

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037473.D
 Acq On : 11 Nov 2022 18:52
 Operator : CG/JU
 Sample : N5502-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2182RE

Quant Time: Nov 11 22:58:19 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	235110	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	892129	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	519777	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	974253	20.000	ng	0.00
76) Chrysene-d12	21.380	240	771396	20.000	ng	0.00
86) Perylene-d12	23.721	264	744569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1960512	144.063	ng	0.00
7) Phenol-d6	6.987	99	2229712	120.721	ng	0.00
23) Nitrobenzene-d5	8.981	82	1663809	94.093	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1123041	183.342	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3848373	98.375	ng	0.00
79) Terphenyl-d14	19.827	244	5132578	119.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	415	0.074	ng	# 1
3) Pyridine	3.658	79	202	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.575	42	1666	0.230	ng	# 1
6) Aniline	7.140	93	732	0.032	ng	# 1
8) 2-Chlorophenol	7.381	128	282	0.017	ng	# 26
9) Benzaldehyde	6.928	77	165	0.018	ng	# 18
10) Phenol	7.004	94	1450	0.070	ng	# 1
11) bis(2-Chloroethyl)ether	7.210	93	155	0.009	ng	# 21
15) Benzyl Alcohol	8.069	79	383	0.029	ng	# 42
16) 2,2'-oxybis(1-Chloropr...	8.316	45	186	0.008	ng	# 81
17) 2-Methylphenol	8.181	107	65	0.005	ng	# 1
18) Hexachloroethane	8.869	117	118	0.018	ng	# 51
19) n-Nitroso-di-n-propyla...	8.622	70	350	0.101	ng	# 1
20) 3+4-Methylphenols	8.604	107	114	0.006	ng	# 1
22) Acetophenone	8.640	105	1642	0.071	ng	# 10
24) Nitrobenzene	8.975	77	5472	0.305	ng	# 38
25) Isophorone	9.545	82	124	0.004	ng	# 36
28) bis(2-Chloroethoxy)met...	10.022	93	85	0.005	ng	# 13
31) Naphthalene	10.657	128	5773	0.114	ng	# 95
33) 4-Chloroaniline	10.816	127	191	0.009	ng	# 47
36) 4-Chloro-3-methylphenol	11.922	107	60	0.004	ng	# 17
37) 2-Methylnaphthalene	12.286	142	285	0.008	ng	# 42
38) 1-Methylnaphthalene	12.492	142	342	0.010	ng	# 42
46) 1,1'-Biphenyl	13.292	154	366	0.009	ng	# 51
47) 2-Chloronaphthalene	13.316	162	155	0.005	ng	# 40
48) 2-Nitroaniline	13.545	65	311	0.032	ng	# 32
49) Acenaphthylene	14.174	152	1463	0.028	ng	# 61
50) Dimethylphthalate	13.922	163	6413	0.162	ng	# 90
51) 2,6-Dinitrotoluene	14.039	165	69	0.008	ng	# 22
52) Acenaphthene	14.510	154	923	0.029	ng	# 79
55) Dibenzofuran	14.869	168	1170	0.024	ng	# 86
56) 4-Nitrophenol	14.851	139	461	0.062	ng	# 79
57) 2,4-Dinitrotoluene	14.827	165	112	0.010	ng	# 22
58) Fluorene	15.498	166	975	0.024	ng	# 84
59) 2,3,4,6-Tetrachlorophenol	15.098	232	410	0.041	ng	# 56
60) Diethylphthalate	15.280	149	4494	0.116	ng	# 98

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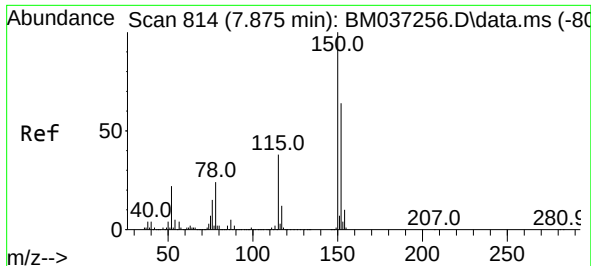
Quant Time: Nov 11 22:58:19 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Chlorophenyl-phenyle...	15.498	204	226	0.012	ng	# 30
63) Azobenzene	15.798	77	484	0.013	ng	# 54
66) n-Nitrosodiphenylamine	15.939	169	32200	0.978	ng	# 42
68) Hexachlorobenzene	16.492	284	67	0.005	ng	# 16
70) Pentachlorophenol	16.874	266	303	0.039	ng	# 48
71) Phenanthrene	17.239	178	4232	0.070	ng	97
72) Anthracene	17.239	178	4232	0.074	ng	96
73) Carbazole	17.627	167	1167	0.022	ng	# 59
74) Di-n-butylphthalate	18.168	149	9534	0.164	ng	# 94
75) Fluoranthene	19.262	202	5105	0.080	ng	97
77) Benzidine	19.409	184	121	0.011	ng	# 1
78) Pyrene	19.621	202	5742	0.097	ng	# 92
80) Butylbenzylphthalate	20.556	149	175	0.008	ng	89
81) Benzo(a)anthracene	21.421	228	3008	0.055	ng	94
82) 3,3'-Dichlorobenzidine	21.327	252	763	0.047	ng	# 50
83) Chrysene	21.421	228	3008	0.057	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.292	149	5654	0.199	ng	# 95
85) Di-n-octyl phthalate	22.203	149	827	0.018	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.162	276	4597	0.075	ng	# 49
88) Benzo(b)fluoranthene	23.015	252	4162	0.081	ng	# 1
89) Benzo(k)fluoranthene	23.062	252	2412	0.046	ng	# 1
90) Benzo(a)pyrene	23.615	252	2352	0.056	ng	# 1
91) Dibenzo(a,h)anthracene	26.180	278	2720	0.054	ng	# 1
92) Benzo(g,h,i)perylene	26.891	276	1934	0.039	ng	# 40

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

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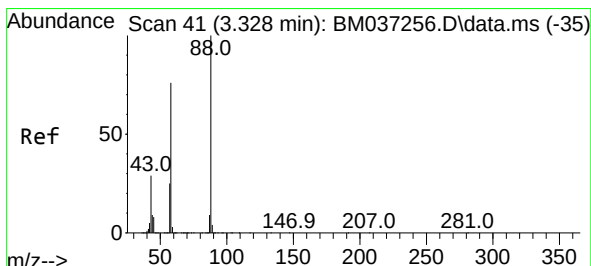
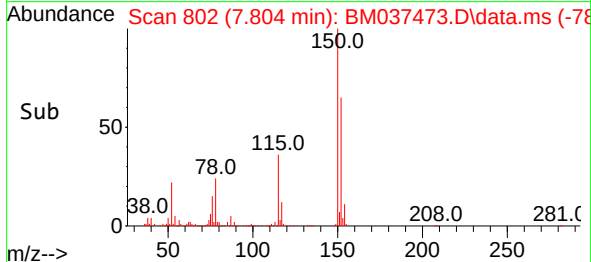
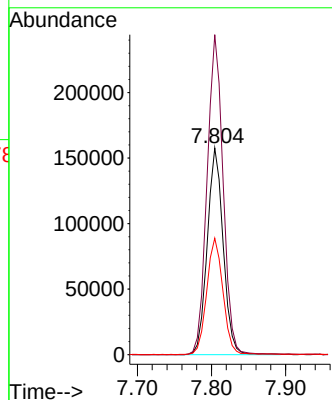
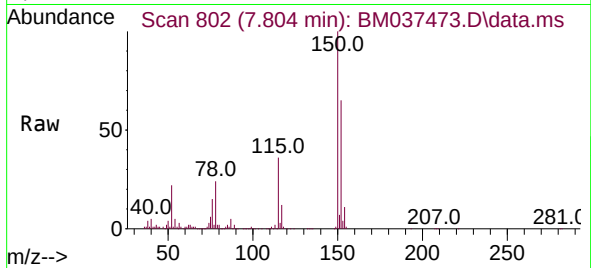




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BM037473.D
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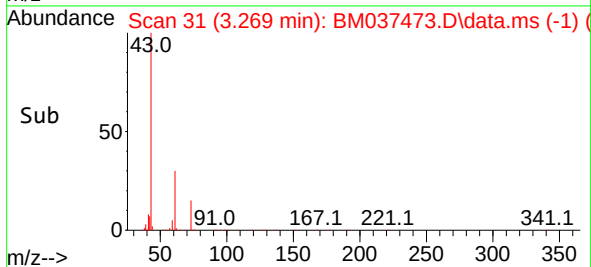
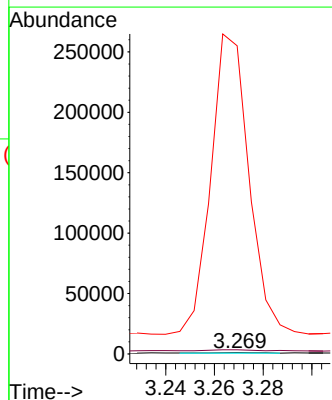
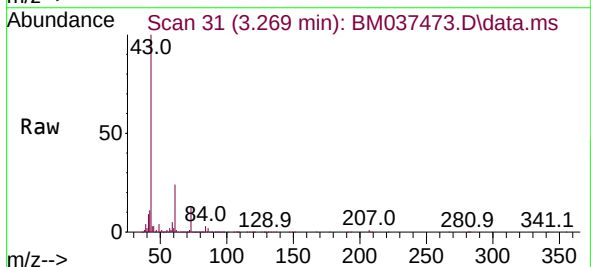
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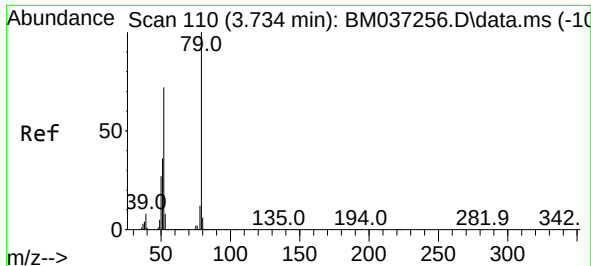
Tgt Ion:152 Resp: 235110
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.8 187.2
 115 56.3 47.0 70.4



#2
 1,4-Dioxane
 Concen: 0.074 ng
 RT: 3.269 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: BM037473.D
 Acq: 11 Nov 2022 18:52

Tgt Ion: 88 Resp: 415
 Ion Ratio Lower Upper
 88 100
 58 379.8 63.5 95.3#
 43 66105.5 24.2 36.4#

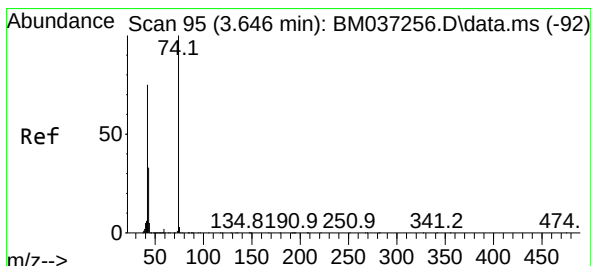
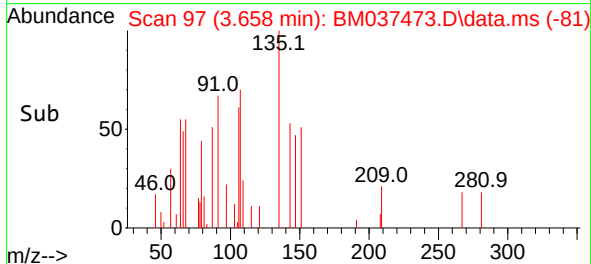
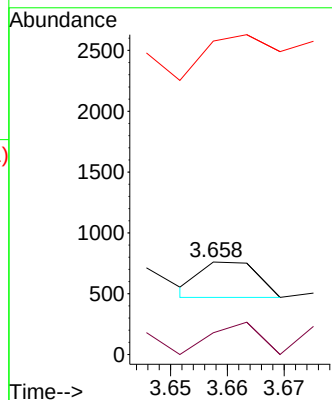
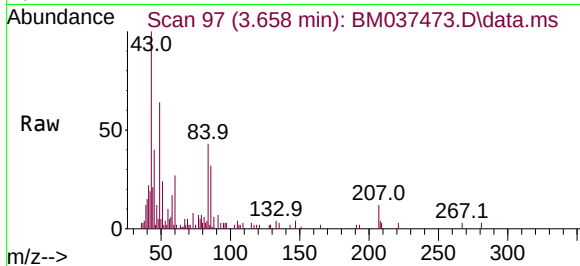




#3
Pyridine
Concen: 0.012 ng
RT: 3.658 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

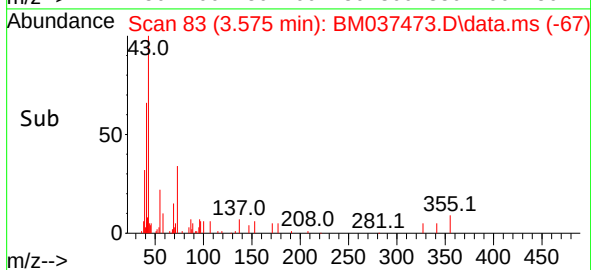
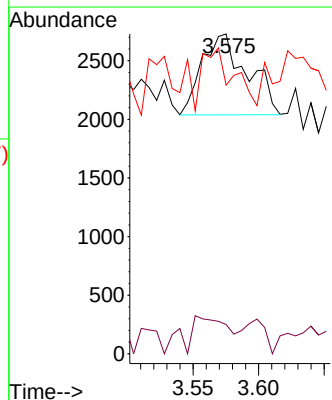
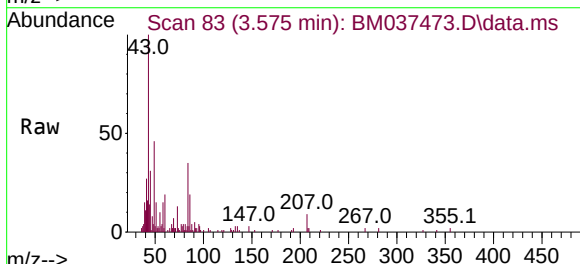
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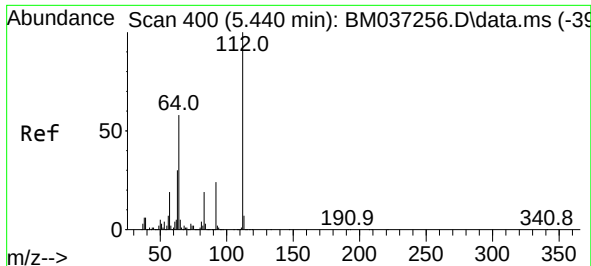
Tgt Ion: 79 Resp: 202
Ion Ratio Lower Upper
79 100
52 23.7 57.8 86.6#
51 338.6 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.230 ng
RT: 3.575 min Scan# 83
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion: 42 Resp: 1666
Ion Ratio Lower Upper
42 100
74 9.2 106.2 159.2#
44 84.0 5.4 8.0#

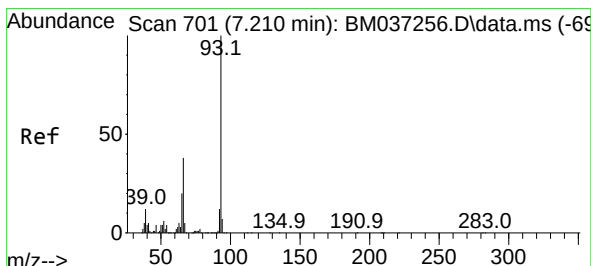
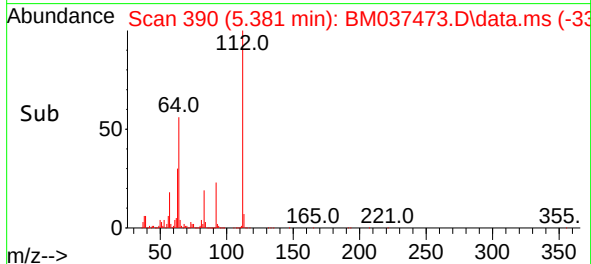
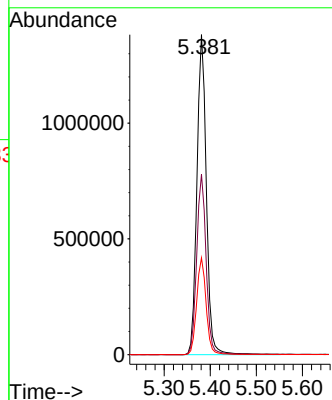
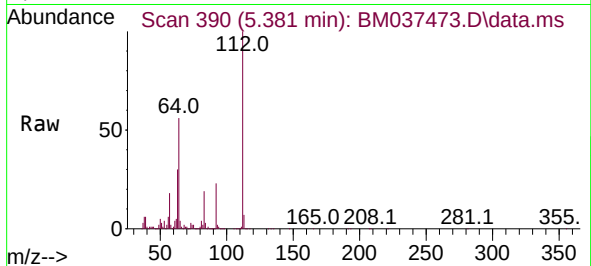




#5
2-Fluorophenol
Concen: 144.063 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

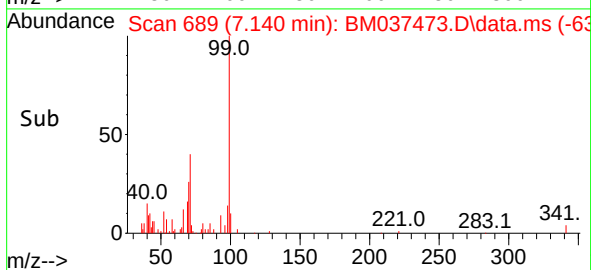
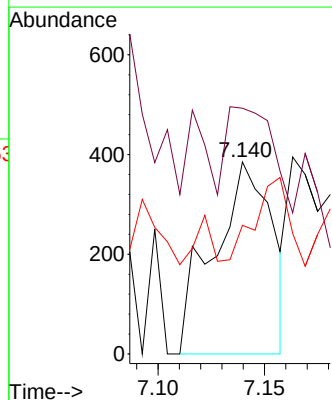
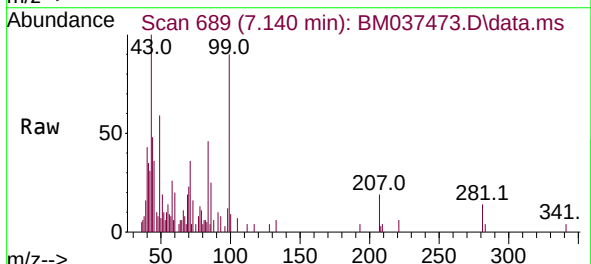
Instrument :
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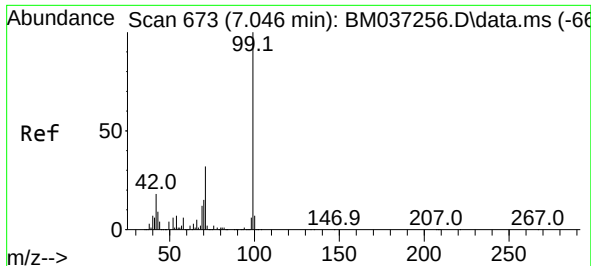
Tgt Ion:112 Resp: 1960512
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 30.2 24.4 36.6



#6
Aniline
Concen: 0.032 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion: 93 Resp: 732
Ion Ratio Lower Upper
93 100
66 128.1 30.4 45.6#
65 67.0 16.2 24.2#

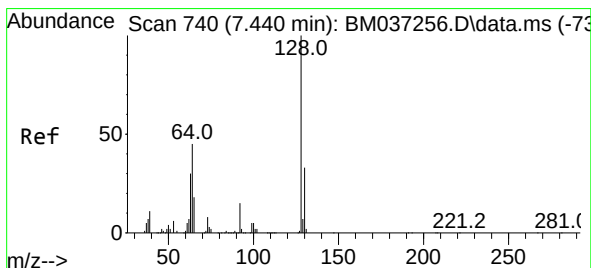
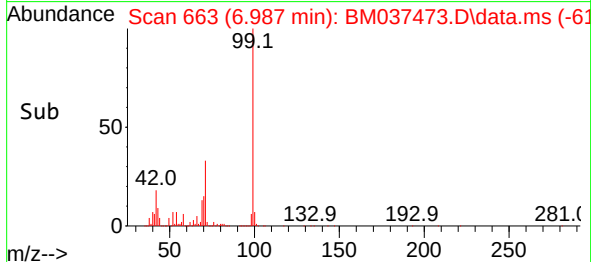
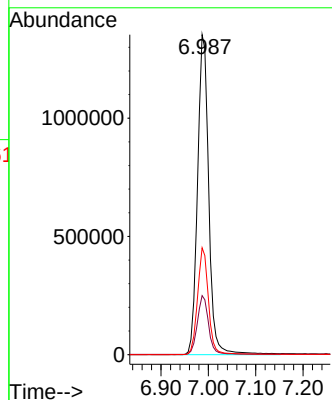
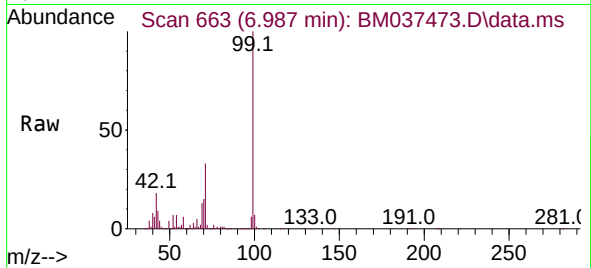




#7
Phenol-d6
Concen: 120.721 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

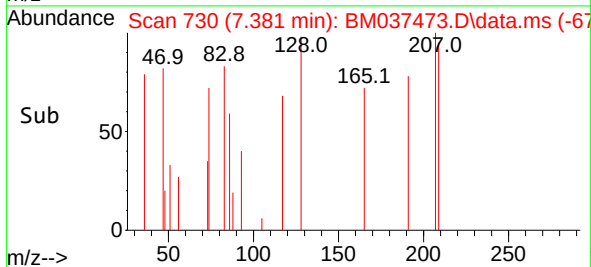
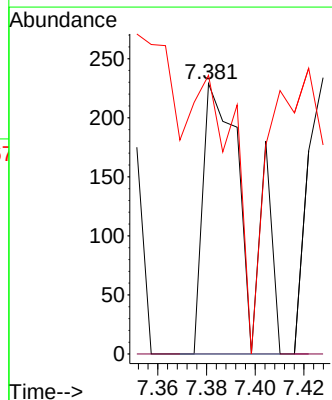
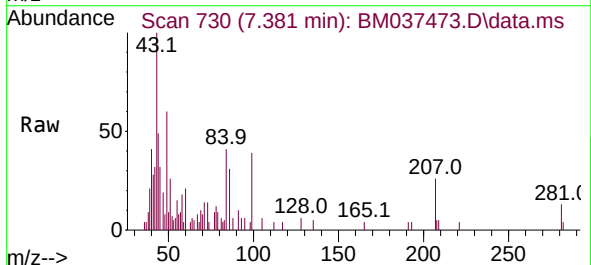
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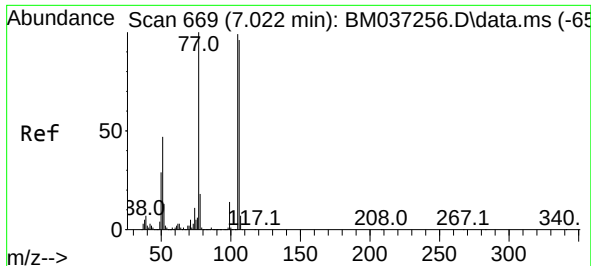
Tgt Ion: 99 Resp: 2229712
Ion Ratio Lower Upper
99 100
42 18.4 14.8 22.2
71 33.4 25.6 38.4



#8
2-Chlorophenol
Concen: 0.017 ng
RT: 7.381 min Scan# 730
Delta R.T. 0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion: 128 Resp: 282
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 103.1 26.4 66.4#

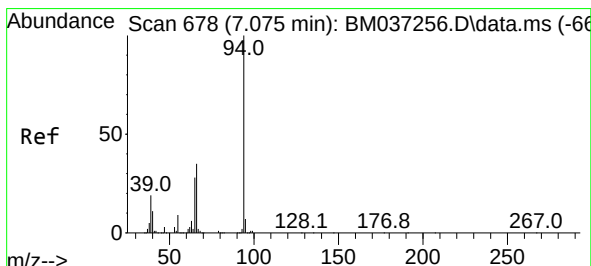
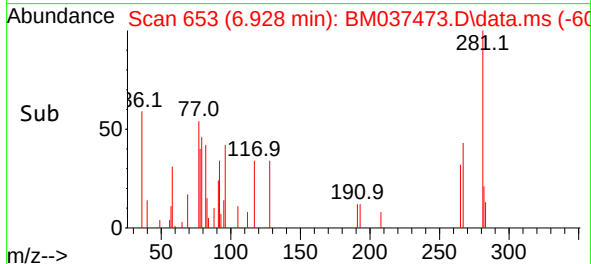
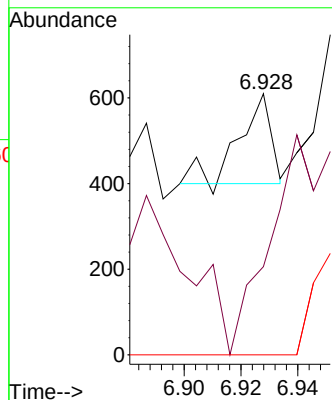
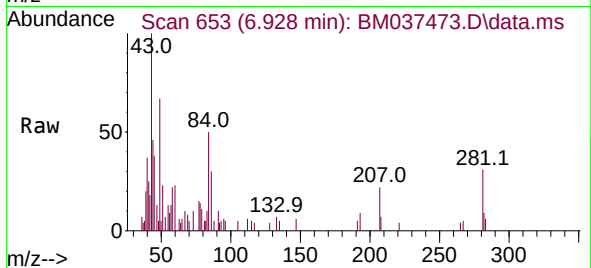




#9
Benzaldehyde
Concen: 0.018 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.029 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

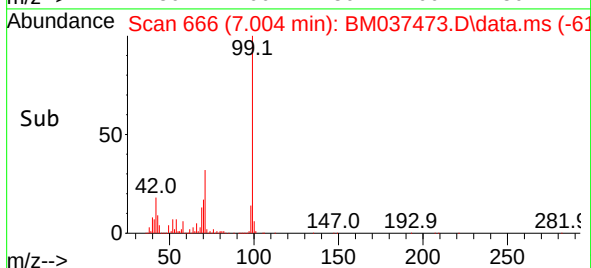
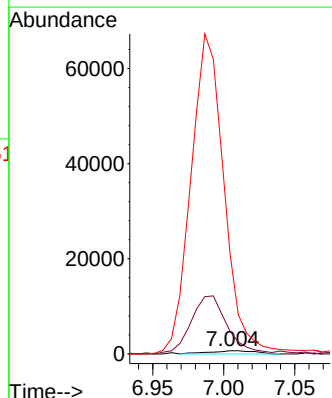
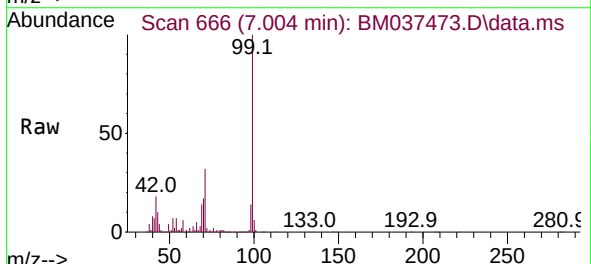
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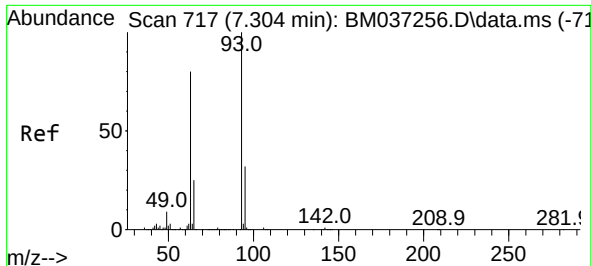
Tgt Ion: 77 Resp: 165
Ion Ratio Lower Upper
77 100
105 33.8 78.6 118.6#
106 0.0 75.8 115.8#



#10
Phenol
Concen: 0.070 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.012 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion: 94 Resp: 1450
Ion Ratio Lower Upper
94 100
65 711.5 8.1 48.1#
66 3137.3 15.5 55.5#

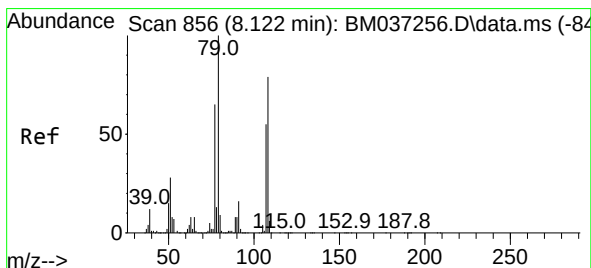
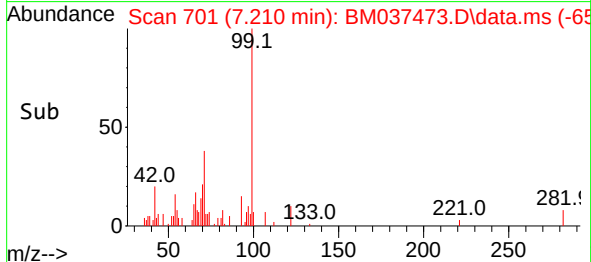
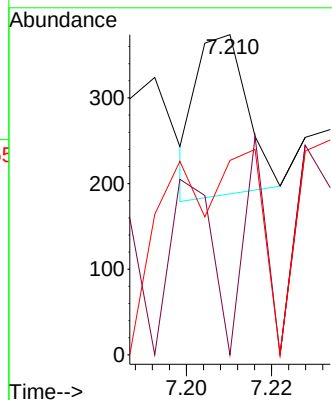
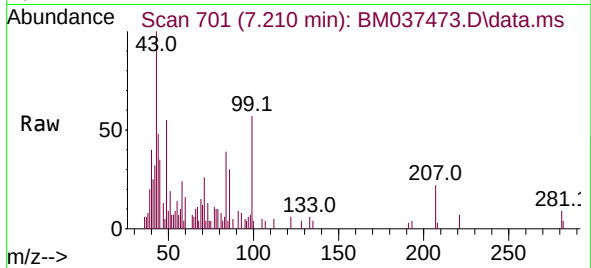




#11
bis(2-Chloroethyl)ether
Concen: 0.009 ng
RT: 7.210 min Scan# 701
Delta R.T. -0.029 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

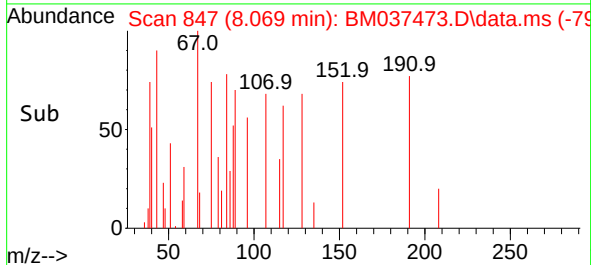
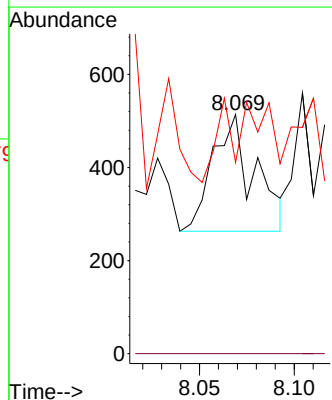
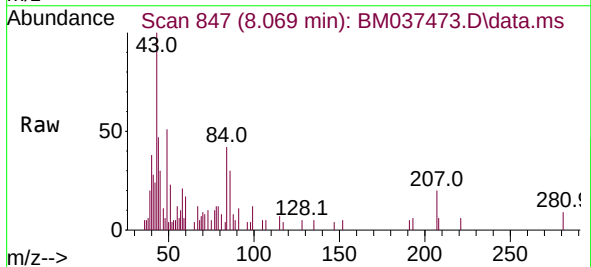
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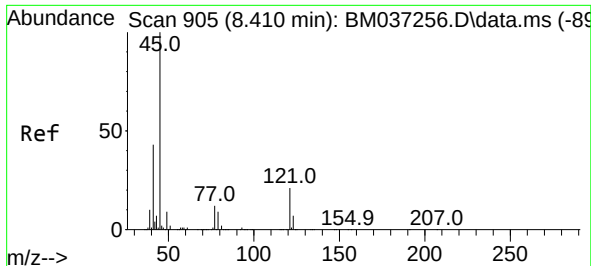
Tgt Ion: 93 Resp: 155
Ion Ratio Lower Upper
93 100
63 0.0 59.3 99.3#
95 60.7 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.029 ng
RT: 8.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion: 79 Resp: 383
Ion Ratio Lower Upper
79 100
108 0.0 63.1 94.7#
77 80.0 51.7 77.5#

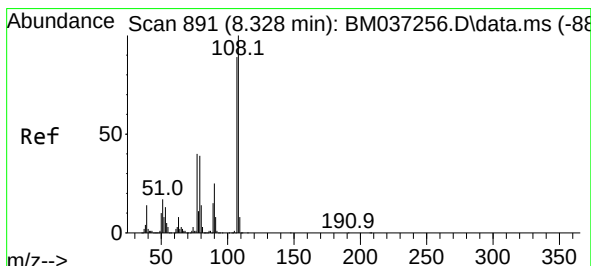
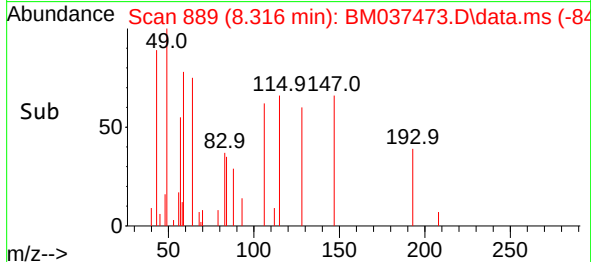
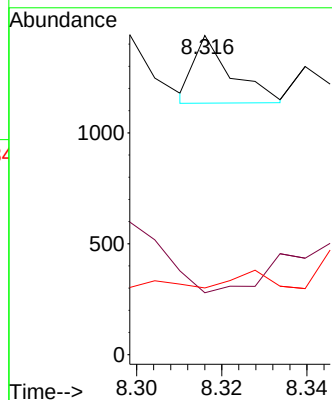
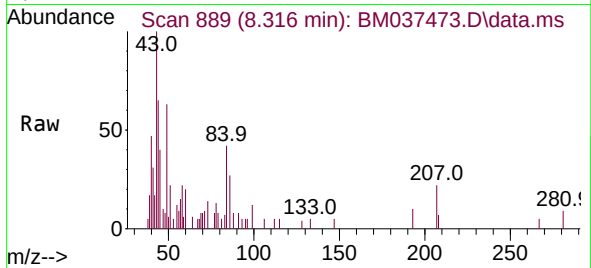




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.008 ng
RT: 8.316 min Scan# 81
Delta R.T. -0.029 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

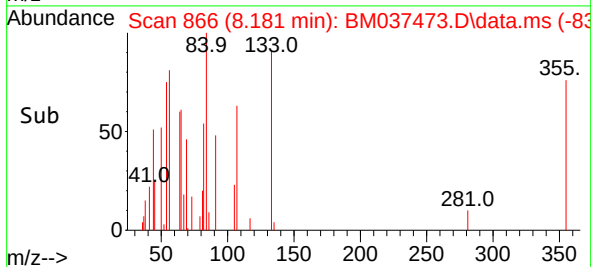
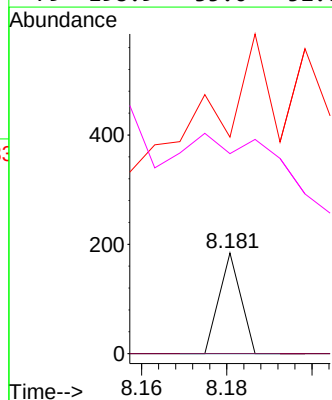
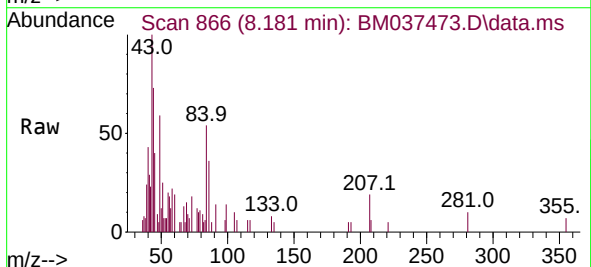
Instrument :
BNA_M
ClientSampleId :
2182RE

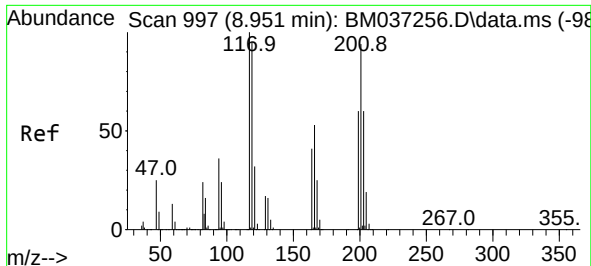
Tgt Ion:	45	Resp:	186
Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	34.0
79	20.9	0.0	30.6



#17
2-Methylphenol
Concen: 0.005 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.088 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:	107	Resp:	65
Ion	Ratio	Lower	Upper
107	100		
108	0.0	89.5	134.3#
77	215.2	36.2	54.2#
79	198.9	35.0	52.6#

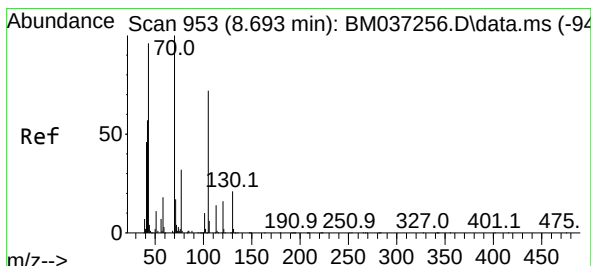
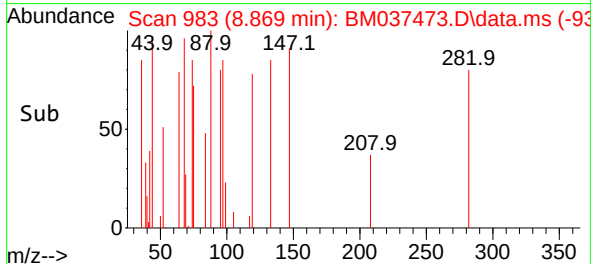
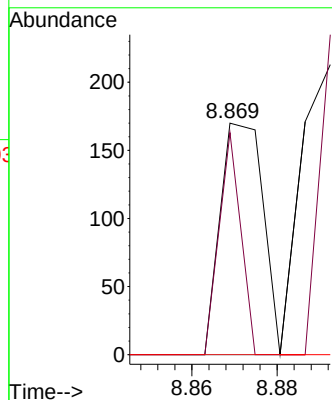
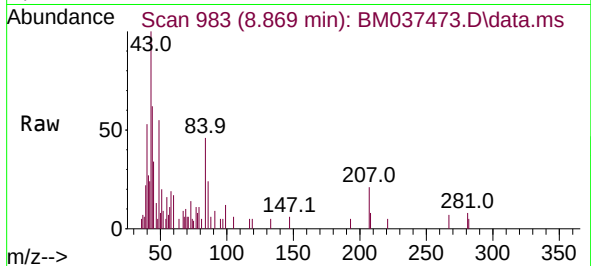




#18
Hexachloroethane
Concen: 0.018 ng
RT: 8.869 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

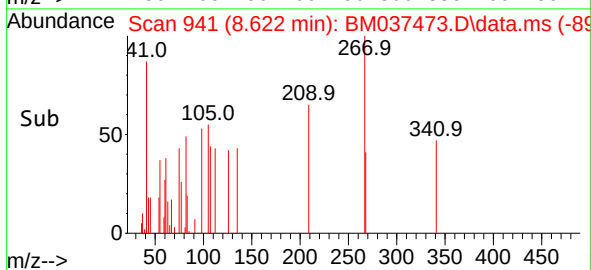
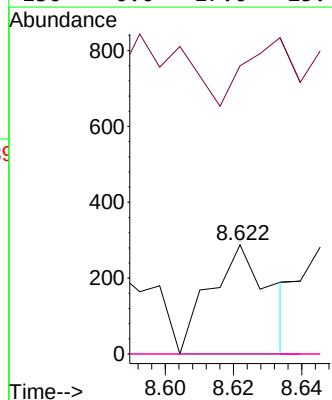
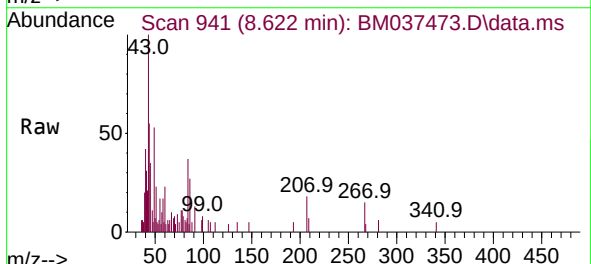
Instrument :
BNA_M
ClientSampleId :
2182RE

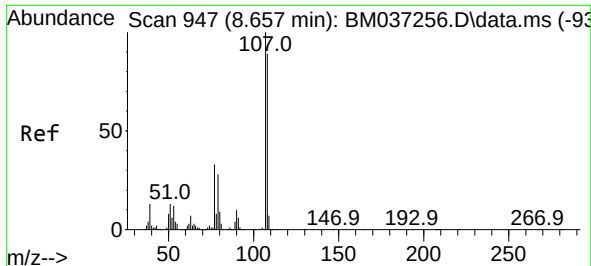
Tgt Ion:117 Resp: 118
Ion Ratio Lower Upper
117 100
119 95.9 75.9 113.9
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.101 ng
RT: 8.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion: 70 Resp: 350
Ion Ratio Lower Upper
70 100
42 263.9 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

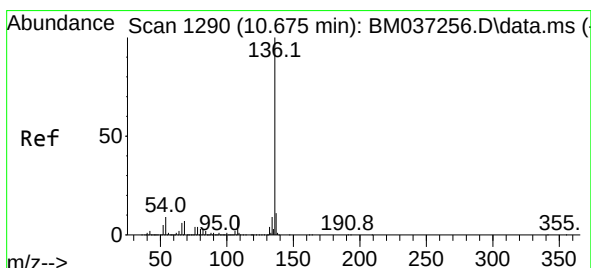
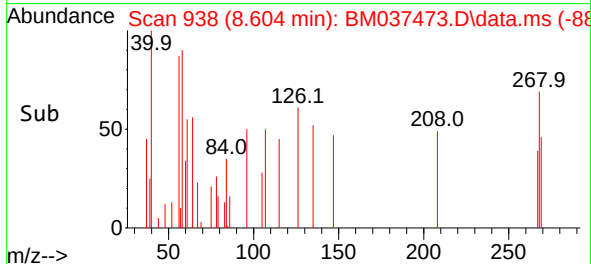
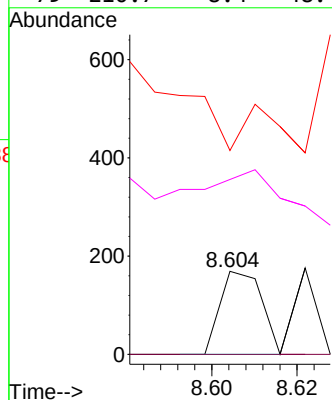
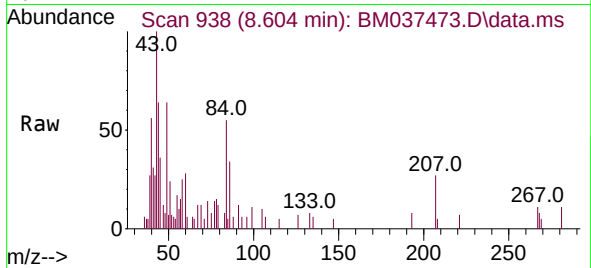




#20
3+4-Methylphenols
Concen: 0.006 ng
RT: 8.604 min Scan# 938
Delta R.T. 0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

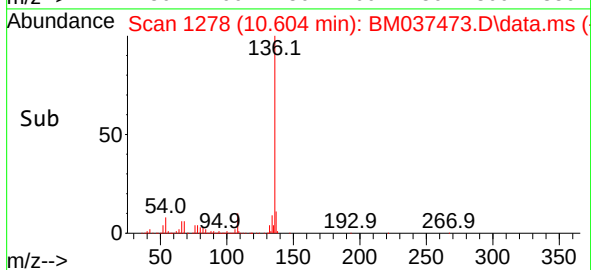
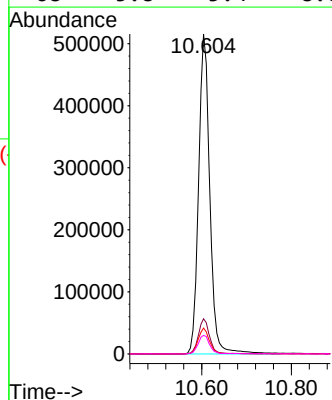
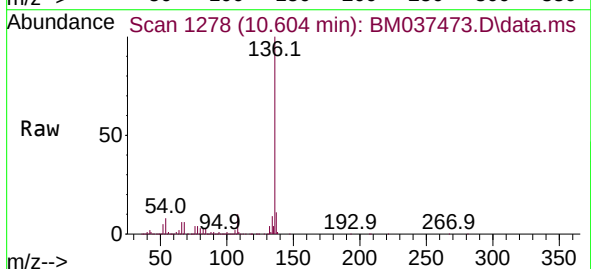
Instrument :
BNA_M
ClientSampleId :
2182RE

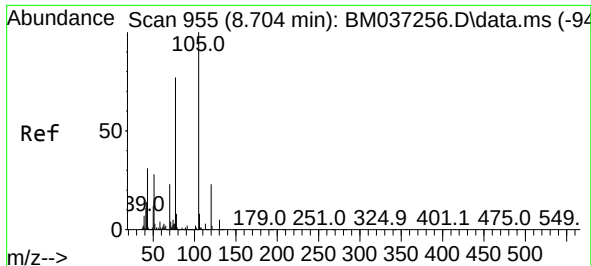
Tgt Ion:107 Resp: 114
Ion Ratio Lower Upper
107 100
108 0.0 69.4 109.4#
77 245.6 12.8 52.8#
79 210.7 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:136 Resp: 892129
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.1 7.0 10.4
68 5.8 5.4 8.0

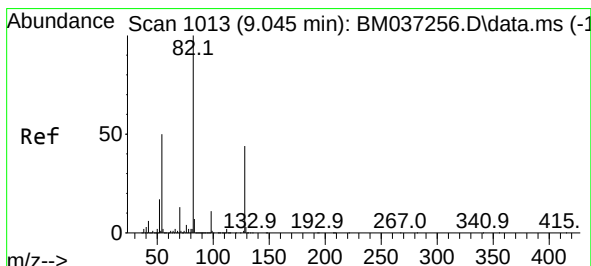
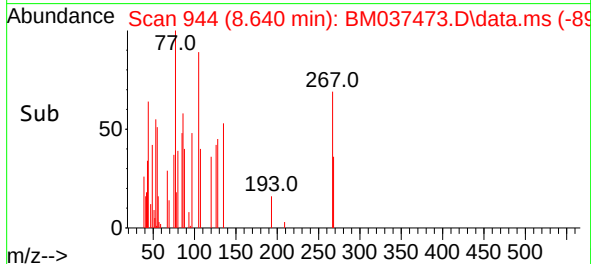
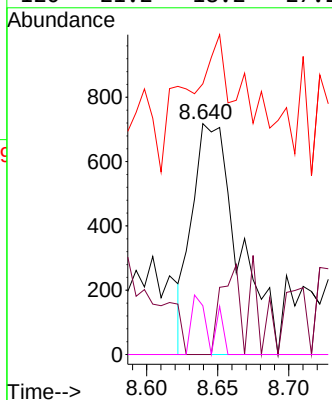
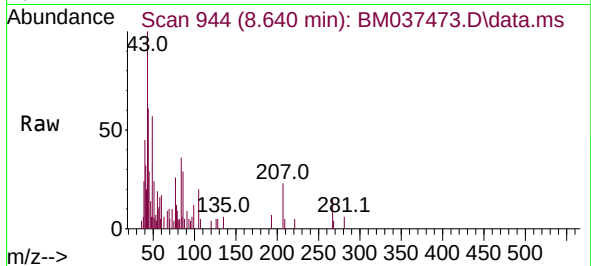




#22
Acetophenone
Concen: 0.071 ng
RT: 8.640 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

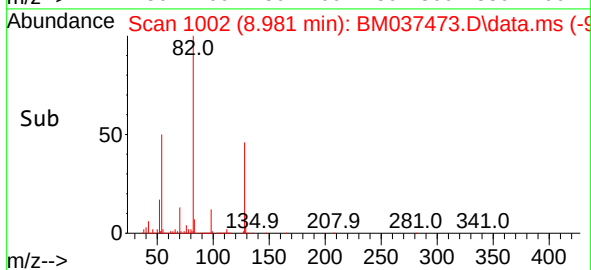
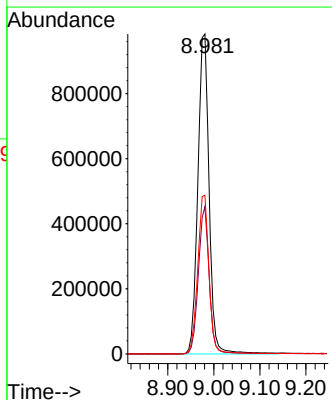
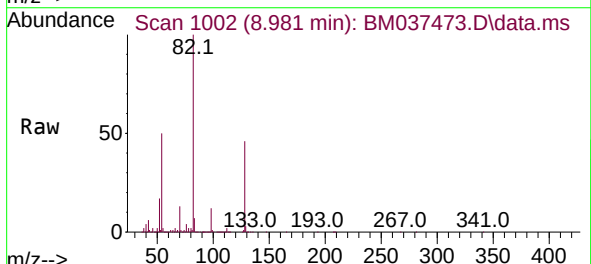
Instrument :
BNA_M
ClientSampleId :
2182RE

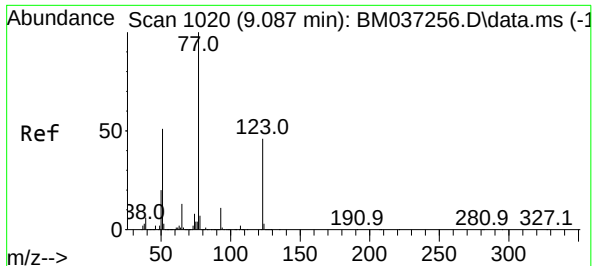
Tgt Ion:	105	Resp:	1642
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.0	4.4#
51	117.3	22.1	33.1#
120	21.2	18.2	27.2



#23
Nitrobenzene-d5
Concen: 94.093 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:	82	Resp:	1663809
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.2	52.8
54	49.6	40.4	60.6

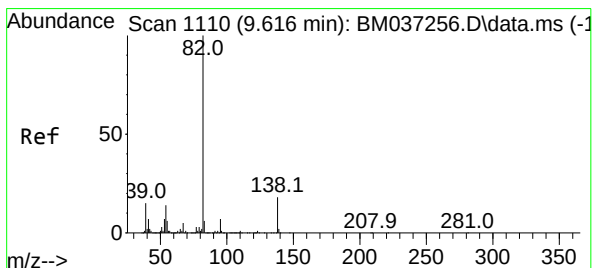
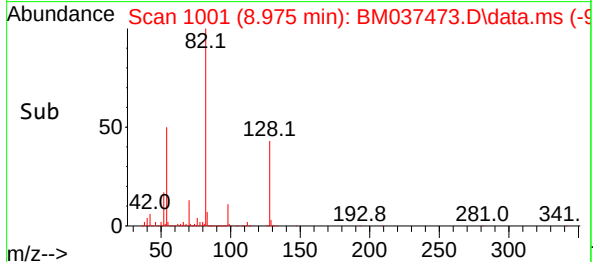
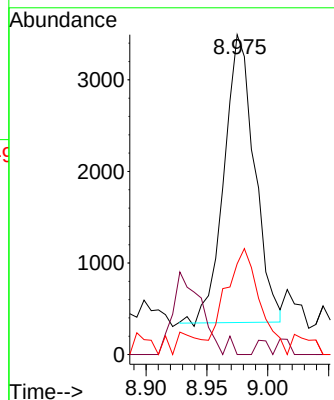
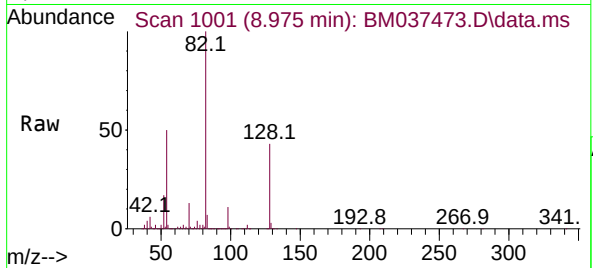




#24
Nitrobenzene
Concen: 0.305 ng
RT: 8.975 min Scan# 10
Delta R.T. -0.047 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

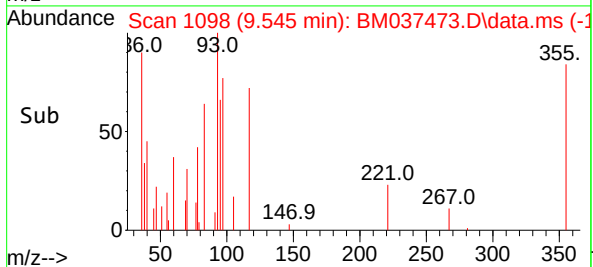
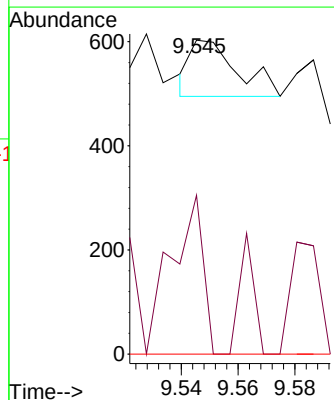
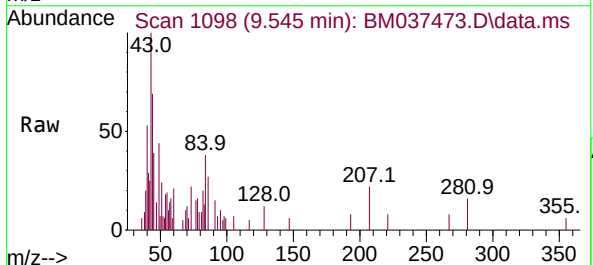
Instrument :
BNA_M
ClientSampleId :
2182RE

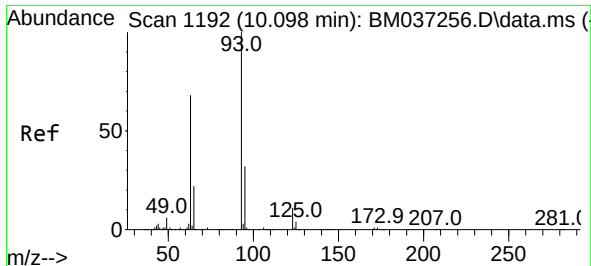
Tgt Ion: 77 Resp: 5472
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 28.4 10.6 16.0#



#25
Isophorone
Concen: 0.004 ng
RT: 9.545 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion: 82 Resp: 124
Ion Ratio Lower Upper
82 100
95 50.6 5.4 8.0#
138 0.0 14.2 21.4#

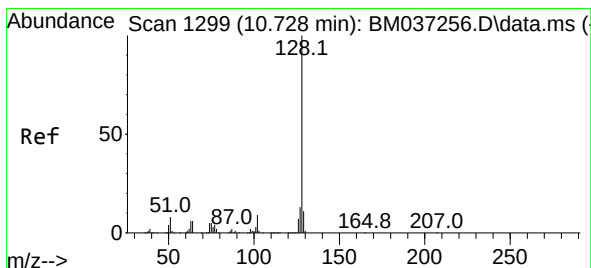
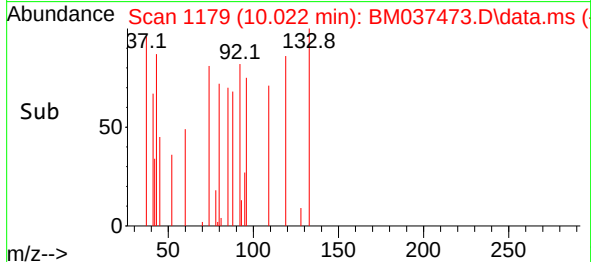
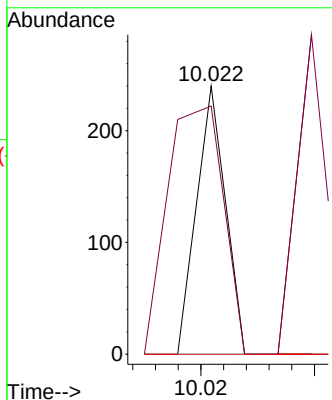
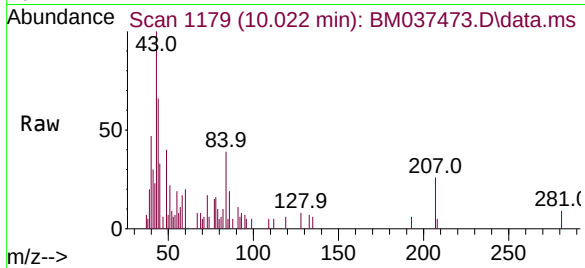




#28
bis(2-Chloroethoxy)methane
Concen: 0.005 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

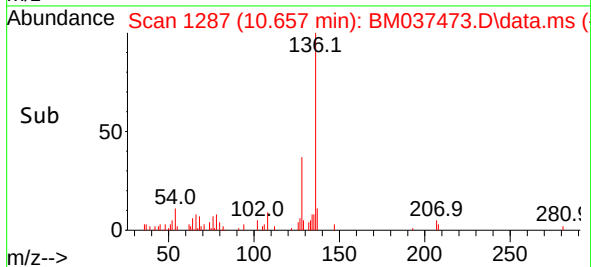
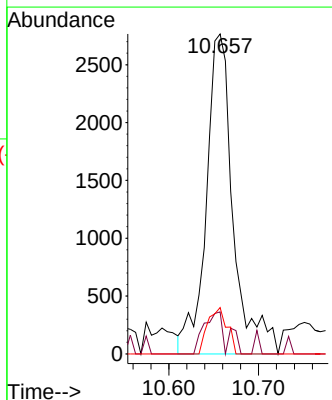
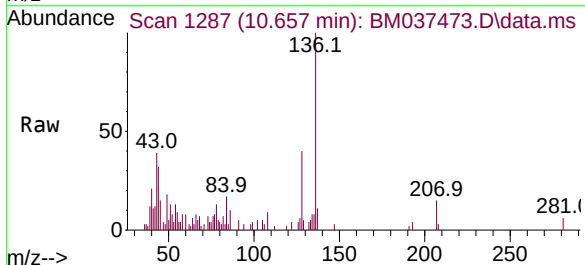
Instrument :
BNA_M
ClientSampleId :
2182RE

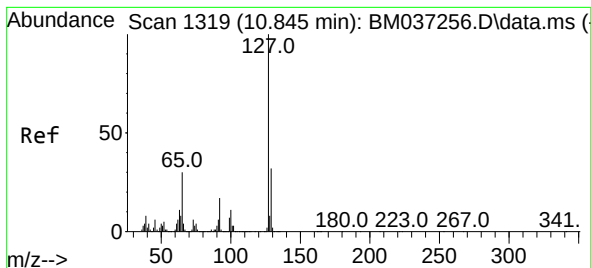
Tgt Ion: 93 Resp: 85
Ion Ratio Lower Upper
93 100
95 92.5 25.8 38.8#
123 0.0 9.3 13.9#



#31
Naphthalene
Concen: 0.114 ng
RT: 10.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion: 128 Resp: 5773
Ion Ratio Lower Upper
128 100
129 13.1 8.7 13.1#
127 14.5 10.2 15.2





#33

4-Chloroaniline

Concen: 0.009 ng

RT: 10.816 min Scan# 1314

Delta R.T. 0.030 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

Tgt Ion:127 Resp: 191

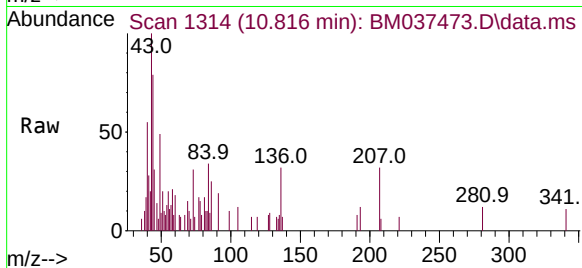
Ion Ratio Lower Upper

127 100

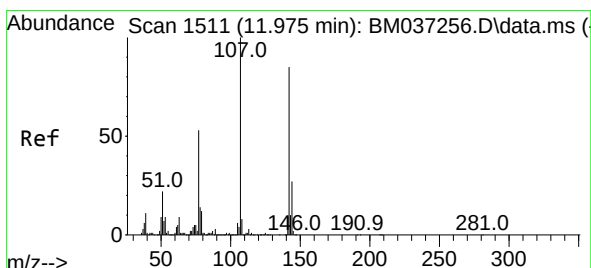
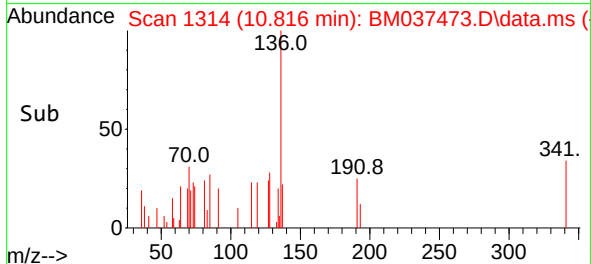
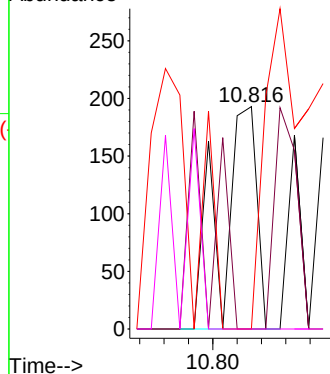
129 0.0 25.5 38.3#

65 0.0 24.0 36.0#

92 0.0 14.0 21.0#



Abundance



#36

4-Chloro-3-methylphenol

Concen: 0.004 ng

RT: 11.922 min Scan# 1502

Delta R.T. 0.000 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

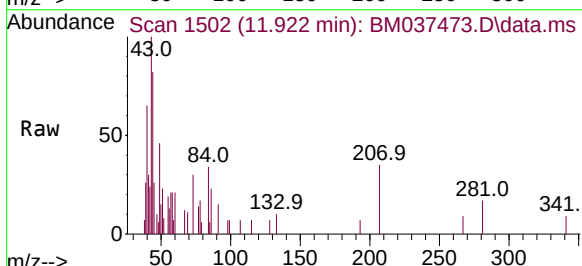
Tgt Ion:107 Resp: 60

Ion Ratio Lower Upper

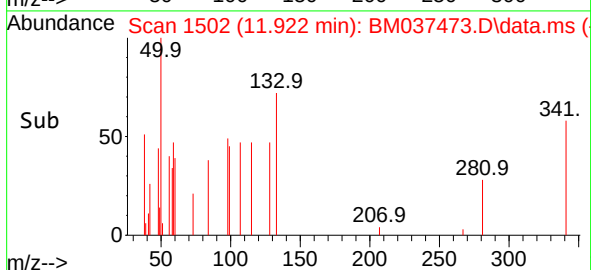
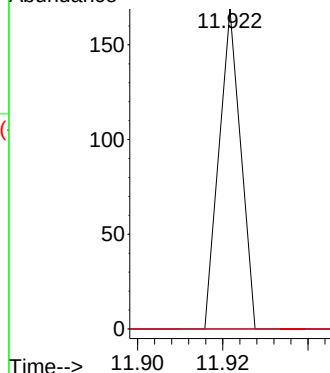
107 100

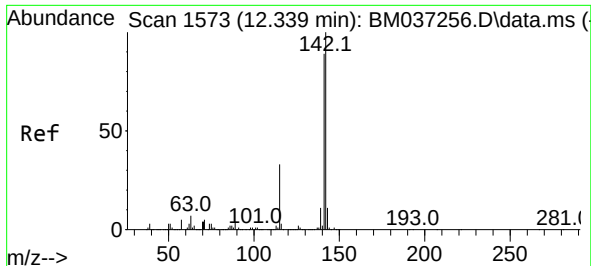
144 0.0 21.8 32.6#

142 0.0 68.1 102.1#



Abundance

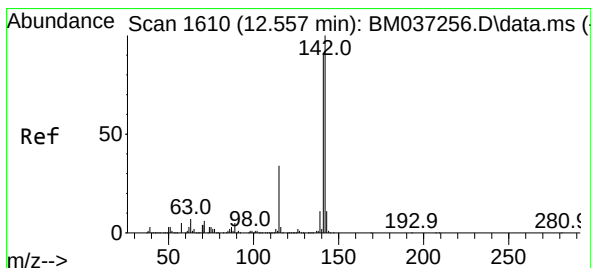
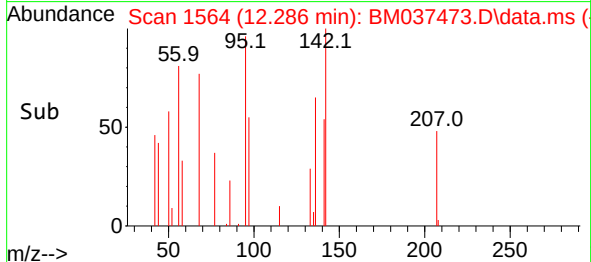
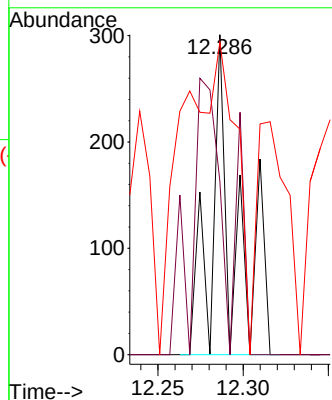
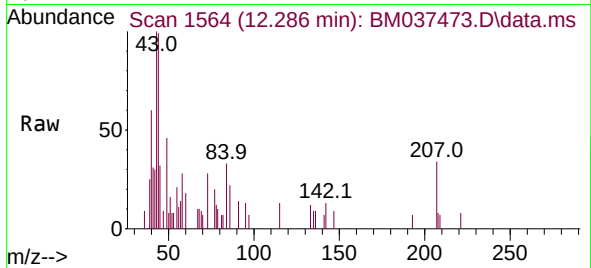




#37
2-Methylnaphthalene
Concen: 0.008 ng
RT: 12.286 min Scan# 1564
Delta R.T. 0.012 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

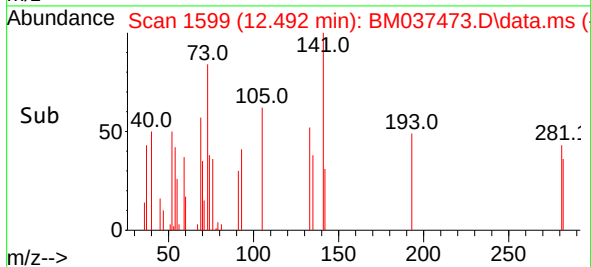
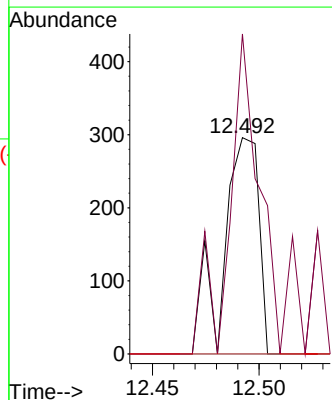
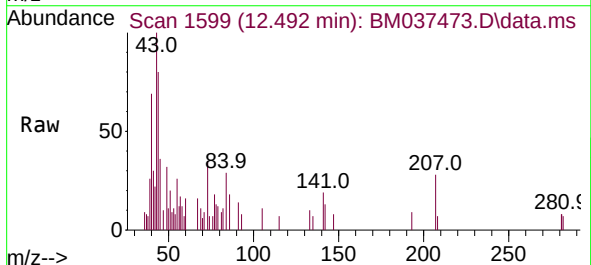
Instrument :
BNA_M
ClientSampleId :
2182RE

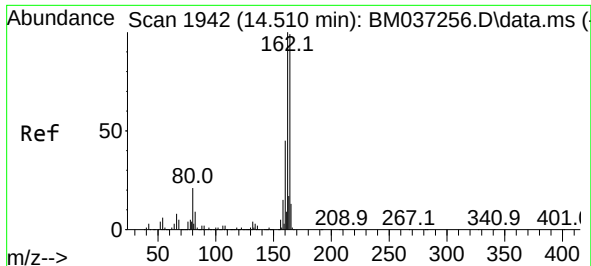
Tgt Ion:142 Resp: 285
Ion Ratio Lower Upper
142 100
141 54.2 71.3 106.9#
115 97.7 26.0 39.0#



#38
1-Methylnaphthalene
Concen: 0.010 ng
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:142 Resp: 342
Ion Ratio Lower Upper
142 100
141 148.0 73.0 109.6#
116 0.0 2.8 4.2#

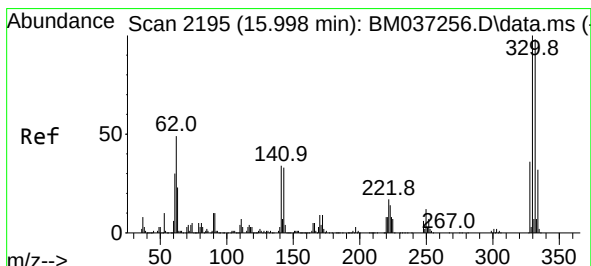
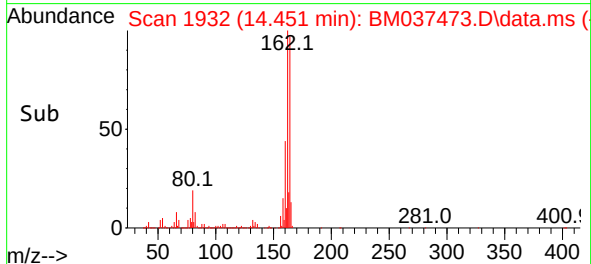
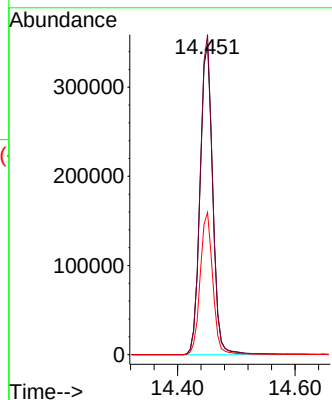
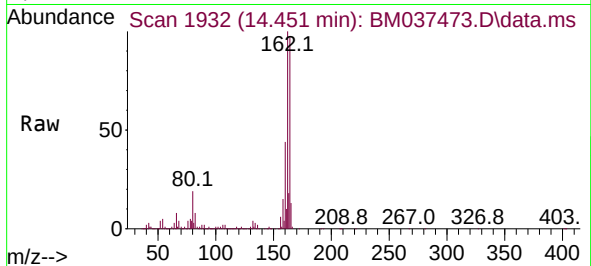




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

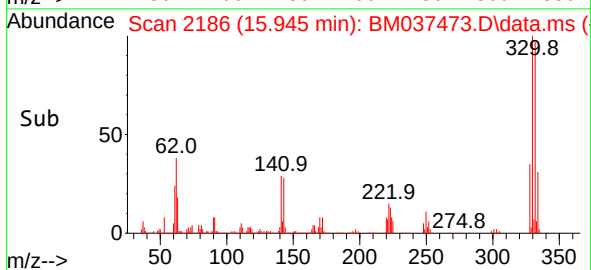
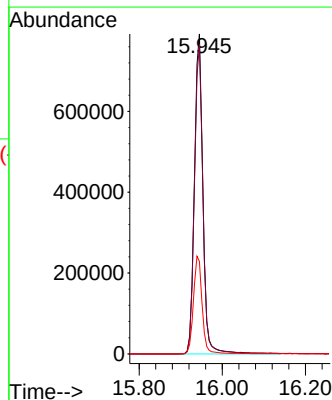
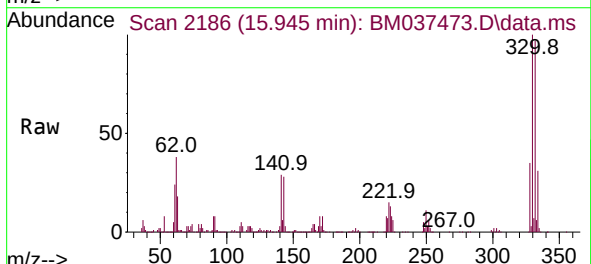
Instrument :
BNA_M
ClientSampleId :
2182RE

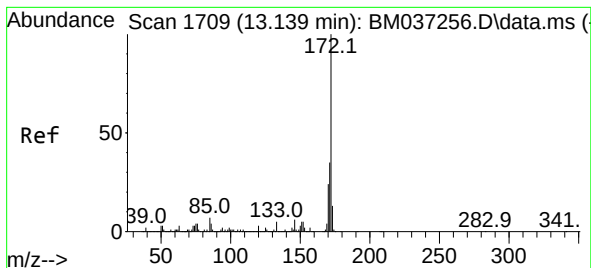
Tgt Ion:164 Resp: 519777
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 45.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 183.342 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:330 Resp: 1123041
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 31.2 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 98.375 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

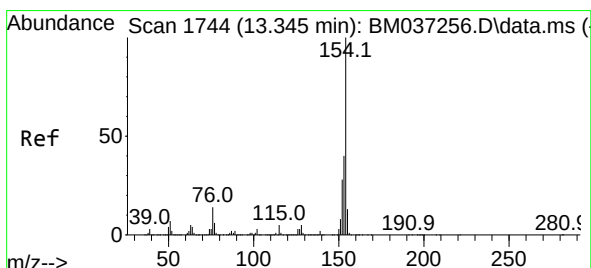
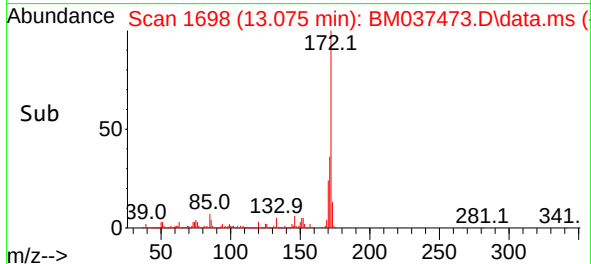
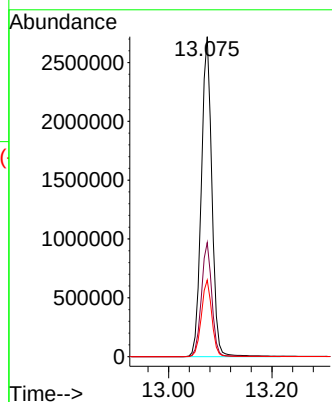
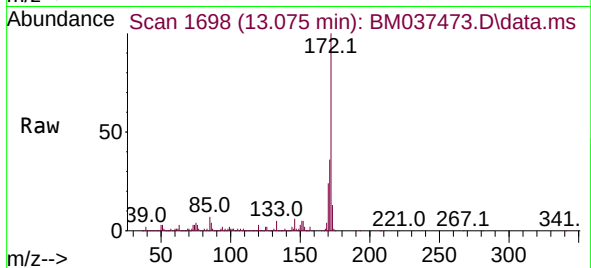
Tgt Ion:172 Resp: 3848373

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 0.009 ng

RT: 13.292 min Scan# 1735

Delta R.T. 0.006 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

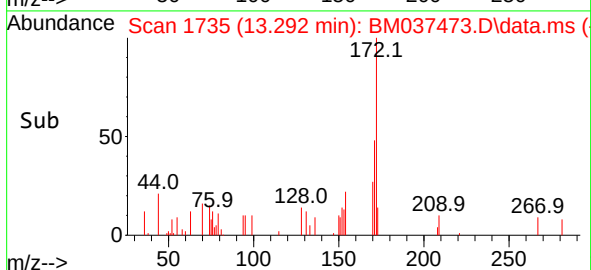
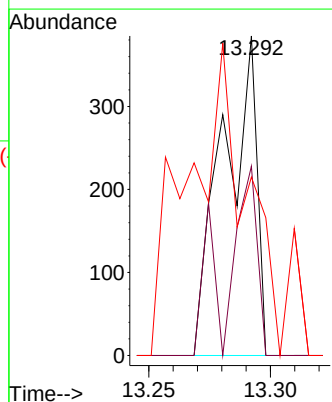
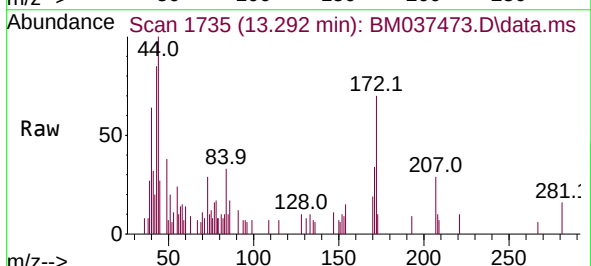
Tgt Ion:154 Resp: 366

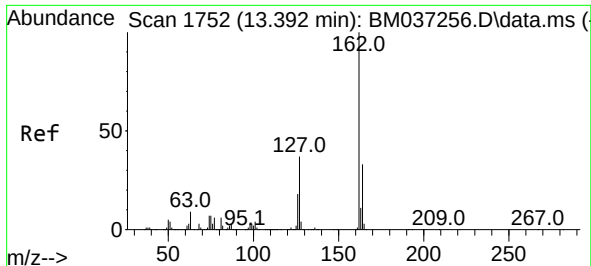
Ion Ratio Lower Upper

154 100

153 59.2 20.3 60.3

76 55.8 0.0 33.7#





#47

2-Chloronaphthalene

Concen: 0.005 ng

RT: 13.316 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

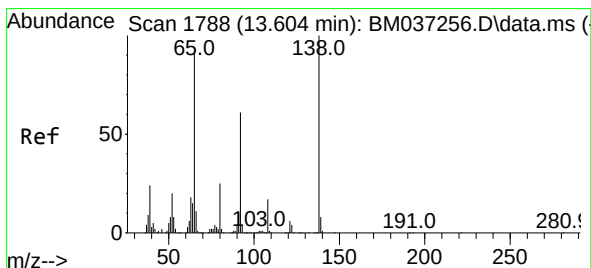
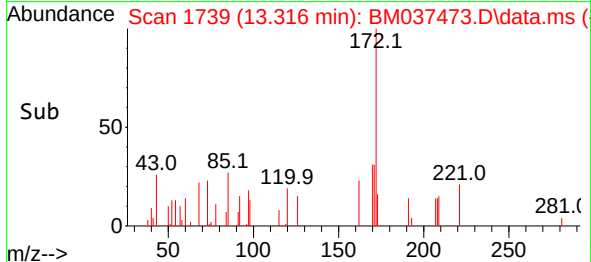
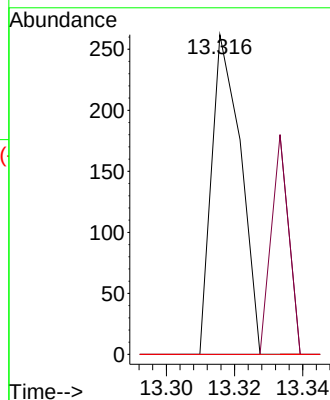
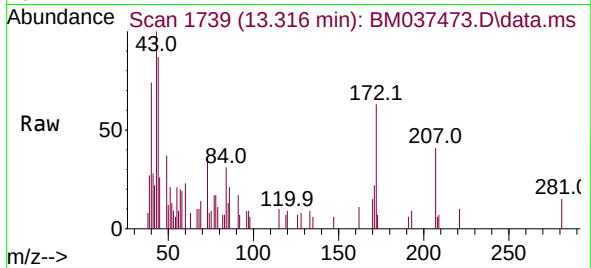
Tgt Ion:162 Resp: 155

Ion Ratio Lower Upper

162 100

127 0.0 29.5 44.3#

164 0.0 26.3 39.5#



#48

2-Nitroaniline

Concen: 0.032 ng

RT: 13.545 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

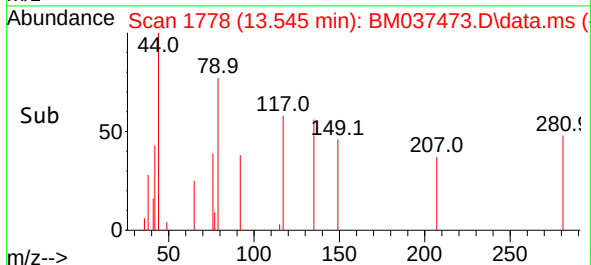
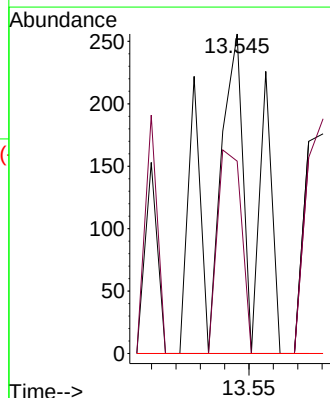
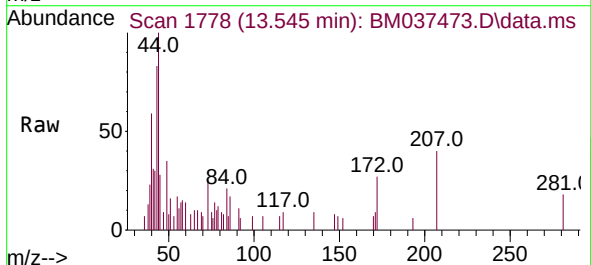
Tgt Ion: 65 Resp: 311

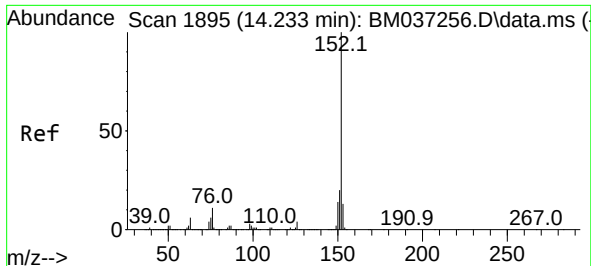
Ion Ratio Lower Upper

65 100

92 60.2 53.7 80.5

138 0.0 87.4 131.2#

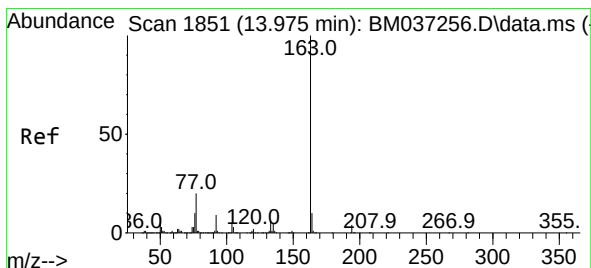
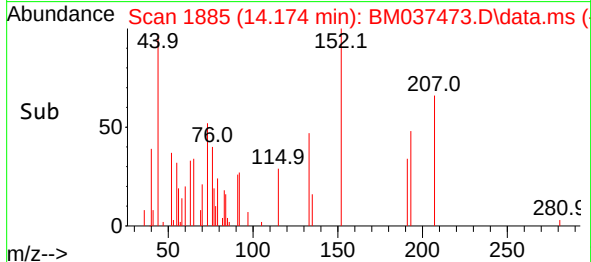
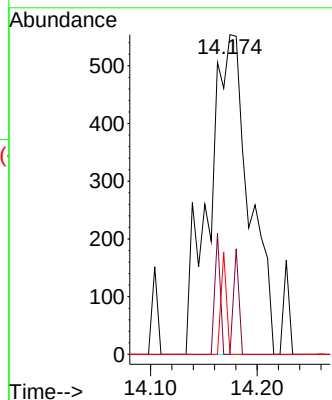
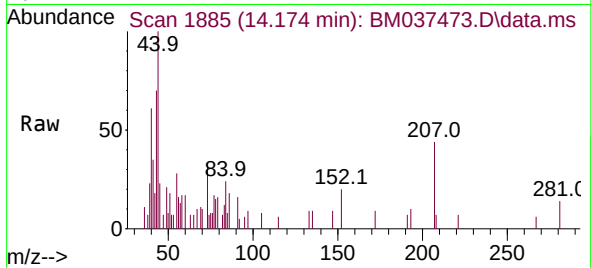




#49
Acenaphthylene
Concen: 0.028 ng
RT: 14.174 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

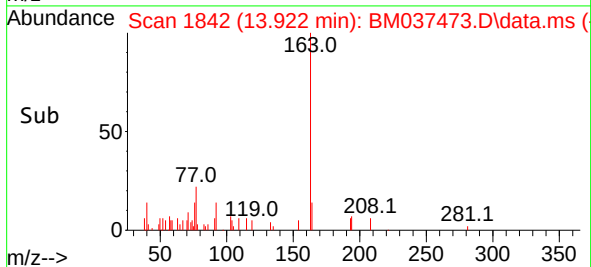
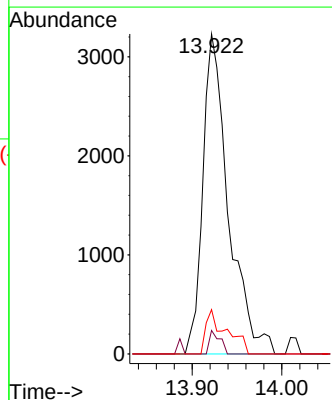
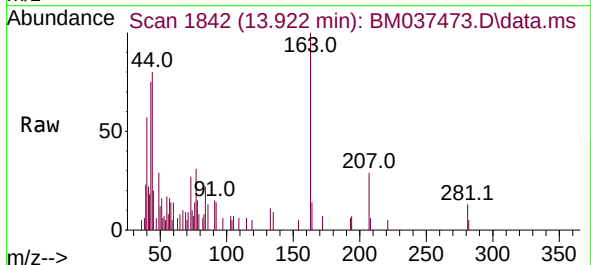
Instrument :
BNA_M
ClientSampleId :
2182RE

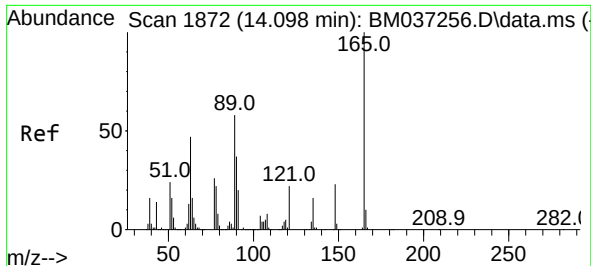
Tgt Ion:152 Resp: 1463
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 0.0 10.6 15.8#



#50
Dimethylphthalate
Concen: 0.162 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:163 Resp: 6413
Ion Ratio Lower Upper
163 100
194 7.3 3.0 4.6#
164 13.8 8.2 12.2#

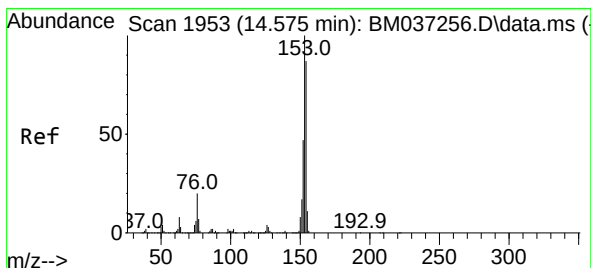
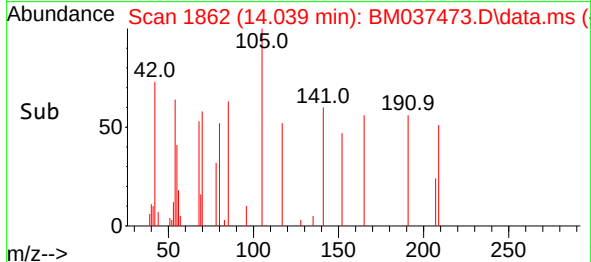
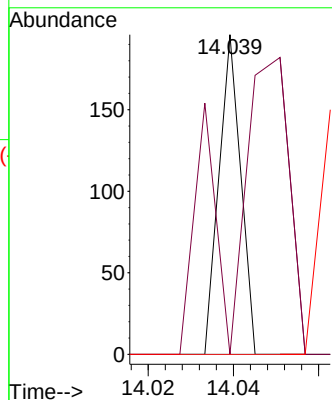
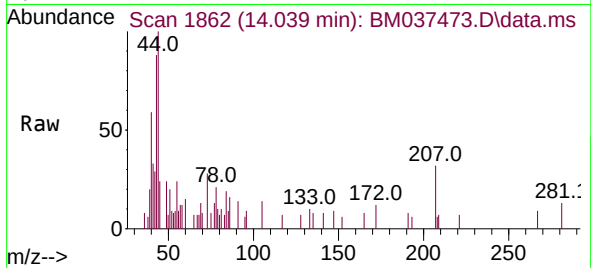




#51
2,6-Dinitrotoluene
Concen: 0.008 ng
RT: 14.039 min Scan# 1872
Delta R.T. -0.012 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

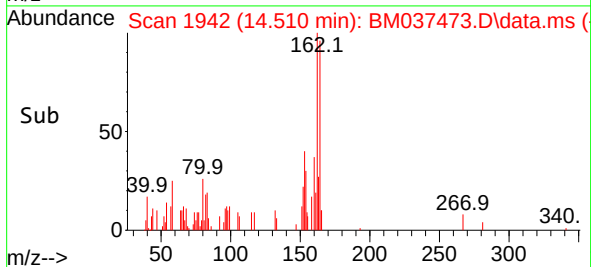
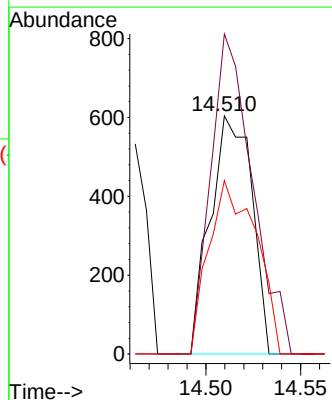
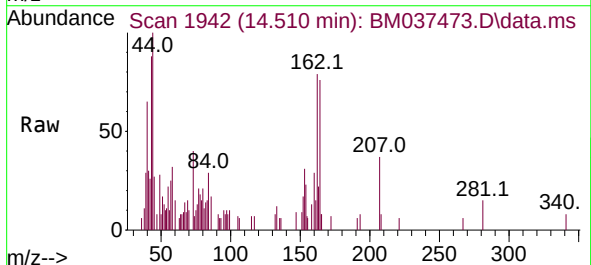
Instrument :
BNA_M
ClientSampleId :
2182RE

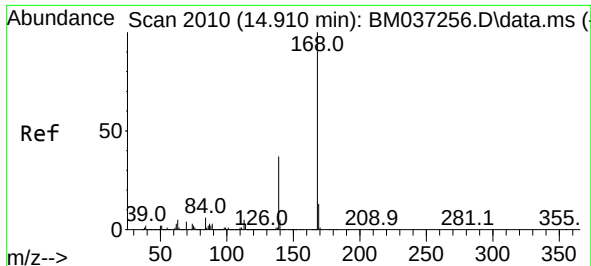
Tgt Ion:165 Resp: 69
Ion Ratio Lower Upper
165 100
63 0.0 46.2 69.2#
89 0.0 46.6 69.8#



#52
Acenaphthene
Concen: 0.029 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:154 Resp: 923
Ion Ratio Lower Upper
154 100
153 134.4 91.5 137.3
152 72.8 43.0 64.6#

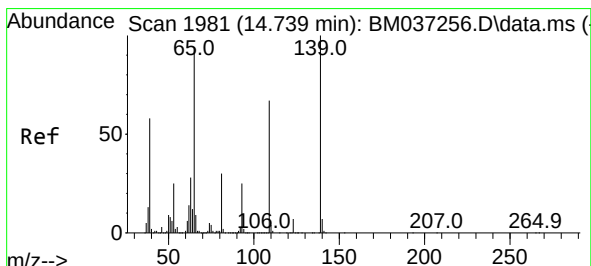
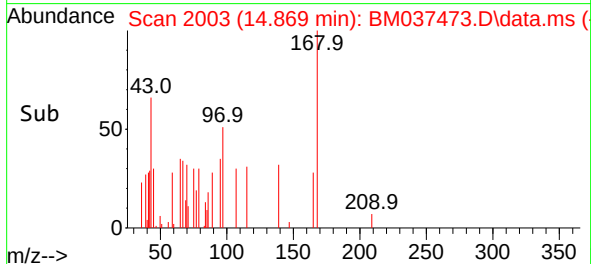
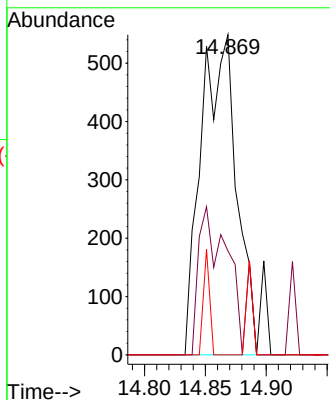
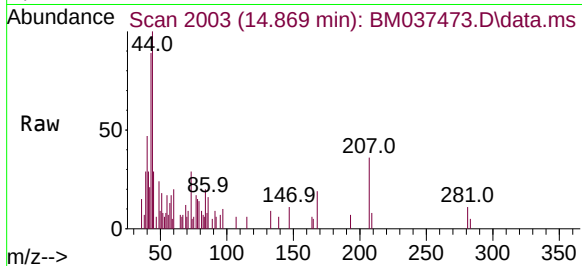




#55
Dibenzofuran
Concen: 0.024 ng
RT: 14.869 min Scan# 20
Delta R.T. 0.018 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

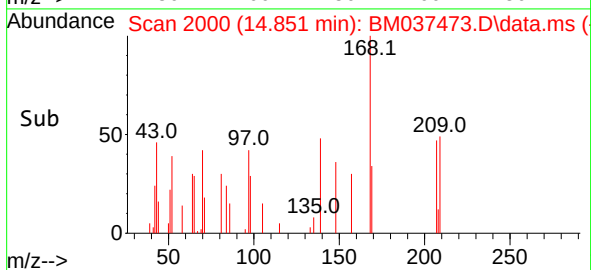
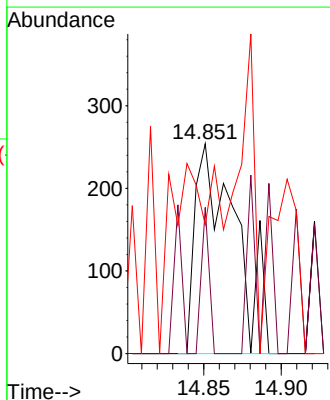
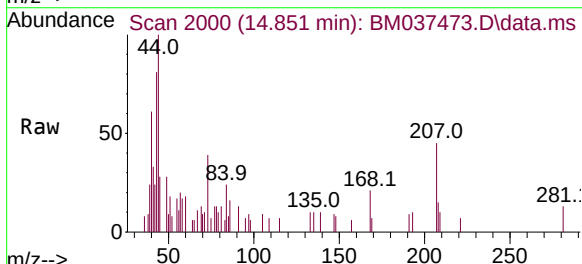
Instrument :
BNA_M
ClientSampleId :
2182RE

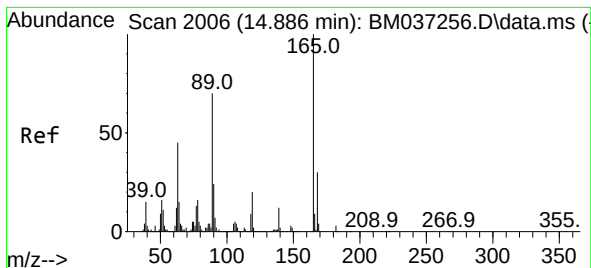
Tgt Ion:168 Resp: 1170
Ion Ratio Lower Upper
168 100
139 32.4 29.3 43.9
169 0.0 10.6 16.0#



#56
4-Nitrophenol
Concen: 0.062 ng
RT: 14.851 min Scan# 2000
Delta R.T. 0.147 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:139 Resp: 461
Ion Ratio Lower Upper
139 100
109 69.7 47.4 87.4
65 61.4 73.8 113.8#

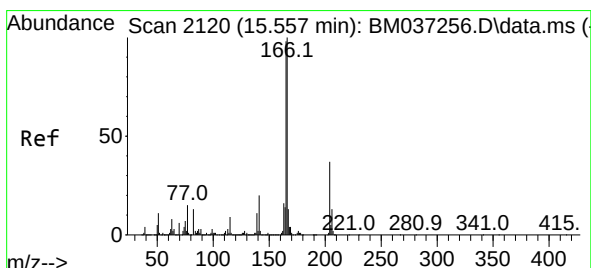
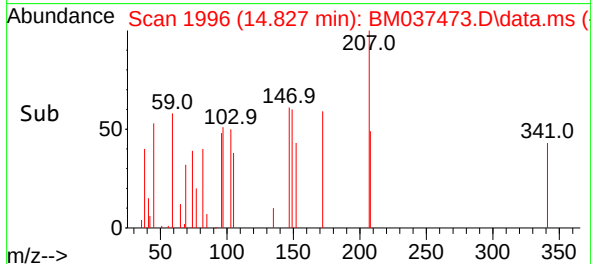
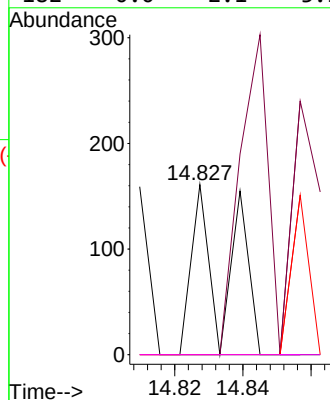
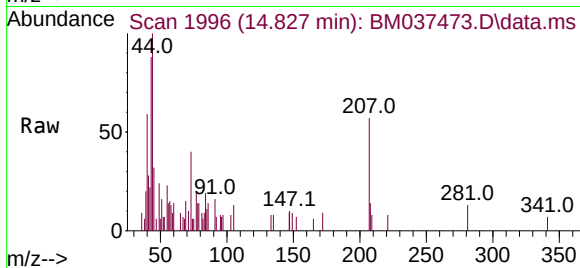




#57
2,4-Dinitrotoluene
Concen: 0.010 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

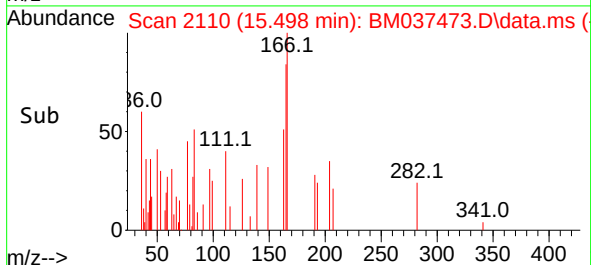
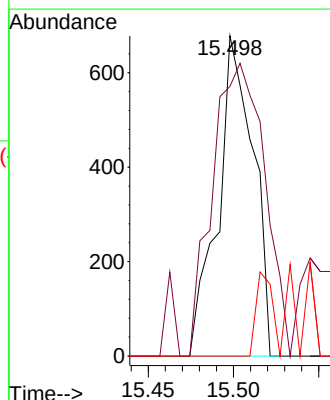
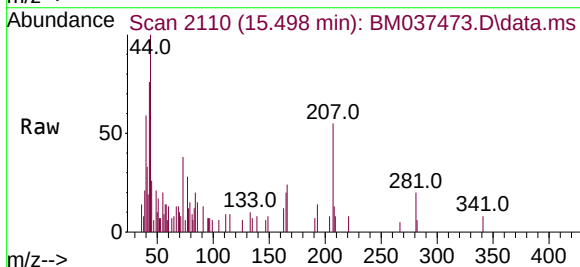
Instrument :
BNA_M
ClientSampleId :
2182RE

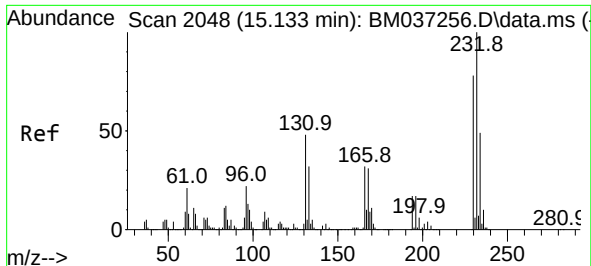
Tgt Ion:165 Resp: 112
Ion Ratio Lower Upper
165 100
63 0.0 36.3 54.5#
89 0.0 56.3 84.5#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 0.024 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:166 Resp: 975
Ion Ratio Lower Upper
166 100
165 84.2 78.2 117.4
167 0.0 10.6 15.8#

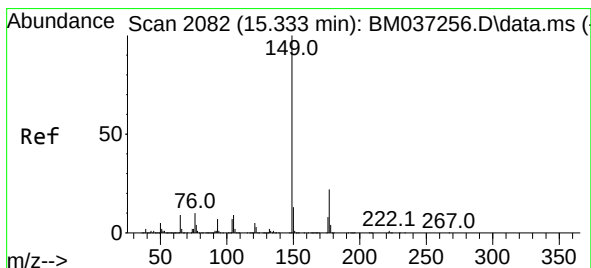
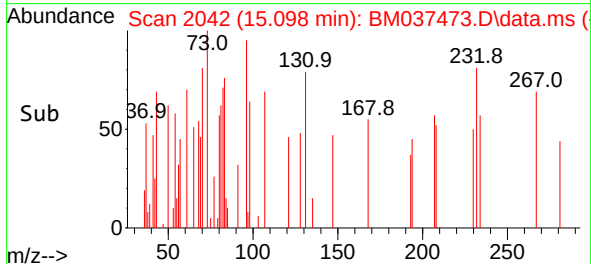
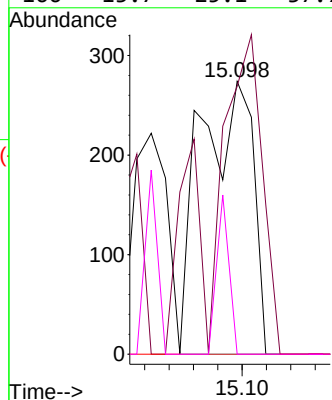
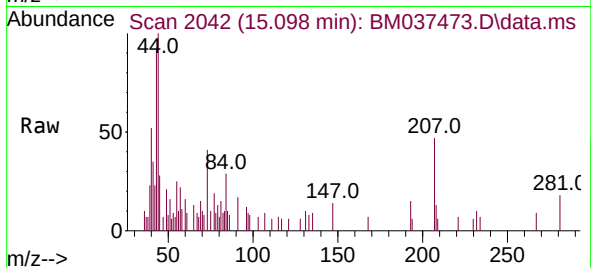




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.041 ng
RT: 15.098 min Scan# 2042
Delta R.T. 0.012 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

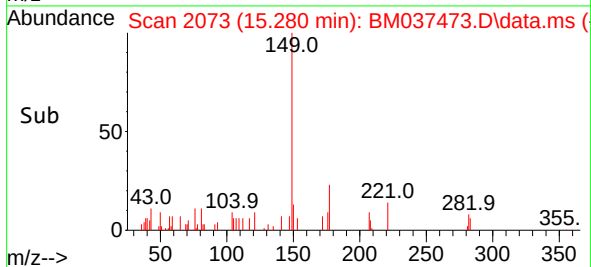
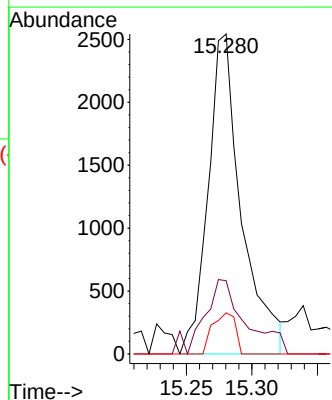
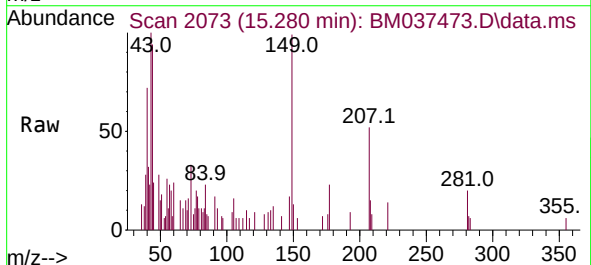
Instrument :
BNA_M
ClientSampleId :
2182RE

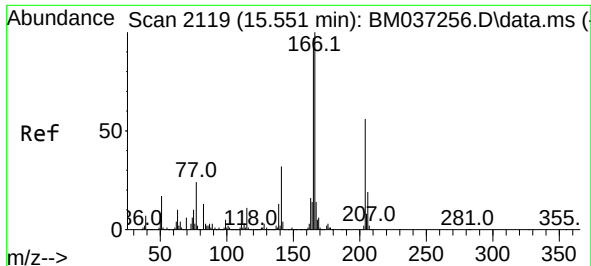
Tgt Ion:232 Resp: 410
Ion Ratio Lower Upper
232 100
131 83.4 37.8 56.8#
130 0.0 1.9 2.9#
166 13.7 25.1 37.7#



#60
Diethylphthalate
Concen: 0.116 ng
RT: 15.280 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:149 Resp: 4494
Ion Ratio Lower Upper
149 100
177 22.9 17.4 26.0
150 12.9 10.0 15.0

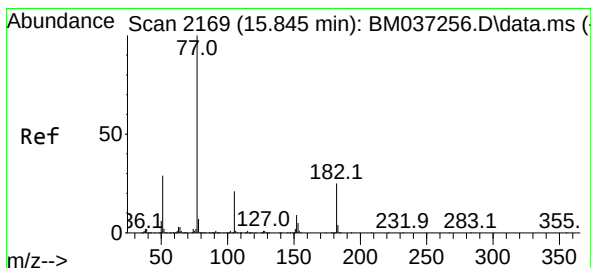
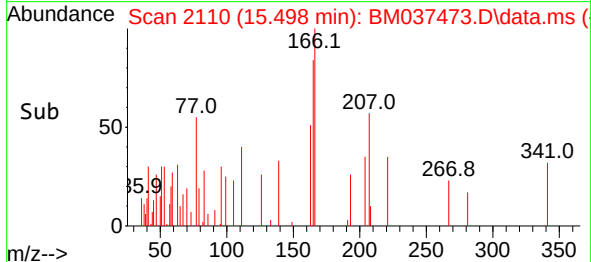
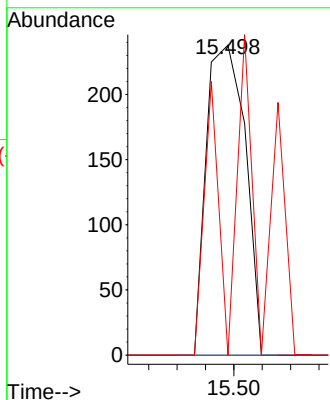
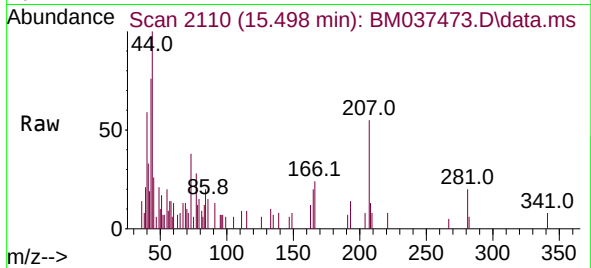




#61
4-Chlorophenyl-phenylether
Concen: 0.012 ng
RT: 15.498 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

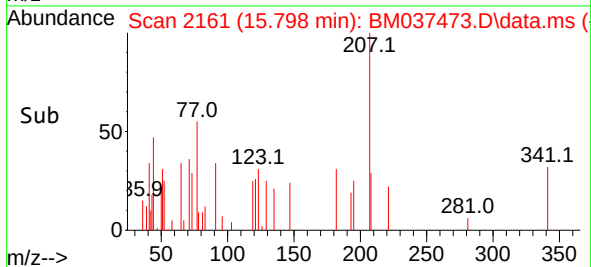
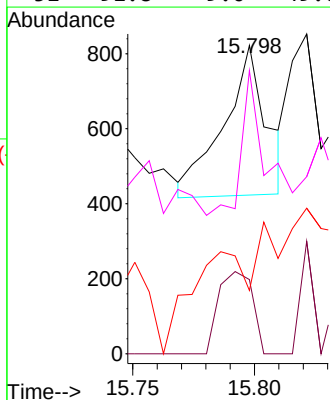
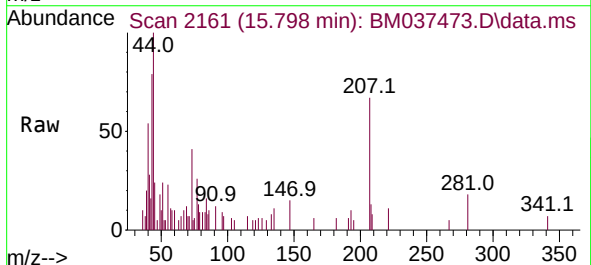
Instrument :
BNA_M
ClientSampleId :
2182RE

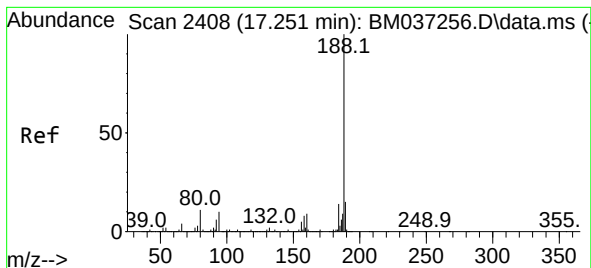
Tgt Ion: 204 Resp: 226
Ion Ratio Lower Upper
204 100
206 0.0 26.6 39.8#
141 0.0 45.2 67.8#



#63
Azobenzene
Concen: 0.013 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion: 77 Resp: 484
Ion Ratio Lower Upper
77 100
182 24.1 5.1 45.1
105 20.6 0.5 40.5
51 91.8 9.0 49.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

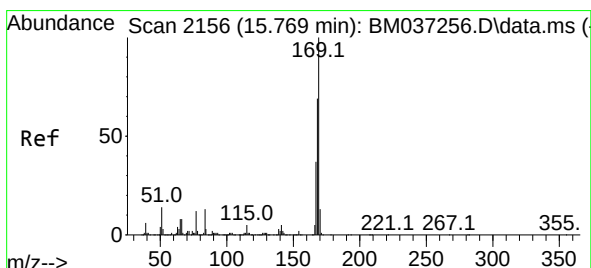
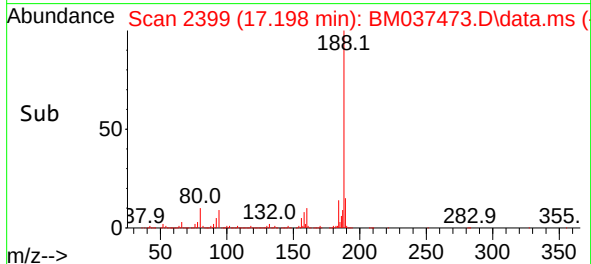
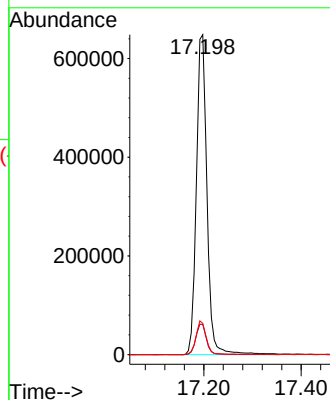
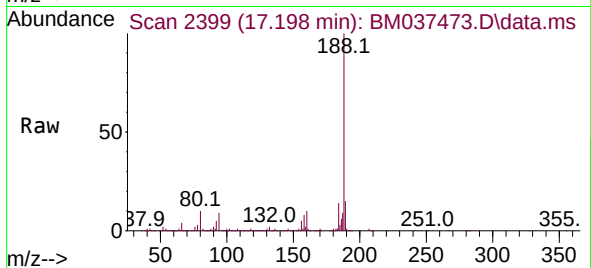
Tgt Ion:188 Resp: 974253

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 9.8 8.5 12.7



#66

n-Nitrosodiphenylamine

Concen: 0.978 ng

RT: 15.939 min Scan# 2185

Delta R.T. 0.224 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

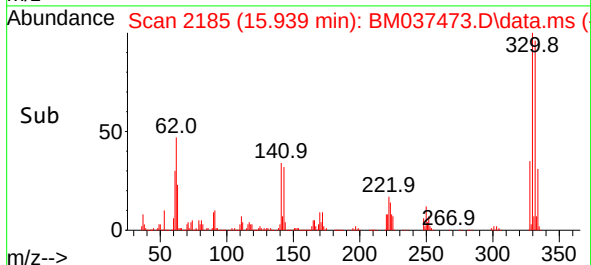
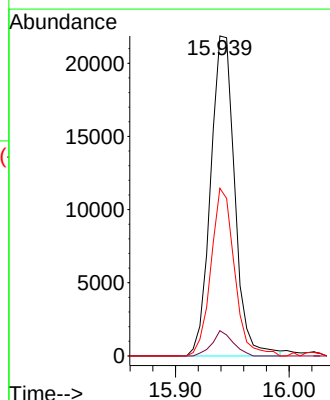
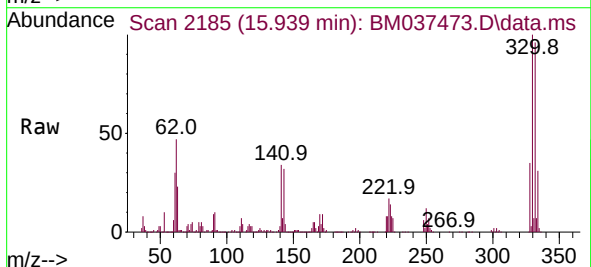
Tgt Ion:169 Resp: 32200

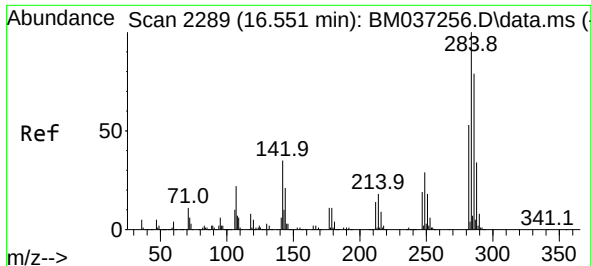
Ion Ratio Lower Upper

169 100

168 7.9 54.8 82.2#

167 52.4 29.5 44.3#

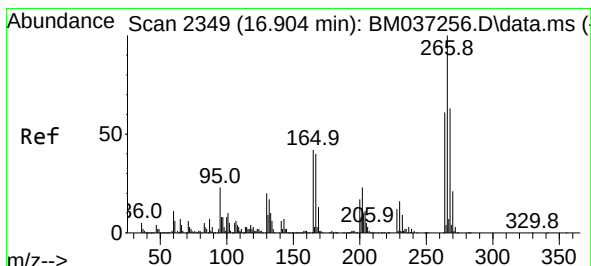
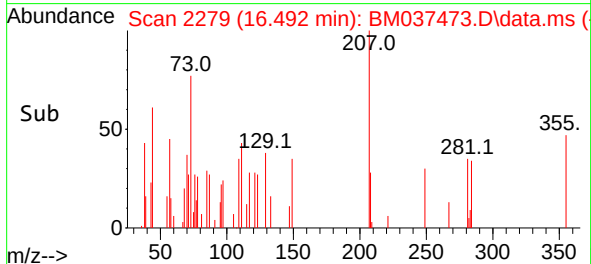
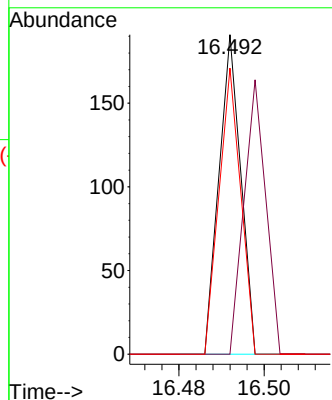
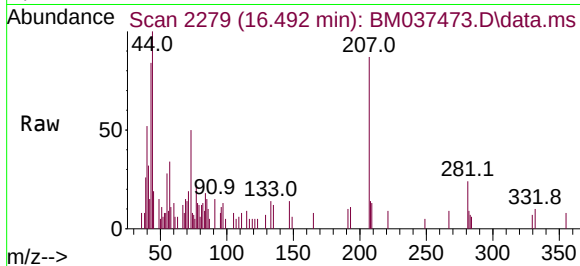




#68
Hexachlorobenzene
Concen: 0.005 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

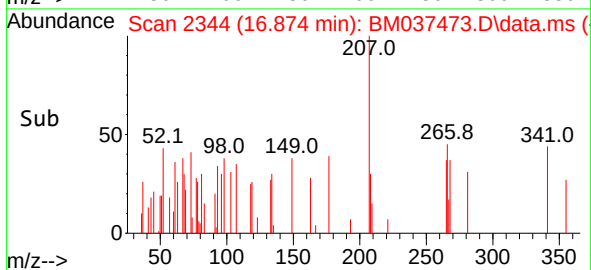
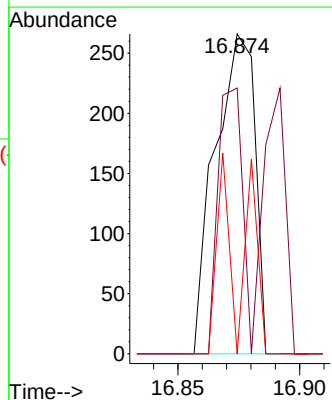
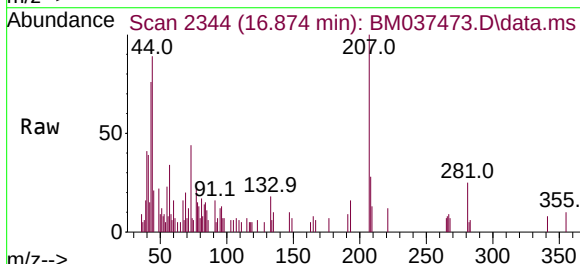
Instrument :
BNA_M
ClientSampleId :
2182RE

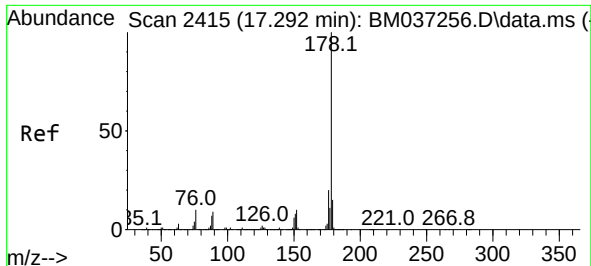
Tgt Ion:284 Resp: 67
Ion Ratio Lower Upper
284 100
142 0.0 28.2 42.4#
249 89.5 23.1 34.7#



#70
Pentachlorophenol
Concen: 0.039 ng
RT: 16.874 min Scan# 2344
Delta R.T. 0.024 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:266 Resp: 303
Ion Ratio Lower Upper
266 100
268 83.1 50.7 76.1#
264 0.0 49.1 73.7#

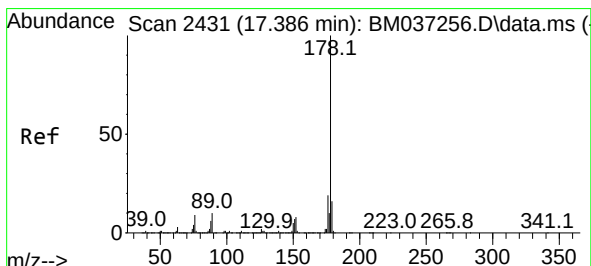
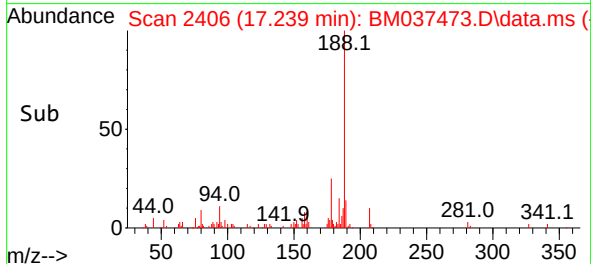
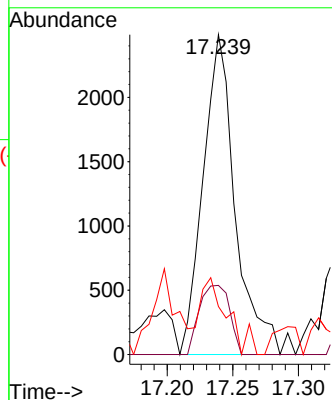
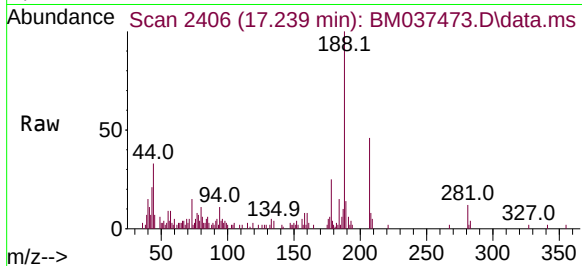




#71
Phenanthrene
Concen: 0.070 ng
RT: 17.239 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

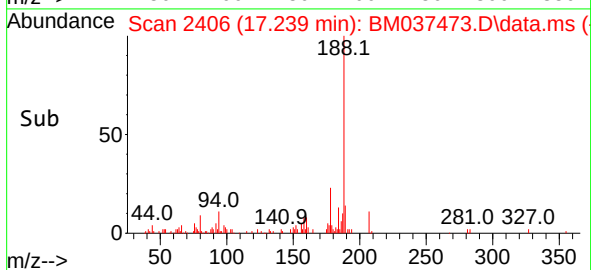
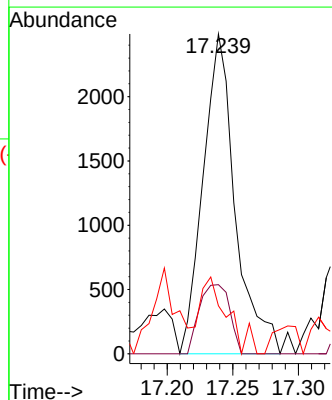
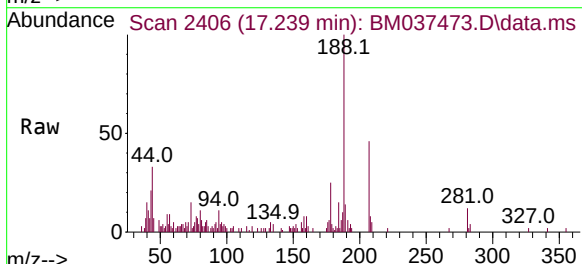
Instrument :
BNA_M
ClientSampleId :
2182RE

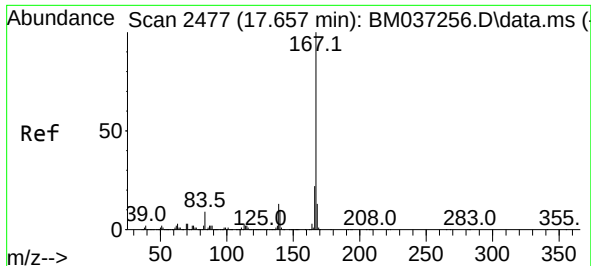
Tgt Ion:178 Resp: 4232
Ion Ratio Lower Upper
178 100
176 21.6 15.6 23.4
179 15.0 12.4 18.6



#72
Anthracene
Concen: 0.074 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.094 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:178 Resp: 4232
Ion Ratio Lower Upper
178 100
176 21.6 15.4 23.0
179 15.0 12.6 19.0

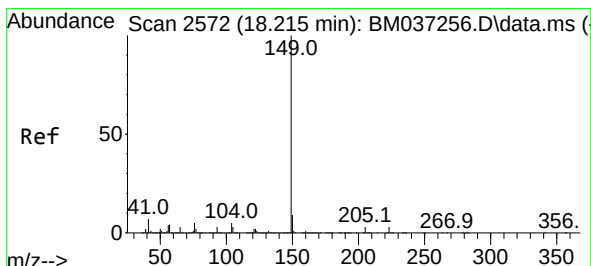
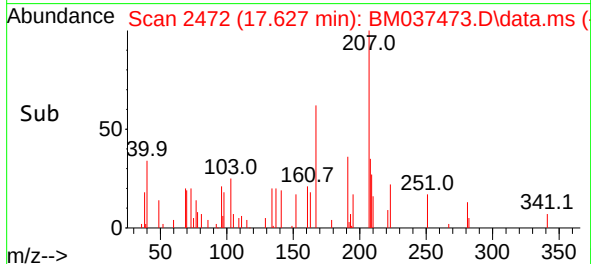
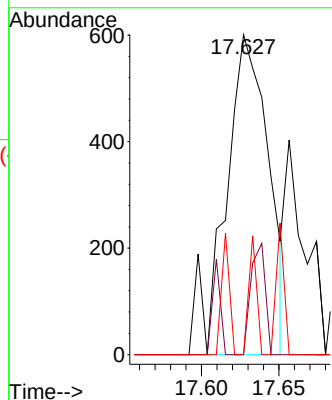
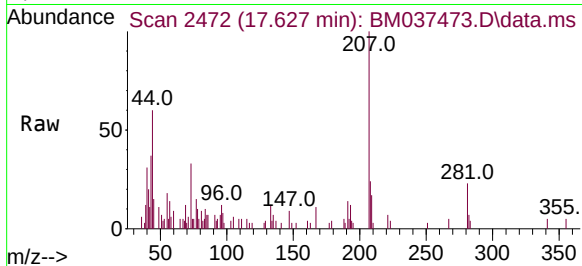




#73
Carbazole
Concen: 0.022 ng
RT: 17.627 min Scan# 24
Delta R.T. 0.018 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

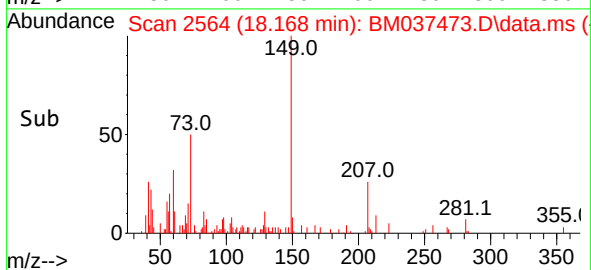
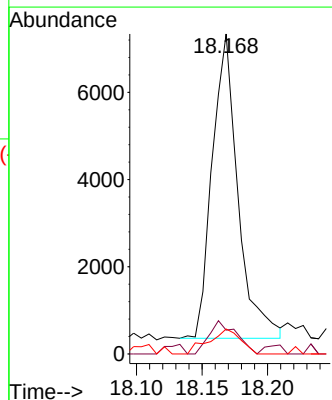
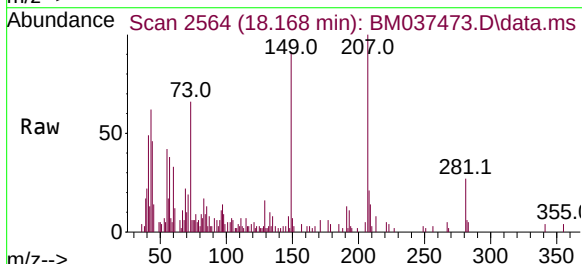
Instrument :
BNA_M
ClientSampleId :
2182RE

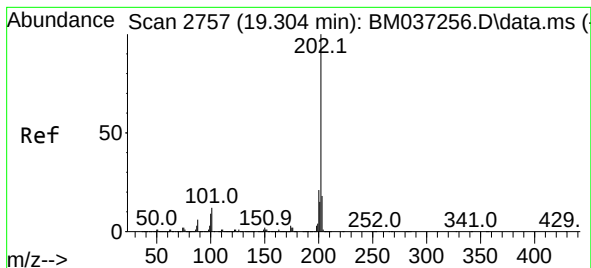
Tgt Ion:167 Resp: 1167
Ion Ratio Lower Upper
167 100
166 0.0 17.4 26.2#
139 0.0 10.4 15.6#



#74
Di-n-butylphthalate
Concen: 0.164 ng
RT: 18.168 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:149 Resp: 9534
Ion Ratio Lower Upper
149 100
150 7.4 7.4 11.0
104 7.8 4.0 6.0#





#75

Fluoranthene

Concen: 0.080 ng

RT: 19.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

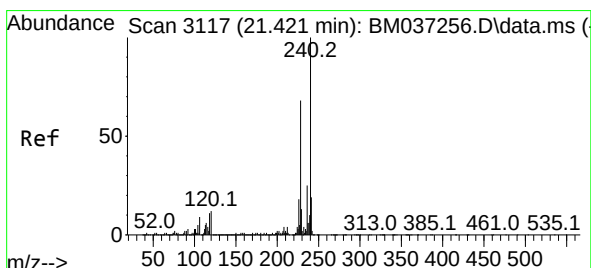
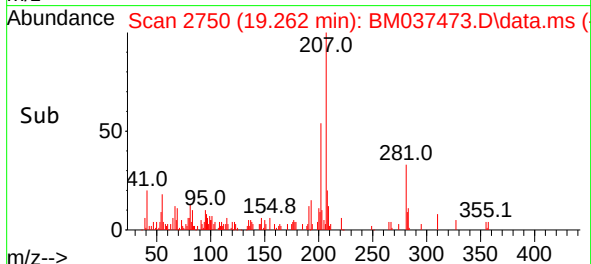
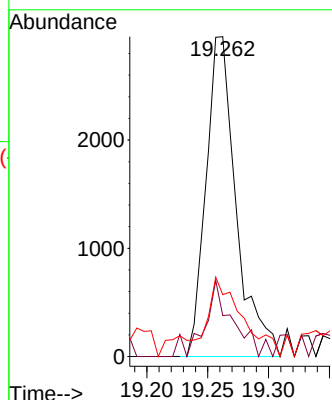
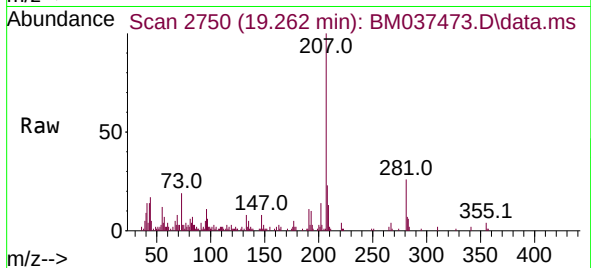
Tgt Ion:202 Resp: 5105

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.4

203 19.4 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: BM037473.D

Acq: 11 Nov 2022 18:52

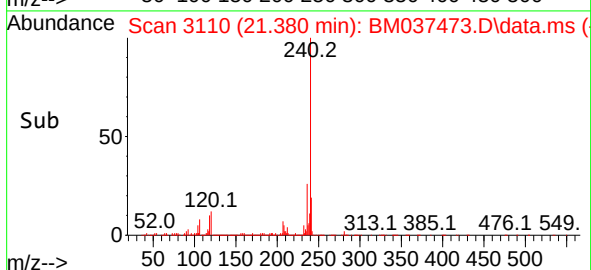
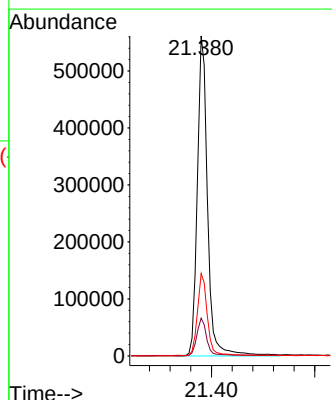
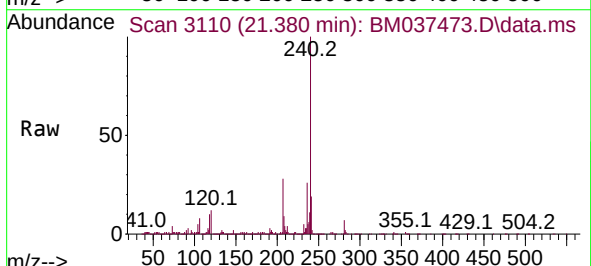
Tgt Ion:240 Resp: 771396

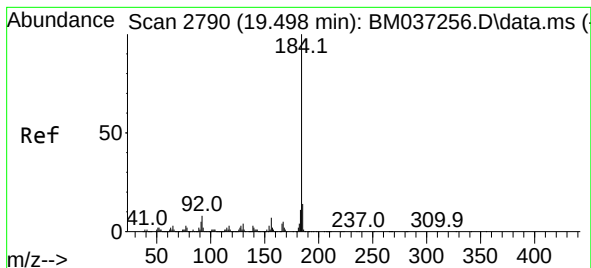
Ion Ratio Lower Upper

240 100

120 11.8 9.9 14.9

236 25.7 20.3 30.5





#77

Benzidine

Concen: 0.011 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.047 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

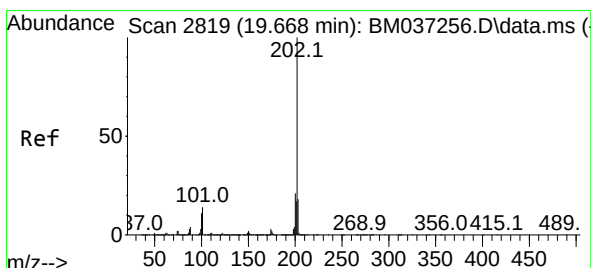
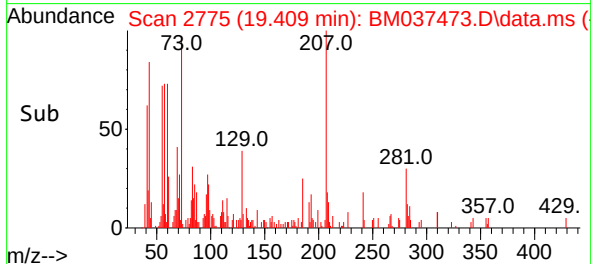
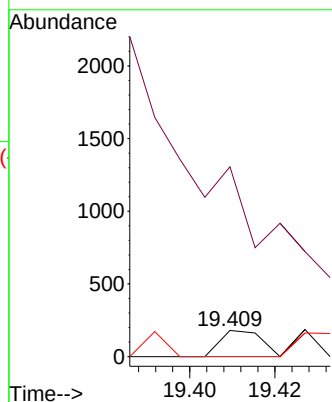
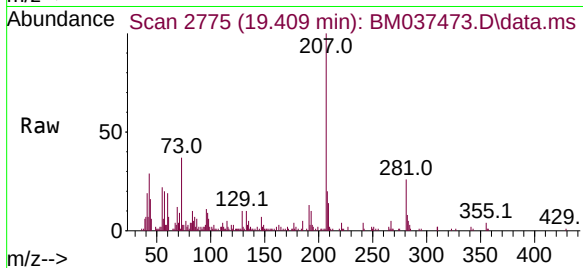
Tgt Ion:184 Resp: 121

Ion Ratio Lower Upper

184 100

185 725.6 11.3 16.9#

183 0.0 9.0 13.4#



#78

Pyrene

Concen: 0.097 ng

RT: 19.621 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

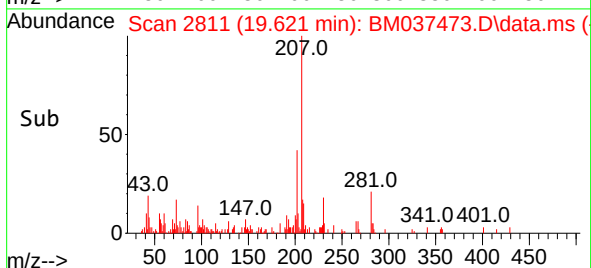
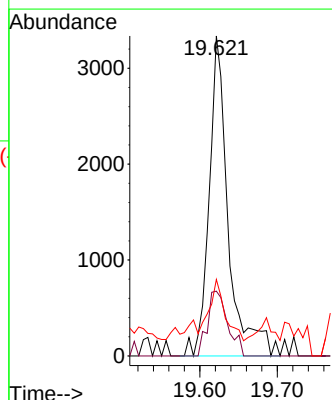
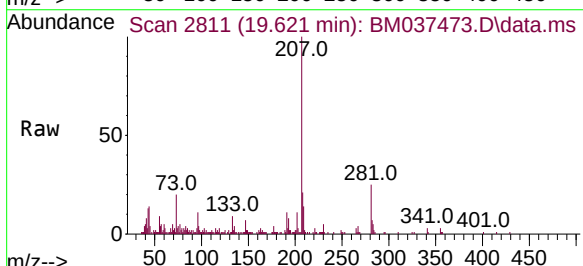
Tgt Ion:202 Resp: 5742

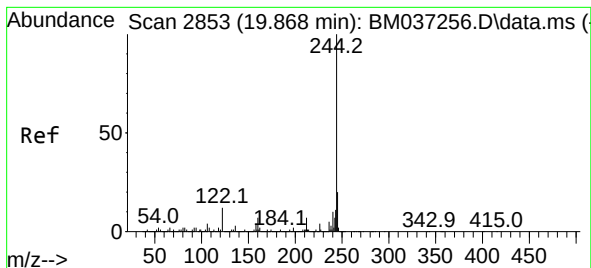
Ion Ratio Lower Upper

202 100

200 20.3 17.0 25.6

203 23.9 14.1 21.1#





#79

Terphenyl-d14

Concen: 119.318 ng

RT: 19.827 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

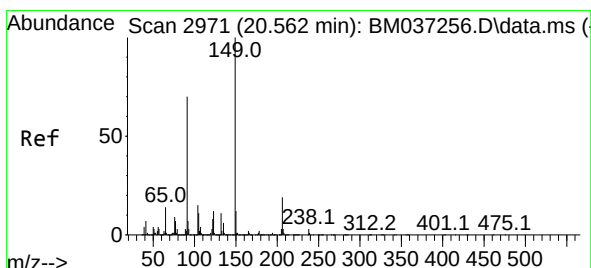
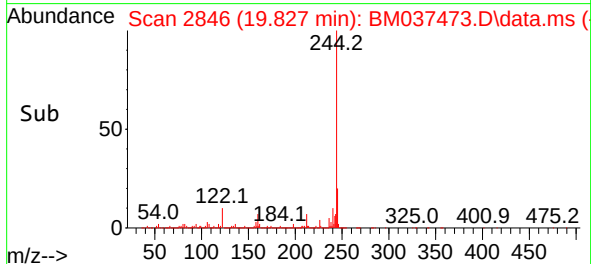
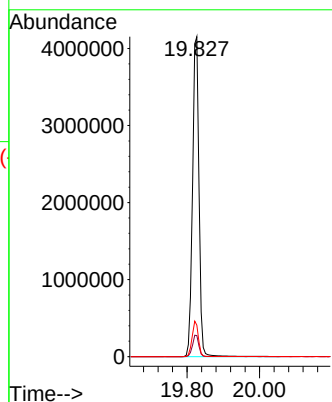
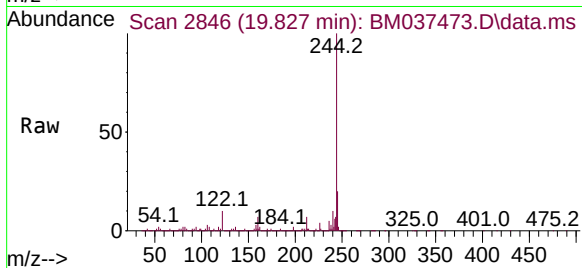
Tgt Ion:244 Resp: 5132578

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 9.8 9.4 14.2



#80

Butylbenzylphthalate

Concen: 0.008 ng

RT: 20.556 min Scan# 2970

Delta R.T. 0.035 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

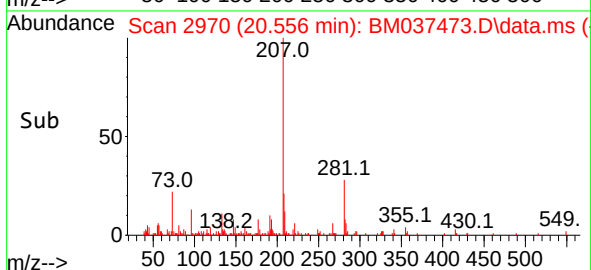
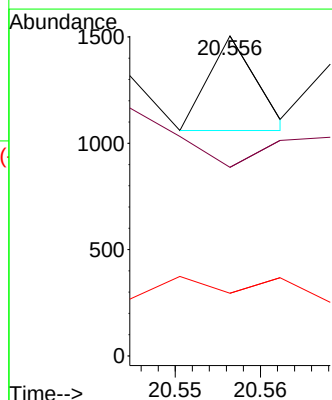
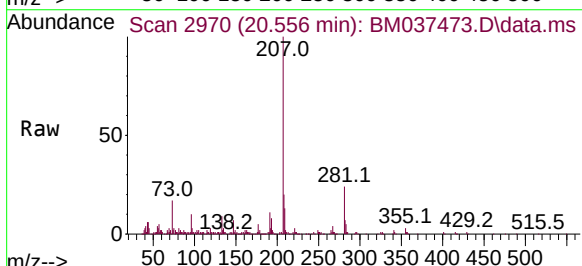
Tgt Ion:149 Resp: 175

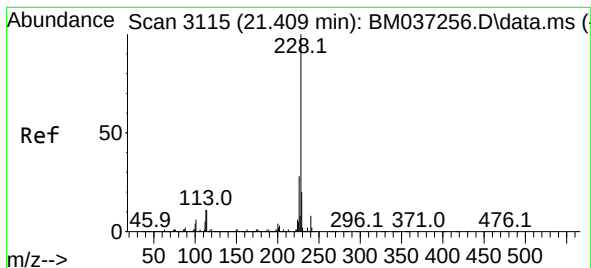
Ion Ratio Lower Upper

149 100

91 58.9 56.2 84.4

206 19.6 15.4 23.0





#81

Benzo(a)anthracene

Concen: 0.055 ng

RT: 21.421 min Scan# 3115

Delta R.T. 0.053 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

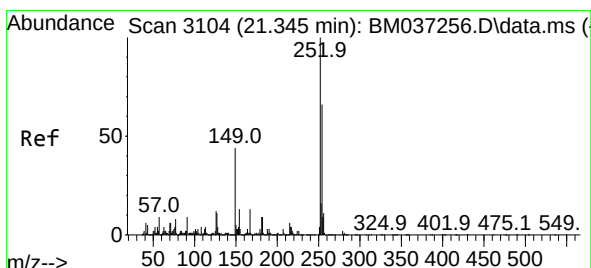
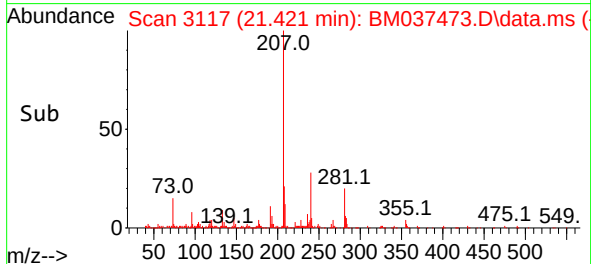
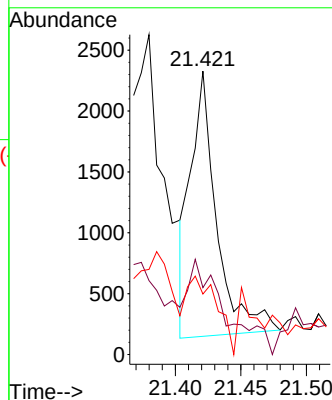
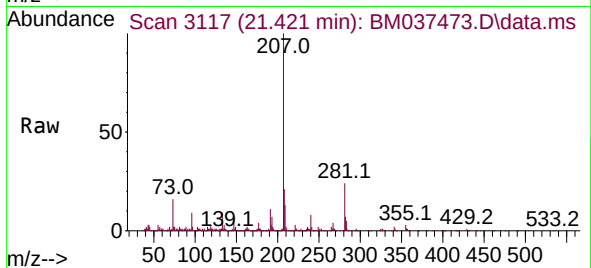
Tgt Ion:228 Resp: 3008

Ion Ratio Lower Upper

228 100

226 23.6 22.3 33.5

229 21.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 0.047 ng

RT: 21.327 min Scan# 3101

Delta R.T. 0.018 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

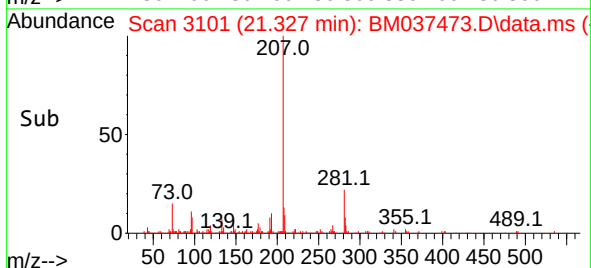
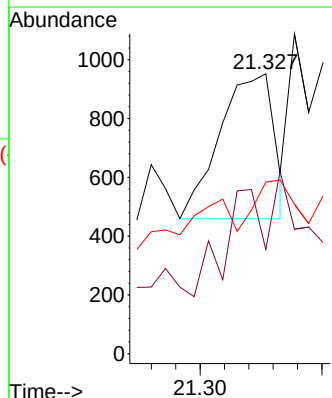
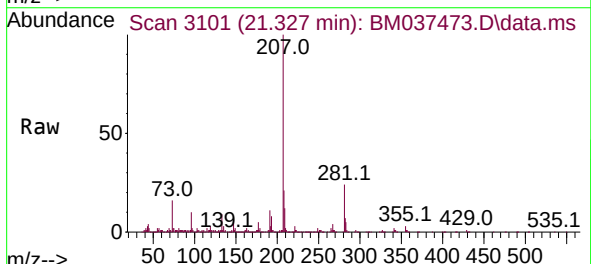
Tgt Ion:252 Resp: 763

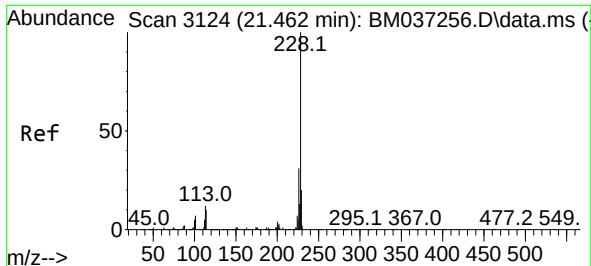
Ion Ratio Lower Upper

252 100

254 37.3 52.7 79.1#

126 61.3 9.8 14.6#

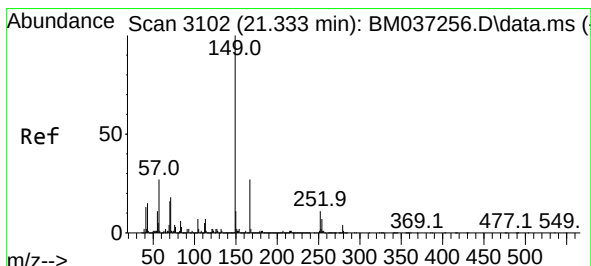
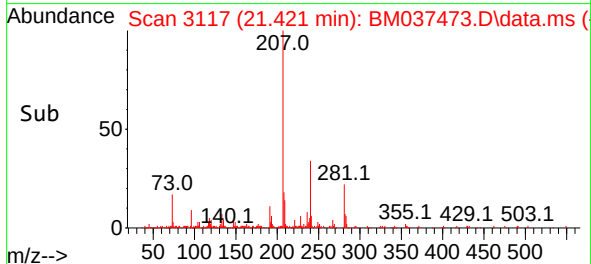
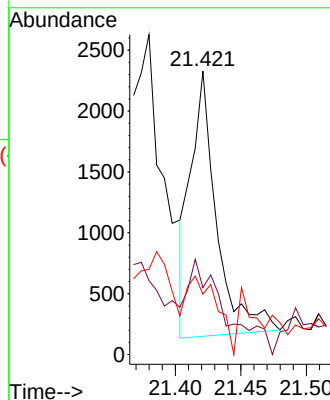
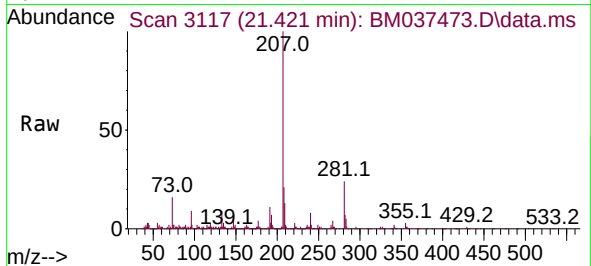




#83
Chrysene
Concen: 0.057 ng
RT: 21.421 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

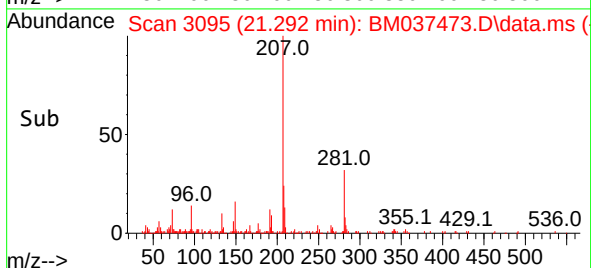
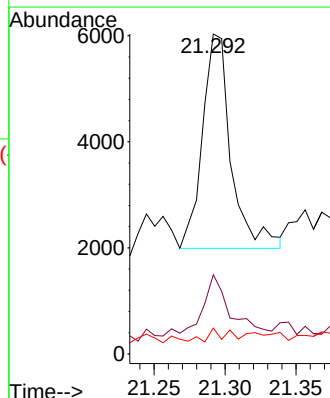
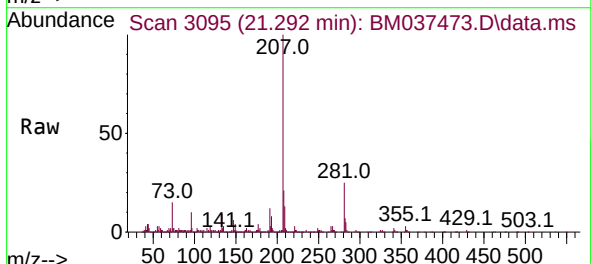
Instrument :
BNA_M
ClientSampleId :
2182RE

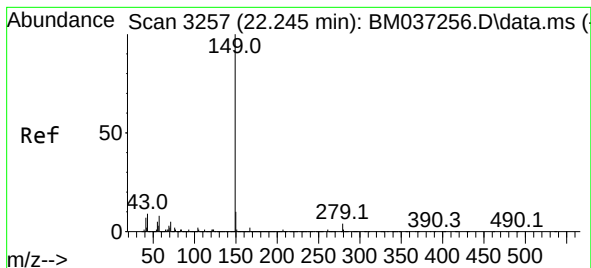
Tgt Ion:228 Resp: 3008
Ion Ratio Lower Upper
228 100
226 23.6 24.4 36.6#
229 21.3 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.199 ng
RT: 21.292 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:149 Resp: 5654
Ion Ratio Lower Upper
149 100
167 24.8 21.2 31.8
279 8.1 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 0.018 ng

RT: 22.203 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

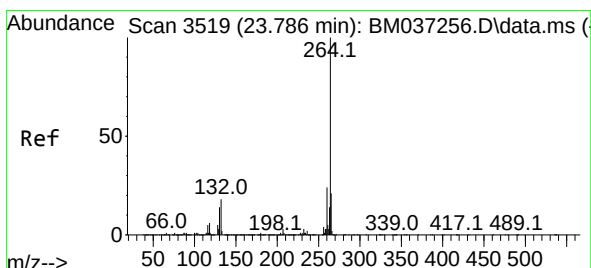
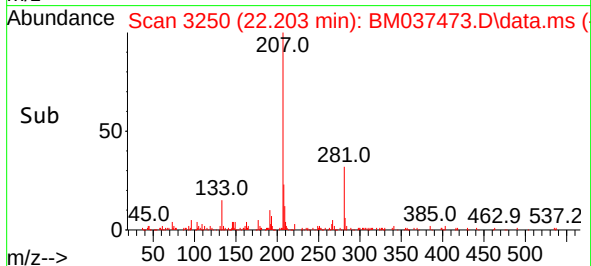
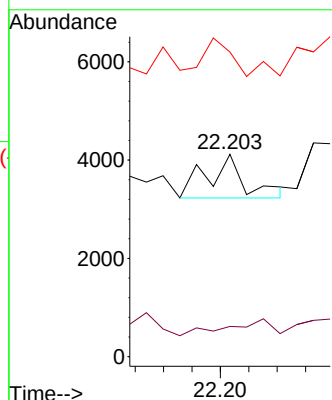
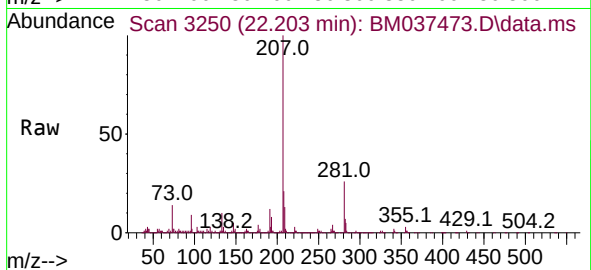
Tgt Ion:149 Resp: 827

Ion Ratio Lower Upper

149 100

167 43.2 1.3 1.9#

43 62.9 8.0 12.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3508

Delta R.T. 0.000 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

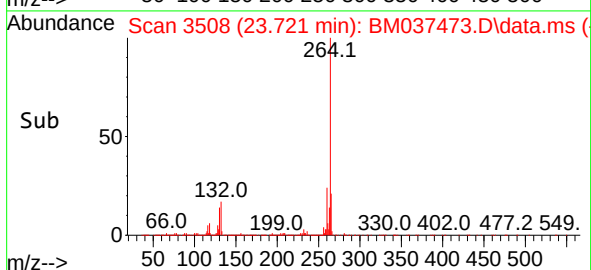
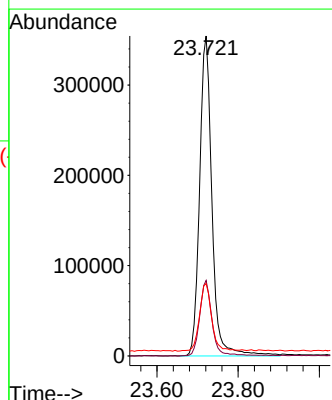
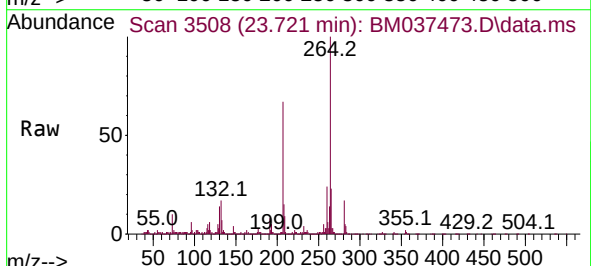
Tgt Ion:264 Resp: 744569

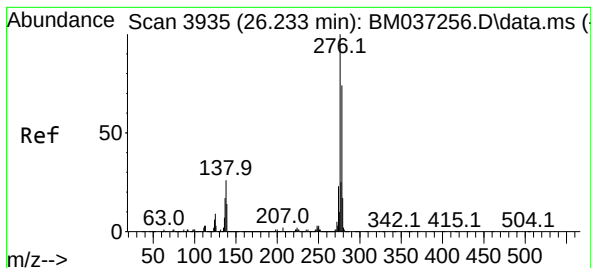
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.6 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.075 ng

RT: 26.162 min Scan# 3935

Delta R.T. 0.018 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

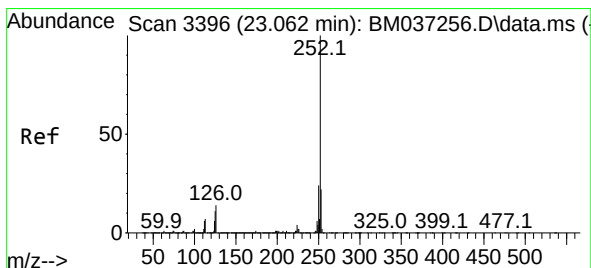
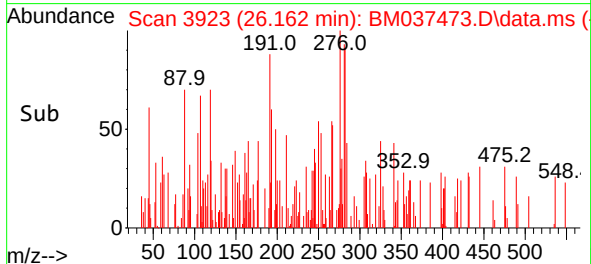
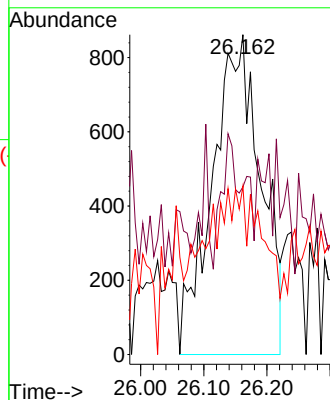
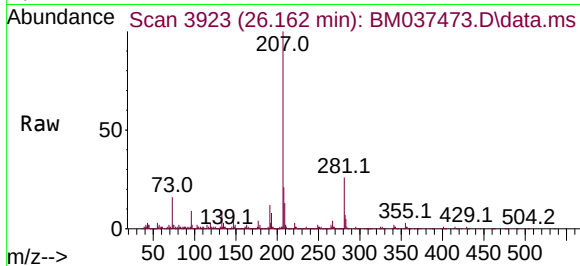
Tgt Ion:276 Resp: 4597

Ion Ratio Lower Upper

276 100

138 0.0 21.5 32.3#

277 0.0 20.1 30.1#



#88

Benzo(b)fluoranthene

Concen: 0.081 ng

RT: 23.015 min Scan# 3388

Delta R.T. 0.000 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

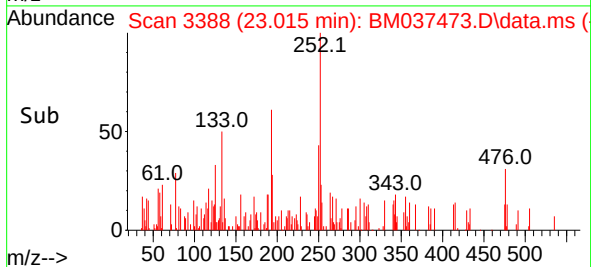
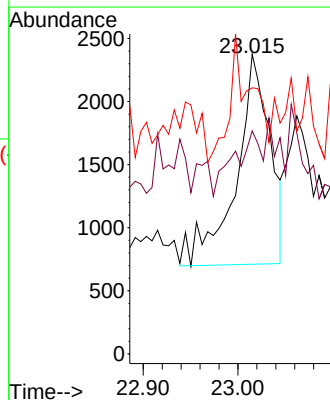
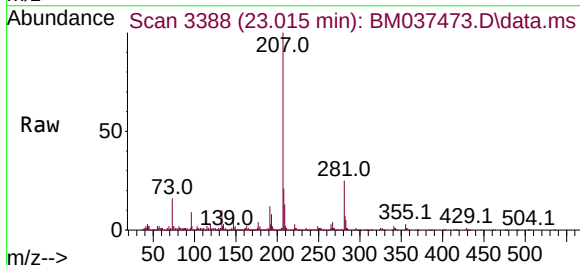
Tgt Ion:252 Resp: 4162

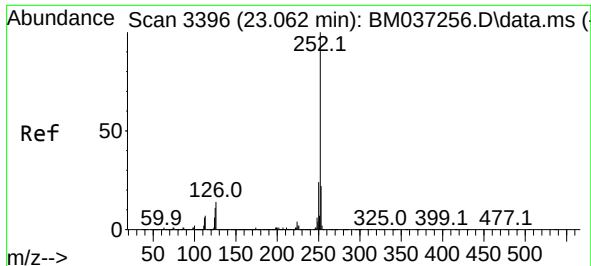
Ion Ratio Lower Upper

252 100

253 74.4 17.8 26.6#

125 88.8 9.1 13.7#

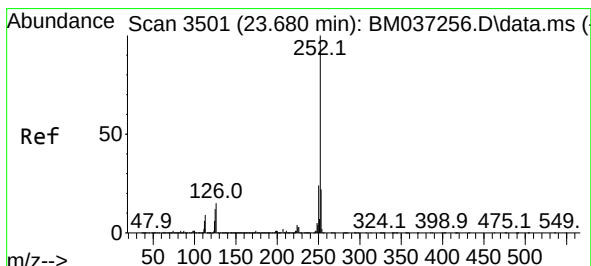
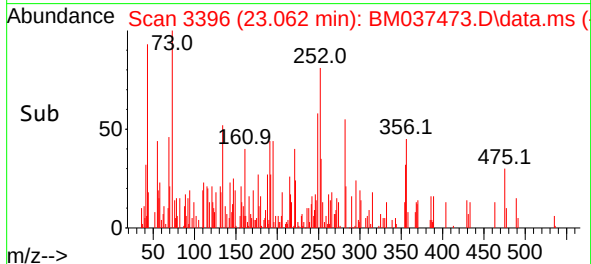
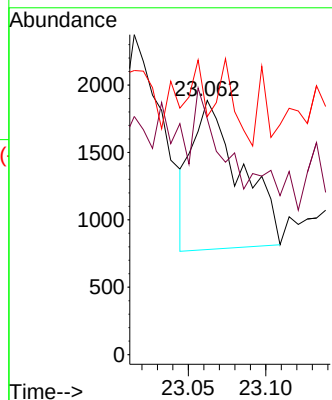
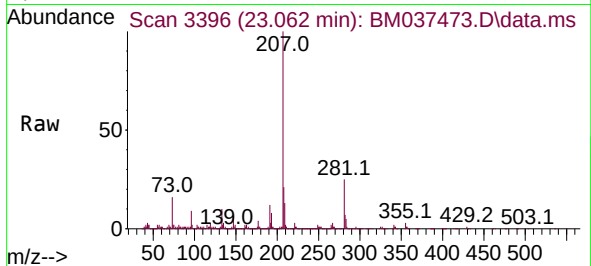




#89
Benzo(k)fluoranthene
Concen: 0.046 ng
RT: 23.062 min Scan# 3412
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

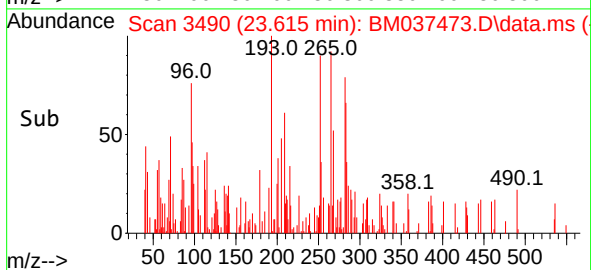
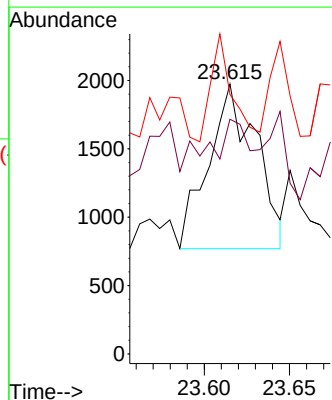
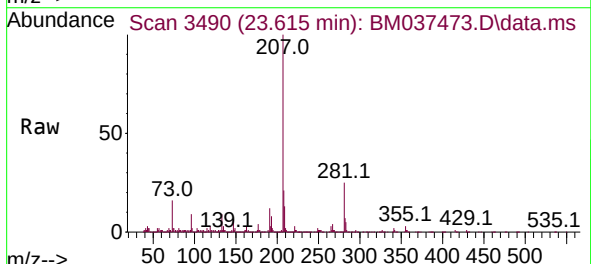
Instrument :
BNA_M
ClientSampleId :
2182RE

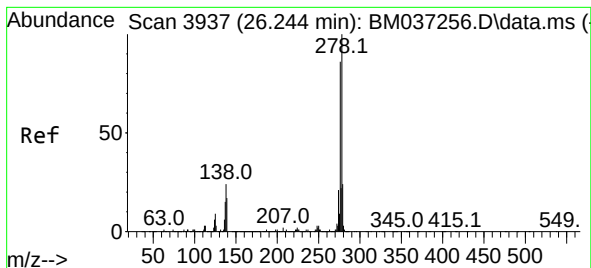
Tgt Ion:252 Resp: 2412
Ion Ratio Lower Upper
252 100
253 92.8 17.8 26.6#
125 93.6 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 0.056 ng
RT: 23.615 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:252 Resp: 2352
Ion Ratio Lower Upper
252 100
253 87.0 17.4 26.2#
125 96.1 9.9 14.9#





#91

Dibenzo(a,h)anthracene

Concen: 0.054 ng

RT: 26.180 min Scan# 3937

Delta R.T. 0.018 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

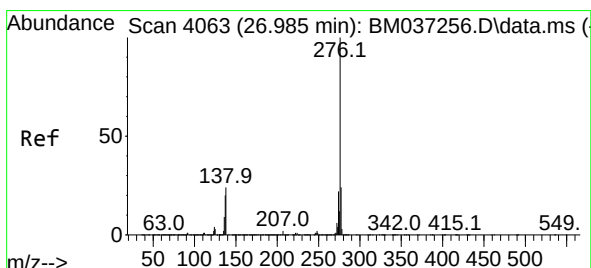
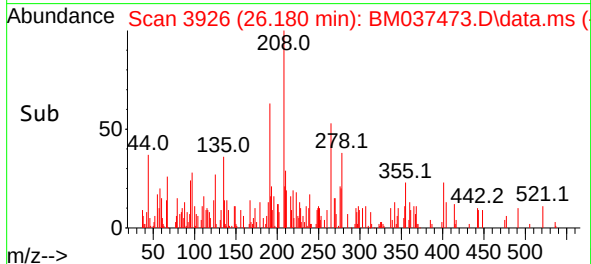
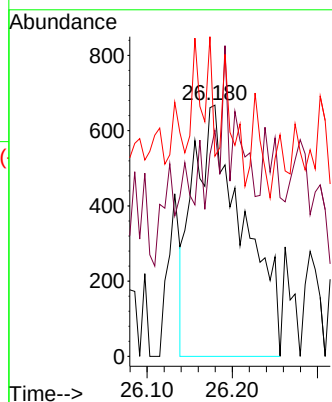
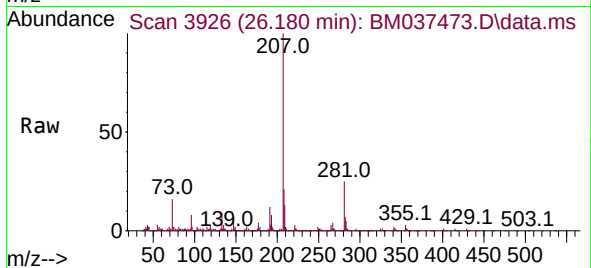
Tgt Ion:278 Resp: 2720

Ion Ratio Lower Upper

278 100

139 90.0 13.8 20.8#

279 79.6 19.0 28.6#



#92

Benzo(g,h,i)perylene

Concen: 0.039 ng

RT: 26.891 min Scan# 4047

Delta R.T. 0.006 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Tgt Ion:276 Resp: 1934

Ion Ratio Lower Upper

276 100

277 65.3 19.4 29.2#

138 41.0 18.9 28.3#

