

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037466.D
 Acq On : 11 Nov 2022 14:27
 Operator : CG/JU
 Sample : N5530-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-12

Quant Time: Nov 11 22:55:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	296359	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1145483	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	656972	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1164286	20.000	ng	0.00
76) Chrysene-d12	21.380	240	909887	20.000	ng	0.00
86) Perylene-d12	23.721	264	984985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2345156	136.712	ng	0.00
7) Phenol-d6	6.993	99	2960766	127.172	ng	0.00
23) Nitrobenzene-d5	8.981	82	1815742	79.974	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1145366	147.938	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	4214866	85.244	ng	0.00
79) Terphenyl-d14	19.821	244	5014697	98.833	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	583	0.083	ng	# 67
3) Pyridine	3.663	79	298	0.014	ng	# 1
4) n-Nitrosodimethylamine	3.563	42	459	0.050	ng	# 1
6) Aniline	7.134	93	308	0.011	ng	# 1
8) 2-Chlorophenol	7.375	128	125	0.006	ng	# 1
9) Benzaldehyde	6.993	77	6144	0.521	ng	# 6
10) Phenol	7.016	94	20748	0.795	ng	# 52
11) bis(2-Chloroethyl)ether	7.228	93	595	0.028	ng	# 50
15) Benzyl Alcohol	8.063	79	382	0.023	ng	# 37
16) 2,2'-oxybis(1-Chloropr...	8.345	45	291	0.010	ng	# 1
17) 2-Methylphenol	8.263	107	59	0.003	ng	# 1
18) Hexachloroethane	8.875	117	61	0.007	ng	# 3
19) n-Nitroso-di-n-propyla...	8.663	70	252	0.089	ng	# 1
20) 3+4-Methylphenols	8.581	107	62	0.003	ng	# 1
22) Acetophenone	8.645	105	2047	0.069	ng	# 10
24) Nitrobenzene	8.981	77	5781	0.251	ng	# 38
25) Isophorone	9.604	82	120	0.003	ng	# 55
28) bis(2-Chloroethoxy)met...	10.028	93	75	0.003	ng	# 1
31) Naphthalene	10.651	128	587	0.009	ng	# 69
33) 4-Chloroaniline	10.828	127	54	0.002	ng	# 1
35) Caprolactam	11.633	113	376	0.070	ng	# 38
36) 4-Chloro-3-methylphenol	11.957	107	270	0.015	ng	# 17
46) 1,1'-Biphenyl	13.075	154	8191	0.154	ng	# 1
48) 2-Nitroaniline	13.557	65	55	0.005	ng	# 4
49) Acenaphthylene	14.180	152	117	0.002	ng	# 61
50) Dimethylphthalate	13.922	163	3273	0.065	ng	# 96
51) 2,6-Dinitrotoluene	13.980	165	1023	0.096	ng	# 22
52) Acenaphthene	14.451	154	2495	0.062	ng	# 4
55) Dibenzofuran	14.845	168	211	0.003	ng	# 46
57) 2,4-Dinitrotoluene	14.857	165	118	0.008	ng	# 23
58) Fluorene	15.504	166	60	0.001	ng	# 34
60) Diethylphthalate	15.274	149	15137	0.310	ng	# 99
63) Azobenzene	15.816	77	1225	0.025	ng	# 33
66) n-Nitrosodiphenylamine	15.939	169	33389	0.848	ng	# 44
67) 4-Bromophenyl-phenylether	16.139	248	54	0.004	ng	# 1
71) Phenanthrene	17.239	178	2536	0.035	ng	# 92

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

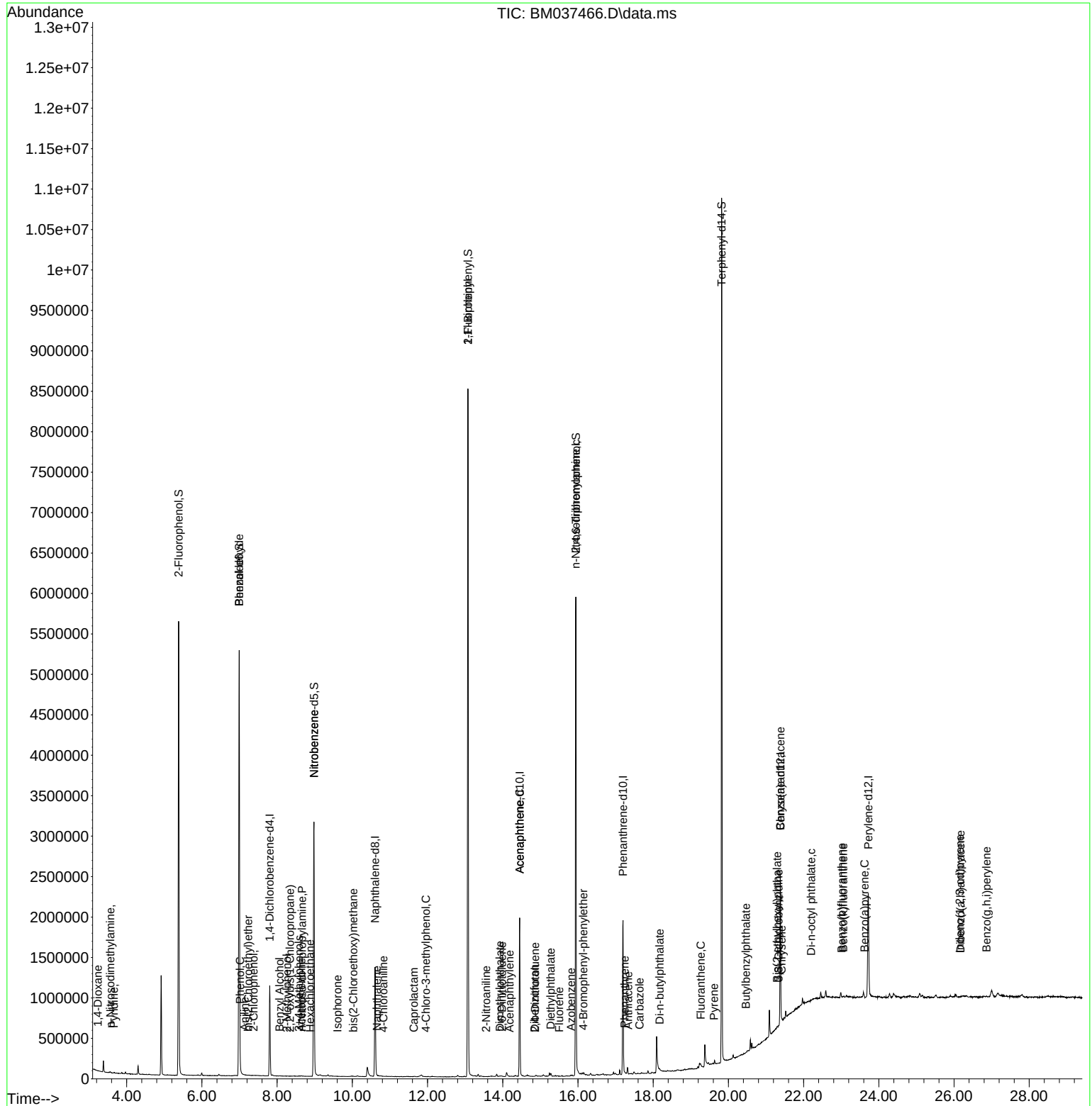
72) Anthracene	17.339	178	950	0.014	ng	# 60
73) Carbazole	17.639	167	592	0.009	ng	# 12
74) Di-n-butylphthalate	18.168	149	13502	0.195	ng	# 97
75) Fluoranthene	19.262	202	1987	0.026	ng	# 56
78) Pyrene	19.615	202	1809	0.026	ng	# 68
80) Butylbenzylphthalate	20.462	149	469	0.019	ng	# 96
81) Benzo(a)anthracene	21.380	228	3059	0.047	ng	# 64
82) 3,3'-Dichlorobenzidine	21.333	252	285	0.015	ng	# 44
83) Chrysene	21.415	228	866	0.014	ng	# 83
84) Bis(2-ethylhexyl)phtha...	21.292	149	6096	0.182	ng	# 90
85) Di-n-octyl phthalate	22.198	149	420	0.008	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.156	276	402	0.005	ng	# 73
88) Benzo(b)fluoranthene	23.009	252	381	0.006	ng	# 1
89) Benzo(k)fluoranthene	23.056	252	1207	0.017	ng	# 1
90) Benzo(a)pyrene	23.621	252	393	0.007	ng	# 1
91) Dibenzo(a,h)anthracene	26.174	278	468	0.007	ng	# 1
92) Benzo(g,h,i)perylene	26.862	276	263	0.004	ng	# 1

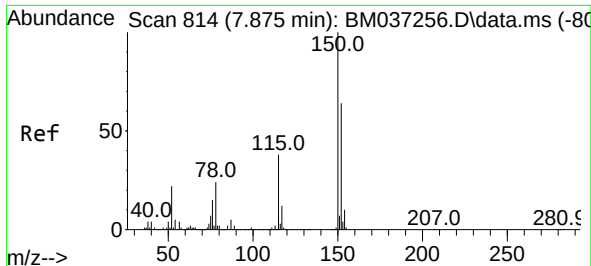
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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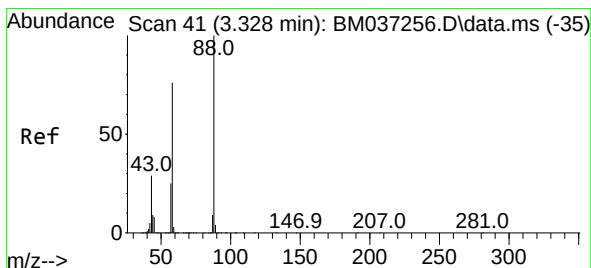
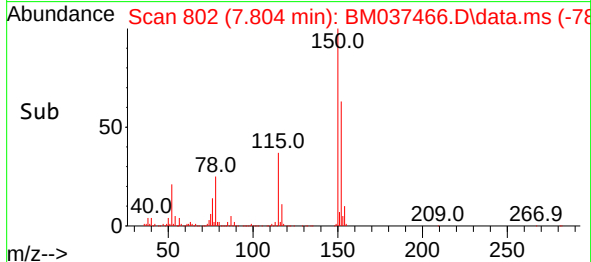
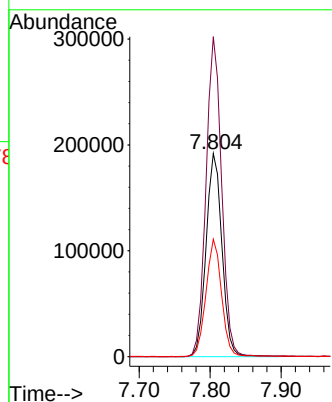
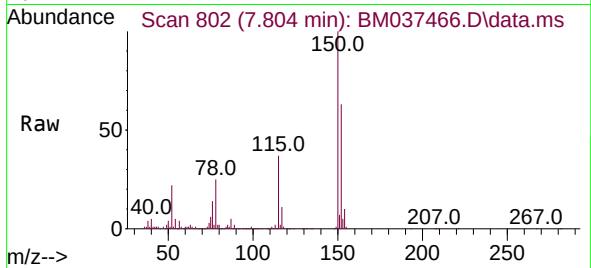




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BM037466.D
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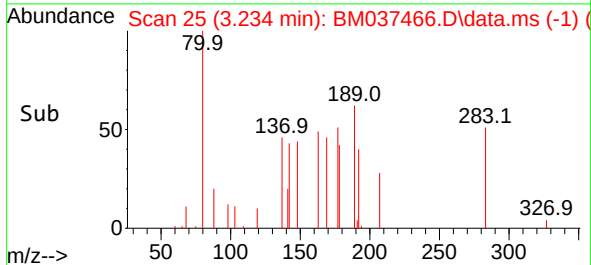
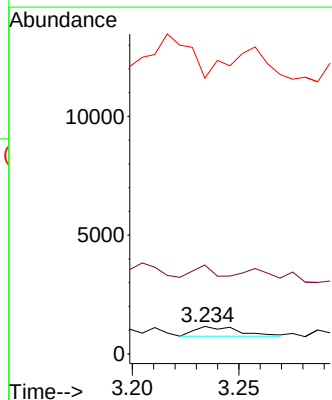
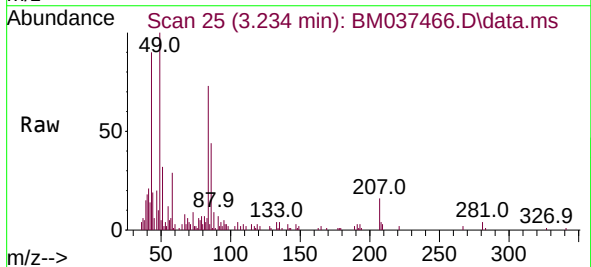
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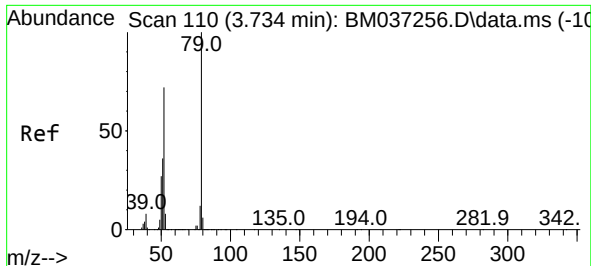
Tgt Ion:152 Resp: 296359
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.8 187.2
 115 57.8 47.0 70.4



#2
 1,4-Dioxane
 Concen: 0.083 ng
 RT: 3.234 min Scan# 25
 Delta R.T. -0.017 min
 Lab File: BM037466.D
 Acq: 11 Nov 2022 14:27

Tgt Ion: 88 Resp: 583
 Ion Ratio Lower Upper
 88 100
 58 58.0 63.5 95.3#
 43 0.0 24.2 36.4#

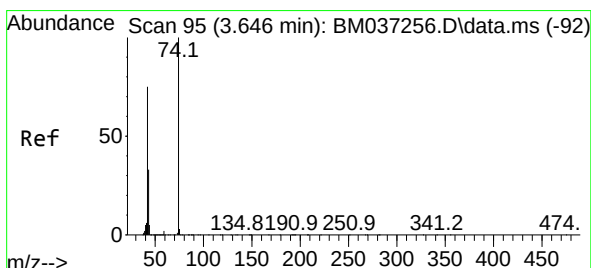
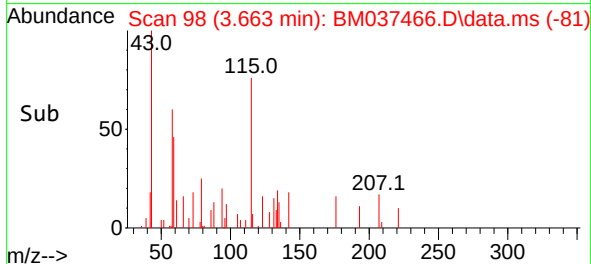
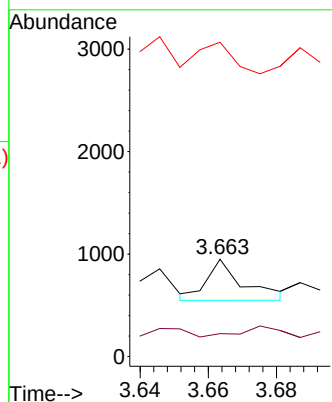
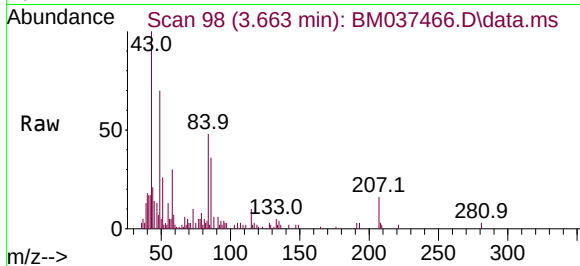




#3
Pyridine
Concen: 0.014 ng
RT: 3.663 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

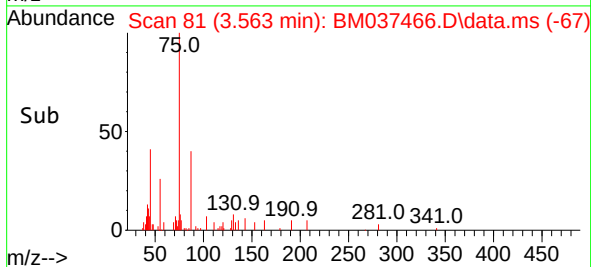
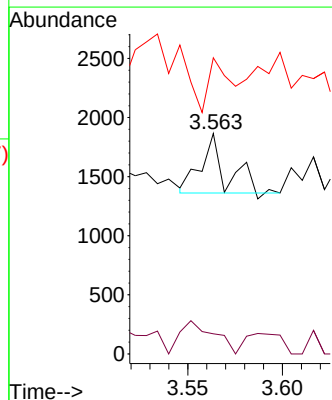
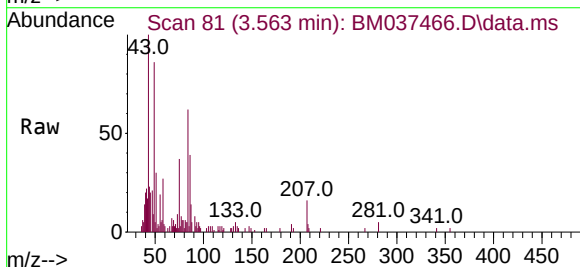
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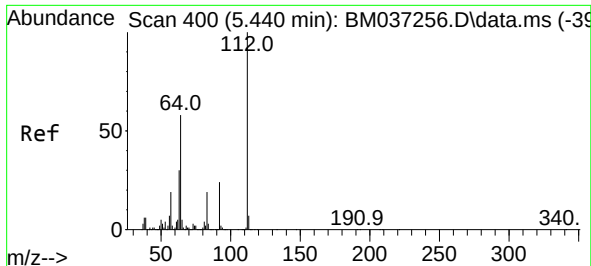
Tgt Ion: 79 Resp: 298
Ion Ratio Lower Upper
79 100
52 23.6 57.8 86.6#
51 322.8 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.050 ng
RT: 3.563 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion: 42 Resp: 459
Ion Ratio Lower Upper
42 100
74 9.1 106.2 159.2#
44 134.3 5.4 8.0#

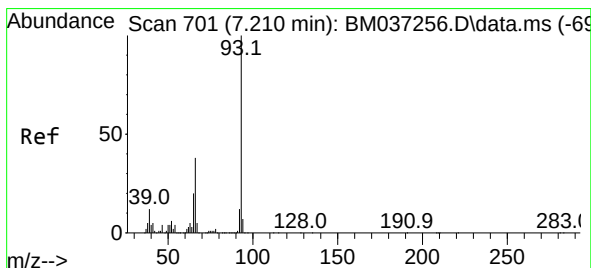
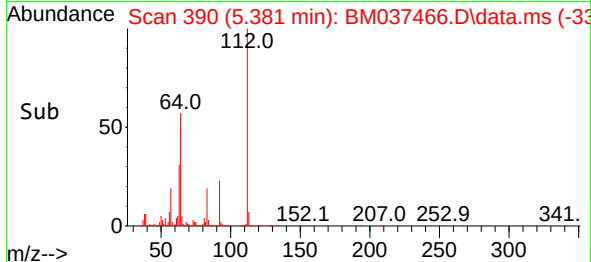
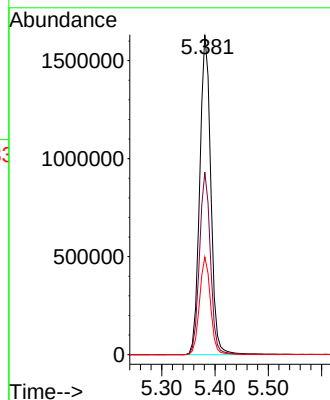
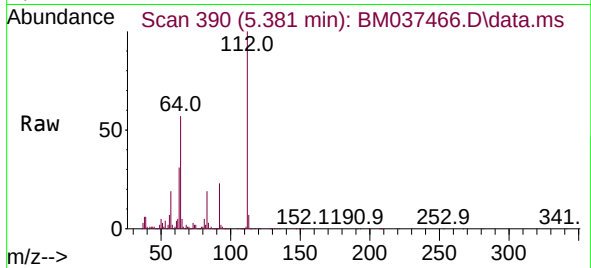




#5
2-Fluorophenol
Concen: 136.712 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

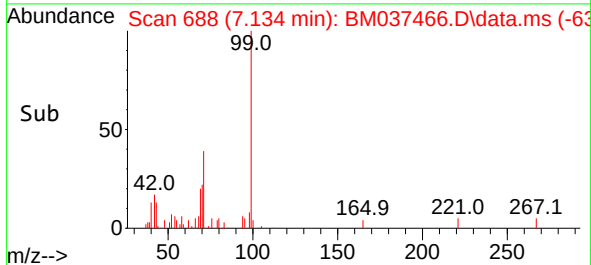
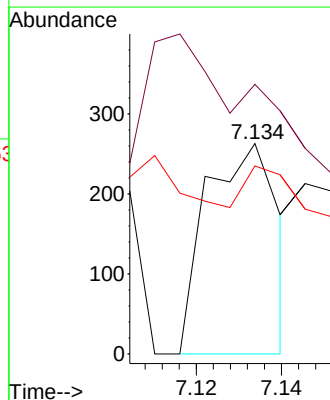
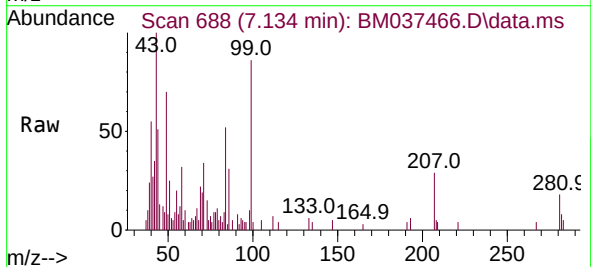
Instrument :
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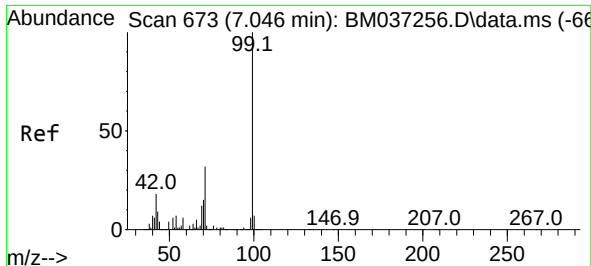
Tgt Ion:112 Resp: 2345156
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 30.5 24.4 36.6



#6
Aniline
Concen: 0.011 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.012 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion: 93 Resp: 308
Ion Ratio Lower Upper
93 100
66 128.1 30.4 45.6#
65 89.4 16.2 24.2#

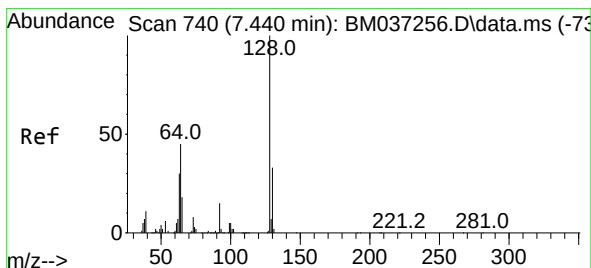
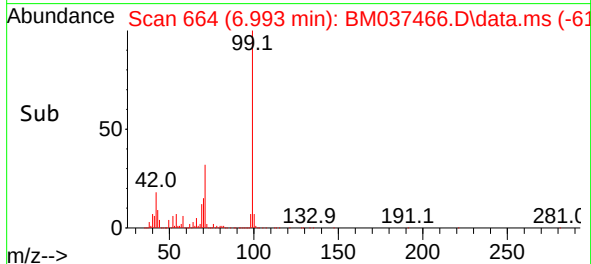
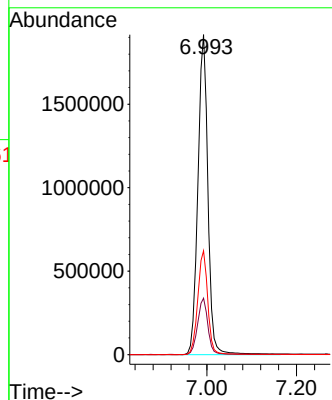
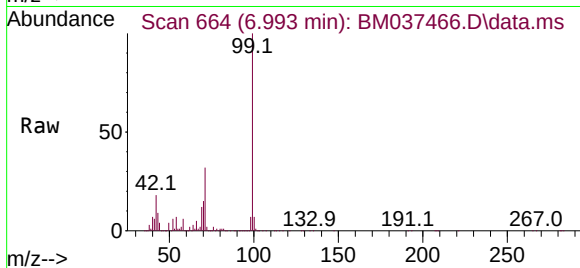




#7
Phenol-d6
Concen: 127.172 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

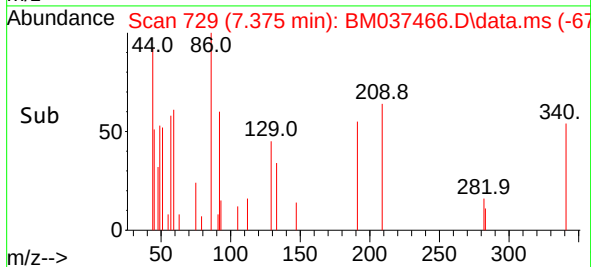
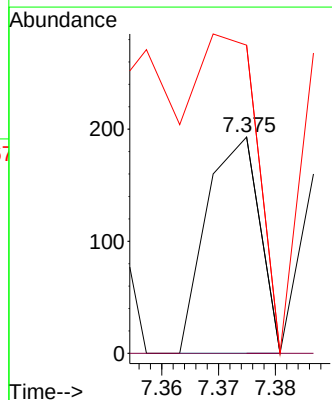
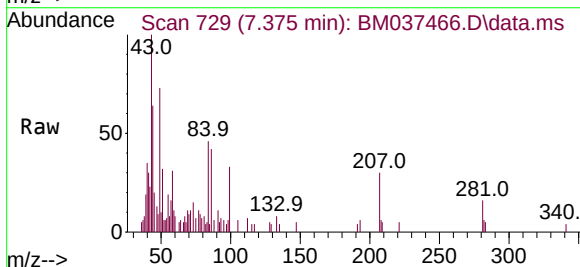
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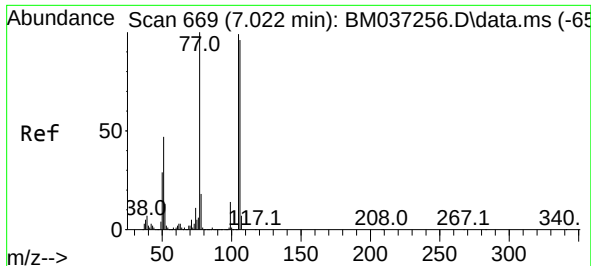
Tgt Ion: 99 Resp: 2960766
Ion Ratio Lower Upper
99 100
42 17.6 14.8 22.2
71 32.5 25.6 38.4



#8
2-Chlorophenol
Concen: 0.006 ng
RT: 7.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion: 128 Resp: 125
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 142.5 26.4 66.4#

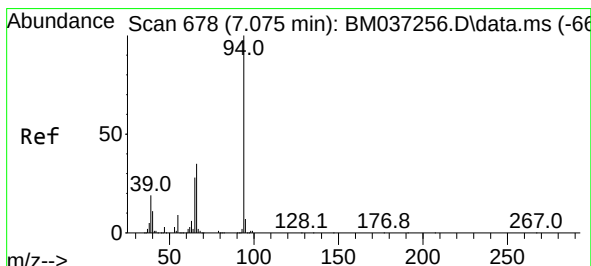
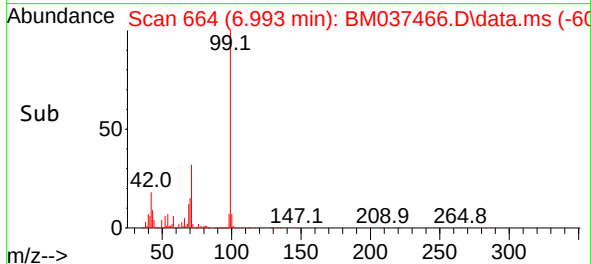
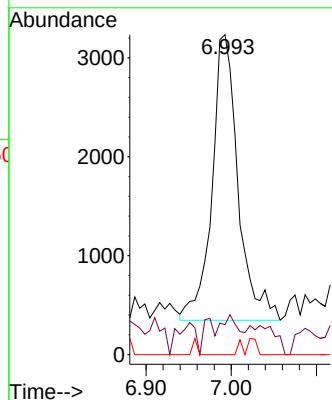
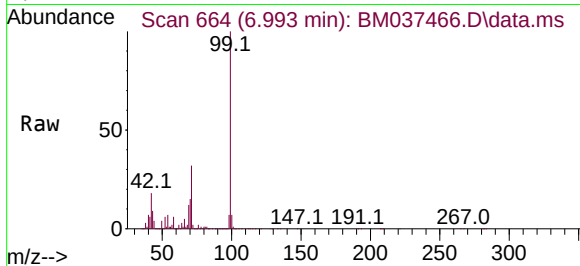




#9
Benzaldehyde
Concen: 0.521 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.035 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

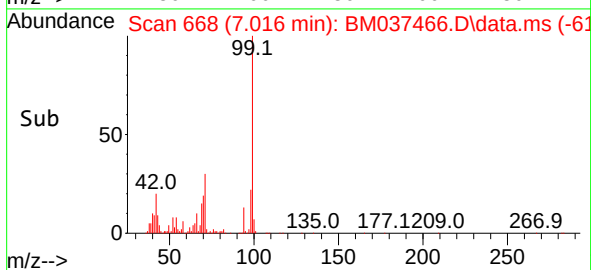
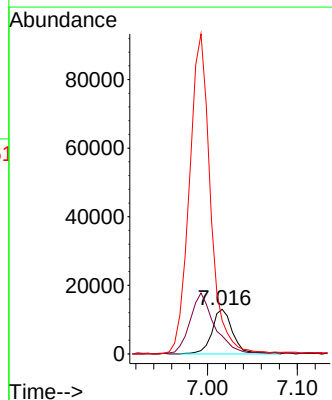
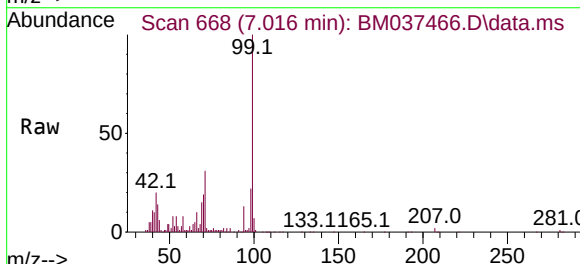
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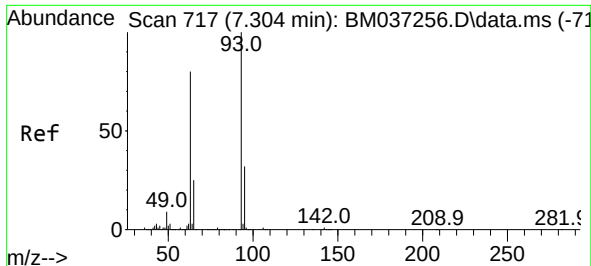
Tgt Ion: 77 Resp: 6144
Ion Ratio Lower Upper
77 100
105 9.3 78.6 118.6#
106 0.0 75.8 115.8#



#10
Phenol
Concen: 0.795 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion: 94 Resp: 20748
Ion Ratio Lower Upper
94 100
65 40.4 8.1 48.1
66 74.7 15.5 55.5#

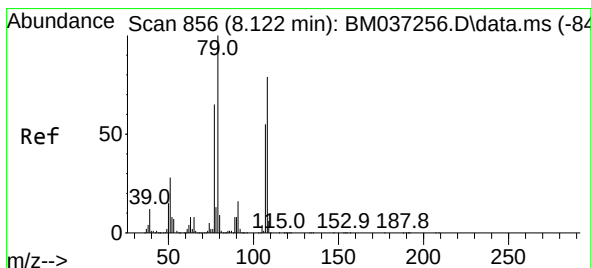
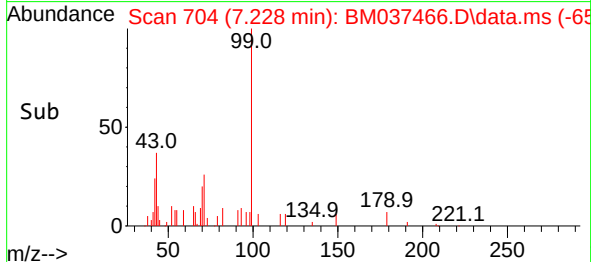
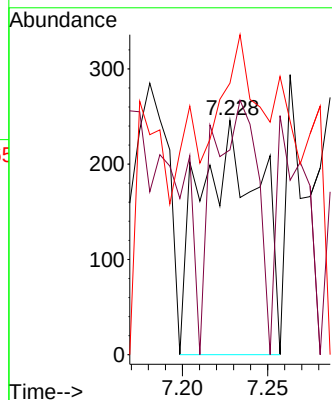
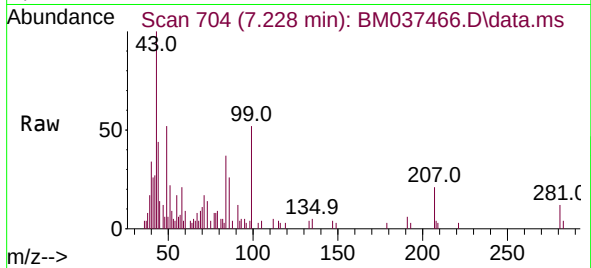




#11
bis(2-Chloroethyl)ether
Concen: 0.028 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

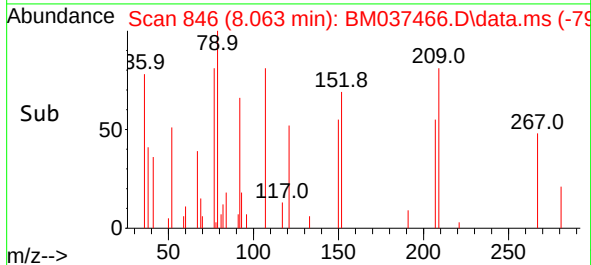
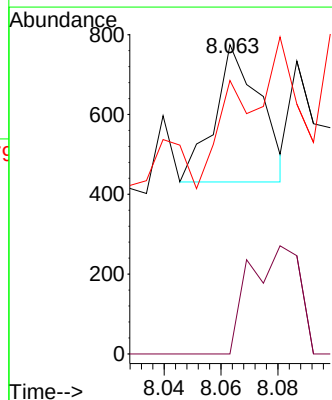
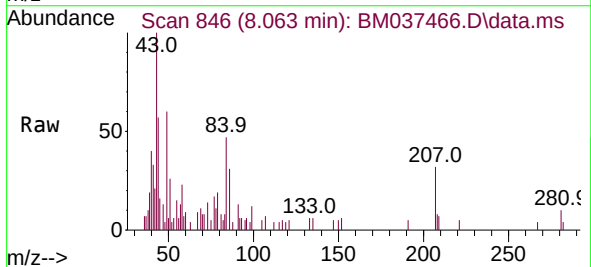
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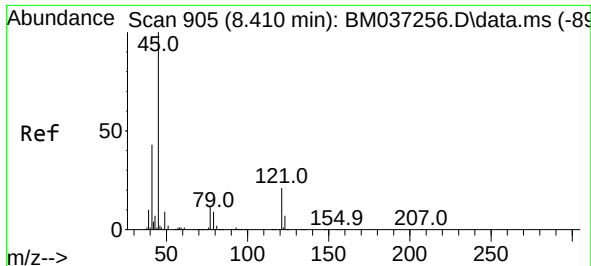
Tgt Ion: 93 Resp: 595
Ion Ratio Lower Upper
93 100
63 87.4 59.3 99.3
95 115.9 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.023 ng
RT: 8.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion: 79 Resp: 382
Ion Ratio Lower Upper
79 100
108 0.0 63.1 94.7#
77 88.4 51.7 77.5#

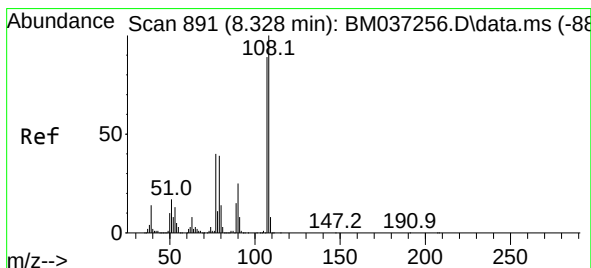
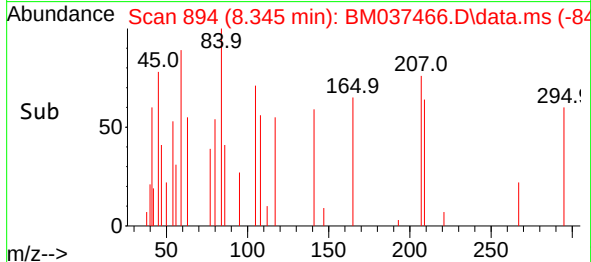
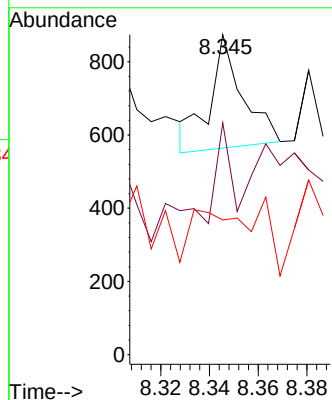
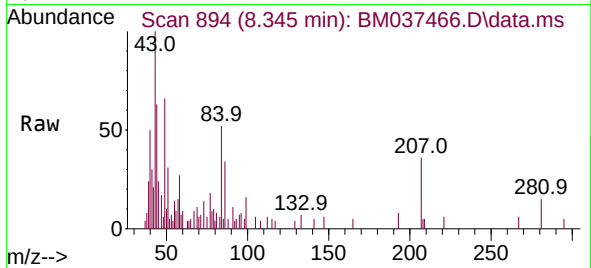




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 8.345 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

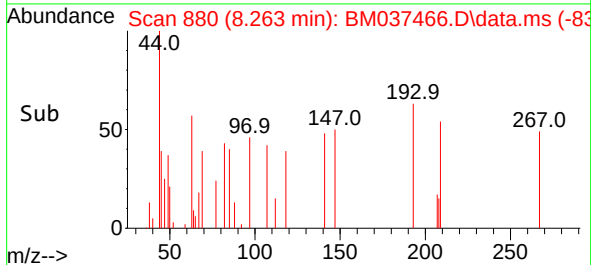
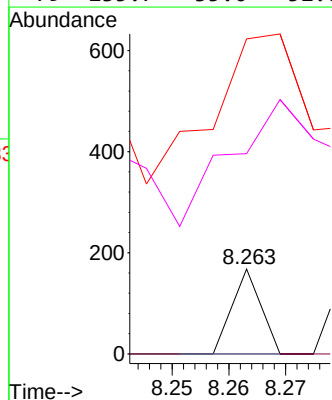
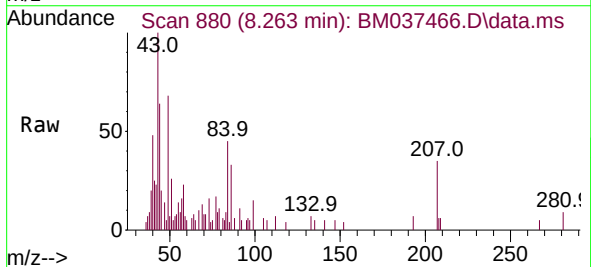
Instrument :
BNA_M
ClientSampleId :
SB-12

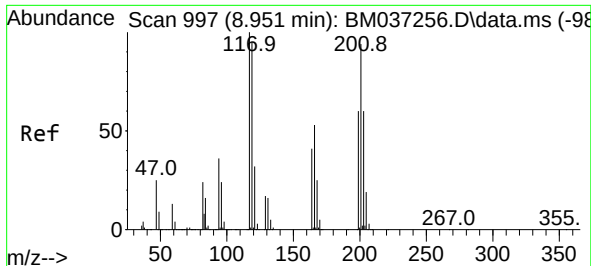
Tgt Ion: 45 Resp: 291
Ion Ratio Lower Upper
45 100
77 72.4 0.0 34.0#
79 42.1 0.0 30.6#



#17
2-Methylphenol
Concen: 0.003 ng
RT: 8.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion: 107 Resp: 59
Ion Ratio Lower Upper
107 100
108 0.0 89.5 134.3#
77 370.8 36.2 54.2#
79 235.7 35.0 52.6#

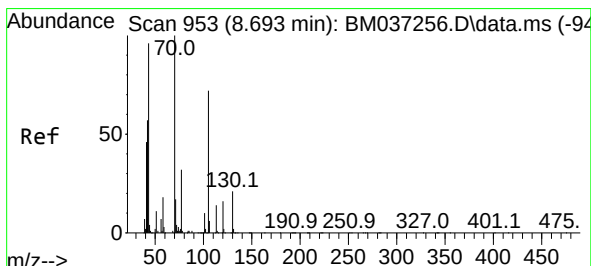
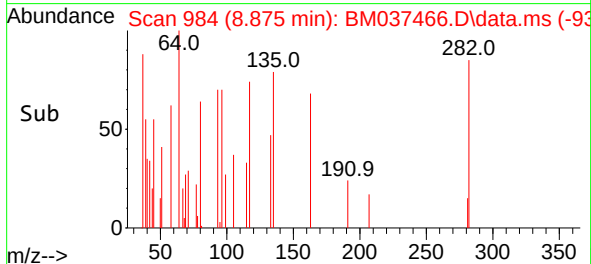
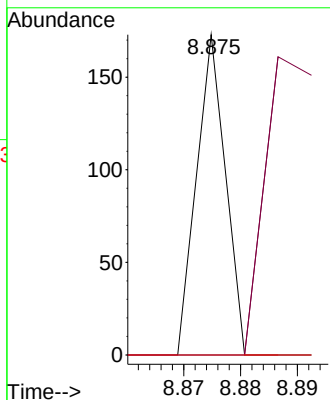
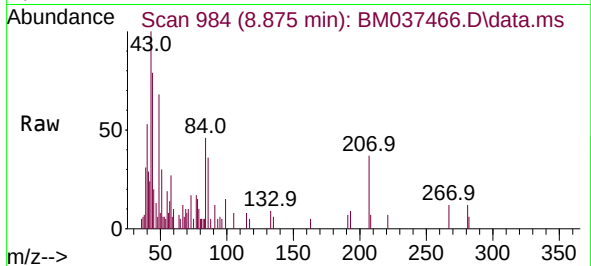




#18
Hexachloroethane
Concen: 0.007 ng
RT: 8.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

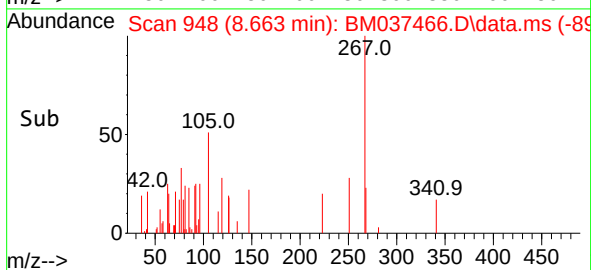
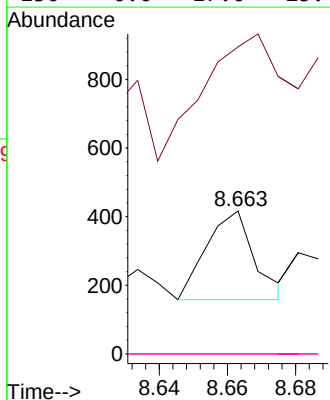
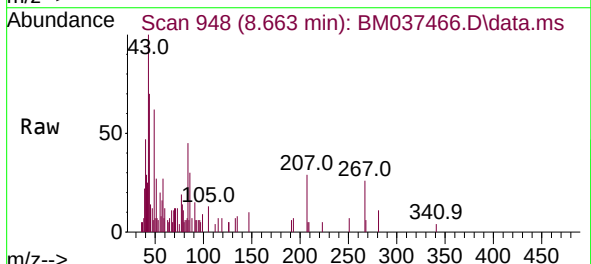
Instrument :
BNA_M
ClientSampleId :
SB-12

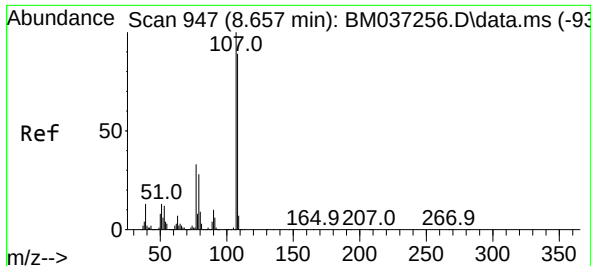
Tgt Ion: 117 Resp: 61
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.089 ng
RT: 8.663 min Scan# 948
Delta R.T. 0.035 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion: 70 Resp: 252
Ion Ratio Lower Upper
70 100
42 214.6 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

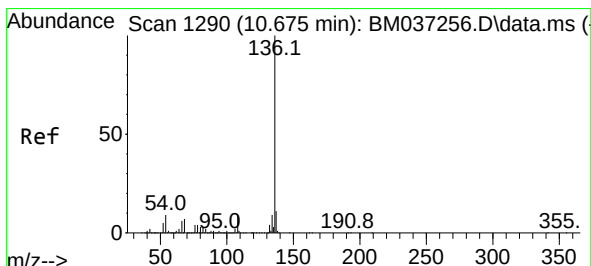
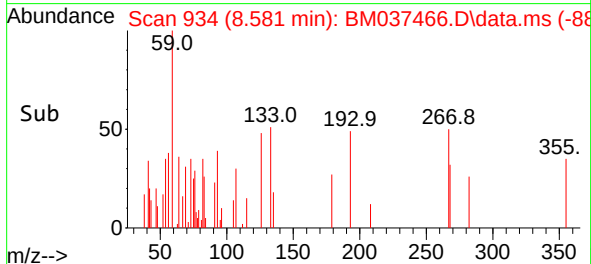
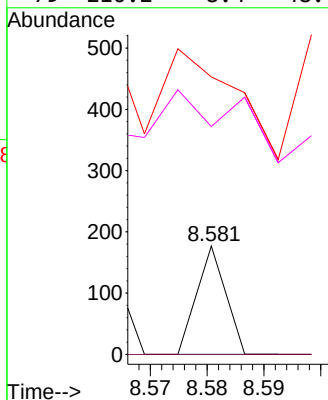
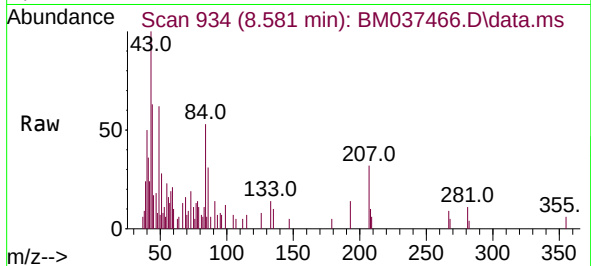




#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

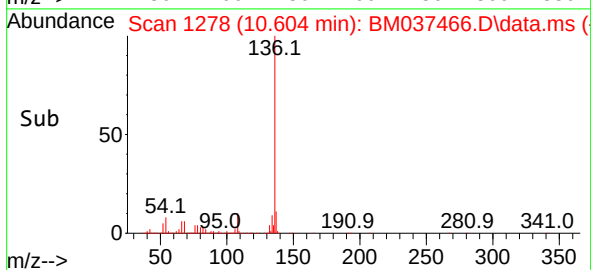
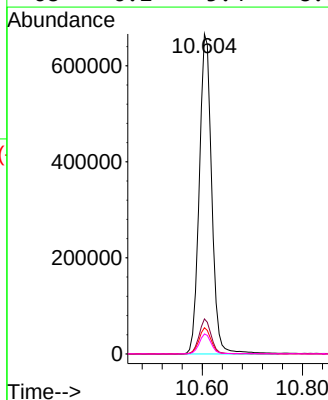
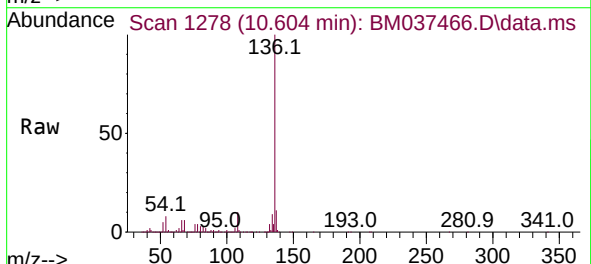
Instrument :
BNA_M
ClientSampleId :
SB-12

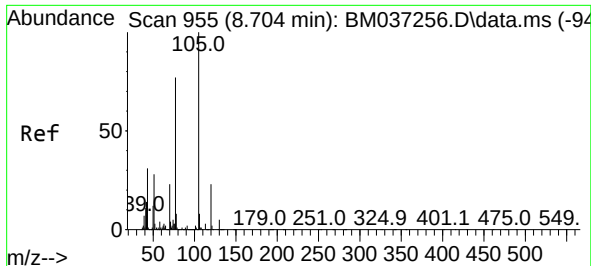
Tgt Ion:107 Resp: 62
Ion Ratio Lower Upper
107 100
108 0.0 69.4 109.4#
77 255.9 12.8 52.8#
79 210.2 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:136 Resp: 1145483
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.0 10.4
68 6.2 5.4 8.0

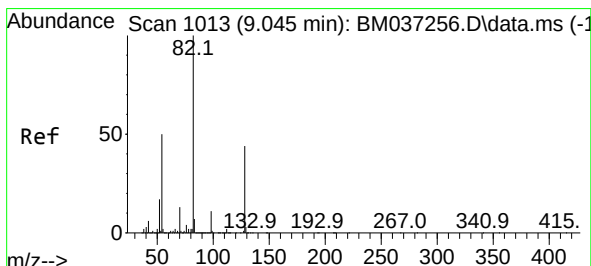
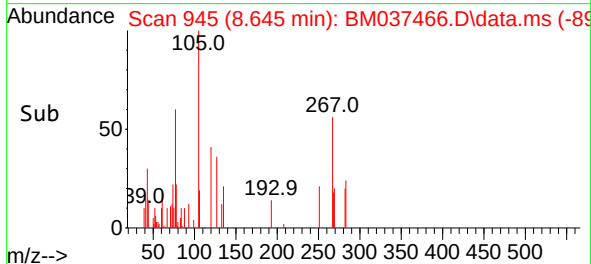
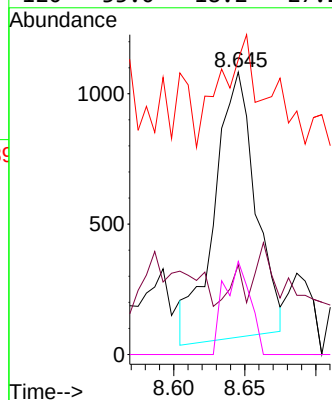
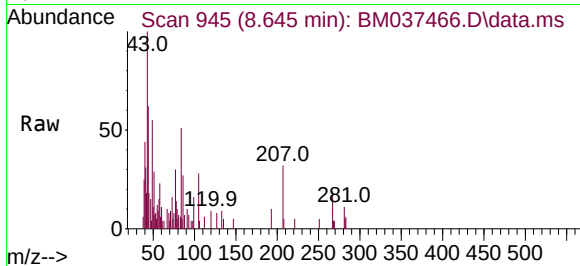




#22
Acetophenone
Concen: 0.069 ng
RT: 8.645 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

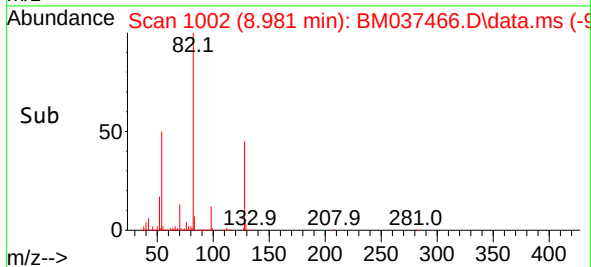
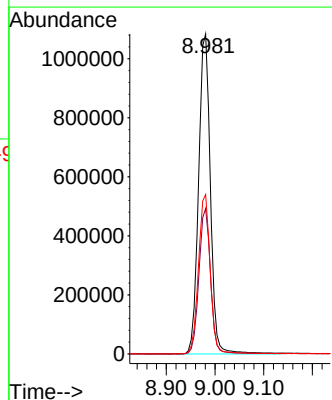
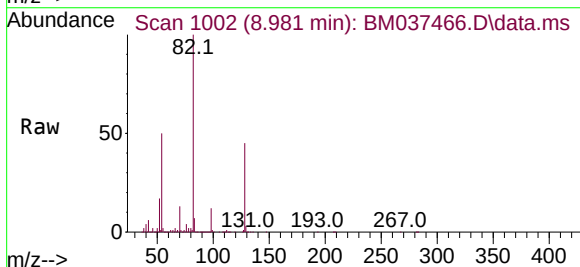
Instrument :
BNA_M
ClientSampleId :
SB-12

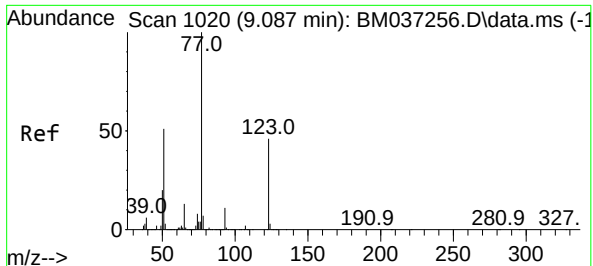
Tgt Ion:	105	Resp:	2047
Ion	Ratio	Lower	Upper
105	100		
71	31.8	3.0	4.4#
51	104.4	22.1	33.1#
120	33.0	18.2	27.2#



#23
Nitrobenzene-d5
Concen: 79.974 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:	82	Resp:	1815742
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.2	52.8
54	49.8	40.4	60.6

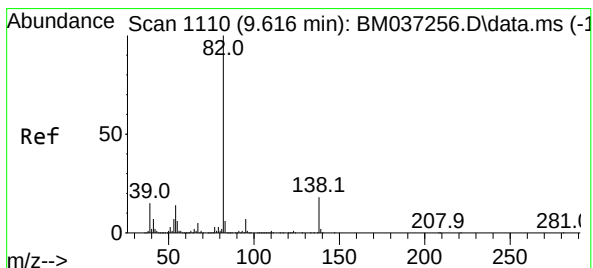
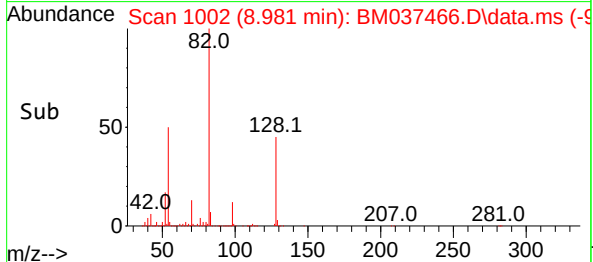
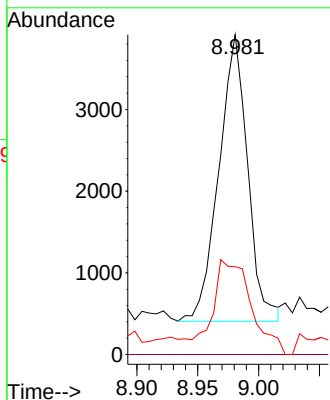
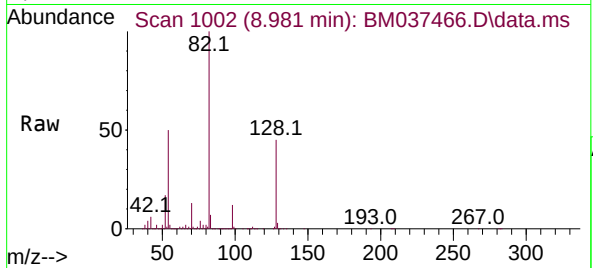




#24
Nitrobenzene
Concen: 0.251 ng
RT: 8.981 min Scan# 10
Delta R.T. -0.041 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

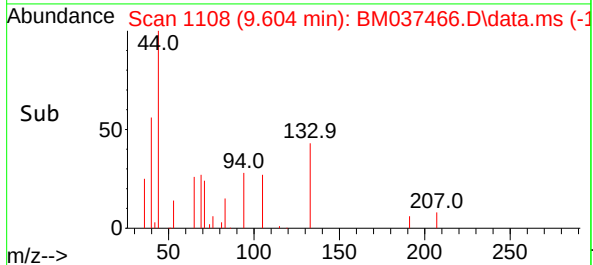
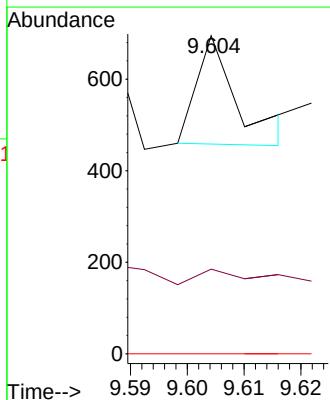
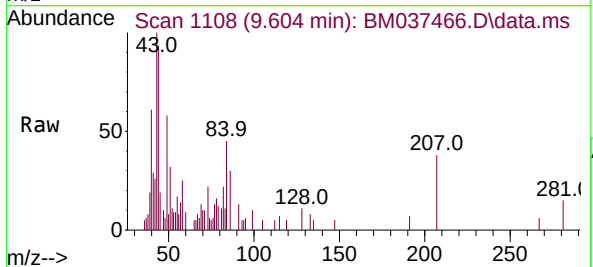
Instrument :
BNA_M
ClientSampleId :
SB-12

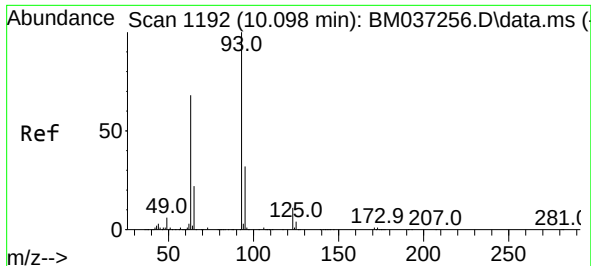
Tgt Ion: 77 Resp: 5781
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 27.4 10.6 16.0#



#25
Isophorone
Concen: 0.003 ng
RT: 9.604 min Scan# 1108
Delta R.T. 0.053 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion: 82 Resp: 120
Ion Ratio Lower Upper
82 100
95 26.6 5.4 8.0#
138 0.0 14.2 21.4#





#28

bis(2-Chloroethoxy)methane

Concen: 0.003 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM037466.D

Acq: 11 Nov 2022 14:27

Instrument :

BNA_M

ClientSampleId :

SB-12

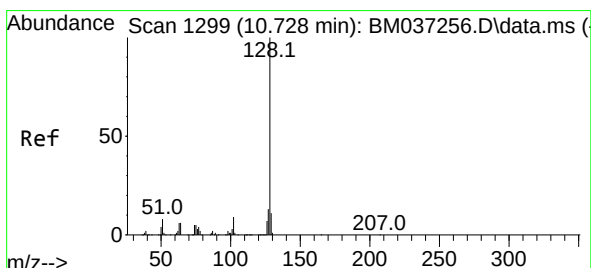
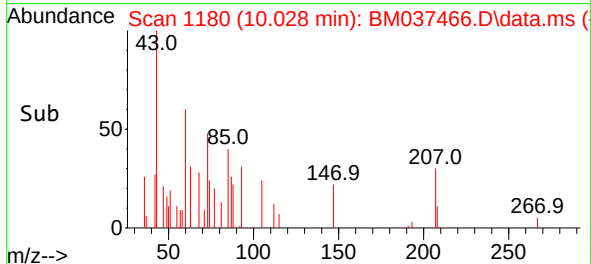
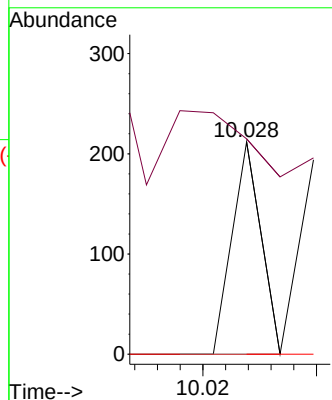
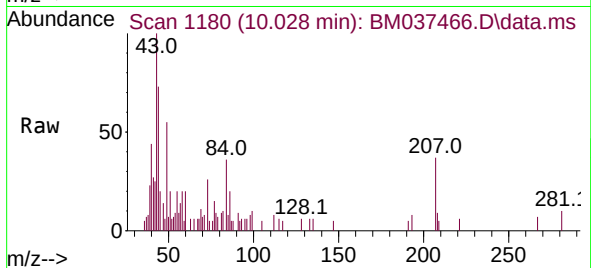
Tgt Ion: 93 Resp: 75

Ion Ratio Lower Upper

93 100

95 101.4 25.8 38.8#

123 0.0 9.3 13.9#



#31

Naphthalene

Concen: 0.009 ng

RT: 10.651 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BM037466.D

Acq: 11 Nov 2022 14:27

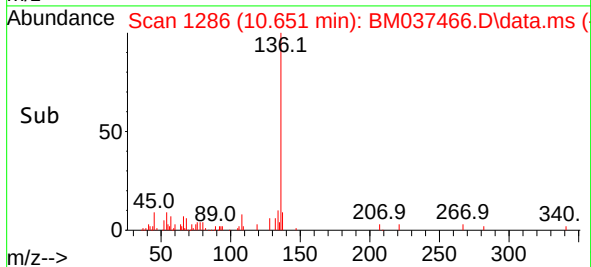
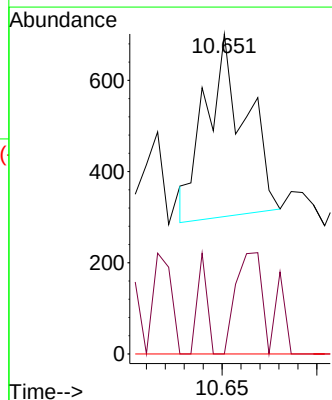
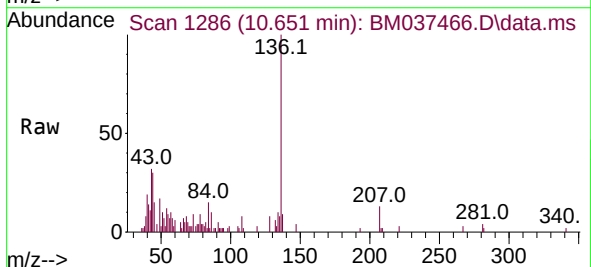
Tgt Ion: 128 Resp: 587

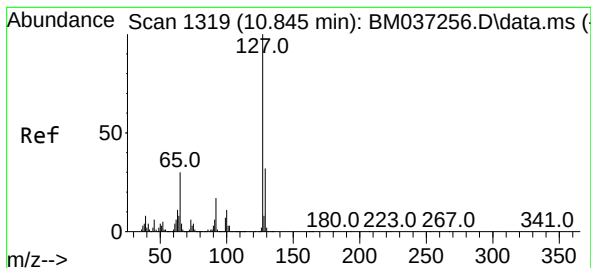
Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.2 15.2#

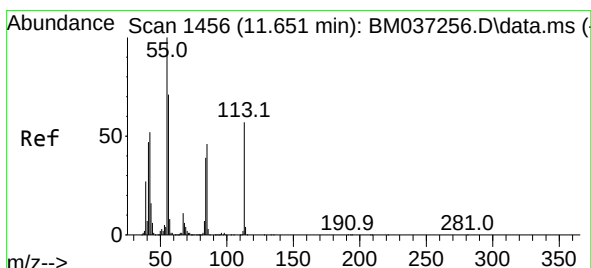
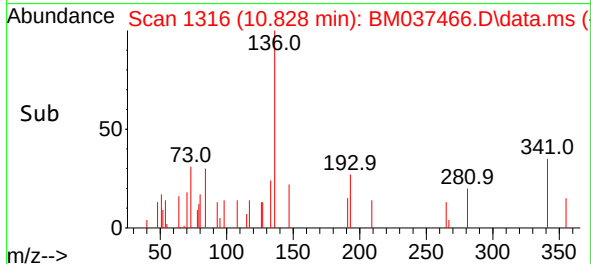
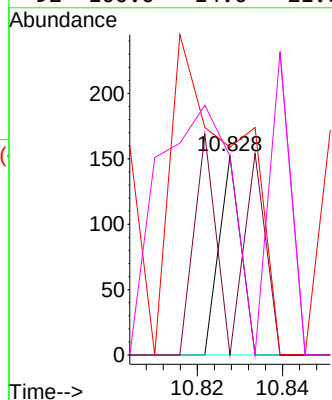
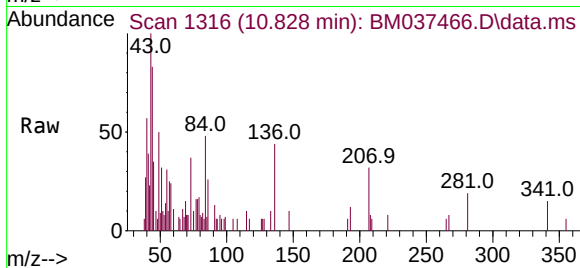




#33
4-Chloroaniline
Concen: 0.002 ng
RT: 10.828 min Scan# 1319
Delta R.T. 0.041 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

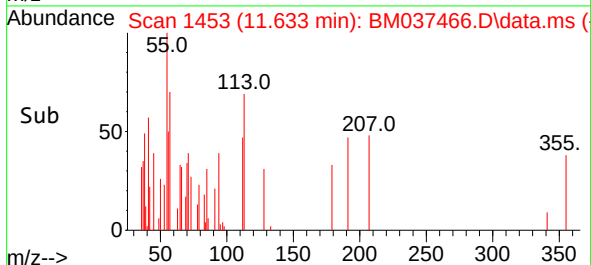
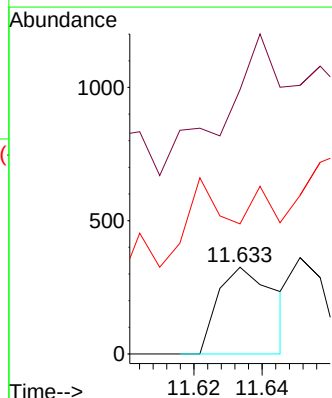
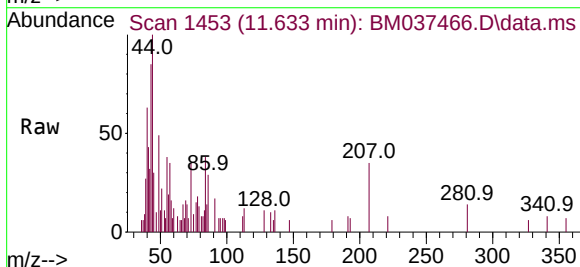
Instrument :
BNA_M
ClientSampleId :
SB-12

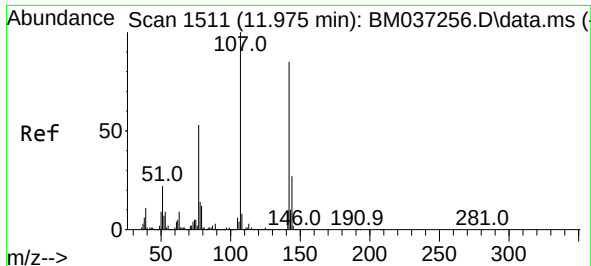
Tgt Ion:127	Resp:	54
Ion Ratio	Lower	Upper
127	100	
129	0.0	25.5 38.3#
65	104.6	24.0 36.0#
92	100.0	14.0 21.0#



#35
Caprolactam
Concen: 0.070 ng
RT: 11.633 min Scan# 1453
Delta R.T. 0.018 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:113	Resp:	376
Ion Ratio	Lower	Upper
113	100	
55	305.2	156.9 196.9#
56	150.2	106.4 146.4#

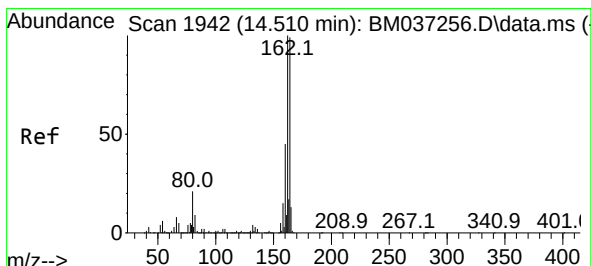
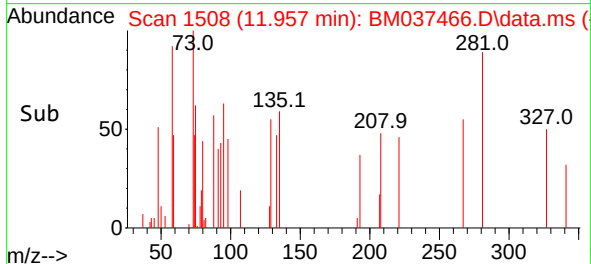
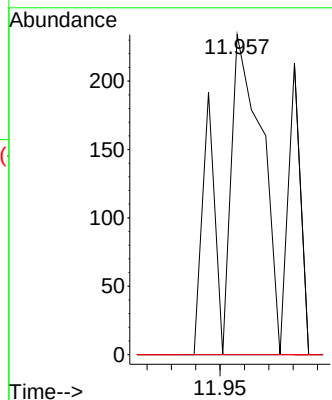
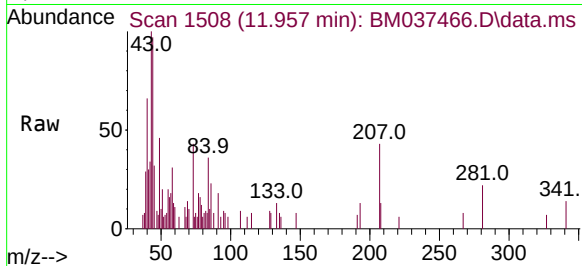




#36
4-Chloro-3-methylphenol
Concen: 0.015 ng
RT: 11.957 min Scan# 11
Delta R.T. 0.035 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

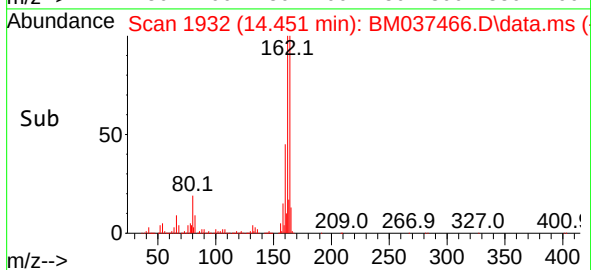
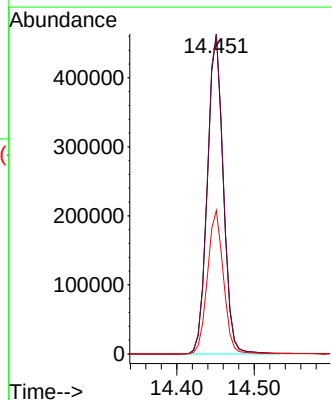
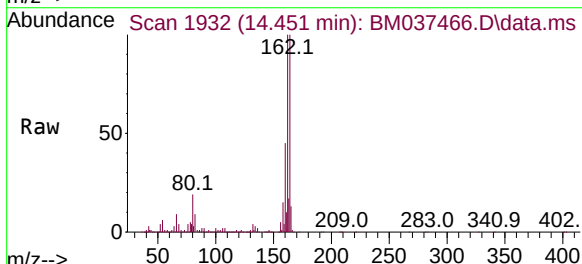
Instrument :
BNA_M
ClientSampleId :
SB-12

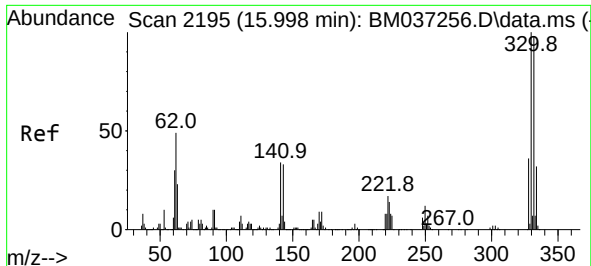
Tgt Ion:107 Resp: 270
Ion Ratio Lower Upper
107 100
144 0.0 21.8 32.6#
142 0.0 68.1 102.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:164 Resp: 656972
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.8 36.2 54.4

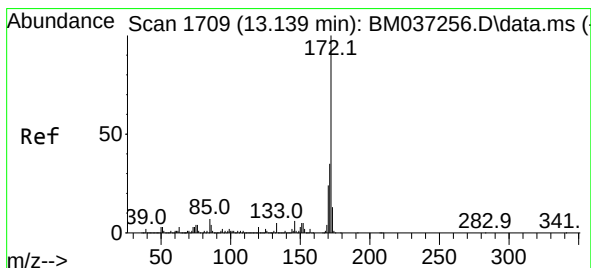
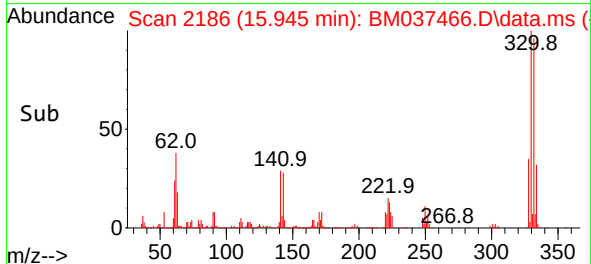
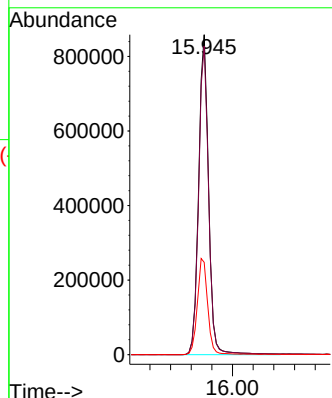
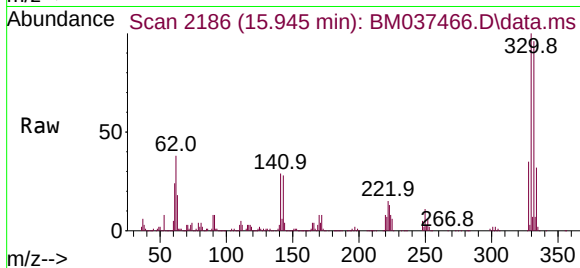




#42
2,4,6-Tribromophenol
Concen: 147.938 ng
RT: 15.945 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

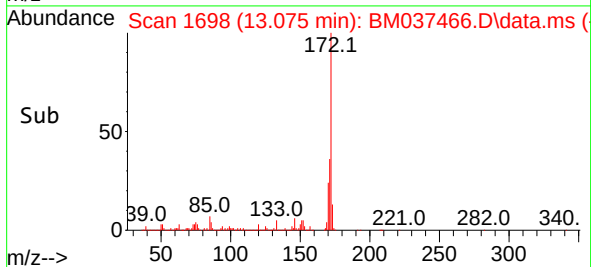
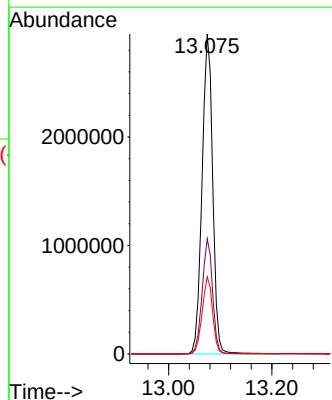
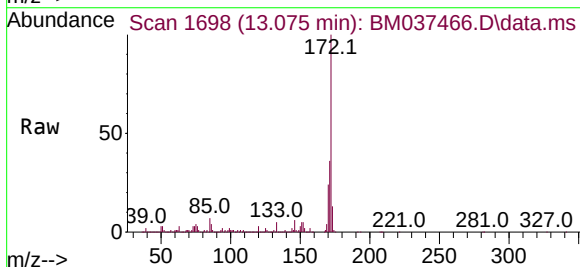
Instrument :
BNA_M
ClientSampleId :
SB-12

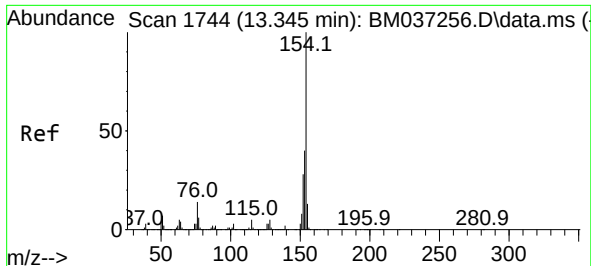
Tgt Ion:330 Resp: 1145366
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 31.3 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 85.244 ng
RT: 13.075 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:172 Resp: 4214866
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.1 19.0 28.4

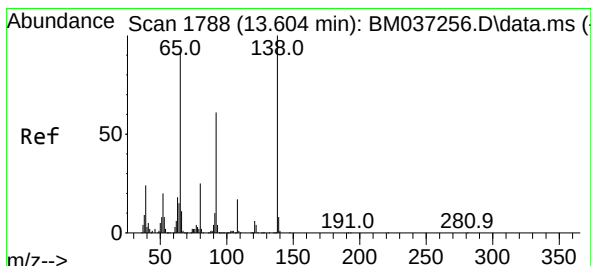
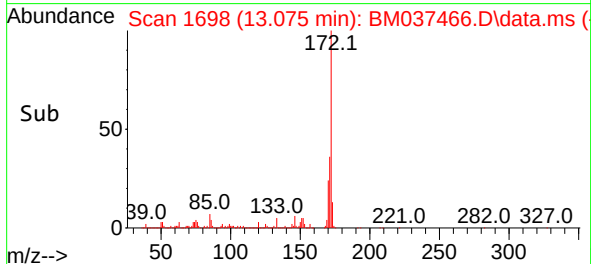
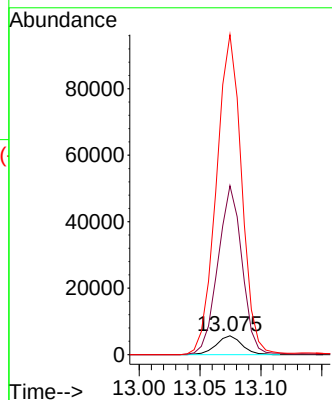
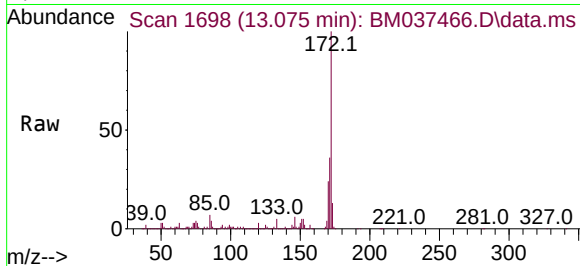




#46
1,1'-Biphenyl
Concen: 0.154 ng
RT: 13.075 min Scan# 1744
Delta R.T. -0.212 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

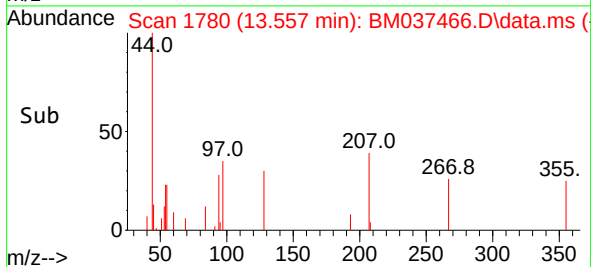
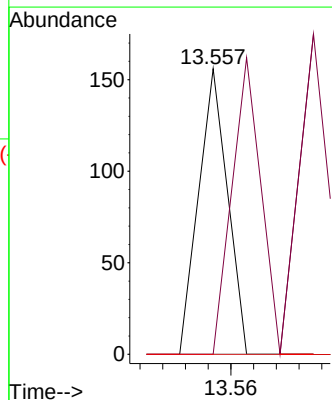
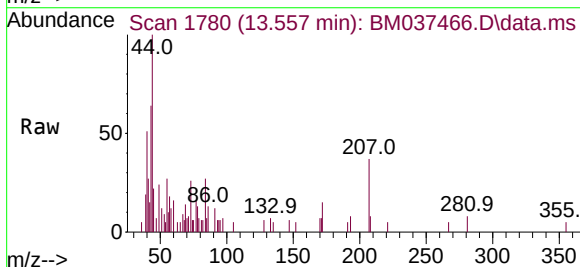
Instrument :
BNA_M
ClientSampleId :
SB-12

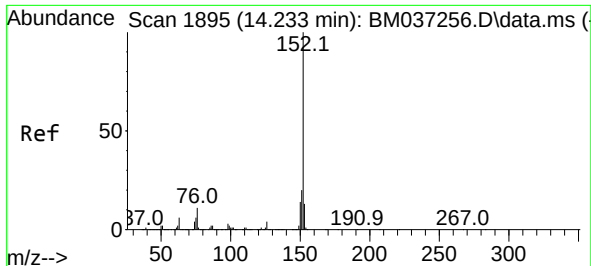
Tgt Ion:154 Resp: 8191
Ion Ratio Lower Upper
154 100
153 898.6 20.3 60.3#
76 1702.1 0.0 33.7#



#48
2-Nitroaniline
Concen: 0.005 ng
RT: 13.557 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 87.4 131.2#

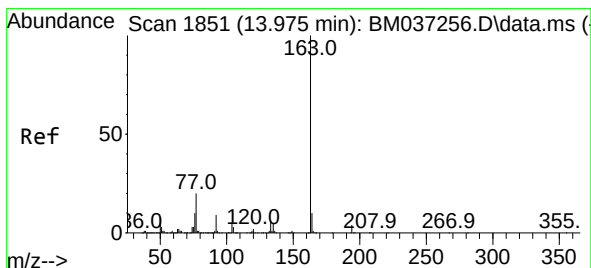
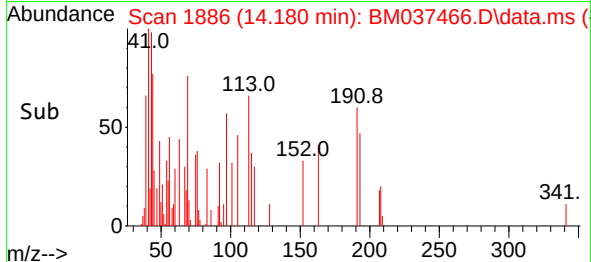
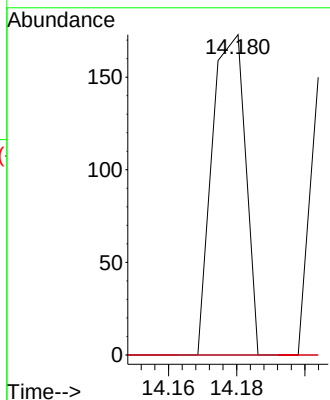
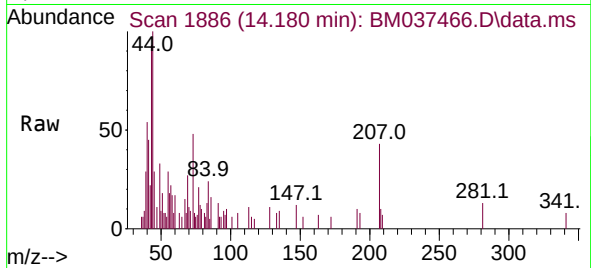




#49
Acenaphthylene
Concen: 0.002 ng
RT: 14.180 min Scan# 1886
Delta R.T. 0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

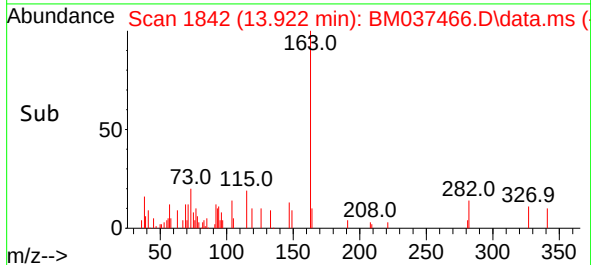
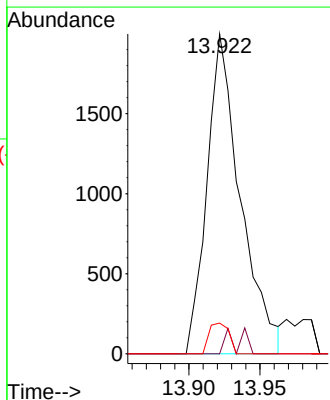
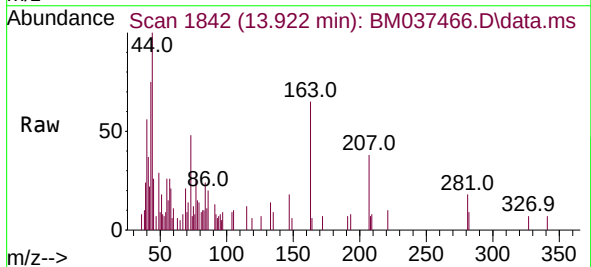
Instrument :
BNA_M
ClientSampleId :
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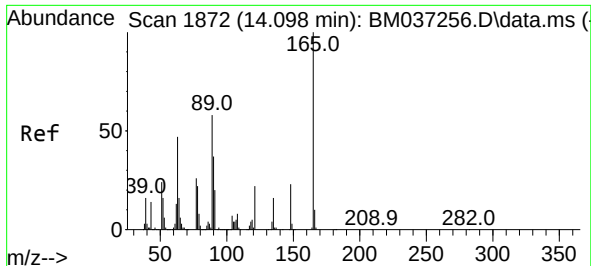
Tgt Ion:152 Resp: 117
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 0.0 10.6 15.8#



#50
Dimethylphthalate
Concen: 0.065 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:163 Resp: 3273
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 9.6 8.2 12.2

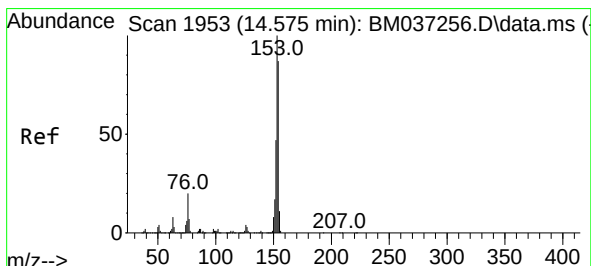
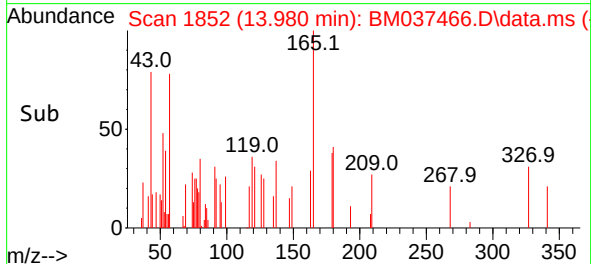
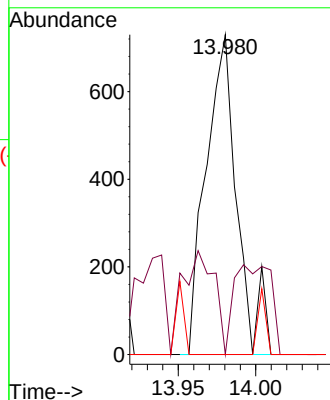
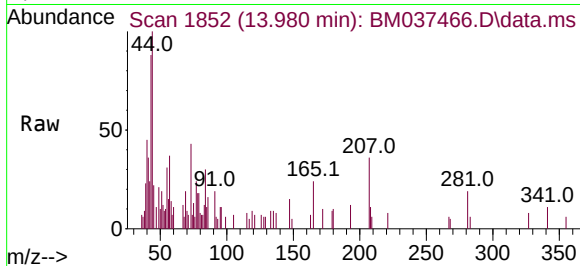




#51
2,6-Dinitrotoluene
Concen: 0.096 ng
RT: 13.980 min Scan# 1872
Delta R.T. -0.070 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

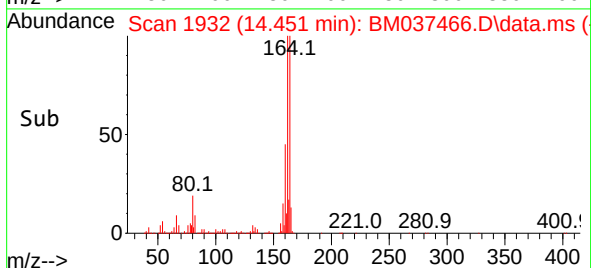
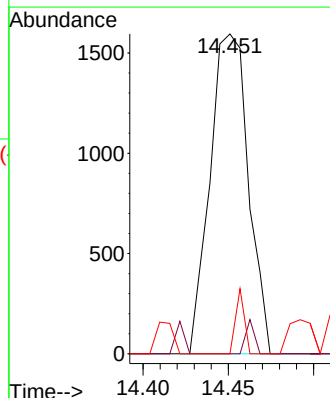
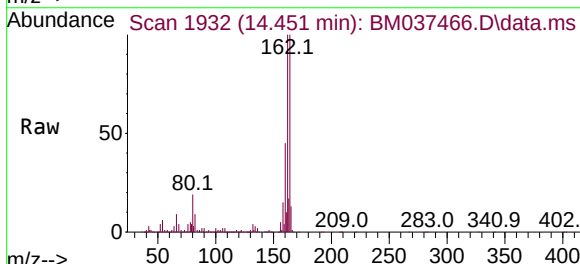
Instrument :
BNA_M
ClientSampleId :
SB-12

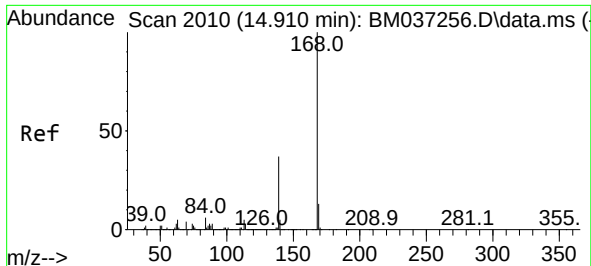
Tgt Ion:165 Resp: 1023
Ion Ratio Lower Upper
165 100
63 0.0 46.2 69.2#
89 0.0 46.6 69.8#



#52
Acenaphthene
Concen: 0.062 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.065 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:154 Resp: 2495
Ion Ratio Lower Upper
154 100
153 0.0 91.5 137.3#
152 0.0 43.0 64.6#

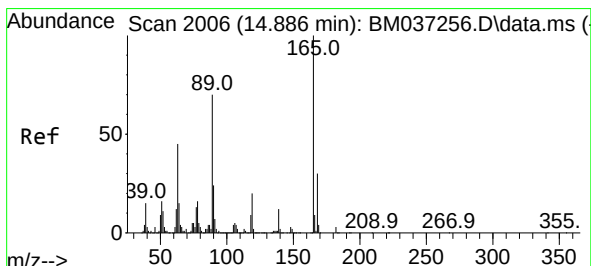
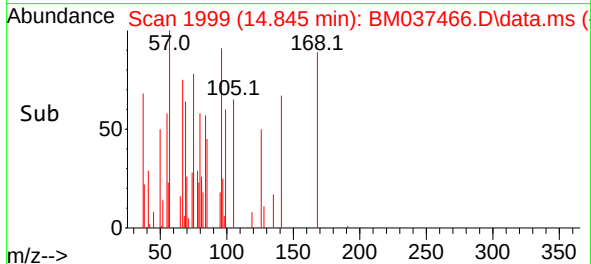
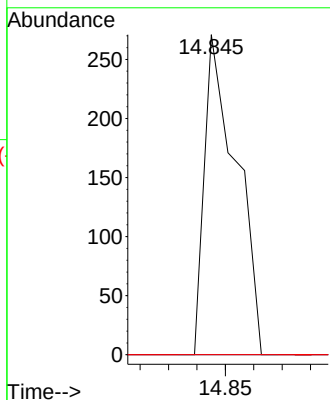
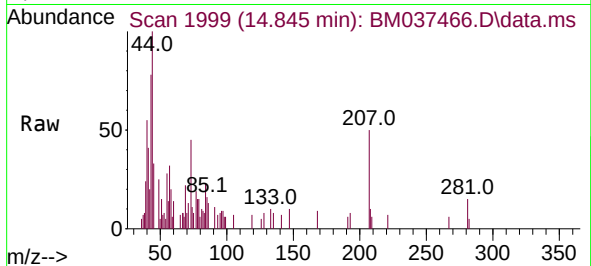




#55
Dibenzenofuran
Concen: 0.003 ng
RT: 14.845 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

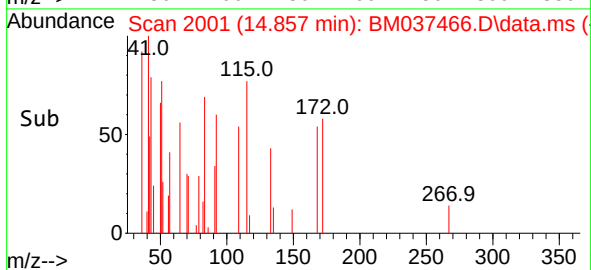
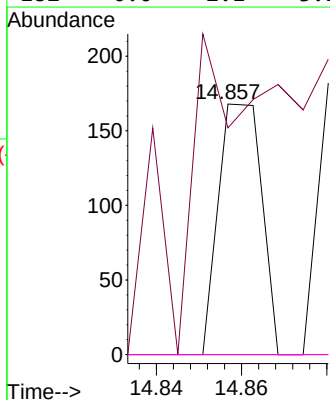
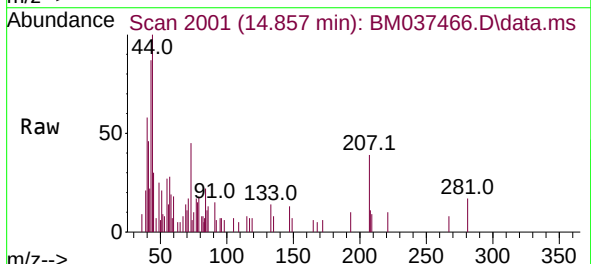
Instrument :
BNA_M
ClientSampleId :
SB-12

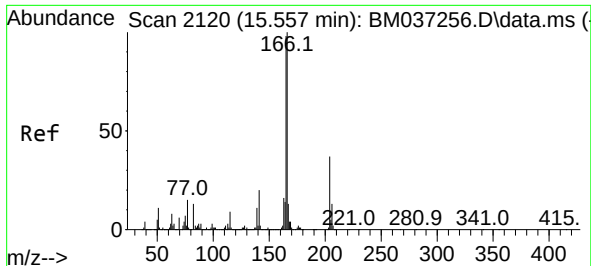
Tgt Ion:168 Resp: 211
Ion Ratio Lower Upper
168 100
139 0.0 29.3 43.9#
169 0.0 10.6 16.0#



#57
2,4-Dinitrotoluene
Concen: 0.008 ng
RT: 14.857 min Scan# 2001
Delta R.T. 0.018 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:165 Resp: 118
Ion Ratio Lower Upper
165 100
63 90.5 36.3 54.5#
89 0.0 56.3 84.5#
182 0.0 2.1 3.1#

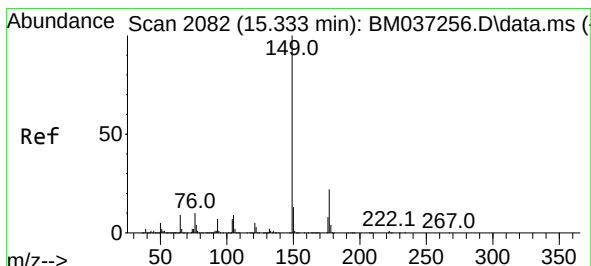
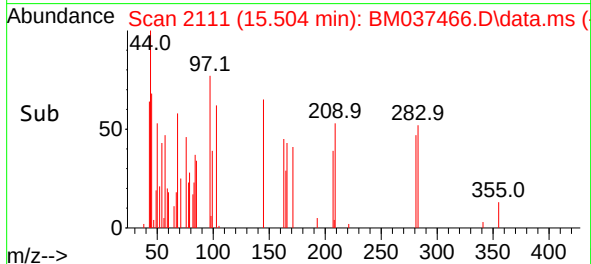
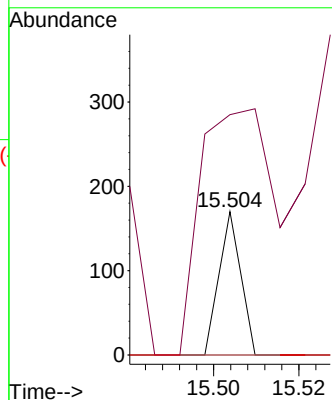
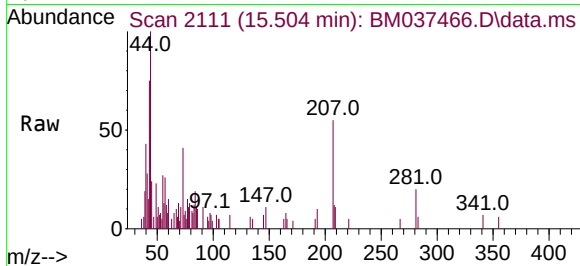




#58
 Fluorene
 Concen: 0.001 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037466.D
 Acq: 11 Nov 2022 14:27

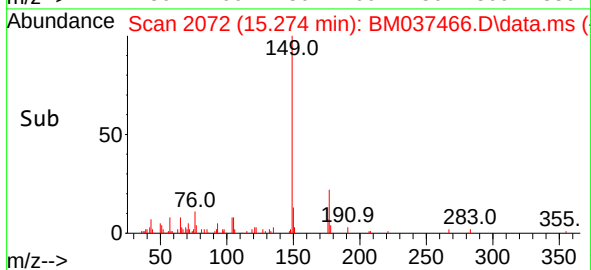
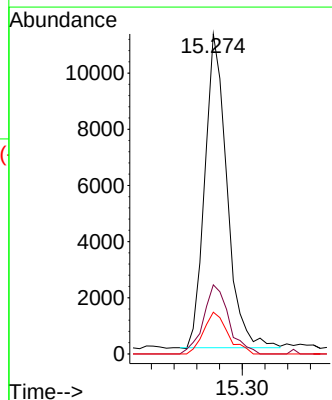
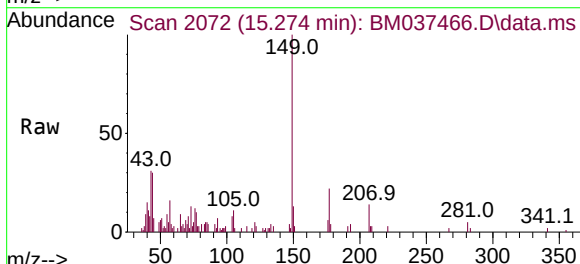
Instrument :
 BNA_M
 ClientSampleId :
 SB-12

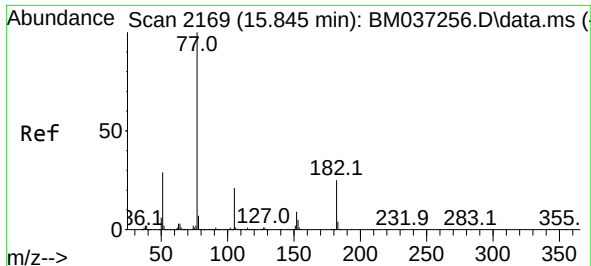
Tgt Ion:166 Resp: 60
 Ion Ratio Lower Upper
 166 100
 165 167.6 78.2 117.4#
 167 0.0 10.6 15.8#



#60
 Diethylphthalate
 Concen: 0.310 ng
 RT: 15.274 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: BM037466.D
 Acq: 11 Nov 2022 14:27

Tgt Ion:149 Resp: 15137
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.4 26.0
 150 13.0 10.0 15.0

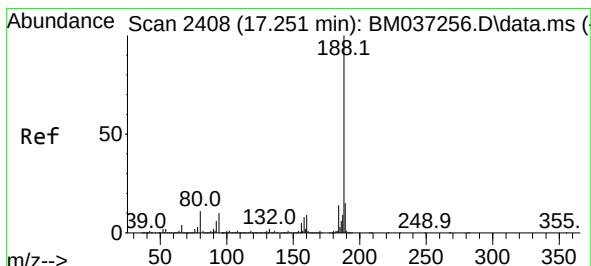
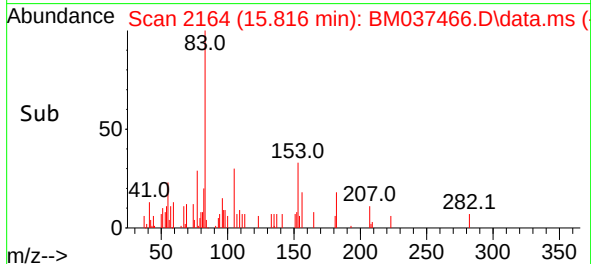
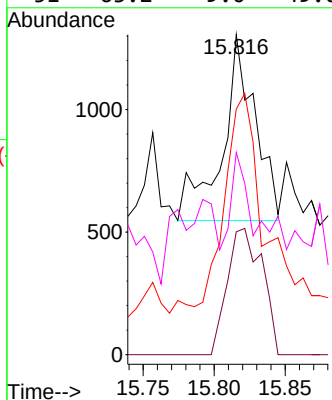
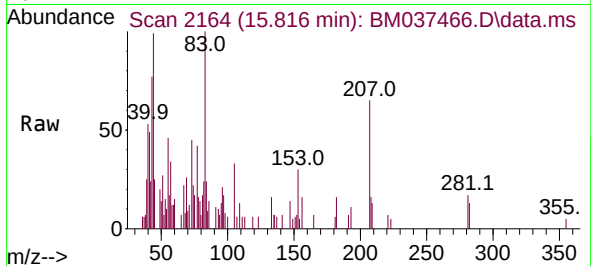




#63
Azobenzene
Concen: 0.025 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.024 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

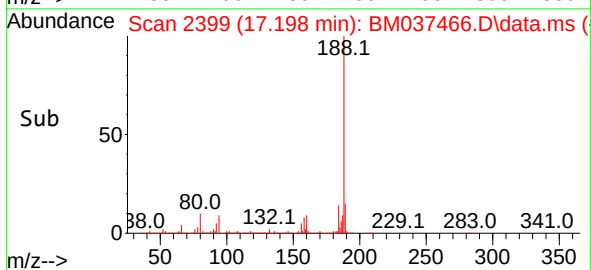
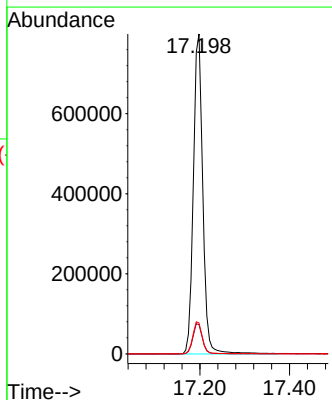
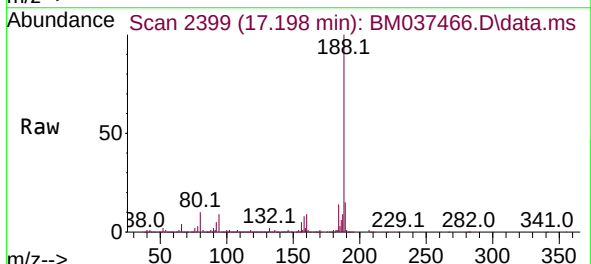
Instrument :
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ClientSampleId :
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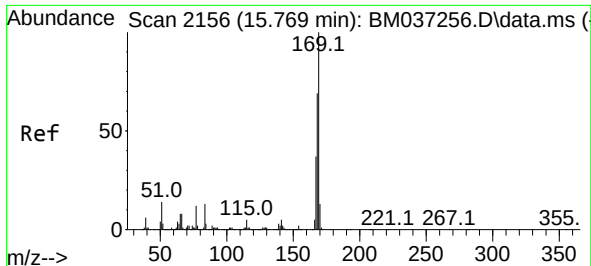
Tgt Ion: 77 Resp: 1225
Ion Ratio Lower Upper
77 100
182 38.4 5.1 45.1
105 76.7 0.5 40.5#
51 63.2 9.0 49.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:188 Resp: 1164286
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.7 8.5 12.7

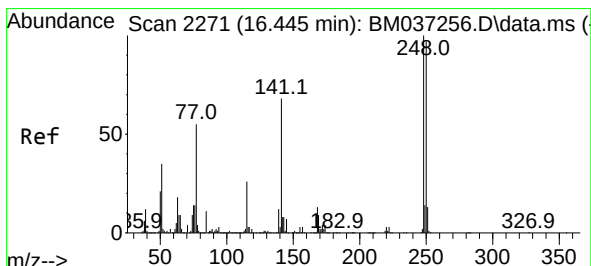
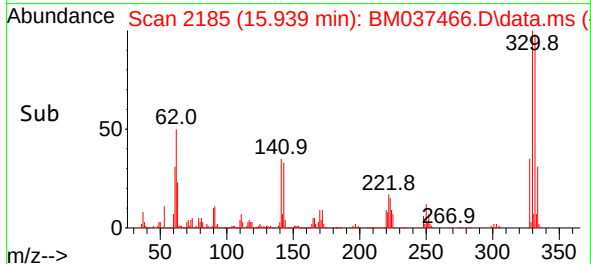
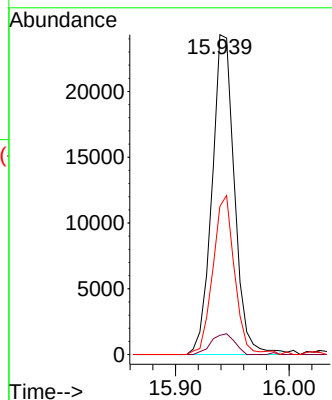
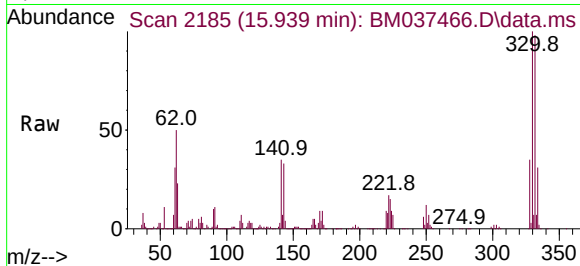




#66
 n-Nitrosodiphenylamine
 Concen: 0.848 ng
 RT: 15.939 min Scan# 2119
 Delta R.T. 0.224 min
 Lab File: BM037466.D
 Acq: 11 Nov 2022 14:27

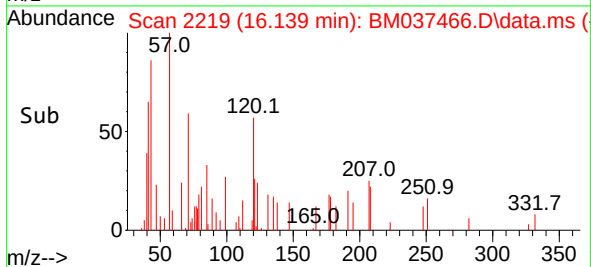
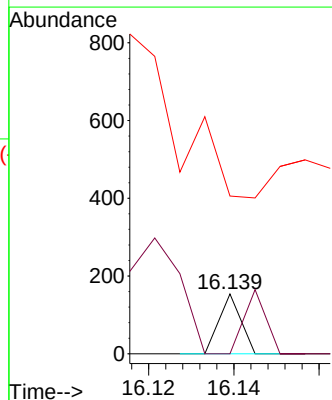
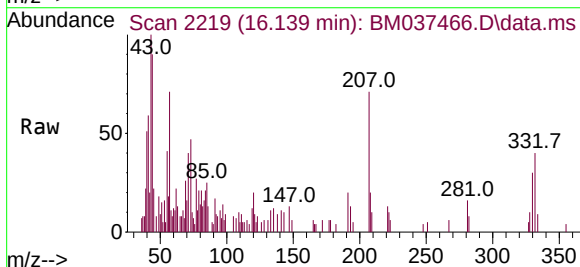
Instrument :
 BNA_M
 ClientSampleId :
 SB-12

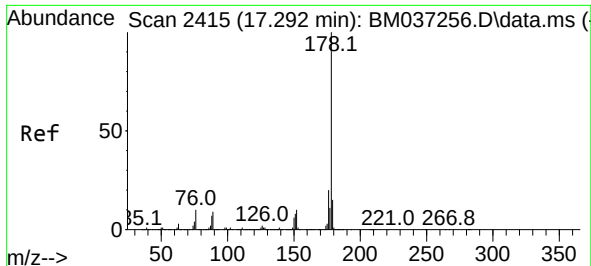
Tgt Ion:169 Resp: 33389
 Ion Ratio Lower Upper
 169 100
 168 6.0 54.8 82.2#
 167 46.3 29.5 44.3#



#67
 4-Bromophenyl-phenylether
 Concen: 0.004 ng
 RT: 16.139 min Scan# 2219
 Delta R.T. -0.253 min
 Lab File: BM037466.D
 Acq: 11 Nov 2022 14:27

Tgt Ion:248 Resp: 54
 Ion Ratio Lower Upper
 248 100
 250 0.0 77.8 116.6#
 141 263.6 54.2 81.2#

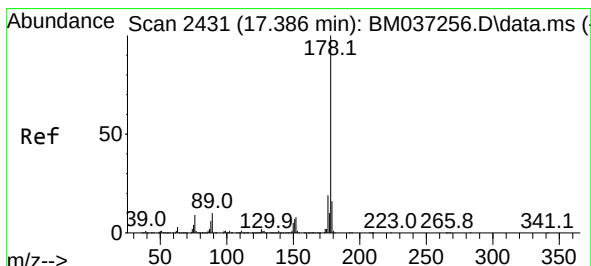
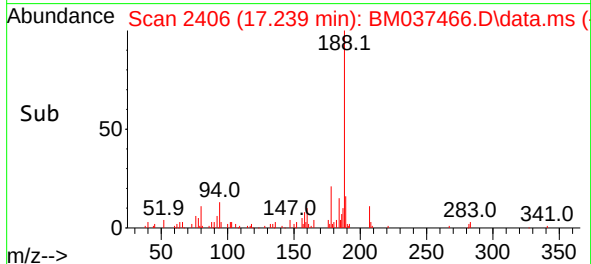
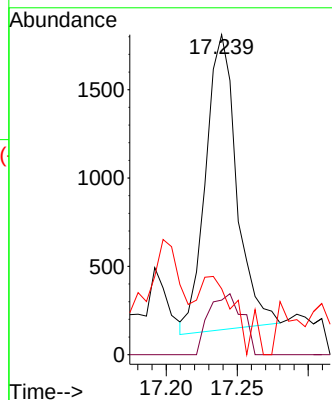
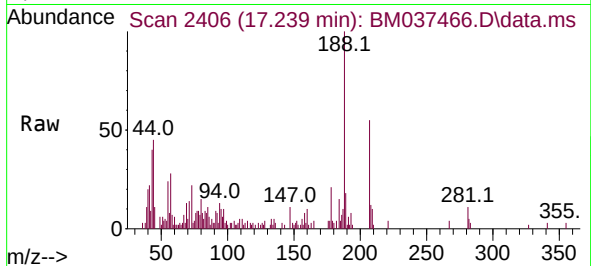




#71
Phenanthrene
Concen: 0.035 ng
RT: 17.239 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

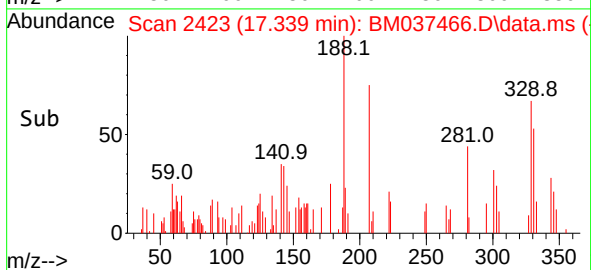
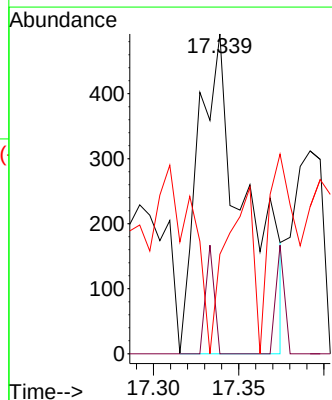
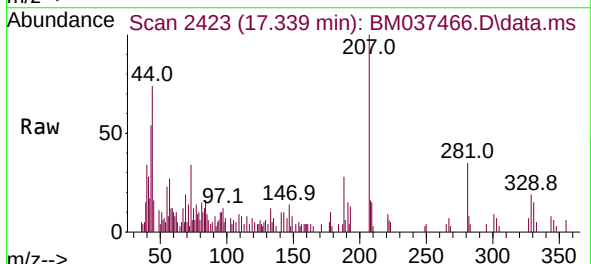
Instrument :
BNA_M
ClientSampleId :
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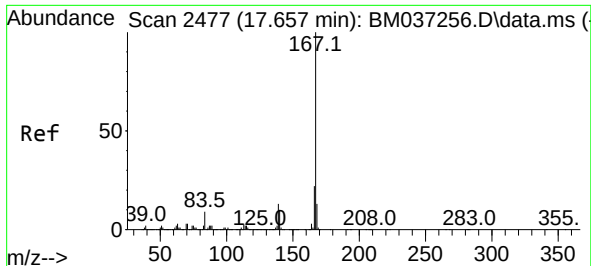
Tgt Ion:178 Resp: 2536
Ion Ratio Lower Upper
178 100
176 17.1 15.6 23.4
179 20.6 12.4 18.6#



#72
Anthracene
Concen: 0.014 ng
RT: 17.339 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:178 Resp: 950
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 31.1 12.6 19.0#

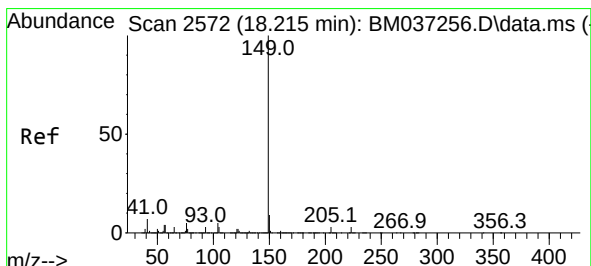
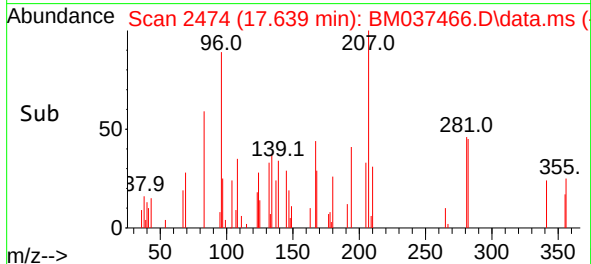
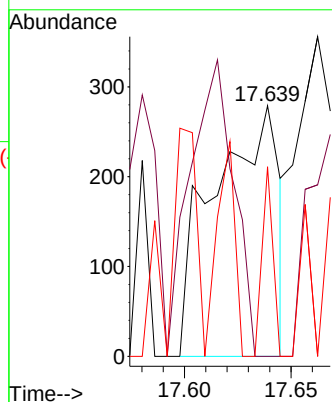
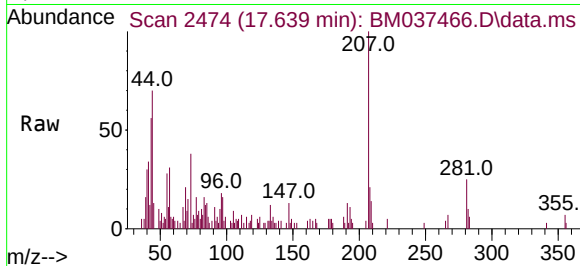




#73
 Carbazole
 Concen: 0.009 ng
 RT: 17.639 min Scan# 24
 Delta R.T. 0.030 min
 Lab File: BM037466.D
 Acq: 11 Nov 2022 14:27

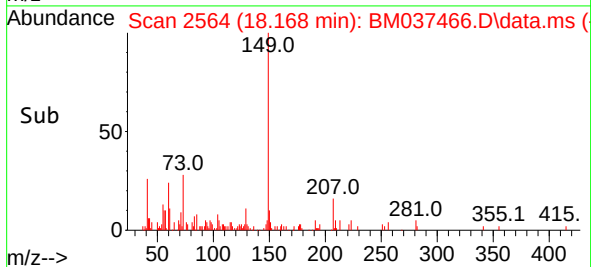
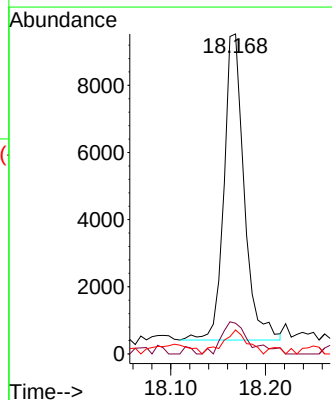
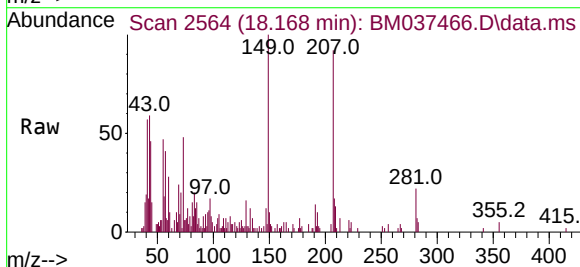
Instrument :
 BNA_M
 ClientSampleId :
 SB-12

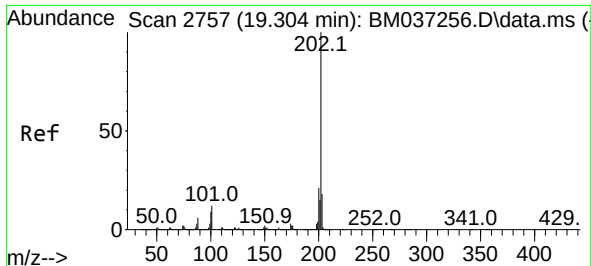
Tgt Ion:167 Resp: 592
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.4 26.2#
 139 75.6 10.4 15.6#



#74
 Di-n-butylphthalate
 Concen: 0.195 ng
 RT: 18.168 min Scan# 2564
 Delta R.T. 0.000 min
 Lab File: BM037466.D
 Acq: 11 Nov 2022 14:27

Tgt Ion:149 Resp: 13502
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 7.5 4.0 6.0#

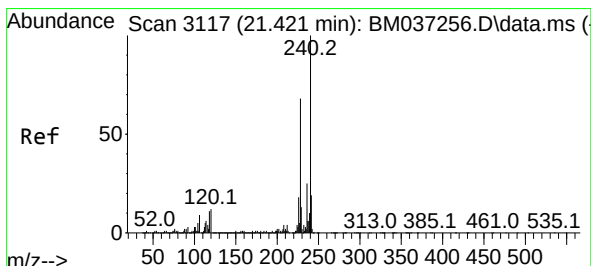
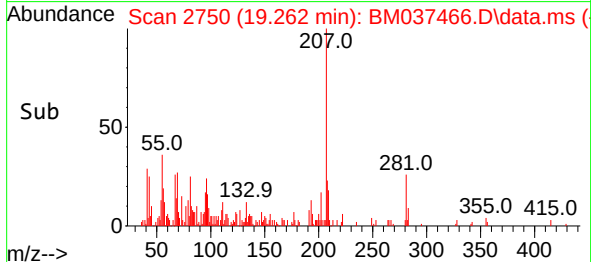
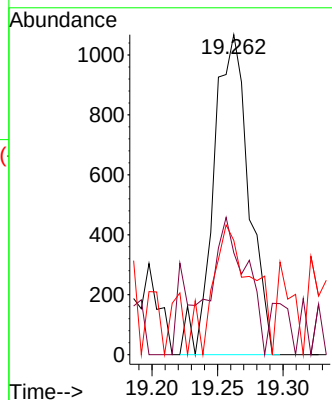
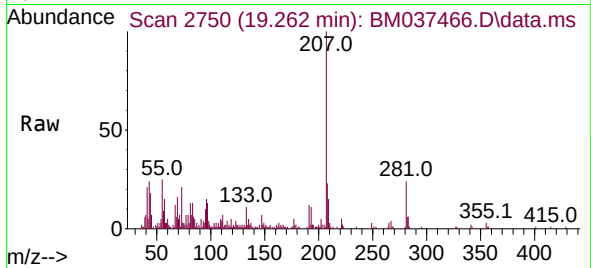




#75
Fluoranthene
Concen: 0.026 ng
RT: 19.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

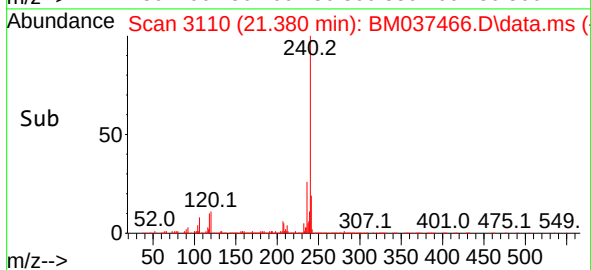
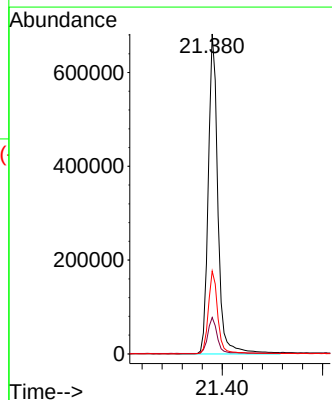
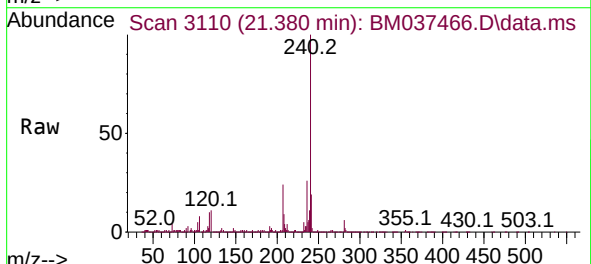
Instrument :
BNA_M
ClientSampleId :
SB-12

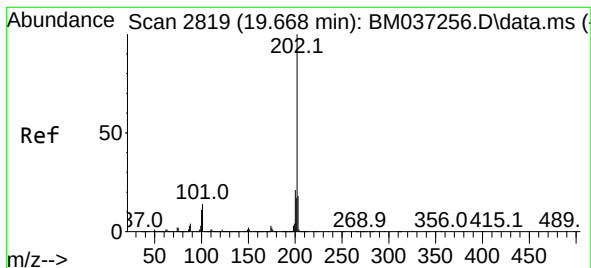
Tgt Ion:202 Resp: 1987
Ion Ratio Lower Upper
202 100
101 31.8 0.0 32.4
203 35.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:240 Resp: 909887
Ion Ratio Lower Upper
240 100
120 11.4 9.9 14.9
236 25.9 20.3 30.5





#78

Pyrene

Concen: 0.026 ng

RT: 19.615 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BM037466.D

Acq: 11 Nov 2022 14:27

Instrument :

BNA_M

ClientSampleId :

SB-12

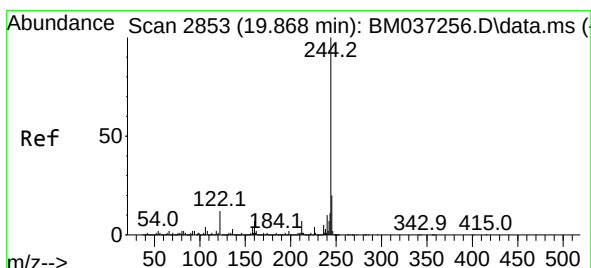
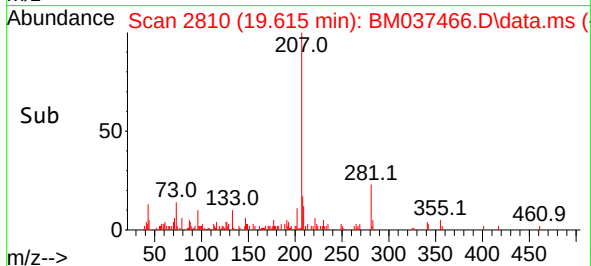
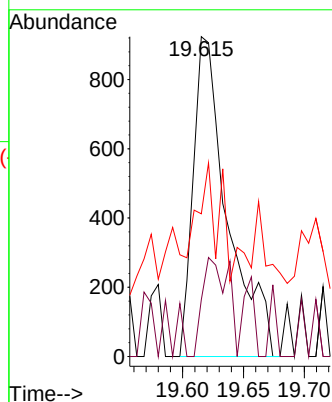
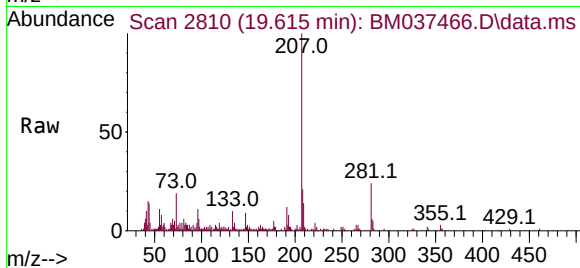
Tgt Ion:202 Resp: 1809

Ion Ratio Lower Upper

202 100

200 17.7 17.0 25.6

203 44.6 14.1 21.1#



#79

Terphenyl-d14

Concen: 98.833 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037466.D

Acq: 11 Nov 2022 14:27

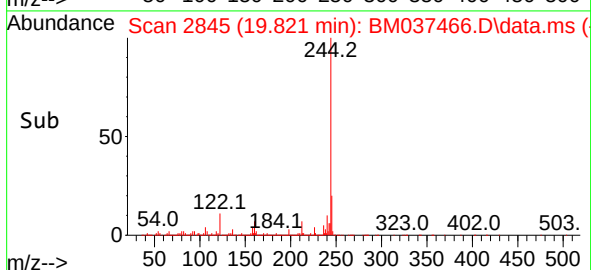
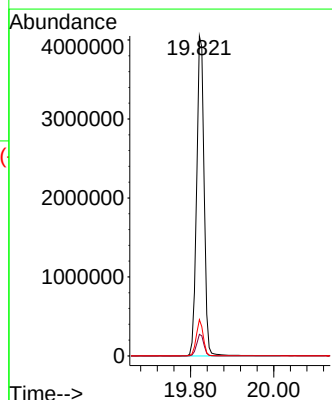
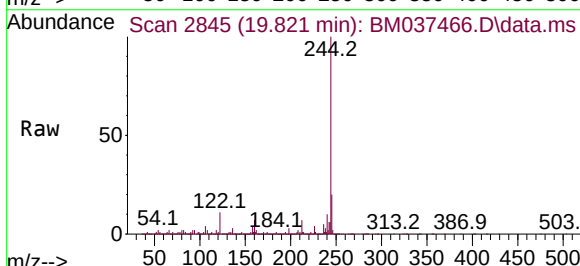
Tgt Ion:244 Resp: 5014697

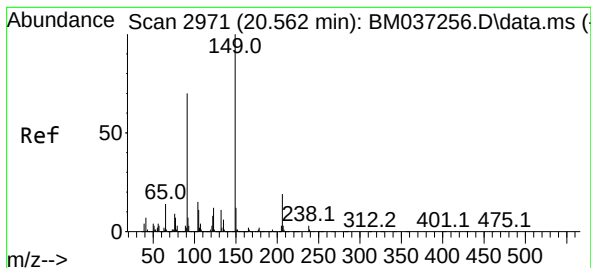
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.3 9.4 14.2





#80

Butylbenzylphthalate

Concen: 0.019 ng

RT: 20.462 min Scan# 29

Delta R.T. -0.059 min

Lab File: BM037466.D

Acq: 11 Nov 2022 14:27

Instrument :

BNA_M

ClientSampleId :

SB-12

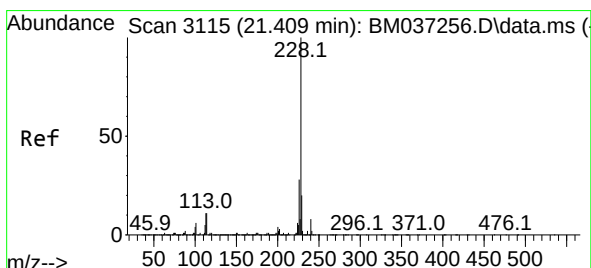
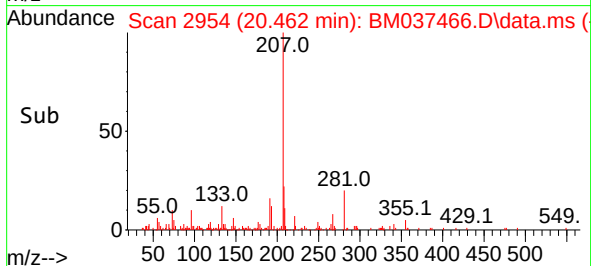
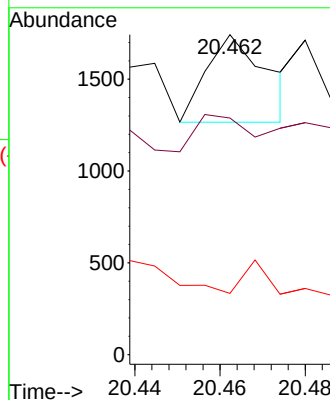
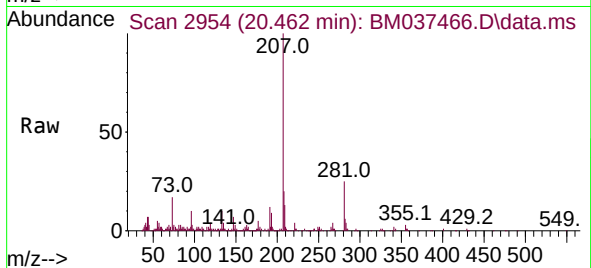
Tgt Ion:149 Resp: 469

Ion Ratio Lower Upper

149 100

91 74.0 56.2 84.4

206 19.2 15.4 23.0



#81

Benzo(a)anthracene

Concen: 0.047 ng

RT: 21.380 min Scan# 3110

Delta R.T. 0.012 min

Lab File: BM037466.D

Acq: 11 Nov 2022 14:27

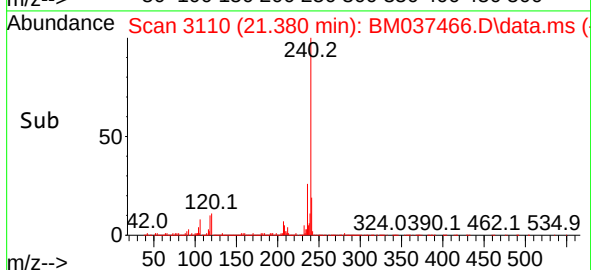
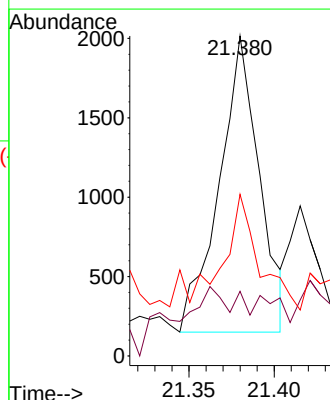
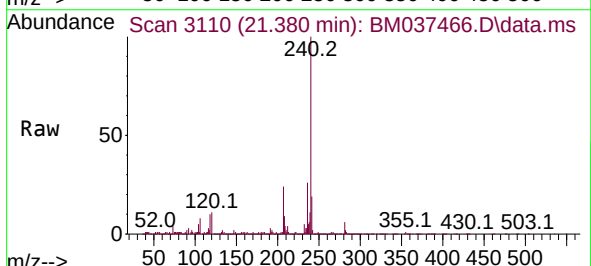
Tgt Ion:228 Resp: 3059

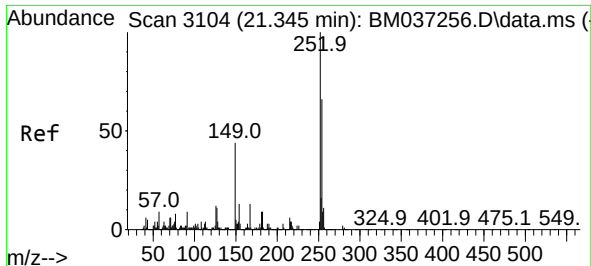
Ion Ratio Lower Upper

228 100

226 20.2 22.3 33.5#

229 50.5 16.2 24.2#

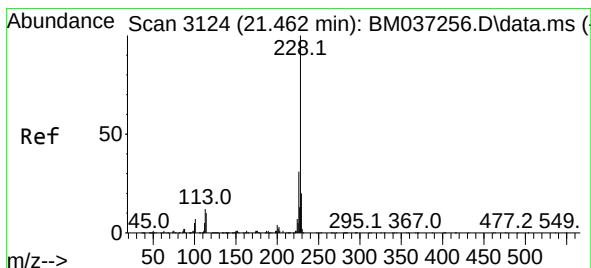
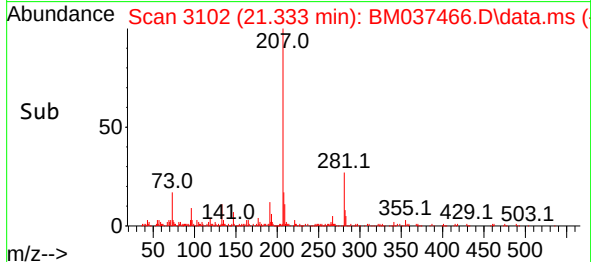
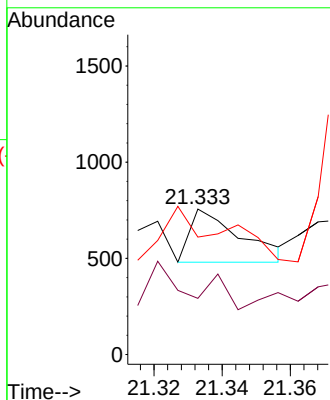
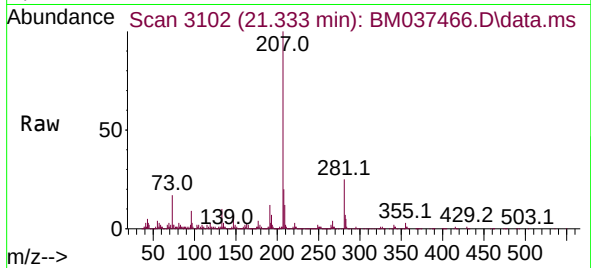




#82
 3,3'-Dichlorobenzidine
 Concen: 0.015 ng
 RT: 21.333 min Scan# 3110
 Delta R.T. 0.024 min
 Lab File: BM037466.D
 Acq: 11 Nov 2022 14:27

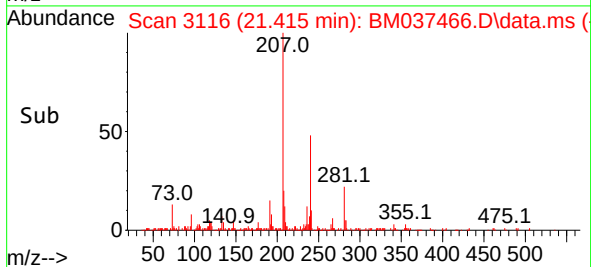
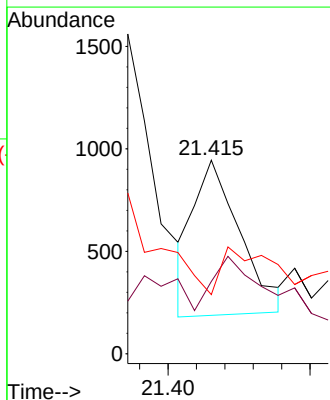
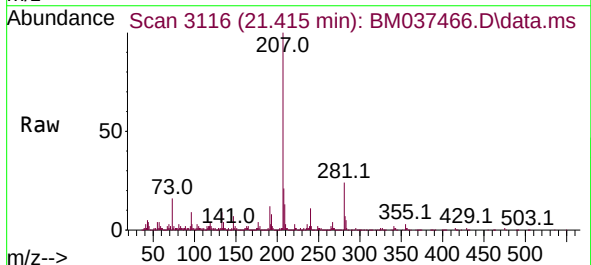
Instrument :
 BNA_M
 ClientSampleId :
 SB-12

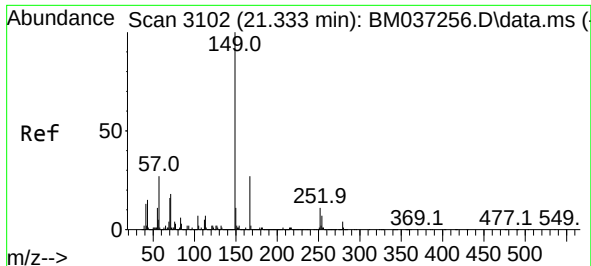
Tgt Ion:252 Resp: 285
 Ion Ratio Lower Upper
 252 100
 254 38.6 52.7 79.1#
 126 80.8 9.8 14.6#



#83
 Chrysene
 Concen: 0.014 ng
 RT: 21.415 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BM037466.D
 Acq: 11 Nov 2022 14:27

Tgt Ion:228 Resp: 866
 Ion Ratio Lower Upper
 228 100
 226 37.4 24.4 36.6#
 229 30.6 16.0 24.0#

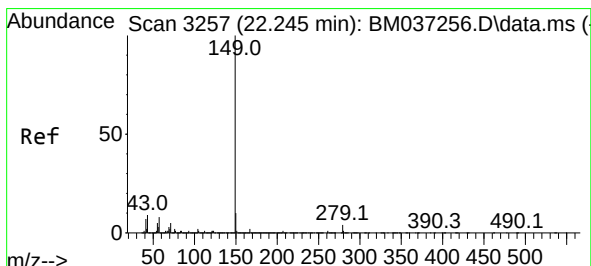
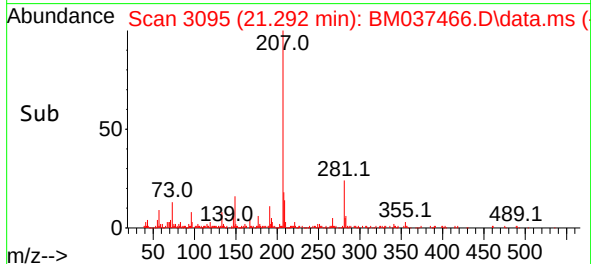
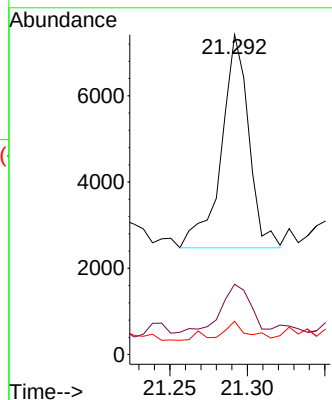
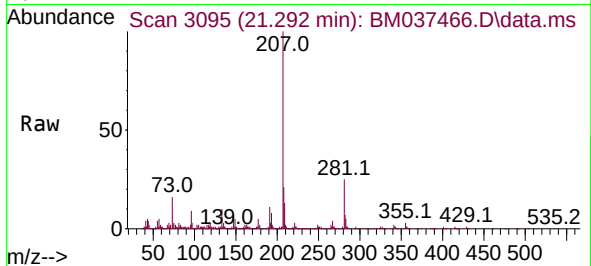




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.182 ng
RT: 21.292 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

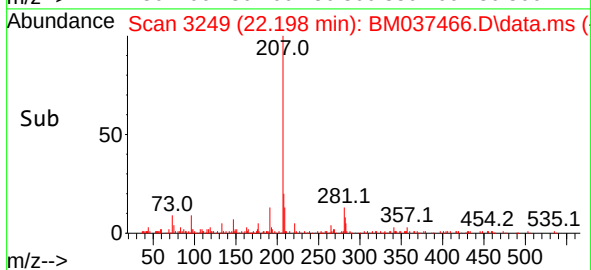
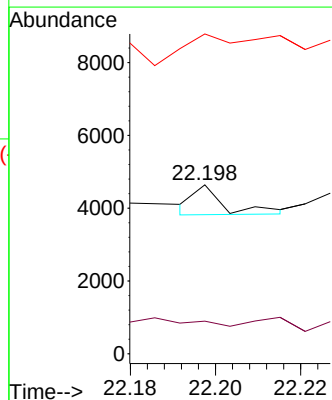
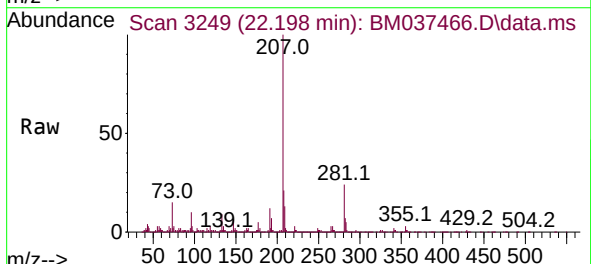
Instrument :
BNA_M
ClientSampleId :
SB-12

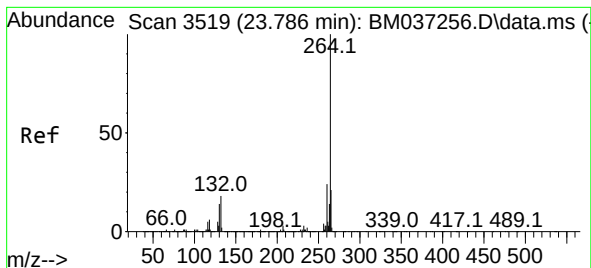
Tgt Ion:149 Resp: 6096
Ion Ratio Lower Upper
149 100
167 22.0 21.2 31.8
279 10.4 3.1 4.7#



#85
Di-n-octyl phthalate
Concen: 0.008 ng
RT: 22.198 min Scan# 3249
Delta R.T. 0.000 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:149 Resp: 420
Ion Ratio Lower Upper
149 100
167 96.9 1.3 1.9#
43 392.9 8.0 12.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM037466.D

Acq: 11 Nov 2022 14:27

Instrument :

BNA_M

ClientSampleId :

SB-12

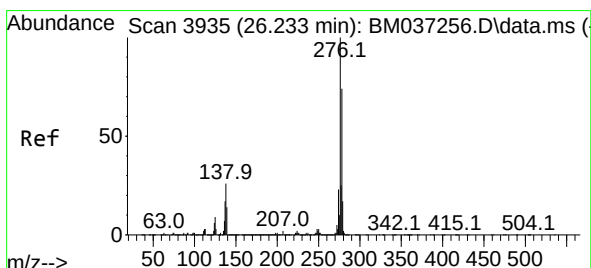
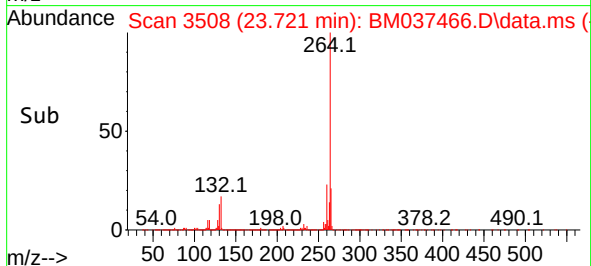
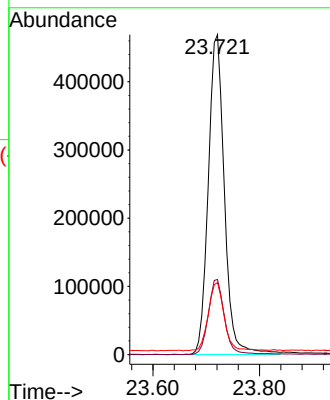
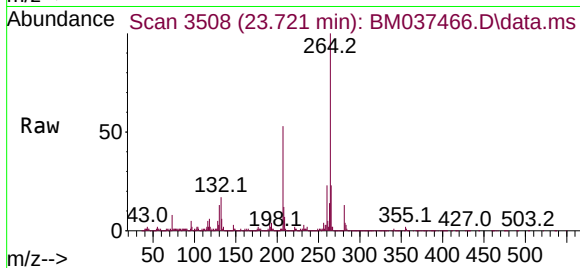
Tgt Ion:264 Resp: 984985

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.5 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.005 ng

RT: 26.156 min Scan# 3922

Delta R.T. 0.012 min

Lab File: BM037466.D

Acq: 11 Nov 2022 14:27

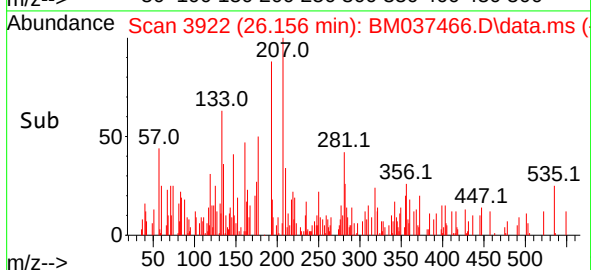
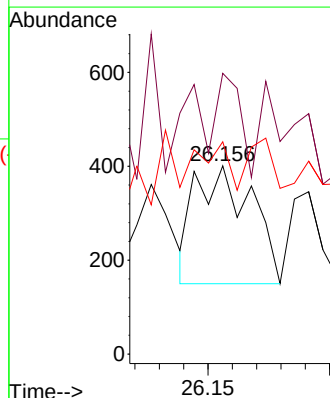
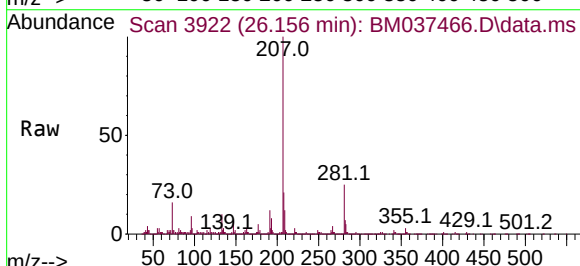
Tgt Ion:276 Resp: 402

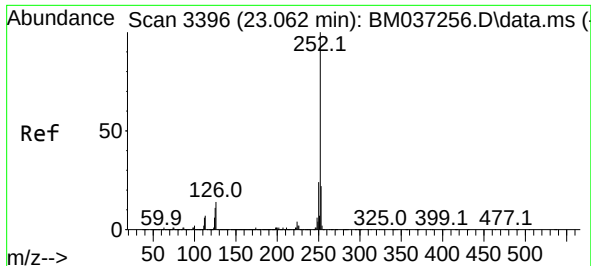
Ion Ratio Lower Upper

276 100

138 29.9 21.5 32.3

277 0.0 20.1 30.1#

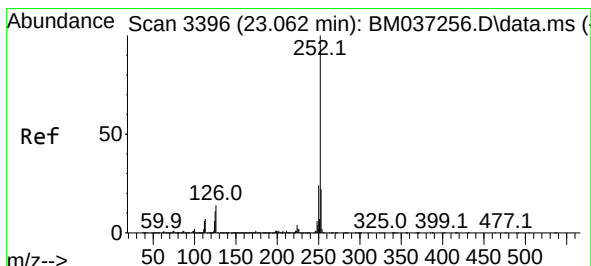
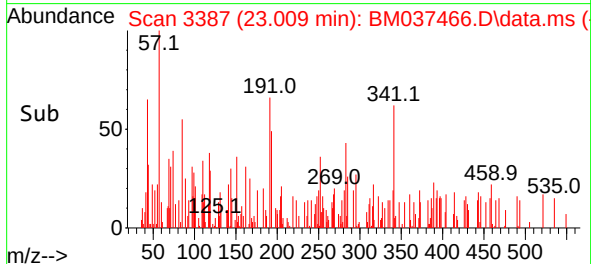
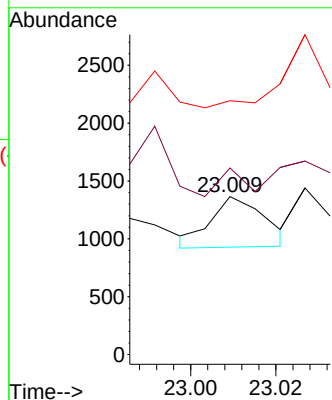
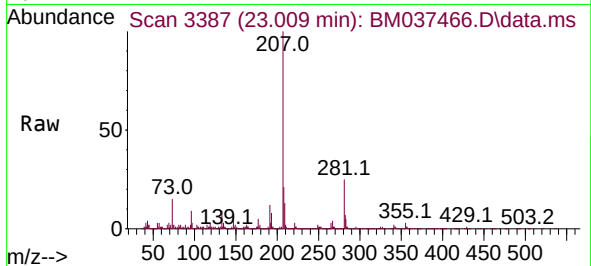




#88
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 23.009 min Scan# 3387
Delta R.T. -0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

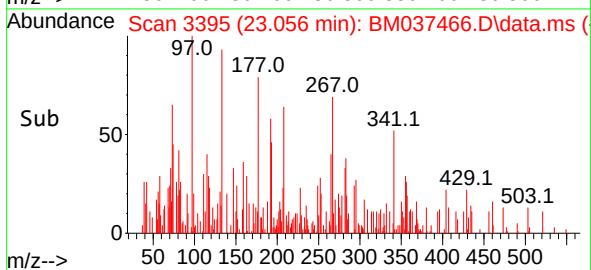
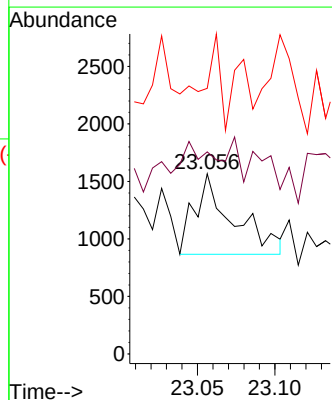
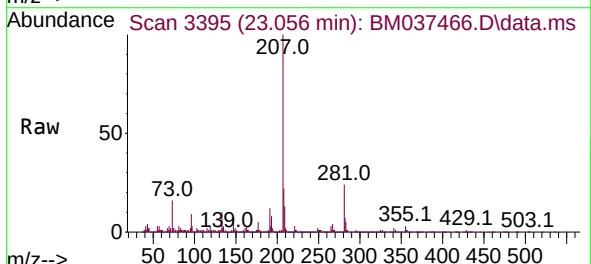
Instrument :
BNA_M
ClientSampleId :
SB-12

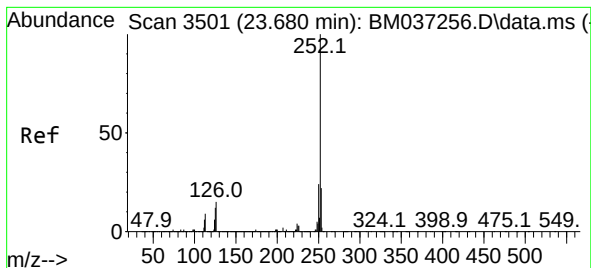
Tgt Ion:252 Resp: 381
Ion Ratio Lower Upper
252 100
253 118.2 17.8 26.6#
125 160.7 9.1 13.7#



#89
Benzo(k)fluoranthene
Concen: 0.017 ng
RT: 23.056 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BM037466.D
Acq: 11 Nov 2022 14:27

Tgt Ion:252 Resp: 1207
Ion Ratio Lower Upper
252 100
253 112.1 17.8 26.6#
125 147.4 9.1 13.7#





#90

Benzo(a)pyrene

Concen: 0.007 ng

RT: 23.621 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM037466.D

Acq: 11 Nov 2022 14:27

Instrument :

BNA_M

ClientSampleId :

SB-12

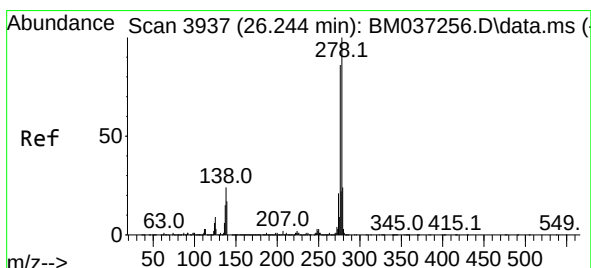
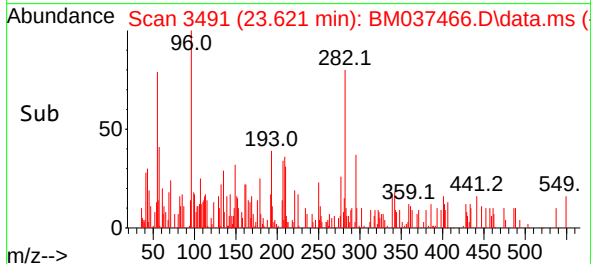
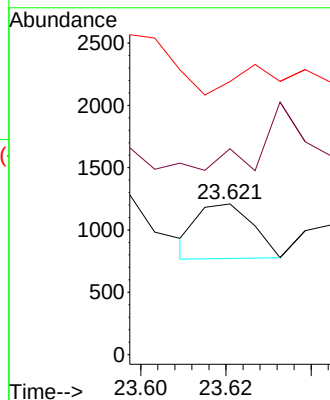
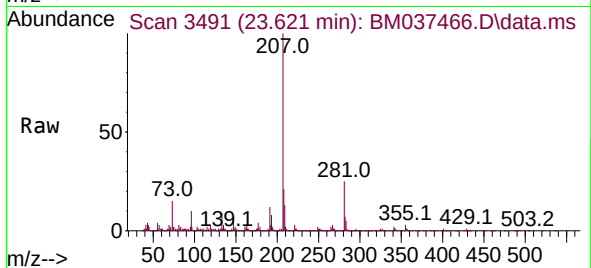
Tgt Ion:252 Resp: 393

Ion Ratio Lower Upper

252 100

253 136.6 17.4 26.2#

125 181.2 9.9 14.9#



#91

Dibenzo(a,h)anthracene

Concen: 0.007 ng

RT: 26.174 min Scan# 3925

Delta R.T. 0.012 min

Lab File: BM037466.D

Acq: 11 Nov 2022 14:27

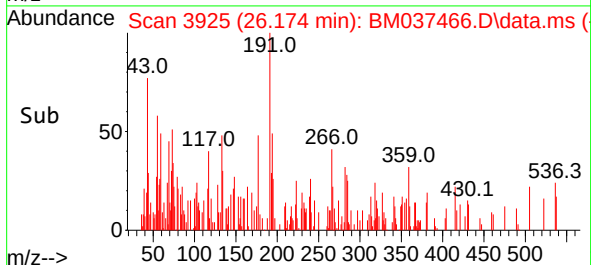
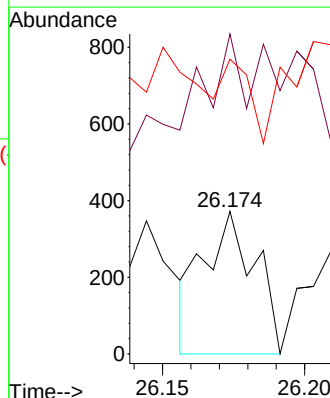
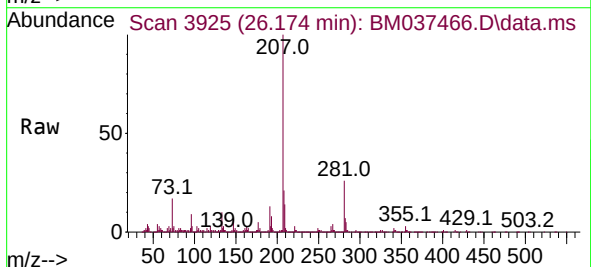
Tgt Ion:278 Resp: 468

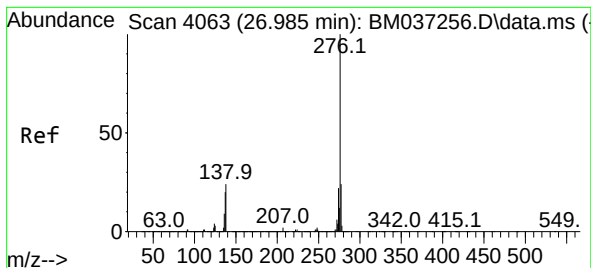
Ion Ratio Lower Upper

278 100

139 224.5 13.8 20.8#

279 206.7 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 26.862 min Scan# 40

Delta R.T. -0.023 min

Lab File: BM037466.D

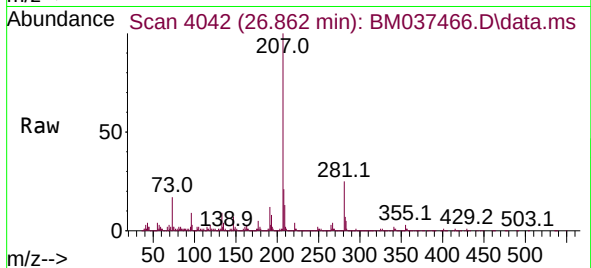
Acq: 11 Nov 2022 14:27

Instrument :

BNA_M

ClientSampleId :

SB-12



Tgt Ion:276 Resp: 263

Ion Ratio Lower Upper

276 100

277 84.2 19.4 29.2#

138 151.3 18.9 28.3#

