

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037484.D
 Acq On : 12 Nov 2022 01:32
 Operator : CG/JU
 Sample : N5509-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-12

Quant Time: Nov 12 02:41:19 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	255026	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	978948	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	555406	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1035476	20.000	ng	0.00
76) Chrysene-d12	21.380	240	850156	20.000	ng	0.00
86) Perylene-d12	23.721	264	836730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2471822	167.450	ng	0.00
7) Phenol-d6	6.987	99	2886394	144.071	ng	0.00
23) Nitrobenzene-d5	8.975	82	2082240	107.314	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1377217	210.414	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	4679929	111.958	ng	0.00
79) Terphenyl-d14	19.821	244	6768913	142.780	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	226	0.037	ng	# 1
3) Pyridine	3.663	79	342	0.019	ng	# 1
4) n-Nitrosodimethylamine	3.563	42	1113	0.141	ng	# 1
6) Aniline	7.134	93	314	0.013	ng	# 1
8) 2-Chlorophenol	7.375	128	116	0.006	ng	# 35
9) Benzaldehyde	6.987	77	5441	0.537	ng	# 10
10) Phenol	7.004	94	1330	0.059	ng	# 1
11) bis(2-Chloroethyl)ether	7.245	93	140	0.008	ng	# 70
15) Benzyl Alcohol	8.092	79	209	0.015	ng	# 50
16) 2,2'-oxybis(1-Chloropr...	8.357	45	210	0.008	ng	55
17) 2-Methylphenol	8.275	107	59	0.004	ng	# 1
18) Hexachloroethane	8.881	117	62	0.009	ng	# 3
19) n-Nitroso-di-n-propyla...	8.610	70	482	0.108	ng	# 1
20) 3+4-Methylphenols	8.622	107	169	0.008	ng	# 1
22) Acetophenone	8.634	105	1440	0.057	ng	# 1
24) Nitrobenzene	8.981	77	6784	0.345	ng	# 35
25) Isophorone	9.551	82	198	0.006	ng	# 62
28) bis(2-Chloroethoxy)met...	10.051	93	68	0.003	ng	# 50
31) Naphthalene	10.651	128	10068	0.182	ng	# 92
33) 4-Chloroaniline	10.657	127	1044	0.047	ng	# 48
36) 4-Chloro-3-methylphenol	11.975	107	55	0.004	ng	# 17
37) 2-Methylnaphthalene	12.280	142	1246	0.033	ng	# 85
38) 1-Methylnaphthalene	12.492	142	1085	0.030	ng	# 93
46) 1,1'-Biphenyl	13.069	154	8737	0.195	ng	# 1
48) 2-Nitroaniline	13.551	65	72	0.007	ng	# 4
49) Acenaphthylene	14.186	152	504	0.009	ng	# 61
50) Dimethylphthalate	13.922	163	20238	0.477	ng	# 99
51) 2,6-Dinitrotoluene	14.104	165	53	0.006	ng	# 22
52) Acenaphthene	14.510	154	749	0.022	ng	# 71
55) Dibenzofuran	14.863	168	738	0.014	ng	# 83
56) 4-Nitrophenol	14.863	139	136	0.017	ng	# 8
57) 2,4-Dinitrotoluene	14.863	165	71	0.006	ng	# 22
58) Fluorene	15.504	166	969	0.022	ng	# 84
60) Diethylphthalate	15.274	149	3292	0.080	ng	94
63) Azobenzene	15.792	77	228	0.006	ng	# 78
66) n-Nitrosodiphenylamine	15.939	169	39630	1.132	ng	# 43

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

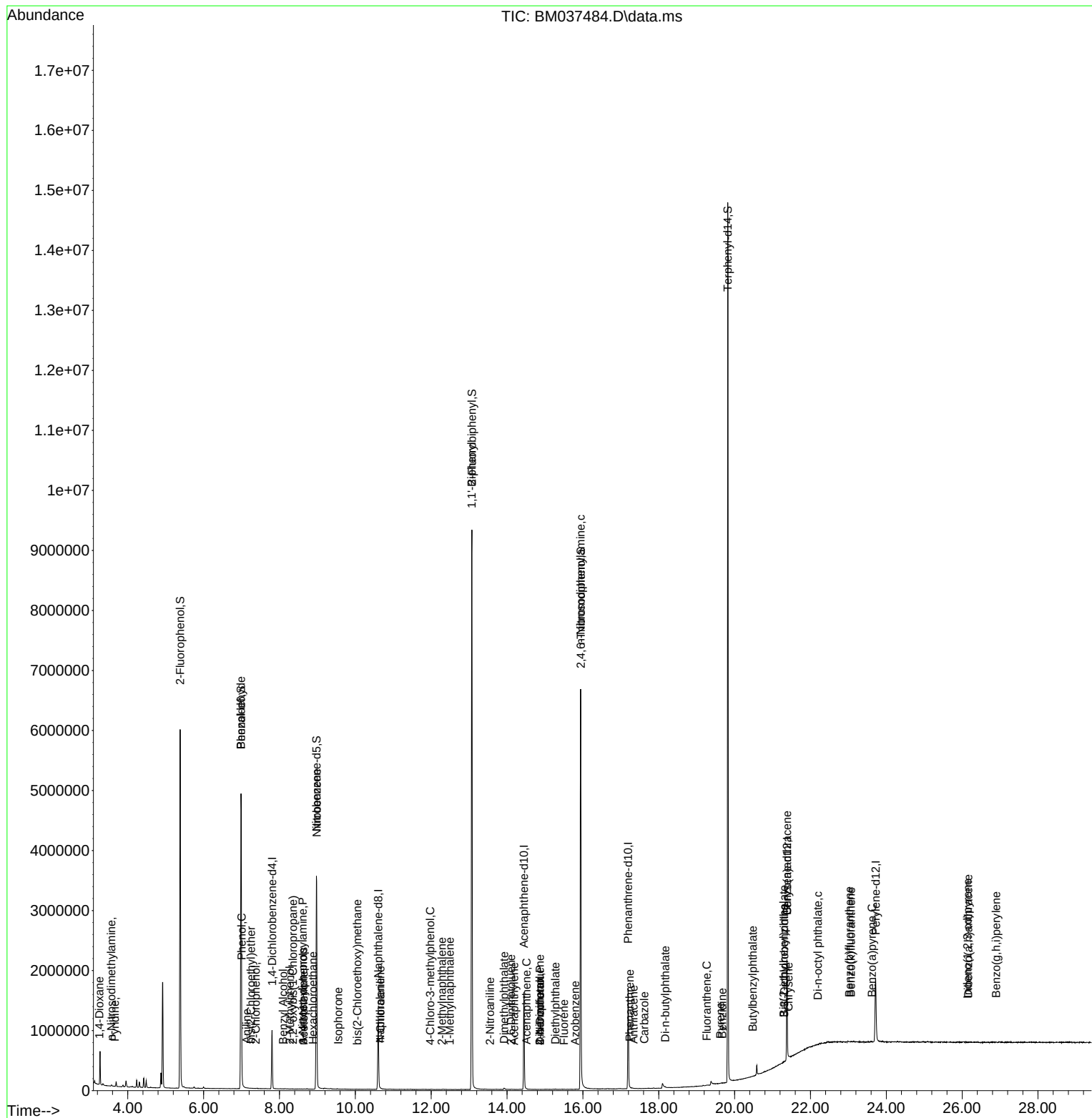
71) Phenanthrene	17.233	178	2393	0.037	ng	# 78
72) Anthracene	17.339	178	906	0.015	ng	# 16
73) Carbazole	17.621	167	63	0.001	ng	# 59
74) Di-n-butylphthalate	18.168	149	7562	0.123	ng	# 89
75) Fluoranthene	19.262	202	1481	0.022	ng	# 71
77) Benzidine	19.674	184	72	0.006	ng	# 68
78) Pyrene	19.621	202	1730	0.026	ng	# 78
80) Butylbenzylphthalate	20.480	149	291	0.012	ng	# 87
81) Benzo(a)anthracene	21.380	228	4015	0.066	ng	# 80
82) 3,3'-Dichlorobenzidine	21.303	252	328	0.018	ng	# 47
83) Chrysene	21.421	228	1429	0.025	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.292	149	3201	0.102	ng	# 91
85) Di-n-octyl phthalate	22.192	149	419	0.008	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.144	276	1696	0.025	ng	# 1
88) Benzo(b)fluoranthene	23.021	252	1700	0.029	ng	# 1
89) Benzo(k)fluoranthene	23.068	252	1354	0.023	ng	# 1
90) Benzo(a)pyrene	23.621	252	915	0.019	ng	# 1
91) Dibenzo(a,h)anthracene	26.162	278	1255	0.022	ng	# 14
92) Benzo(g,h,i)perylene	26.897	276	4117	0.074	ng	# 90

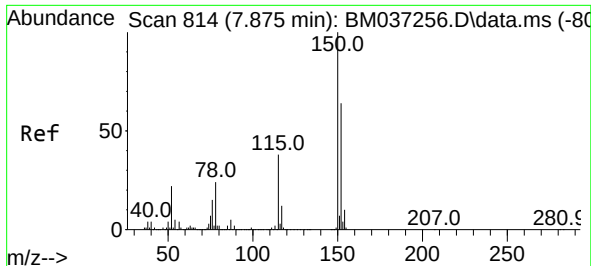
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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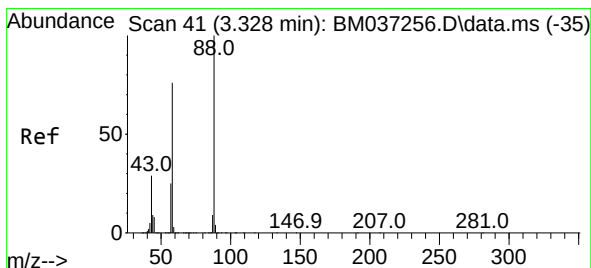
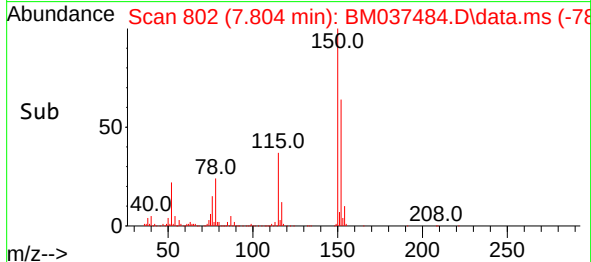
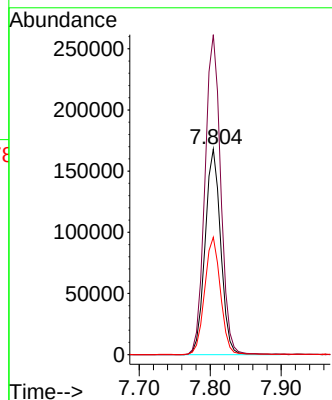
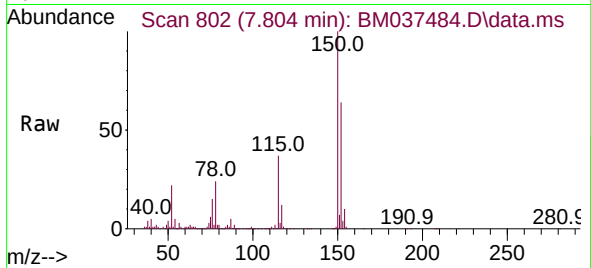




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

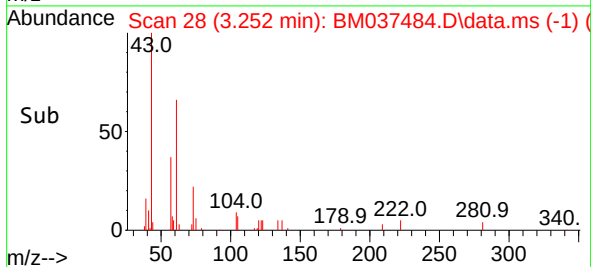
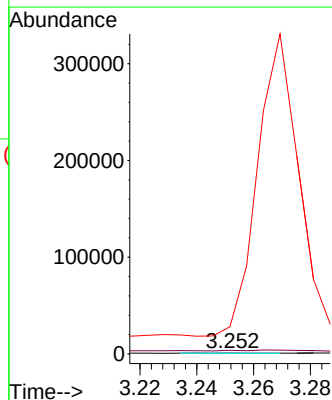
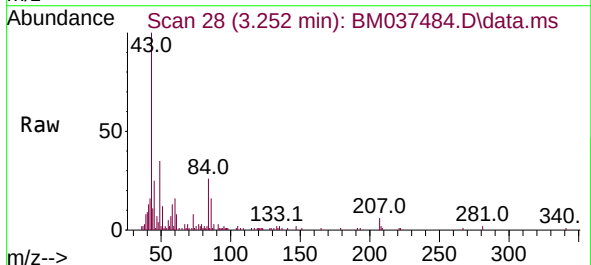
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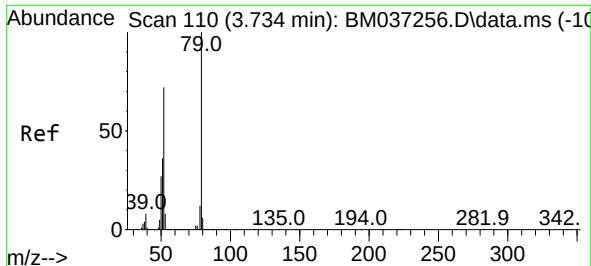
Tgt Ion:152 Resp: 255026
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 57.1 47.0 70.4



#2
1,4-Dioxane
Concen: 0.037 ng
RT: 3.252 min Scan# 28
Delta R.T. 0.000 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion: 88 Resp: 226
Ion Ratio Lower Upper
88 100
58 641.6 63.5 95.3#
43 142633.2 24.2 36.4#

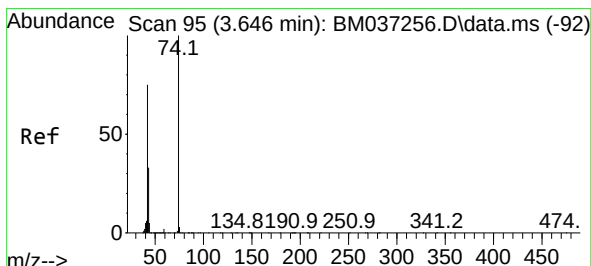
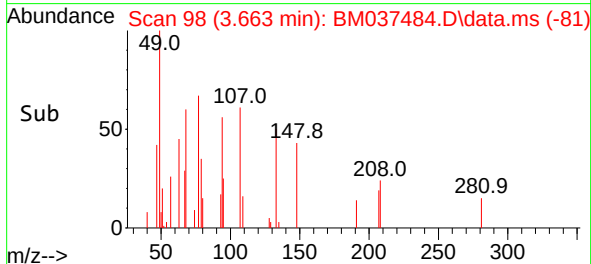
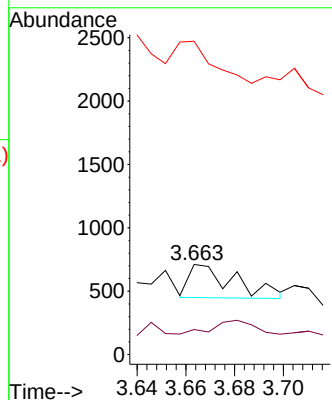
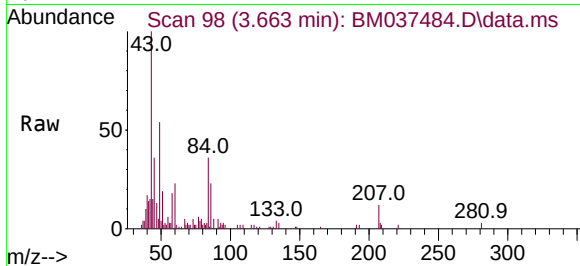




#3
Pyridine
Concen: 0.019 ng
RT: 3.663 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

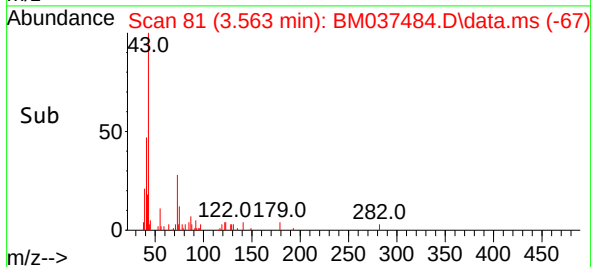
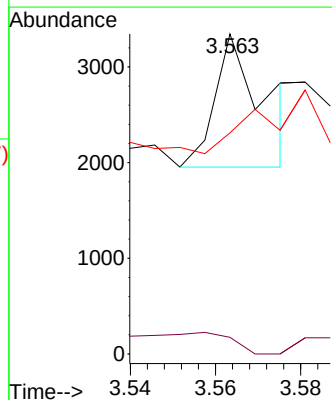
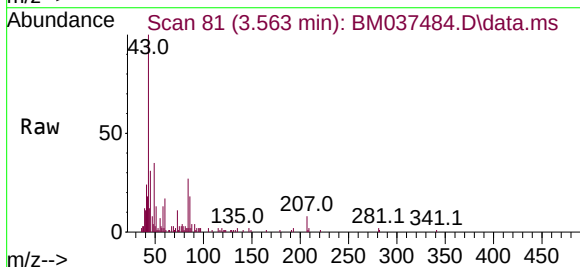
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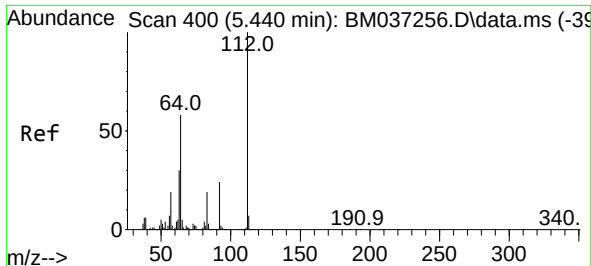
Tgt Ion: 79 Resp: 342
Ion Ratio Lower Upper
79 100
52 27.7 57.8 86.6#
51 347.8 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.141 ng
RT: 3.563 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion: 42 Resp: 1113
Ion Ratio Lower Upper
42 100
74 5.2 106.2 159.2#
44 69.1 5.4 8.0#

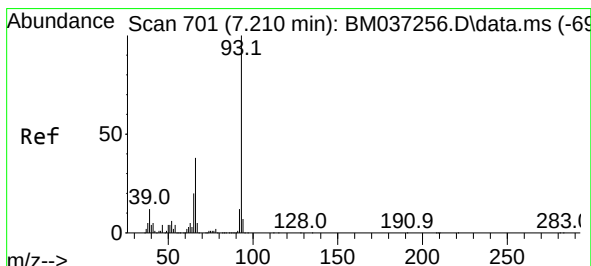
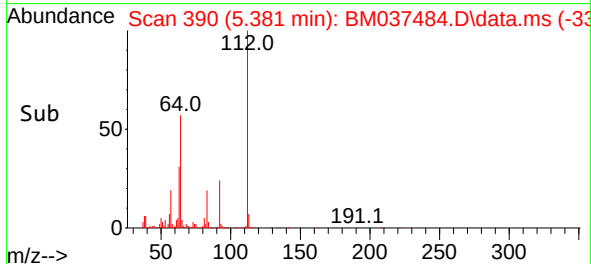
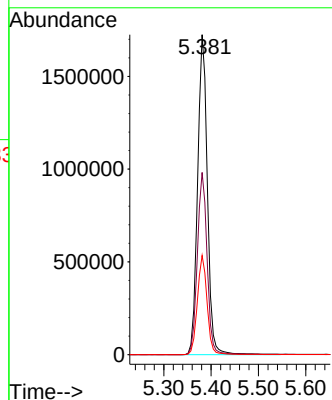
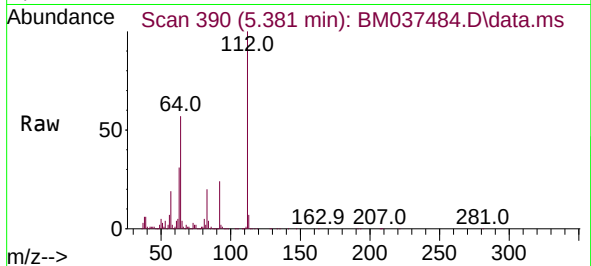




#5
2-Fluorophenol
Concen: 167.450 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

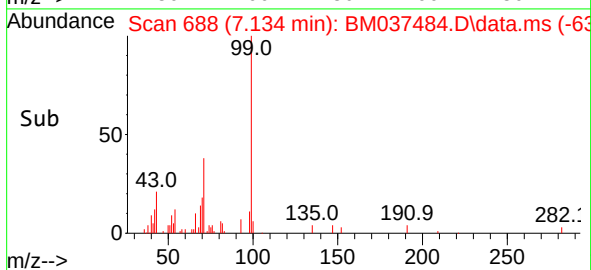
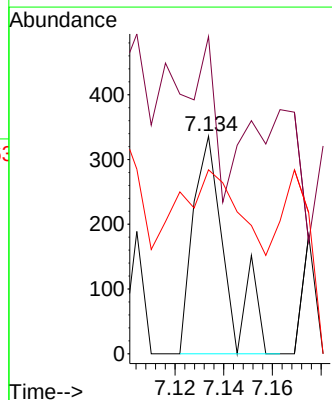
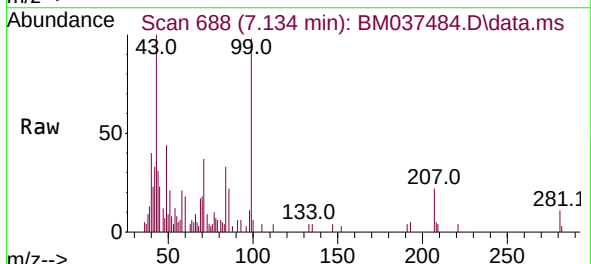
Instrument :
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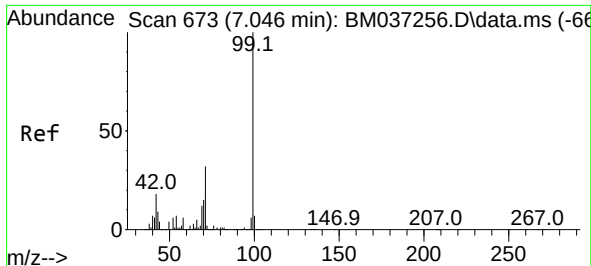
Tgt Ion:112 Resp: 2471822
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 31.0 24.4 36.6



#6
Aniline
Concen: 0.013 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.012 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion: 93 Resp: 314
Ion Ratio Lower Upper
93 100
66 145.8 30.4 45.6#
65 84.5 16.2 24.2#

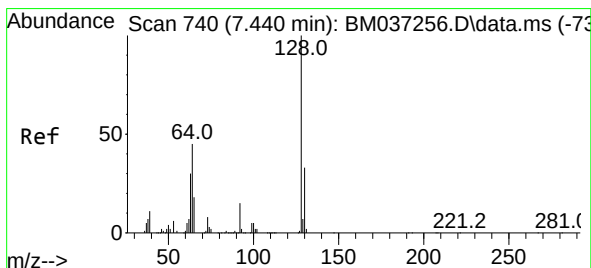
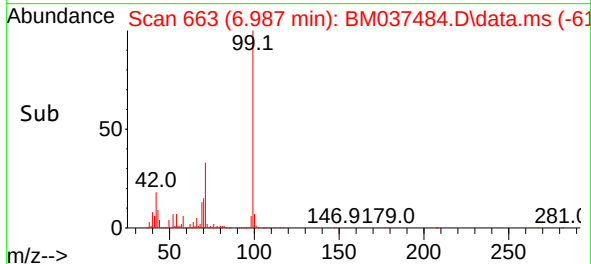
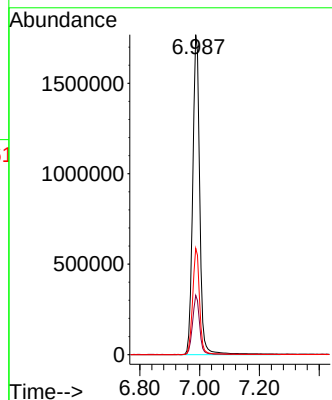
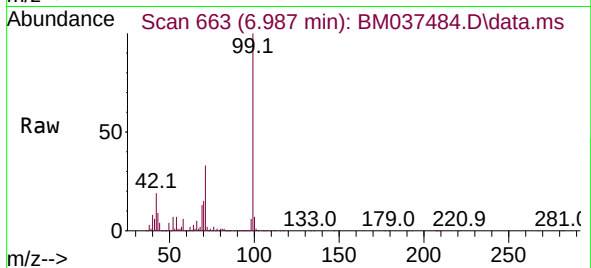




#7
Phenol-d6
Concen: 144.071 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

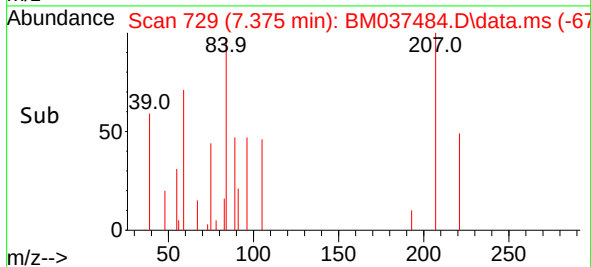
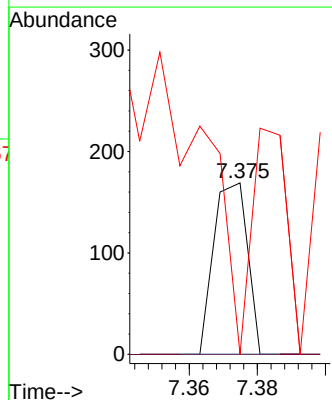
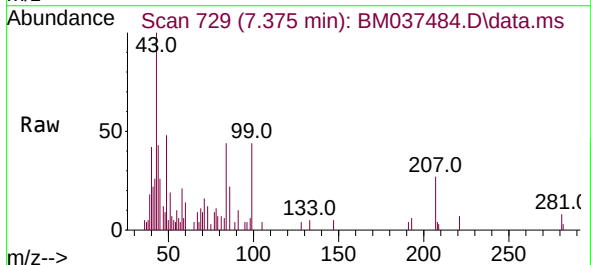
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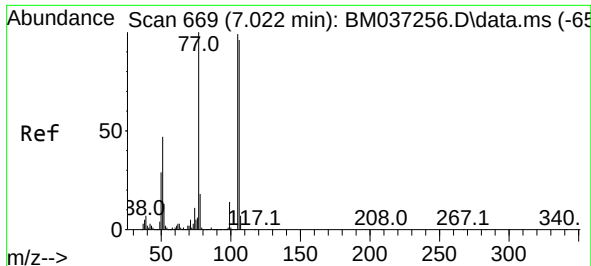
Tgt Ion: 99 Resp: 2886394
Ion Ratio Lower Upper
99 100
42 18.5 14.8 22.2
71 33.2 25.6 38.4



#8
2-Chlorophenol
Concen: 0.006 ng
RT: 7.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion: 128 Resp: 116
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 0.0 26.4 66.4#

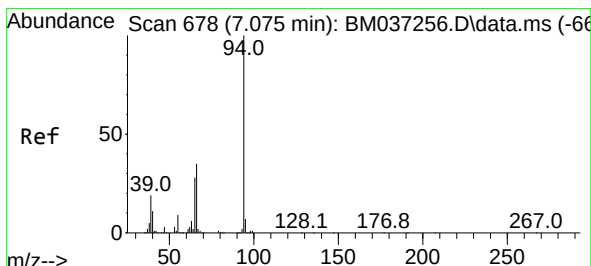
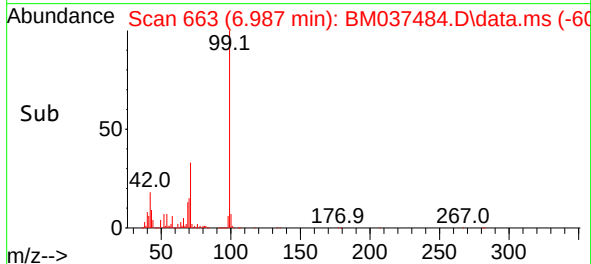
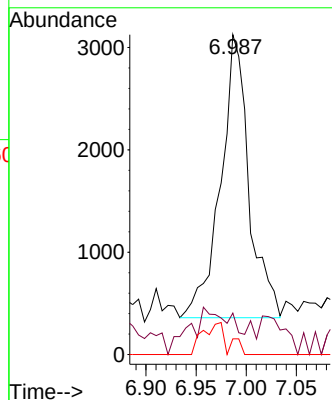
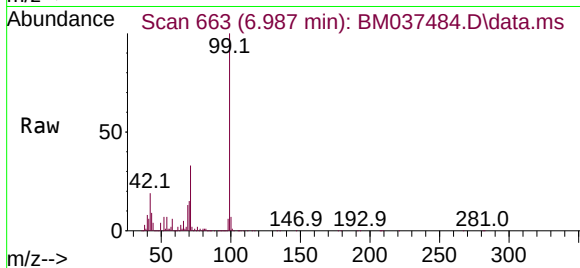




#9
Benzaldehyde
Concen: 0.537 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.030 min
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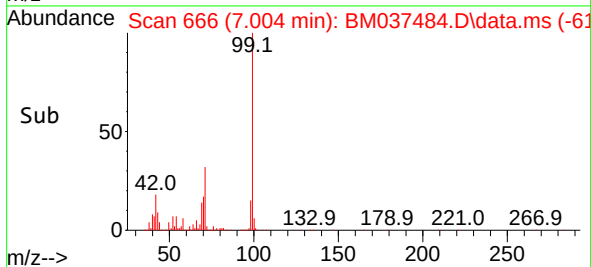
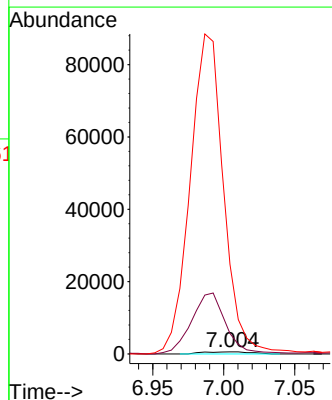
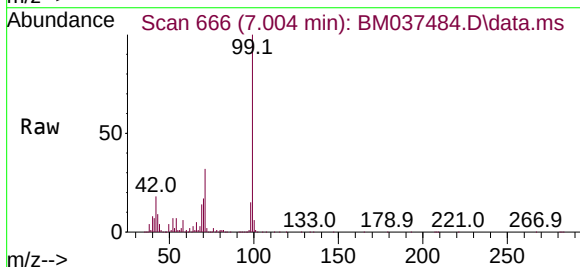
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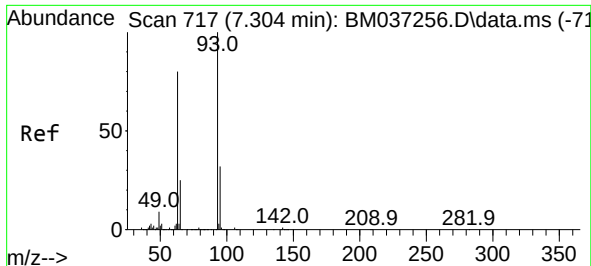
Tgt Ion: 77 Resp: 5441
Ion Ratio Lower Upper
77 100
105 13.0 78.6 118.6#
106 4.9 75.8 115.8#



#10
Phenol
Concen: 0.059 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.012 min
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Tgt Ion: 94 Resp: 1330
Ion Ratio Lower Upper
94 100
65 995.8 8.1 48.1#
66 4358.5 15.5 55.5#

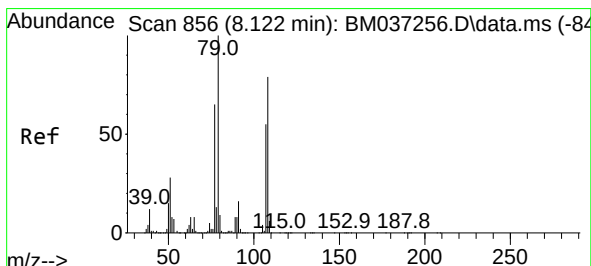
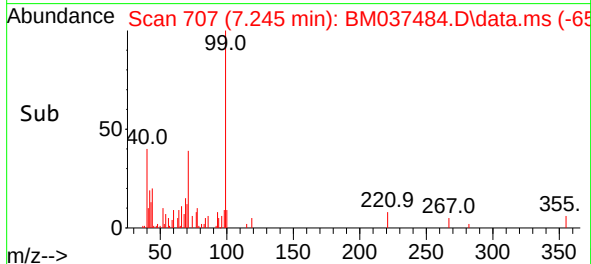
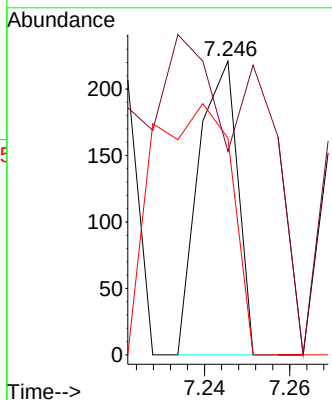
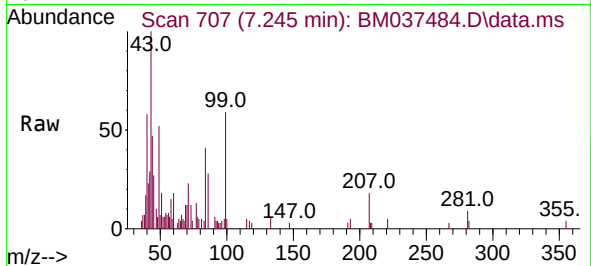




#11
bis(2-Chloroethyl)ether
Concen: 0.008 ng
RT: 7.245 min Scan# 70
Delta R.T. 0.006 min
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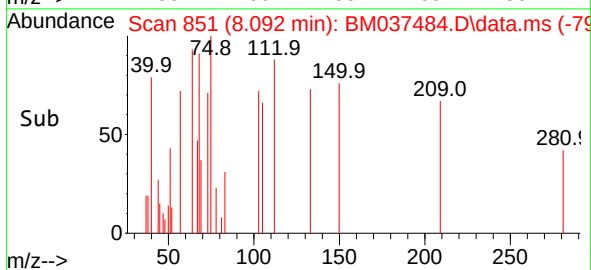
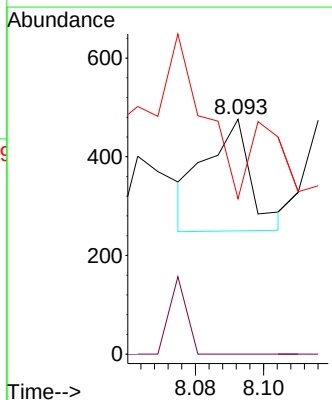
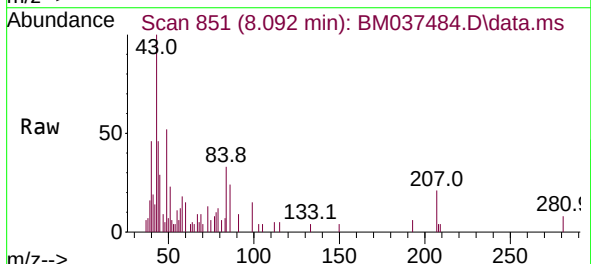
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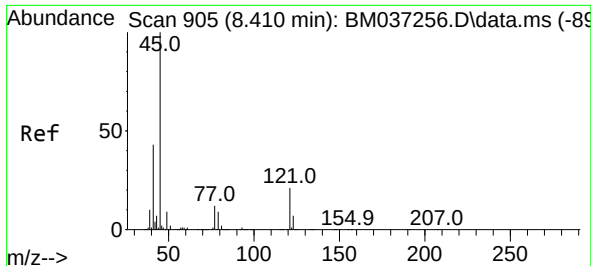
Tgt Ion: 93 Resp: 140
Ion Ratio Lower Upper
93 100
63 69.2 59.3 99.3
95 73.8 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.015 ng
RT: 8.092 min Scan# 851
Delta R.T. 0.030 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion: 79 Resp: 209
Ion Ratio Lower Upper
79 100
108 0.0 63.1 94.7#
77 66.2 51.7 77.5

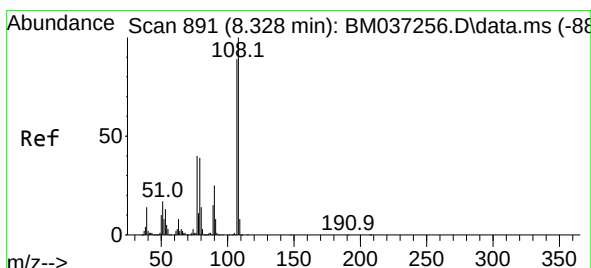
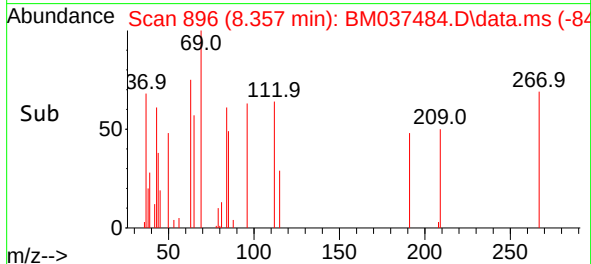
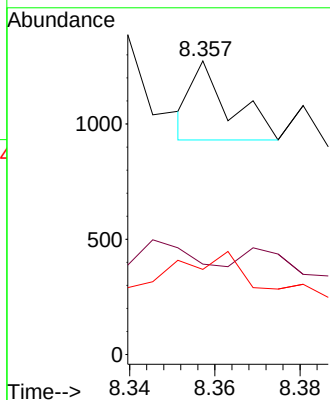
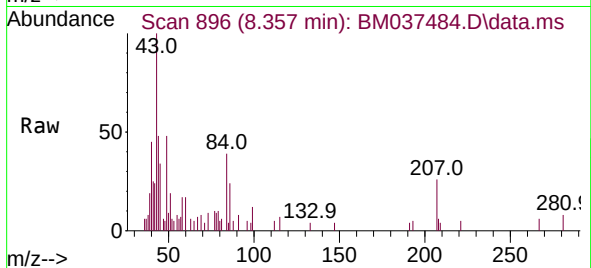




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.008 ng
RT: 8.357 min Scan# 89
Delta R.T. 0.012 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

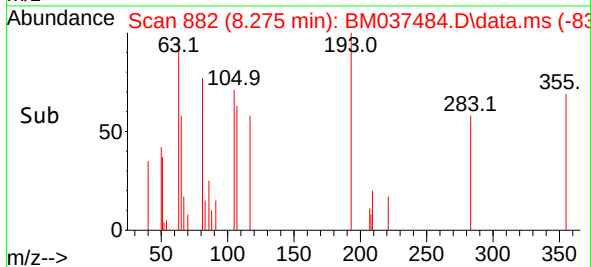
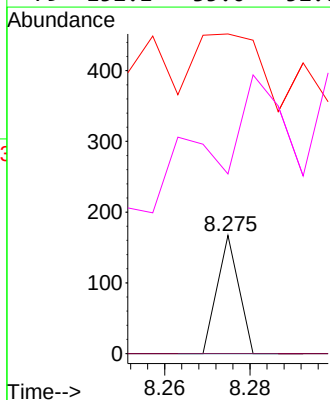
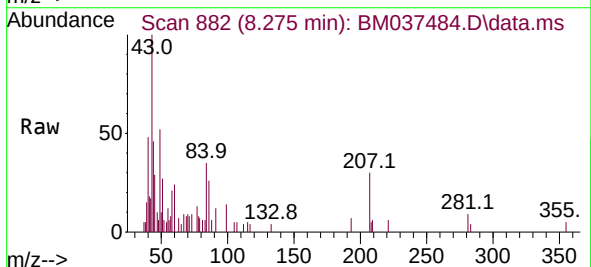
Instrument :
BNA_M
ClientSampleId :
TP-12

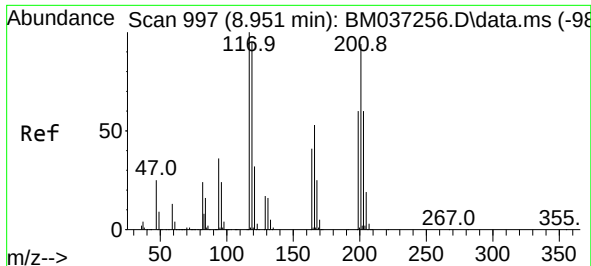
Tgt Ion:	45	Resp:	210
Ion	Ratio	Lower	Upper
45	100		
77	30.8	0.0	34.0
79	29.0	0.0	30.6



#17
2-Methylphenol
Concen: 0.004 ng
RT: 8.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:	107	Resp:	59
Ion	Ratio	Lower	Upper
107	100		
108	0.0	89.5	134.3#
77	270.7	36.2	54.2#
79	152.1	35.0	52.6#

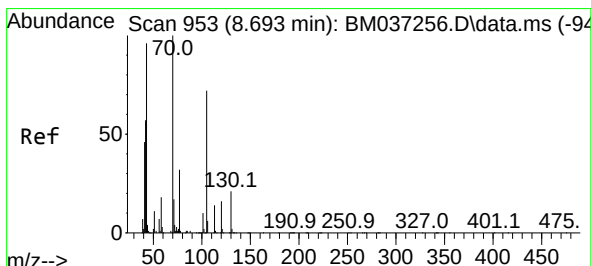
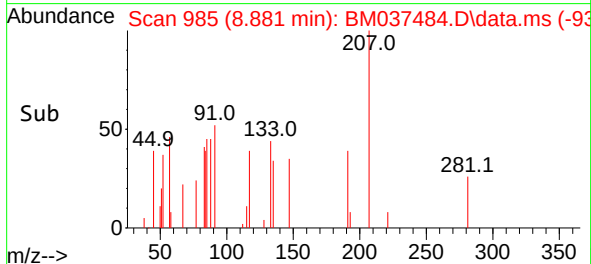
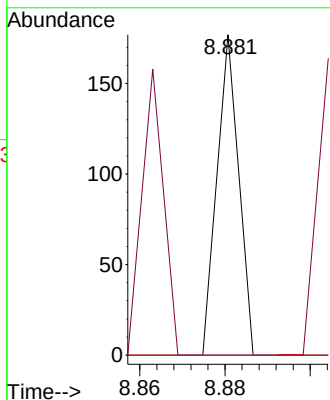
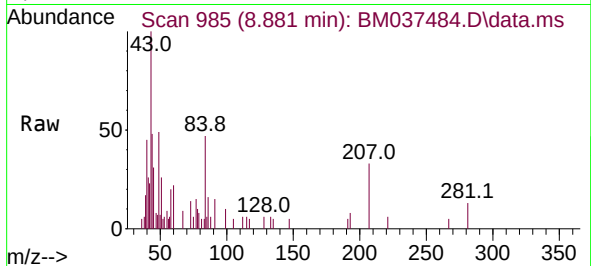




#18
Hexachloroethane
Concen: 0.009 ng
RT: 8.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

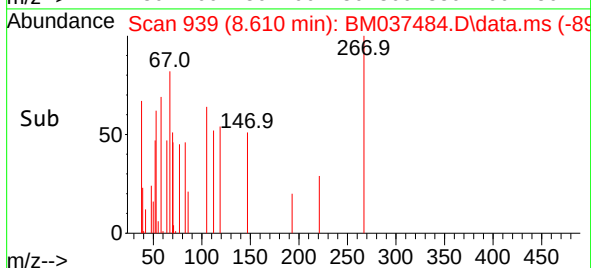
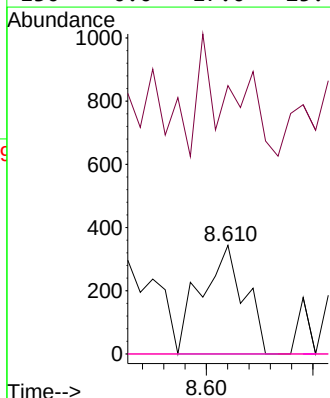
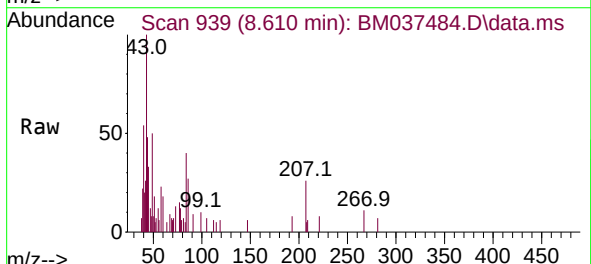
Instrument :
BNA_M
ClientSampleId :
TP-12

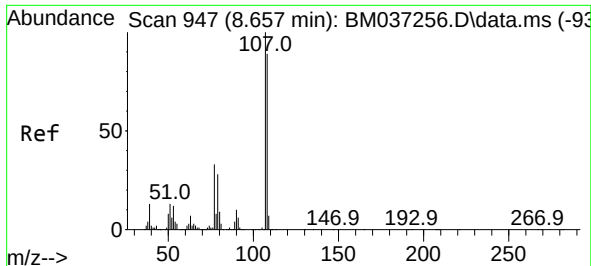
Tgt Ion: 117 Resp: 62
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.108 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.018 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion: 70 Resp: 482
Ion Ratio Lower Upper
70 100
42 246.8 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

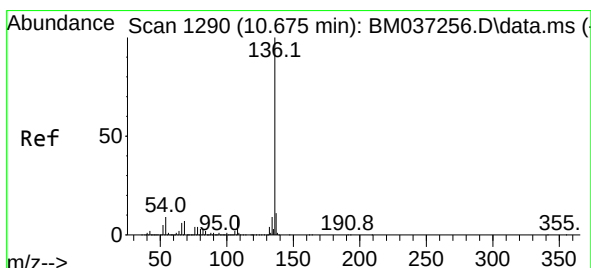
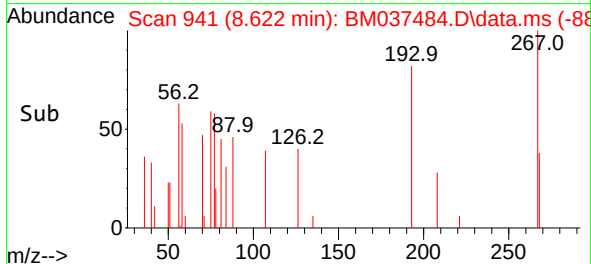
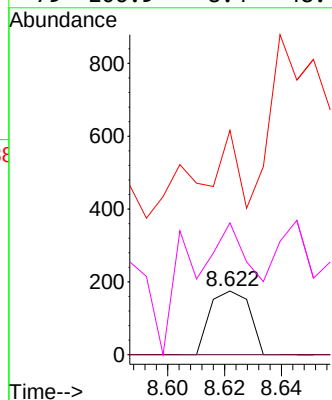
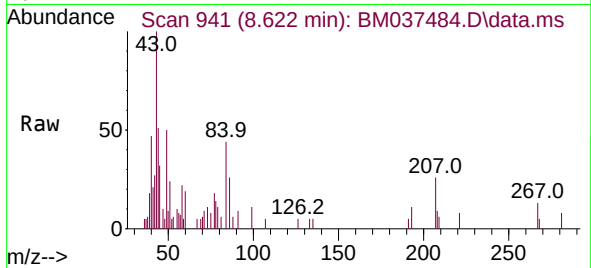




#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 8.622 min Scan# 94
Delta R.T. 0.024 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

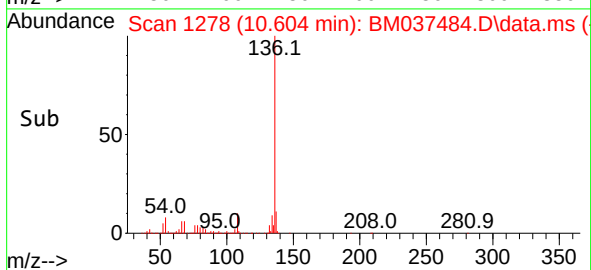
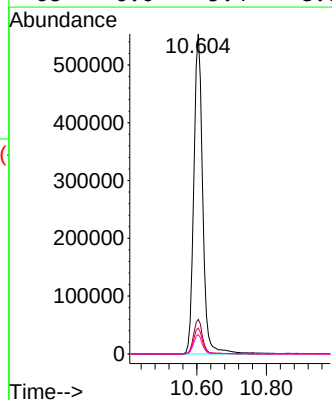
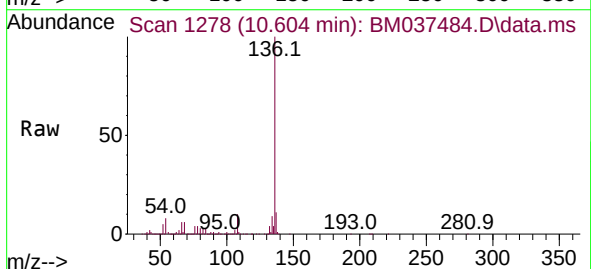
Instrument :
BNA_M
ClientSampleId :
TP-12

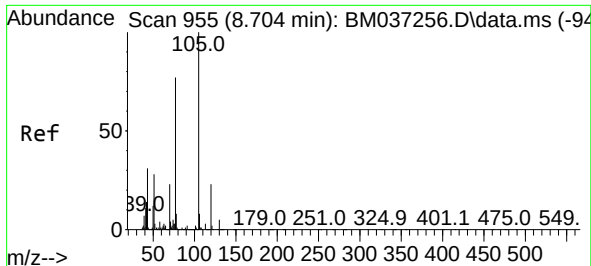
Tgt Ion:107 Resp: 169
Ion Ratio Lower Upper
107 100
108 0.0 69.4 109.4#
77 352.0 12.8 52.8#
79 206.9 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:136 Resp: 978948
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.1 7.0 10.4
68 6.0 5.4 8.0

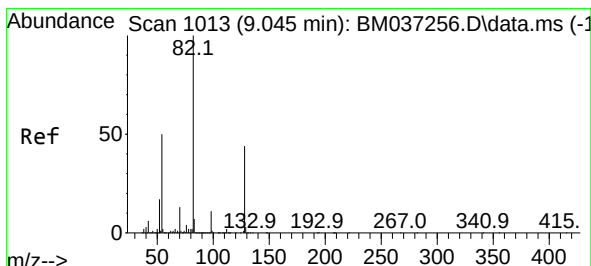
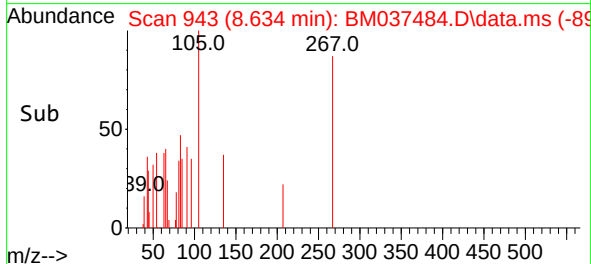
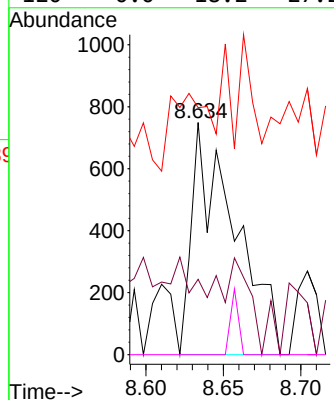
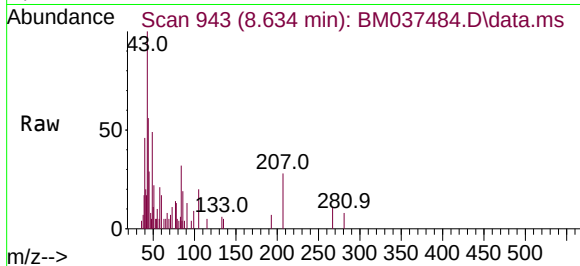




#22
Acetophenone
Concen: 0.057 ng
RT: 8.634 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

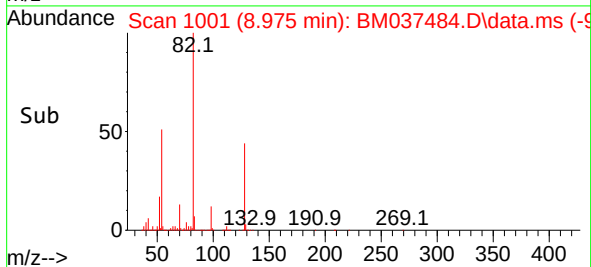
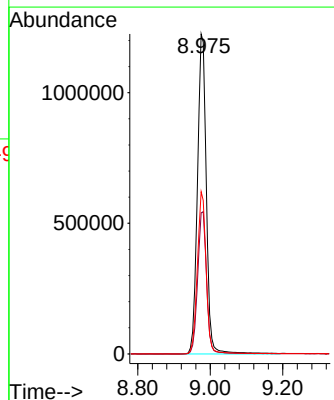
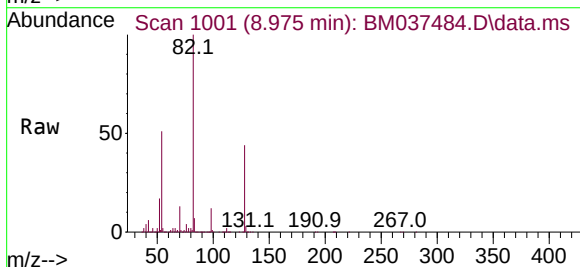
Instrument :
BNA_M
ClientSampleId :
TP-12

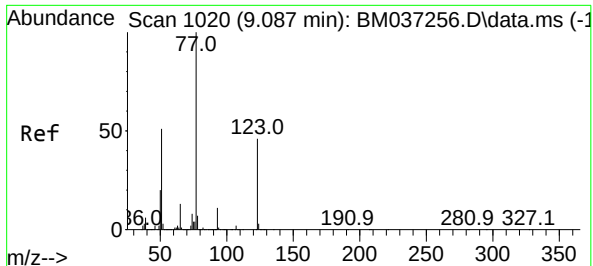
Tgt Ion:	105	Resp:	1440
Ion	Ratio	Lower	Upper
105	100		
71	32.4	3.0	4.4#
51	106.4	22.1	33.1#
120	0.0	18.2	27.2#



#23
Nitrobenzene-d5
Concen: 107.314 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:	82	Resp:	2082240
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.2	52.8
54	50.7	40.4	60.6

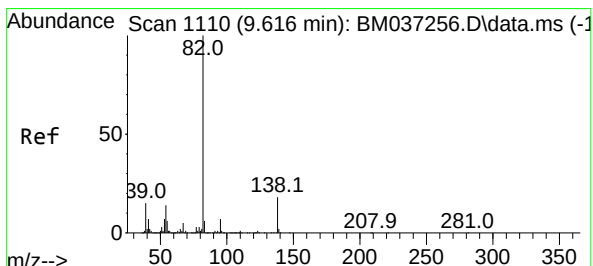
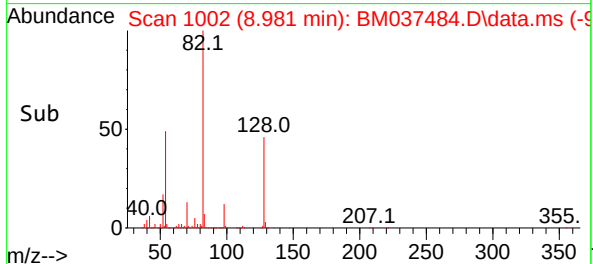
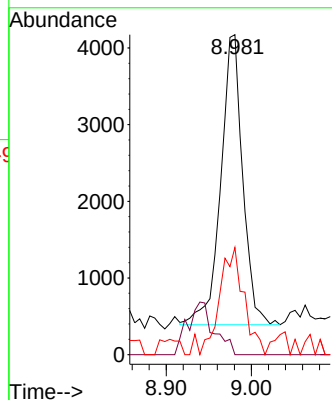
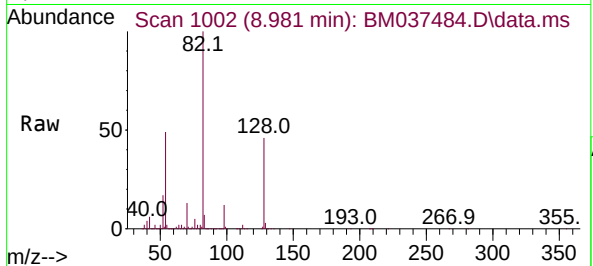




#24
Nitrobenzene
Concen: 0.345 ng
RT: 8.981 min Scan# 1099
Delta R.T. -0.041 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

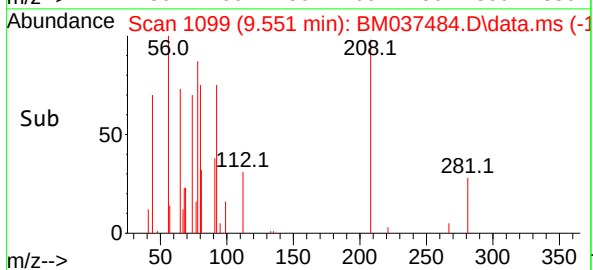
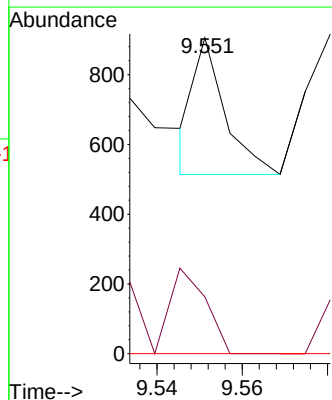
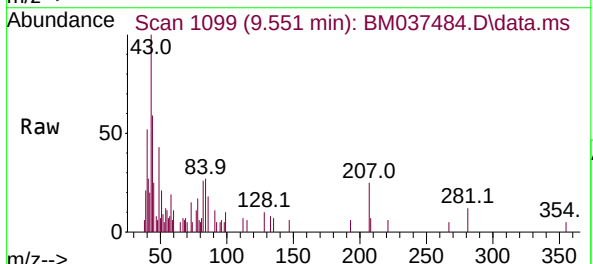
Instrument :
BNA_M
ClientSampleId :
TP-12

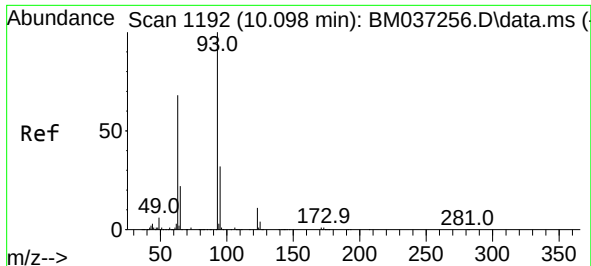
Tgt Ion: 77 Resp: 6784
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 33.5 10.6 16.0#



#25
Isophorone
Concen: 0.006 ng
RT: 9.551 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion: 82 Resp: 198
Ion Ratio Lower Upper
82 100
95 18.0 5.4 8.0#
138 0.0 14.2 21.4#





#28

bis(2-Chloroethoxy)methane

Concen: 0.003 ng

RT: 10.051 min Scan# 11

Delta R.T. 0.018 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

Instrument :

BNA_M

ClientSampleId :

TP-12

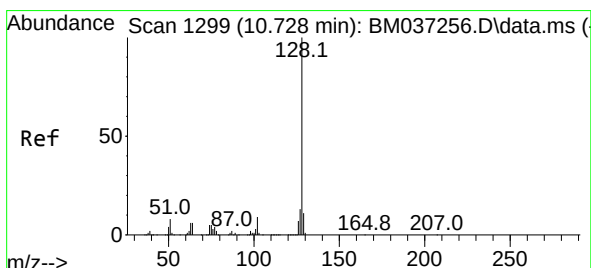
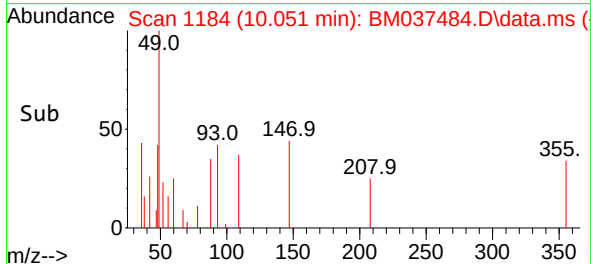
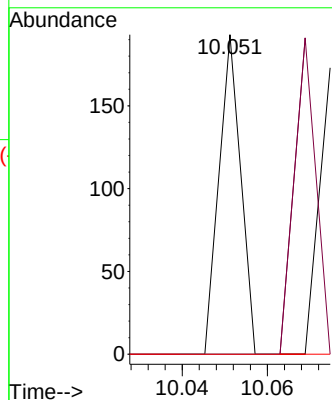
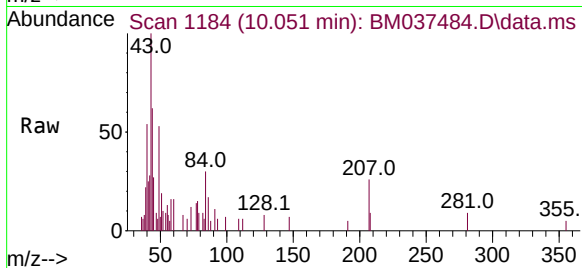
Tgt Ion: 93 Resp: 68

Ion Ratio Lower Upper

93 100

95 0.0 25.8 38.8#

123 0.0 9.3 13.9#



#31

Naphthalene

Concen: 0.182 ng

RT: 10.651 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

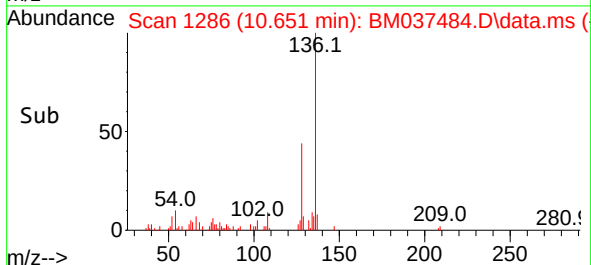
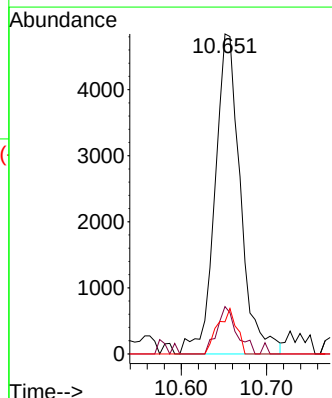
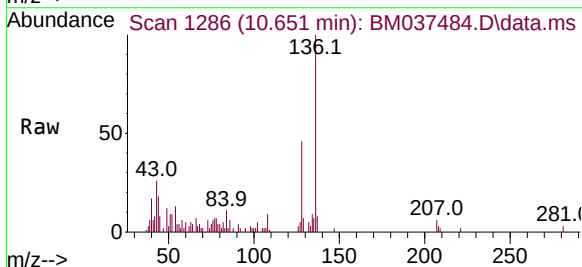
Tgt Ion:128 Resp: 10068

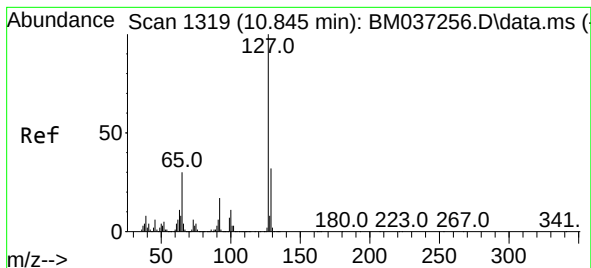
Ion Ratio Lower Upper

128 100

129 14.8 8.7 13.1#

127 10.0 10.2 15.2#

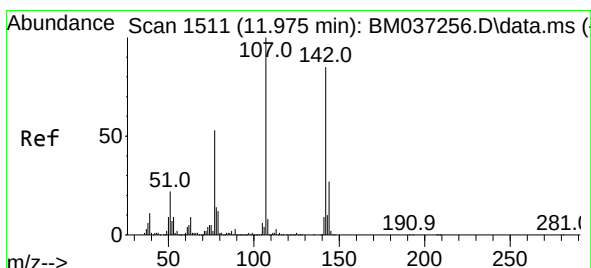
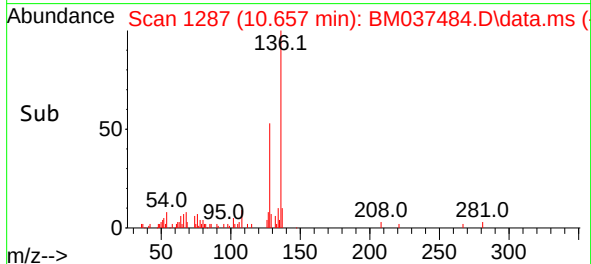
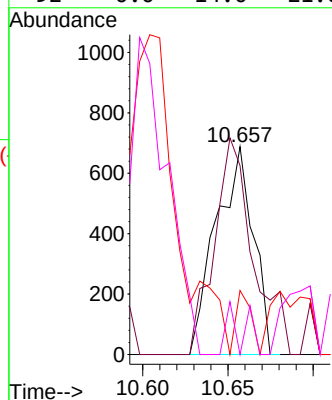
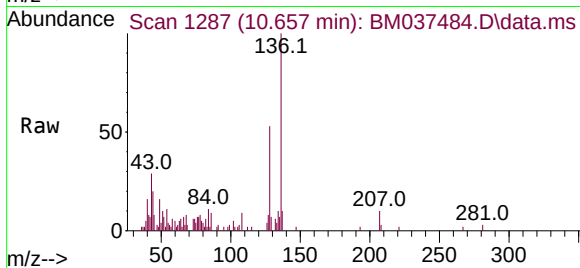




#33
4-Chloroaniline
Concen: 0.047 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.129 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

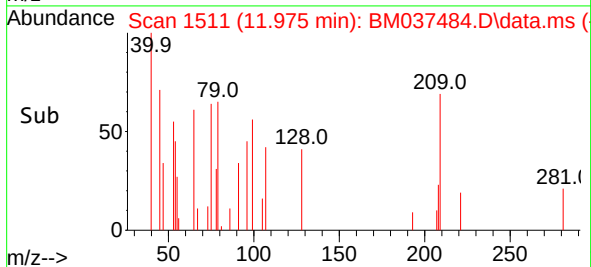
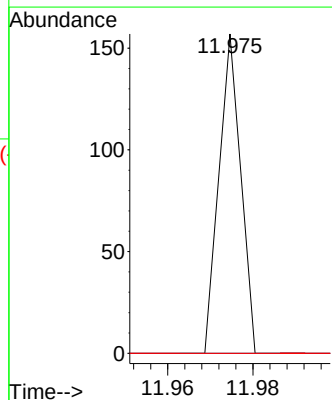
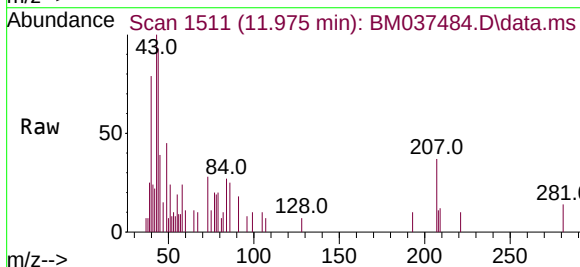
Instrument :
BNA_M
ClientSampleId :
TP-12

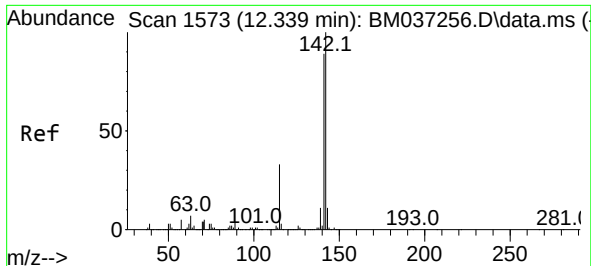
Tgt Ion:127	Resp:	1044
Ion	Ratio	Lower Upper
127	100	
129	90.8	25.5 38.3#
65	30.8	24.0 36.0
92	0.0	14.0 21.0#



#36
4-Chloro-3-methylphenol
Concen: 0.004 ng
RT: 11.975 min Scan# 1511
Delta R.T. 0.053 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:107	Resp:	55
Ion	Ratio	Lower Upper
107	100	
144	0.0	21.8 32.6#
142	0.0	68.1 102.1#





#37

2-Methylnaphthalene

Concen: 0.033 ng

RT: 12.280 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

Instrument :

BNA_M

ClientSampleId :

TP-12

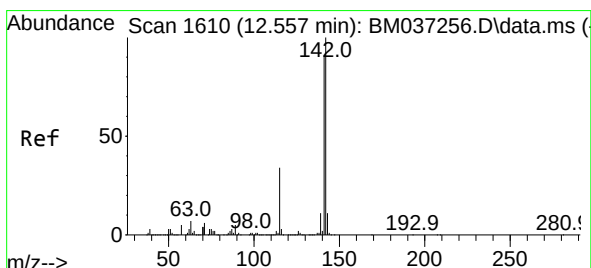
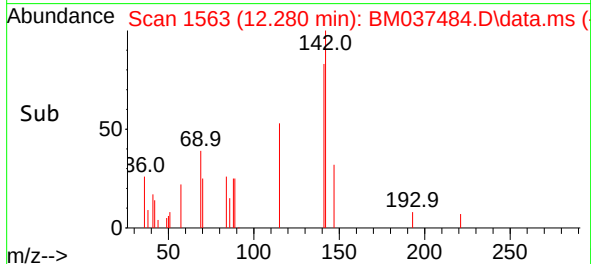
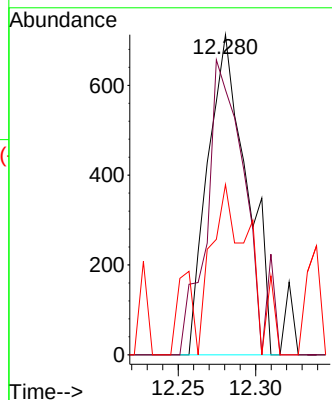
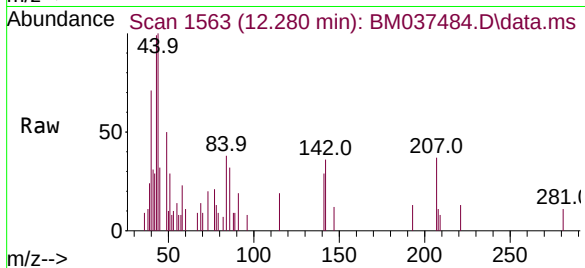
Tgt Ion:142 Resp: 1246

Ion Ratio Lower Upper

142 100

141 82.7 71.3 106.9

115 53.2 26.0 39.0#



#38

1-Methylnaphthalene

Concen: 0.030 ng

RT: 12.492 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

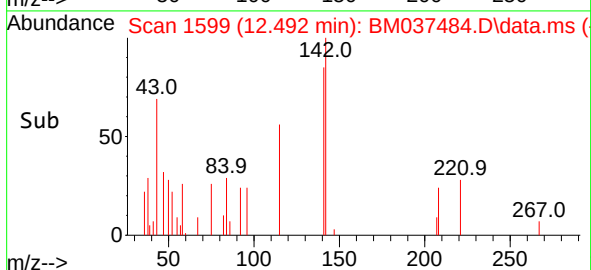
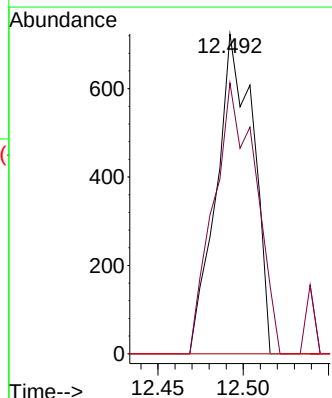
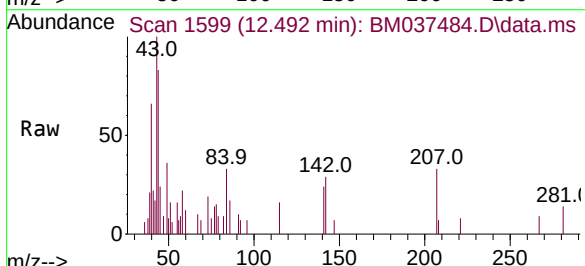
Tgt Ion:142 Resp: 1085

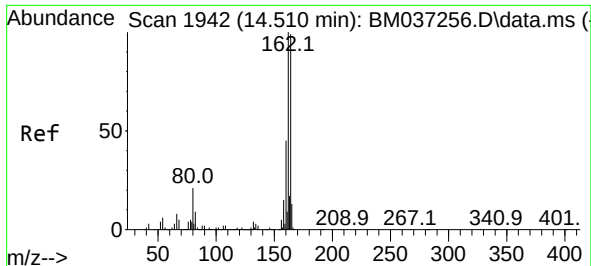
Ion Ratio Lower Upper

142 100

141 84.7 73.0 109.6

116 0.0 2.8 4.2#

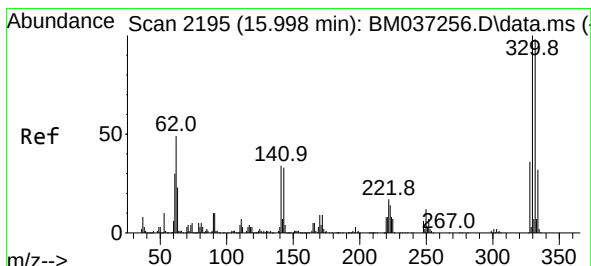
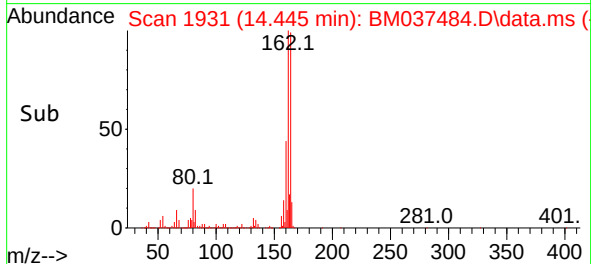
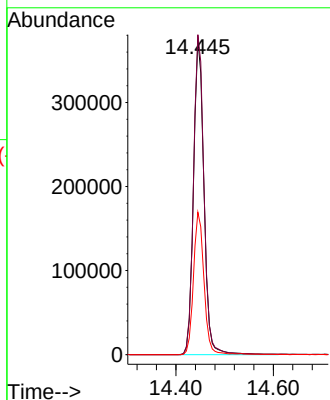
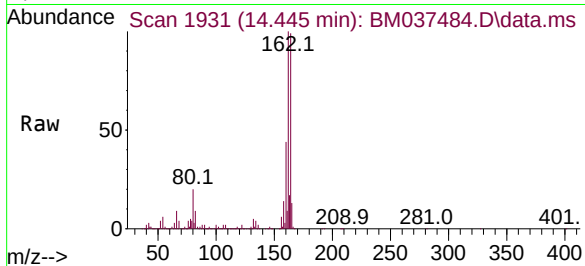




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

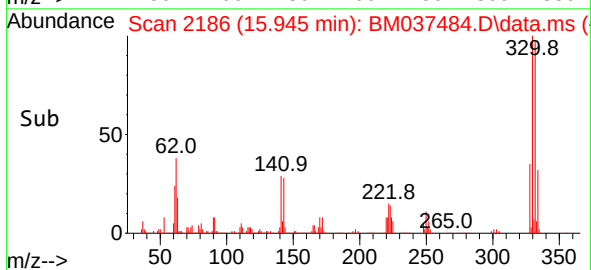
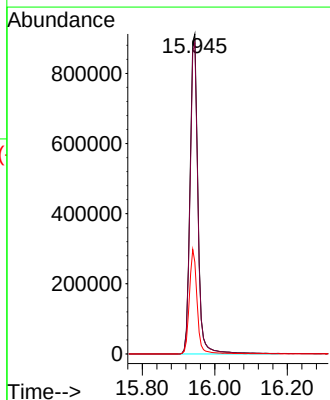
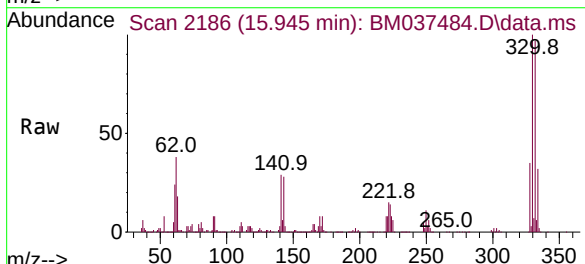
Instrument :
BNA_M
ClientSampleId :
TP-12

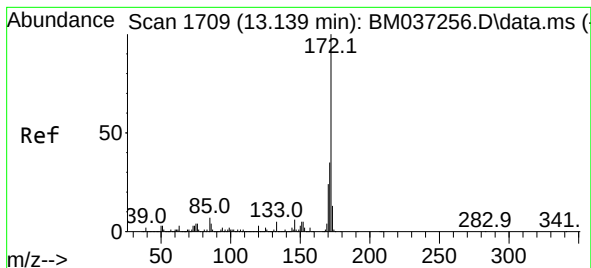
Tgt Ion:164 Resp: 555406
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 210.414 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:330 Resp: 1377217
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.0 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 111.958 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

Instrument :

BNA_M

ClientSampleId :

TP-12

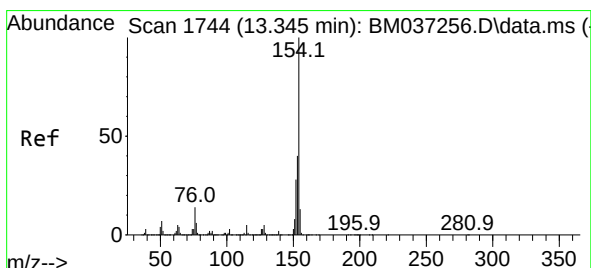
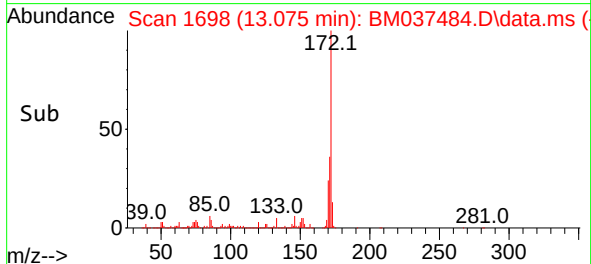
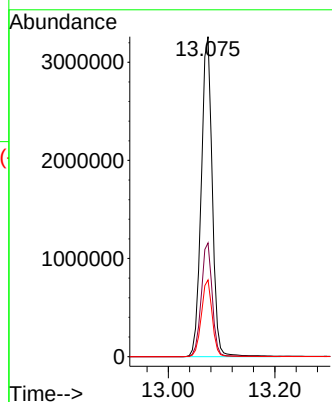
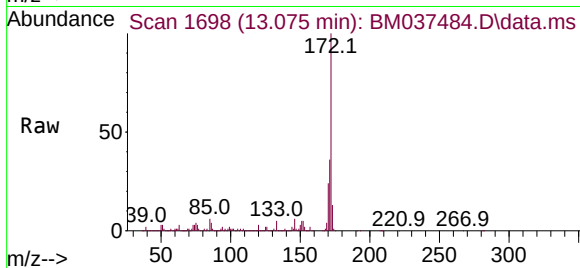
Tgt Ion:172 Resp: 4679929

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 0.195 ng

RT: 13.069 min Scan# 1697

Delta R.T. -0.218 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

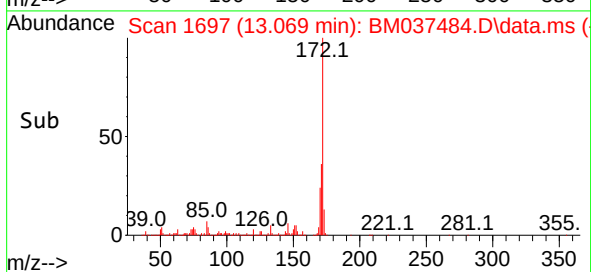
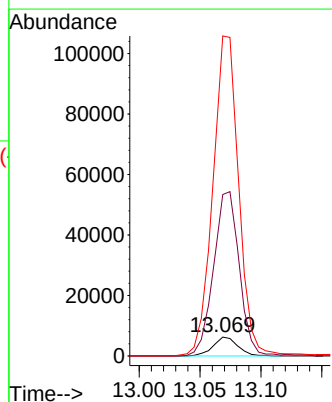
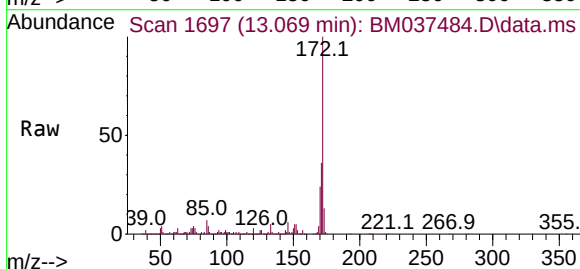
Tgt Ion:154 Resp: 8737

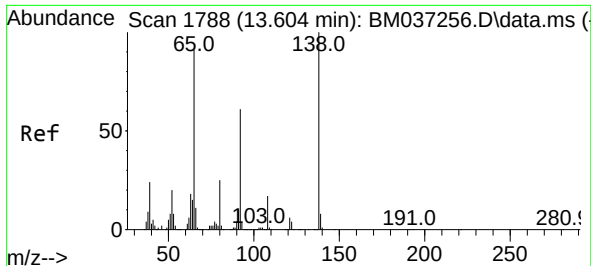
Ion Ratio Lower Upper

154 100

153 860.5 20.3 60.3#

76 1707.1 0.0 33.7#

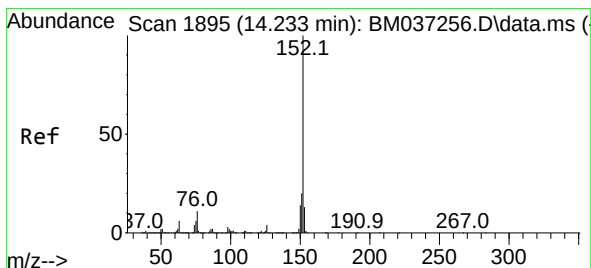
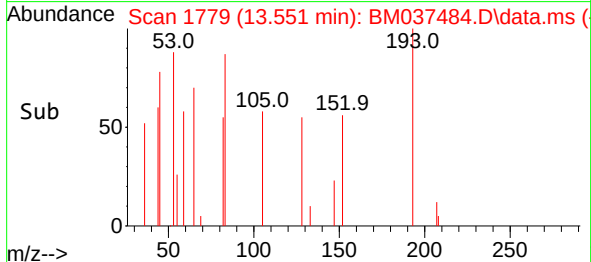
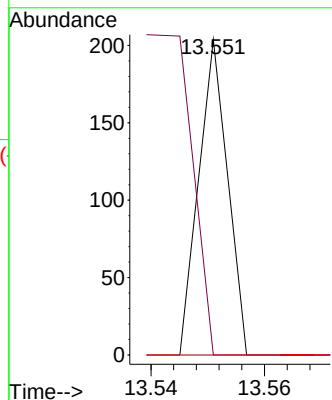
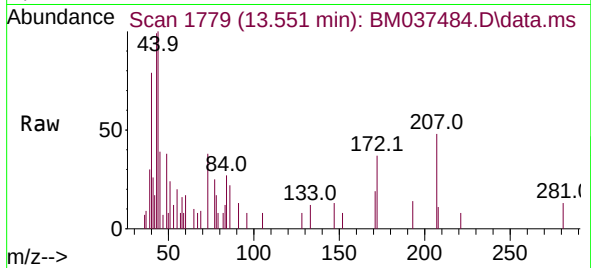




#48
2-Nitroaniline
Concen: 0.007 ng
RT: 13.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

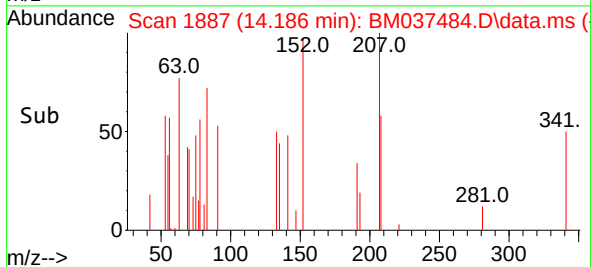
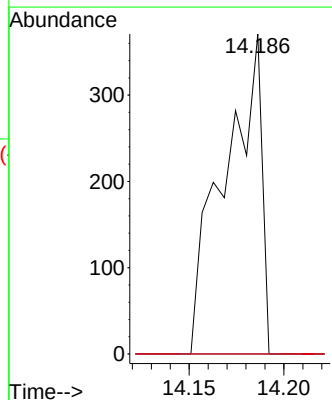
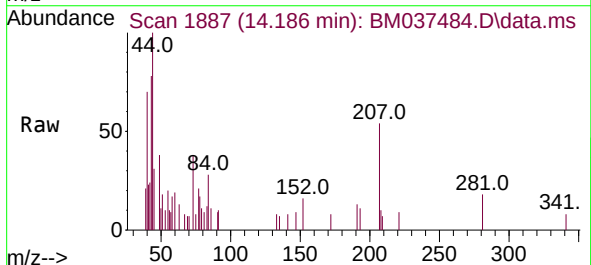
Instrument :
BNA_M
ClientSampleId :
TP-12

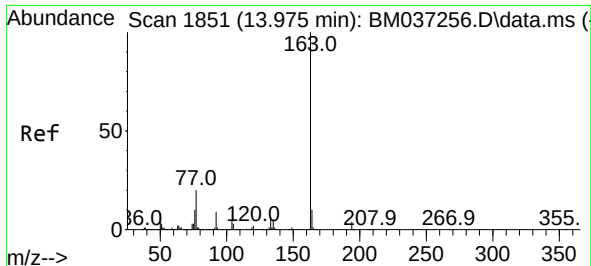
Tgt Ion: 65 Resp: 72
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 87.4 131.2#



#49
Acenaphthylene
Concen: 0.009 ng
RT: 14.186 min Scan# 1887
Delta R.T. 0.012 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion: 152 Resp: 504
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 0.0 10.6 15.8#

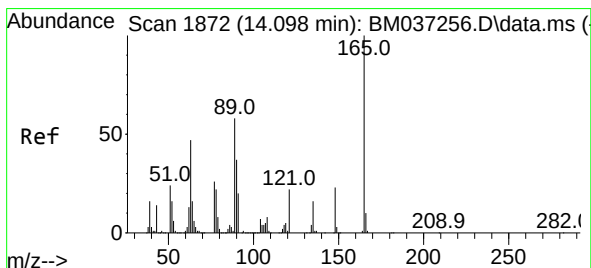
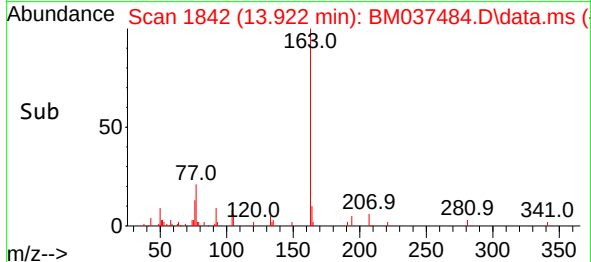
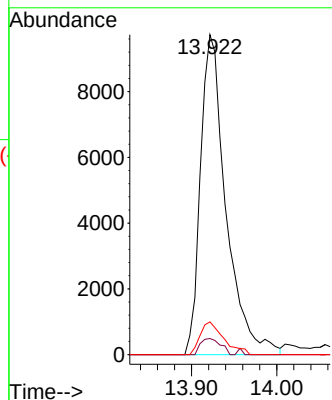
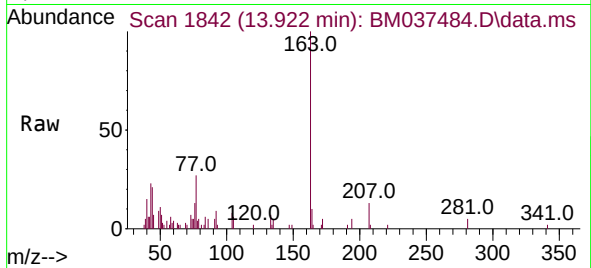




#50
Dimethylphthalate
Concen: 0.477 ng
RT: 13.922 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

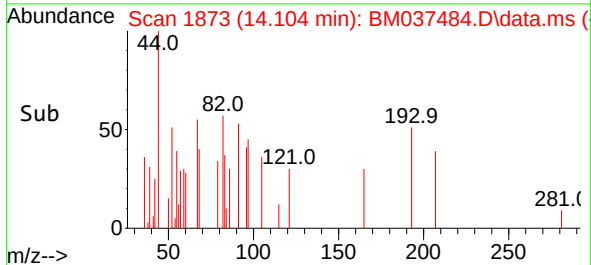
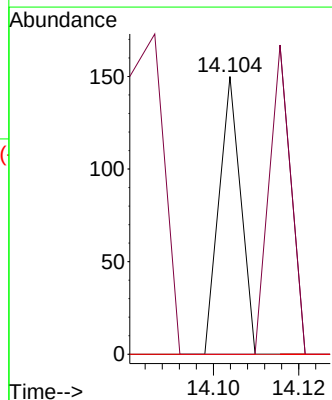
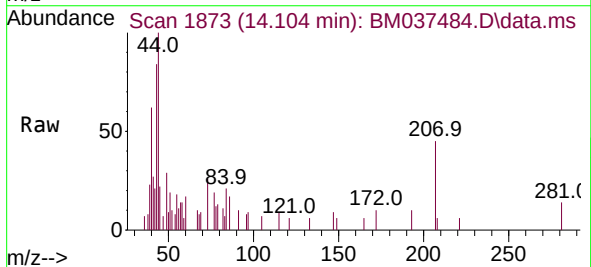
Instrument :
BNA_M
ClientSampleId :
TP-12

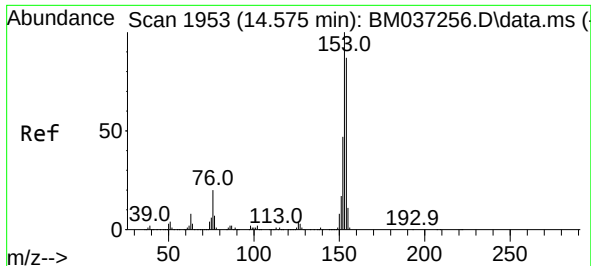
Tgt Ion:163 Resp: 20238
Ion Ratio Lower Upper
163 100
194 5.0 3.0 4.6#
164 10.2 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 0.006 ng
RT: 14.104 min Scan# 1873
Delta R.T. 0.053 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:165 Resp: 53
Ion Ratio Lower Upper
165 100
63 0.0 46.2 69.2#
89 0.0 46.6 69.8#

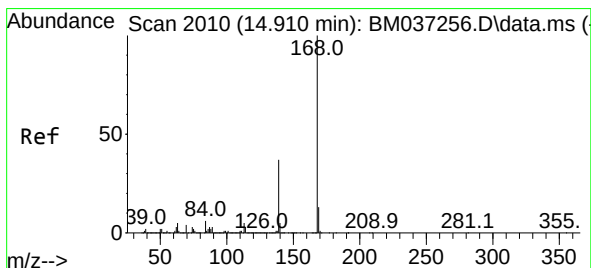
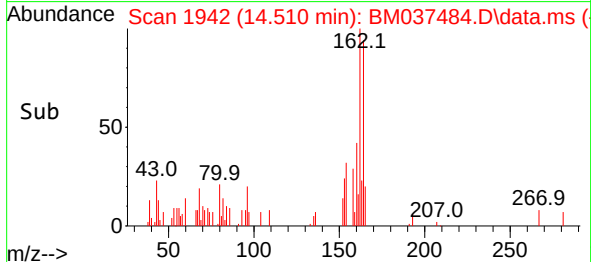
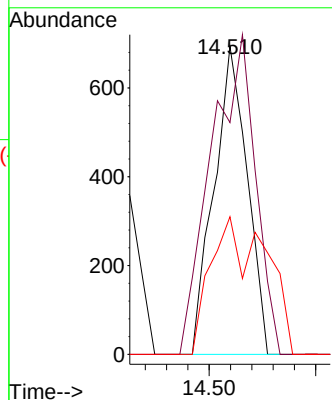
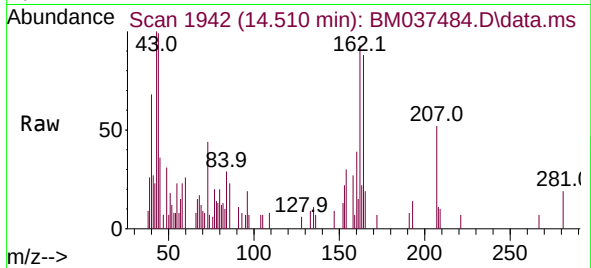




#52
Acenaphthene
Concen: 0.022 ng
RT: 14.510 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

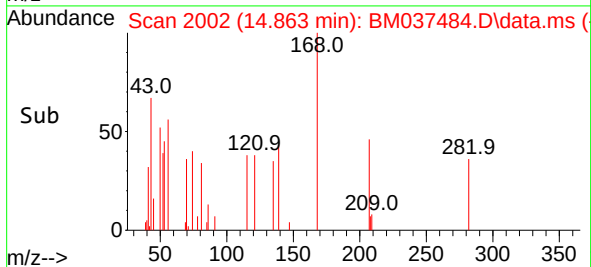
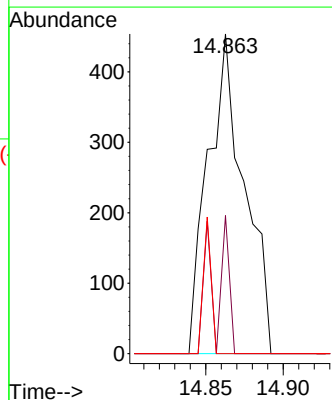
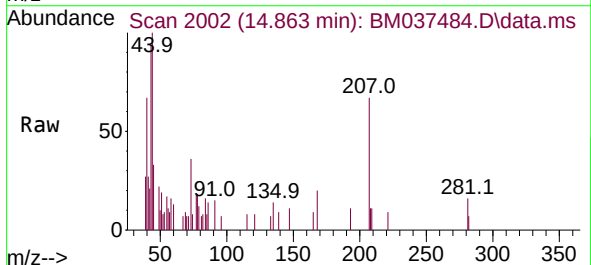
Instrument :
BNA_M
ClientSampleId :
TP-12

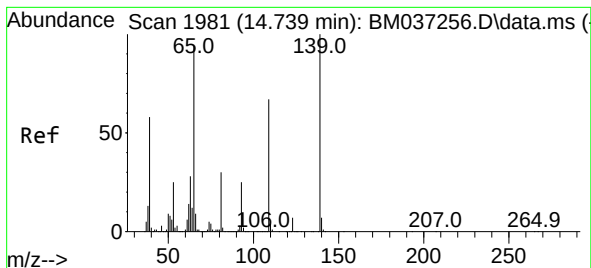
Tgt Ion:154 Resp: 749
Ion Ratio Lower Upper
154 100
153 75.2 91.5 137.3#
152 44.7 43.0 64.6



#55
Dibenzofuran
Concen: 0.014 ng
RT: 14.863 min Scan# 2002
Delta R.T. 0.012 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:168 Resp: 738
Ion Ratio Lower Upper
168 100
139 43.2 29.3 43.9
169 0.0 10.6 16.0#

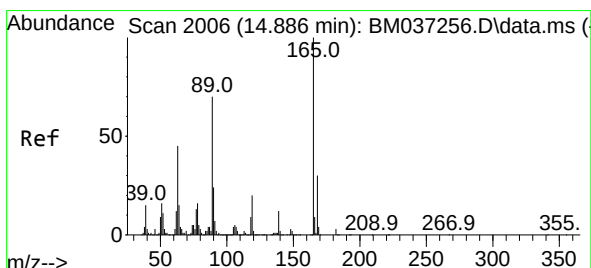
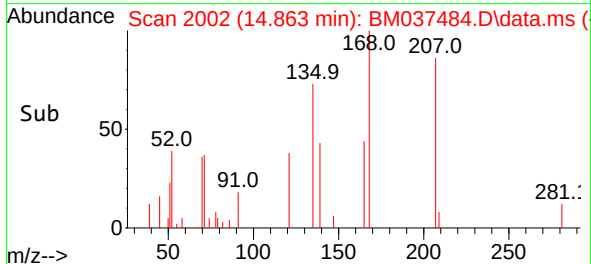
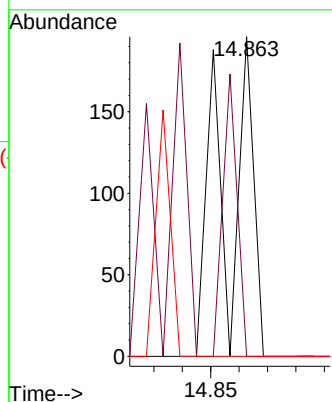
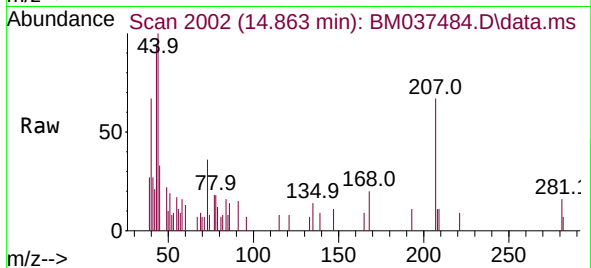




#56
4-Nitrophenol
Concen: 0.017 ng
RT: 14.863 min Scan# 2002
Delta R.T. 0.159 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

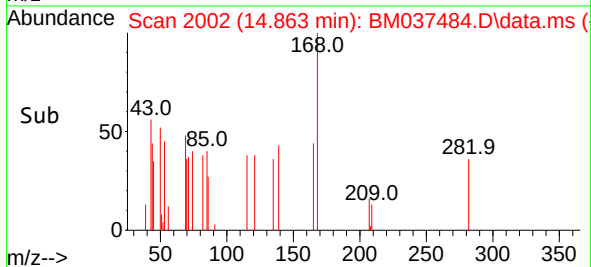
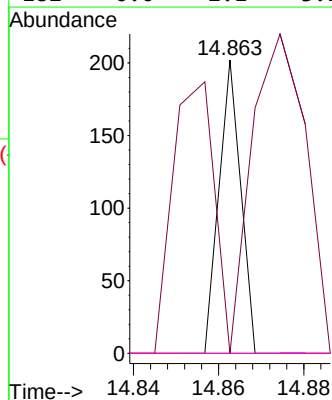
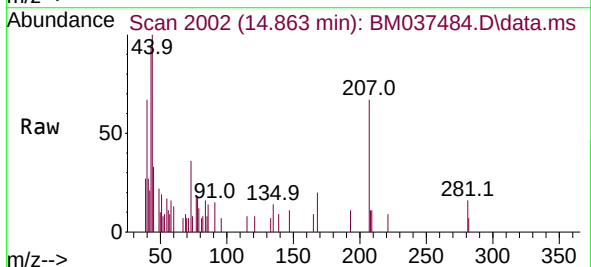
Instrument :
BNA_M
ClientSampleId :
TP-12

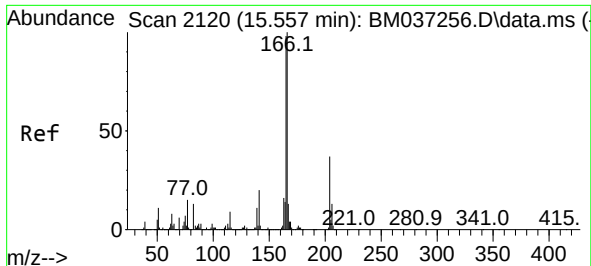
Tgt Ion:139 Resp: 136
Ion Ratio Lower Upper
139 100
109 0.0 47.4 87.4#
65 0.0 73.8 113.8#



#57
2,4-Dinitrotoluene
Concen: 0.006 ng
RT: 14.863 min Scan# 2002
Delta R.T. 0.024 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:165 Resp: 71
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#

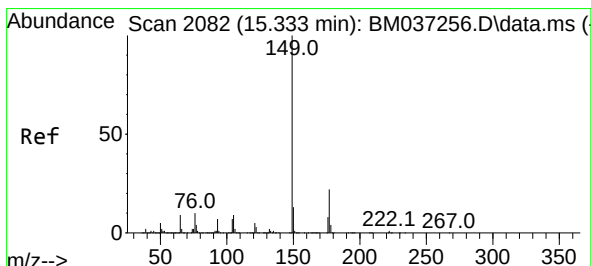
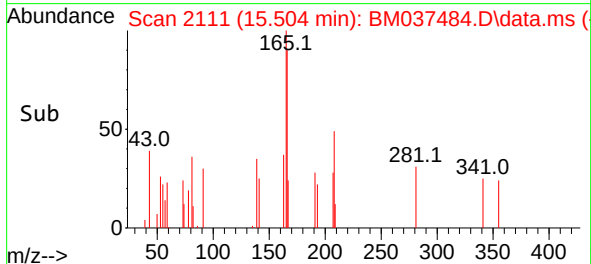
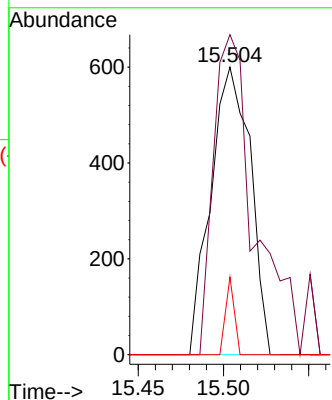
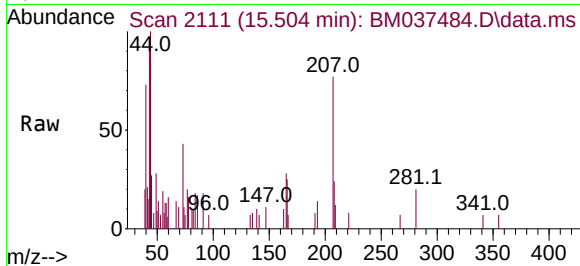




#58
 Fluorene
 Concen: 0.022 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037484.D
 Acq: 12 Nov 2022 01:32

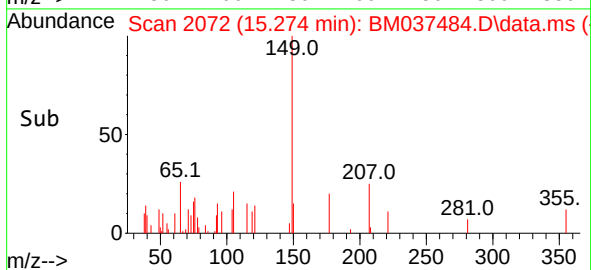
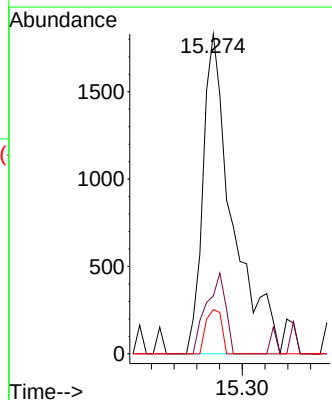
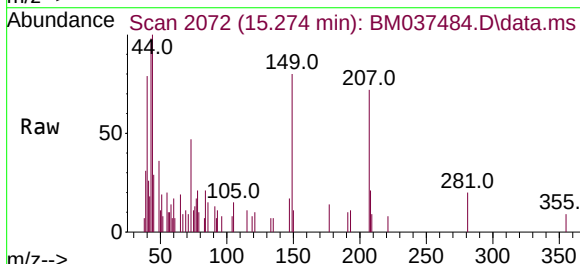
Instrument :
 BNA_M
 ClientSampleId :
 TP-12

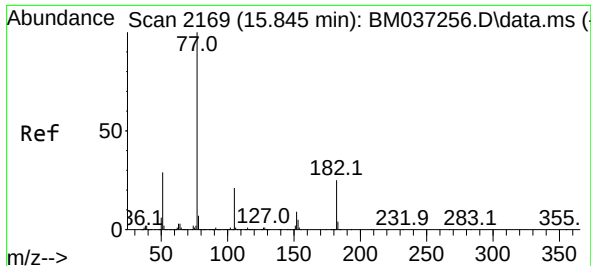
Tgt Ion:166 Resp: 969
 Ion Ratio Lower Upper
 166 100
 165 111.3 78.2 117.4
 167 27.0 10.6 15.8#



#60
 Diethylphthalate
 Concen: 0.080 ng
 RT: 15.274 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: BM037484.D
 Acq: 12 Nov 2022 01:32

Tgt Ion:149 Resp: 3292
 Ion Ratio Lower Upper
 149 100
 177 18.1 17.4 26.0
 150 13.8 10.0 15.0

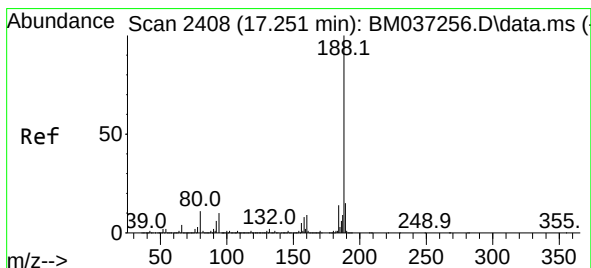
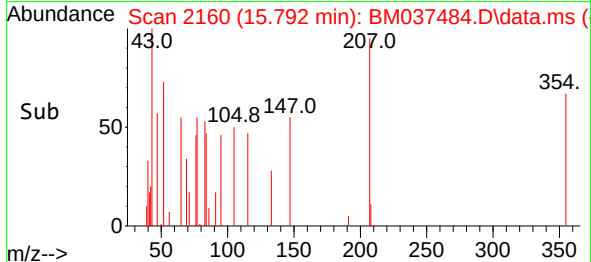
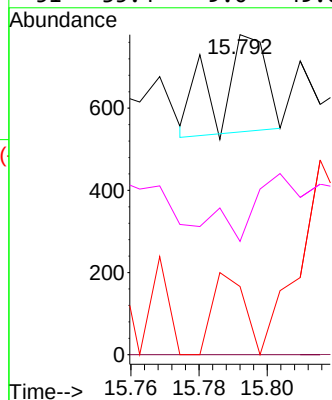
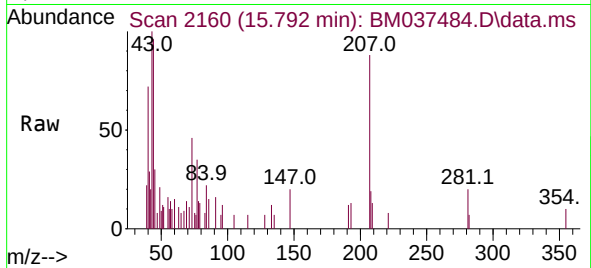




#63
Azobenzene
Concen: 0.006 ng
RT: 15.792 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

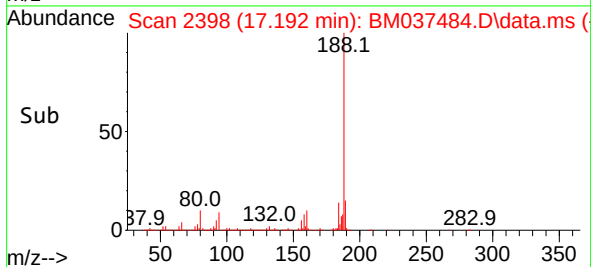
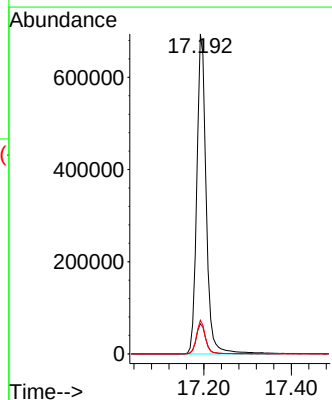
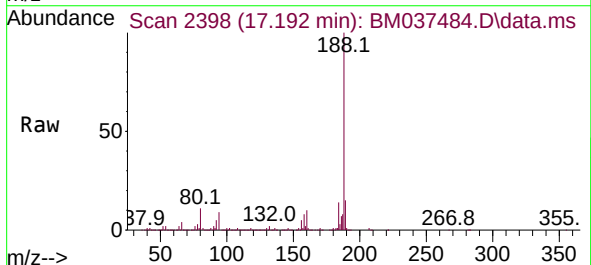
Instrument :
BNA_M
ClientSampleId :
TP-12

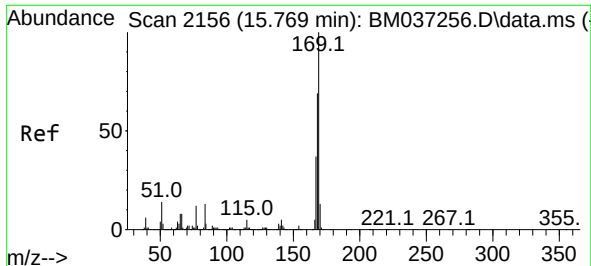
Tgt Ion: 77 Resp: 228
Ion Ratio Lower Upper
77 100
182 0.0 5.1 45.1#
105 21.3 0.5 40.5
51 35.4 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:188 Resp: 1035476
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.5 8.5 12.7

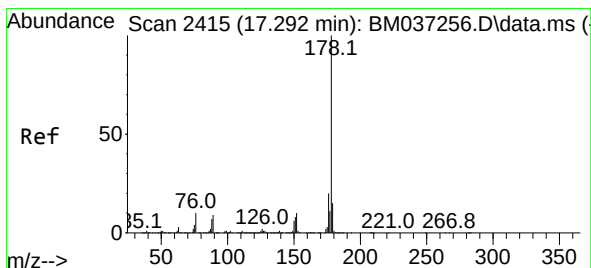
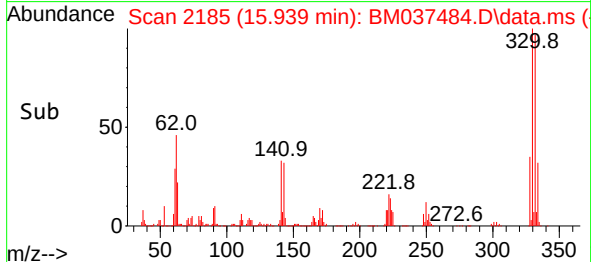
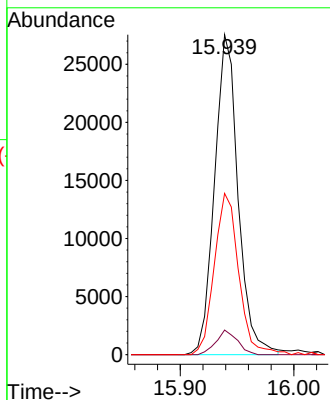
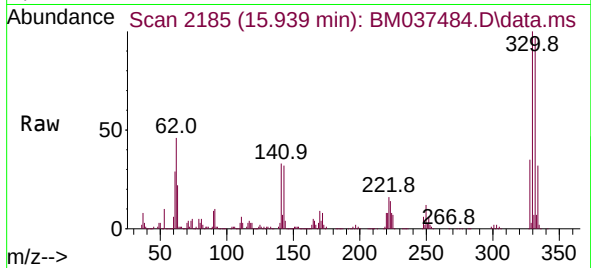




#66
 n-Nitrosodiphenylamine
 Concen: 1.132 ng
 RT: 15.939 min Scan# 2156
 Delta R.T. 0.224 min
 Lab File: BM037484.D
 Acq: 12 Nov 2022 01:32

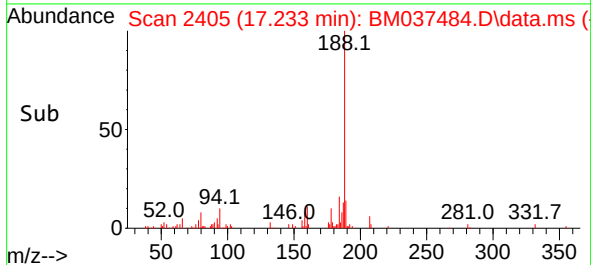
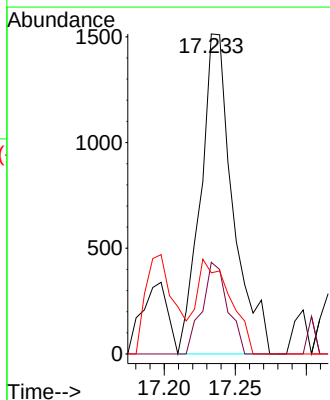
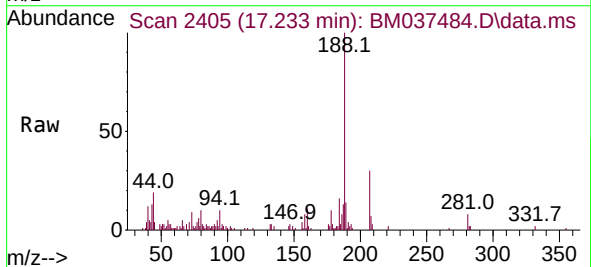
Instrument :
 BNA_M
 ClientSampleId :
 TP-12

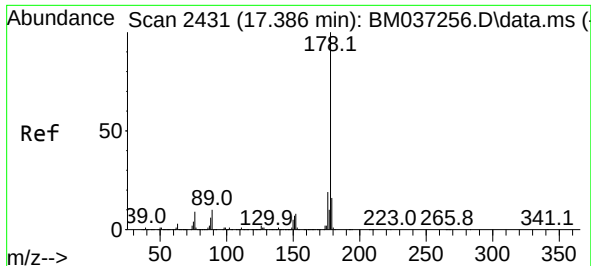
Tgt Ion:169 Resp: 39630
 Ion Ratio Lower Upper
 169 100
 168 7.7 54.8 82.2#
 167 50.4 29.5 44.3#



#71
 Phenanthrene
 Concen: 0.037 ng
 RT: 17.233 min Scan# 2405
 Delta R.T. -0.012 min
 Lab File: BM037484.D
 Acq: 12 Nov 2022 01:32

Tgt Ion:178 Resp: 2393
 Ion Ratio Lower Upper
 178 100
 176 28.7 15.6 23.4#
 179 25.4 12.4 18.6#

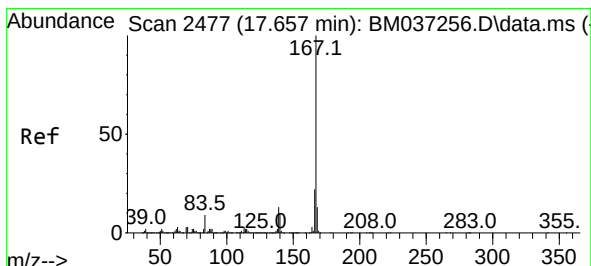
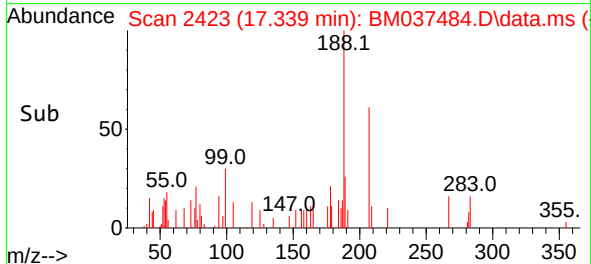
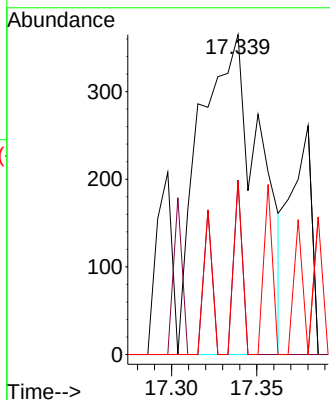
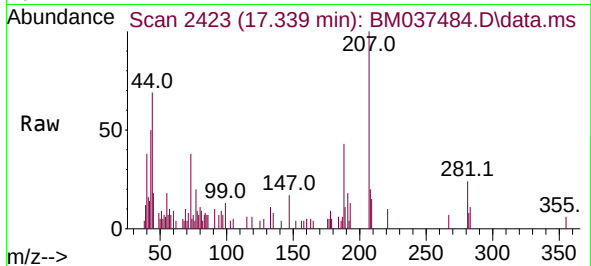




#72
 Anthracene
 Concen: 0.015 ng
 RT: 17.339 min Scan# 2431
 Delta R.T. 0.006 min
 Lab File: BM037484.D
 Acq: 12 Nov 2022 01:32

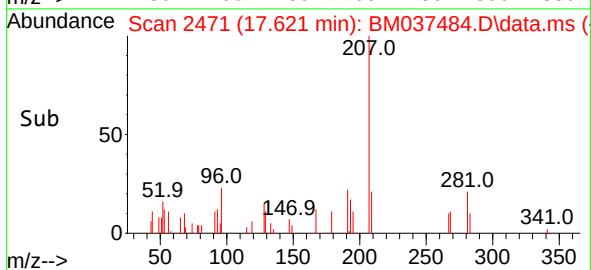
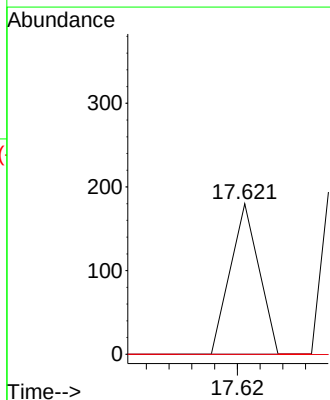
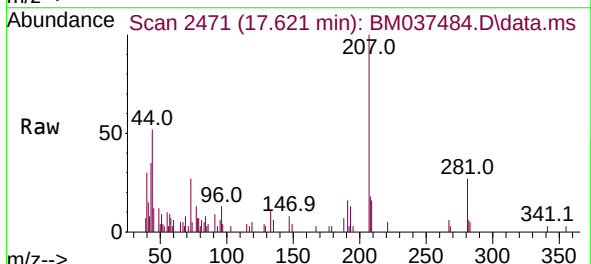
Instrument :
 BNA_M
 ClientSampleId :
 TP-12

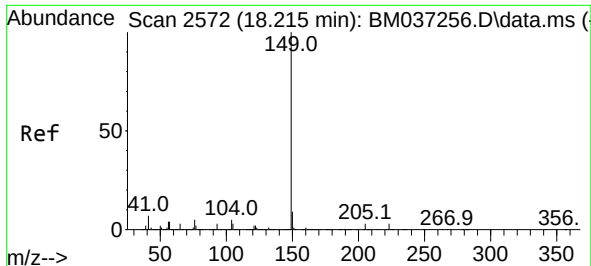
Tgt Ion:178 Resp: 906
 Ion Ratio Lower Upper
 178 100
 176 54.5 15.4 23.0#
 179 54.2 12.6 19.0#



#73
 Carbazole
 Concen: 0.001 ng
 RT: 17.621 min Scan# 2471
 Delta R.T. 0.012 min
 Lab File: BM037484.D
 Acq: 12 Nov 2022 01:32

Tgt Ion:167 Resp: 63
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.4 26.2#
 139 0.0 10.4 15.6#

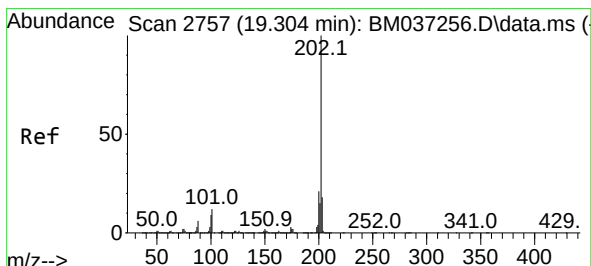
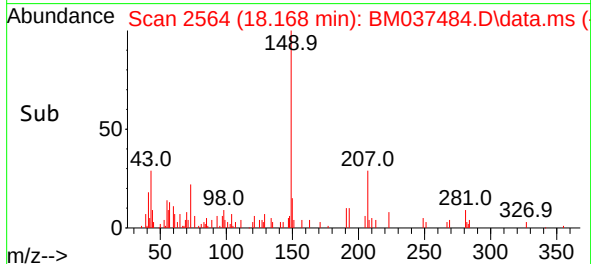
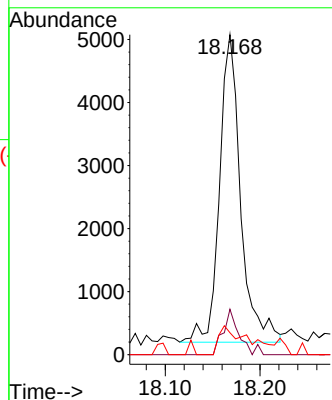
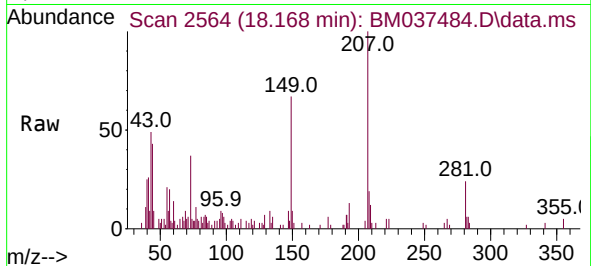




#74
Di-n-butylphthalate
Concen: 0.123 ng
RT: 18.168 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

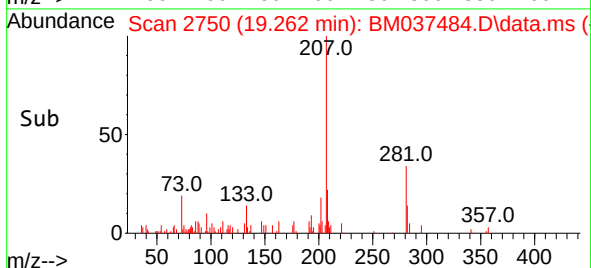
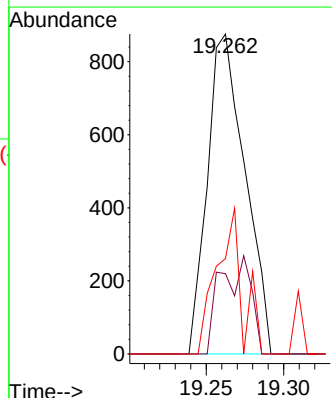
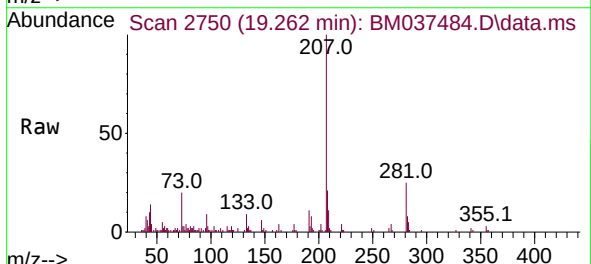
Instrument :
BNA_M
ClientSampleId :
TP-12

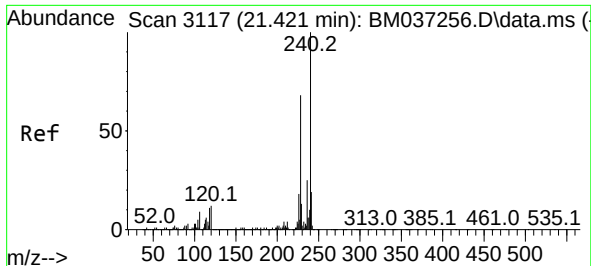
Tgt Ion:149 Resp: 7562
Ion Ratio Lower Upper
149 100
150 14.2 7.4 11.0#
104 6.8 4.0 6.0#



#75
Fluoranthene
Concen: 0.022 ng
RT: 19.262 min Scan# 2750
Delta R.T. 0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:202 Resp: 1481
Ion Ratio Lower Upper
202 100
101 25.1 0.0 32.4
203 29.8 0.0 37.8

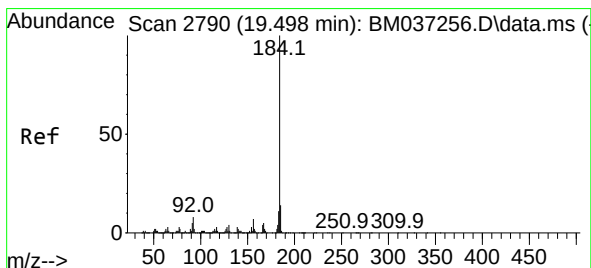
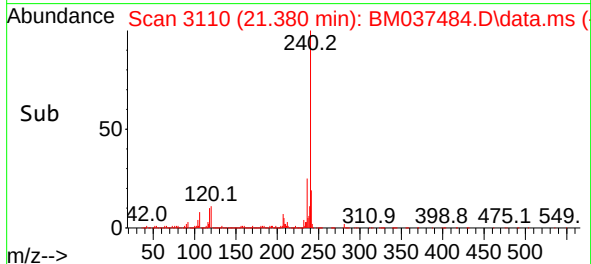
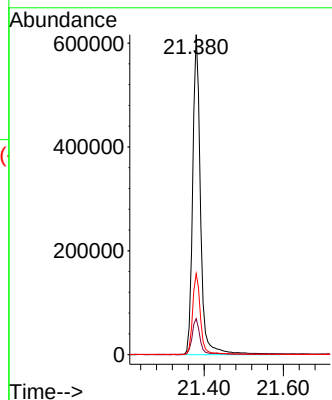
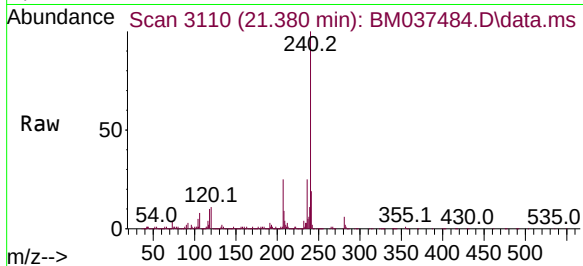




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

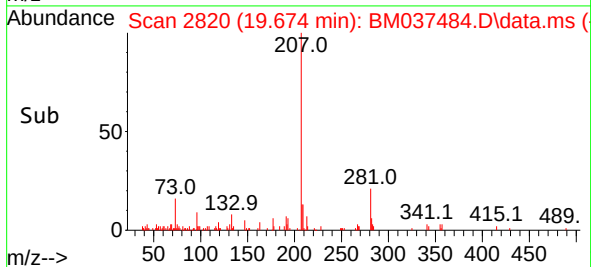
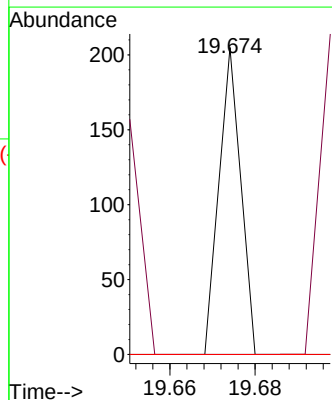
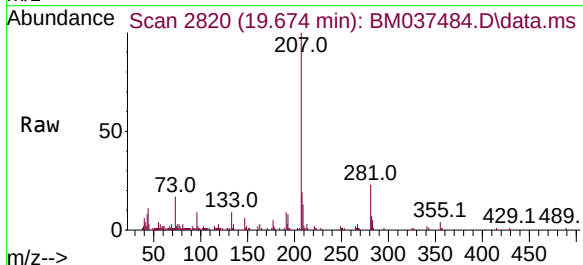
Instrument :
BNA_M
ClientSampleId :
TP-12

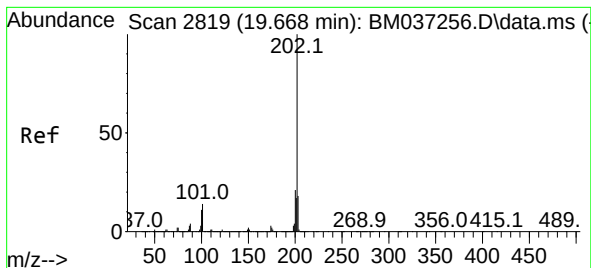
Tgt Ion:240 Resp: 850156
Ion Ratio Lower Upper
240 100
120 11.2 9.9 14.9
236 25.3 20.3 30.5



#77
Benzidine
Concen: 0.006 ng
RT: 19.674 min Scan# 2820
Delta R.T. 0.218 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
185 0.0 11.3 16.9#
183 0.0 9.0 13.4#





#78

Pyrene

Concen: 0.026 ng

RT: 19.621 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

Instrument :

BNA_M

ClientSampleId :

TP-12

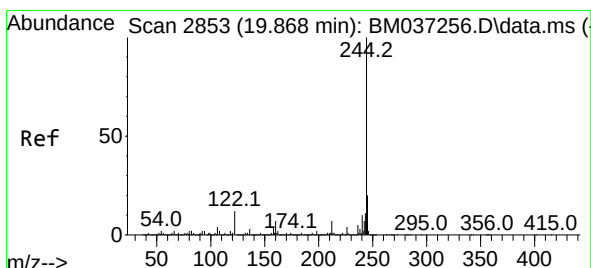
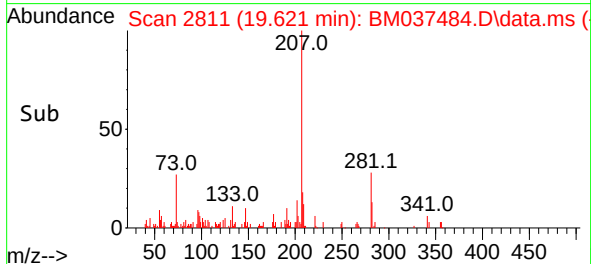
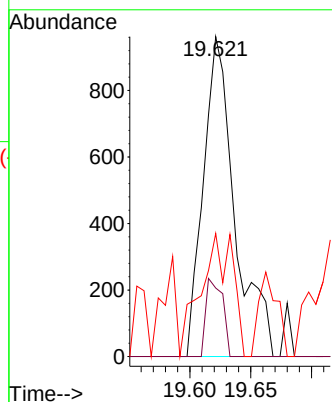
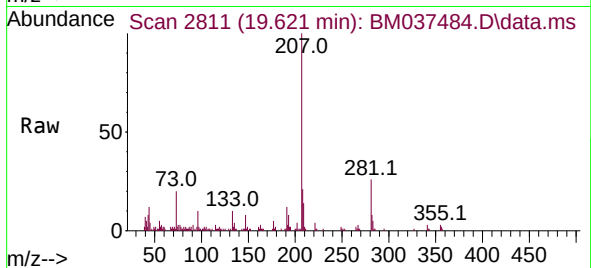
Tgt Ion:202 Resp: 1730

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 38.5 14.1 21.1#



#79

Terphenyl-d14

Concen: 142.780 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

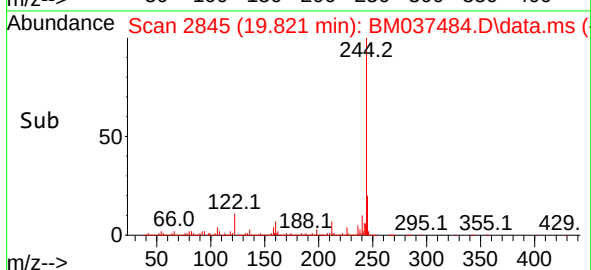
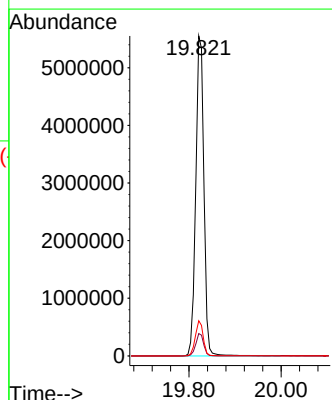
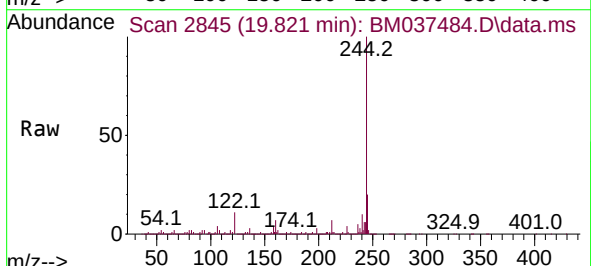
Tgt Ion:244 Resp: 6768913

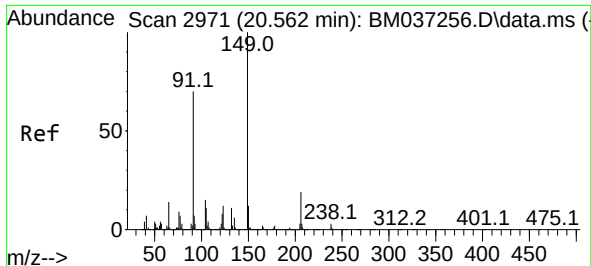
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.0 9.4 14.2

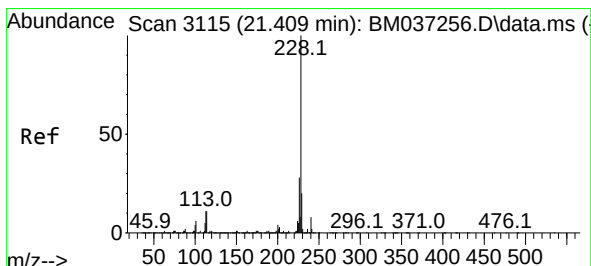
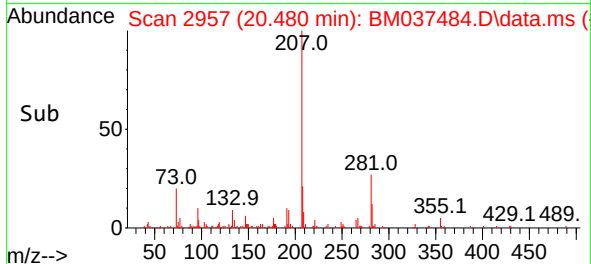
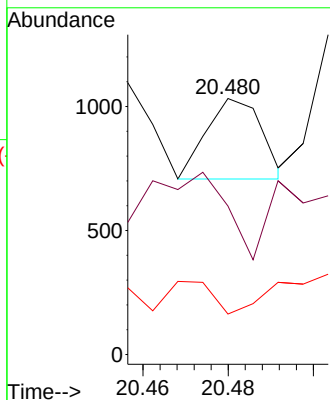
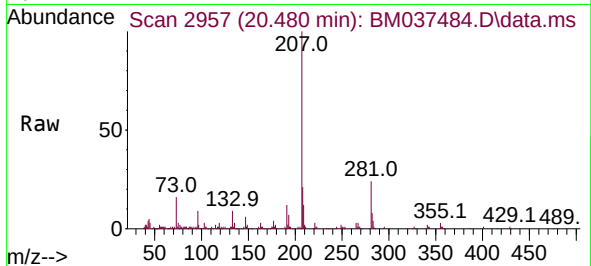




#80
Butylbenzylphthalate
Concen: 0.012 ng
RT: 20.480 min Scan# 2971
Delta R.T. -0.041 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

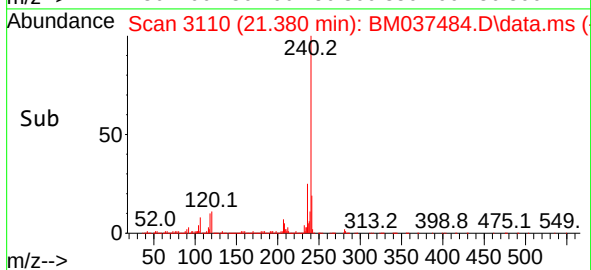
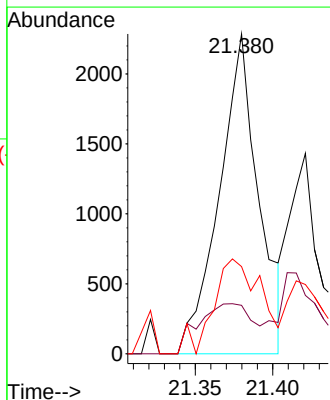
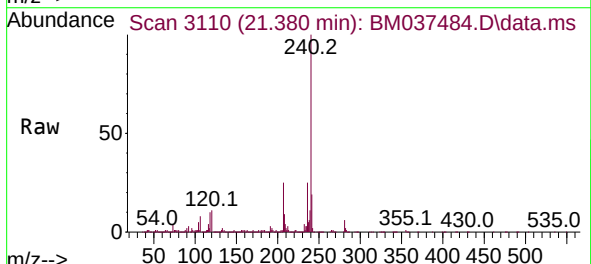
Instrument :
BNA_M
ClientSampleId :
TP-12

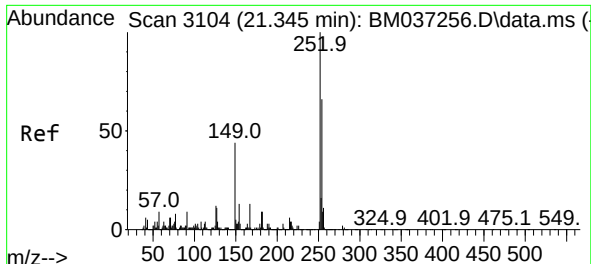
Tgt Ion:149	Resp:	291
Ion Ratio	Lower	Upper
149	100	
91	58.0	56.2 84.4
206	15.8	15.4 23.0



#81
Benzo(a)anthracene
Concen: 0.066 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.012 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:228	Resp:	4015
Ion Ratio	Lower	Upper
228	100	
226	15.2	22.3 33.5#
229	27.3	16.2 24.2#

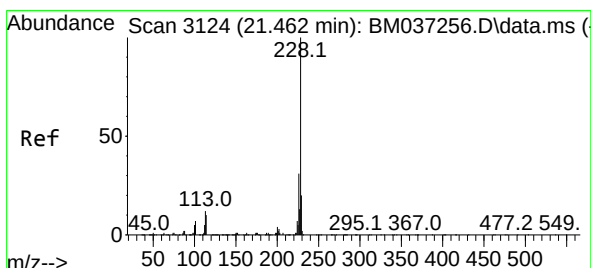
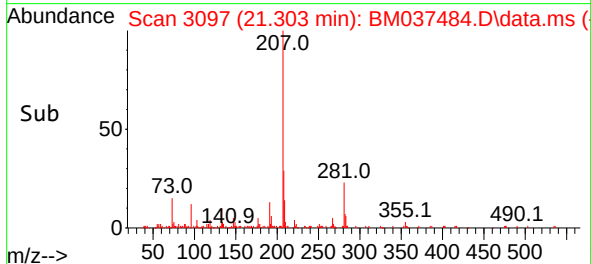
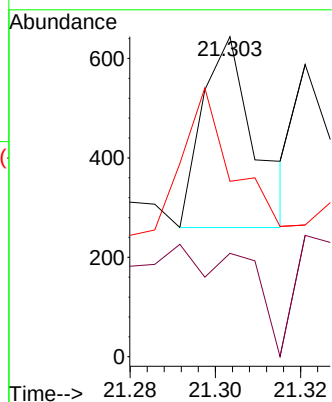
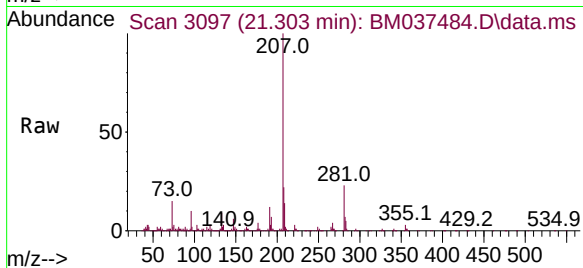




#82
 3,3'-Dichlorobenzidine
 Concen: 0.018 ng
 RT: 21.303 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM037484.D
 Acq: 12 Nov 2022 01:32

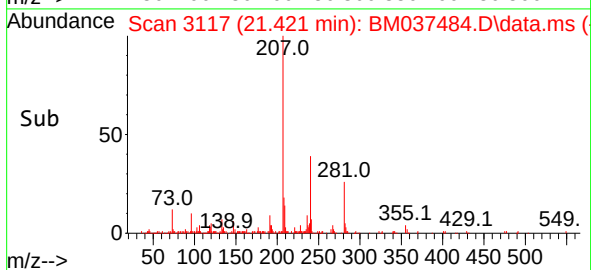
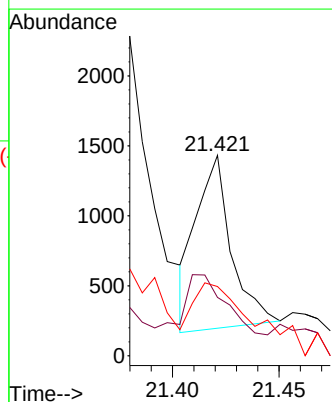
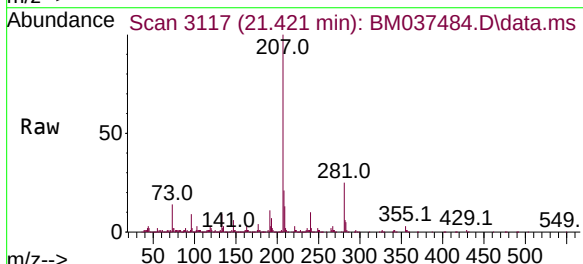
Instrument :
 BNA_M
 ClientSampleId :
 TP-12

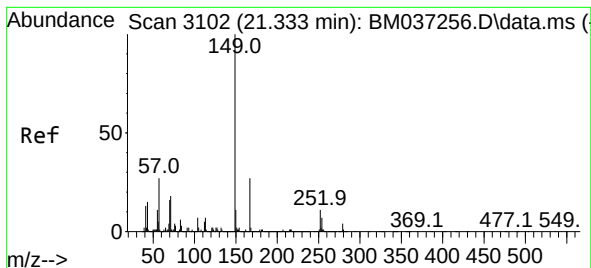
Tgt Ion:	252	Resp:	328
Ion Ratio	Lower	Upper	
252	100		
254	32.3	52.7	79.1#
126	54.8	9.8	14.6#



#83
 Chrysene
 Concen: 0.025 ng
 RT: 21.421 min Scan# 3117
 Delta R.T. 0.000 min
 Lab File: BM037484.D
 Acq: 12 Nov 2022 01:32

Tgt Ion:	228	Resp:	1429
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.4	36.6
229	34.5	16.0	24.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.102 ng

RT: 21.292 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

Instrument :

BNA_M

ClientSampleId :

TP-12

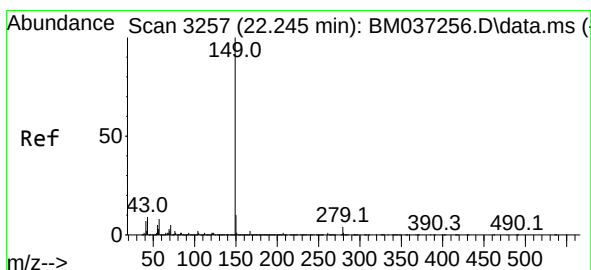
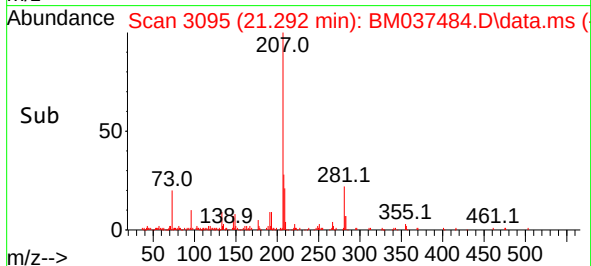
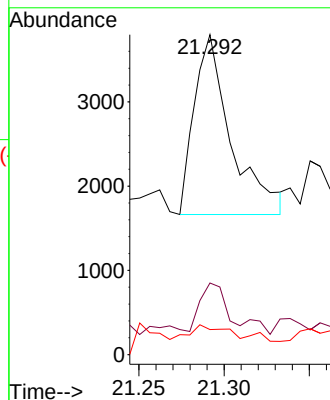
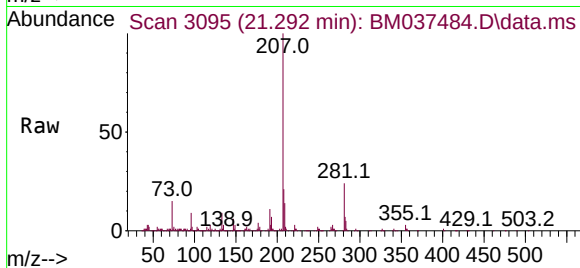
Tgt Ion:149 Resp: 3201

Ion Ratio Lower Upper

149 100

167 22.4 21.2 31.8

279 7.8 3.1 4.7#



#85

Di-n-octyl phthalate

Concen: 0.008 ng

RT: 22.192 min Scan# 3248

Delta R.T. -0.006 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

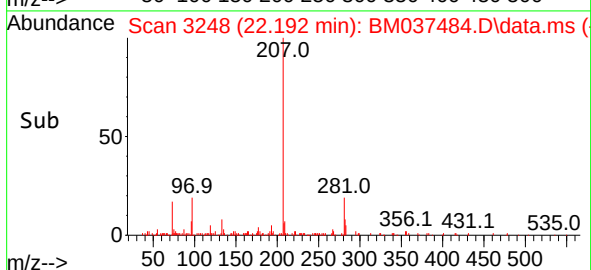
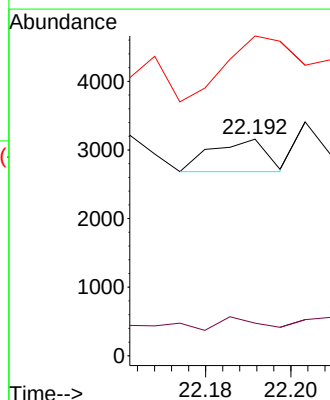
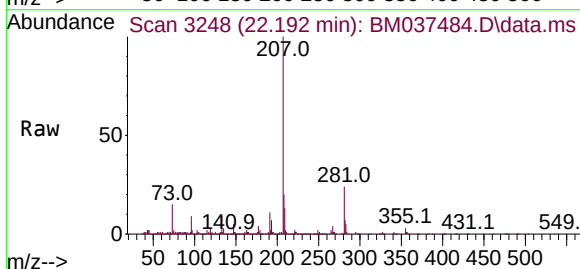
Tgt Ion:149 Resp: 419

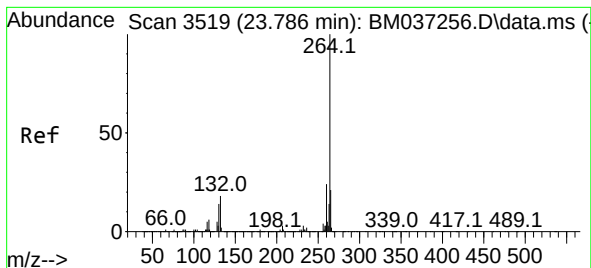
Ion Ratio Lower Upper

149 100

167 41.1 1.3 1.9#

43 420.3 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: BM037484.D

Acq: 12 Nov 2022 01:32

Instrument :

BNA_M

ClientSampleId :

TP-12

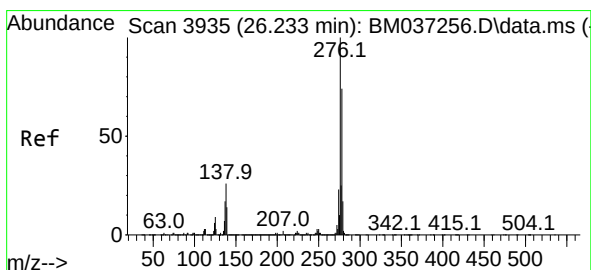
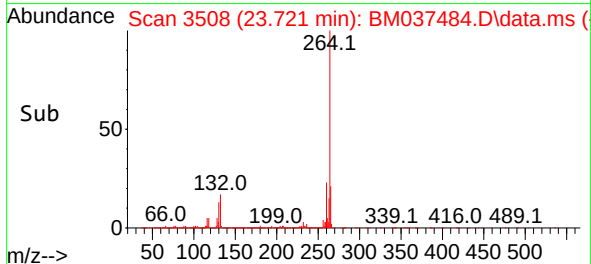
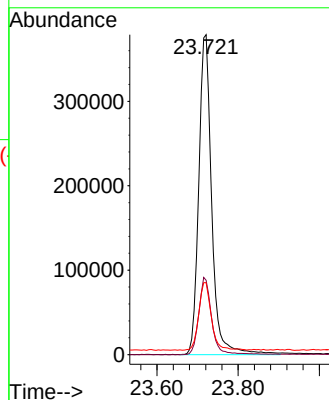
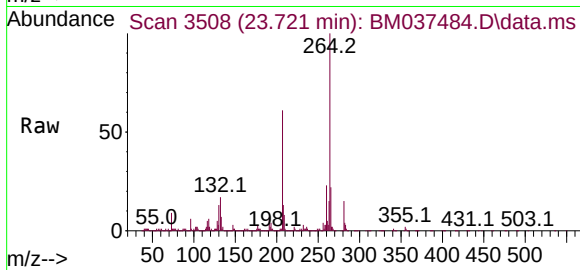
Tgt Ion:264 Resp: 836730

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.5 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng

RT: 26.144 min Scan# 3920

Delta R.T. 0.000 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

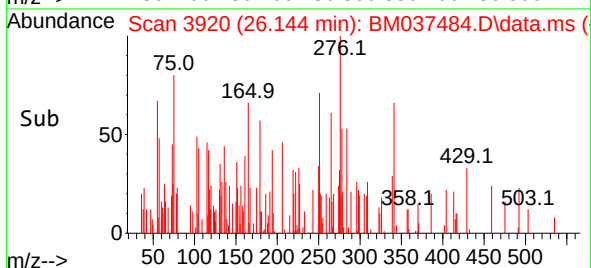
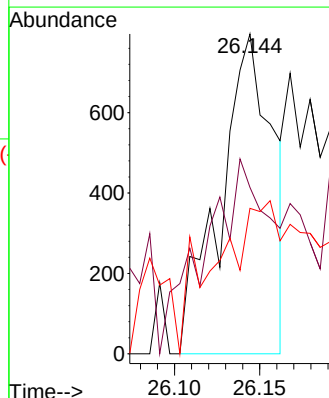
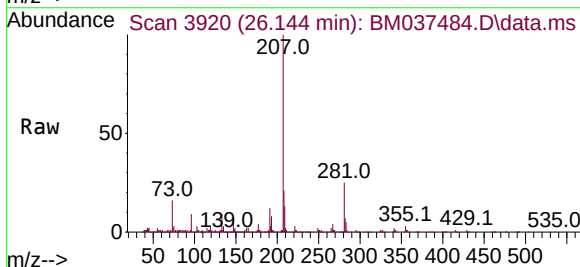
Tgt Ion:276 Resp: 1696

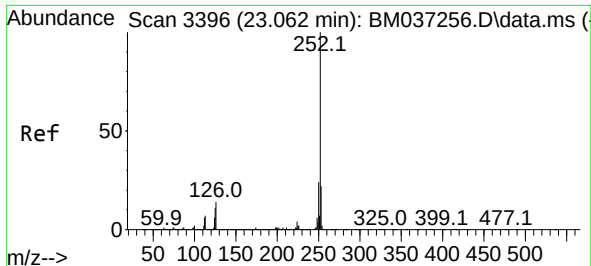
Ion Ratio Lower Upper

276 100

138 76.1 21.5 32.3#

277 93.5 20.1 30.1#

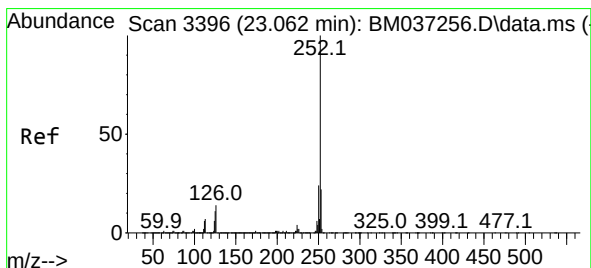
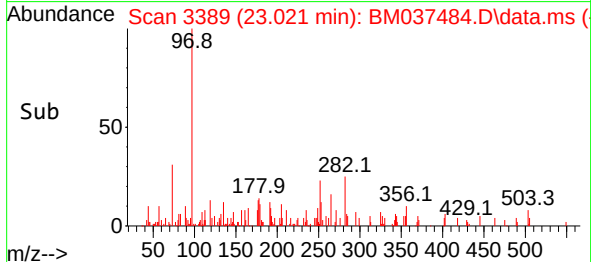
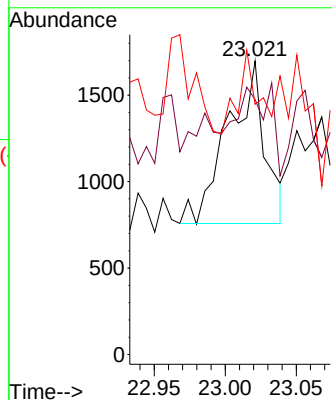
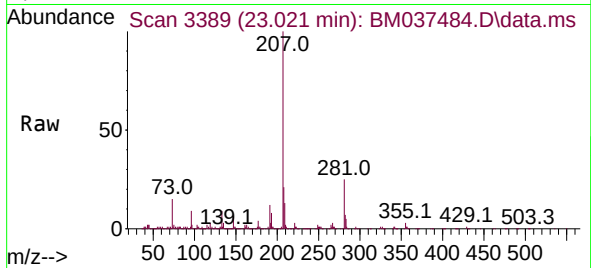




#88
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 23.021 min Scan# 3389
Delta R.T. 0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

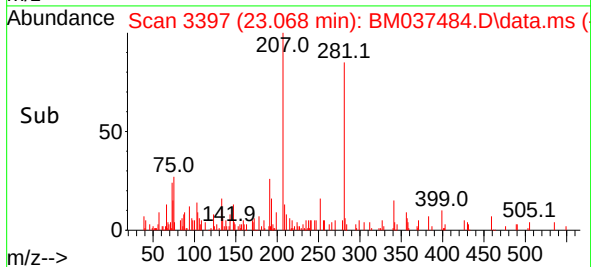
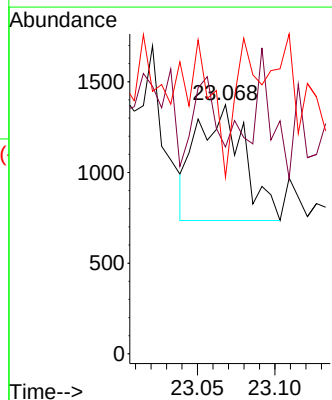
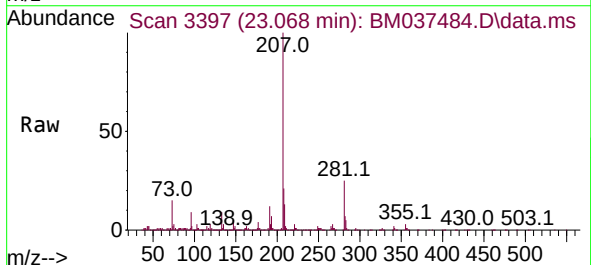
Instrument :
BNA_M
ClientSampleId :
TP-12

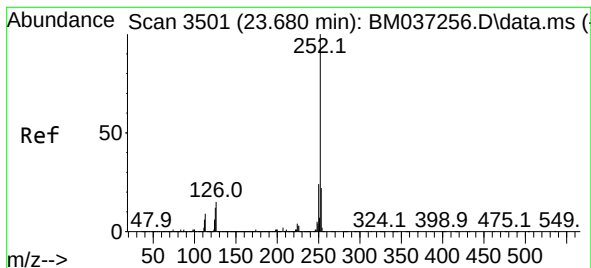
Tgt Ion:252 Resp: 1700
Ion Ratio Lower Upper
252 100
253 86.9 17.8 26.6#
125 85.2 9.1 13.7#



#89
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.068 min Scan# 3397
Delta R.T. 0.006 min
Lab File: BM037484.D
Acq: 12 Nov 2022 01:32

Tgt Ion:252 Resp: 1354
Ion Ratio Lower Upper
252 100
253 83.0 17.8 26.6#
125 70.9 9.1 13.7#





#90

Benzo(a)pyrene

Concen: 0.019 ng

RT: 23.621 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

Instrument :

BNA_M

ClientSampleId :

TP-12

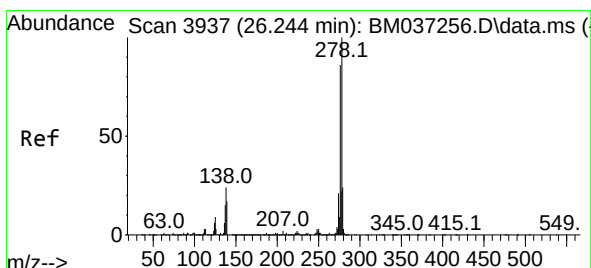
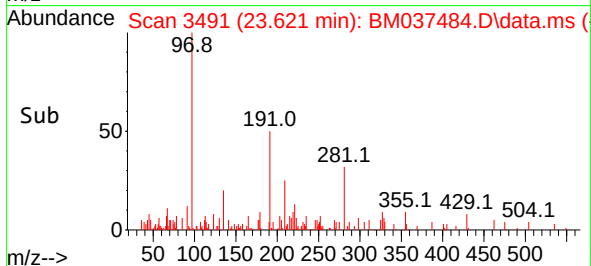
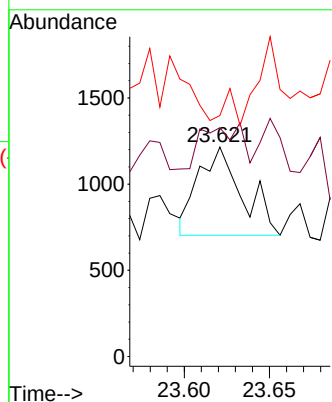
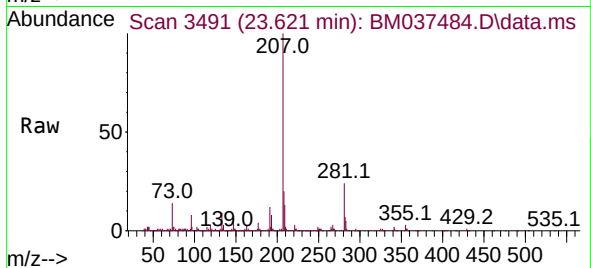
Tgt Ion:252 Resp: 915

Ion Ratio Lower Upper

252 100

253 109.2 17.4 26.2#

125 115.1 9.9 14.9#



#91

Dibenzo(a,h)anthracene

Concen: 0.022 ng

RT: 26.162 min Scan# 3923

Delta R.T. 0.000 min

Lab File: BM037484.D

Acq: 12 Nov 2022 01:32

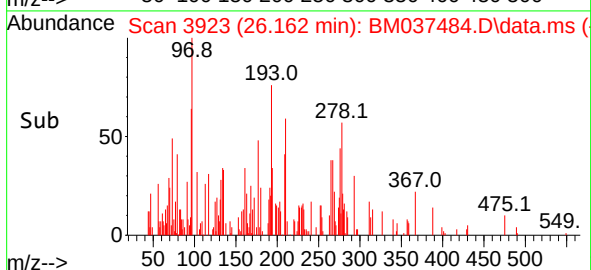
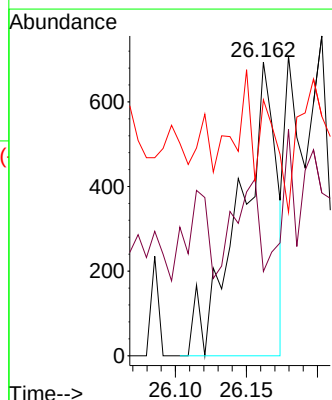
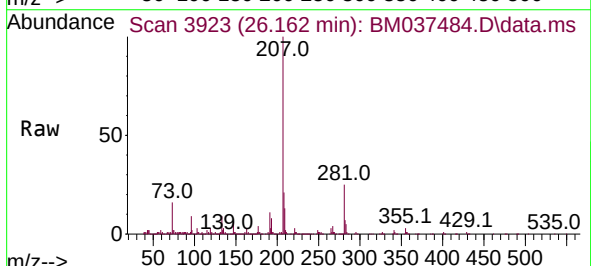
Tgt Ion:278 Resp: 1255

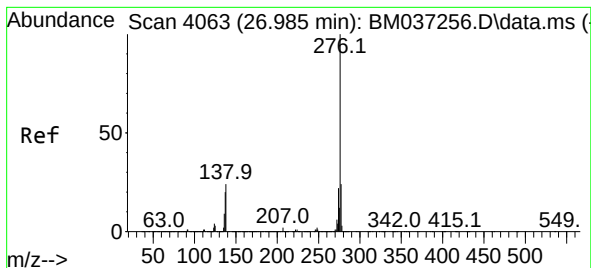
Ion Ratio Lower Upper

278 100

139 28.7 13.8 20.8#

279 87.2 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 0.074 ng

RT: 26.897 min Scan# 40

Delta R.T. 0.012 min

Lab File: BM037484.D

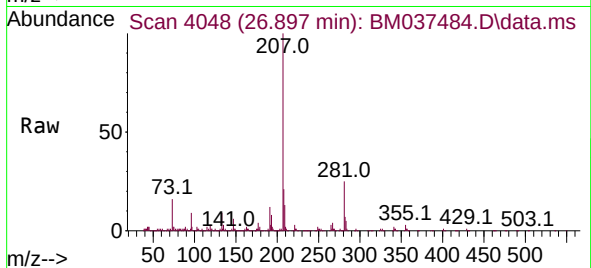
Acq: 12 Nov 2022 01:32

Instrument :

BNA_M

ClientSampleId :

TP-12



Tgt Ion:276 Resp: 4117

Ion Ratio Lower Upper

276 100

277 31.1 19.4 29.2#

138 26.9 18.9 28.3

