

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037482.D
 Acq On : 12 Nov 2022 00:19
 Operator : CG/JU
 Sample : N5530-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-09

Quant Time: Nov 12 01:31:24 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	218227	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	833364	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	460026	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	843991	20.000	ng	0.00
76) Chrysene-d12	21.380	240	769550	20.000	ng	0.00
86) Perylene-d12	23.715	264	827653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1798255	142.363	ng	0.00
7) Phenol-d6	6.987	99	2206286	128.694	ng	0.00
23) Nitrobenzene-d5	8.975	82	1355278	82.050	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	792687	146.218	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2929760	84.620	ng	0.00
79) Terphenyl-d14	19.821	244	4094113	95.405	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	392	0.076	ng	# 1
3) Pyridine	3.663	79	194	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.622	42	215	0.032	ng	# 1
6) Aniline	7.140	93	124	0.006	ng	# 1
8) 2-Chlorophenol	7.392	128	264	0.017	ng	# 48
9) Benzaldehyde	6.987	77	4743	0.547	ng	# 7
10) Phenol	7.010	94	16080	0.837	ng	# 44
11) bis(2-Chloroethyl)ether	7.234	93	56	0.004	ng	# 19
15) Benzyl Alcohol	8.034	79	170	0.014	ng	# 27
16) 2,2'-oxybis(1-Chloropr...	8.357	45	430	0.020	ng	# 1
17) 2-Methylphenol	8.328	107	55	0.004	ng	# 1
18) Hexachloroethane	8.875	117	53	0.009	ng	# 3
19) n-Nitroso-di-n-propyla...	8.645	70	212	0.091	ng	# 1
20) 3+4-Methylphenols	8.675	107	54	0.003	ng	# 1
22) Acetophenone	8.651	105	2245	0.104	ng	# 36
24) Nitrobenzene	8.975	77	4279	0.256	ng	# 36
25) Isophorone	9.534	82	472	0.017	ng	# 65
28) bis(2-Chloroethoxy)met...	10.051	93	63	0.004	ng	# 22
31) Naphthalene	10.645	128	448	0.009	ng	# 69
46) 1,1'-Biphenyl	13.069	154	6077	0.164	ng	# 1
48) 2-Nitroaniline	13.516	65	123	0.014	ng	# 4
49) Acenaphthylene	14.174	152	581	0.013	ng	# 61
50) Dimethylphthalate	13.927	163	2294	0.065	ng	# 77
51) 2,6-Dinitrotoluene	13.974	165	775	0.104	ng	# 22
52) Acenaphthene	14.445	154	1459	0.051	ng	# 4
55) Dibenzofuran	14.863	168	267	0.006	ng	# 46
57) 2,4-Dinitrotoluene	14.845	165	59	0.006	ng	# 22
58) Fluorene	15.498	166	132	0.004	ng	# 9
60) Diethylphthalate	15.274	149	11233	0.329	ng	# 95
63) Azobenzene	15.757	77	191	0.006	ng	# 54
66) n-Nitrosodiphenylamine	15.939	169	23535	0.825	ng	# 40
71) Phenanthrene	17.239	178	3613	0.069	ng	# 93
72) Anthracene	17.333	178	1813	0.037	ng	# 95
73) Carbazole	17.627	167	936	0.021	ng	# 59
74) Di-n-butylphthalate	18.168	149	11597	0.231	ng	# 98
75) Fluoranthene	19.256	202	5897	0.107	ng	# 76

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

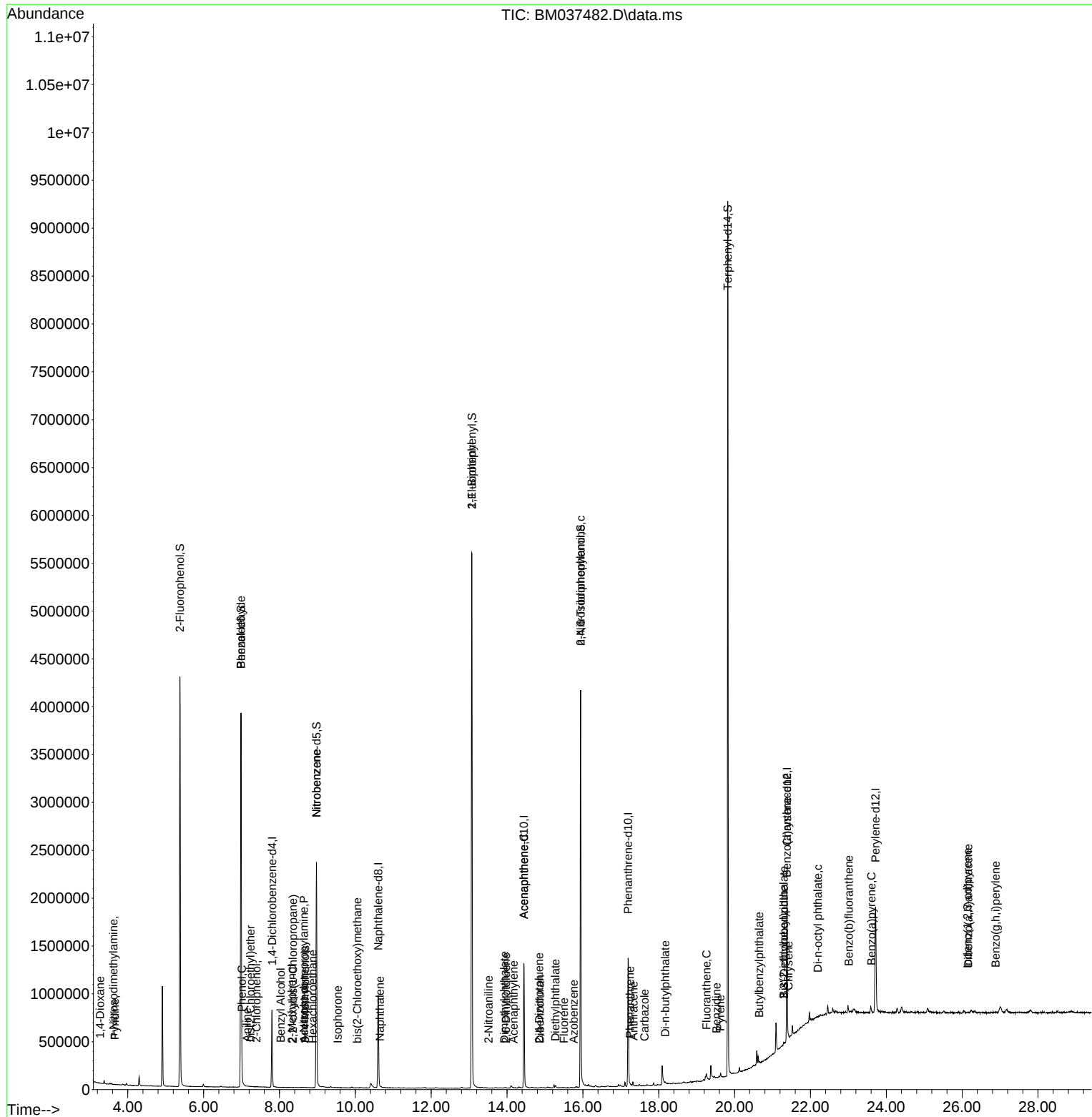
77) Benzidine	19.521	184	63	0.005	ng	# 68
78) Pyrene	19.621	202	5682	0.096	ng	# 91
80) Butylbenzylphthalate	20.650	149	328	0.016	ng	91
81) Benzo(a)anthracene	21.374	228	6351	0.116	ng	96
82) 3,3'-Dichlorobenzidine	21.297	252	352	0.022	ng	# 66
83) Chrysene	21.421	228	5092	0.096	ng	93
84) Bis(2-ethylhexyl)phtha...	21.292	149	5384	0.190	ng	# 90
85) Di-n-octyl phthalate	22.192	149	1693	0.038	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.144	276	9067	0.134	ng	# 78
88) Benzo(b)fluoranthene	23.009	252	6521	0.113	ng	# 1
90) Benzo(a)pyrene	23.609	252	4721	0.101	ng	# 1
91) Dibenzo(a,h)anthracene	26.162	278	5563	0.099	ng	# 51
92) Benzo(g,h,i)perylene	26.879	276	9312	0.170	ng	# 89

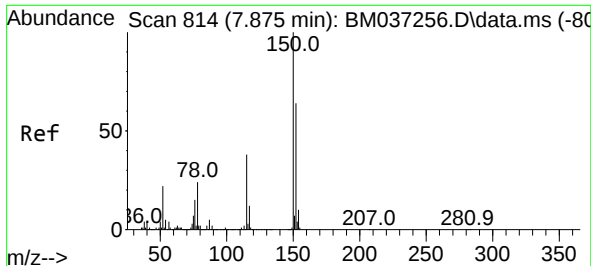
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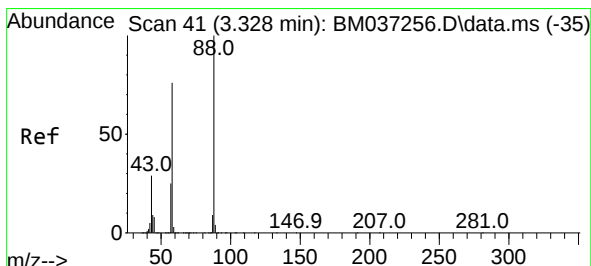
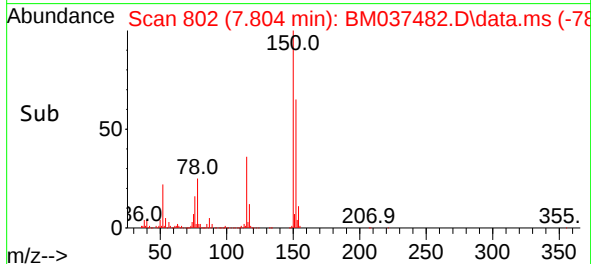
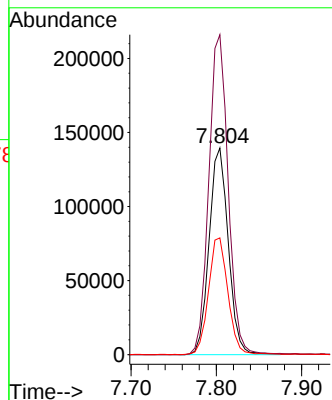
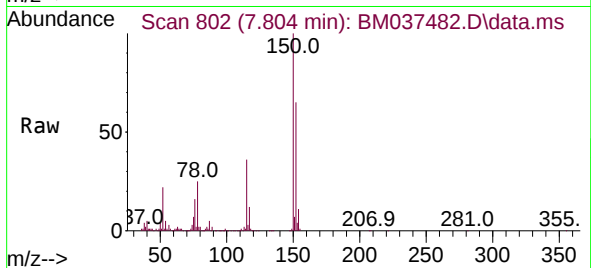




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

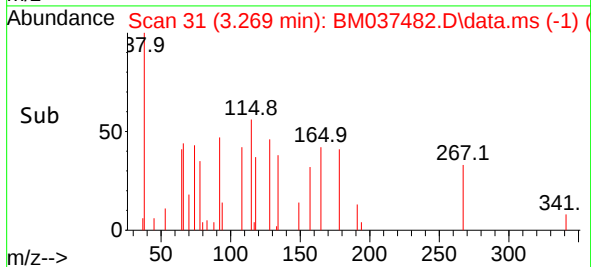
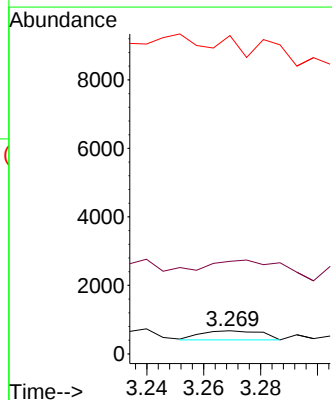
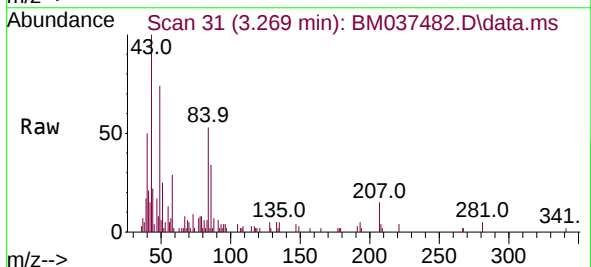
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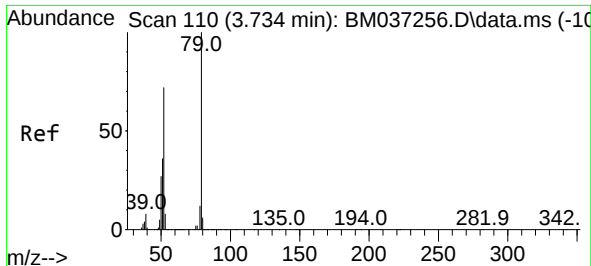
Tgt Ion:152 Resp: 218227
Ion Ratio Lower Upper
152 100
150 154.8 124.8 187.2
115 56.5 47.0 70.4



#2
1,4-Dioxane
Concen: 0.076 ng
RT: 3.269 min Scan# 31
Delta R.T. 0.018 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 88 Resp: 392
Ion Ratio Lower Upper
88 100
58 263.8 63.5 95.3#
43 0.0 24.2 36.4#

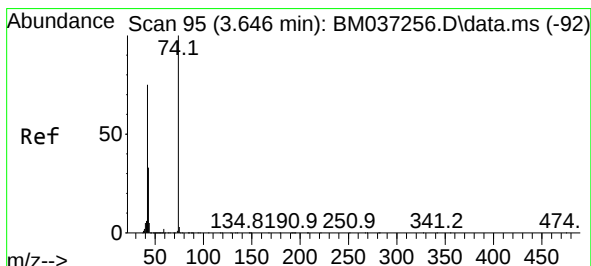
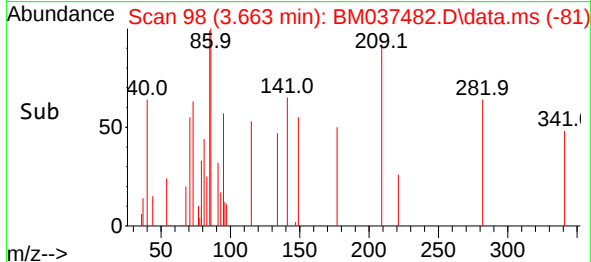
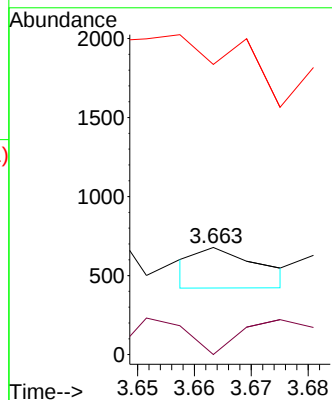
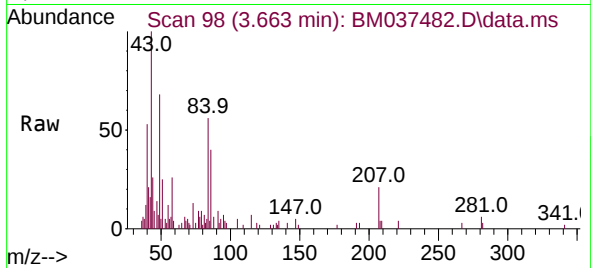




#3
Pyridine
Concen: 0.013 ng
RT: 3.663 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

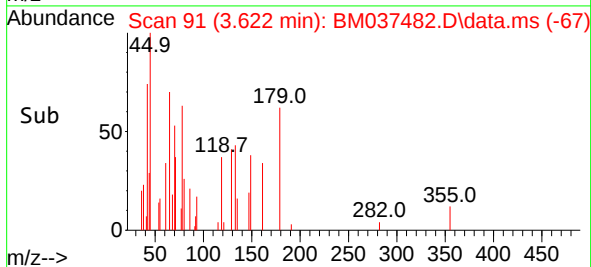
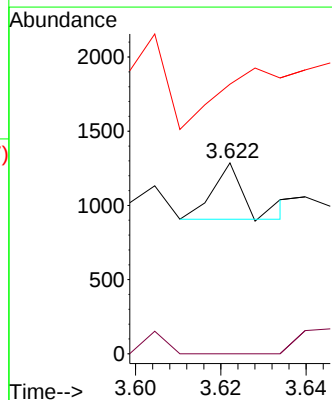
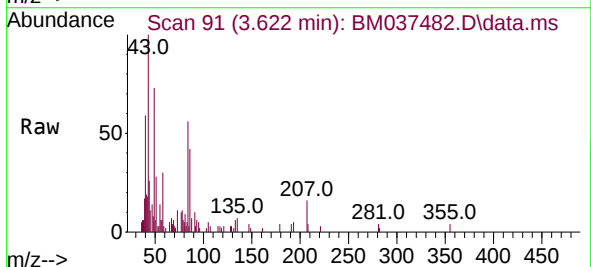
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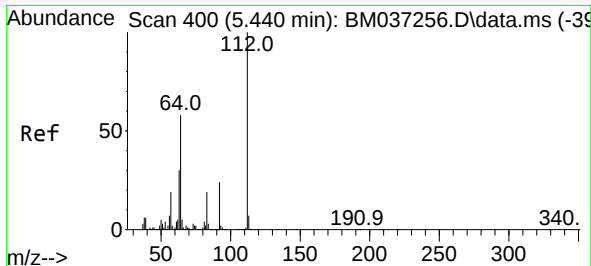
Tgt Ion: 79 Resp: 194
Ion Ratio Lower Upper
79 100
52 0.0 57.8 86.6#
51 270.8 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.041 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 42 Resp: 215
Ion Ratio Lower Upper
42 100
74 0.0 106.2 159.2#
44 141.2 5.4 8.0#

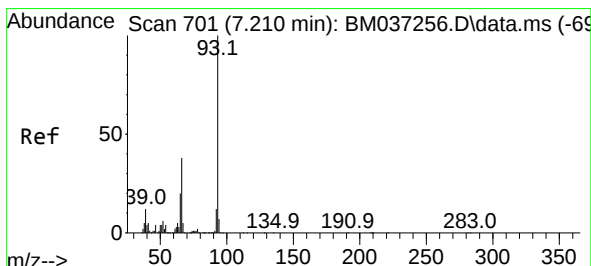
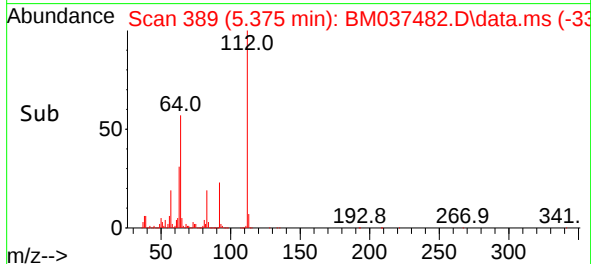
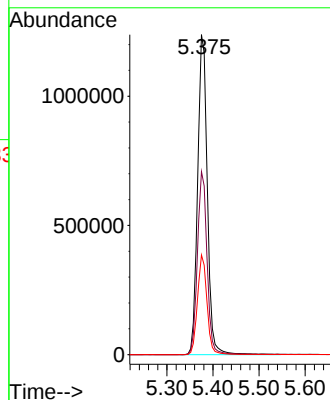
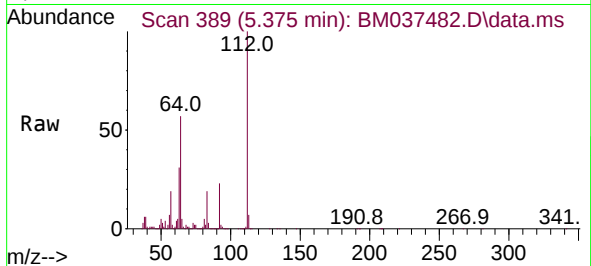




#5
2-Fluorophenol
Concen: 142.363 ng
RT: 5.375 min Scan# 389
Delta R.T. 0.000 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

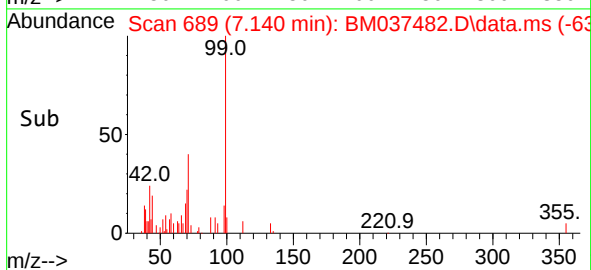
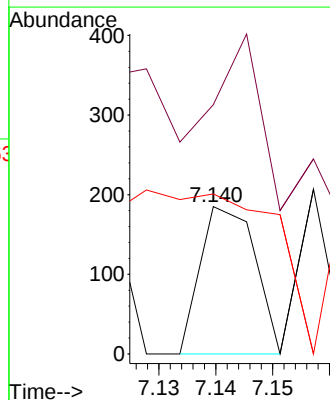
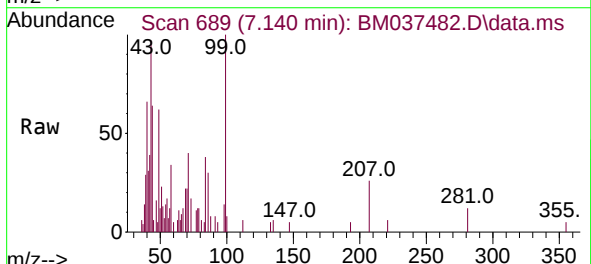
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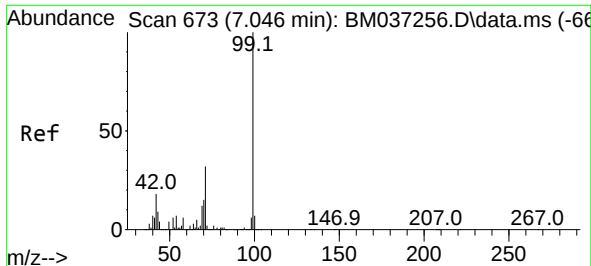
Tgt Ion:112 Resp: 1798255
Ion Ratio Lower Upper
112 100
64 57.2 46.8 70.2
63 31.1 24.4 36.6



#6
Aniline
Concen: 0.006 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 93 Resp: 124
Ion Ratio Lower Upper
93 100
66 169.2 30.4 45.6#
65 108.6 16.2 24.2#

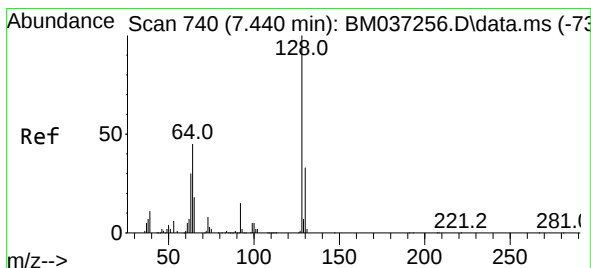
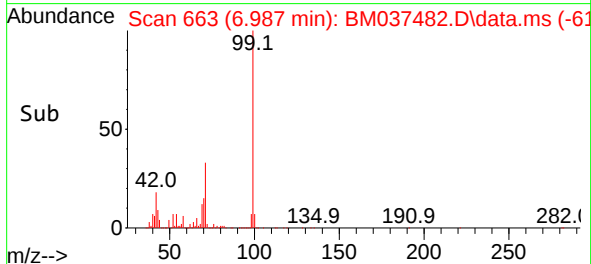
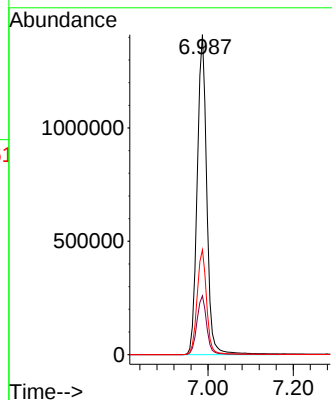
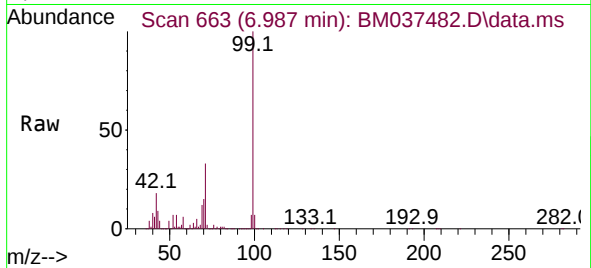




#7
Phenol-d6
Concen: 128.694 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

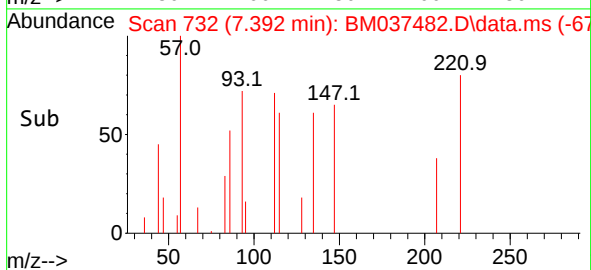
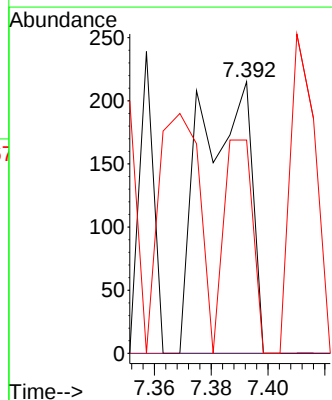
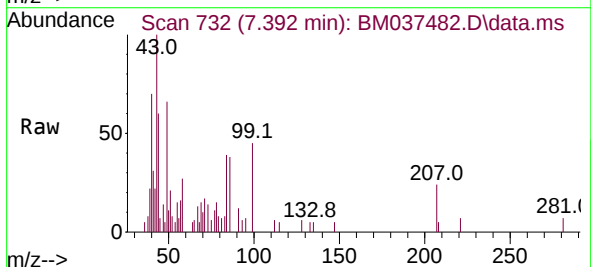
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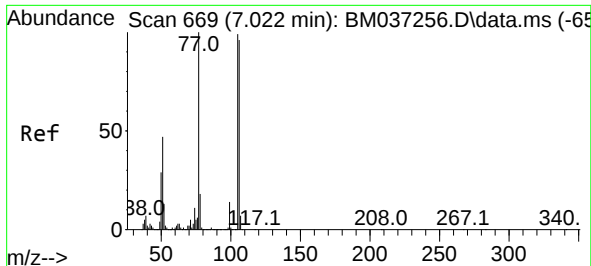
Tgt Ion: 99 Resp: 2206286
Ion Ratio Lower Upper
99 100
42 18.4 14.8 22.2
71 32.8 25.6 38.4



#8
2-Chlorophenol
Concen: 0.017 ng
RT: 7.392 min Scan# 732
Delta R.T. 0.018 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 128 Resp: 264
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 78.6 26.4 66.4#

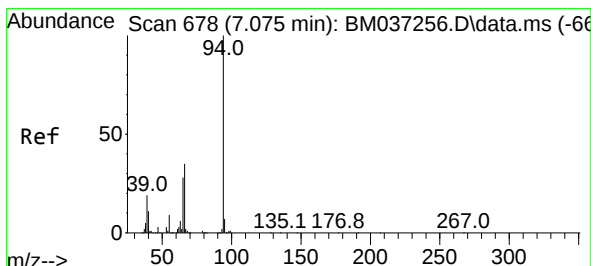
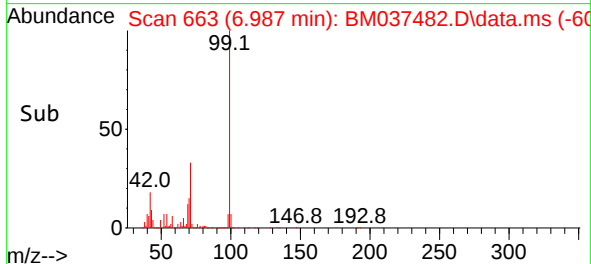
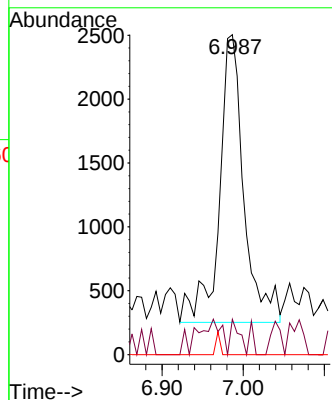
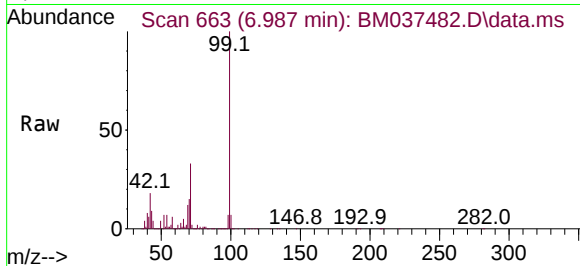




#9
Benzaldehyde
Concen: 0.547 ng
RT: 6.987 min Scan# 669
Delta R.T. 0.029 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

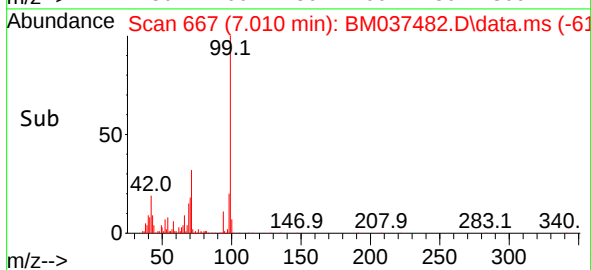
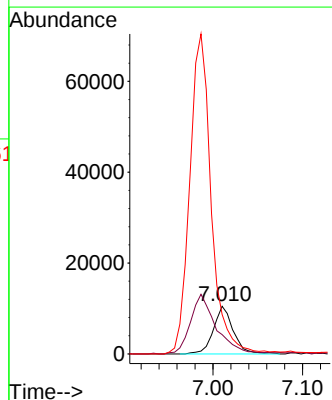
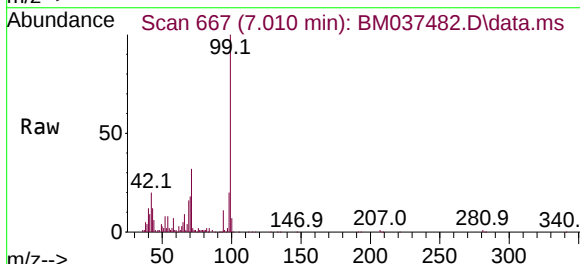
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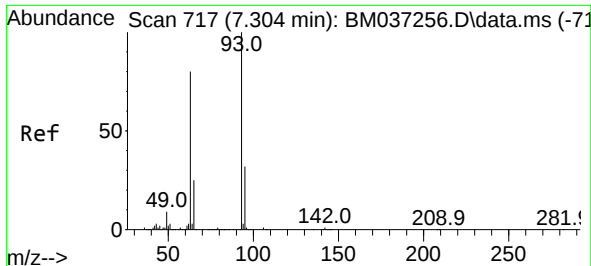
Tgt Ion: 77 Resp: 4743
Ion Ratio Lower Upper
77 100
105 11.0 78.6 118.6#
106 0.0 75.8 115.8#



#10
Phenol
Concen: 0.837 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 94 Resp: 16080
Ion Ratio Lower Upper
94 100
65 40.5 8.1 48.1
66 83.0 15.5 55.5#

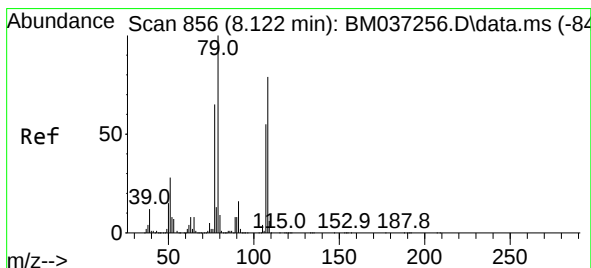
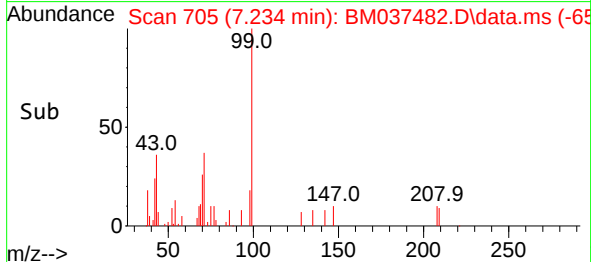
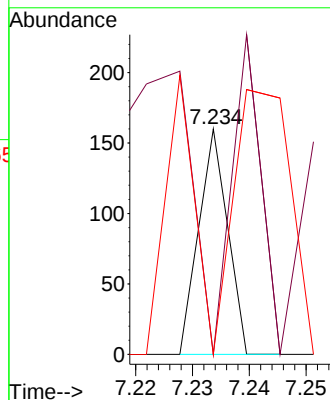
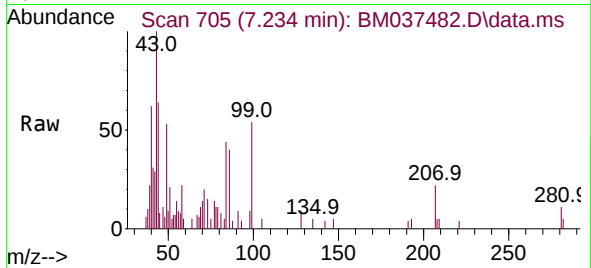




#11
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

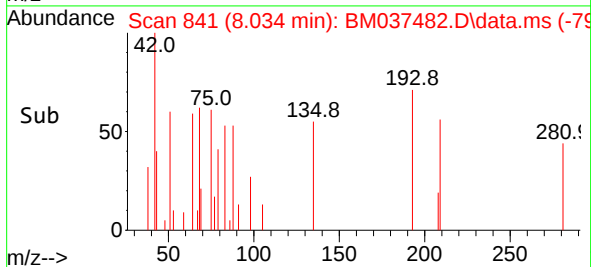
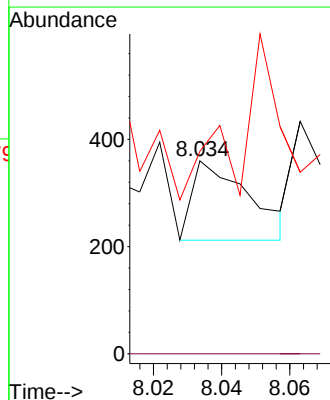
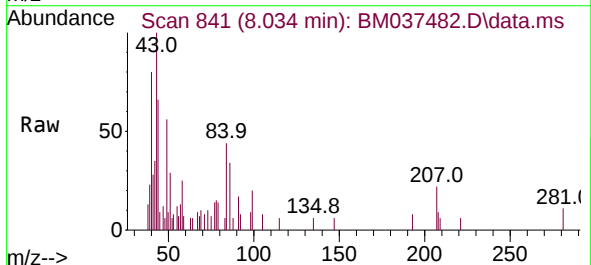
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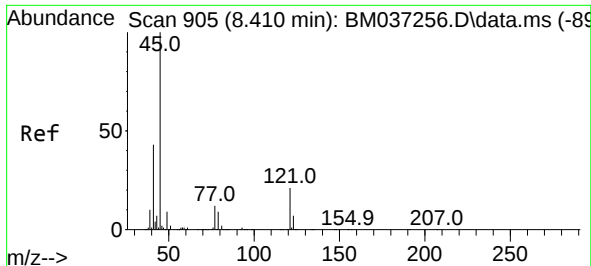
Tgt Ion: 93 Resp: 56
Ion Ratio Lower Upper
93 100
63 0.0 59.3 99.3#
95 0.0 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.014 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.029 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 79 Resp: 170
Ion Ratio Lower Upper
79 100
108 0.0 63.1 94.7#
77 105.0 51.7 77.5#

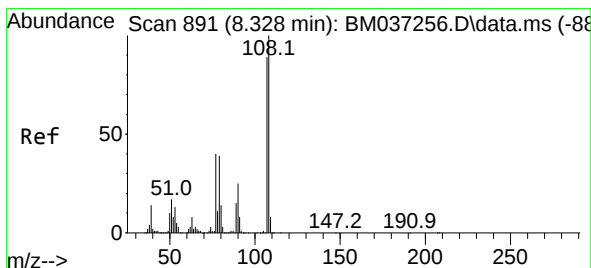
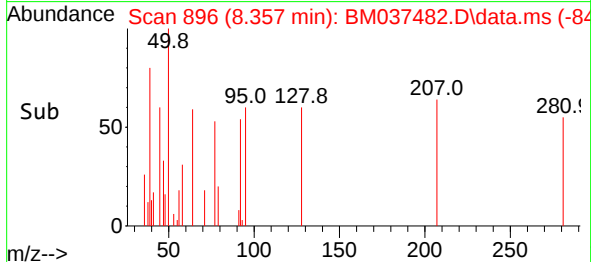
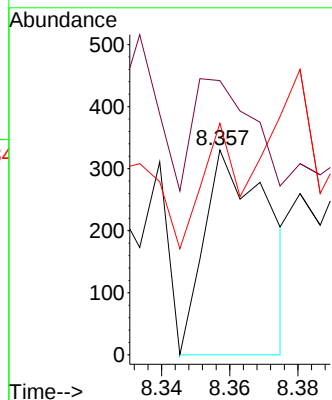
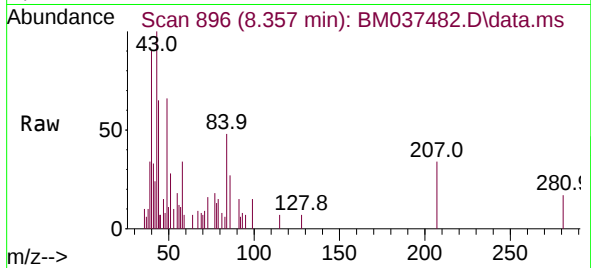




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.020 ng
RT: 8.357 min Scan# 896
Delta R.T. 0.012 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

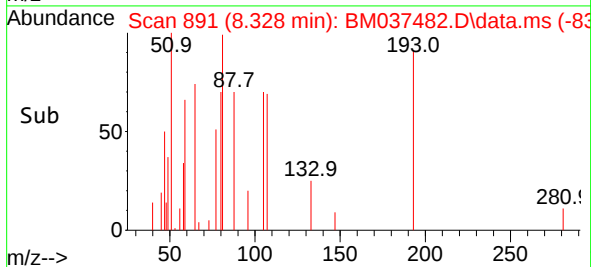
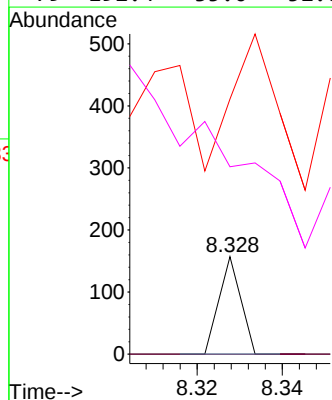
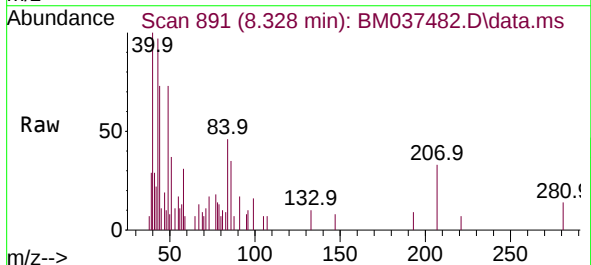
Instrument :
BNA_M
ClientSampleId :
SB-09

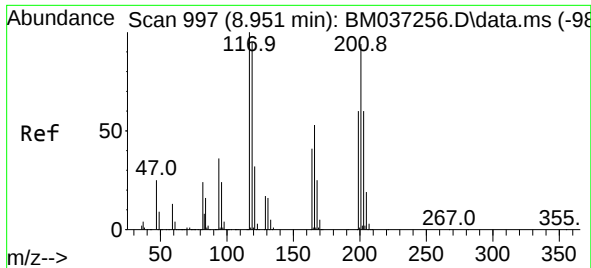
Tgt Ion: 45 Resp: 430
Ion Ratio Lower Upper
45 100
77 133.9 0.0 34.0#
79 113.0 0.0 30.6#



#17
2-Methylphenol
Concen: 0.004 ng
RT: 8.328 min Scan# 891
Delta R.T. 0.059 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 107 Resp: 55
Ion Ratio Lower Upper
107 100
108 0.0 89.5 134.3#
77 261.8 36.2 54.2#
79 192.4 35.0 52.6#

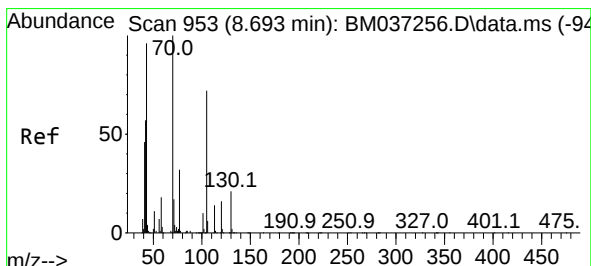
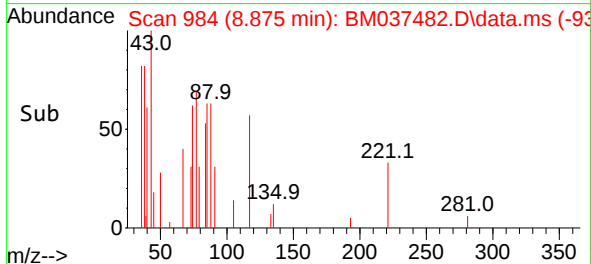
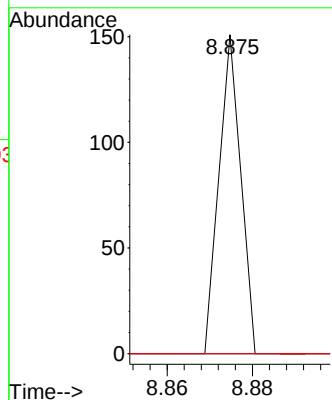
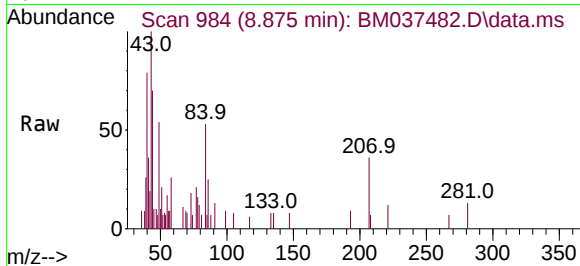




#18
Hexachloroethane
Concen: 0.009 ng
RT: 8.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

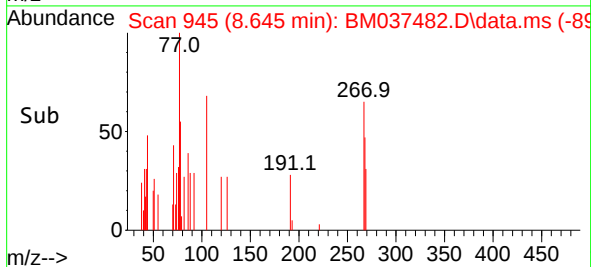
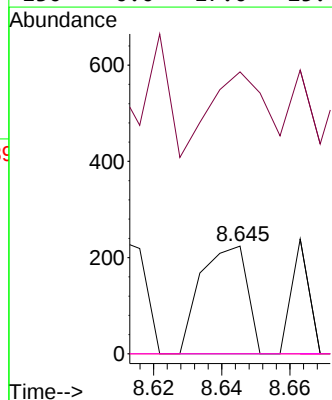
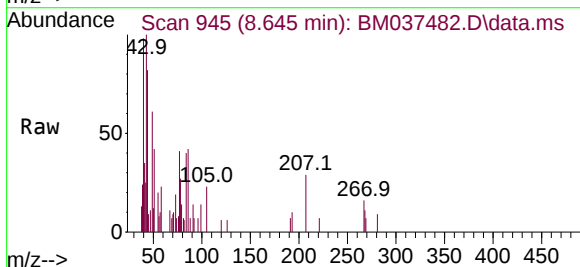
Instrument :
BNA_M
ClientSampleId :
SB-09

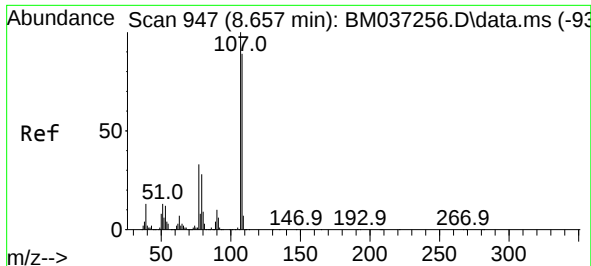
Tgt Ion:117 Resp: 53
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.091 ng
RT: 8.645 min Scan# 945
Delta R.T. 0.018 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 70 Resp: 212
Ion Ratio Lower Upper
70 100
42 261.6 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

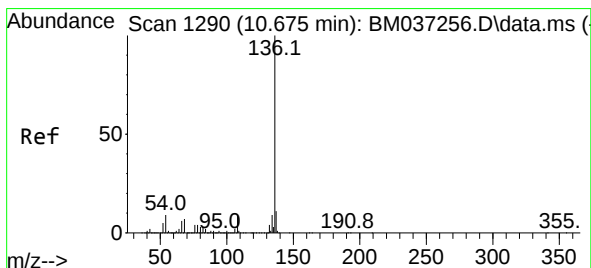
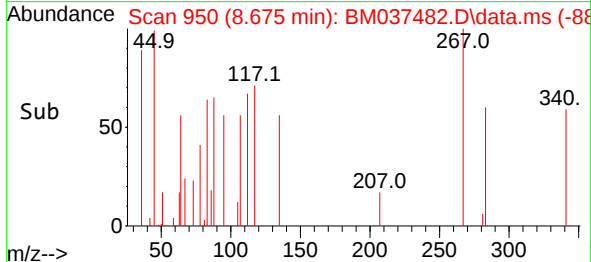
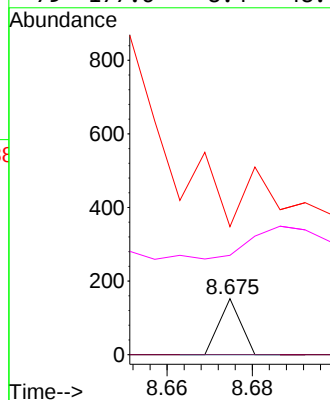
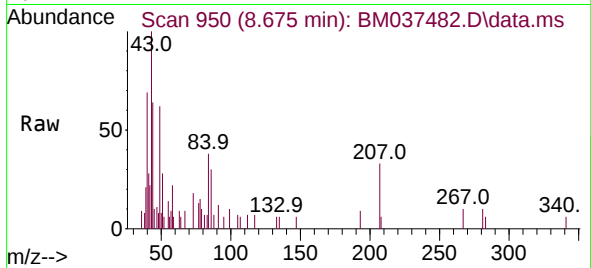




#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.675 min Scan# 91
Delta R.T. 0.077 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

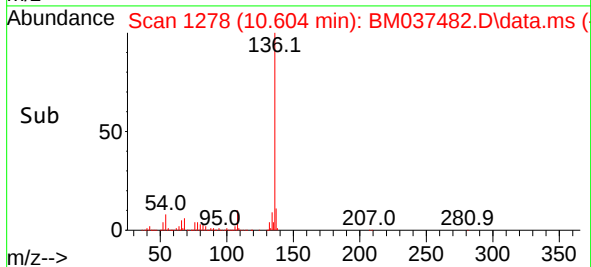
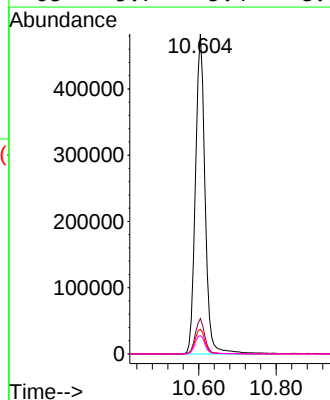
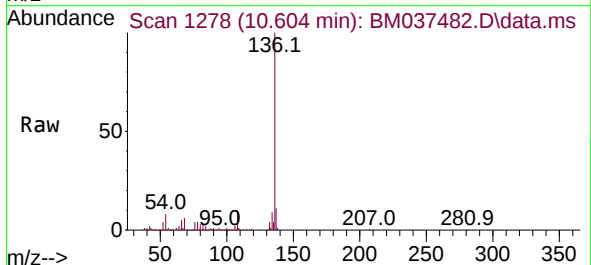
Instrument :
BNA_M
ClientSampleId :
SB-09

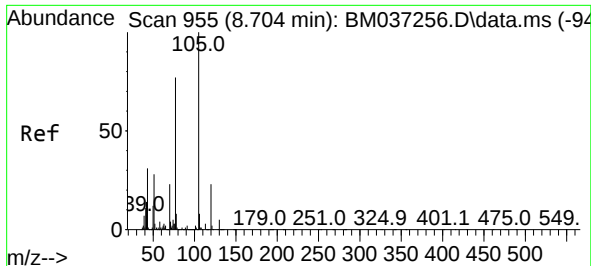
Tgt Ion:107	Resp:	54
Ion	Ratio	Lower Upper
107	100	
108	0.0	69.4 109.4#
77	228.9	12.8 52.8#
79	177.6	8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:136	Resp:	833364
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.0 13.4
54	7.7	7.0 10.4
68	5.7	5.4 8.0

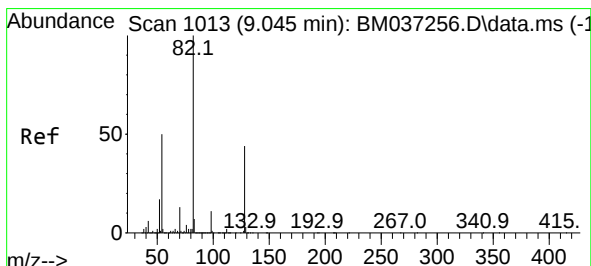
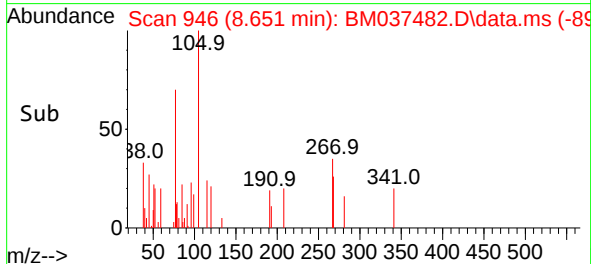
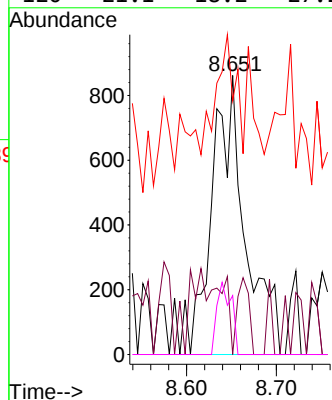
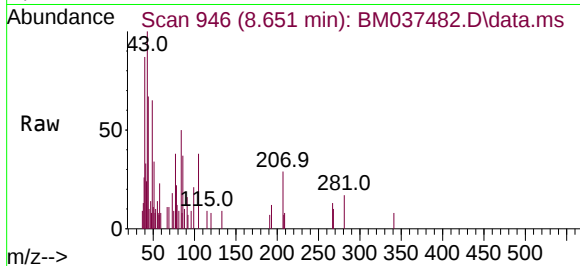




#22
Acetophenone
Concen: 0.104 ng
RT: 8.651 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

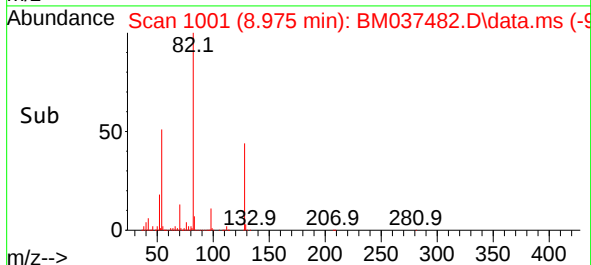
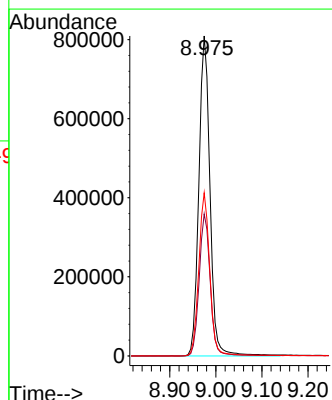
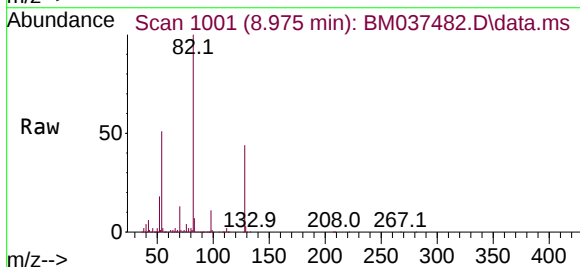
Instrument :
BNA_M
ClientSampleId :
SB-09

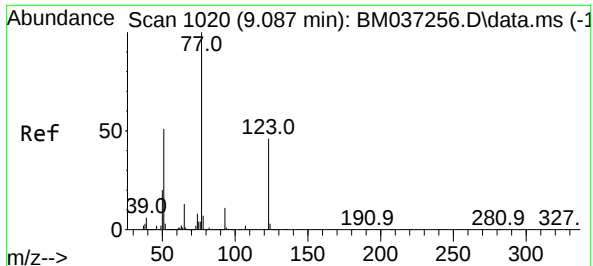
Tgt Ion:105 Resp: 2245
Ion Ratio Lower Upper
105 100
71 0.0 3.0 4.4#
51 90.8 22.1 33.1#
120 21.1 18.2 27.2



#23
Nitrobenzene-d5
Concen: 82.050 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 82 Resp: 1355278
Ion Ratio Lower Upper
82 100
128 44.4 35.2 52.8
54 51.0 40.4 60.6

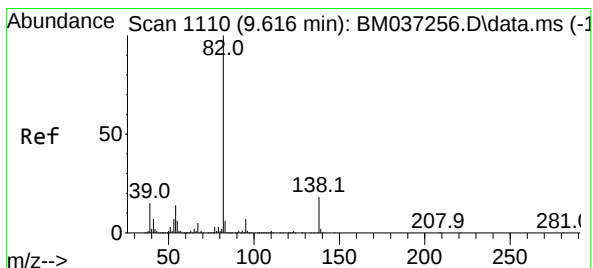
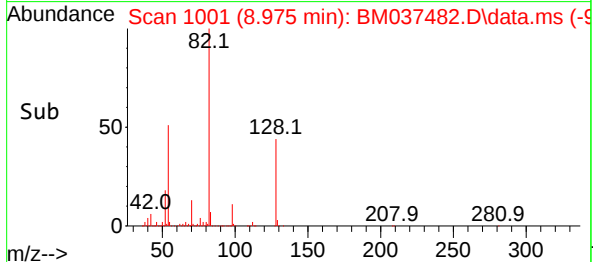
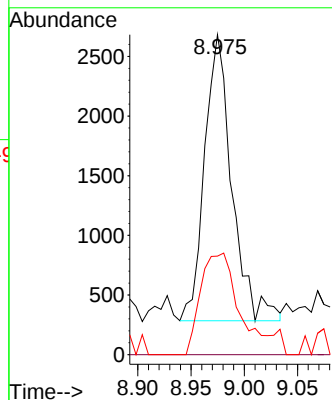
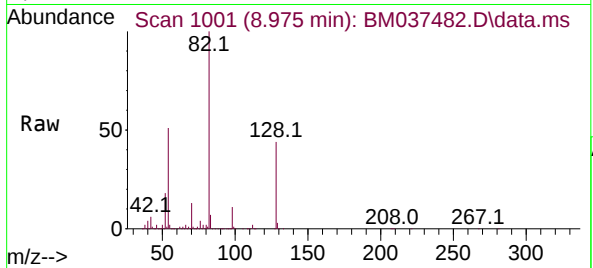




#24
Nitrobenzene
Concen: 0.256 ng
RT: 8.975 min Scan# 1096
Delta R.T. -0.047 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

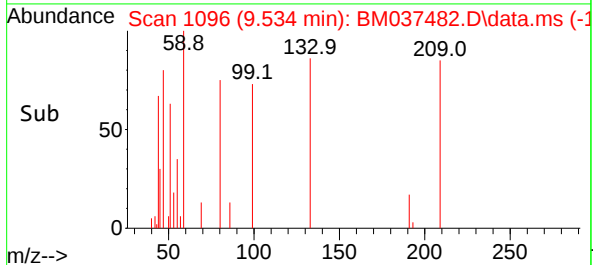
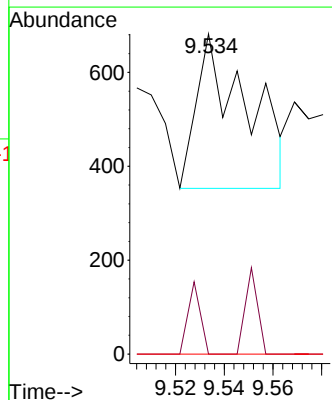
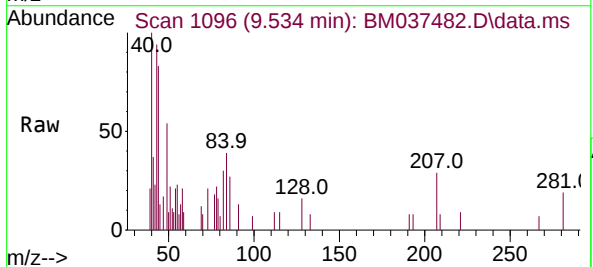
Instrument :
BNA_M
ClientSampleId :
SB-09

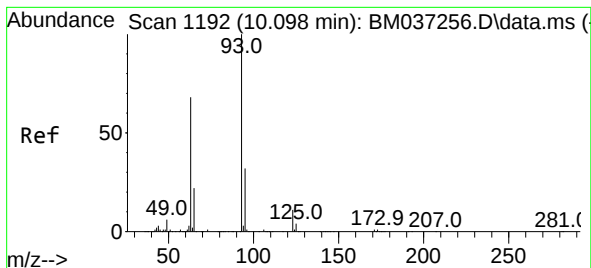
Tgt Ion: 77 Resp: 4279
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 30.8 10.6 16.0#



#25
Isophorone
Concen: 0.017 ng
RT: 9.534 min Scan# 1096
Delta R.T. -0.018 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 82 Resp: 472
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.2 21.4#

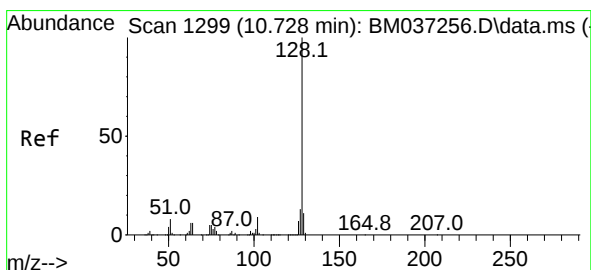
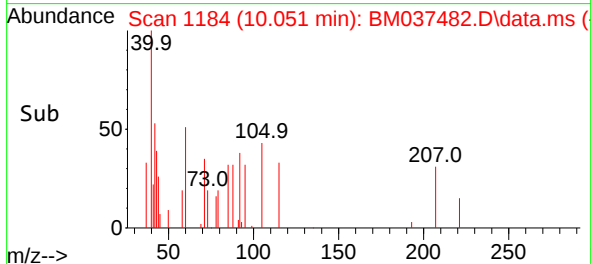
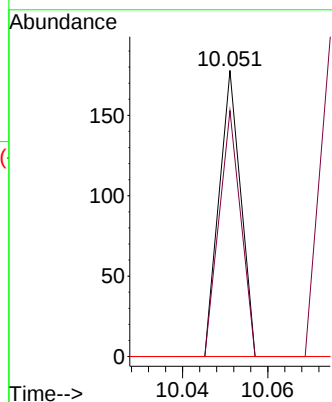
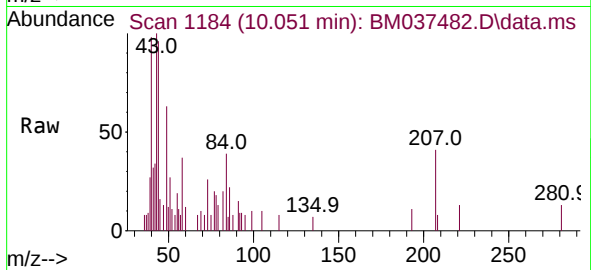




#28
bis(2-Chloroethoxy)methane
Concen: 0.004 ng
RT: 10.051 min Scan# 1192
Delta R.T. 0.018 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

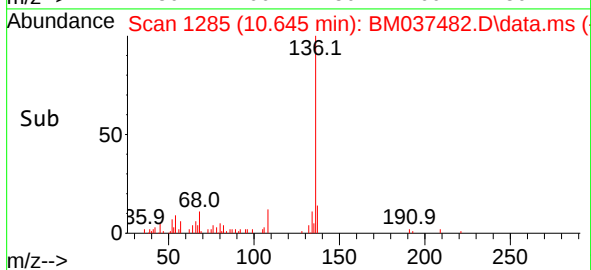
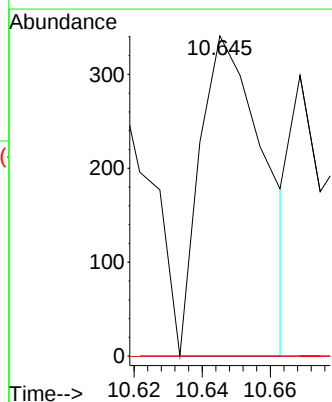
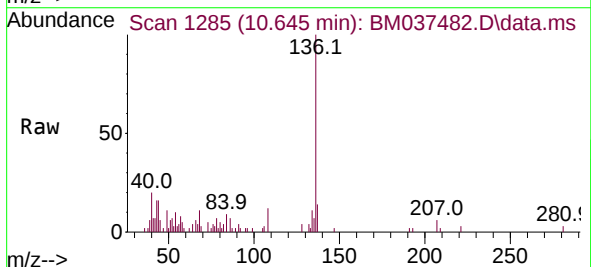
Instrument :
BNA_M
ClientSampleId :
SB-09

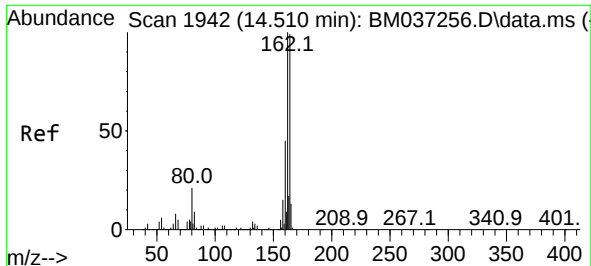
Tgt Ion: 93 Resp: 63
Ion Ratio Lower Upper
93 100
95 86.0 25.8 38.8#
123 0.0 9.3 13.9#



#31
Naphthalene
Concen: 0.009 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:128 Resp: 448
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.2 15.2#

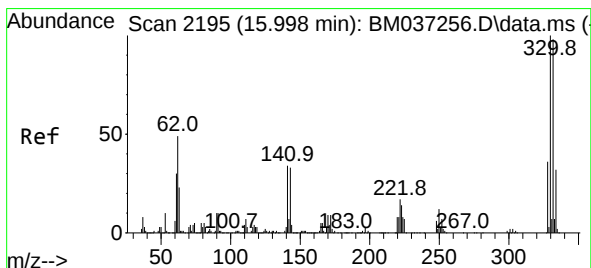
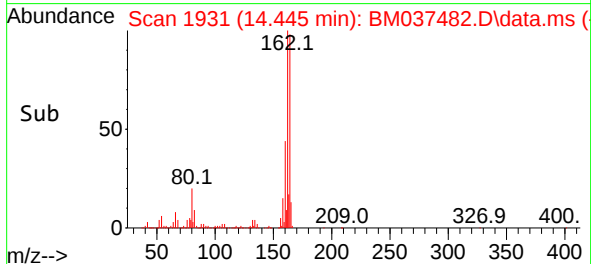
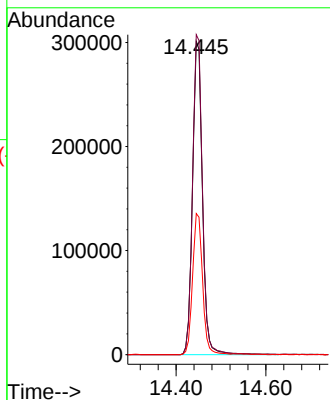
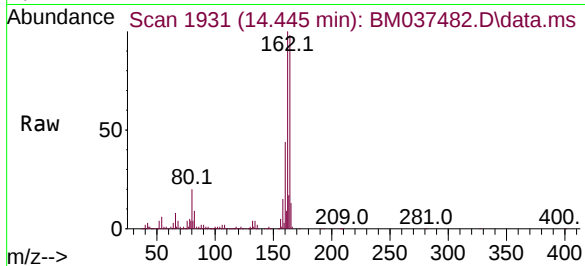




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

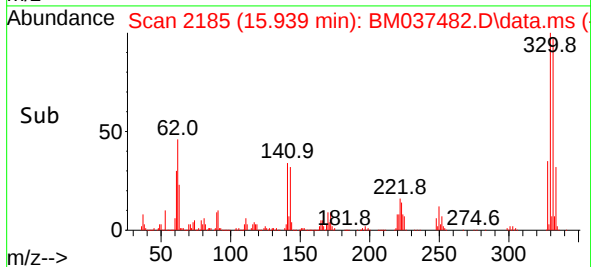
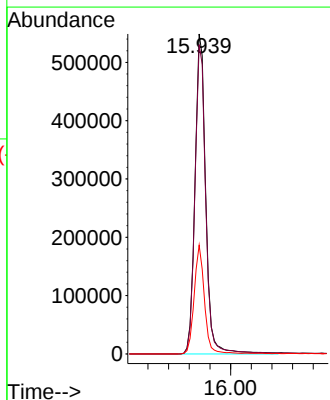
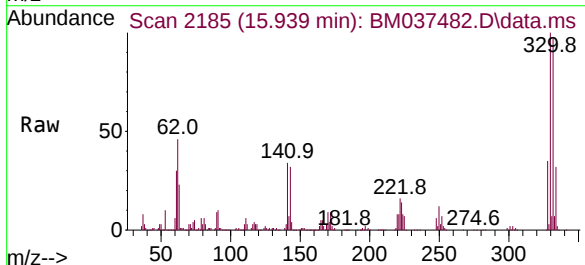
Instrument :
BNA_M
ClientSampleId :
SB-09

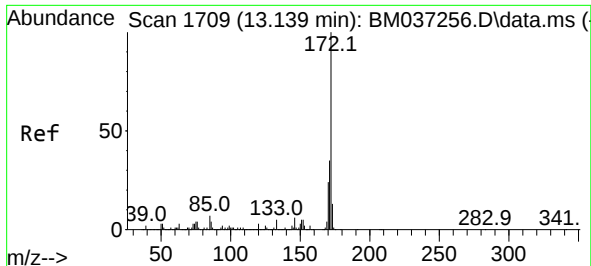
Tgt Ion:164 Resp: 460026
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 146.218 ng
RT: 15.939 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:330 Resp: 792687
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 32.4 27.5 41.3

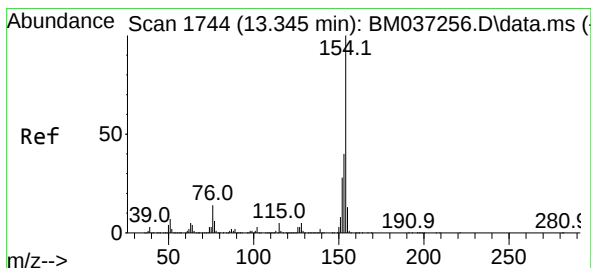
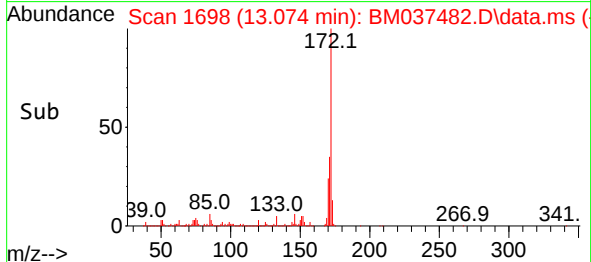
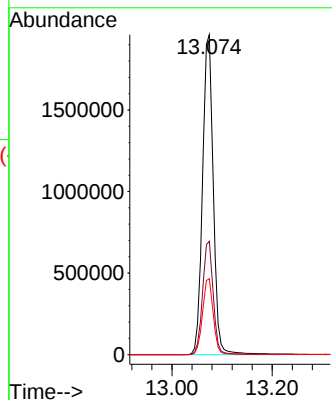
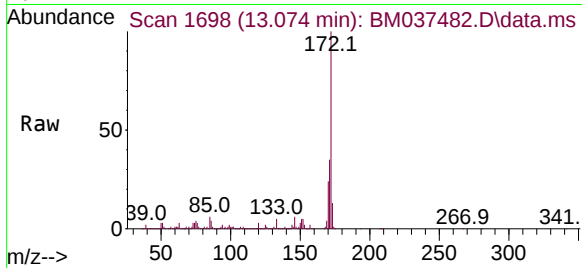




#45
2-Fluorobiphenyl
Concen: 84.620 ng
RT: 13.074 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

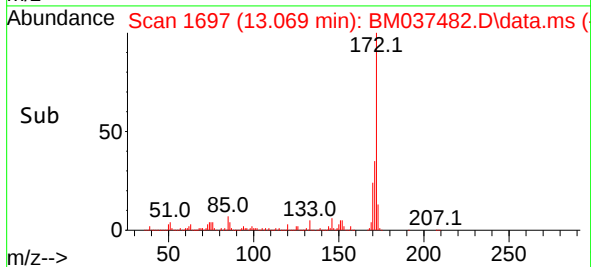
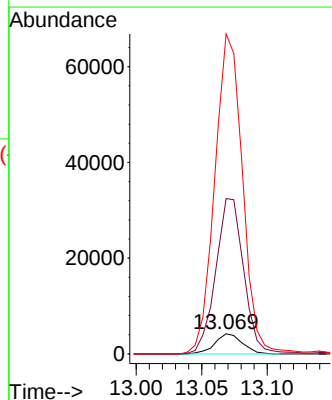
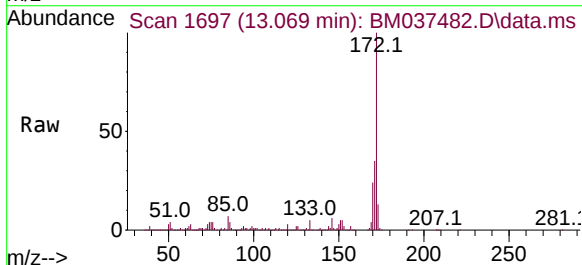
Instrument :
BNA_M
ClientSampleId :
SB-09

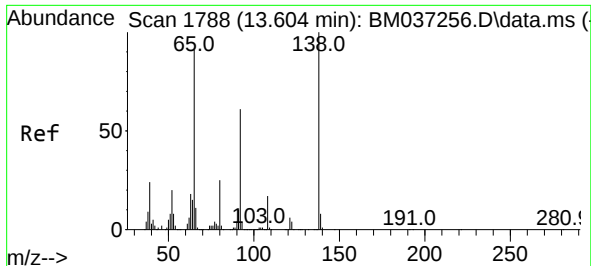
Tgt Ion:172 Resp: 2929760
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 0.164 ng
RT: 13.069 min Scan# 1697
Delta R.T. -0.218 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:154 Resp: 6077
Ion Ratio Lower Upper
154 100
153 773.7 20.3 60.3#
76 1594.8 0.0 33.7#

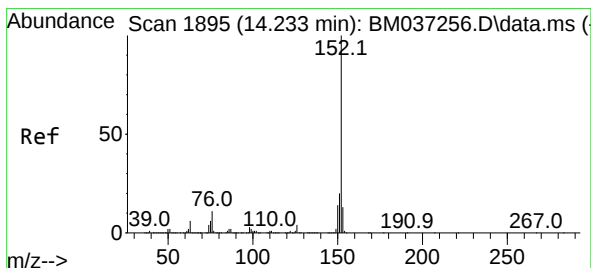
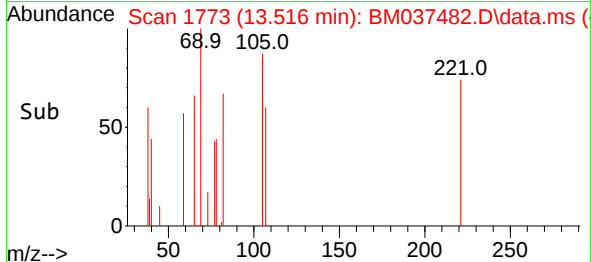
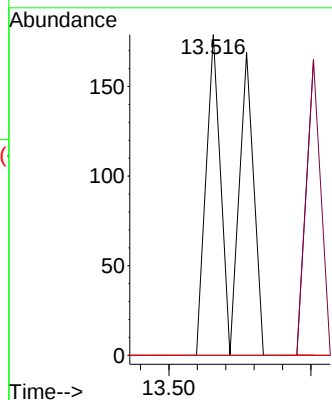
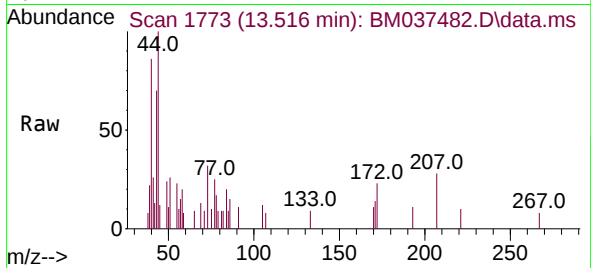




#48
2-Nitroaniline
Concen: 0.014 ng
RT: 13.516 min Scan# 1773
Delta R.T. -0.035 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

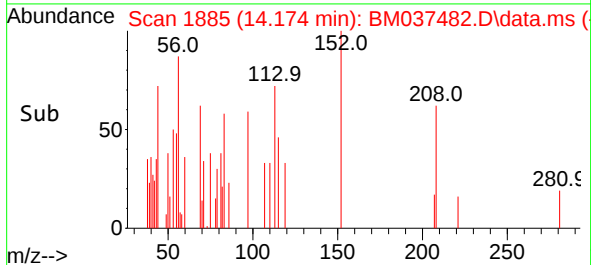
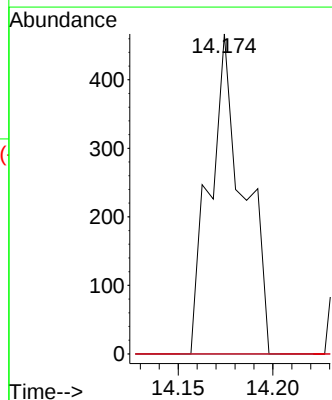
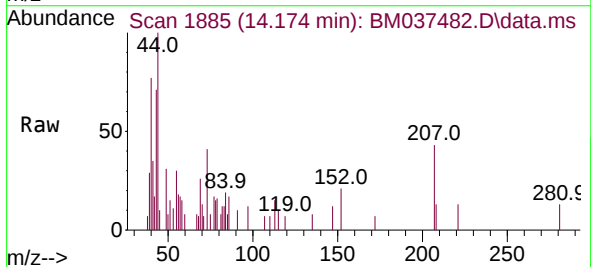
Instrument :
BNA_M
ClientSampleId :
SB-09

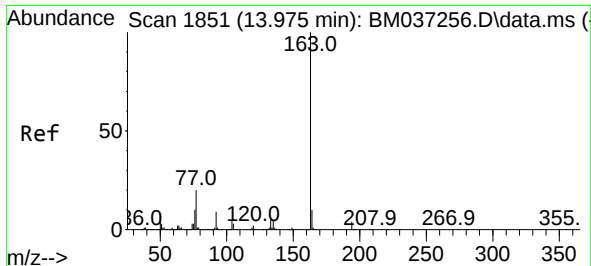
Tgt Ion: 65 Resp: 123
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 87.4 131.2#



#49
Acenaphthylene
Concen: 0.013 ng
RT: 14.174 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion: 152 Resp: 581
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 0.0 10.6 15.8#

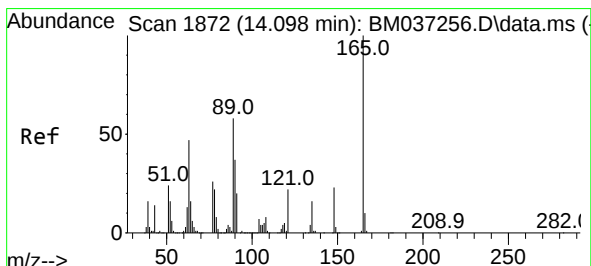
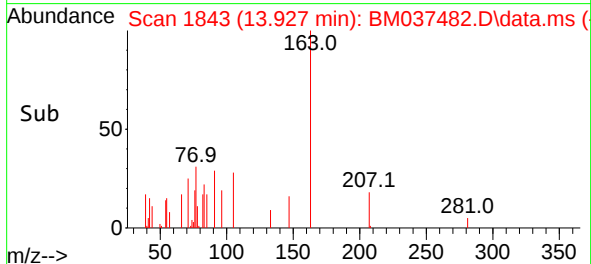
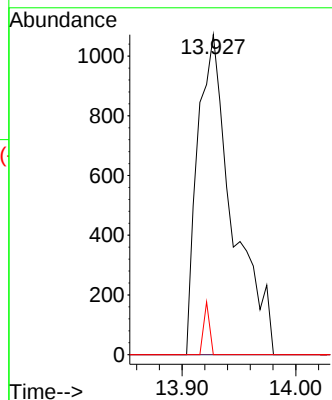
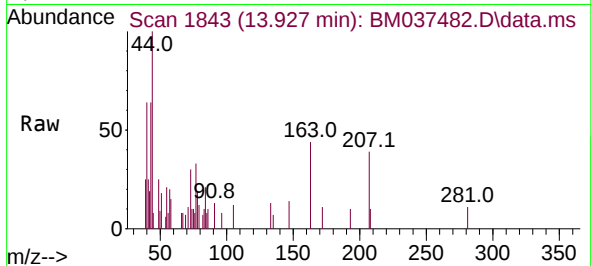




#50
Dimethylphthalate
Concen: 0.065 ng
RT: 13.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

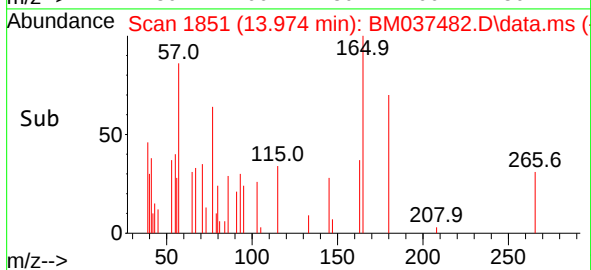
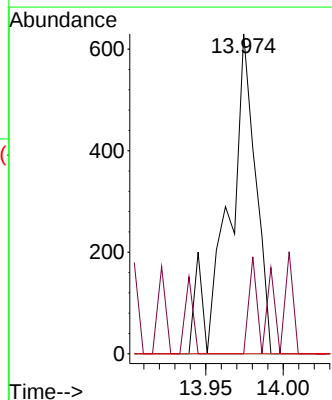
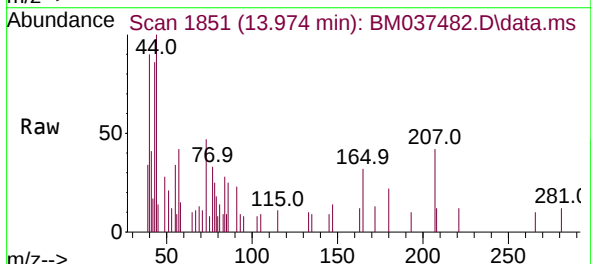
Instrument :
BNA_M
ClientSampleId :
SB-09

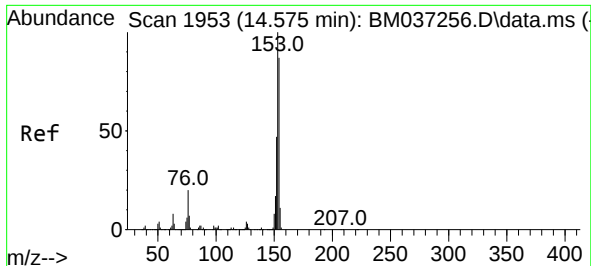
Tgt Ion:163 Resp: 2294
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 0.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 0.104 ng
RT: 13.974 min Scan# 1851
Delta R.T. -0.076 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:165 Resp: 775
Ion Ratio Lower Upper
165 100
63 0.0 46.2 69.2#
89 0.0 46.6 69.8#

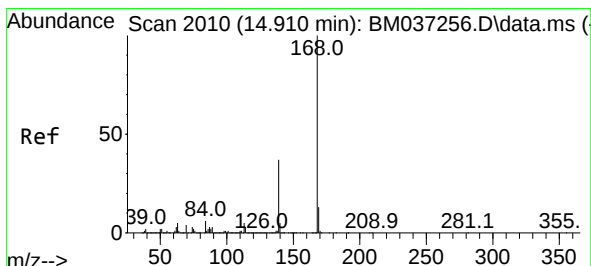
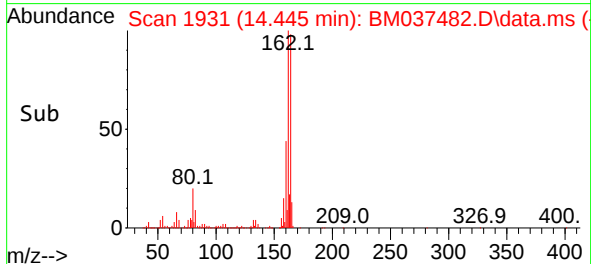
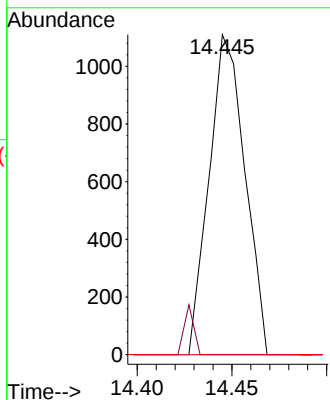
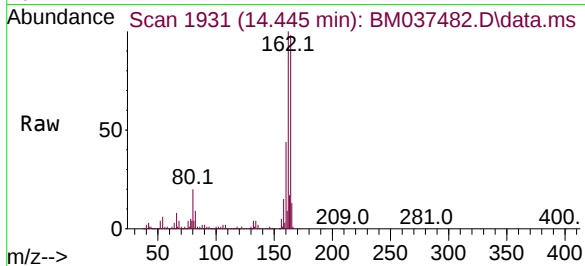




#52
Acenaphthene
Concen: 0.051 ng
RT: 14.445 min Scan# 1953
Delta R.T. -0.071 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

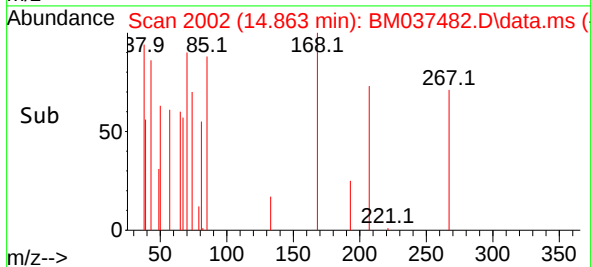
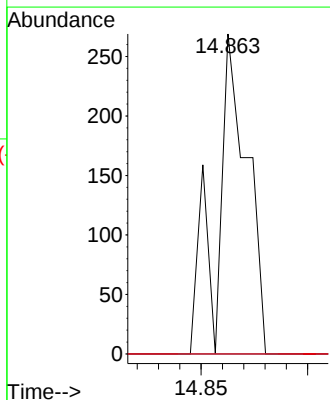
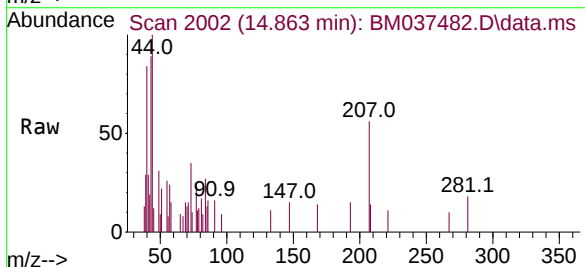
Instrument :
BNA_M
ClientSampleId :
SB-09

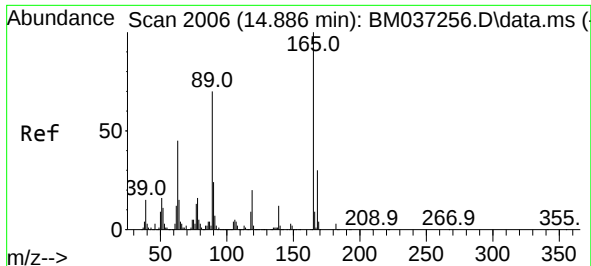
Tgt Ion:154 Resp: 1459
Ion Ratio Lower Upper
154 100
153 0.0 91.5 137.3#
152 0.0 43.0 64.6#



#55
Dibenzofuran
Concen: 0.006 ng
RT: 14.863 min Scan# 2002
Delta R.T. 0.012 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:168 Resp: 267
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: 0.006 ng

RT: 14.845 min Scan# 19

Delta R.T. 0.006 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

Instrument :

BNA_M

ClientSampleId :

SB-09

Tgt Ion:165 Resp: 59

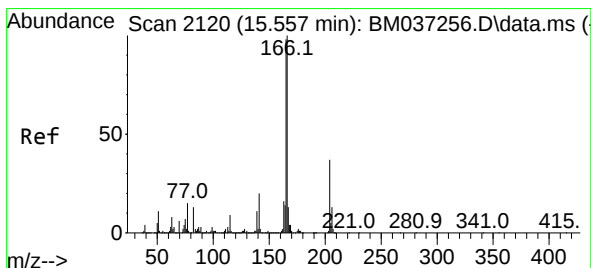
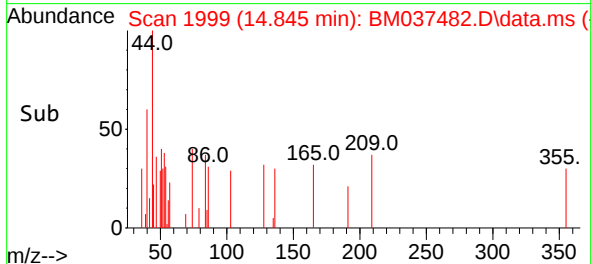
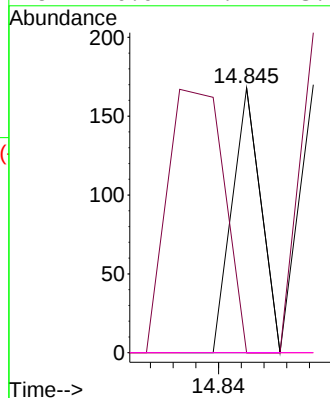
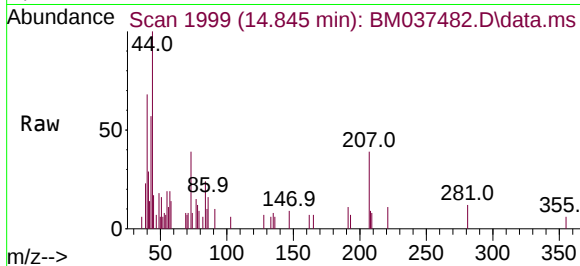
Ion Ratio Lower Upper

165 100

63 0.0 36.3 54.5#

89 0.0 56.3 84.5#

182 0.0 2.1 3.1#



#58

Fluorene

Concen: 0.004 ng

RT: 15.498 min Scan# 2110

Delta R.T. -0.006 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

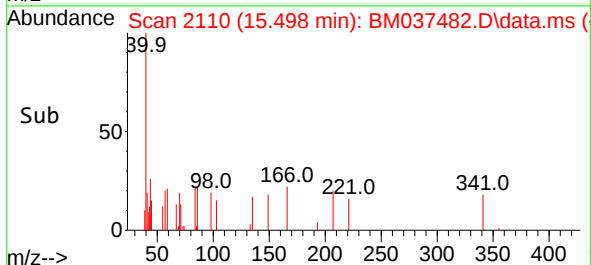
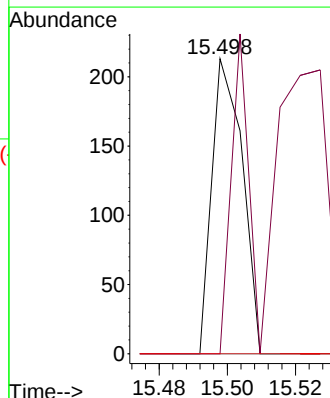
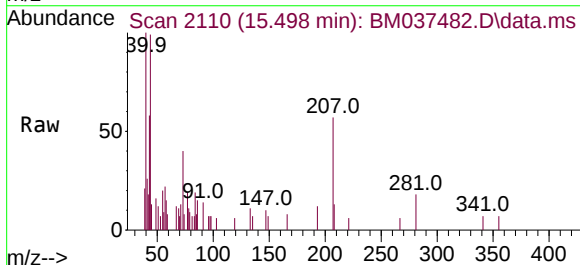
Tgt Ion:166 Resp: 132

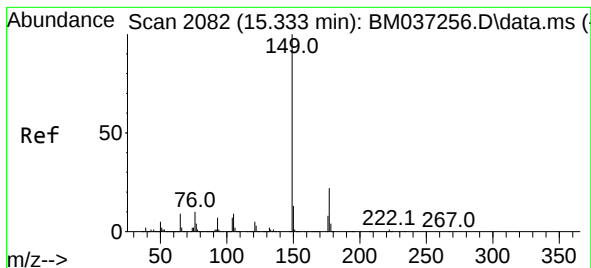
Ion Ratio Lower Upper

166 100

165 0.0 78.2 117.4#

167 0.0 10.6 15.8#





#60

Diethylphthalate

Concen: 0.329 ng

RT: 15.274 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

Instrument :

BNA_M

ClientSampleId :

SB-09

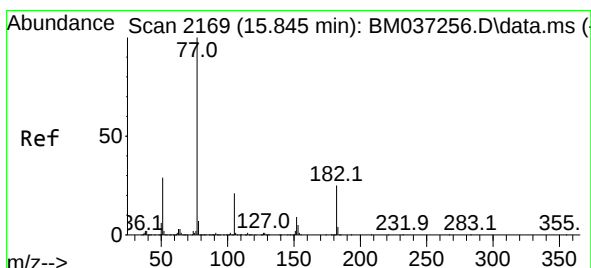
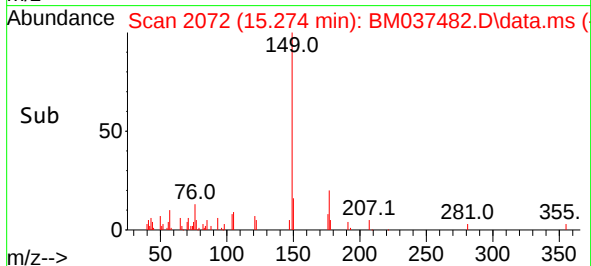
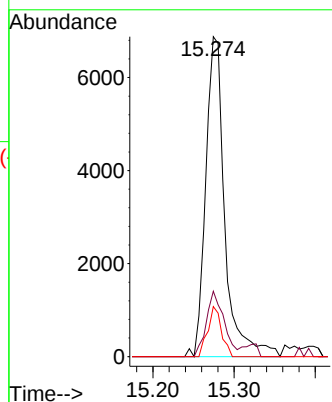
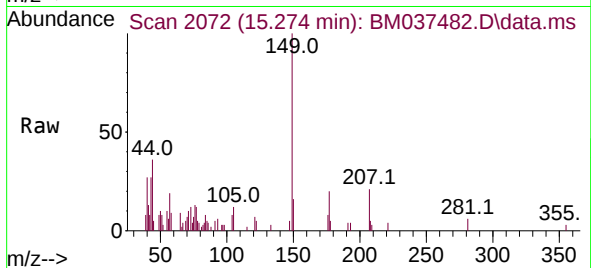
Tgt Ion:149 Resp: 11233

Ion Ratio Lower Upper

149 100

177 20.4 17.4 26.0

150 15.6 10.0 15.0#



#63

Azobenzene

Concen: 0.006 ng

RT: 15.757 min Scan# 2154

Delta R.T. -0.035 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

Tgt Ion: 77 Resp: 191

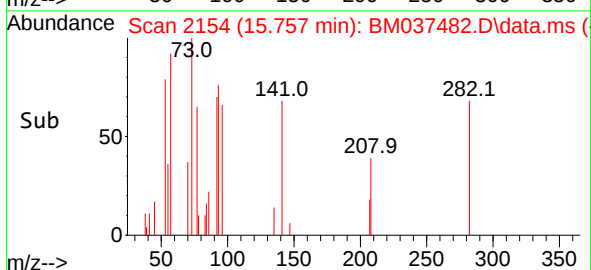
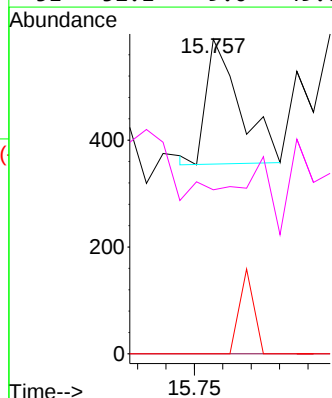
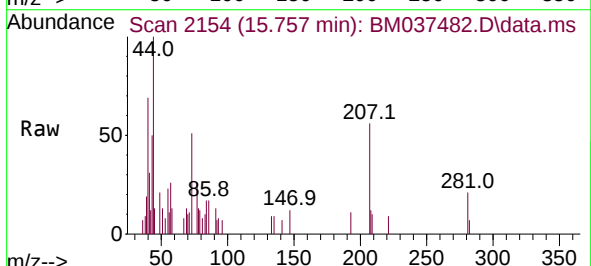
Ion Ratio Lower Upper

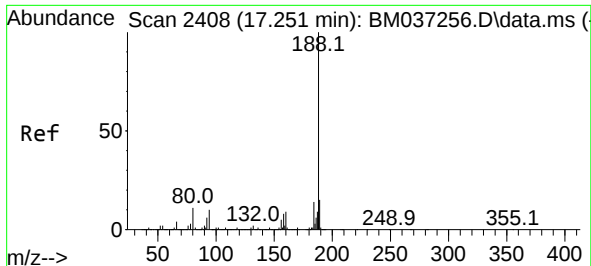
77 100

182 0.0 5.1 45.1#

105 0.0 0.5 40.5#

51 52.1 9.0 49.0#

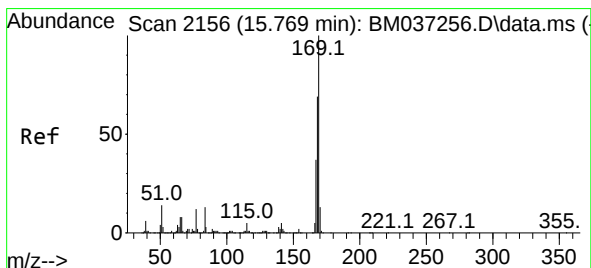
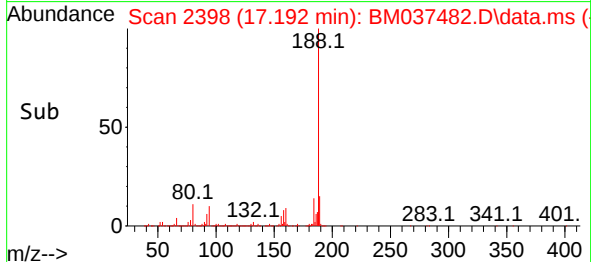
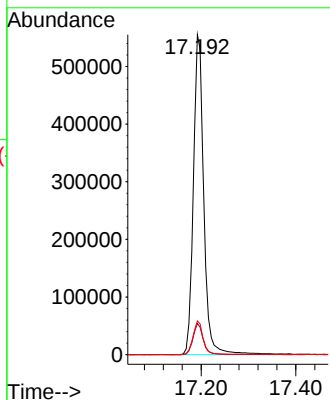
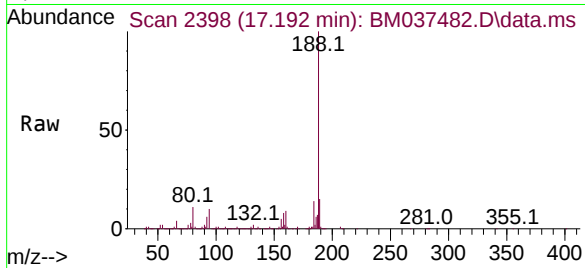




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

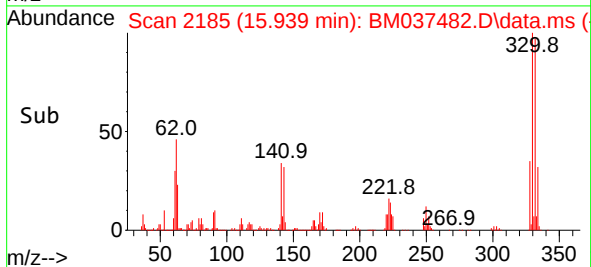
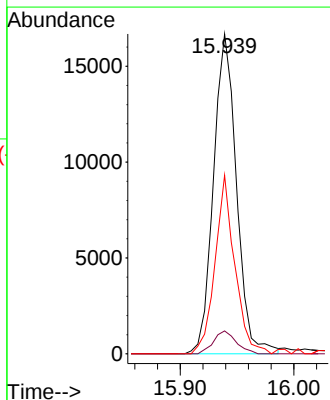
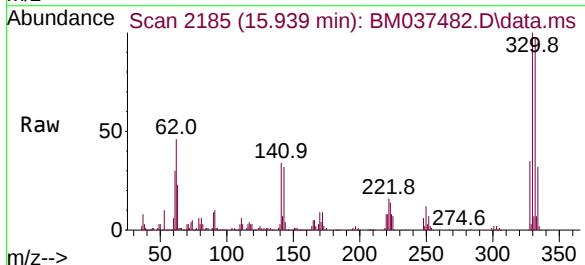
Instrument :
BNA_M
ClientSampleId :
SB-09

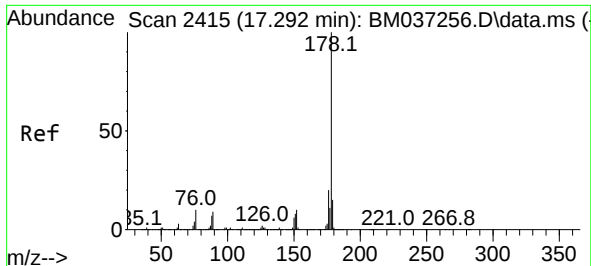
Tgt Ion:188 Resp: 843991
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.5 8.5 12.7



#66
n-Nitrosodiphenylamine
Concen: 0.825 ng
RT: 15.939 min Scan# 2185
Delta R.T. 0.224 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:169 Resp: 23535
Ion Ratio Lower Upper
169 100
168 7.2 54.8 82.2#
167 55.8 29.5 44.3#

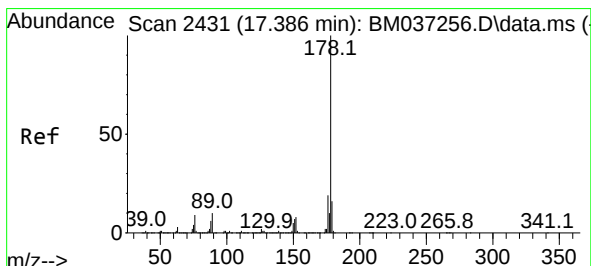
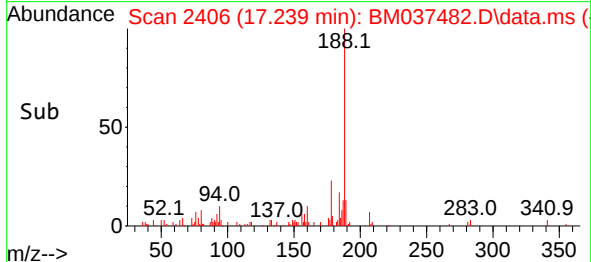
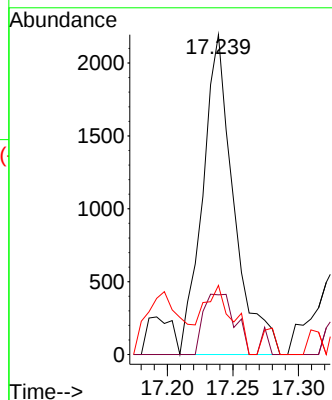
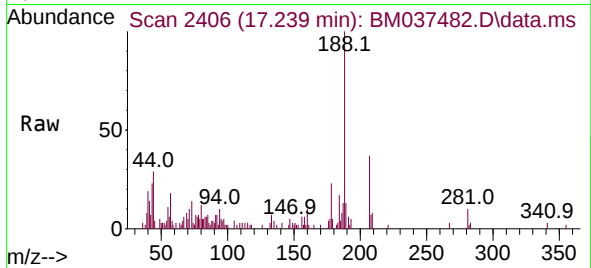




#71
Phenanthrene
Concen: 0.069 ng
RT: 17.239 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

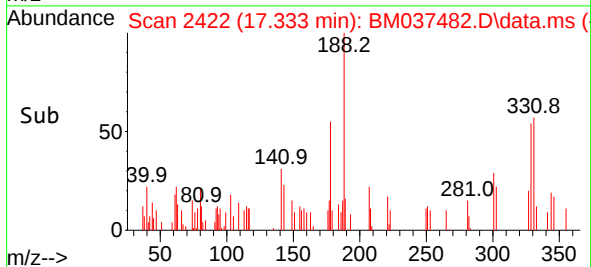
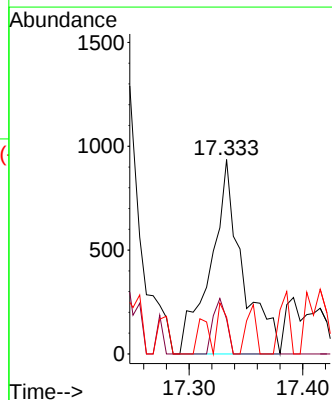
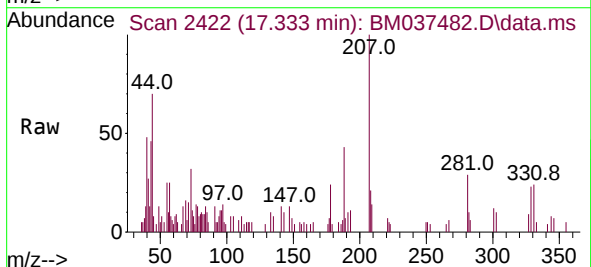
Instrument :
BNA_M
ClientSampleId :
SB-09

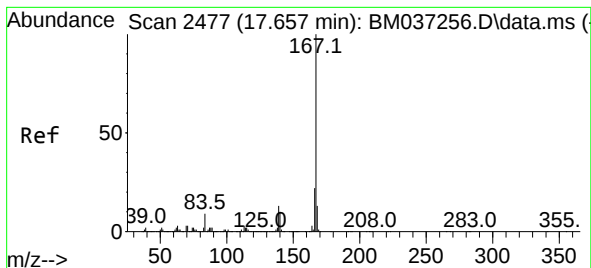
Tgt Ion:178 Resp: 3613
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 21.6 12.4 18.6#



#72
Anthracene
Concen: 0.037 ng
RT: 17.333 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:178 Resp: 1813
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 18.9 12.6 19.0





#73

Carbazole

Concen: 0.021 ng

RT: 17.627 min Scan# 24

Delta R.T. 0.018 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

Instrument :

BNA_M

ClientSampleId :

SB-09

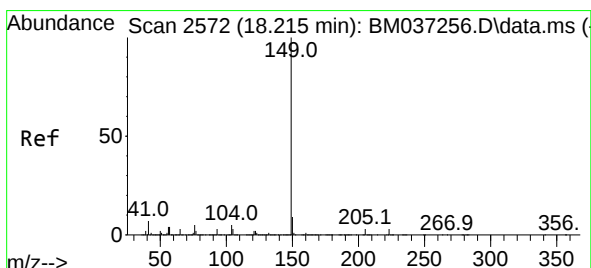
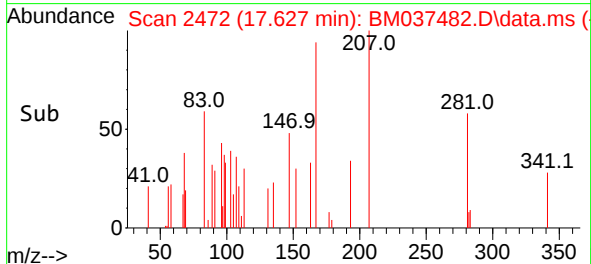
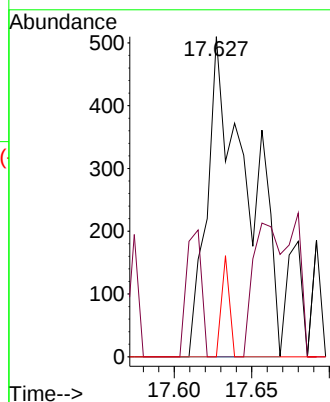
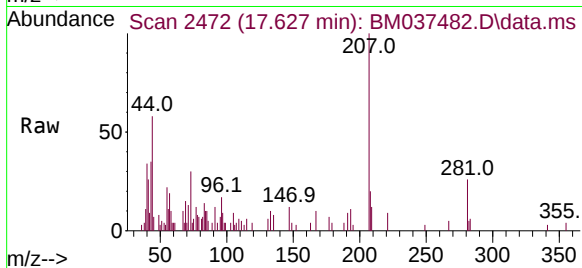
Tgt Ion:167 Resp: 936

Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.2#

139 0.0 10.4 15.6#



#74

Di-n-butylphthalate

Concen: 0.231 ng

RT: 18.168 min Scan# 2564

Delta R.T. 0.000 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

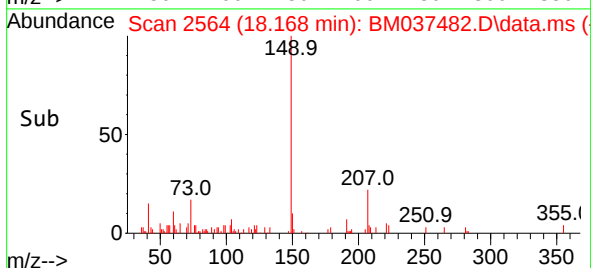
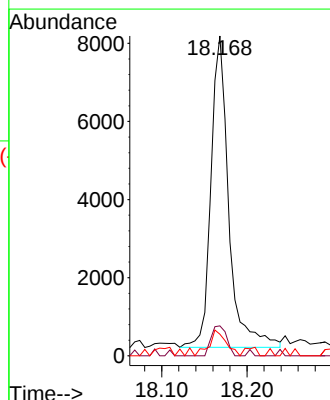
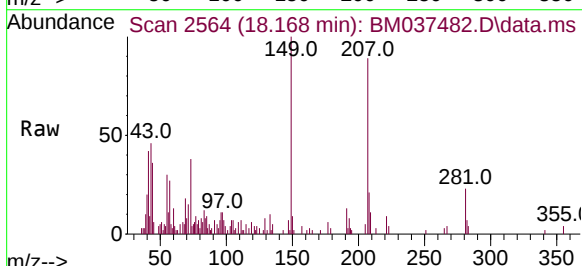
Tgt Ion:149 Resp: 11597

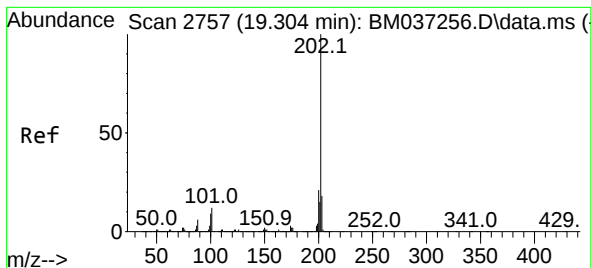
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 6.8 4.0 6.0#





#75

Fluoranthene

Concen: 0.107 ng

RT: 19.256 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

Instrument :

BNA_M

ClientSampleId :

SB-09

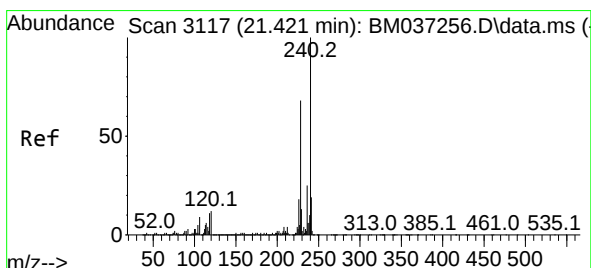
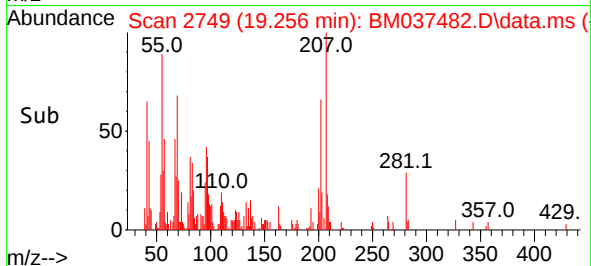
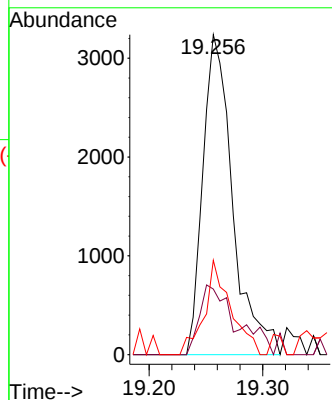
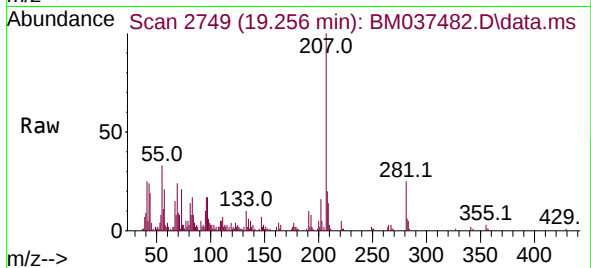
Tgt Ion:202 Resp: 5897

Ion Ratio Lower Upper

202 100

101 20.5 0.0 32.4

203 29.5 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: BM037482.D

Acq: 12 Nov 2022 00:19

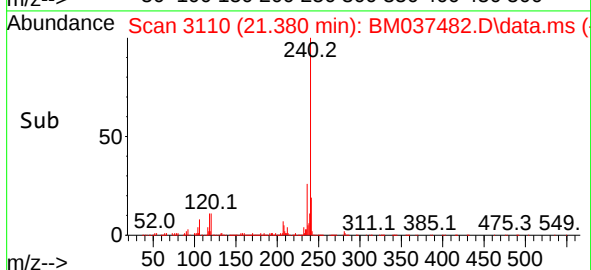
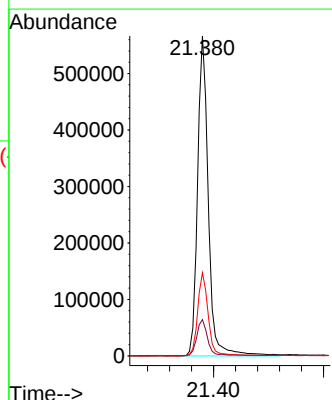
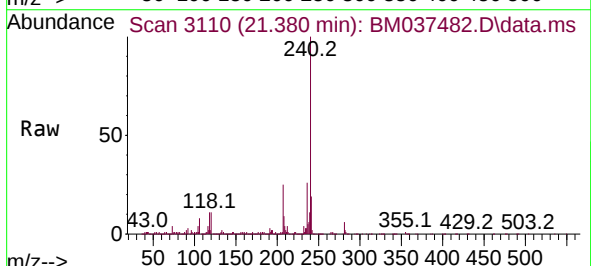
Tgt Ion:240 Resp: 769550

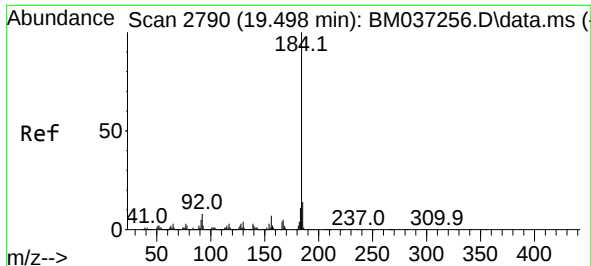
Ion Ratio Lower Upper

240 100

120 11.3 9.9 14.9

236 26.0 20.3 30.5

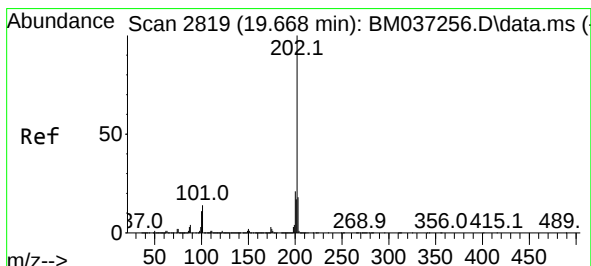
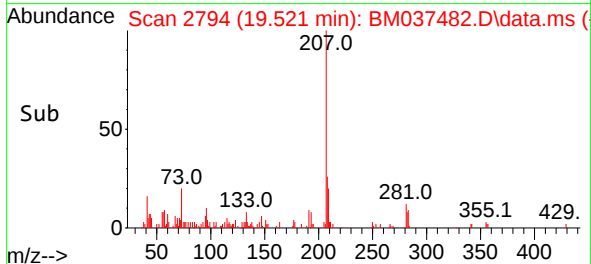
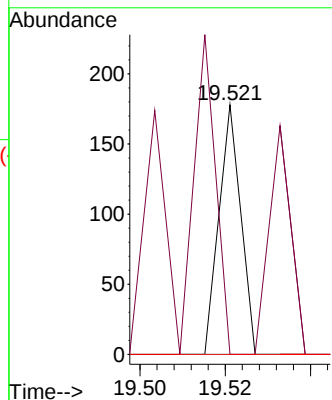
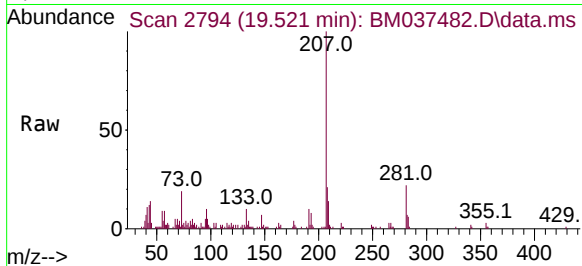




#77
Benzidine
Concen: 0.005 ng
RT: 19.521 min Scan# 21
Delta R.T. 0.065 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

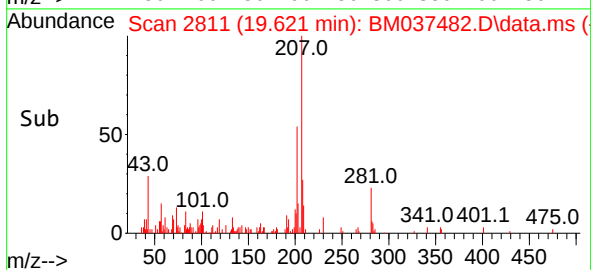
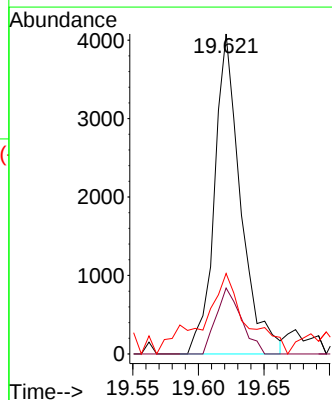
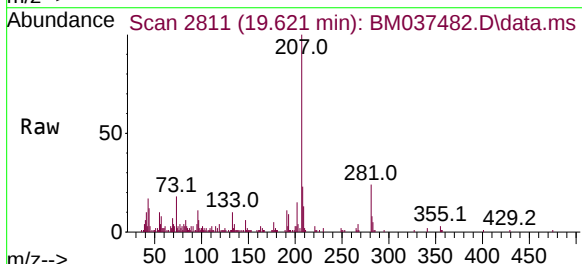
Instrument :
BNA_M
ClientSampleId :
SB-09

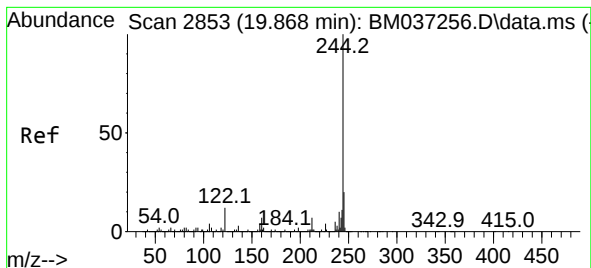
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
185 0.0 11.3 16.9#
183 0.0 9.0 13.4#



#78
Pyrene
Concen: 0.096 ng
RT: 19.621 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:202 Resp: 5682
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 25.1 14.1 21.1#





#79

Terphenyl-d14

Concen: 95.405 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

Instrument :

BNA_M

ClientSampleId :

SB-09

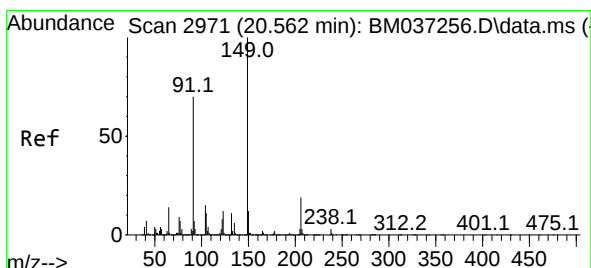
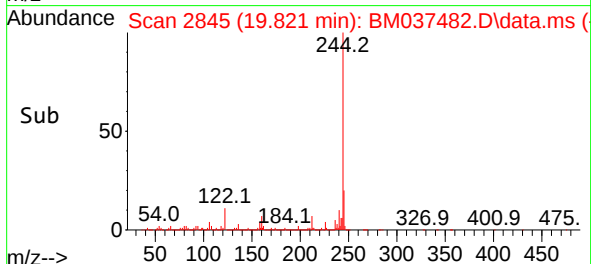
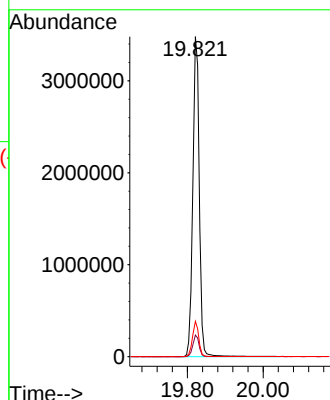
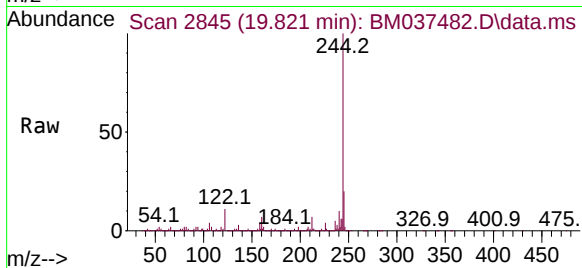
Tgt Ion:244 Resp: 4094113

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.0 9.4 14.2



#80

Butylbenzylphthalate

Concen: 0.016 ng

RT: 20.650 min Scan# 2986

Delta R.T. 0.129 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

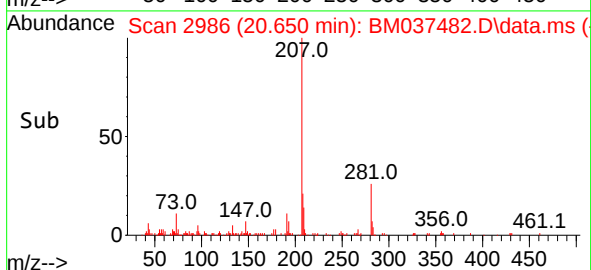
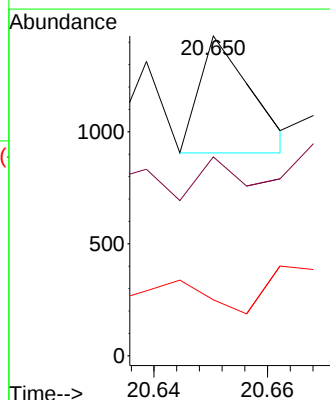
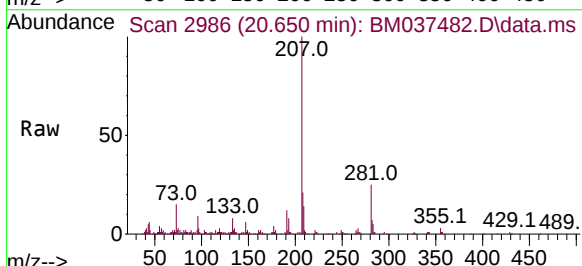
Tgt Ion:149 Resp: 328

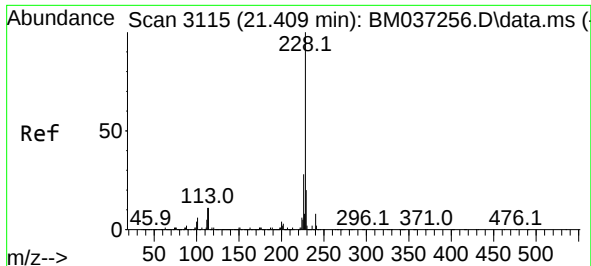
Ion Ratio Lower Upper

149 100

91 62.2 56.2 84.4

206 17.5 15.4 23.0

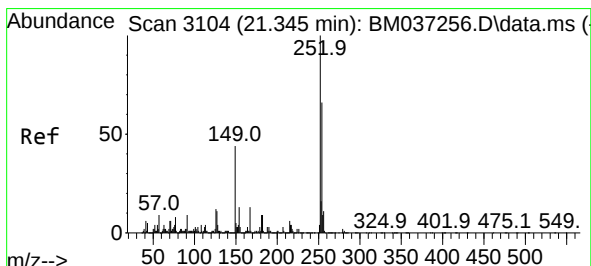
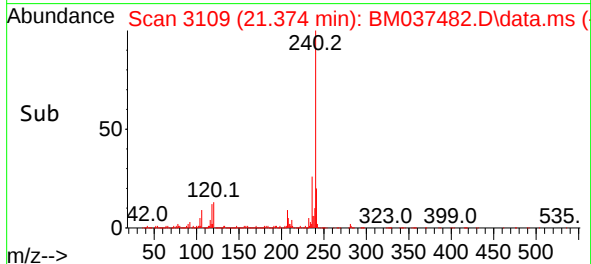
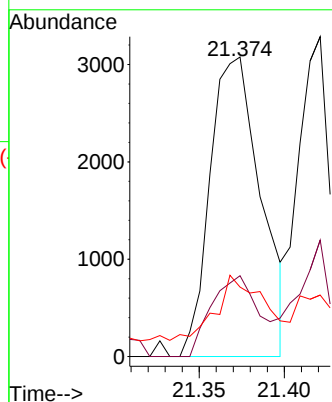
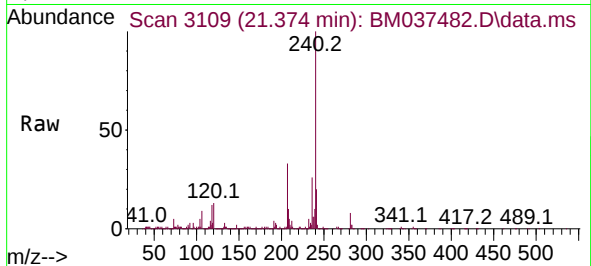




#81
Benzo(a)anthracene
Concen: 0.116 ng
RT: 21.374 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

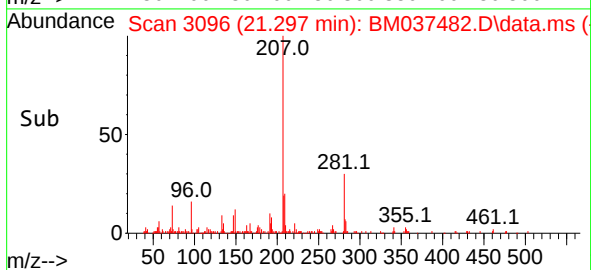
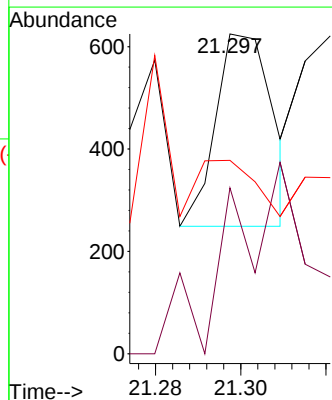
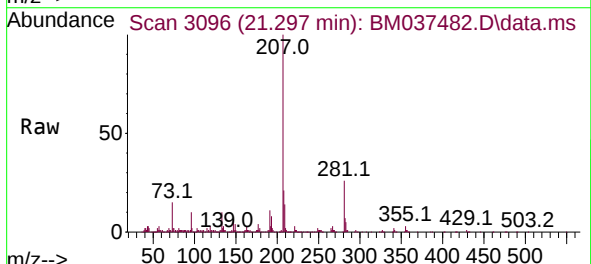
Instrument :
BNA_M
ClientSampleId :
SB-09

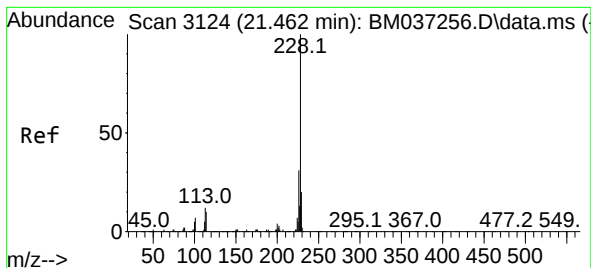
Tgt Ion:228 Resp: 6351
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 23.2 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 0.022 ng
RT: 21.297 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:252 Resp: 352
Ion Ratio Lower Upper
252 100
254 51.8 52.7 79.1#
126 60.5 9.8 14.6#





#83

Chrysene

Concen: 0.096 ng

RT: 21.421 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

Instrument :

BNA_M

ClientSampleId :

SB-09

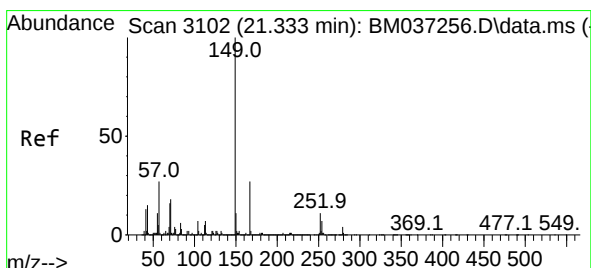
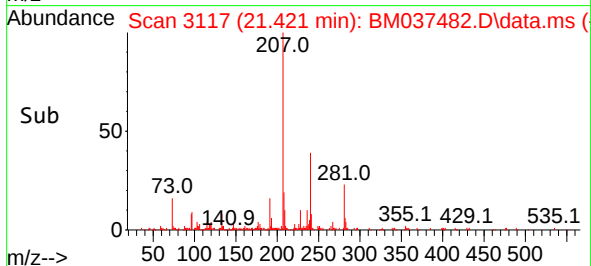
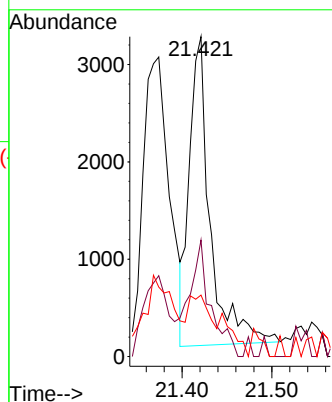
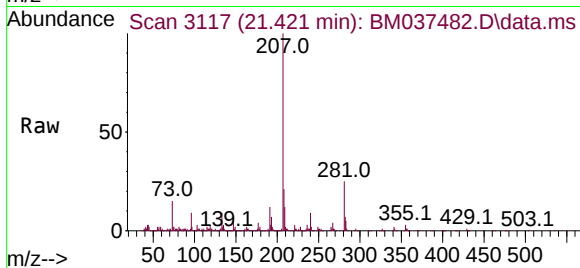
Tgt Ion:228 Resp: 5092

Ion Ratio Lower Upper

228 100

226 36.4 24.4 36.6

229 19.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.190 ng

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

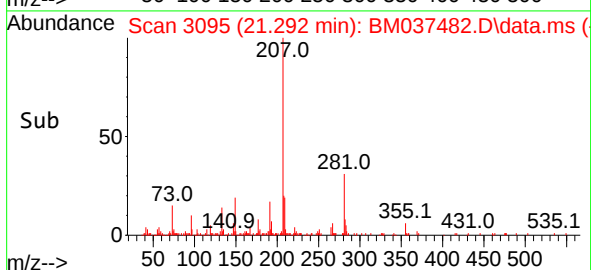
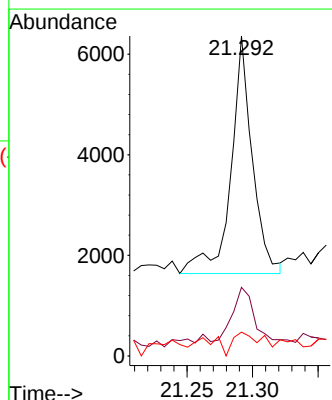
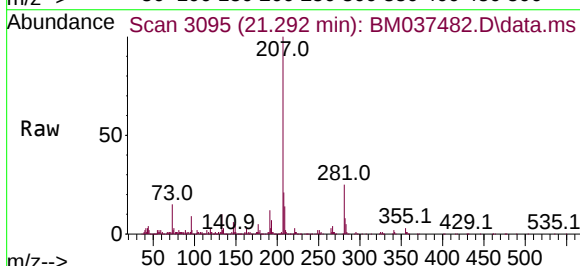
Tgt Ion:149 Resp: 5384

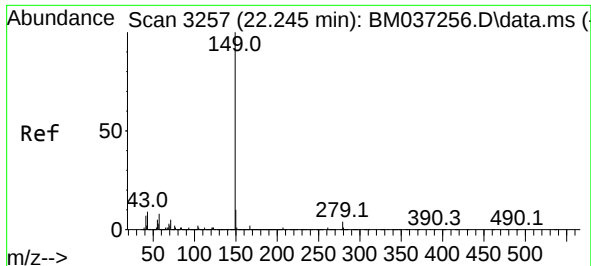
Ion Ratio Lower Upper

149 100

167 21.4 21.2 31.8

279 7.4 3.1 4.7#

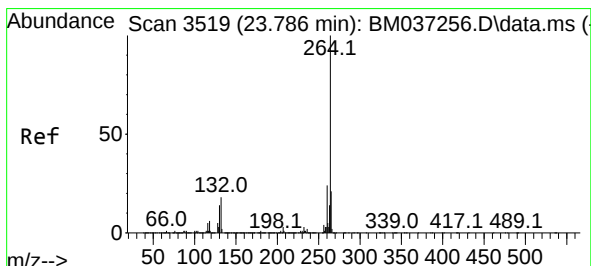
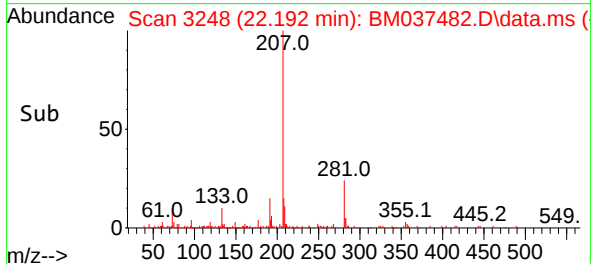
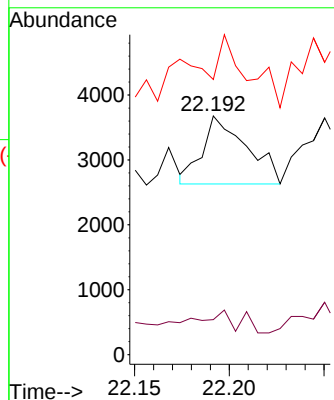
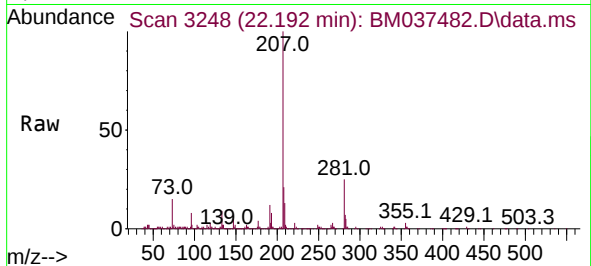




#85
Di-n-octyl phthalate
Concen: 0.038 ng
RT: 22.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

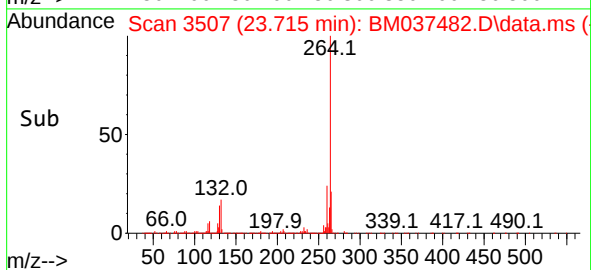
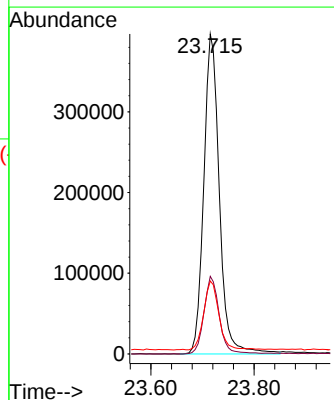
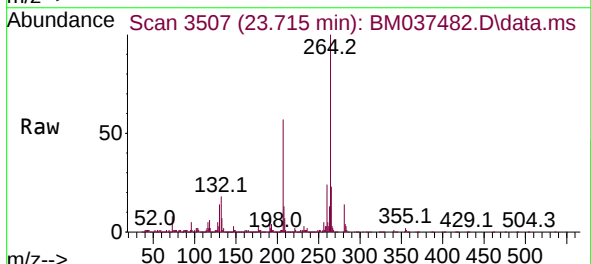
Instrument :
BNA_M
ClientSampleId :
SB-09

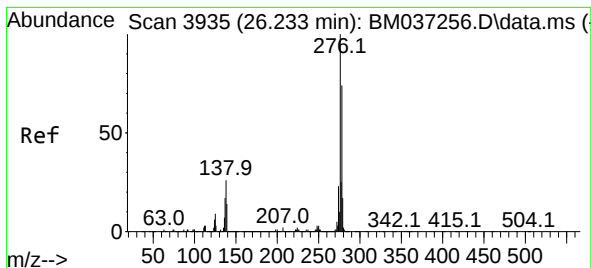
Tgt Ion:149 Resp: 1693
Ion Ratio Lower Upper
149 100
167 34.7 1.3 1.9#
43 68.0 8.0 12.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM037482.D
Acq: 12 Nov 2022 00:19

Tgt Ion:264 Resp: 827653
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 22.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.134 ng

RT: 26.144 min Scan# 3935

Delta R.T. 0.000 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

Instrument :

BNA_M

ClientSampleId :

SB-09

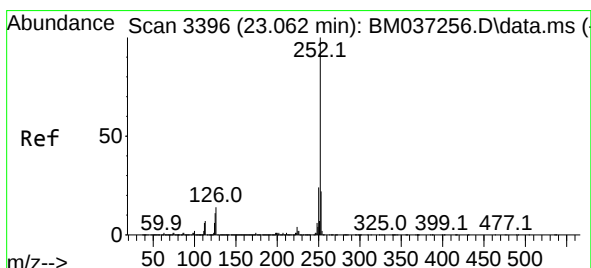
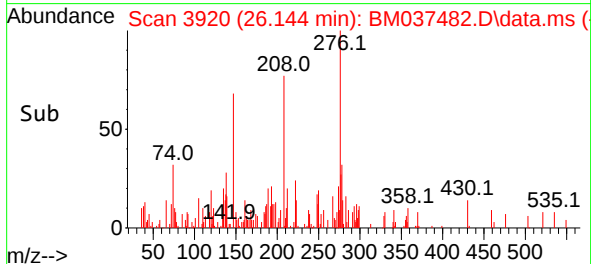
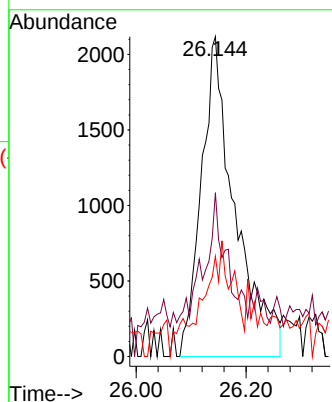
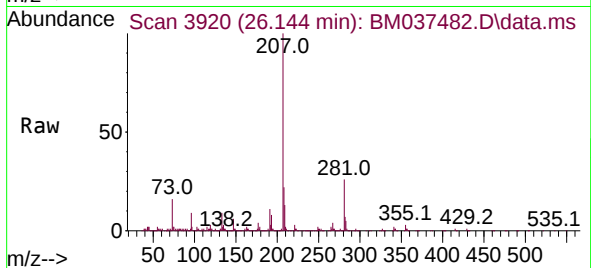
Tgt Ion:276 Resp: 9067

Ion Ratio Lower Upper

276 100

138 17.3 21.5 32.3#

277 12.1 20.1 30.1#



#88

Benzo(b)fluoranthene

Concen: 0.113 ng

RT: 23.009 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

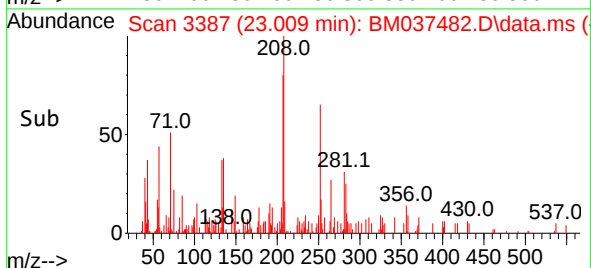
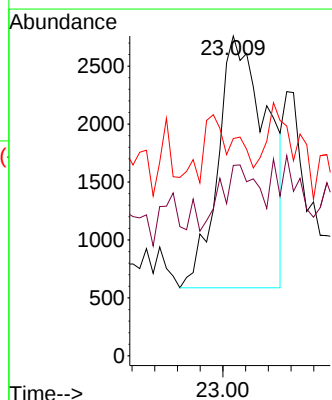
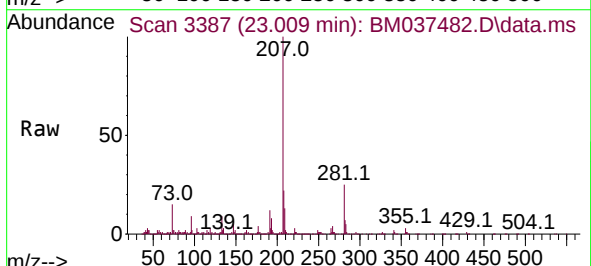
Tgt Ion:252 Resp: 6521

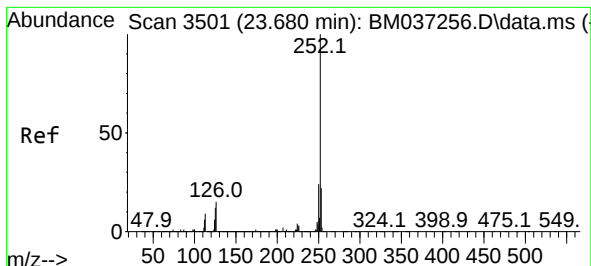
Ion Ratio Lower Upper

252 100

253 59.5 17.8 26.6#

125 67.9 9.1 13.7#





#90

Benzo(a)pyrene

Concen: 0.101 ng

RT: 23.609 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

Instrument :

BNA_M

ClientSampleId :

SB-09

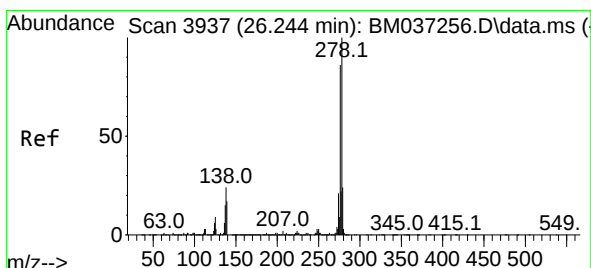
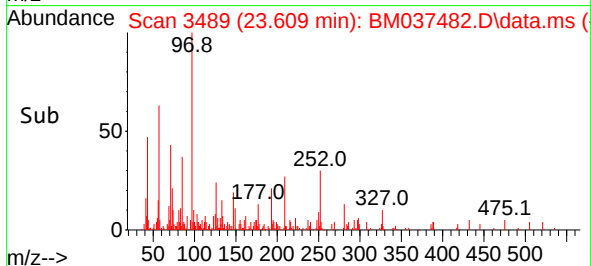
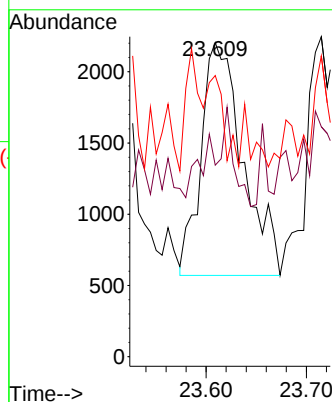
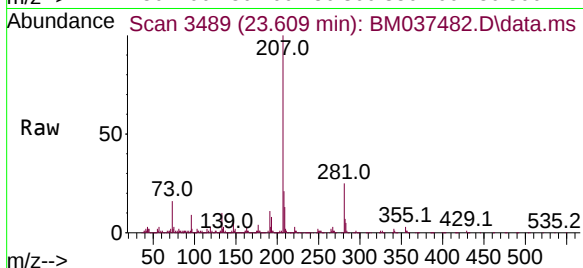
Tgt Ion:252 Resp: 4721

Ion Ratio Lower Upper

252 100

253 61.0 17.4 26.2#

125 89.5 9.9 14.9#



#91

Dibenzo(a,h)anthracene

Concen: 0.099 ng

RT: 26.162 min Scan# 3923

Delta R.T. 0.000 min

Lab File: BM037482.D

Acq: 12 Nov 2022 00:19

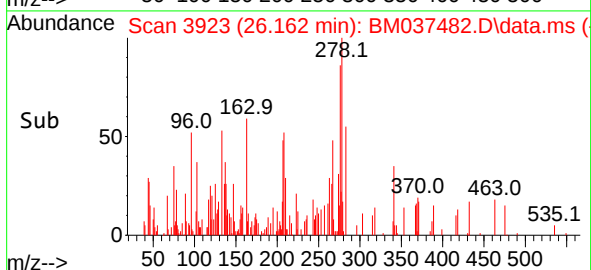
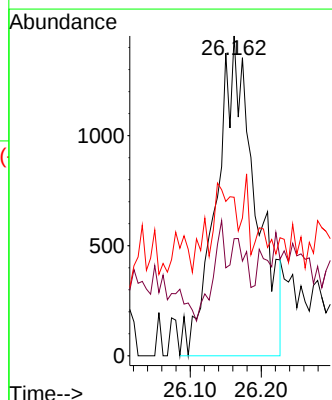
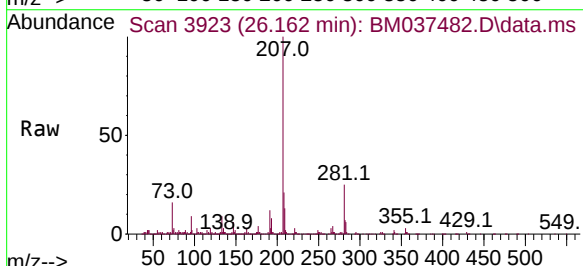
Tgt Ion:278 Resp: 5563

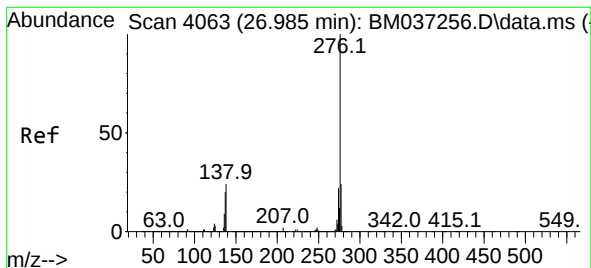
Ion Ratio Lower Upper

278 100

139 36.6 13.8 20.8#

279 49.6 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 0.170 ng

RT: 26.879 min Scan# 40

Delta R.T. -0.006 min

Lab File: BM037482.D

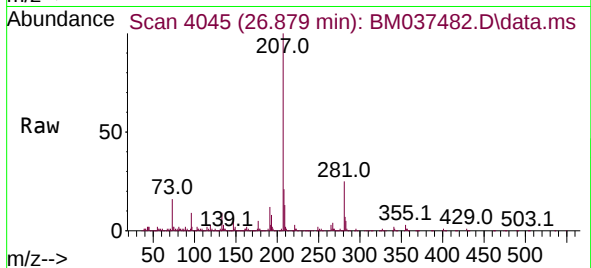
Acq: 12 Nov 2022 00:19

Instrument :

BNA_M

ClientSampleId :

SB-09



Tgt Ion:276 Resp: 9312

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.2

138 33.3 18.9 28.3#

