

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
 Data File : BM037242.D
 Acq On : 26 Oct 2022 17:15
 Operator : CG/JU
 Sample : PB148383BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148383BL

Quant Time: Oct 27 04:59:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 04:49:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	252064	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	977329	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	591554	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1155675	20.000	ng	0.00
76) Chrysene-d12	21.433	240	917322	20.000	ng	0.00
86) Perylene-d12	23.803	264	811651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1440206	117.143	ng	0.00
7) Phenol-d6	7.057	99	1795291	105.505	ng	0.00
23) Nitrobenzene-d5	9.057	82	1611973	94.160	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	711540	97.032	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	4123467	98.442	ng	0.00
79) Terphenyl-d14	19.880	244	5444444	121.415	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	526	0.104	ng	# 25
3) Pyridine	3.734	79	57	0.004	ng	# 1
4) n-Nitrosodimethylamine	3.646	42	228	0.037	ng	# 1
6) Aniline	7.222	93	59	0.003	ng	# 45
9) Benzaldehyde	7.057	77	3504	0.373	ng	# 1
10) Phenol	7.063	94	150	0.008	ng	# 1
11) bis(2-Chloroethyl)ether	7.222	93	59	0.004	ng	# 22
15) Benzyl Alcohol	8.134	79	265	0.021	ng	# 21
16) 2,2'-oxybis(1-Chloropr...	8.422	45	130	0.006	ng	# 1
22) Acetophenone	8.716	105	65	0.003	ng	# 1
24) Nitrobenzene	9.057	77	4735	0.270	ng	# 33
25) Isophorone	9.634	82	330	0.011	ng	# 64
31) Naphthalene	10.734	128	908	0.017	ng	# 69
37) 2-Methylnaphthalene	12.357	142	140	0.004	ng	# 8
38) 1-Methylnaphthalene	12.357	142	140	0.004	ng	# 7
46) 1,1'-Biphenyl	13.357	154	281	0.006	ng	# 43
47) 2-Chloronaphthalene	13.404	162	150	0.004	ng	# 40
49) Acenaphthylene	14.239	152	545	0.010	ng	# 61
50) Dimethylphthalate	13.998	163	361	0.008	ng	# 77
52) Acenaphthene	14.586	154	432	0.013	ng	# 84
53) 3-Nitroaniline	14.522	138	70	0.007	ng	# 1
55) Dibenzofuran	14.927	168	622	0.012	ng	# 81
56) 4-Nitrophenol	14.933	139	167	0.021	ng	# 8
58) Fluorene	15.575	166	431	0.010	ng	# 47
60) Diethylphthalate	15.339	149	1308	0.031	ng	# 80
63) Azobenzene	15.851	77	345	0.009	ng	# 63
66) n-Nitrosodiphenylamine	16.004	169	20805	0.610	ng	# 45
70) Pentachlorophenol	16.927	266	57	0.006	ng	# 34
71) Phenanthrene	17.304	178	1594	0.025	ng	# 82
72) Anthracene	17.392	178	654	0.011	ng	# 61
73) Carbazole	17.680	167	126	0.002	ng	# 59
74) Di-n-butylphthalate	18.227	149	1568	0.024	ng	# 67
75) Fluoranthene	19.327	202	578	0.008	ng	# 64
77) Benzidine	19.539	184	362	0.027	ng	# 68
78) Pyrene	19.880	202	16741	0.276	ng	# 69
80) Butylbenzylphthalate	20.574	149	249	0.011	ng	# 65

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

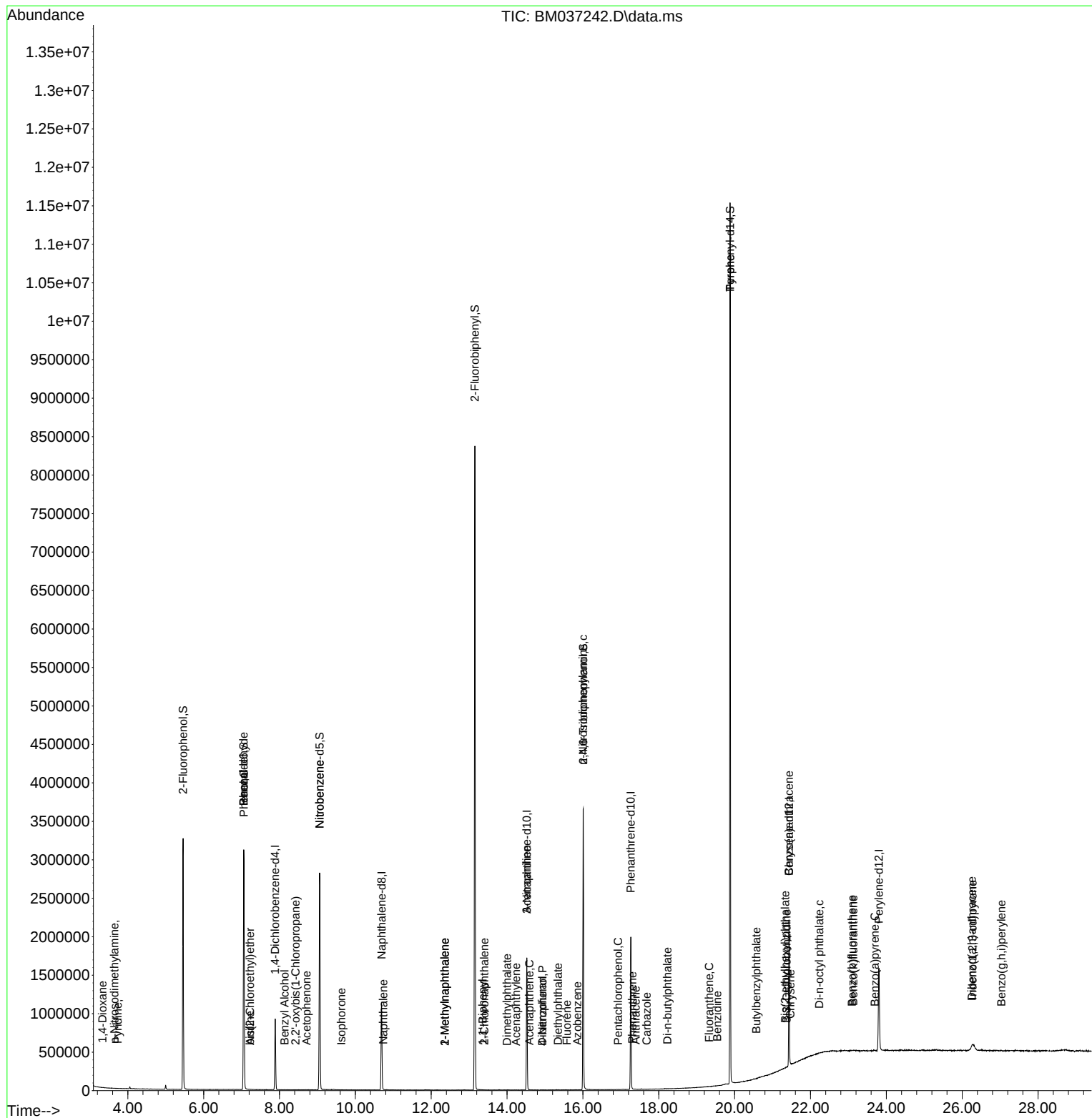
81) Benzo(a)anthracene	21.433	228	2890	0.049	ng	# 71
82) 3,3'-Dichlorobenzidine	21.368	252	279	0.016	ng	# 57
83) Chrysene	21.474	228	517	0.009	ng	# 49
84) Bis(2-ethylhexyl)phtha...	21.333	149	361	0.011	ng	# 53
85) Di-n-octyl phthalate	22.233	149	540	0.011	ng	# 36
87) Indeno(1,2,3-cd)pyrene	26.274	276	445	0.008	ng	# 65
88) Benzo(b)fluoranthene	23.092	252	546	0.011	ng	# 1
89) Benzo(k)fluoranthene	23.133	252	572	0.011	ng	# 1
90) Benzo(a)pyrene	23.698	252	639	0.015	ng	# 1
91) Dibenzo(a,h)anthracene	26.256	278	259	0.006	ng	# 1
92) Benzo(g,h,i)perylene	27.033	276	349	0.008	ng	# 54

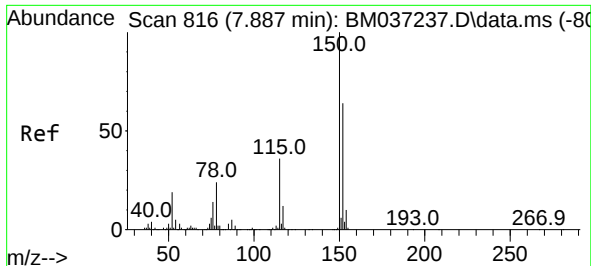
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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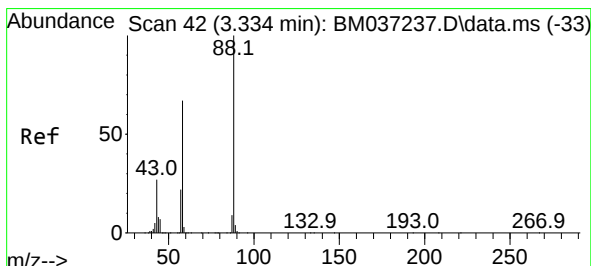
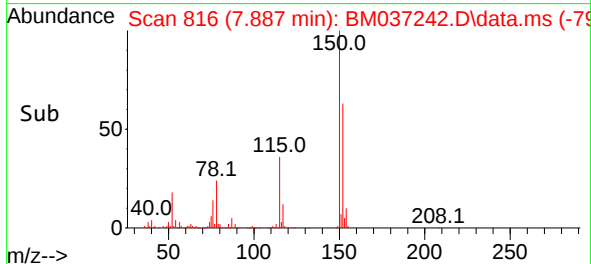
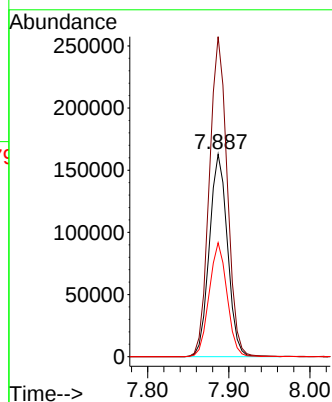
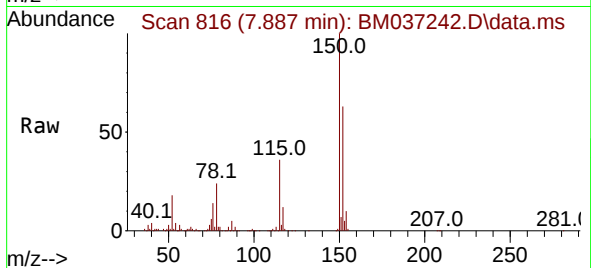




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

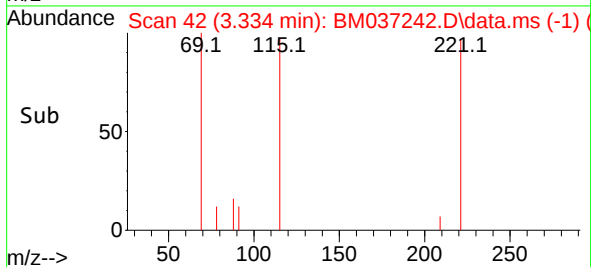
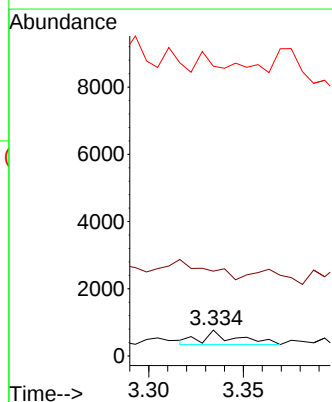
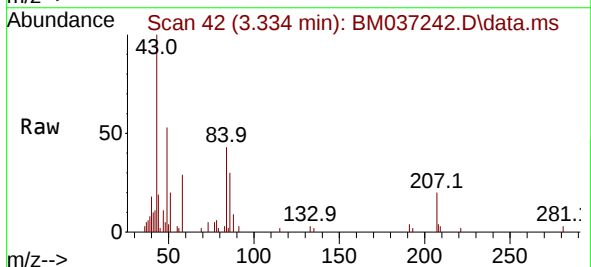
Instrument :
BNA_M
ClientSampleId :
PB148383BL

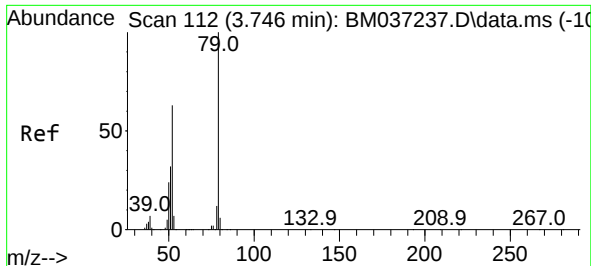
Tgt Ion:152 Resp: 252064
Ion Ratio Lower Upper
152 100
150 158.1 125.6 188.4
115 56.3 45.2 67.8



#2
1,4-Dioxane
Concen: 0.104 ng
RT: 3.334 min Scan# 42
Delta R.T. 0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion: 88 Resp: 526
Ion Ratio Lower Upper
88 100
58 0.0 54.7 82.1#
43 0.0 21.7 32.5#

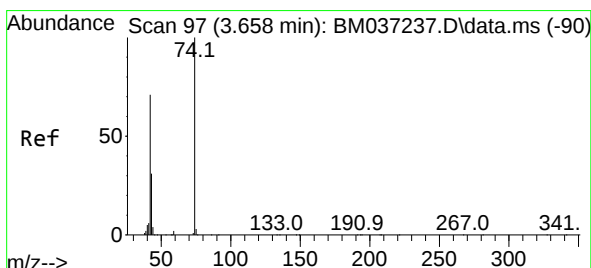
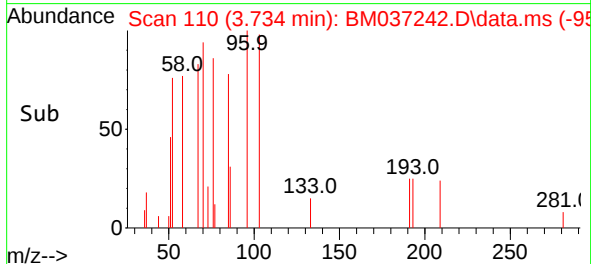
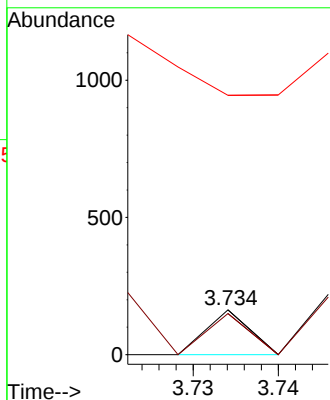
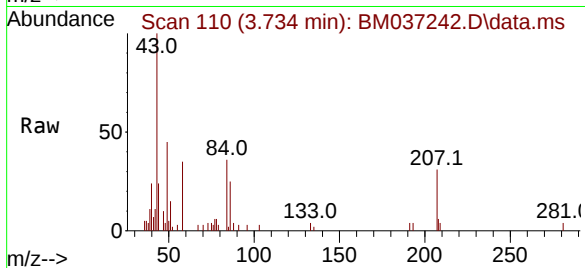




#3
Pyridine
Concen: 0.004 ng
RT: 3.734 min Scan# 112
Delta R.T. -0.012 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

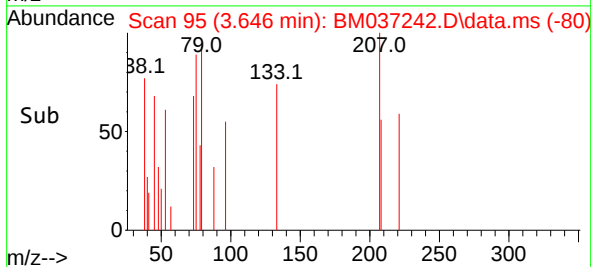
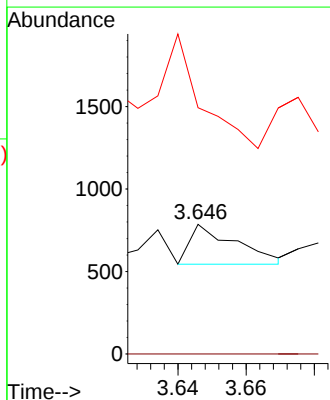
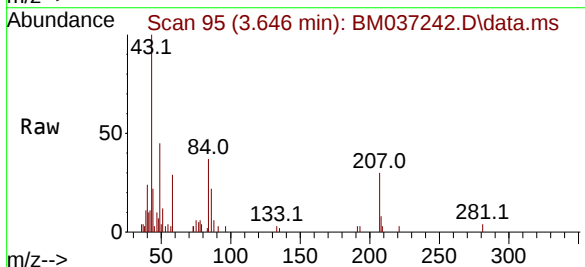
Instrument :
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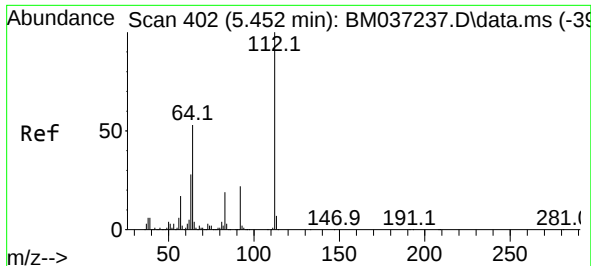
Tgt Ion: 79 Resp: 57
Ion Ratio Lower Upper
79 100
52 92.0 50.1 75.1#
51 579.8 25.4 38.2#



#4
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.646 min Scan# 95
Delta R.T. -0.012 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion: 42 Resp: 228
Ion Ratio Lower Upper
42 100
74 0.0 112.4 168.6#
44 189.9 5.0 7.6#

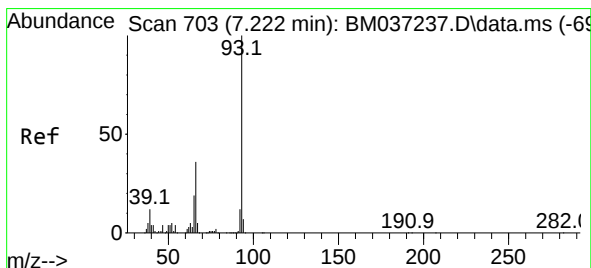
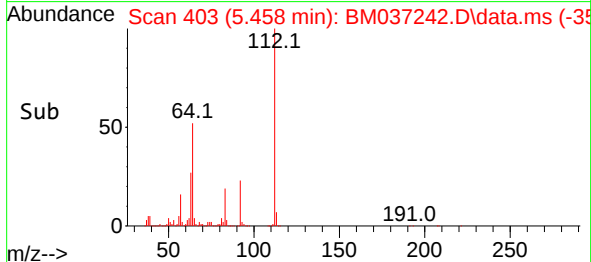
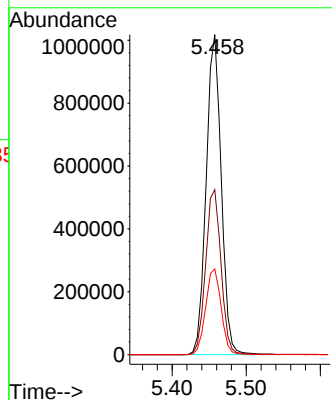
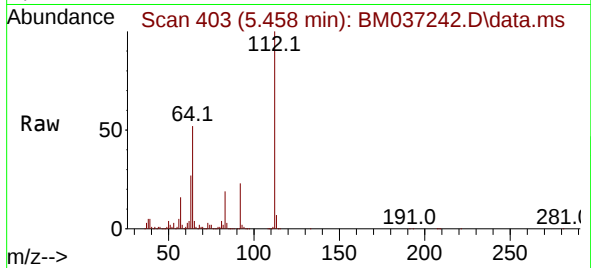




#5
2-Fluorophenol
Concen: 117.143 ng
RT: 5.458 min Scan# 402
Delta R.T. 0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

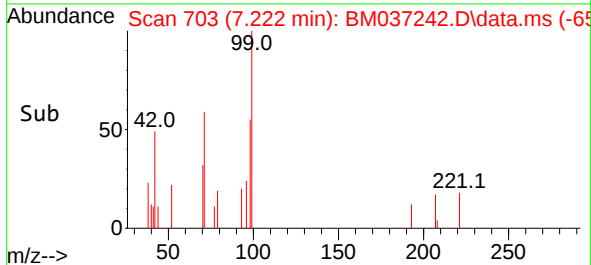
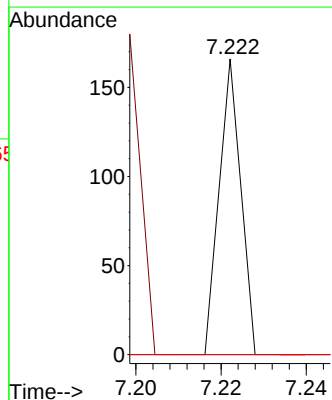
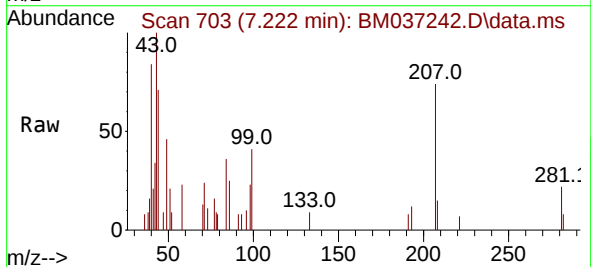
Instrument :
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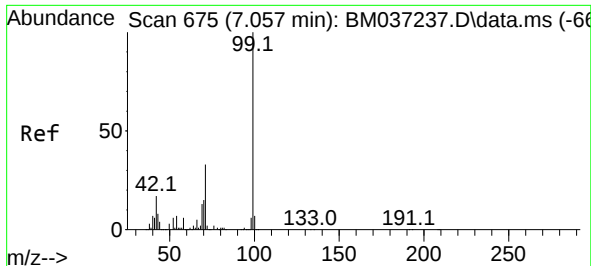
Tgt Ion:112 Resp: 1440206
Ion Ratio Lower Upper
112 100
64 51.5 42.5 63.7
63 26.8 22.6 33.8



#6
Aniline
Concen: 0.003 ng
RT: 7.222 min Scan# 703
Delta R.T. 0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion: 93 Resp: 59
Ion Ratio Lower Upper
93 100
66 0.0 29.0 43.6#
65 0.0 15.3 22.9#



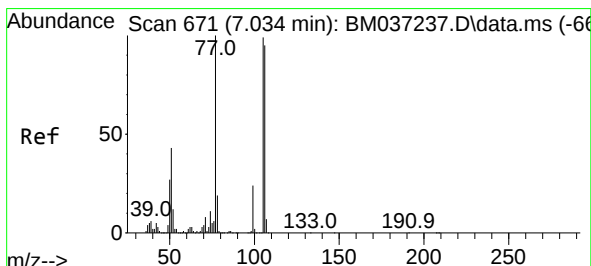
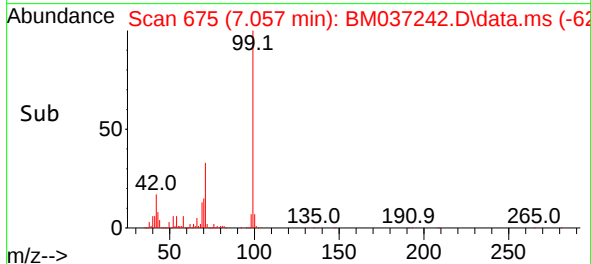
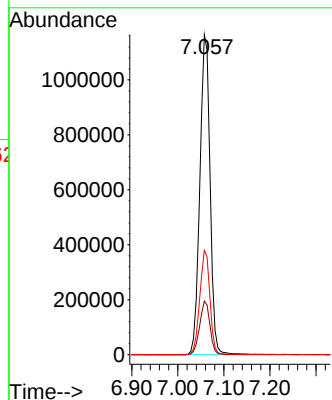
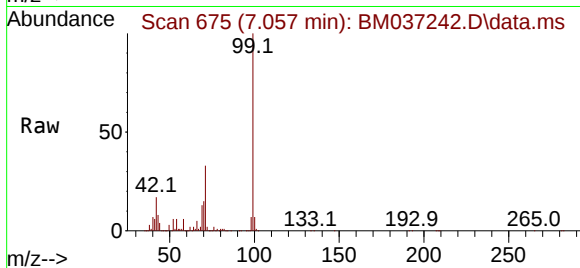


#7
Phenol-d6
Concen: 105.505 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Instrument :
BNA_M
ClientSampleId :
PB148383BL

Tgt Ion: 99 Resp: 1795291

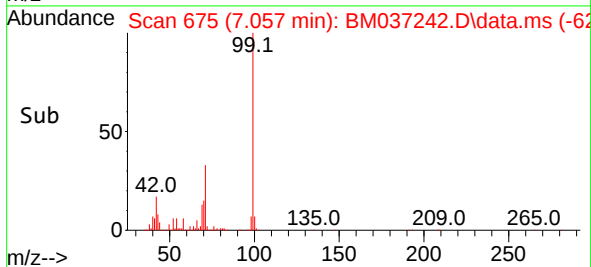
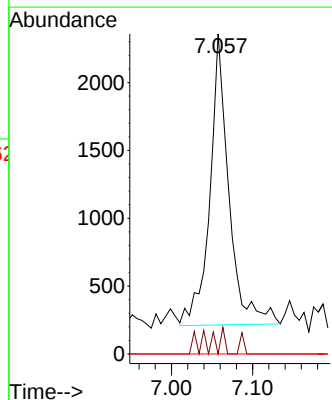
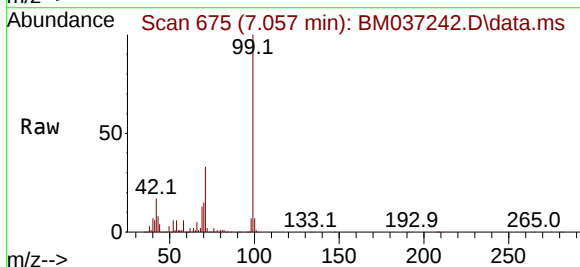
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	32.6	26.5	39.7

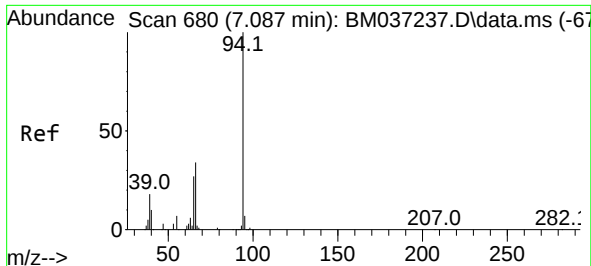


#9
Benzaldehyde
Concen: 0.373 ng
RT: 7.057 min Scan# 675
Delta R.T. 0.023 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion: 77 Resp: 3504

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.8	118.8#
106	0.0	75.1	115.1#

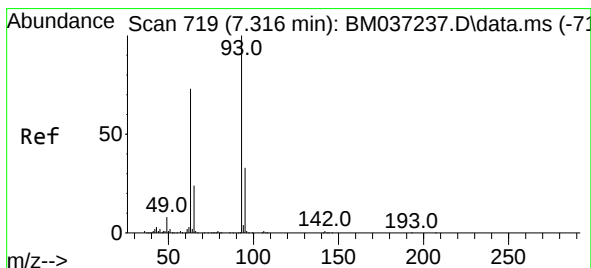
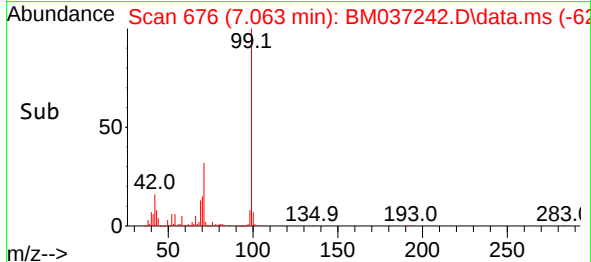
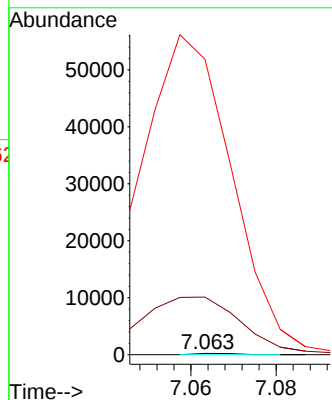
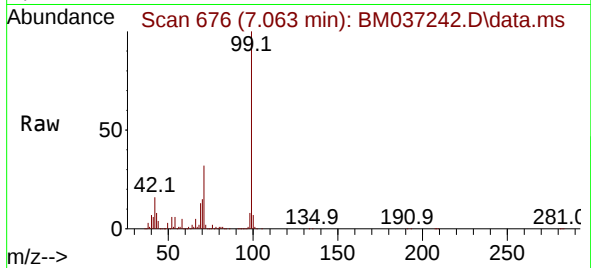




#10
Phenol
Concen: 0.008 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.023 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

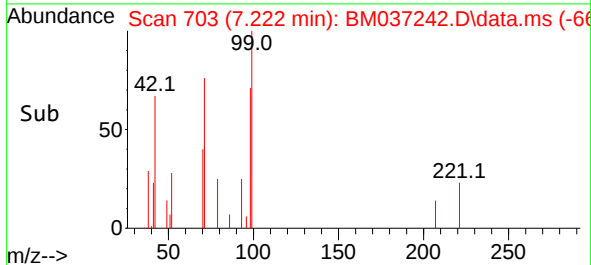
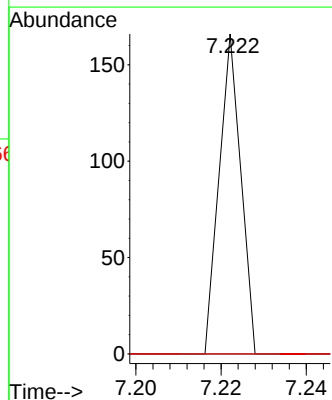
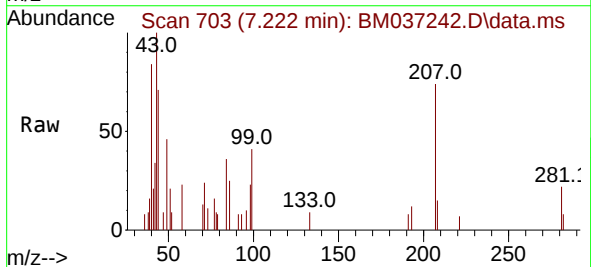
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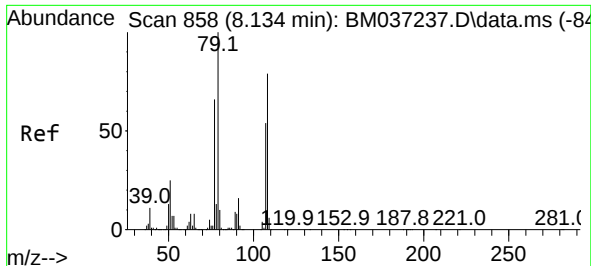
Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
65 4663.6 7.6 47.6#
66 23907.8 15.1 55.1#



#11
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.222 min Scan# 703
Delta R.T. -0.094 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion: 93 Resp: 59
Ion Ratio Lower Upper
93 100
63 0.0 53.2 93.2#
95 0.0 12.6 52.6#

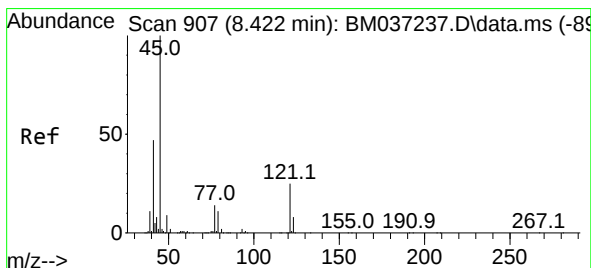
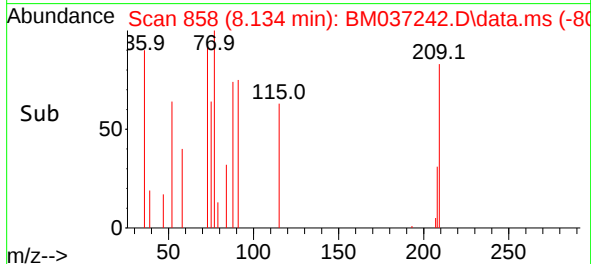
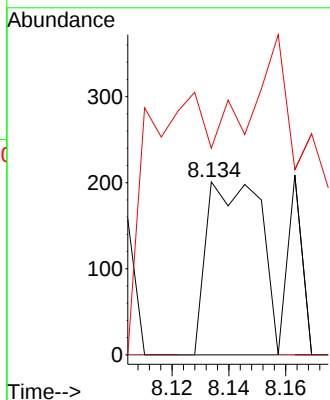
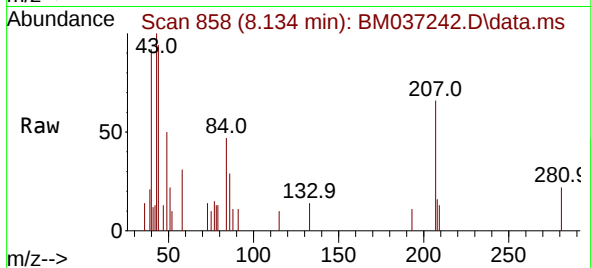




#15
Benzyl Alcohol
Concen: 0.021 ng
RT: 8.134 min Scan# 858
Delta R.T. -0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

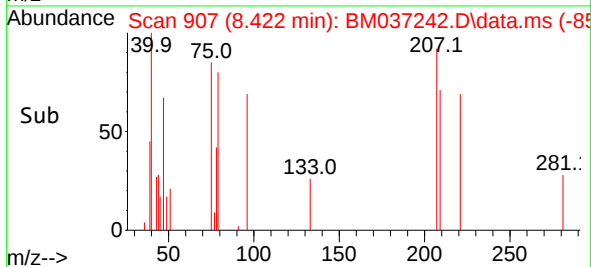
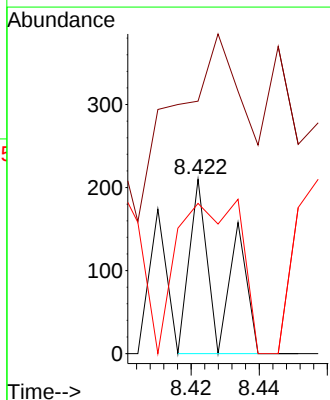
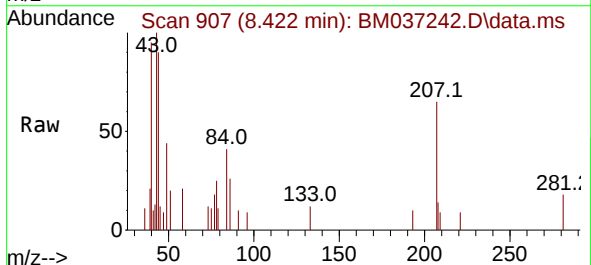
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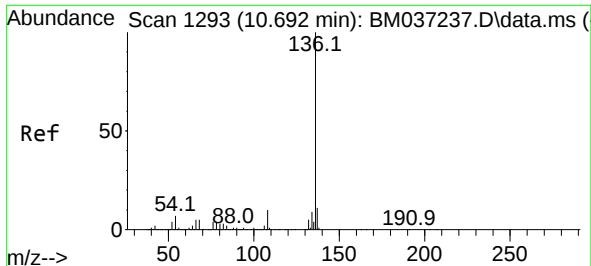
Tgt Ion: 79 Resp: 265
Ion Ratio Lower Upper
79 100
108 0.0 63.2 94.8#
77 119.4 53.0 79.6#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng
RT: 8.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion: 45 Resp: 130
Ion Ratio Lower Upper
45 100
77 144.8 0.0 35.8#
79 86.2 0.0 32.8#

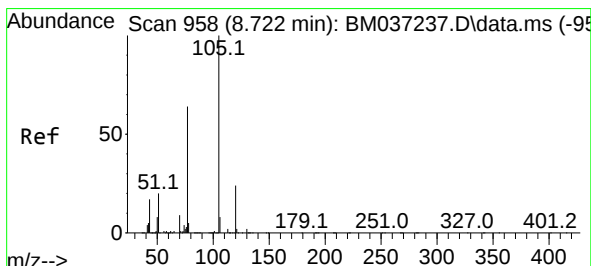
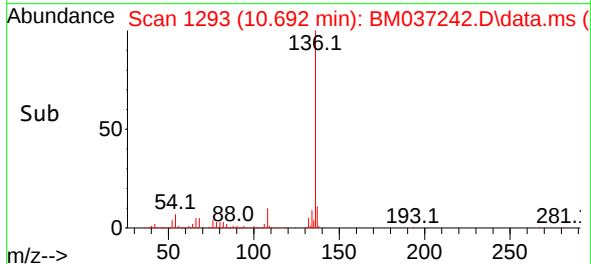
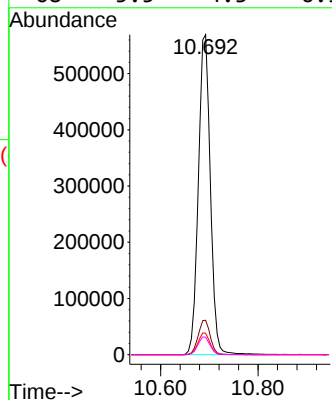
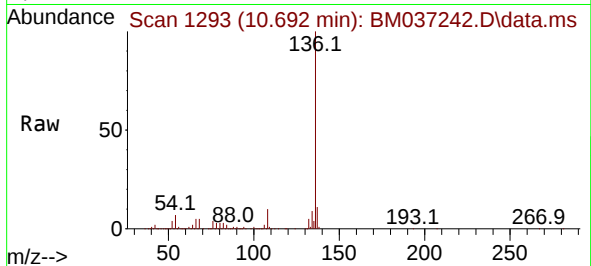




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

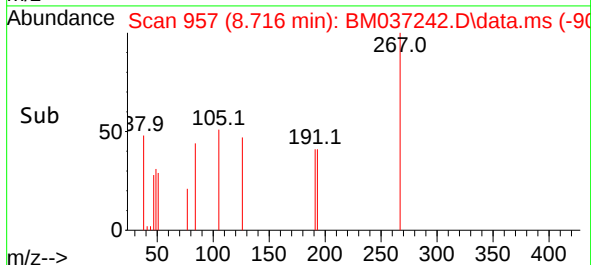
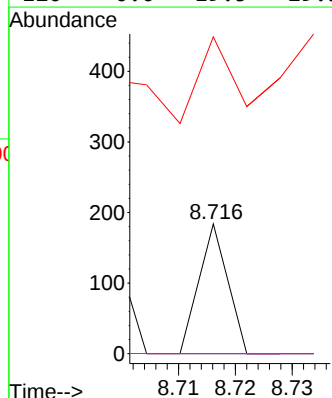
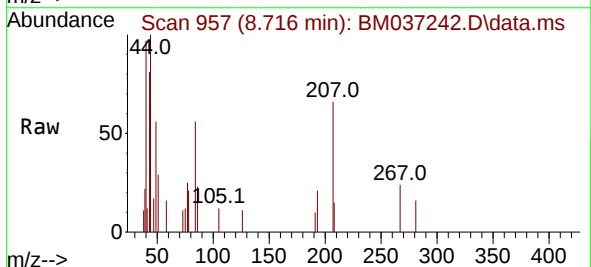
Instrument :
BNA_M
ClientSampleId :
PB148383BL

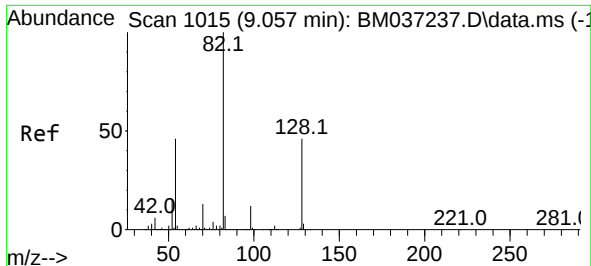
Tgt Ion:136 Resp: 977329
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.7 5.6 8.4
68 5.5 4.3 6.5



#22
Acetophenone
Concen: 0.003 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:105 Resp: 65
Ion Ratio Lower Upper
105 100
71 0.0 1.7 2.5#
51 244.0 19.2 28.8#
120 0.0 19.5 29.3#

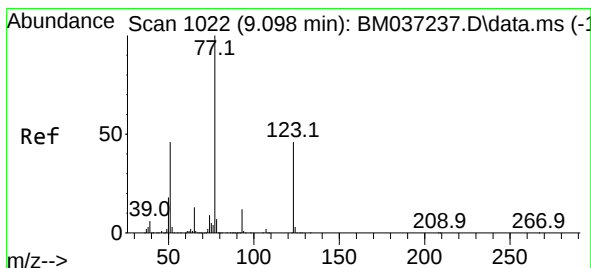
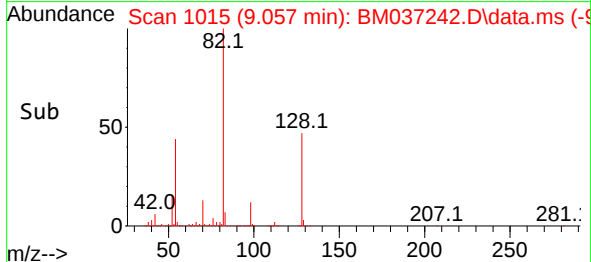
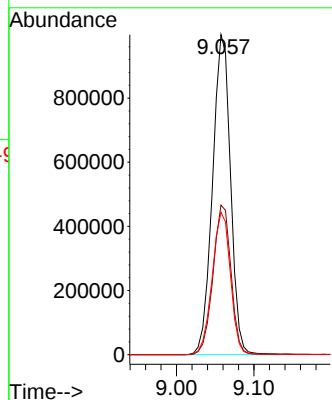
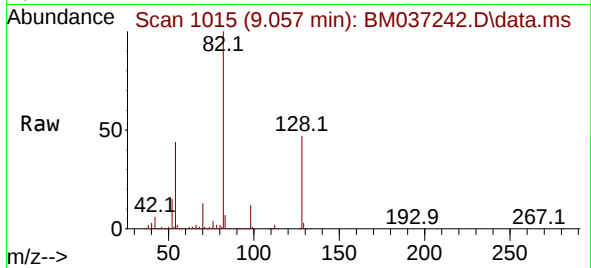




#23
Nitrobenzene-d5
Concen: 94.160 ng
RT: 9.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

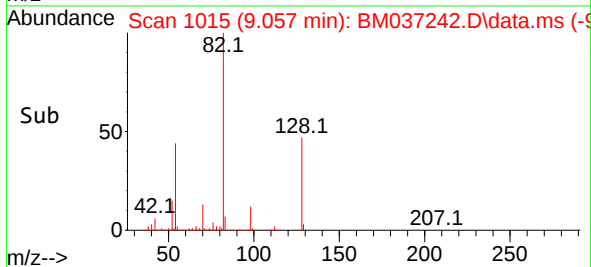
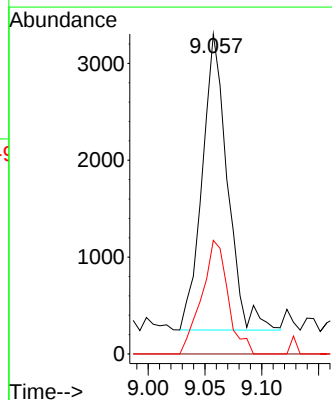
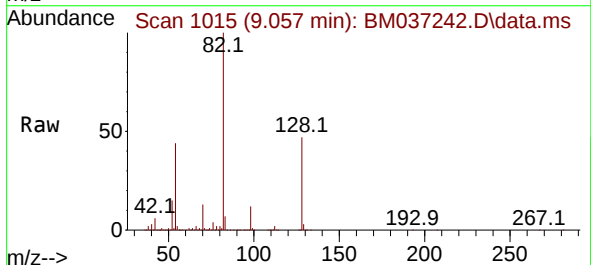
Instrument :
BNA_M
ClientSampleId :
PB148383BL

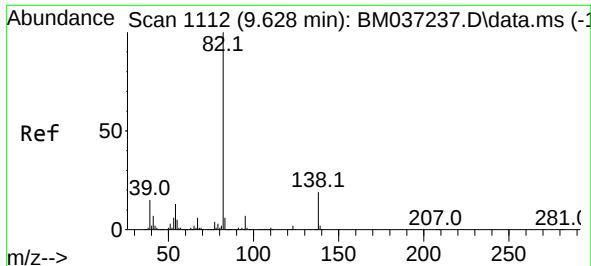
Tgt Ion: 82 Resp: 1611973
Ion Ratio Lower Upper
82 100
128 46.8 36.7 55.1
54 44.5 36.6 55.0



#24
Nitrobenzene
Concen: 0.270 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.041 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion: 77 Resp: 4735
Ion Ratio Lower Upper
77 100
123 0.0 37.0 55.6#
65 35.5 10.4 15.6#

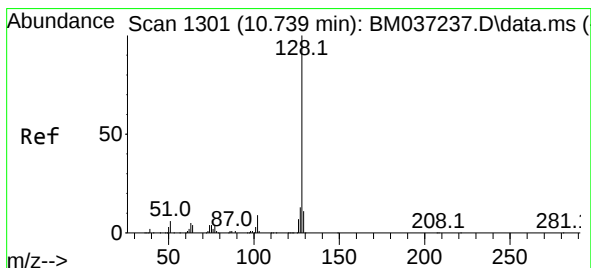
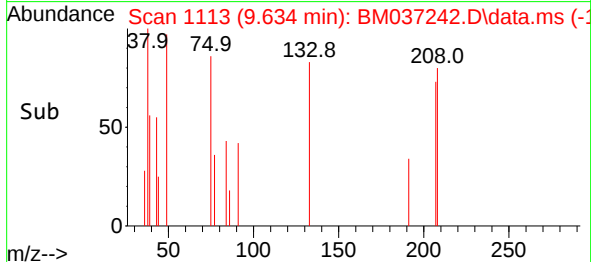
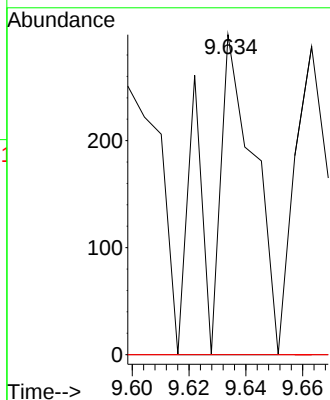
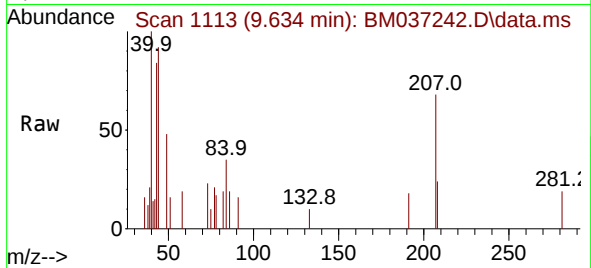




#25
Isophorone
Concen: 0.011 ng
RT: 9.634 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

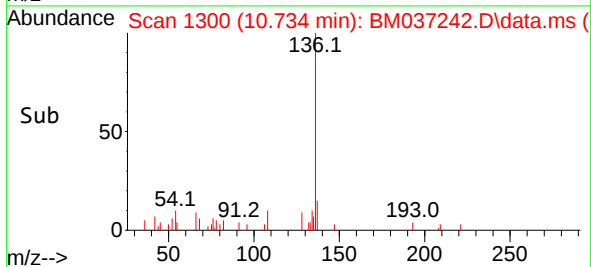
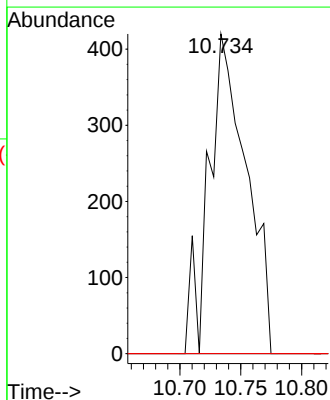
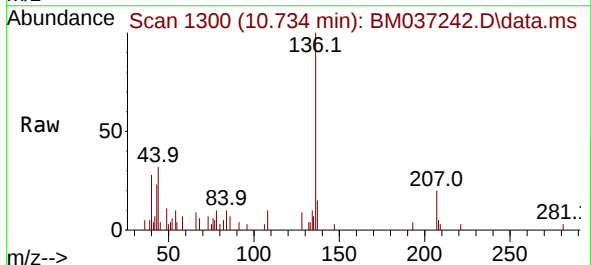
Instrument :
BNA_M
ClientSampleId :
PB148383BL

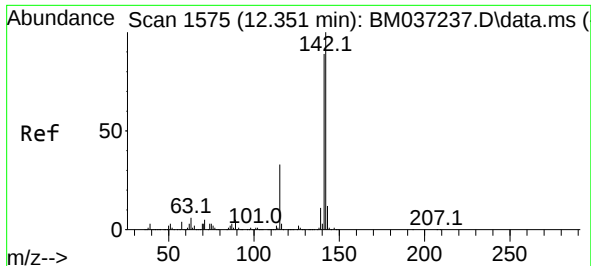
Tgt Ion: 82 Resp: 330
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.0 22.6#



#31
Naphthalene
Concen: 0.017 ng
RT: 10.734 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion: 128 Resp: 908
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.3 15.5#





#37

2-Methylnaphthalene

Concen: 0.004 ng

RT: 12.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

Instrument :

BNA_M

ClientSampleId :

PB148383BL

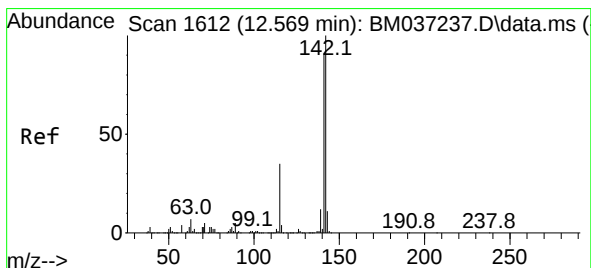
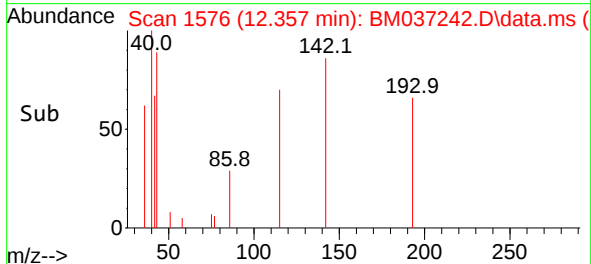
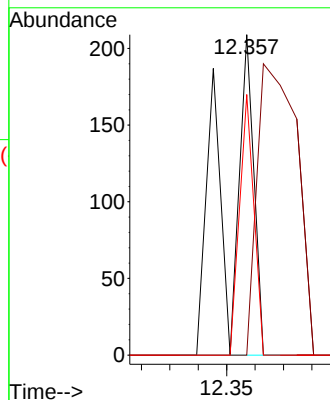
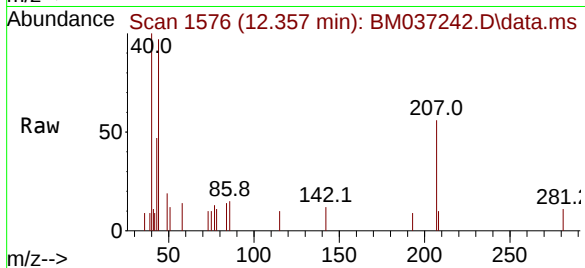
Tgt Ion:142 Resp: 140

Ion Ratio Lower Upper

142 100

141 0.0 71.0 106.6#

115 81.3 26.6 39.8#



#38

1-Methylnaphthalene

Concen: 0.004 ng

RT: 12.357 min Scan# 1576

Delta R.T. -0.212 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

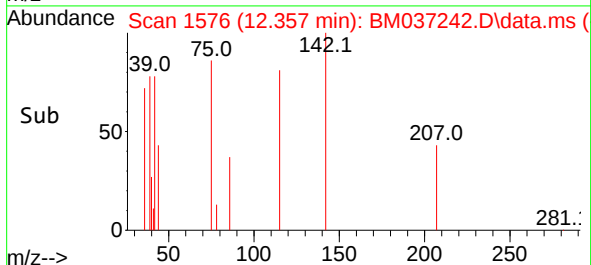
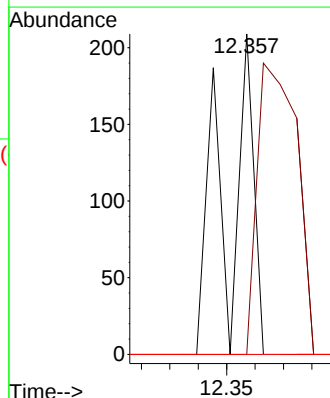
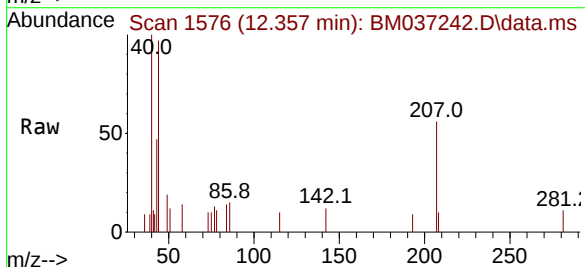
Tgt Ion:142 Resp: 140

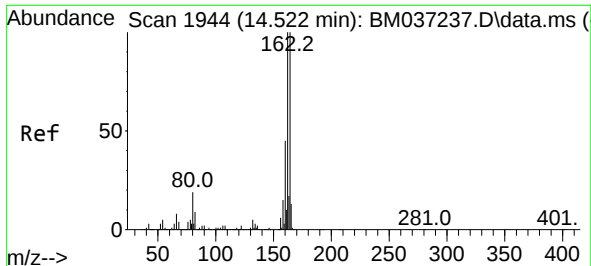
Ion Ratio Lower Upper

142 100

141 0.0 73.1 109.7#

116 0.0 3.0 4.4#

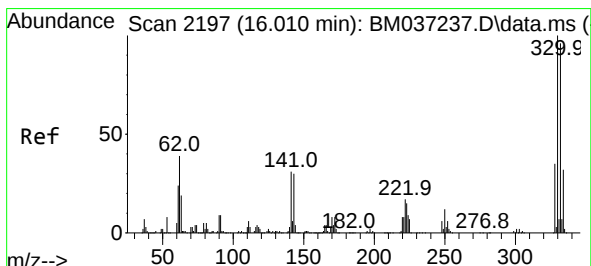
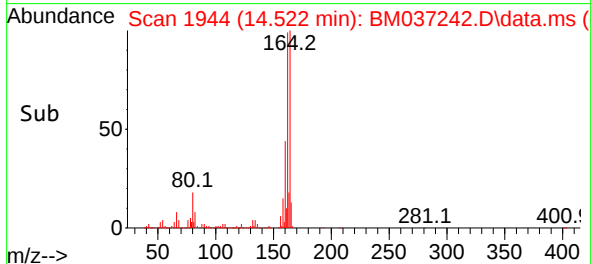
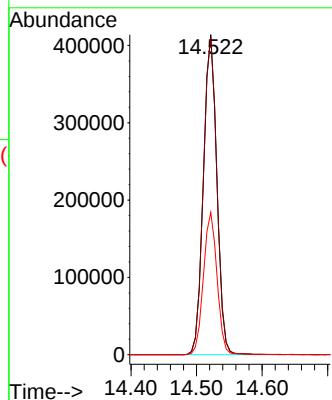
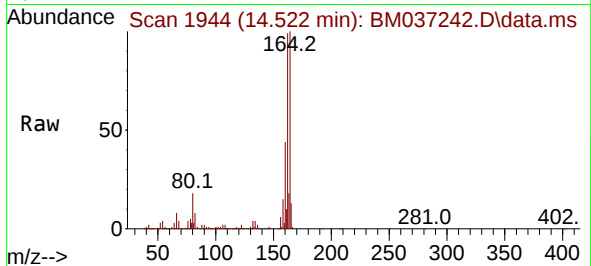




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

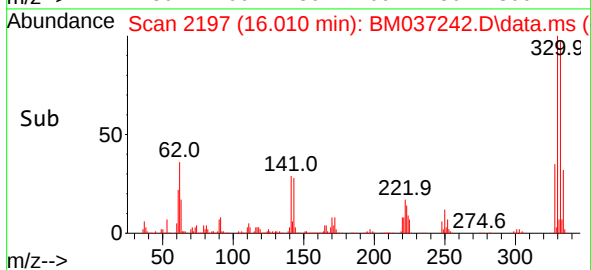
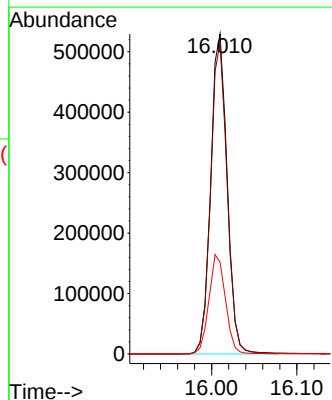
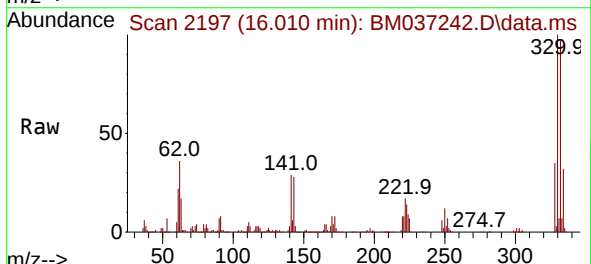
Instrument :
BNA_M
ClientSampleId :
PB148383BL

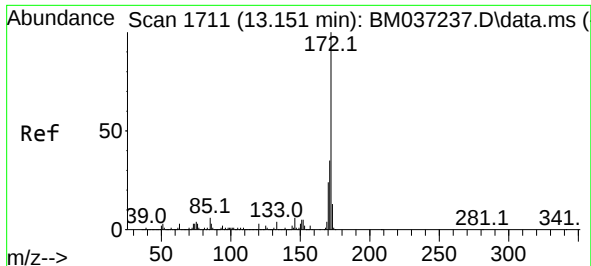
Tgt Ion:164 Resp: 591554
Ion Ratio Lower Upper
164 100
162 99.2 80.0 120.0
160 44.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 97.032 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:330 Resp: 711540
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 31.3 25.3 37.9

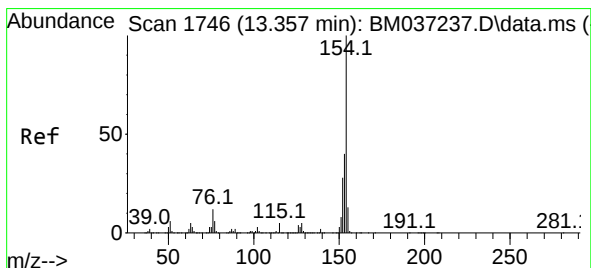
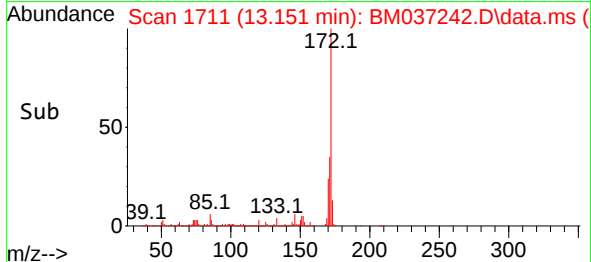
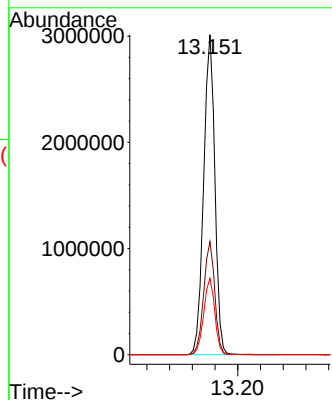
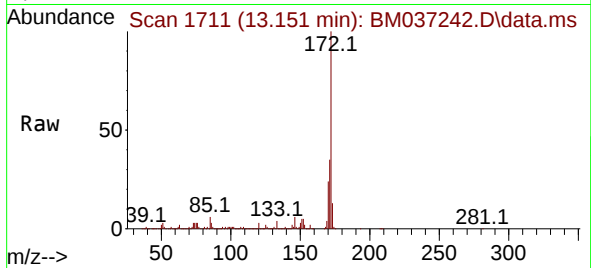




#45
2-Fluorobiphenyl
Concen: 98.442 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

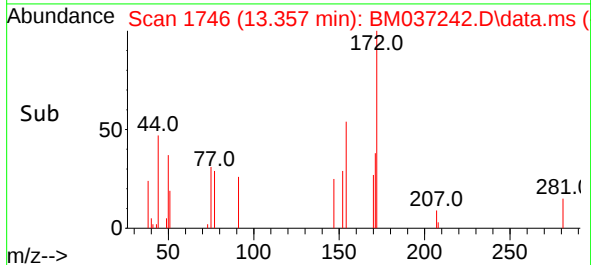
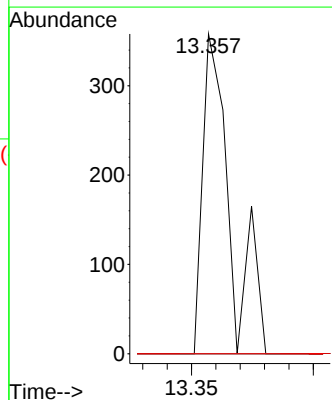
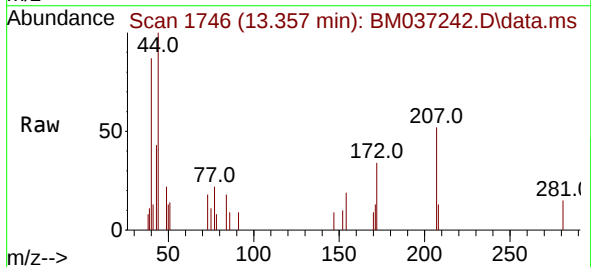
Instrument :
BNA_M
ClientSampleId :
PB148383BL

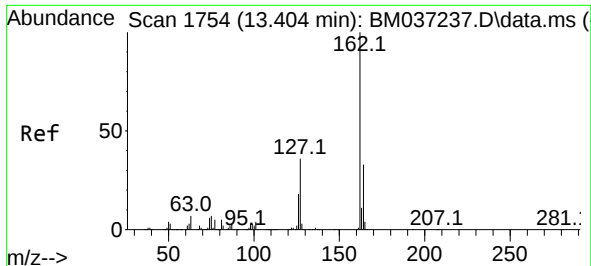
Tgt Ion:172 Resp: 4123467
Ion Ratio Lower Upper
172 100
171 35.3 27.7 41.5
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 0.006 ng
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:154 Resp: 281
Ion Ratio Lower Upper
154 100
153 0.0 20.3 60.3#
76 0.0 0.0 32.1

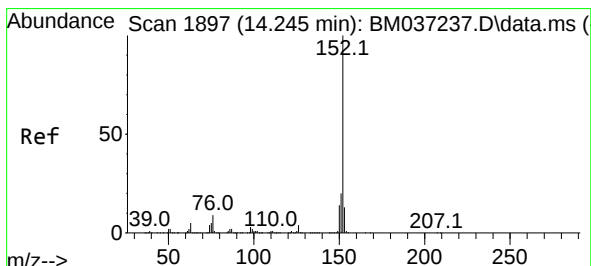
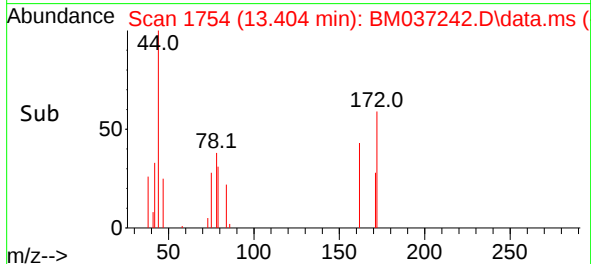
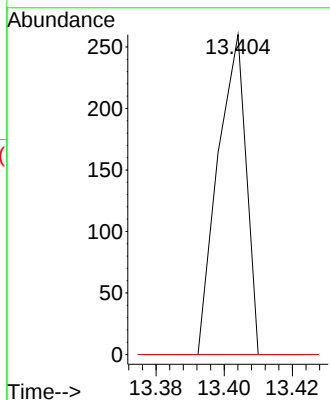
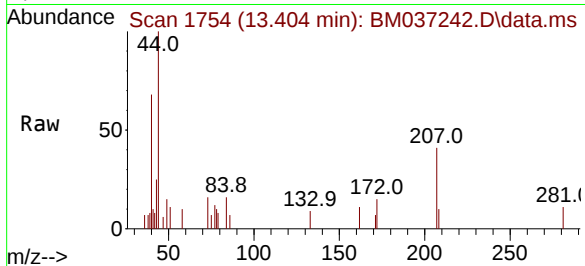




#47
2-Chloronaphthalene
Concen: 0.004 ng
RT: 13.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

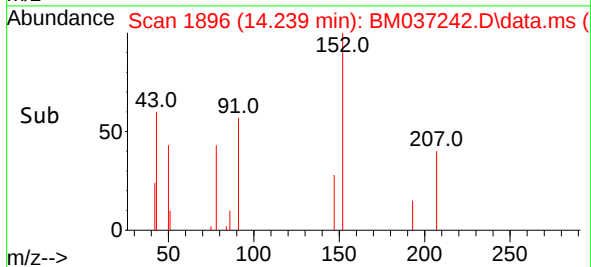
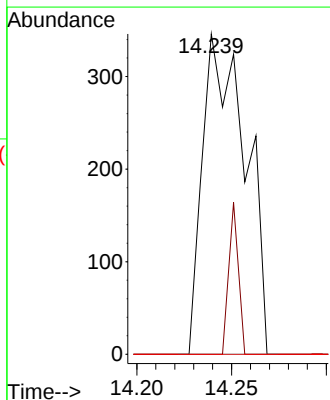
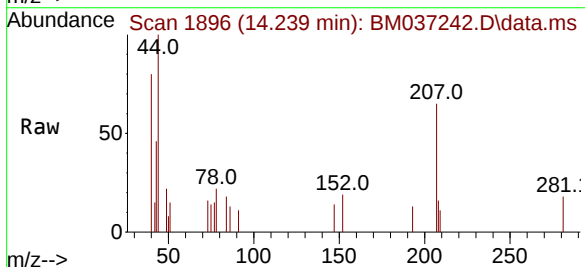
Instrument :
BNA_M
ClientSampleId :
PB148383BL

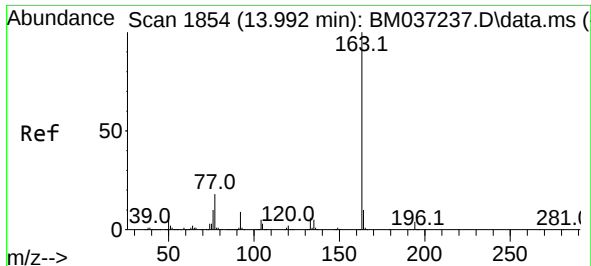
Tgt Ion:162 Resp: 150
Ion Ratio Lower Upper
162 100
127 0.0 29.4 44.0#
164 0.0 26.5 39.7#



#49
Acenaphthylene
Concen: 0.010 ng
RT: 14.239 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:152 Resp: 545
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.6#
153 0.0 10.6 15.8#

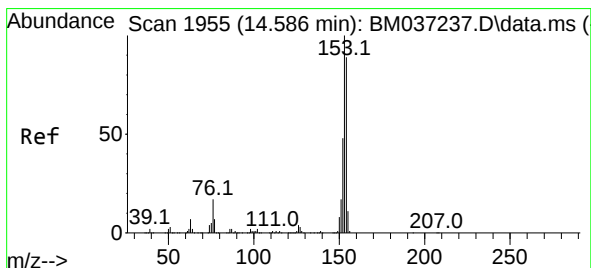
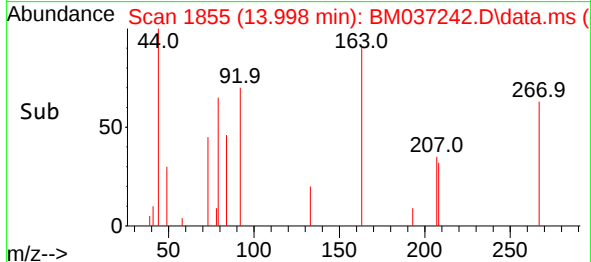
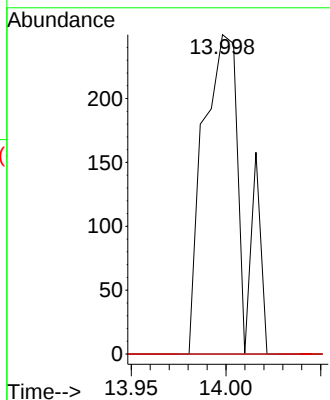
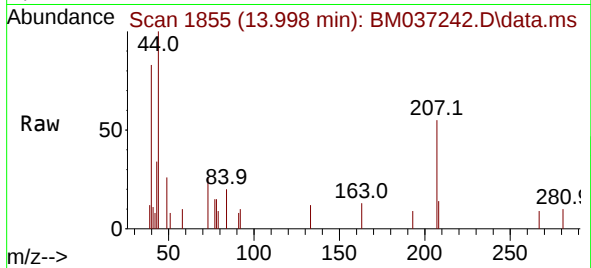




#50
Dimethylphthalate
Concen: 0.008 ng
RT: 13.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

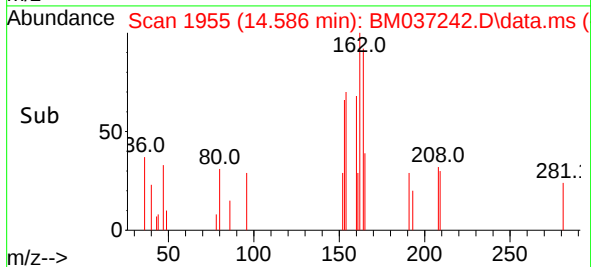
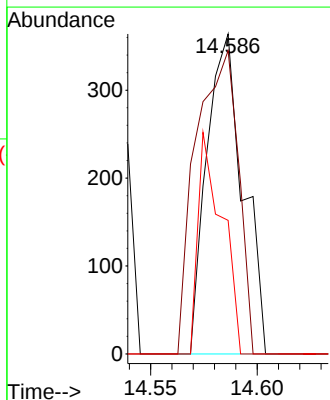
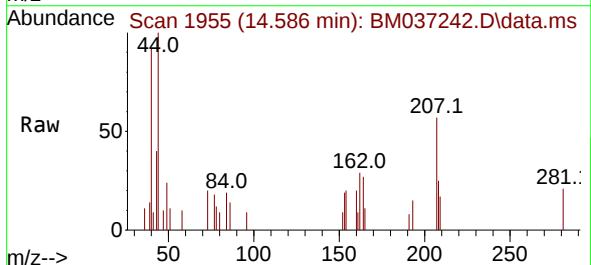
Instrument :
BNA_M
ClientSampleId :
PB148383BL

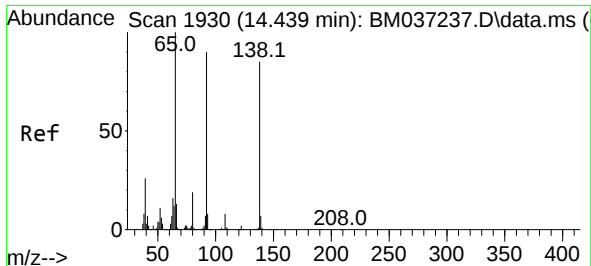
Tgt Ion:163 Resp: 361
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 0.0 8.0 12.0#



#52
Acenaphthene
Concen: 0.013 ng
RT: 14.586 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:154 Resp: 432
Ion Ratio Lower Upper
154 100
153 94.8 89.7 134.5
152 41.8 42.8 64.2#

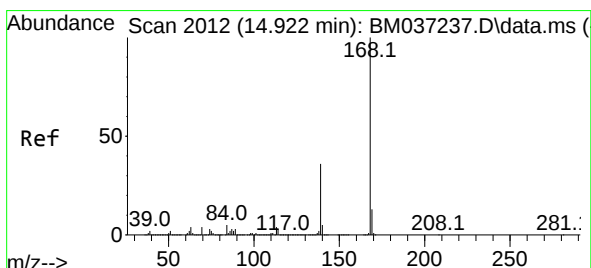
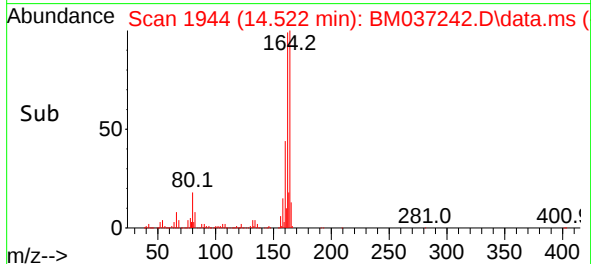
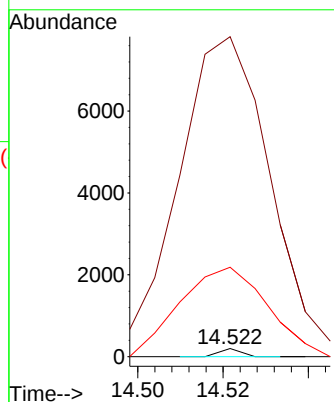
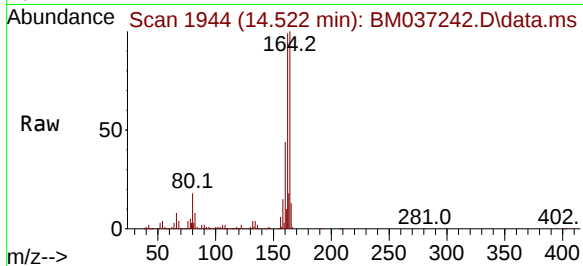




#53
3-Nitroaniline
Concen: 0.007 ng
RT: 14.522 min Scan# 1930
Delta R.T. 0.083 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

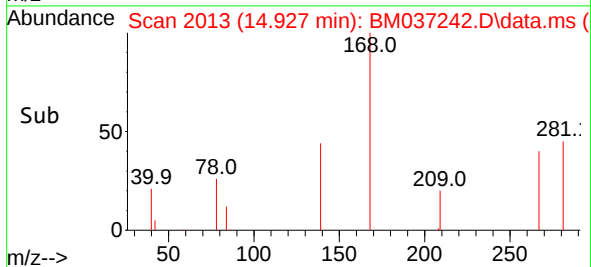
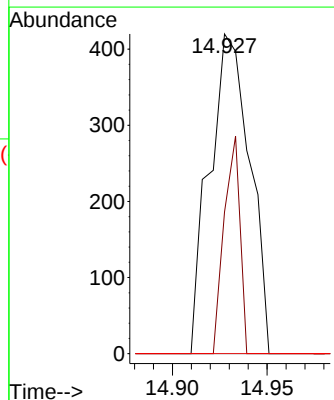
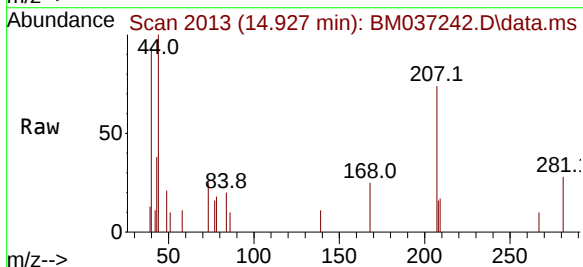
Instrument :
BNA_M
ClientSampleId :
PB148383BL

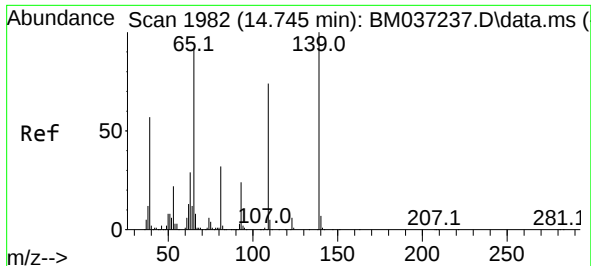
Tgt Ion:138 Resp: 70
Ion Ratio Lower Upper
138 100
108 3928.6 7.1 10.7#
92 1097.0 85.0 127.6#



#55
Dibenzofuran
Concen: 0.012 ng
RT: 14.927 min Scan# 2013
Delta R.T. 0.005 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:168 Resp: 622
Ion Ratio Lower Upper
168 100
139 44.3 28.9 43.3#
169 0.0 10.6 16.0#

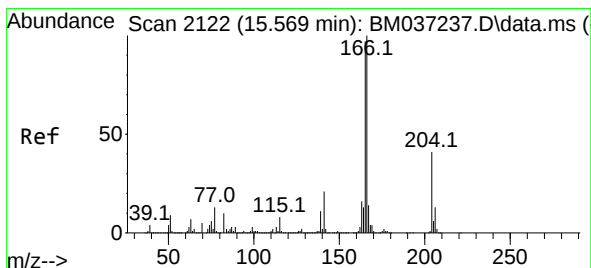
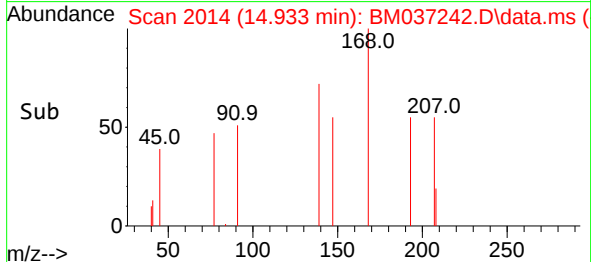
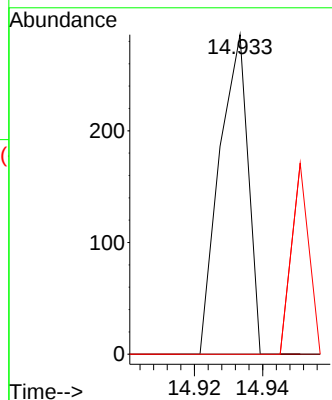
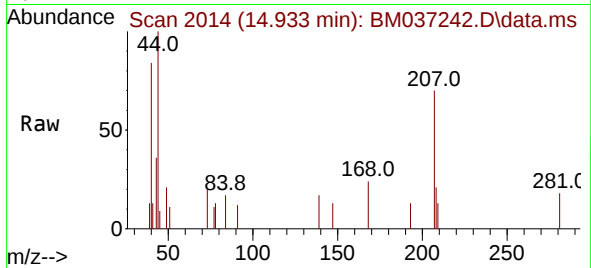




#56
4-Nitrophenol
Concen: 0.021 ng
RT: 14.933 min Scan# 2014
Delta R.T. 0.188 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

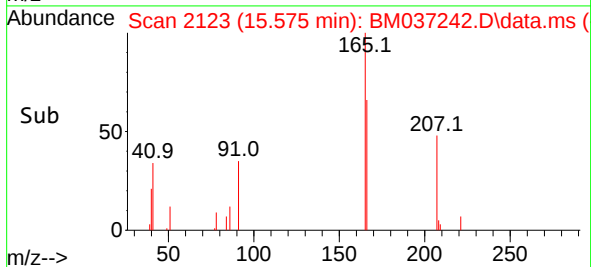
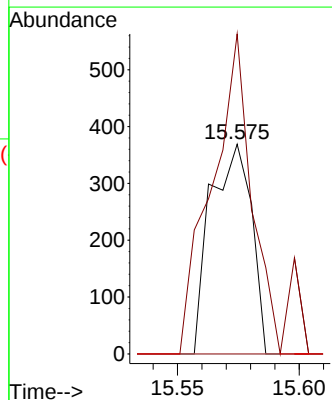
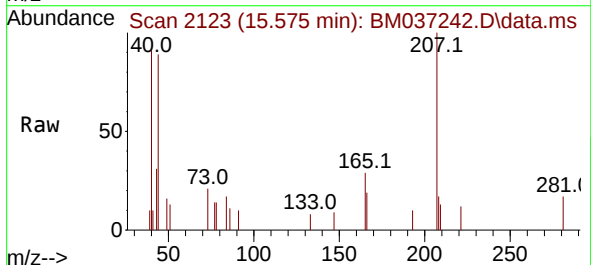
Instrument :
BNA_M
ClientSampleId :
PB148383BL

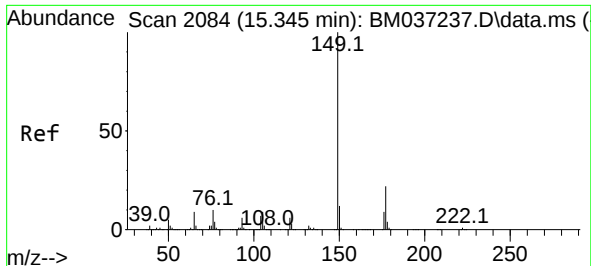
Tgt Ion:139 Resp: 167
Ion Ratio Lower Upper
139 100
109 0.0 54.1 94.1#
65 0.0 71.7 111.7#



#58
Fluorene
Concen: 0.010 ng
RT: 15.575 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:166 Resp: 431
Ion Ratio Lower Upper
166 100
165 152.6 78.0 117.0#
167 0.0 10.9 16.3#

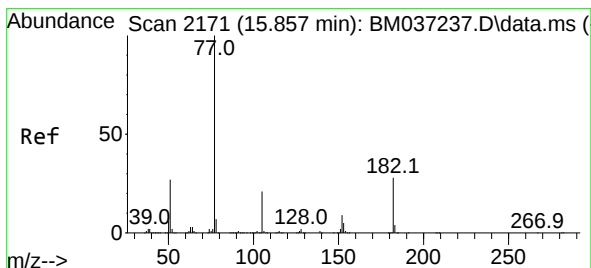
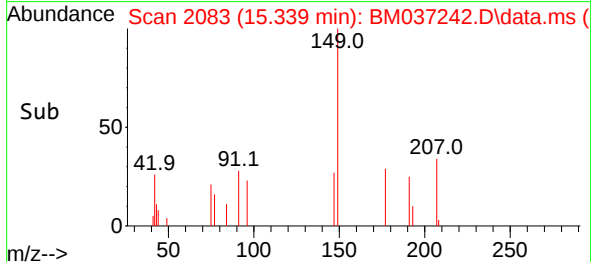
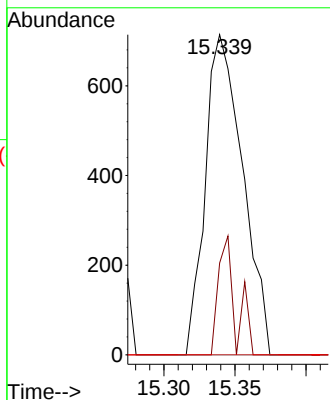
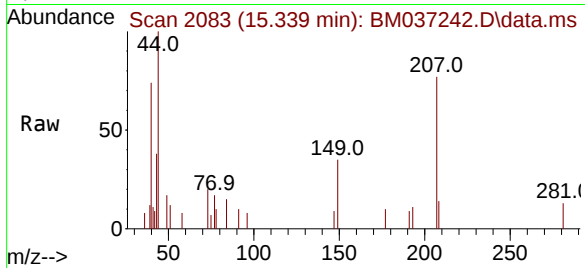




#60
Diethylphthalate
Concen: 0.031 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

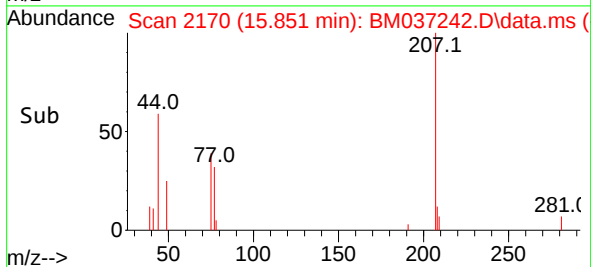
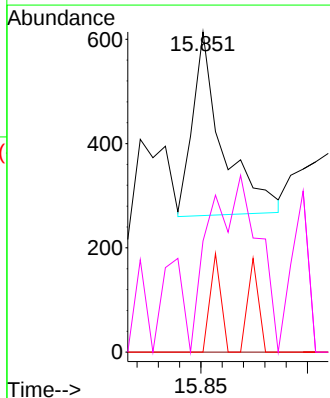
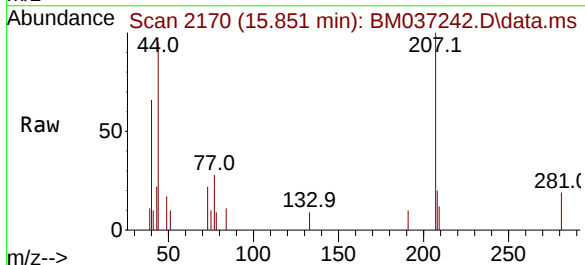
Instrument :
BNA_M
ClientSampleId :
PB148383BL

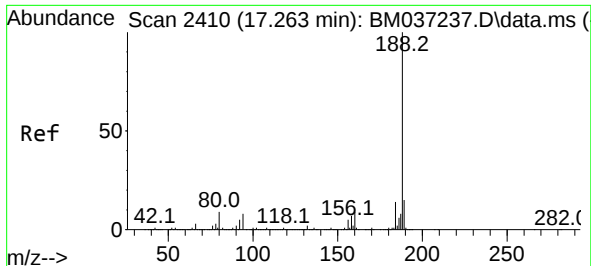
Tgt Ion:149 Resp: 1308
Ion Ratio Lower Upper
149 100
177 28.7 17.9 26.9#
150 0.0 9.8 14.8#



#63
Azobenzene
Concen: 0.009 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion: 77 Resp: 345
Ion Ratio Lower Upper
77 100
182 0.0 7.9 47.9#
105 0.0 0.8 40.8#
51 34.7 6.8 46.8

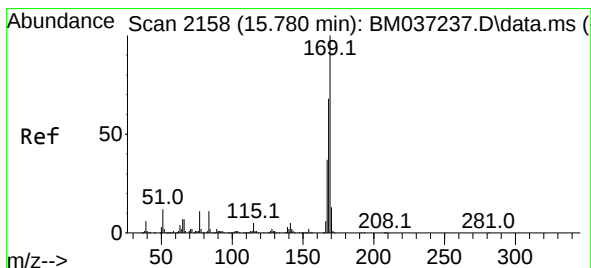
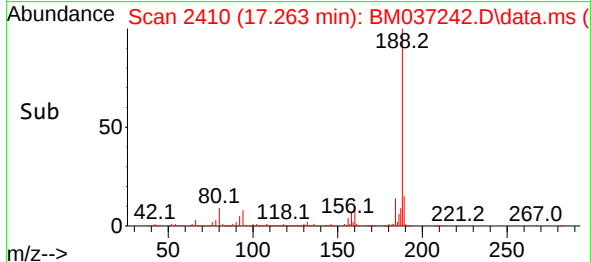
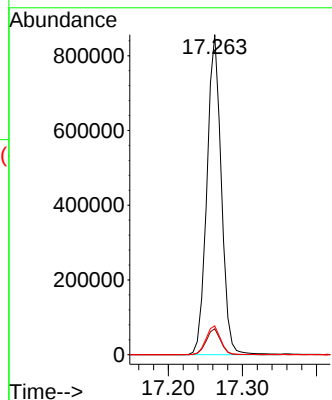
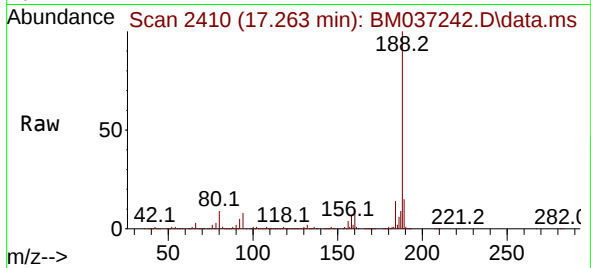




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

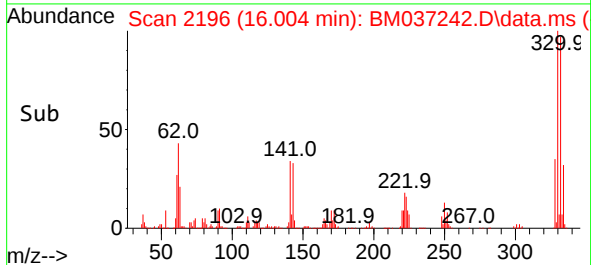
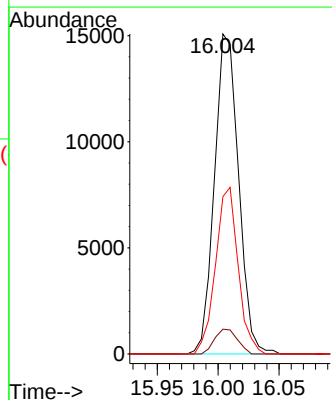
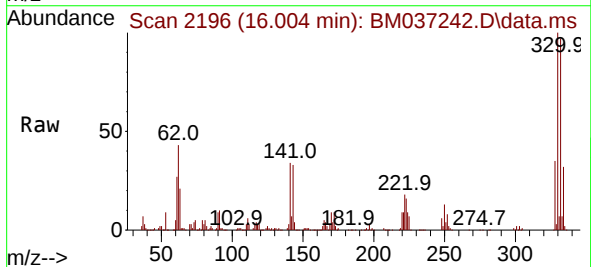
Instrument :
BNA_M
ClientSampleId :
PB148383BL

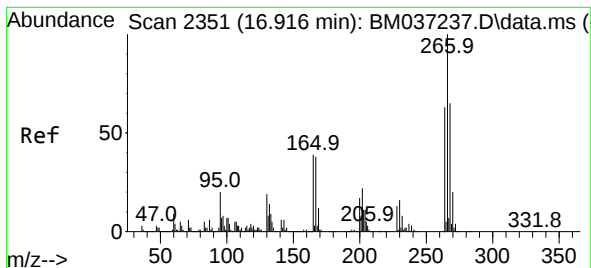
Tgt Ion:188 Resp: 1155675
Ion Ratio Lower Upper
188 100
94 8.1 6.3 9.5
80 9.0 7.1 10.7



#66
n-Nitrosodiphenylamine
Concen: 0.610 ng
RT: 16.004 min Scan# 2196
Delta R.T. 0.224 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:169 Resp: 20805
Ion Ratio Lower Upper
169 100
168 7.8 54.6 81.8#
167 49.2 29.8 44.8#





#70

Pentachlorophenol

Concen: 0.006 ng

RT: 16.927 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

Instrument :

BNA_M

ClientSampleId :

PB148383BL

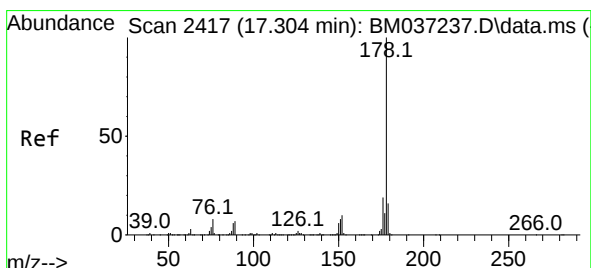
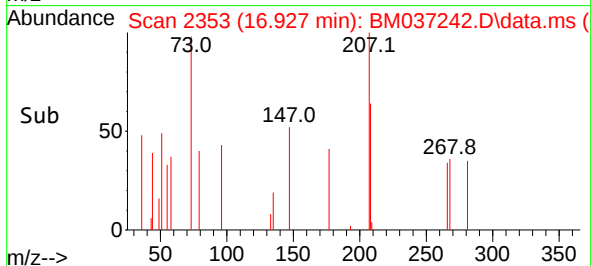
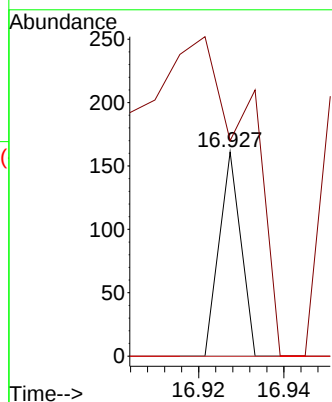
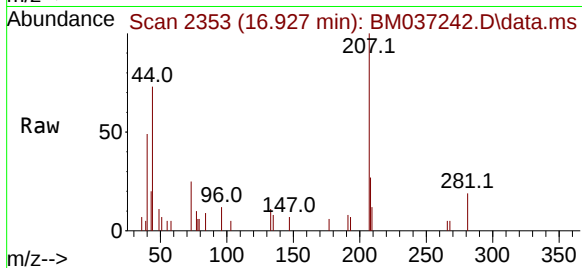
Tgt Ion:266 Resp: 57

Ion Ratio Lower Upper

266 100

268 105.6 52.2 78.4#

264 0.0 50.1 75.1#



#71

Phenanthrene

Concen: 0.025 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

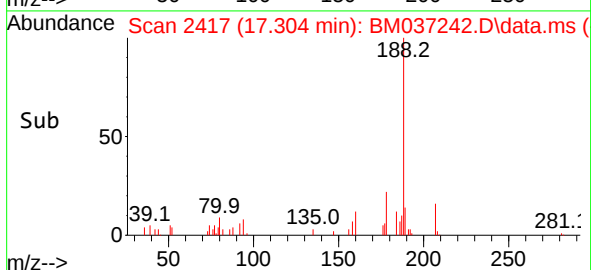
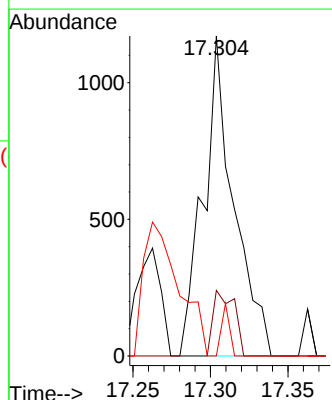
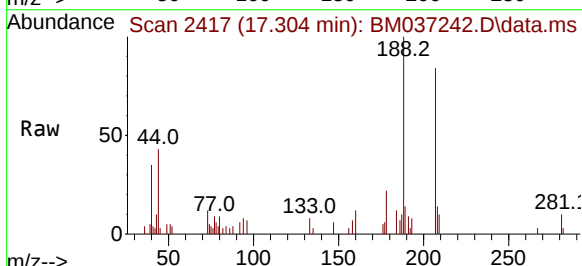
Tgt Ion:178 Resp: 1594

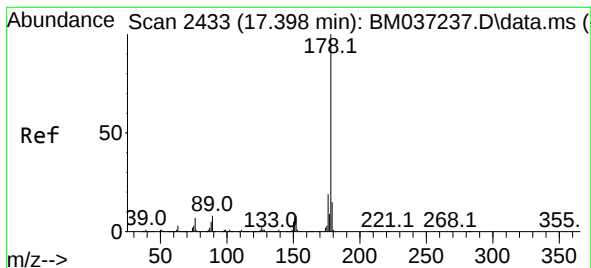
Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.2

179 0.0 12.5 18.7#





#72

Anthracene

Concen: 0.011 ng

RT: 17.392 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

Instrument :

BNA_M

ClientSampleId :

PB148383BL

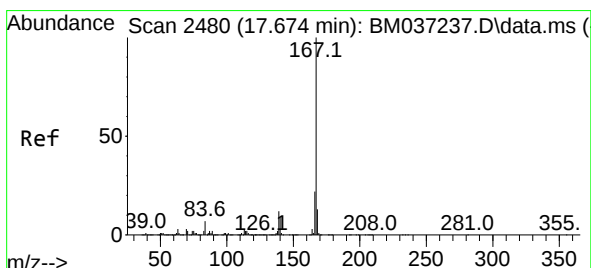
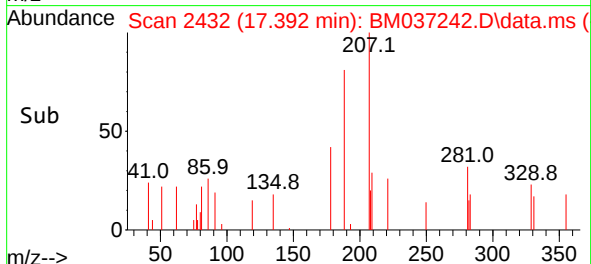
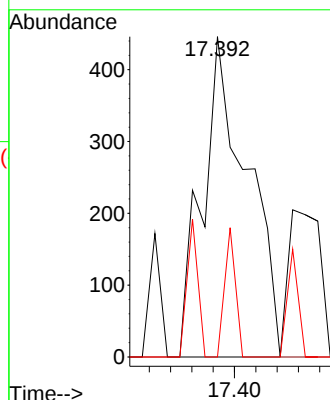
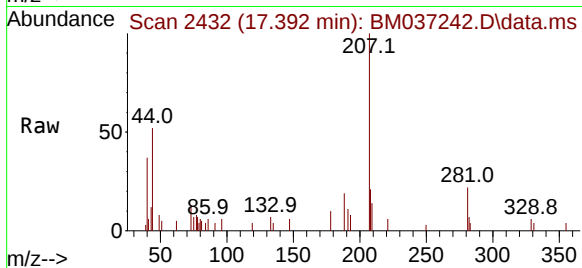
Tgt Ion:178 Resp: 654

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

179 0.0 12.3 18.5#



#73

Carbazole

Concen: 0.002 ng

RT: 17.680 min Scan# 2481

Delta R.T. 0.006 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

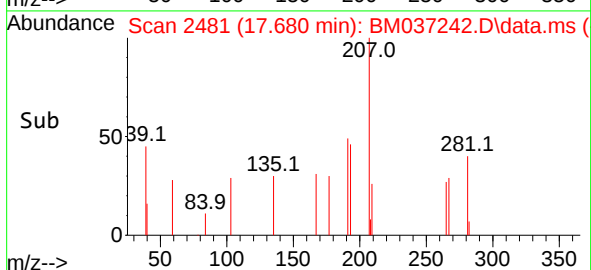
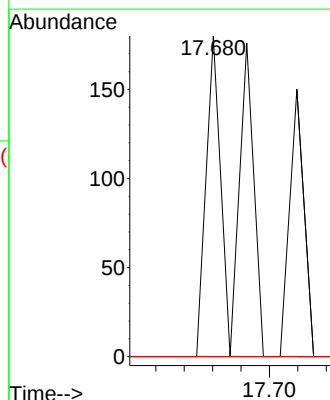
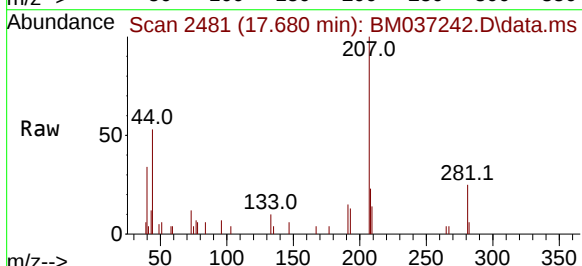
Tgt Ion:167 Resp: 126

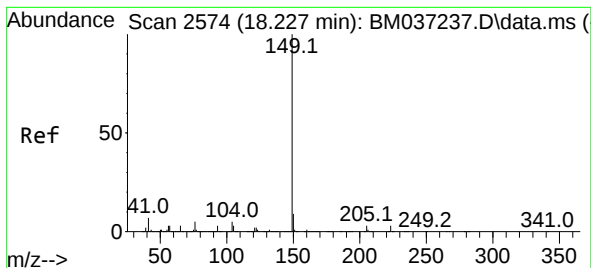
Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.0#

139 0.0 9.9 14.9#





#74

Di-n-butylphthalate

Concen: 0.024 ng

RT: 18.227 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

Instrument :

BNA_M

ClientSampleId :

PB148383BL

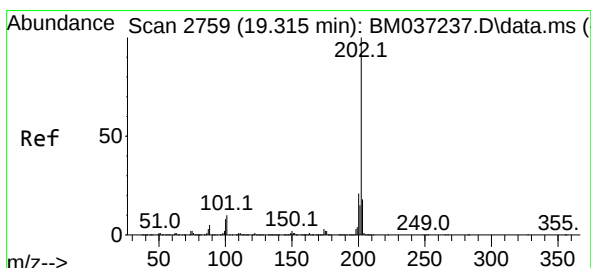
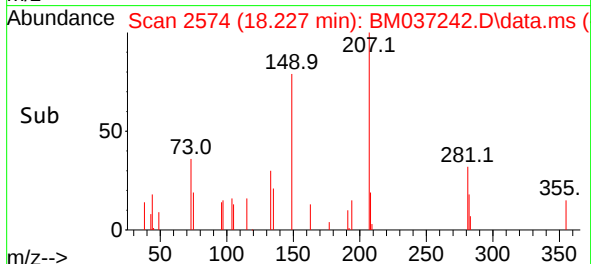
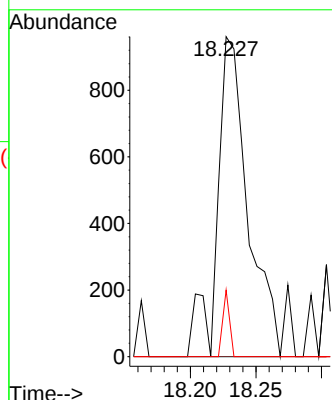
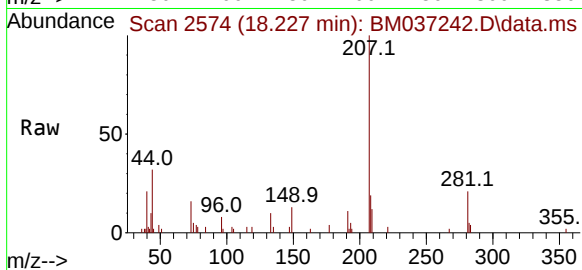
Tgt Ion:149 Resp: 1568

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 20.8 4.1 6.1#



#75

Fluoranthene

Concen: 0.008 ng

RT: 19.327 min Scan# 2761

Delta R.T. 0.012 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

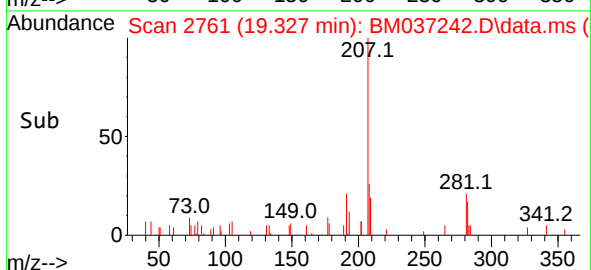
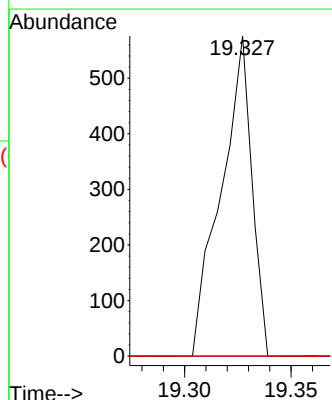
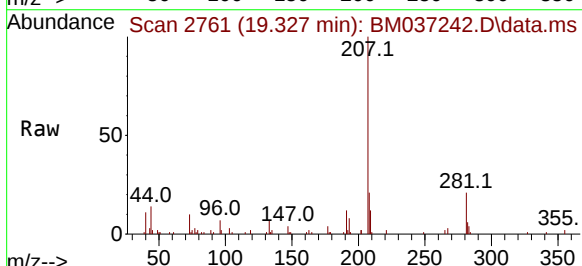
Tgt Ion:202 Resp: 578

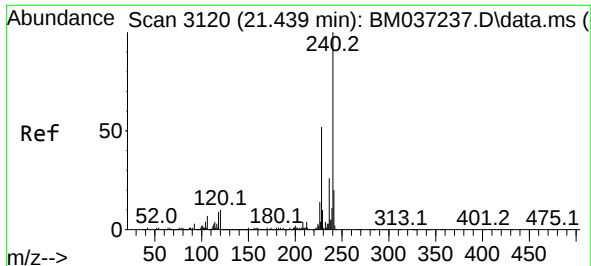
Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.8

203 0.0 0.0 37.8

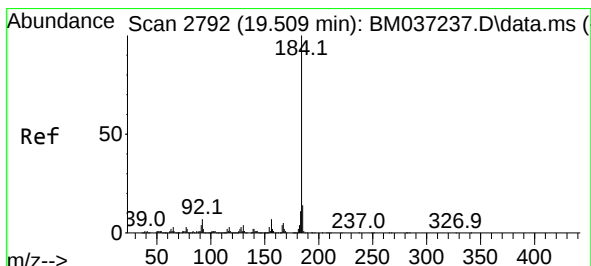
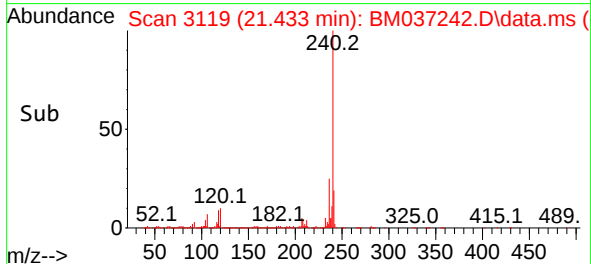
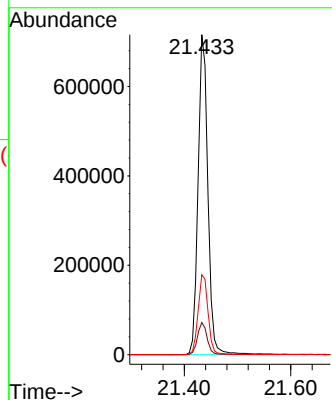
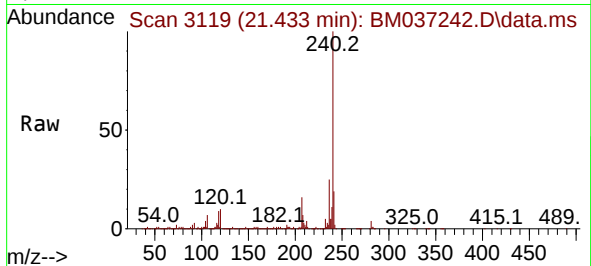




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

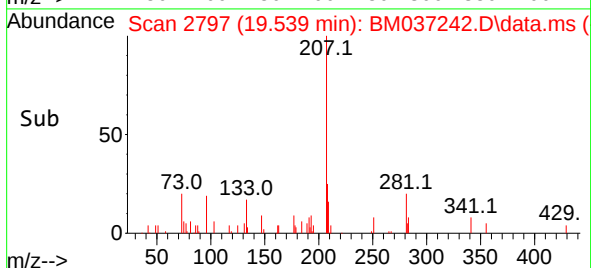
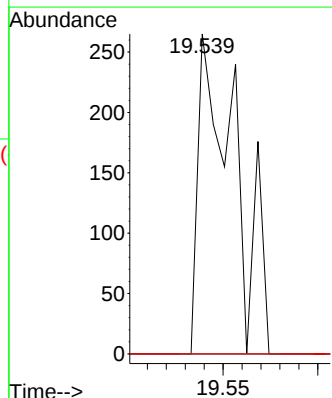
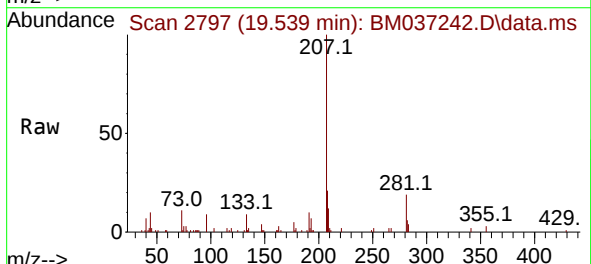
Instrument :
BNA_M
ClientSampleId :
PB148383BL

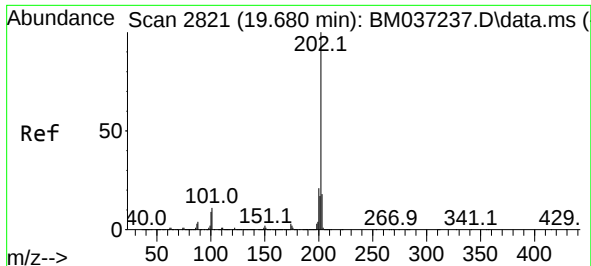
Tgt Ion:240 Resp: 917322
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 25.0 21.0 31.4



#77
Benzidine
Concen: 0.027 ng
RT: 19.539 min Scan# 2797
Delta R.T. 0.030 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:184 Resp: 362
Ion Ratio Lower Upper
184 100
185 0.0 11.2 16.8#
183 0.0 9.0 13.6#

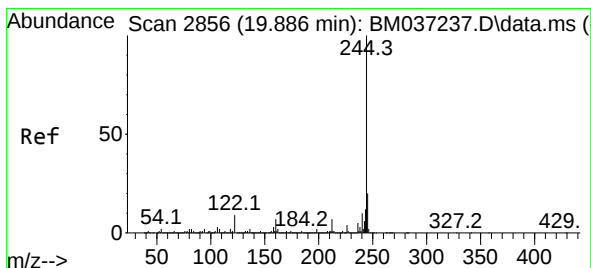
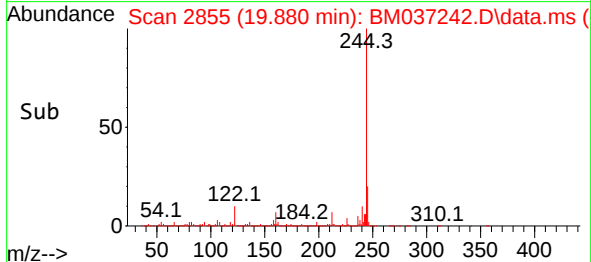
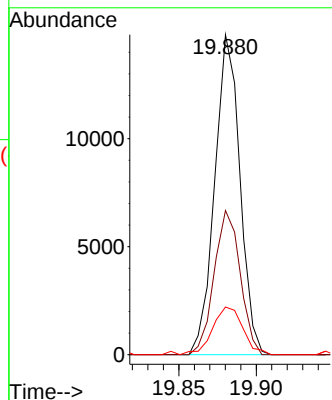
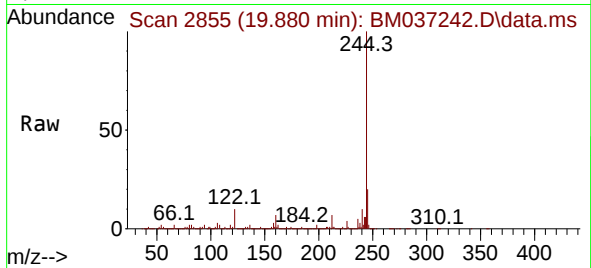




#78
 Pyrene
 Concen: 0.276 ng
 RT: 19.880 min Scan# 21
 Delta R.T. 0.200 min
 Lab File: BM037242.D
 Acq: 26 Oct 2022 17:15

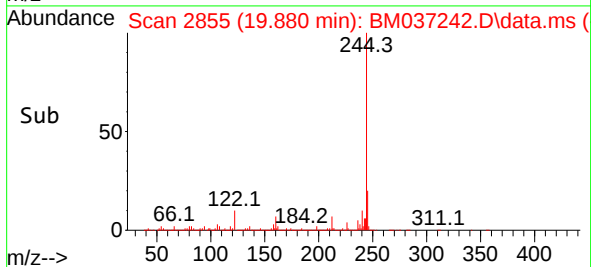
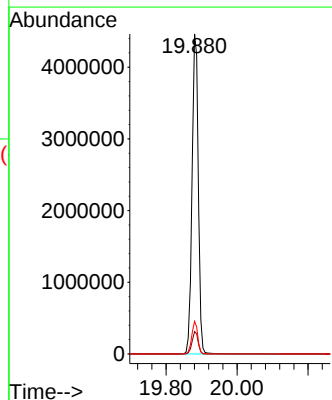
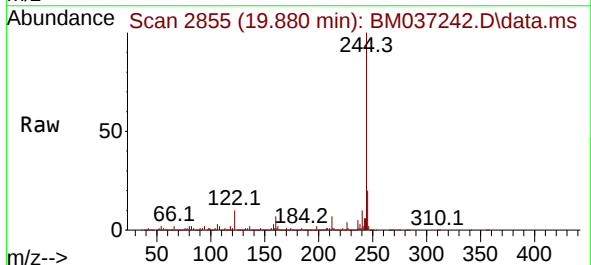
Instrument :
 BNA_M
 ClientSampleId :
 PB148383BL

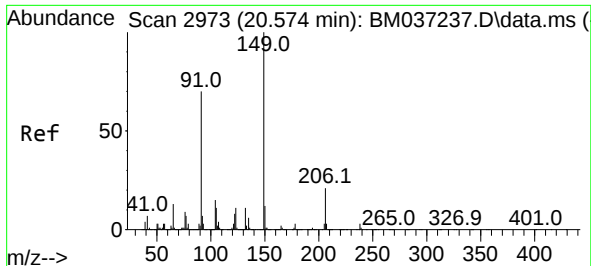
Tgt Ion:202 Resp: 16741
 Ion Ratio Lower Upper
 202 100
 200 45.1 17.0 25.4#
 203 14.9 14.3 21.5



#79
 Terphenyl-d14
 Concen: 121.415 ng
 RT: 19.880 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BM037242.D
 Acq: 26 Oct 2022 17:15

Tgt Ion:244 Resp: 5444444
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.2 7.3 10.9

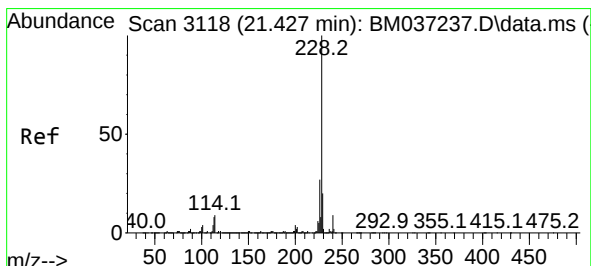
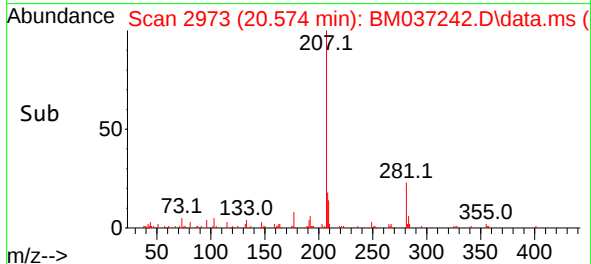
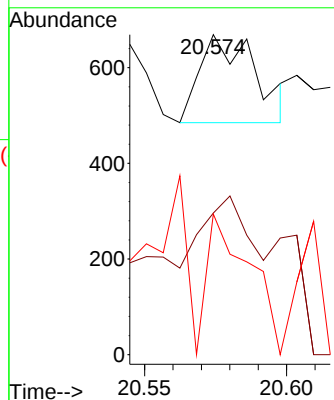
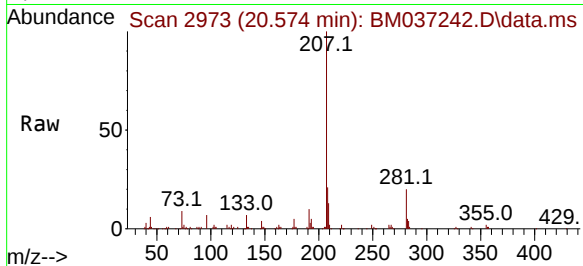




#80
 Butylbenzylphthalate
 Concen: 0.011 ng
 RT: 20.574 min Scan# 2973
 Delta R.T. 0.000 min
 Lab File: BM037242.D
 Acq: 26 Oct 2022 17:15

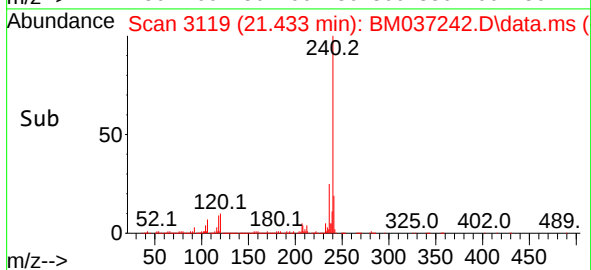
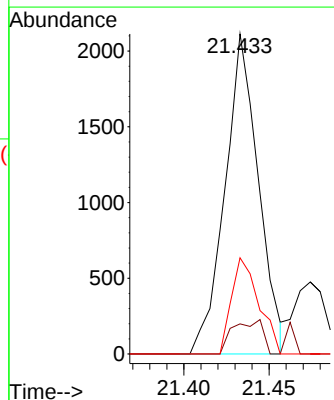
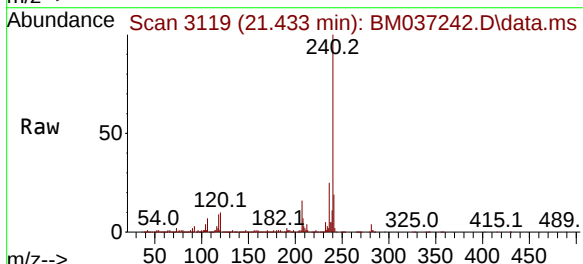
Instrument :
 BNA_M
 ClientSampleId :
 PB148383BL

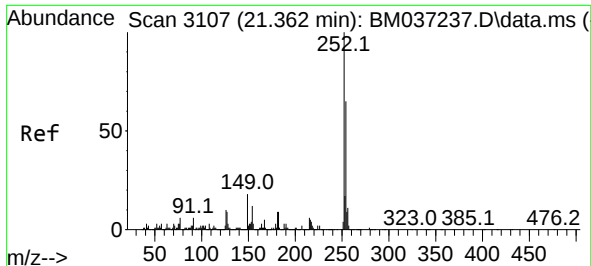
Tgt Ion:149 Resp: 249
 Ion Ratio Lower Upper
 149 100
 91 44.2 55.7 83.5#
 206 43.9 16.9 25.3#



#81
 Benzo(a)anthracene
 Concen: 0.049 ng
 RT: 21.433 min Scan# 3119
 Delta R.T. 0.006 min
 Lab File: BM037242.D
 Acq: 26 Oct 2022 17:15

Tgt Ion:228 Resp: 2890
 Ion Ratio Lower Upper
 228 100
 226 9.4 21.9 32.9#
 229 30.1 15.9 23.9#

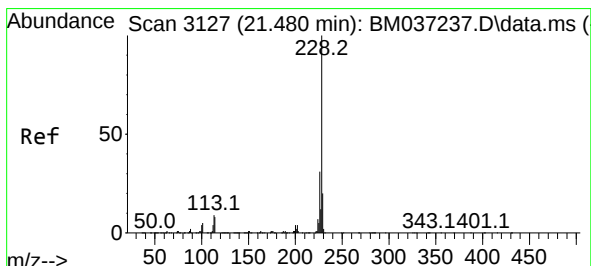
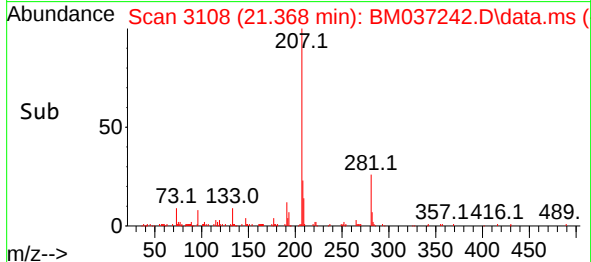
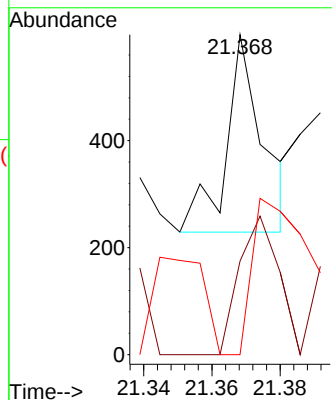
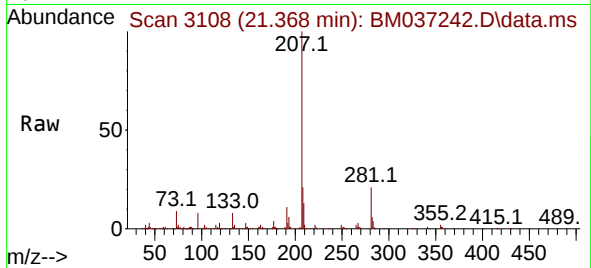




#82
3,3'-Dichlorobenzidine
Concen: 0.016 ng
RT: 21.368 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

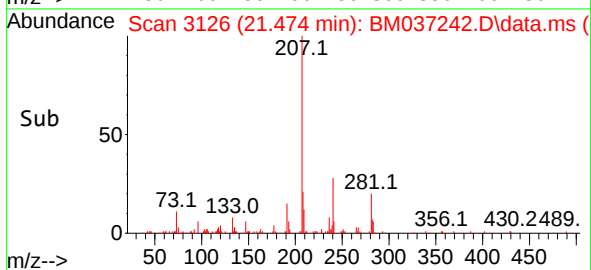
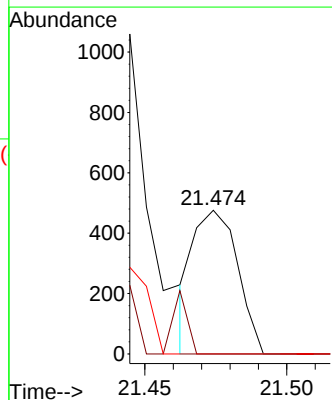
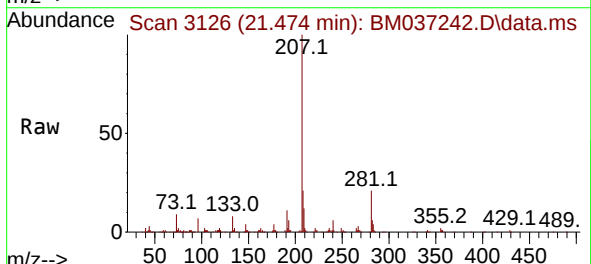
Instrument :
BNA_M
ClientSampleId :
PB148383BL

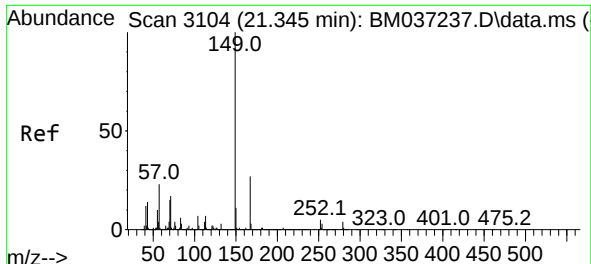
Tgt Ion:252 Resp: 279
Ion Ratio Lower Upper
252 100
254 29.3 51.8 77.6#
126 0.0 7.8 11.8#



#83
Chrysene
Concen: 0.009 ng
RT: 21.474 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:228 Resp: 517
Ion Ratio Lower Upper
228 100
226 0.0 24.4 36.6#
229 0.0 15.9 23.9#

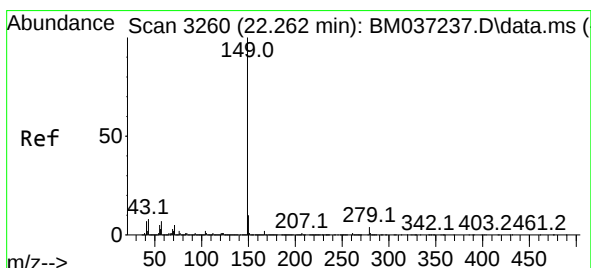
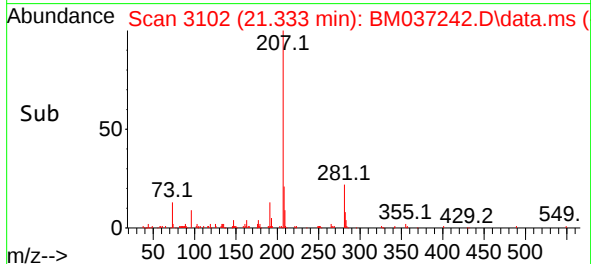
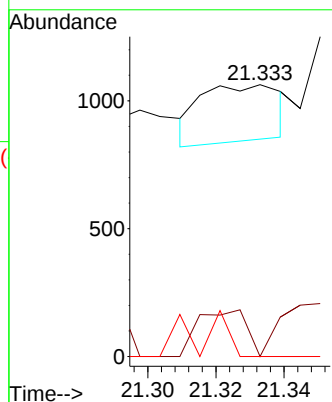
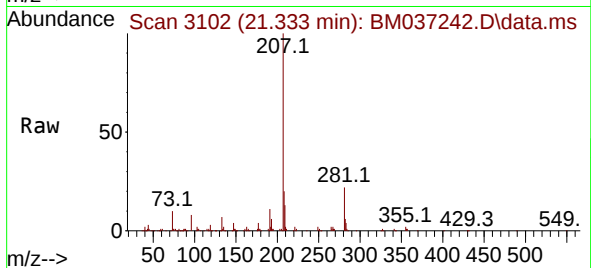




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.011 ng
 RT: 21.333 min Scan# 3104
 Delta R.T. -0.012 min
 Lab File: BM037242.D
 Acq: 26 Oct 2022 17:15

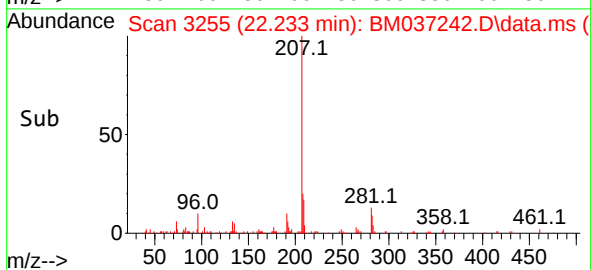
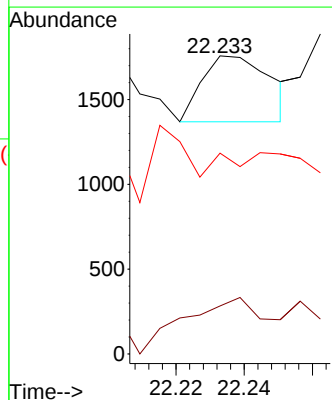
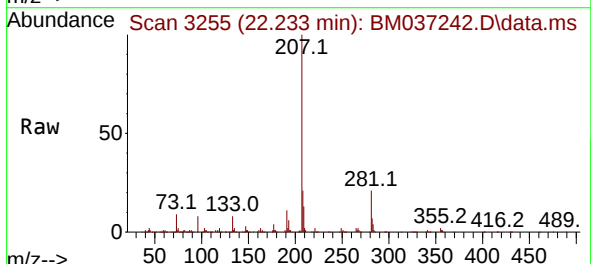
Instrument :
 BNA_M
 ClientSampleId :
 PB148383BL

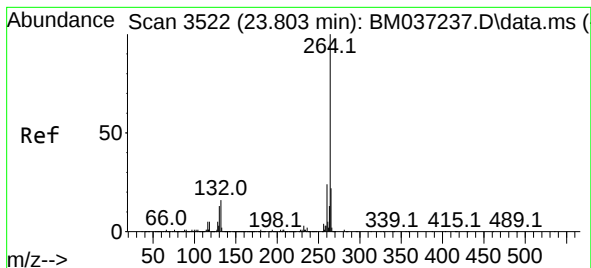
Tgt Ion:149 Resp: 361
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.7 32.5#
 279 0.0 3.4 5.0#



#85
 Di-n-octyl phthalate
 Concen: 0.011 ng
 RT: 22.233 min Scan# 3255
 Delta R.T. -0.029 min
 Lab File: BM037242.D
 Acq: 26 Oct 2022 17:15

Tgt Ion:149 Resp: 540
 Ion Ratio Lower Upper
 149 100
 167 105.6 1.3 1.9#
 43 0.0 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.803 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

Instrument :

BNA_M

ClientSampleId :

PB148383BL

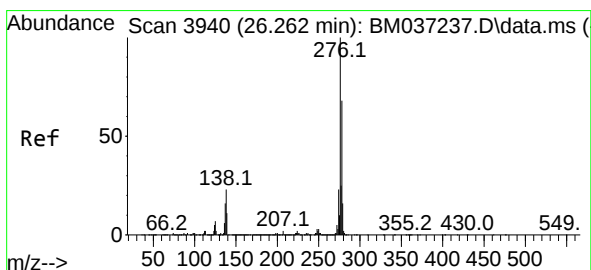
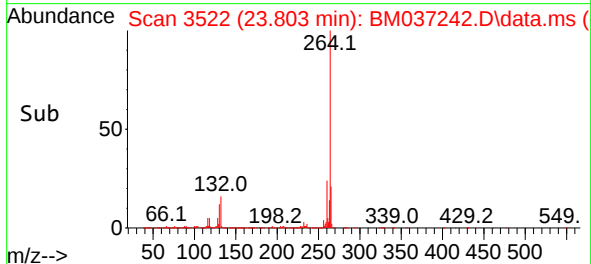
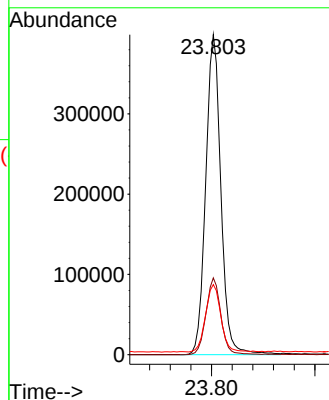
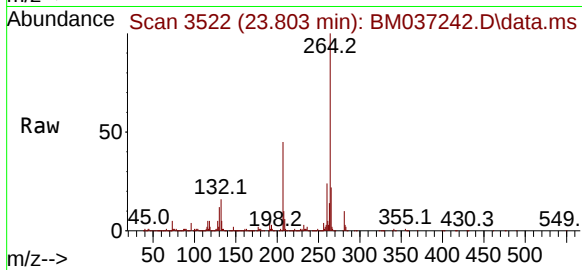
Tgt Ion:264 Resp: 811651

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.9 17.9 26.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.008 ng

RT: 26.274 min Scan# 3942

Delta R.T. 0.012 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

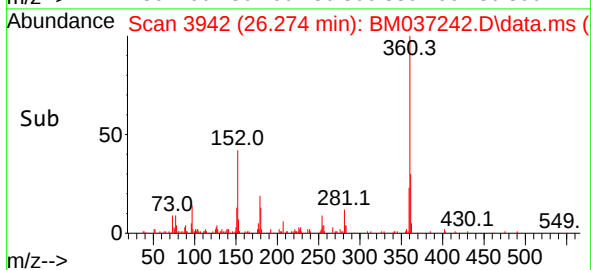
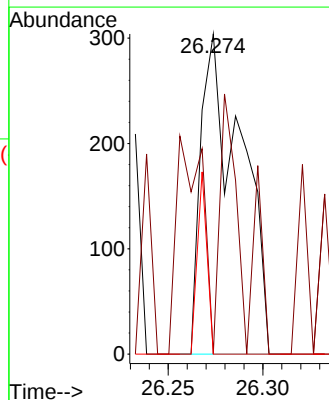
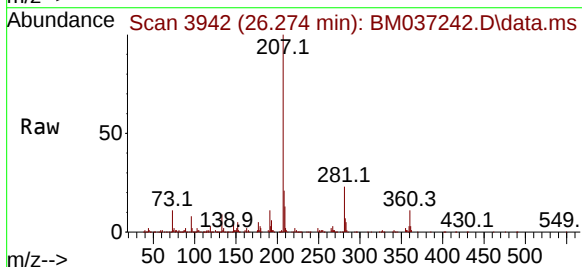
Tgt Ion:276 Resp: 445

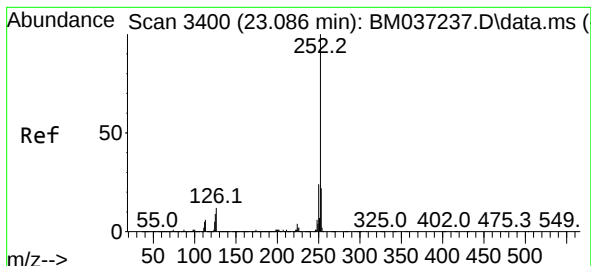
Ion Ratio Lower Upper

276 100

138 47.0 18.6 28.0#

277 13.7 20.0 30.0#





#88

Benzo(b)fluoranthene

Concen: 0.011 ng

RT: 23.092 min Scan# 3401

Delta R.T. 0.006 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

Instrument :

BNA_M

ClientSampleId :

PB148383BL

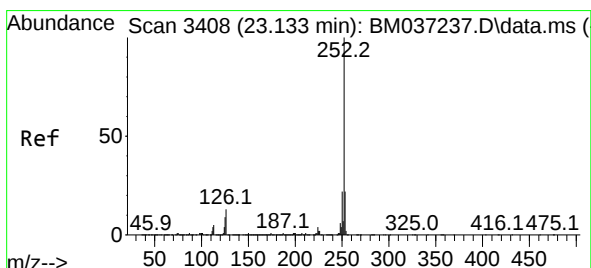
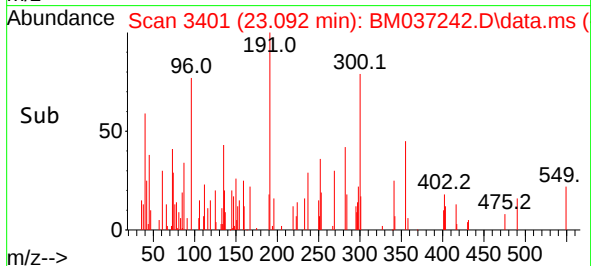
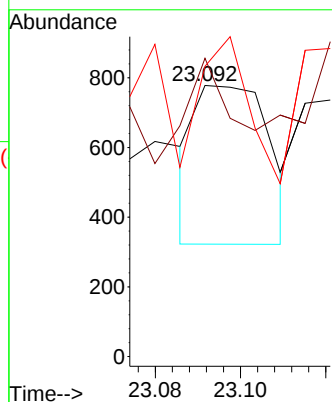
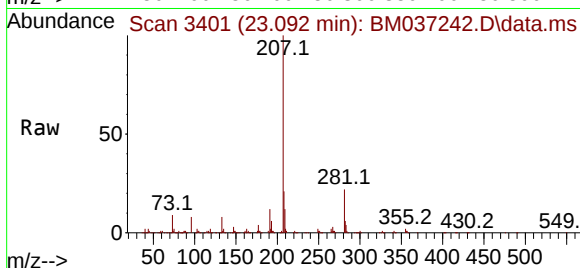
Tgt Ion:252 Resp: 546

Ion Ratio Lower Upper

252 100

253 110.0 17.7 26.5#

125 107.1 7.3 10.9#



#89

Benzo(k)fluoranthene

Concen: 0.011 ng

RT: 23.133 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BM037242.D

Acq: 26 Oct 2022 17:15

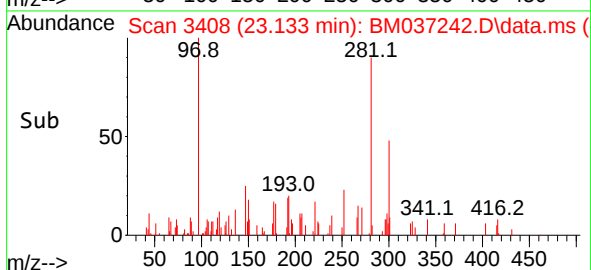
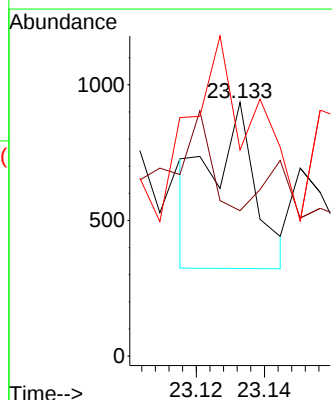
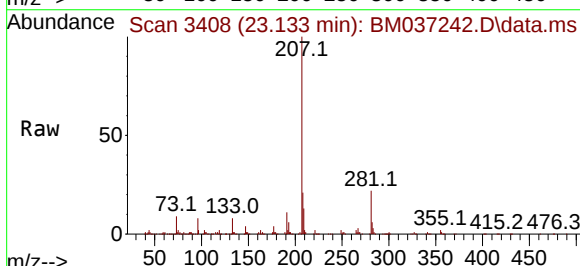
Tgt Ion:252 Resp: 572

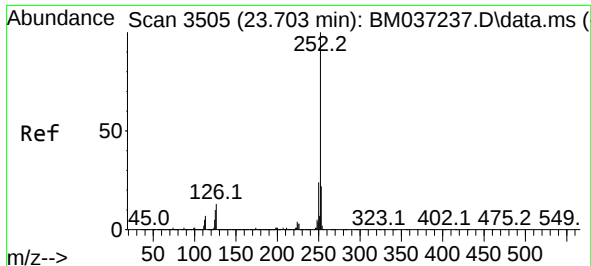
Ion Ratio Lower Upper

252 100

253 57.3 17.8 26.8#

125 109.9 7.4 11.2#

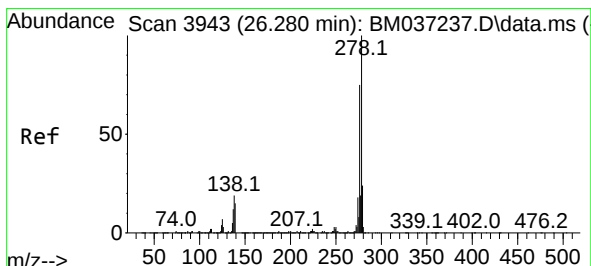
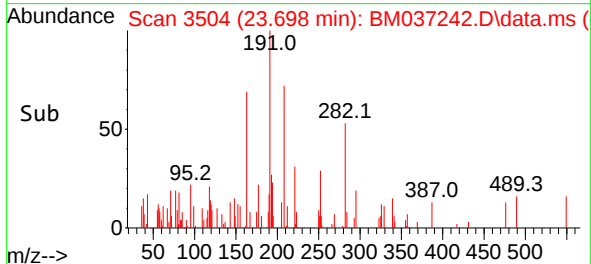
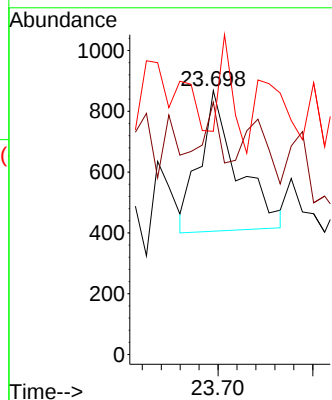
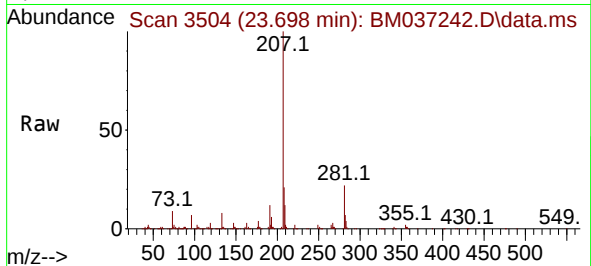




#90
Benzo(a)pyrene
Concen: 0.015 ng
RT: 23.698 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

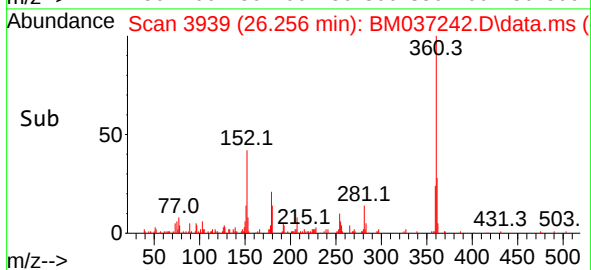
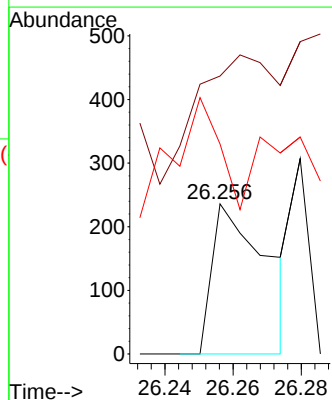
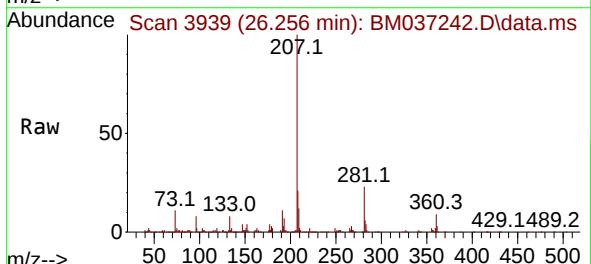
Instrument :
BNA_M
ClientSampleId :
PB148383BL

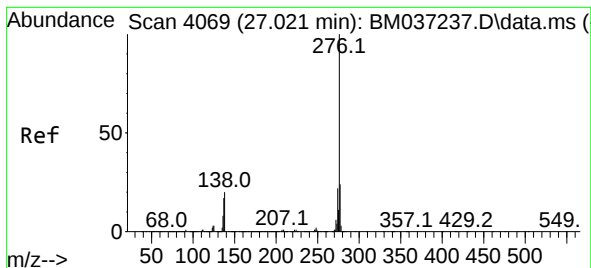
Tgt Ion:252 Resp: 639
Ion Ratio Lower Upper
252 100
253 95.6 17.5 26.3#
125 84.6 8.0 12.0#



#91
Dibenzo(a,h)anthracene
Concen: 0.006 ng
RT: 26.256 min Scan# 3939
Delta R.T. -0.023 min
Lab File: BM037242.D
Acq: 26 Oct 2022 17:15

Tgt Ion:278 Resp: 259
Ion Ratio Lower Upper
278 100
139 185.2 11.8 17.6#
279 139.8 18.9 28.3#





#92

Benzo(g,h,i)perylene

Concen: 0.008 ng

RT: 27.033 min Scan# 40

Delta R.T. 0.012 min

Lab File: BM037242.D

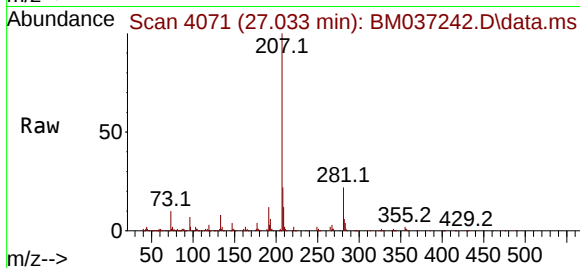
Acq: 26 Oct 2022 17:15

Instrument :

BNA_M

ClientSampleId :

PB148383BL



Tgt Ion: 276 Resp: 349

Ion Ratio Lower Upper

276 100

277 0.0 19.2 28.8#

138 0.0 16.2 24.4#

