	ng	93
83) Chrysene	21.433	228	1345084	74.710	ng	96
87) Indeno(1,2,3-cd)pyrene	26.321	276	462558	26.595	ng	# 89
88) Benzo(b)fluoranthene	23.103	252	1257400	77.233	ng	97
89) Benzo(k)fluoranthene	23.103	252	1257400	69.310	ng	97
90) Benzo(a)pyrene	23.621	252	645712	40.285	ng	98
91) Dibenzo(a,h)anthracene	26.321	278	147364	12.525	ng	# 91
92) Benzo(g,h,i)perylene	27.103	276	544350	35.511	ng	# 93

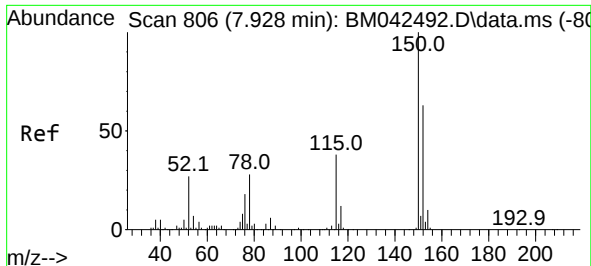
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
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Quant Time: Nov 10 23:05:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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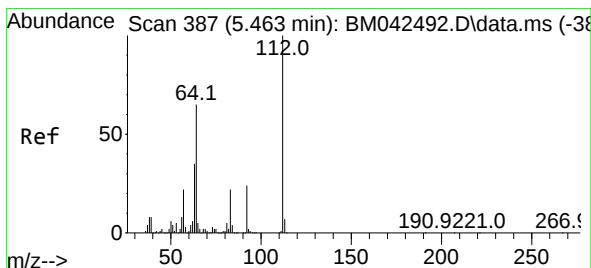
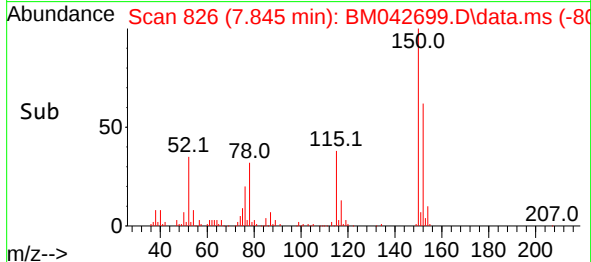
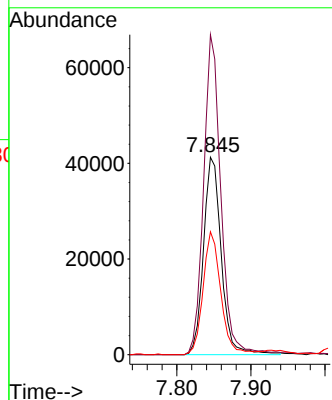
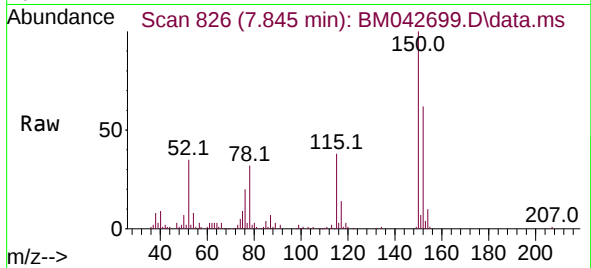




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

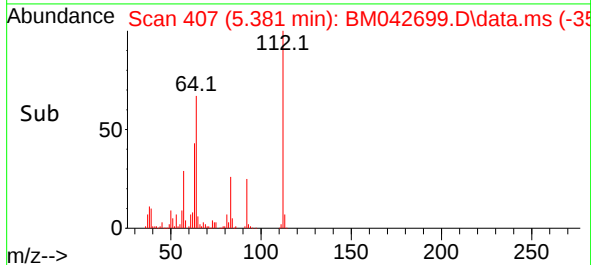
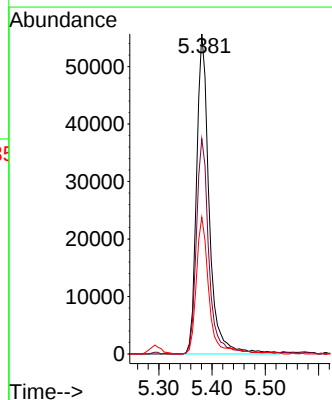
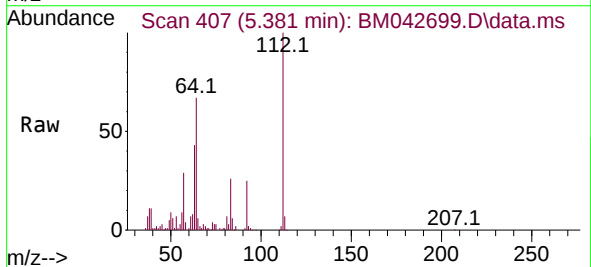
Instrument :
BNA_M
ClientSampleId :

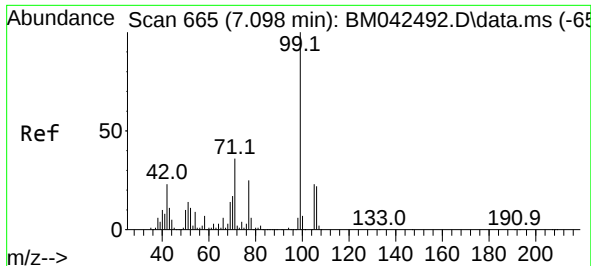
Tgt Ion:152 Resp: 69194
Ion Ratio Lower Upper
152 100
150 162.1 127.4 191.0
115 62.2 47.9 71.9



#5
2-Fluorophenol
Concen: 21.361 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Tgt Ion:112 Resp: 91586
Ion Ratio Lower Upper
112 100
64 67.2 52.1 78.1
63 42.8 28.3 42.5#

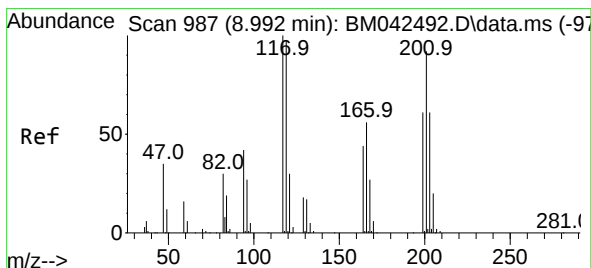
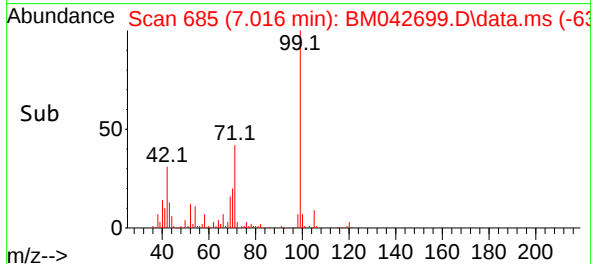
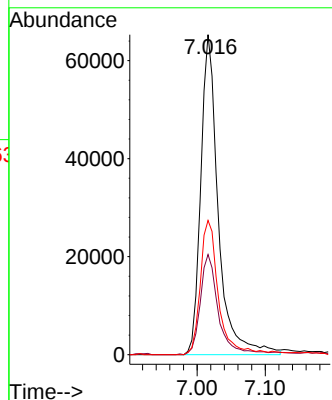
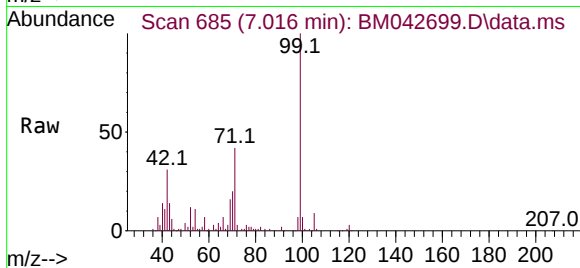




#7
Phenol-d6
Concen: 19.826 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

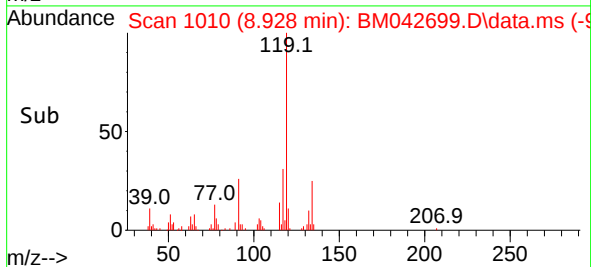
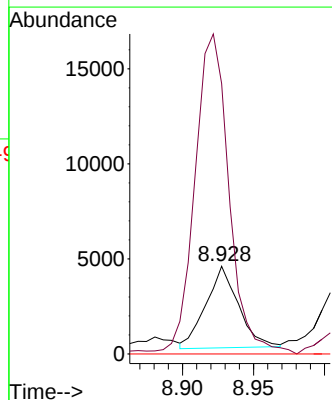
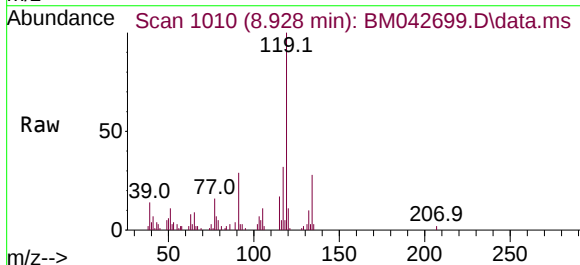
Instrument :
BNA_M
ClientSampleId :

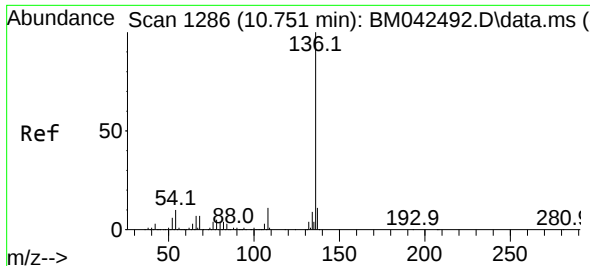
Tgt Ion: 99 Resp: 116579
Ion Ratio Lower Upper
99 100
42 31.3 18.7 28.1#
71 41.9 29.1 43.7



#18
Hexachloroethane
Concen: 3.461 ng
RT: 8.928 min Scan# 1010
Delta R.T. 0.023 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

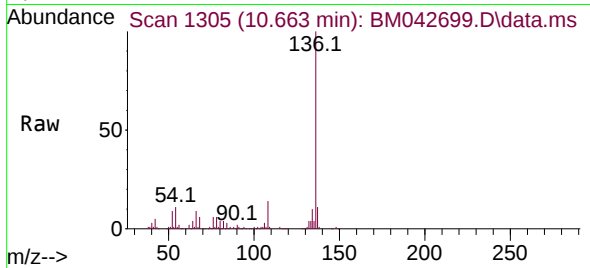
Tgt Ion: 117 Resp: 6848
Ion Ratio Lower Upper
117 100
119 308.5 77.9 116.9#
201 0.0 73.7 110.5#



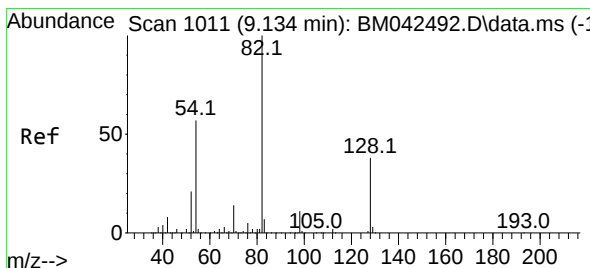
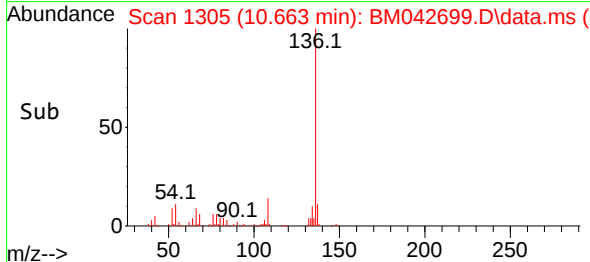
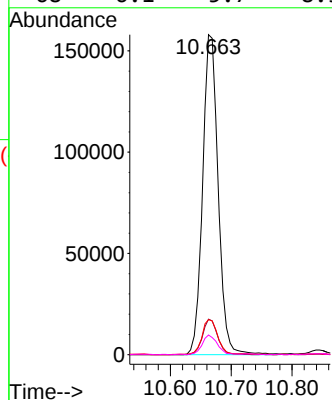


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Instrument :
BNA_M
ClientSampleId :

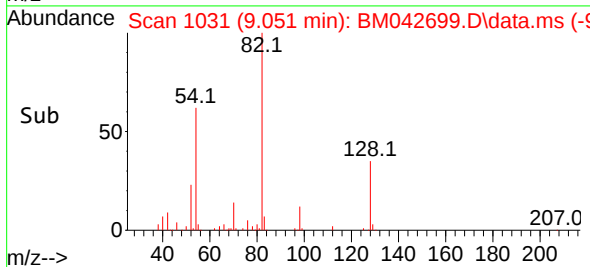
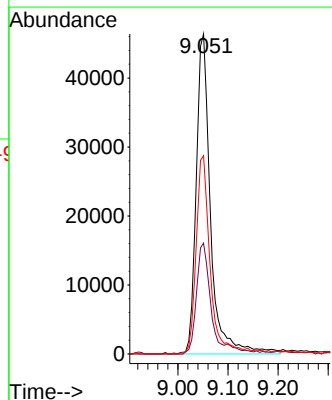
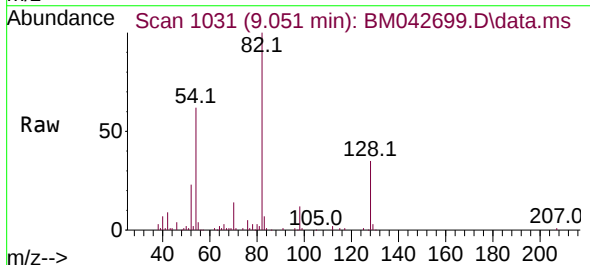


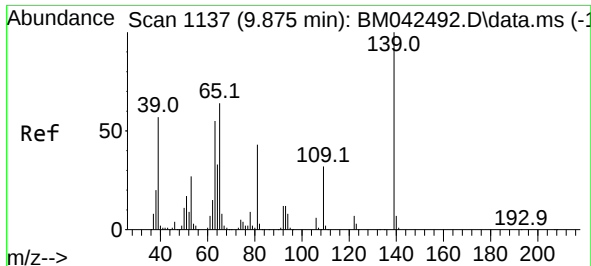
Tgt Ion:136 Resp: 280396
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 11.0 8.0 12.0
68 6.1 5.7 8.5



#23
Nitrobenzene-d5
Concen: 15.304 ng
RT: 9.051 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Tgt Ion: 82 Resp: 92050
Ion Ratio Lower Upper
82 100
128 34.7 30.7 46.1
54 61.9 45.3 67.9

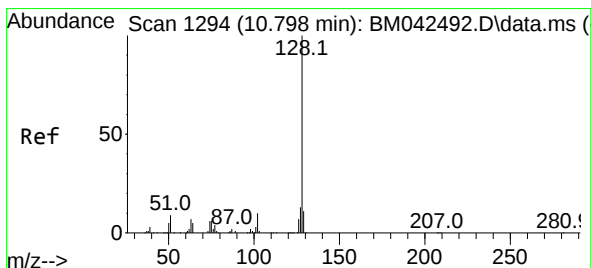
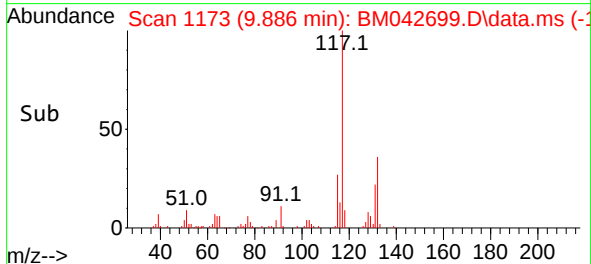
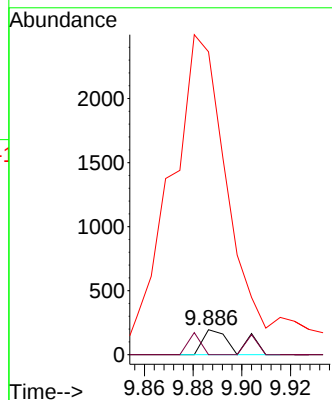
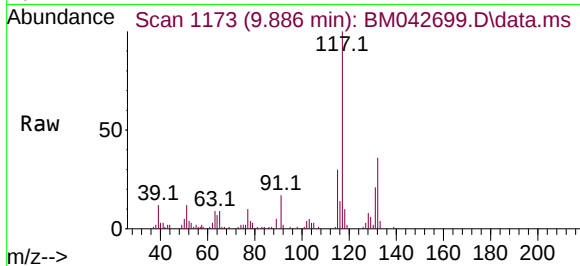




#26
2-Nitrophenol
Concen: 3.585 ng
RT: 9.886 min Scan# 1137
Delta R.T. 0.094 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

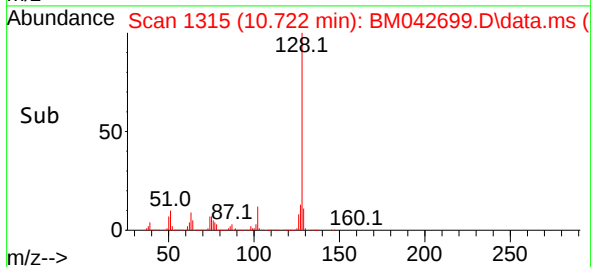
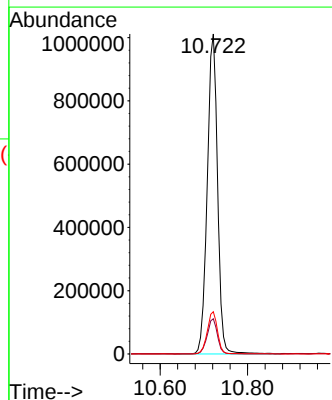
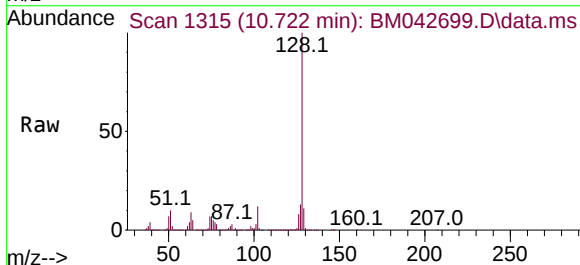
Instrument :
BNA_M
ClientSampleId :

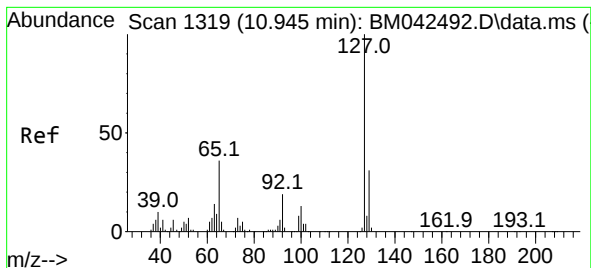
Tgt Ion:139 Resp: 184
Ion Ratio Lower Upper
139 100
109 0.0 25.2 37.8#
65 1212.8 51.4 77.0#



#31
Naphthalene
Concen: 114.365 ng
RT: 10.722 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Tgt Ion:128 Resp: 1656776
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8





#33

4-Chloroaniline

Concen: 38.835 ng

RT: 10.722 min Scan# 1

Delta R.T. -0.135 min

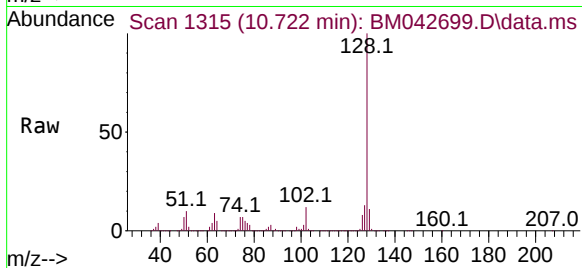
Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:127 Resp: 219365

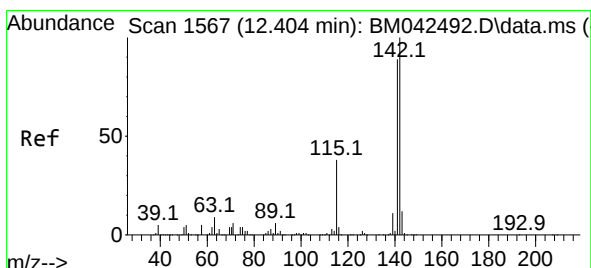
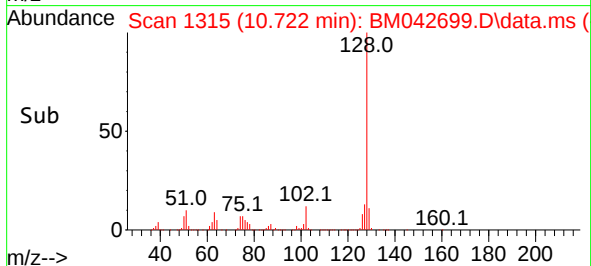
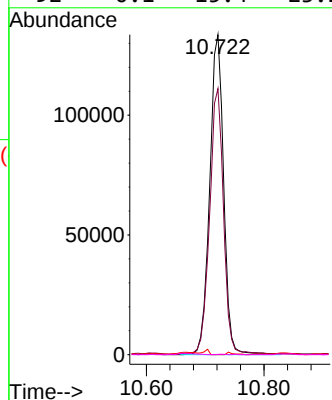
Ion Ratio Lower Upper

127 100

129 83.2 25.0 37.4#

65 0.0 29.0 43.4#

92 0.1 15.4 23.2#



#37

2-Methylnaphthalene

Concen: 98.640 ng

RT: 12.327 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

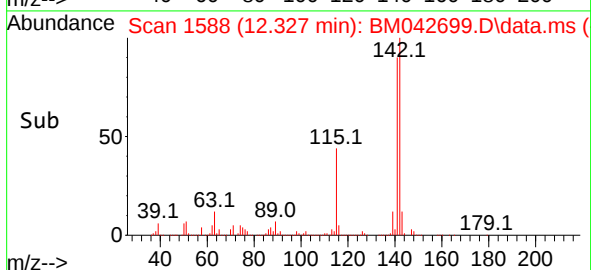
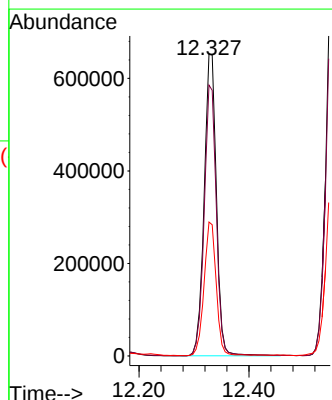
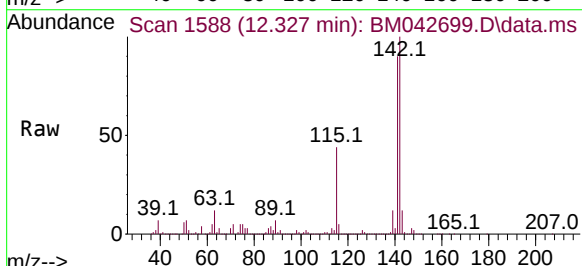
Tgt Ion:142 Resp: 1006378

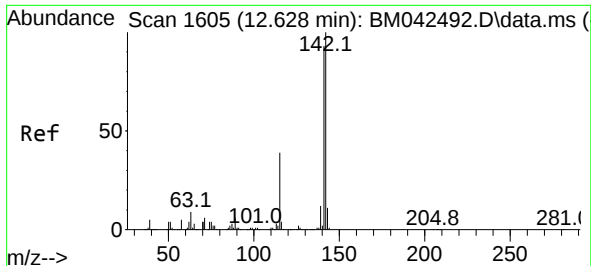
Ion Ratio Lower Upper

142 100

141 89.7 70.9 106.3

115 44.3 30.2 45.2

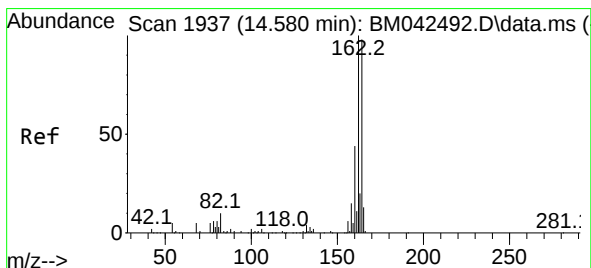
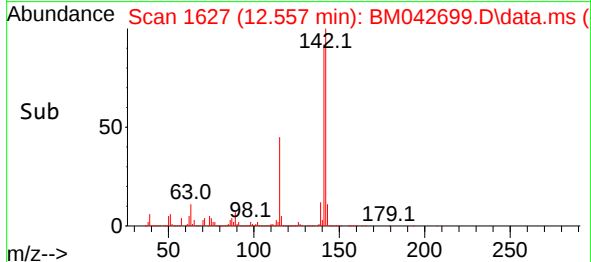
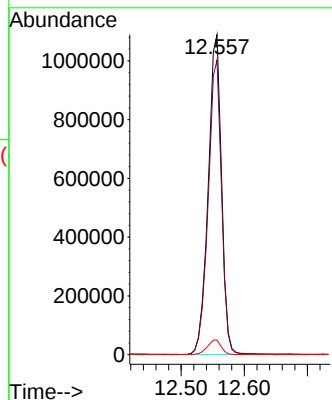
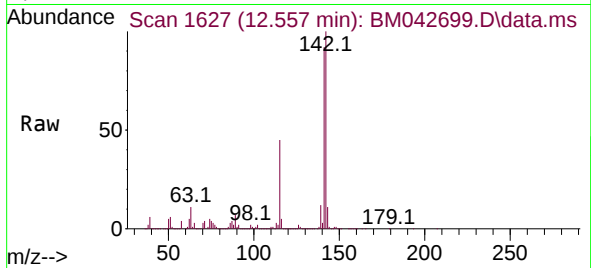




#38
1-Methylnaphthalene
Concen: 166.482 ng
RT: 12.557 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

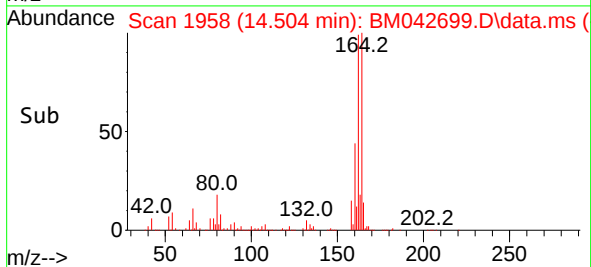
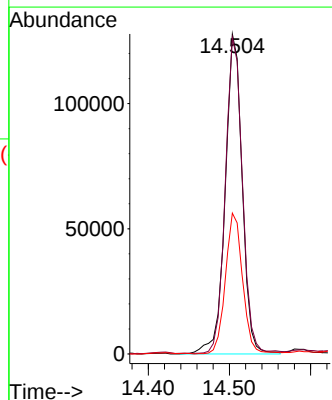
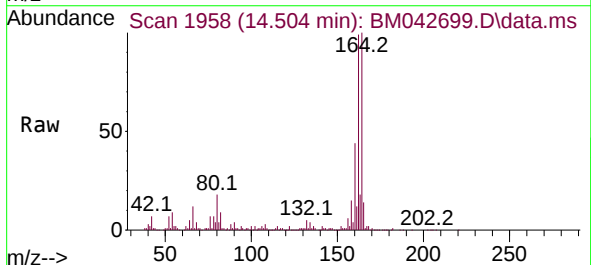
Instrument :
BNA_M
ClientSampleId :

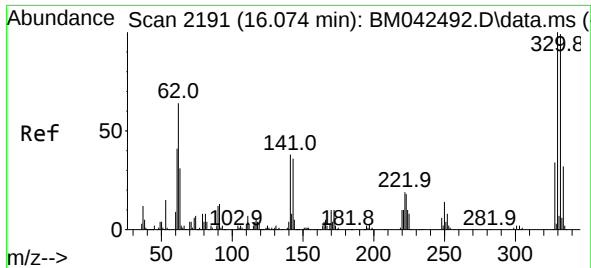
Tgt Ion:142 Resp: 1598767
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6
116 4.6 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

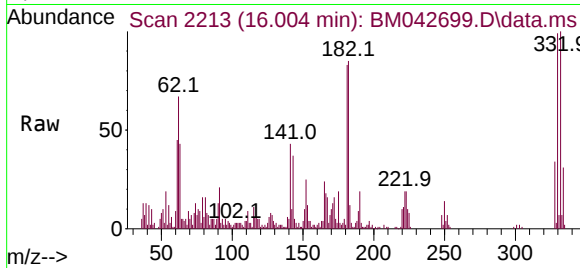
Tgt Ion:164 Resp: 186598
Ion Ratio Lower Upper
164 100
162 99.0 81.6 122.4
160 44.0 36.2 54.4



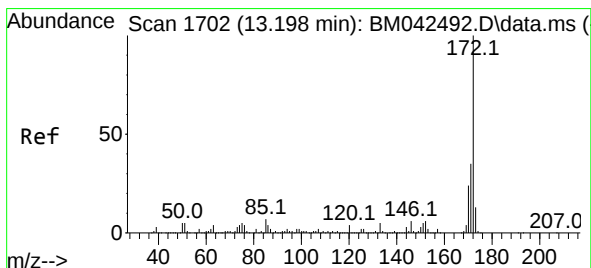
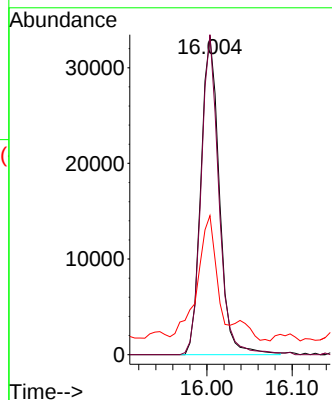
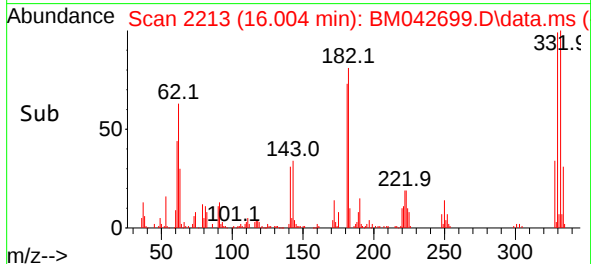


#42
2,4,6-Tribromophenol
Concen: 20.470 ng
RT: 16.004 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

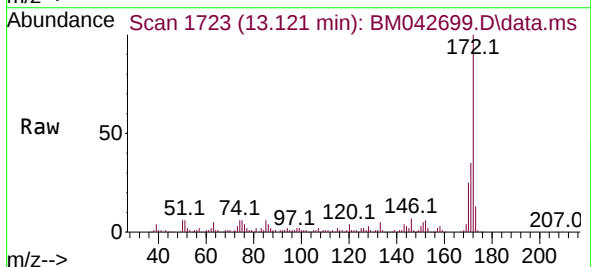
Instrument :
BNA_M
ClientSampleId :



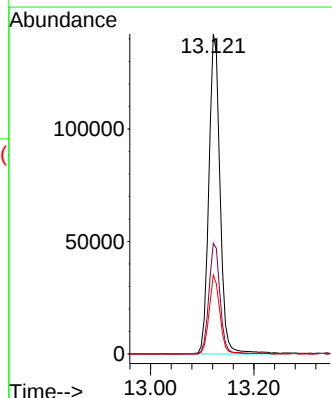
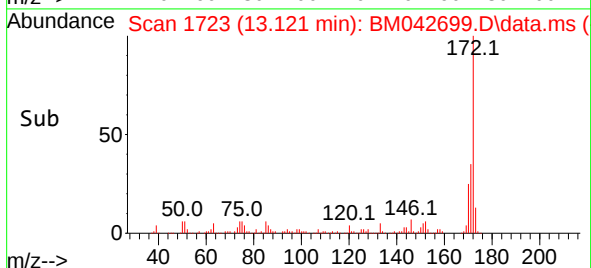
Tgt Ion:330 Resp: 49870
Ion Ratio Lower Upper
330 100
332 97.3 78.8 118.2
141 39.1 31.1 46.7

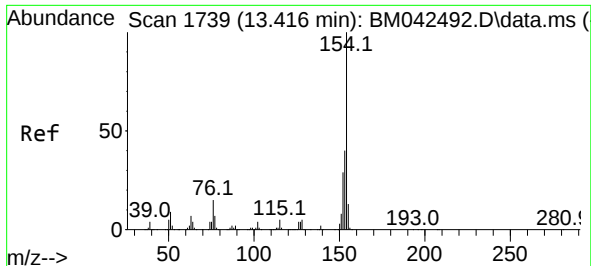


#45
2-Fluorobiphenyl
Concen: 15.405 ng
RT: 13.121 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46



Tgt Ion:172 Resp: 213628
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 24.7 19.0 28.4

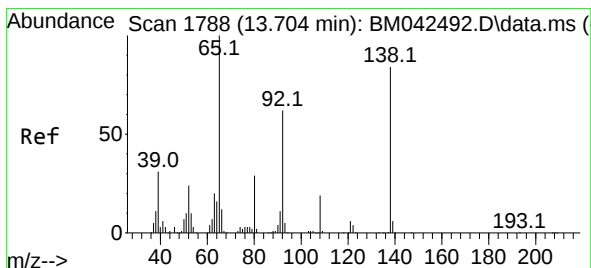
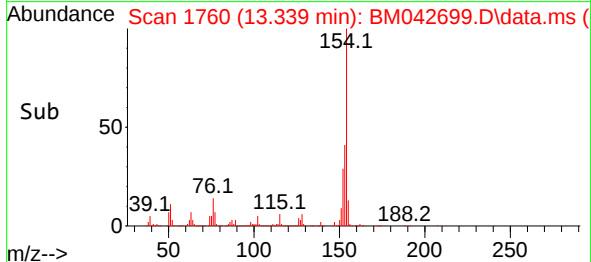
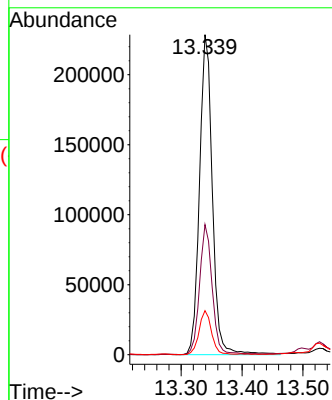
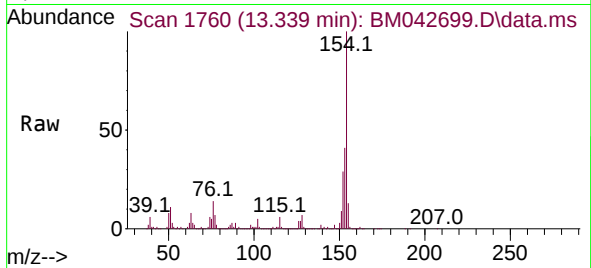




#46
1,1'-Biphenyl
Concen: 23.449 ng
RT: 13.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

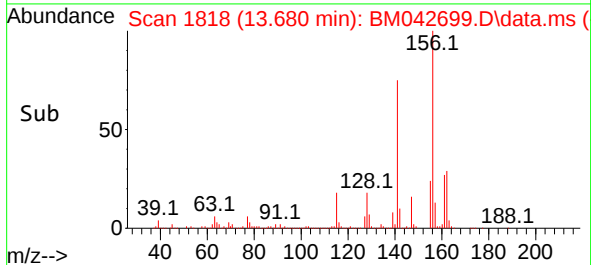
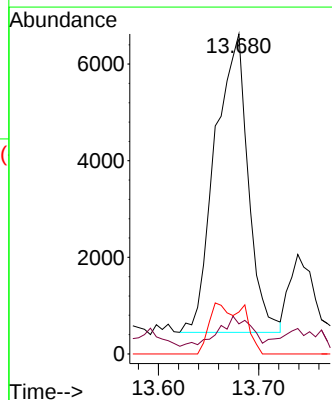
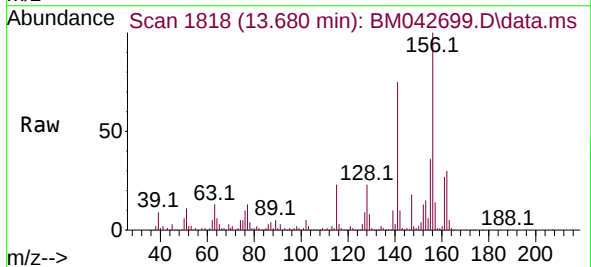
Instrument :
BNA_M
ClientSampleId :

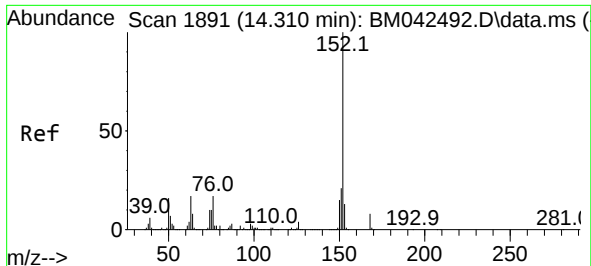
Tgt Ion:154 Resp: 334469
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.8 0.0 35.0



#48
2-Nitroaniline
Concen: 7.406 ng
RT: 13.680 min Scan# 1818
Delta R.T. 0.047 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Tgt Ion: 65 Resp: 14183
Ion Ratio Lower Upper
65 100
92 9.4 49.4 74.2#
138 13.1 66.9 100.3#

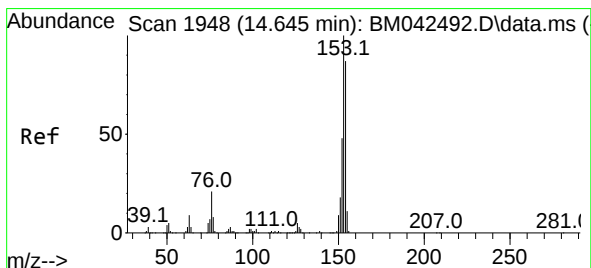
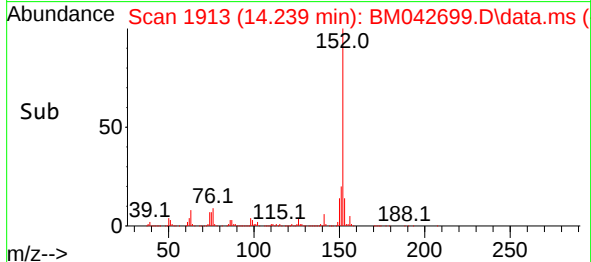
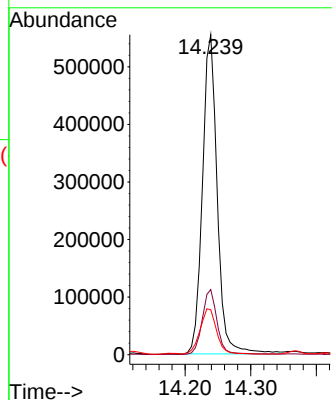
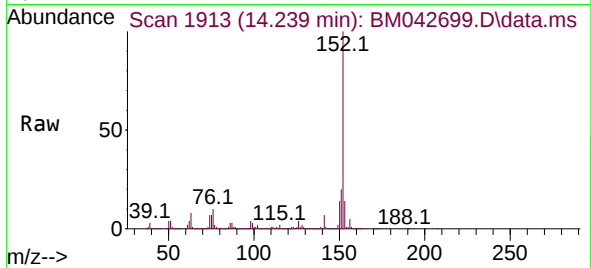




#49
Acenaphthylene
Concen: 50.321 ng
RT: 14.239 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

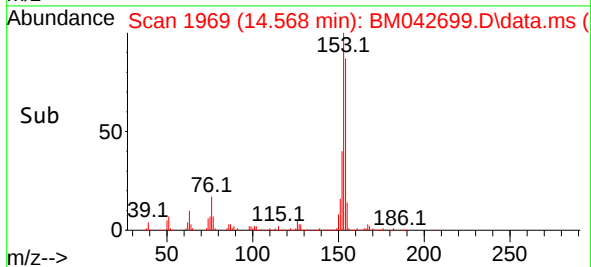
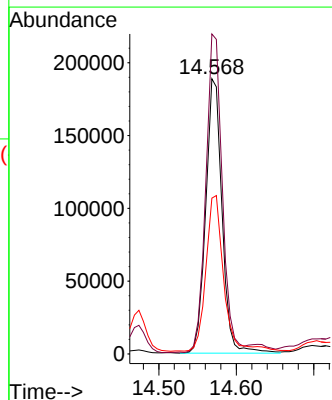
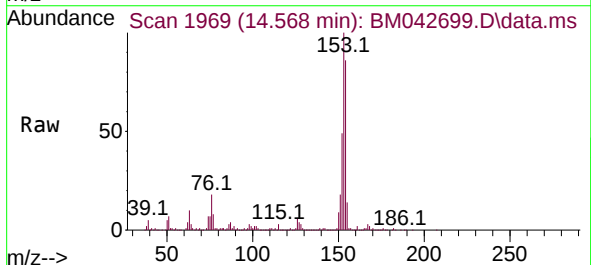
Instrument :
BNA_M
ClientSampleId :

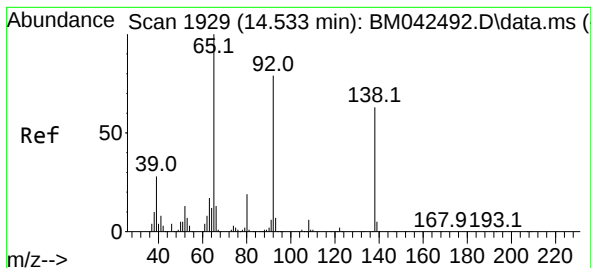
Tgt Ion:152 Resp: 872070
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.1 10.4 15.6



#52
Acenaphthene
Concen: 26.211 ng
RT: 14.568 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Tgt Ion:154 Resp: 275677
Ion Ratio Lower Upper
154 100
153 116.3 92.0 138.0
152 56.7 44.0 66.0

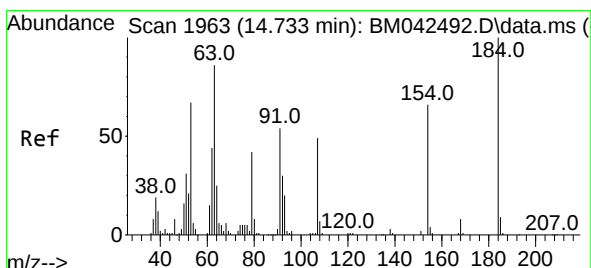
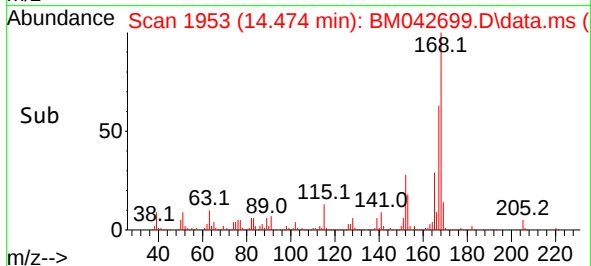
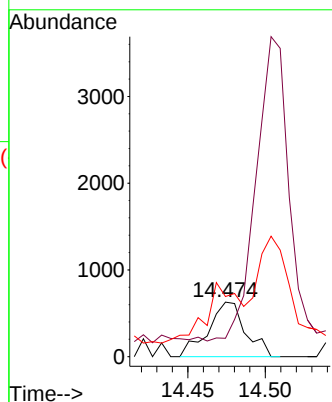
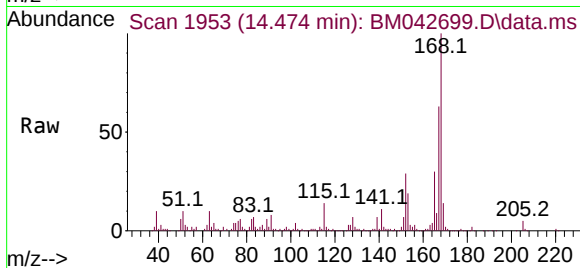




#53
3-Nitroaniline
Concen: 4.648 ng
RT: 14.474 min Scan# 1929
Delta R.T. 0.012 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

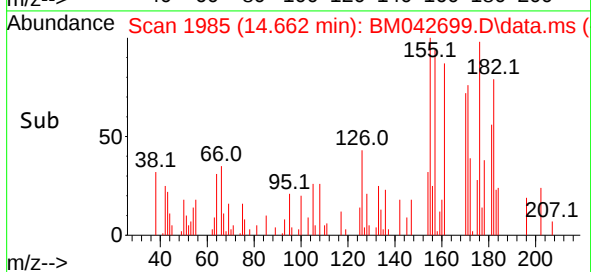
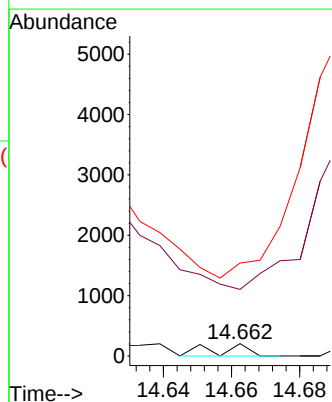
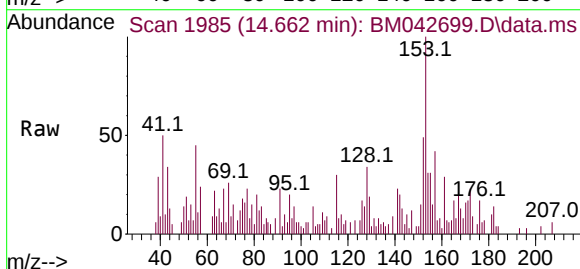
Instrument :
BNA_M
ClientSampleId :

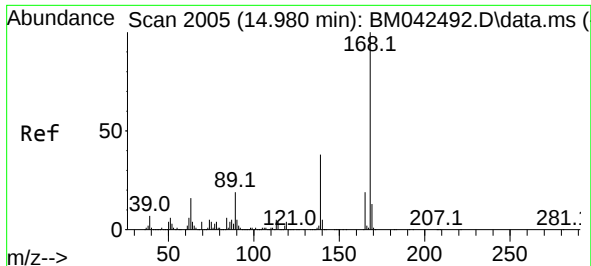
Tgt Ion:138 Resp: 1051
Ion Ratio Lower Upper
138 100
108 33.5 7.9 11.9#
92 110.2 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 7.809 ng
RT: 14.662 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Tgt Ion:184 Resp: 140
Ion Ratio Lower Upper
184 100
63 538.5 69.2 103.8#
154 751.7 53.2 79.8#

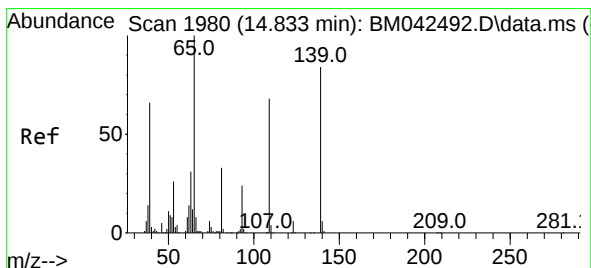
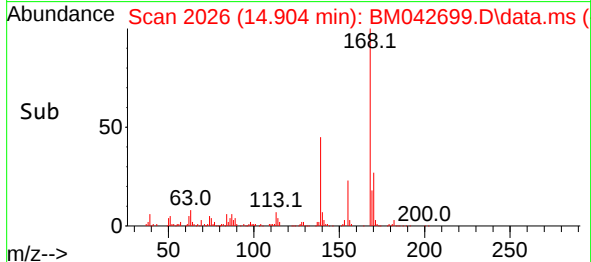
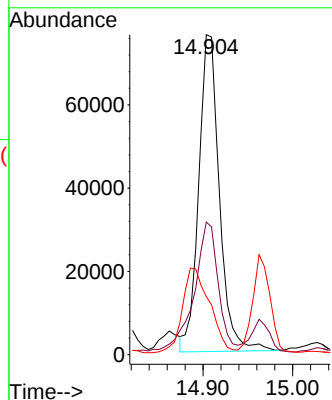
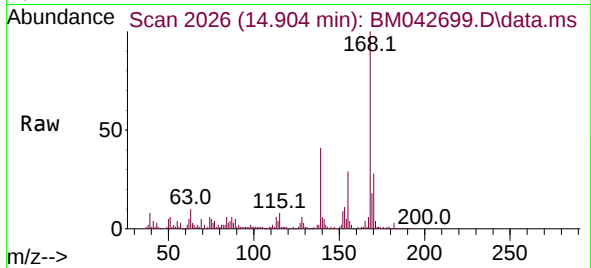




#55
Dibenzofuran
Concen: 7.129 ng
RT: 14.904 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

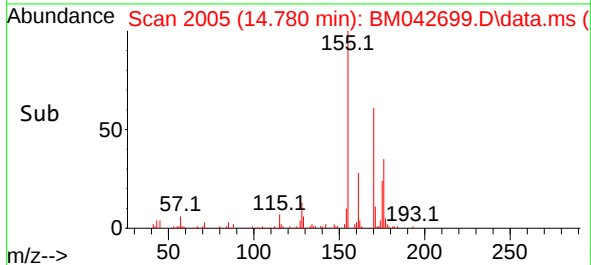
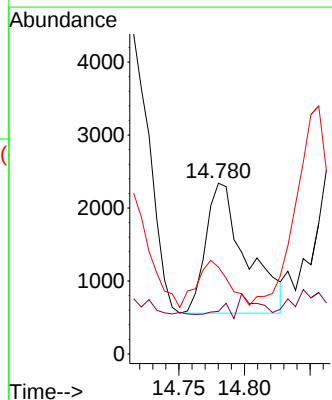
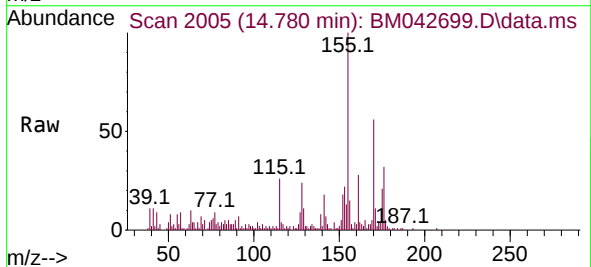
Instrument :
BNA_M
ClientSampleId :

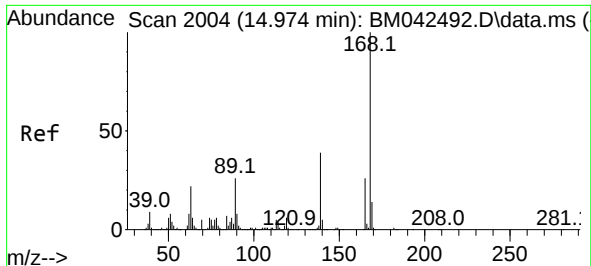
Tgt Ion:168 Resp: 121910
Ion Ratio Lower Upper
168 100
139 41.5 30.4 45.6
169 18.2 10.6 15.8#



#56
4-Nitrophenol
Concen: 8.283 ng
RT: 14.780 min Scan# 2005
Delta R.T. 0.023 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Tgt Ion:139 Resp: 3804
Ion Ratio Lower Upper
139 100
109 24.9 61.3 101.3#
65 50.9 100.2 140.2#





#57

2,4-Dinitrotoluene

Concen: 6.112 ng

RT: 14.886 min Scan# 20

Delta R.T. -0.024 min

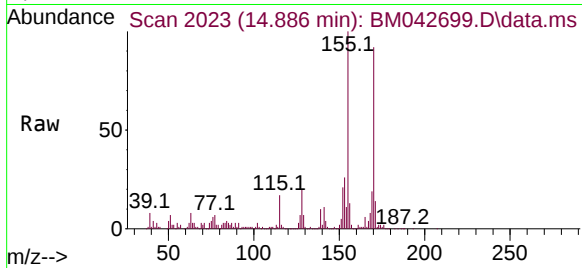
Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:165 Resp: 10165

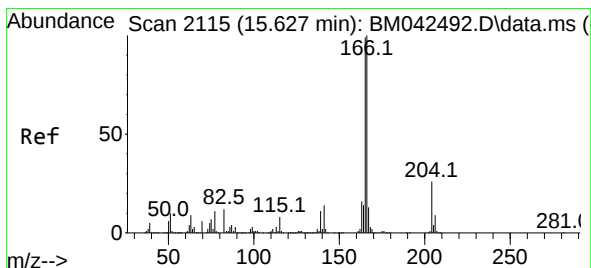
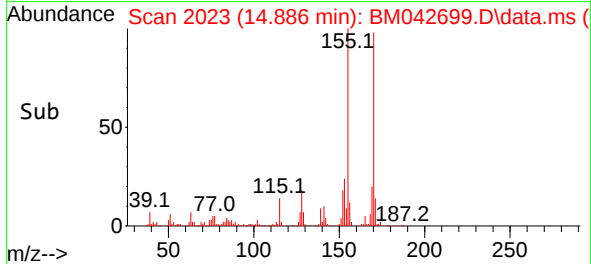
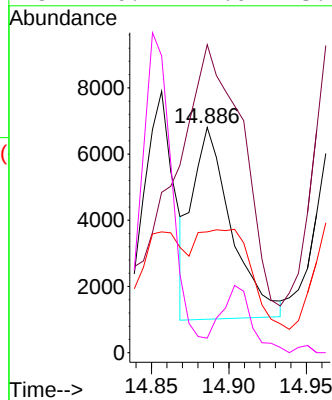
Ion Ratio Lower Upper

165 100

63 136.8 66.7 100.1#

89 53.6 80.2 120.4#

182 6.4 2.0 3.0#



#58

Fluorene

Concen: 69.145 ng

RT: 15.557 min Scan# 2137

Delta R.T. 0.006 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

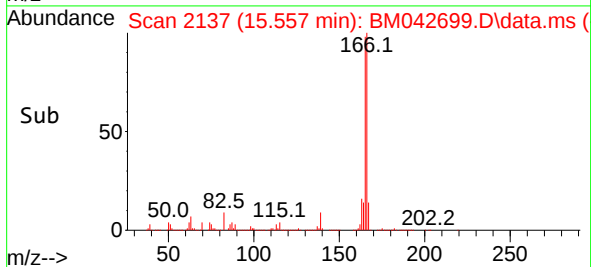
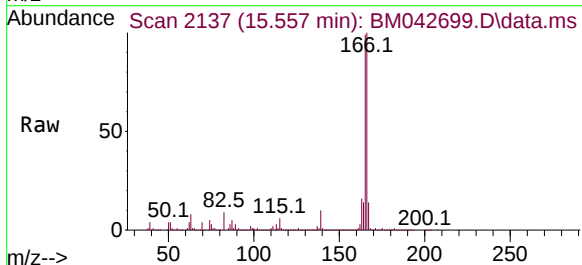
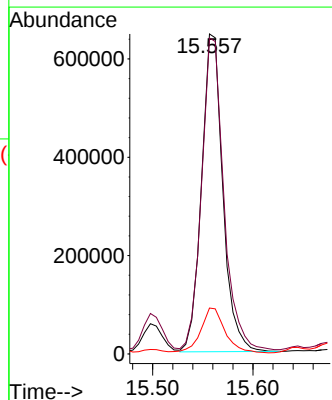
Tgt Ion:166 Resp: 956696

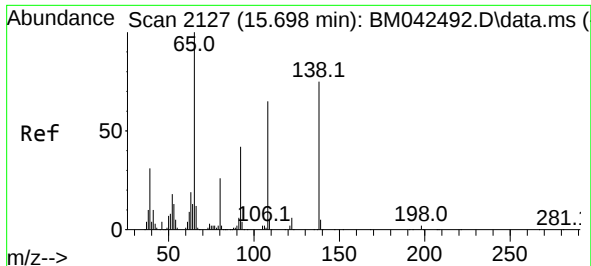
Ion Ratio Lower Upper

166 100

165 98.8 79.3 118.9

167 14.4 10.5 15.7





#62

4-Nitroaniline

Concen: 5.868 ng

RT: 15.668 min Scan# 2127

Delta R.T. 0.041 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

Instrument :

BNA_M

ClientSampleId :

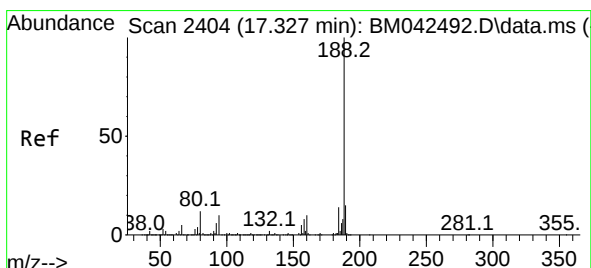
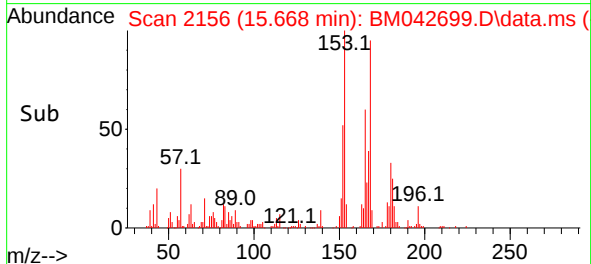
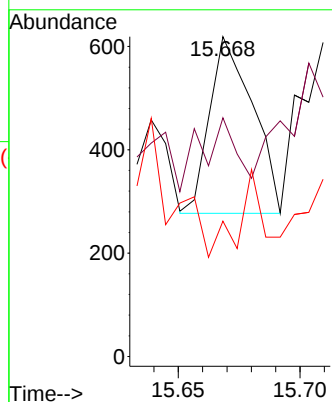
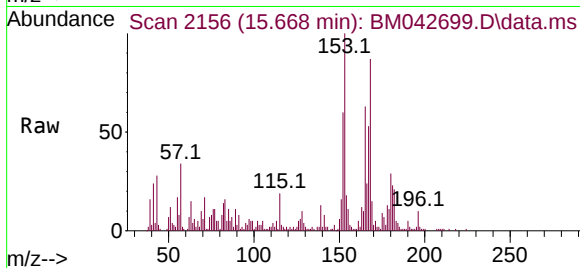
Tgt Ion:138 Resp: 422

Ion Ratio Lower Upper

138 100

92 74.6 37.0 77.0

108 42.3 67.2 107.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.262 min Scan# 2427

Delta R.T. 0.006 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

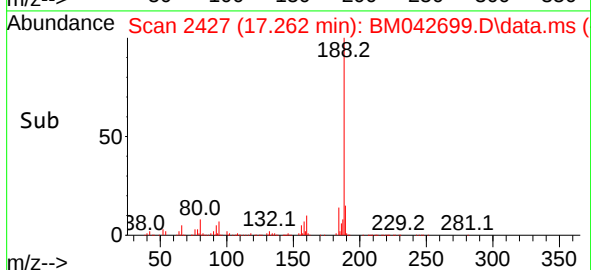
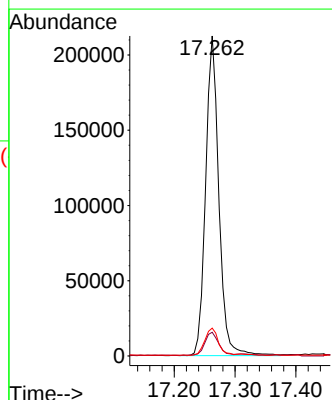
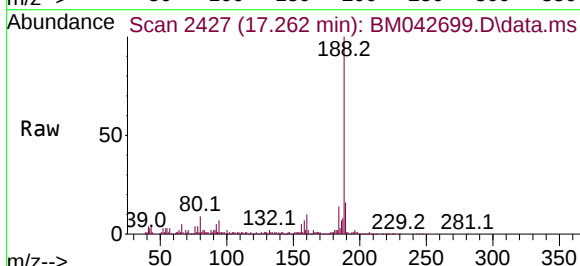
Tgt Ion:188 Resp: 320567

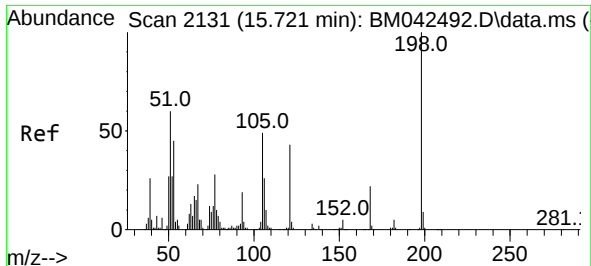
Ion Ratio Lower Upper

188 100

94 7.4 8.2 12.4#

80 8.7 9.4 14.2#

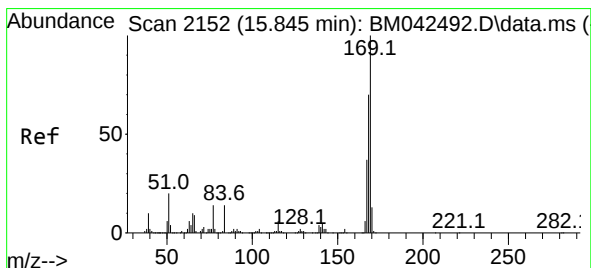
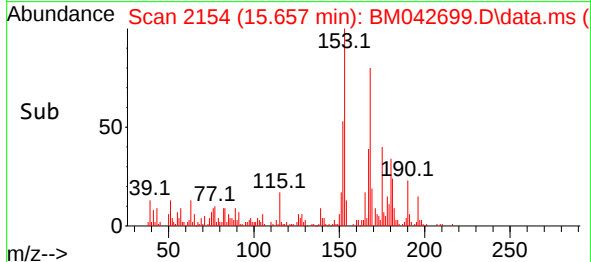
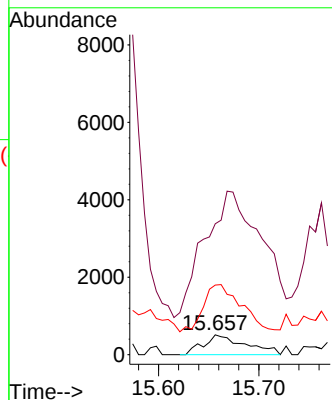
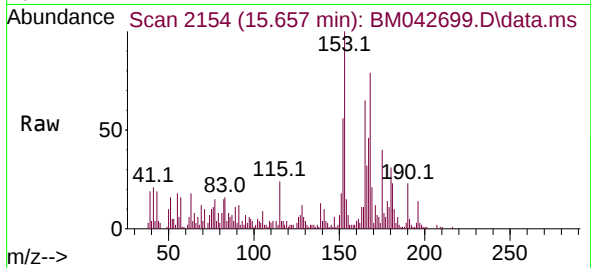




#65
4,6-Dinitro-2-methylphenol
Concen: 6.467 ng
RT: 15.657 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

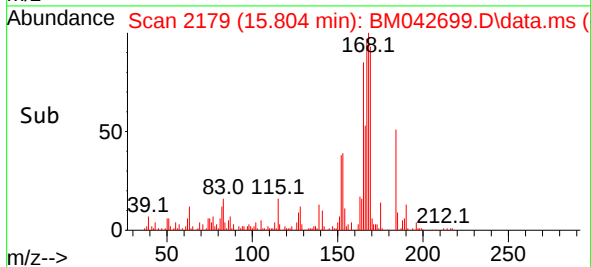
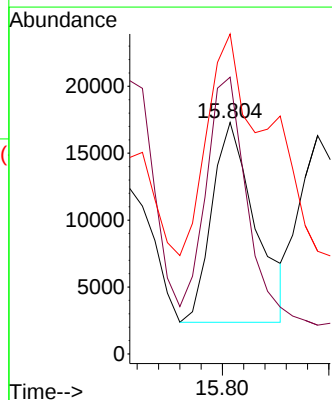
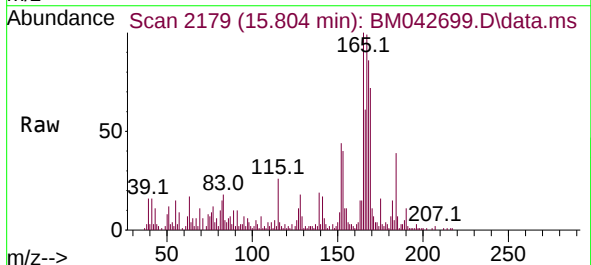
Instrument :
BNA_M
ClientSampleId :

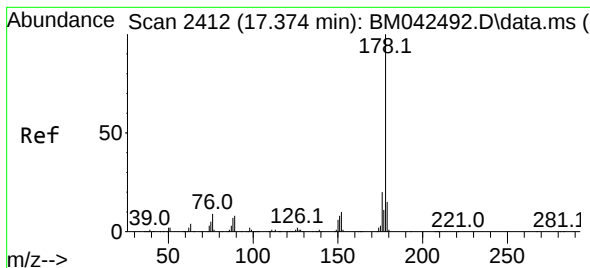
Tgt Ion:198 Resp: 1484
Ion Ratio Lower Upper
198 100
51 659.1 42.4 82.4#
105 350.7 29.2 69.2#



#66
n-Nitrosodiphenylamine
Concen: 2.348 ng
RT: 15.804 min Scan# 2179
Delta R.T. 0.029 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Tgt Ion:169 Resp: 21221
Ion Ratio Lower Upper
169 100
168 119.6 55.9 83.9#
167 138.3 29.8 44.8#





#71

Phenanthrene

Concen: 296.839 ng

RT: 17.315 min Scan# 24

Delta R.T. 0.018 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

Instrument :

BNA_M

ClientSampleId :

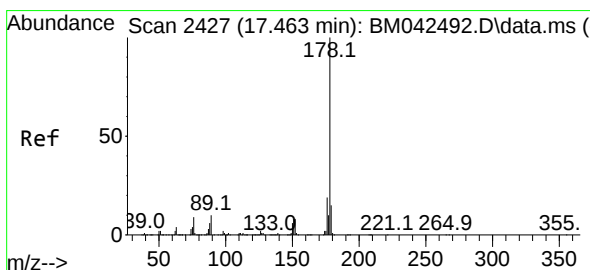
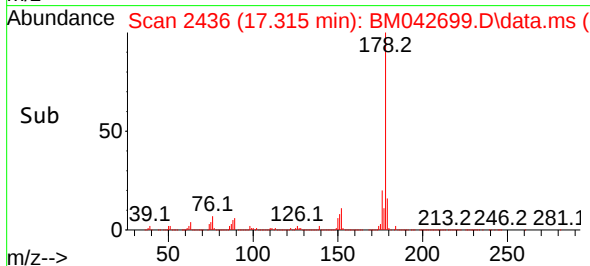
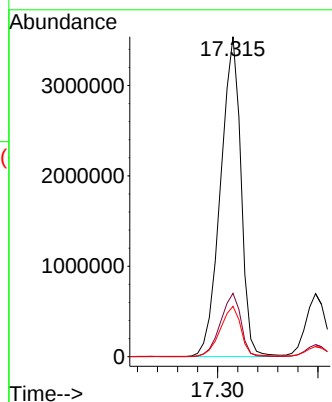
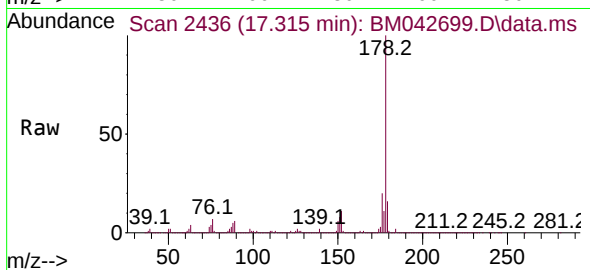
Tgt Ion:178 Resp: 4972819

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.8 12.2 18.4



#72

Anthracene

Concen: 58.938 ng

RT: 17.398 min Scan# 2450

Delta R.T. 0.006 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

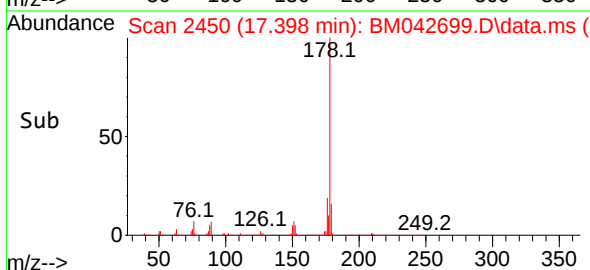
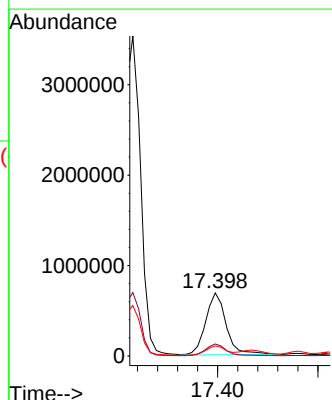
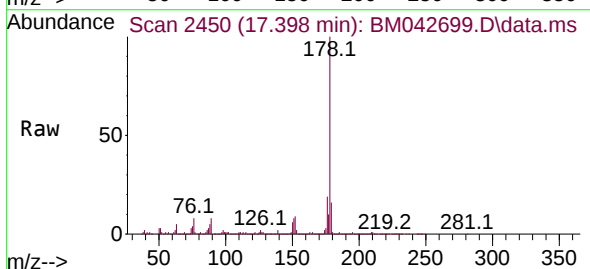
Tgt Ion:178 Resp: 977968

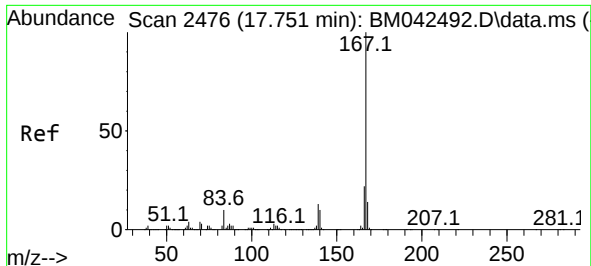
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 16.0 12.3 18.5

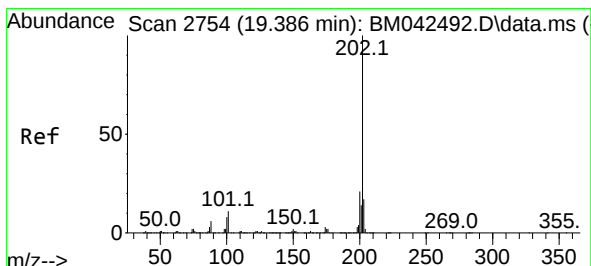
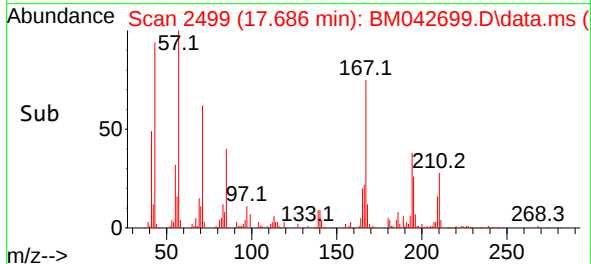
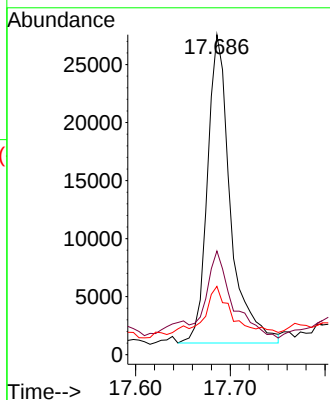
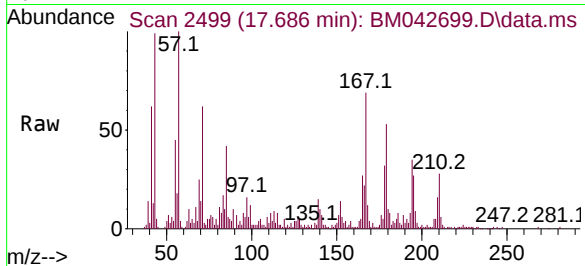




#73
 Carbazole
 Concen: 3.318 ng
 RT: 17.686 min Scan# 2476
 Delta R.T. 0.006 min
 Lab File: BM042699.D
 Acq: 10 Nov 2023 19:46

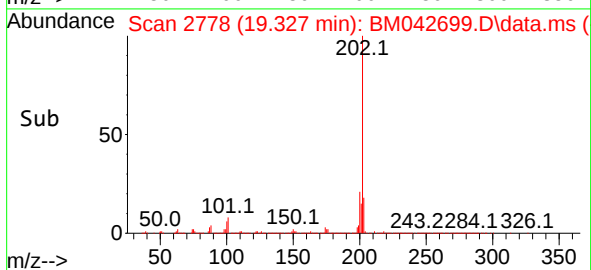
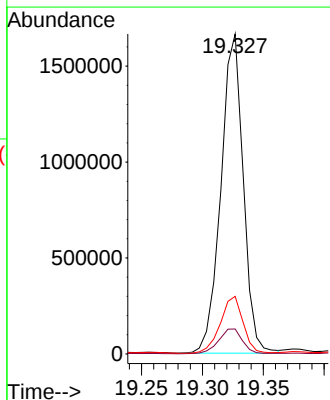
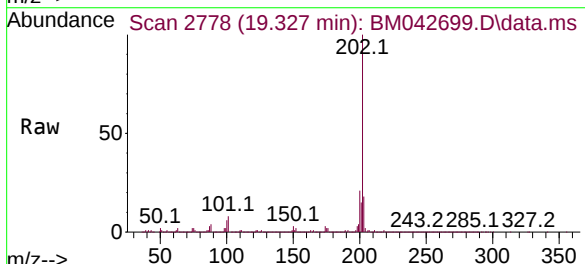
Instrument :
 BNA_M
 ClientSampleId :

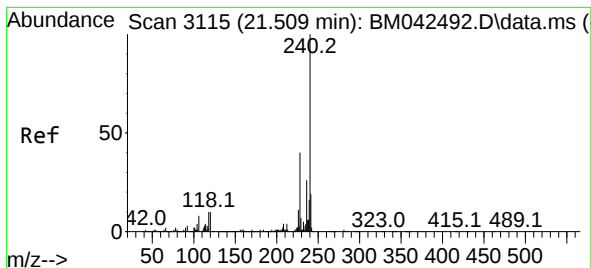
Tgt Ion:167 Resp: 44790
 Ion Ratio Lower Upper
 167 100
 166 32.4 17.4 26.2#
 139 21.4 10.5 15.7#



#75
 Fluoranthene
 Concen: 107.699 ng
 RT: 19.327 min Scan# 2778
 Delta R.T. 0.012 min
 Lab File: BM042699.D
 Acq: 10 Nov 2023 19:46

Tgt Ion:202 Resp: 2119385
 Ion Ratio Lower Upper
 202 100
 101 7.8 0.0 30.5
 203 18.0 0.0 37.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

Instrument :

BNA_M

ClientSampleId :

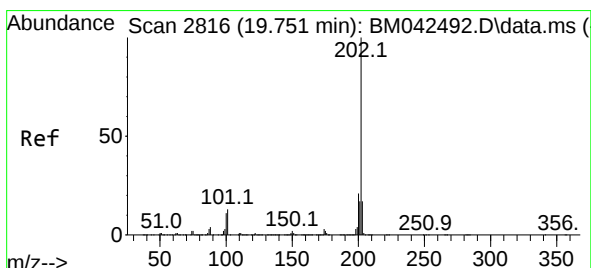
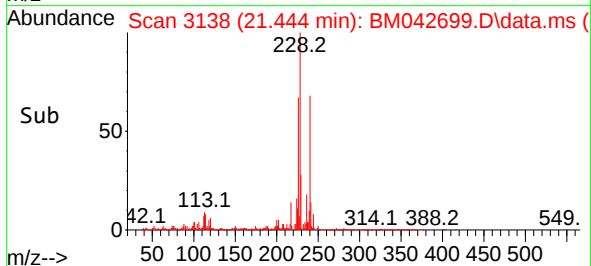
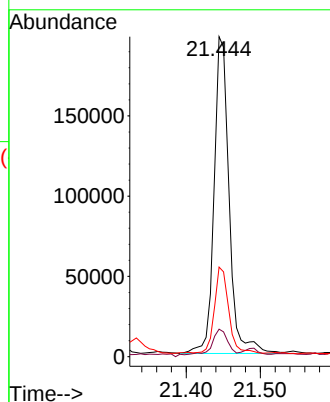
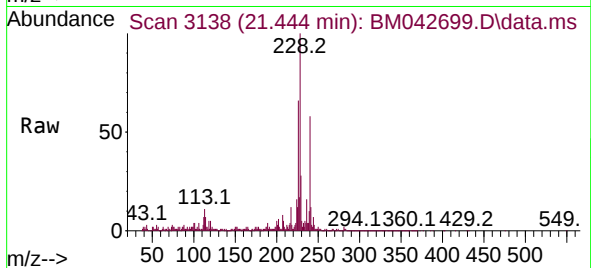
Tgt Ion:240 Resp: 278573

Ion Ratio Lower Upper

240 100

120 8.6 8.3 12.5

236 28.0 20.8 31.2



#78

Pyrene

Concen: 200.156 ng

RT: 19.697 min Scan# 2841

Delta R.T. 0.018 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

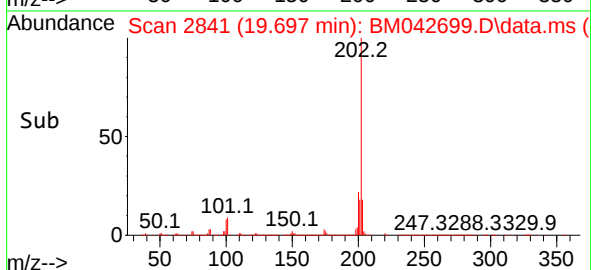
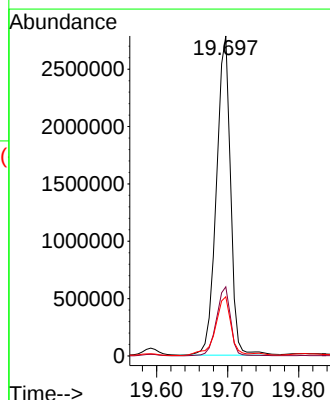
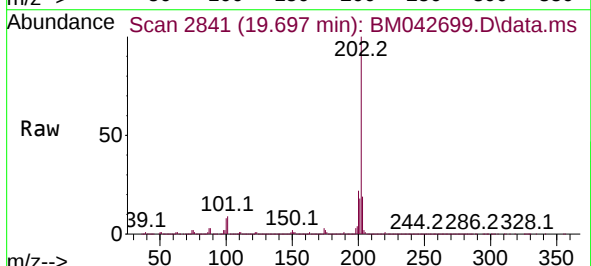
Tgt Ion:202 Resp: 3828715

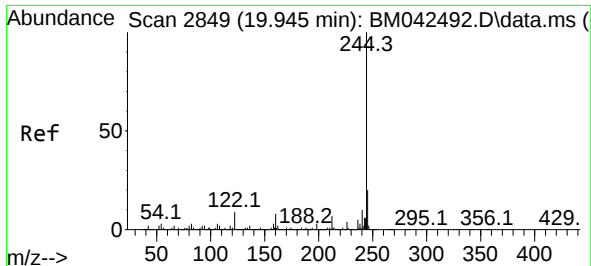
Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

203 18.5 13.7 20.5

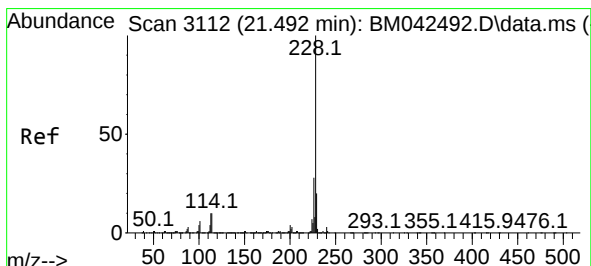
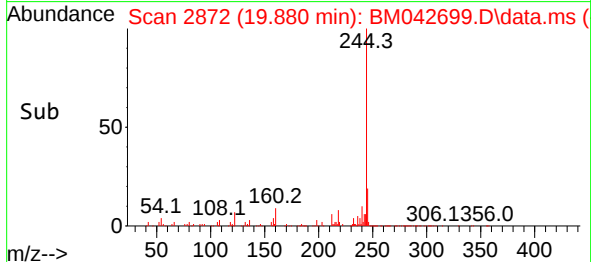
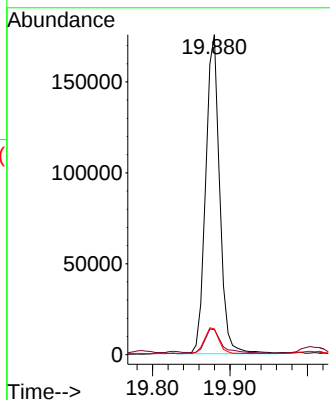
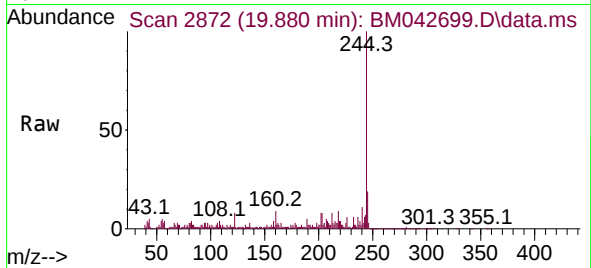




#79
 Terphenyl-d14
 Concen: 13.393 ng
 RT: 19.880 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM042699.D
 Acq: 10 Nov 2023 19:46

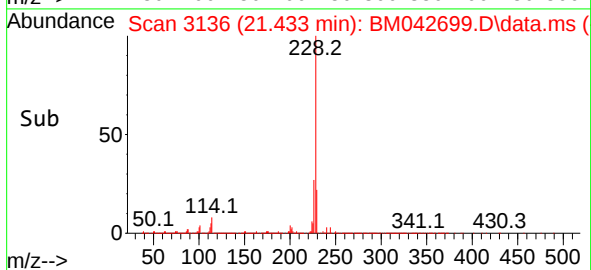
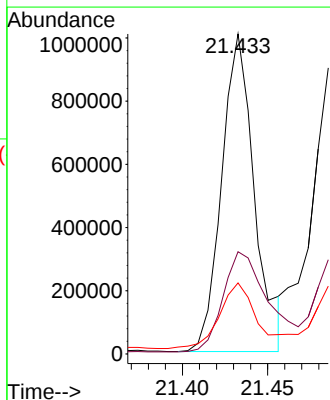
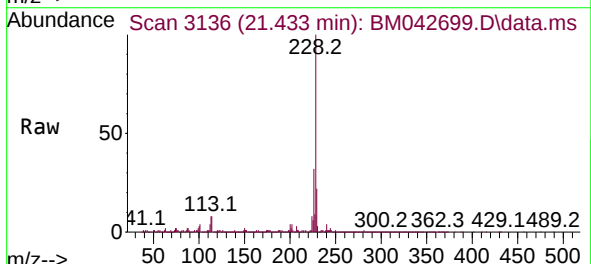
Instrument :
 BNA_M
 ClientSampleId :

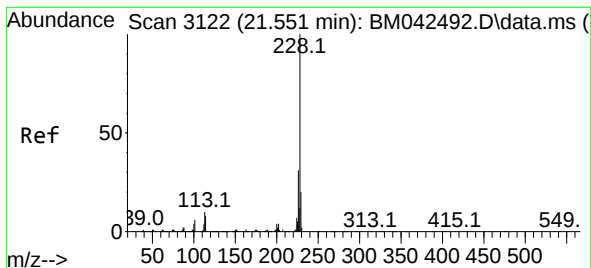
Tgt Ion:244 Resp: 220031
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 8.0 7.2 10.8



#81
 Benzo(a)anthracene
 Concen: 75.889 ng
 RT: 21.433 min Scan# 3136
 Delta R.T. 0.006 min
 Lab File: BM042699.D
 Acq: 10 Nov 2023 19:46

Tgt Ion:228 Resp: 1345084
 Ion Ratio Lower Upper
 228 100
 226 31.9 22.3 33.5
 229 22.2 15.8 23.8





#83

Chrysene

Concen: 74.710 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.047 min

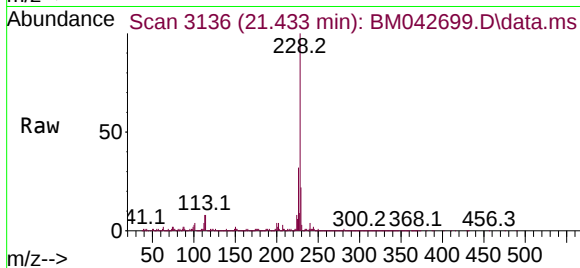
Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

Instrument :

BNA_M

ClientSampleId :



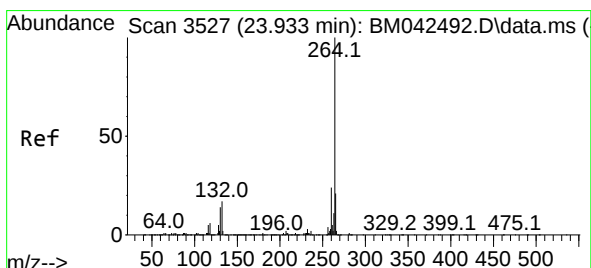
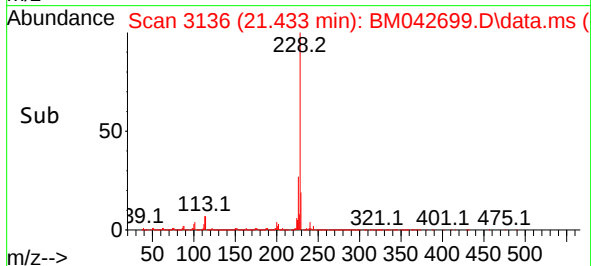
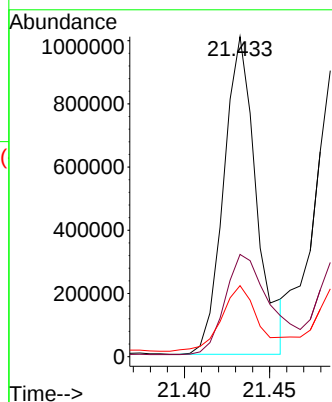
Tgt Ion:228 Resp: 1345084

Ion Ratio Lower Upper

228 100

226 31.9 24.4 36.6

229 22.2 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3543

Delta R.T. 0.012 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

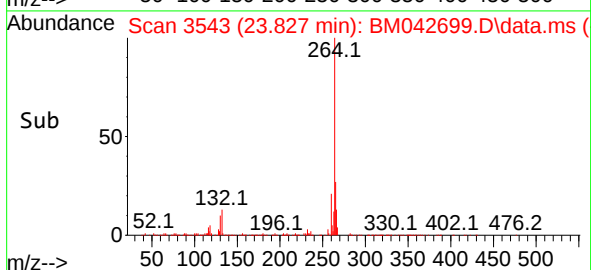
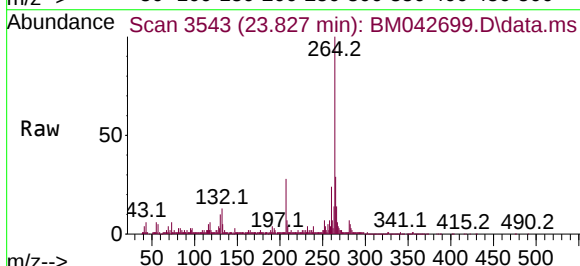
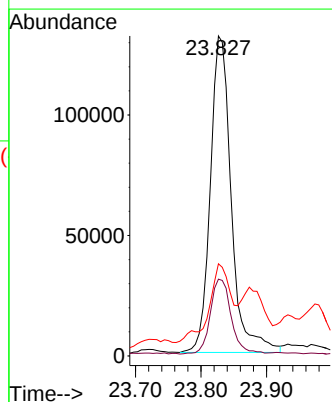
Tgt Ion:264 Resp: 292229

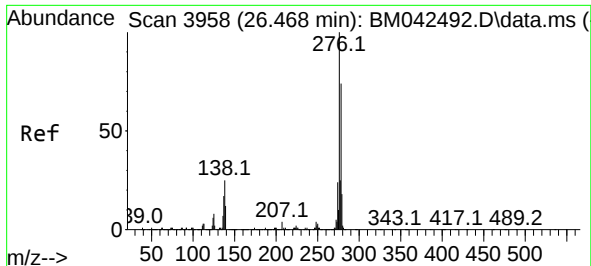
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 28.8 18.7 28.1#

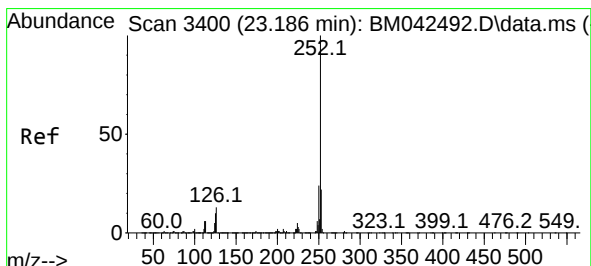
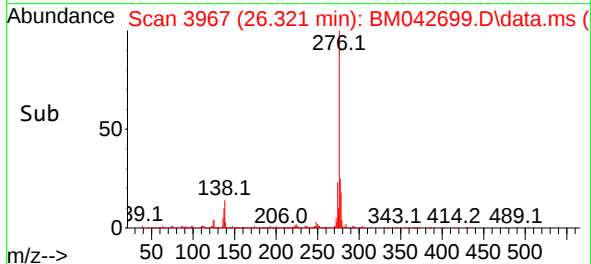
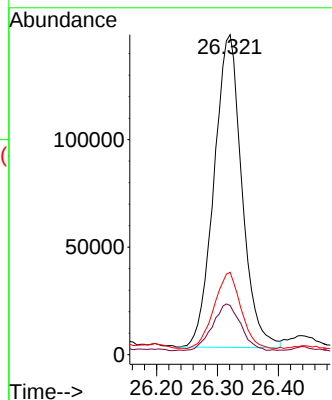
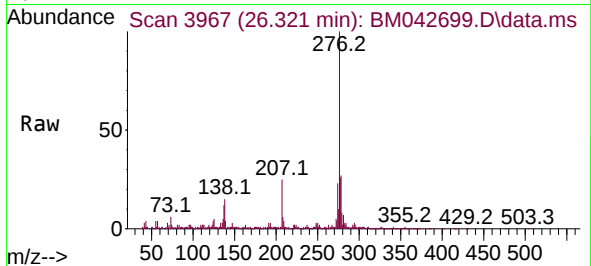




#87
Indeno(1,2,3-cd)pyrene
Concen: 26.595 ng
RT: 26.321 min Scan# 3958
Delta R.T. 0.018 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

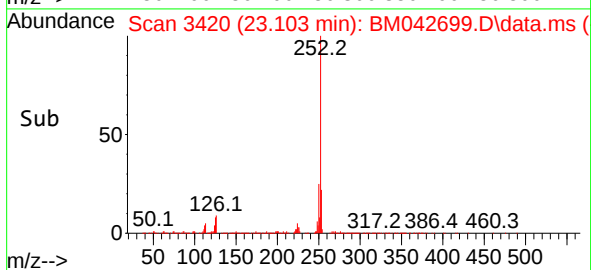
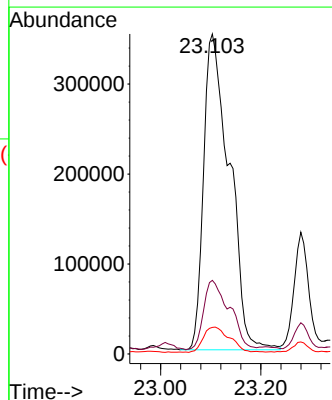
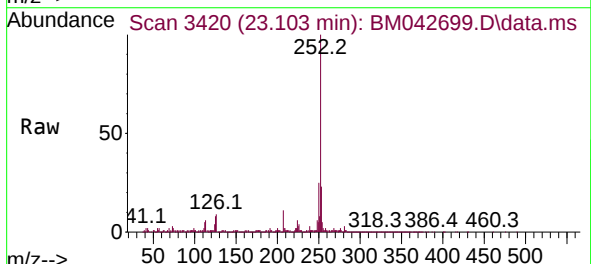
Instrument :
BNA_M
ClientSampleId :

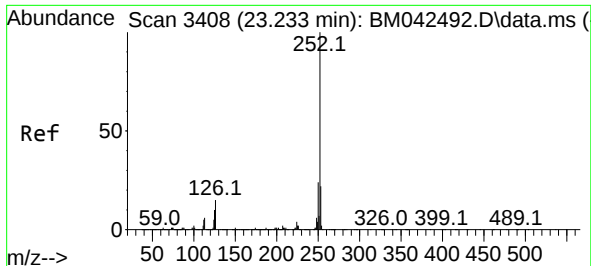
Tgt Ion:276 Resp: 462558
Ion Ratio Lower Upper
276 100
138 15.3 20.6 31.0#
277 23.9 19.5 29.3



#88
Benzo(b)fluoranthene
Concen: 77.233 ng
RT: 23.103 min Scan# 3420
Delta R.T. 0.018 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Tgt Ion:252 Resp: 1257400
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 8.3 7.8 11.6

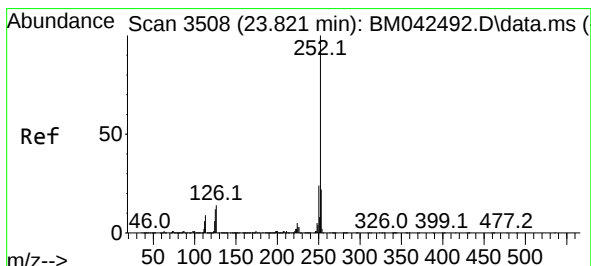
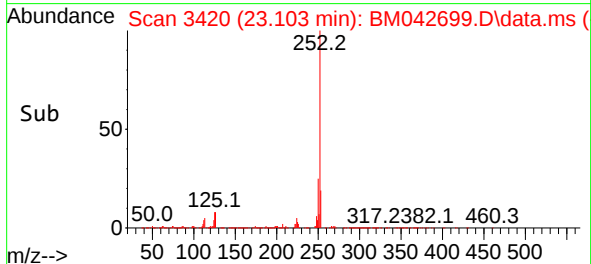
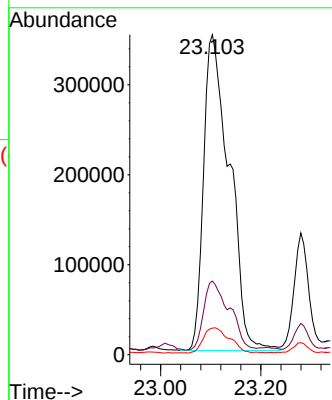
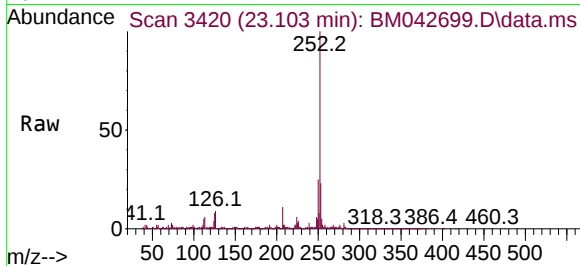




#89
Benzo(k)fluoranthene
Concen: 69.310 ng
RT: 23.103 min Scan# 34
Delta R.T. -0.035 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

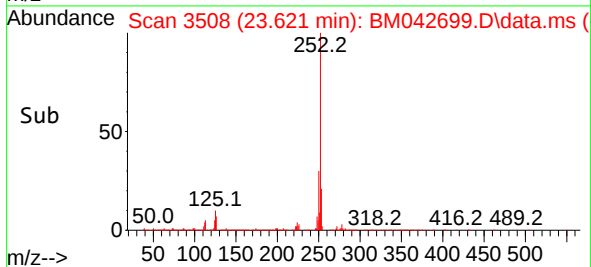
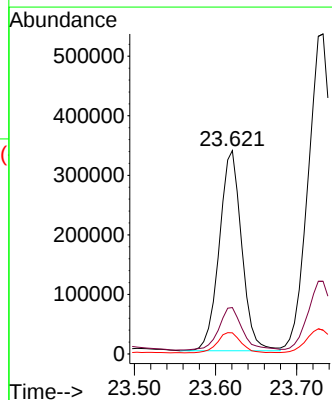
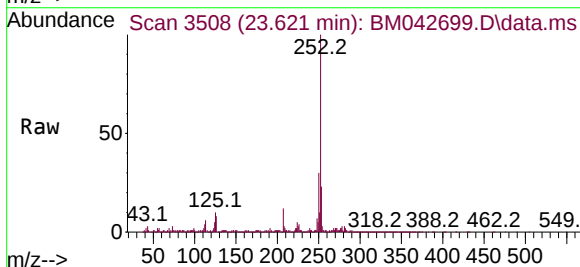
Instrument :
BNA_M
ClientSampleId :

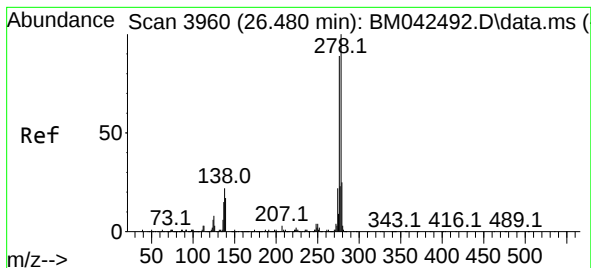
Tgt Ion:252 Resp: 1257400
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 8.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 40.285 ng
RT: 23.621 min Scan# 3508
Delta R.T. -0.094 min
Lab File: BM042699.D
Acq: 10 Nov 2023 19:46

Tgt Ion:252 Resp: 645712
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.4 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 12.525 ng

RT: 26.321 min Scan# 3960

Delta R.T. 0.006 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

Instrument :

BNA_M

ClientSampleId :

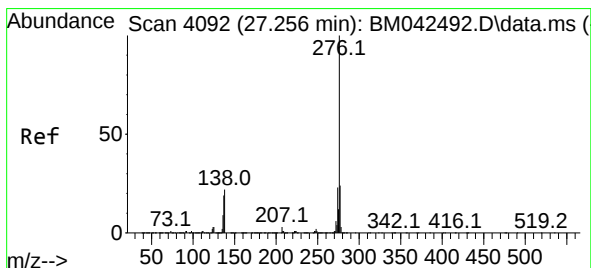
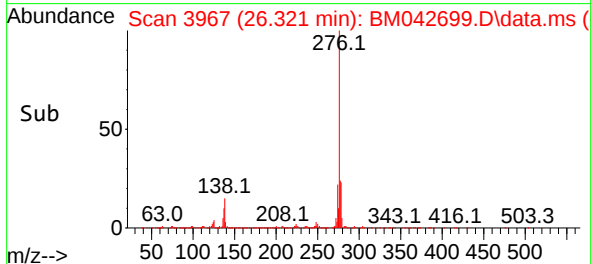
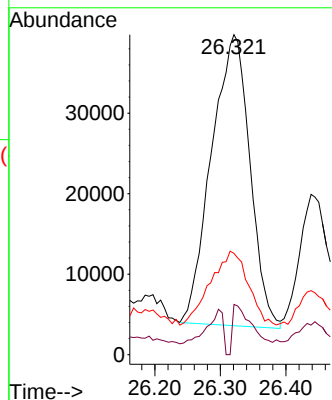
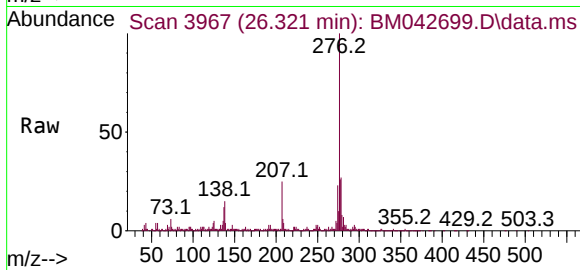
Tgt Ion:278 Resp: 147364

Ion Ratio Lower Upper

278 100

139 15.7 13.4 20.2

279 31.7 19.7 29.5#



#92

Benzo(g,h,i)perylene

Concen: 35.511 ng

RT: 27.103 min Scan# 4100

Delta R.T. 0.023 min

Lab File: BM042699.D

Acq: 10 Nov 2023 19:46

Tgt Ion:276 Resp: 544350

Ion Ratio Lower Upper

276 100

277 24.9 19.2 28.8

138 15.8 17.3 25.9#

