

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032873.D
 Acq On : 04 Nov 2021 14:00
 Operator : CG/JU
 Sample : M4470-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1MSD

Quant Time: Nov 04 14:48:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 16:07:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.490	152	115021	20.000	ng	0.00
21) Naphthalene-d8	10.272	136	437586	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	251210	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	465700	20.000	ng	#-0.01
76) Chrysene-d12	21.071	240	401423	20.000	ng	0.00
86) Perylene-d12	23.177	264	422176	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.084	112	911319	138.130	ng	0.00
7) Phenol-d6	6.695	99	1059877	107.875	ng	0.00
23) Nitrobenzene-d5	8.642	82	782661	97.894	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	369884	131.473	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1620401	100.045	ng	0.00
79) Terphenyl-d14	19.518	244	1792455	97.488	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.931	88	122773	49.290	ng	# 22
3) Pyridine	3.337	79	232179	30.038	ng	90
4) n-Nitrosodimethylamine	3.243	42	163321	49.790	ng	# 69
6) Aniline	6.825	93	213603	19.472	ng	93
8) 2-Chlorophenol	7.060	128	374278	48.688	ng	95
9) Benzaldehyde	6.625	77	209211	37.729	ng	87
10) Phenol	6.725	94	405869	43.040	ng	84
11) bis(2-Chloroethyl)ether	6.919	93	357934	48.073	ng	95
12) 1,3-Dichlorobenzene	7.378	146	412337	48.547	ng	# 92
13) 1,4-Dichlorobenzene	7.525	146	424291	48.761	ng	98
14) 1,2-Dichlorobenzene	7.842	146	405157	47.317	ng	97
15) Benzyl Alcohol	7.742	79	332934	47.606	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.025	45	482796	45.112	ng	98
17) 2-Methylphenol	7.960	107	299333	45.187	ng	# 91
18) Hexachloroethane	8.566	117	154885	50.340	ng	90
19) n-Nitroso-di-n-propyla...	8.301	70	262424	43.624	ng	# 86
20) 3+4-Methylphenols	8.289	107	387446	42.733	ng	94
22) Acetophenone	8.313	105	530847	49.663	ng	# 89
24) Nitrobenzene	8.684	77	408938	53.384	ng	# 90
25) Isophorone	9.207	82	691773	48.966	ng	96
26) 2-Nitrophenol	9.395	139	198317	55.456	ng	# 76
27) 2,4-Dimethylphenol	9.478	122	328825	55.883	ng	94
28) bis(2-Chloroethoxy)met...	9.689	93	447647	47.424	ng	100
29) 2,4-Dichlorophenol	9.936	162	334752	49.606	ng	95
30) 1,2,4-Trichlorobenzene	10.142	180	375199	50.027	ng	97
31) Naphthalene	10.319	128	1130747	49.783	ng	100
32) Benzoic acid	9.648	122	217766	45.764	ng	# 83
33) 4-Chloroaniline	10.436	127	86873	9.159	ng	95
34) Hexachlorobutadiene	10.625	225	229138	50.258	ng	96
35) Caprolactam	11.207	113	82266	36.355	ng	# 84
36) 4-Chloro-3-methylphenol	11.589	107	350457	45.398	ng	97
37) 2-Methylnaphthalene	12.166	142	719204	45.053	ng	94
38) 1-Methylnaphthalene	12.166	142	720173	45.613	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.330	216	374287	53.894	ng	96
41) Hexachlorocyclopentadiene	12.313	237	464956	127.484	ng	98
43) 2,4,6-Trichlorophenol	12.577	196	257791	53.045	ng	94

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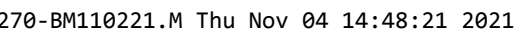
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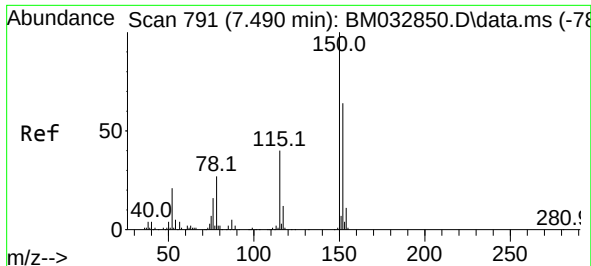
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.648	196	277489	51.666	ng	# 92
46) 1,1'-Biphenyl	12.972	154	946717	52.150	ng	100
47) 2-Chloronaphthalene	13.013	162	751767	53.940	ng	98
48) 2-Nitroaniline	13.224	65	223933	54.683	ng	# 81
49) Acenaphthylene	13.866	152	1179853	52.763	ng	100
50) Dimethylphthalate	13.613	163	898089	49.135	ng	100
51) 2,6-Dinitrotoluene	13.724	165	195237	52.259	ng	# 67
52) Acenaphthene	14.213	154	692522	51.991	ng	97
53) 3-Nitroaniline	14.054	138	89634	22.045	ng	89
54) 2,4-Dinitrophenol	14.266	184	202043	79.025	ng	# 66
55) Dibenzofuran	14.548	168	1101238	49.247	ng	93
56) 4-Nitrophenol	14.395	139	306681	92.567	ng	# 70
57) 2,4-Dinitrotoluene	14.518	165	265370	52.436	ng	# 61
58) Fluorene	15.201	166	832876	49.681	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.789	232	227524	47.256	ng	# 84
60) Diethylphthalate	14.983	149	871598	47.570	ng	96
61) 4-Chlorophenyl-phenyle...	15.195	204	413056	46.602	ng	93
62) 4-Nitroaniline	15.224	138	181989	42.581	ng	# 73
63) Azobenzene	15.489	77	846754	48.302	ng	86
65) 4,6-Dinitro-2-methylph...	15.289	198	132928	45.281	ng	# 76
66) n-Nitrosodiphenylamine	15.413	169	740781	54.261	ng	97
67) 4-Bromophenyl-phenylether	16.083	248	254636	53.205	ng	92
68) Hexachlorobenzene	16.212	284	281399	53.645	ng	# 86
69) Atrazine	16.365	200	257368	56.152	ng	97
70) Pentachlorophenol	16.554	266	357859	109.019	ng	98
71) Phenanthrene	16.930	178	1290510	52.262	ng	99
72) Anthracene	17.018	178	1309254	53.718	ng	100
73) Carbazole	17.289	167	1185172	48.797	ng	97
74) Di-n-butylphthalate	17.854	149	1428758	53.643	ng	# 97
75) Fluoranthene	18.942	202	1394621	49.227	ng	97
77) Benzidine	19.130	184	252597	22.961	ng	98
78) Pyrene	19.306	202	1455473	54.120	ng	99
80) Butylbenzylphthalate	20.212	149	597579	55.283	ng	88
81) Benzo(a)anthracene	21.053	228	1278610	49.925	ng	99
82) 3,3'-Dichlorobenzidine	20.995	252	310219	38.582	ng	99
83) Chrysene	21.106	228	1272849	50.589	ng	100
84) Bis(2-ethylhexyl)phtha...	20.989	149	825991	57.284	ng	# 94
85) Di-n-octyl phthalate	21.824	149	1440665	56.024	ng	# 91
87) Indeno(1,2,3-cd)pyrene	25.265	276	1566833	60.049	ng	96
88) Benzo(b)fluoranthene	22.559	252	1354496	52.695	ng	98
89) Benzo(k)fluoranthene	22.600	252	1297412	51.780	ng	99
90) Benzo(a)pyrene	23.089	252	1316728	61.999	ng	98
91) Dibenzo(a,h)anthracene	25.265	278	1339398	61.645	ng	# 95
92) Benzo(g,h,i)perylene	25.894	276	1385923	64.130	ng	# 95

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

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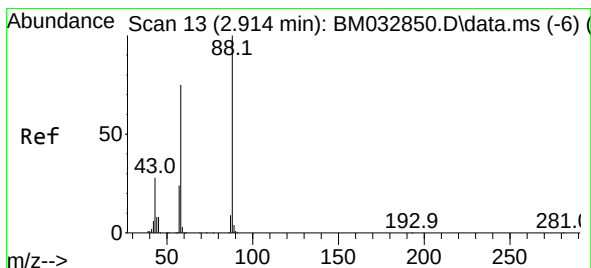
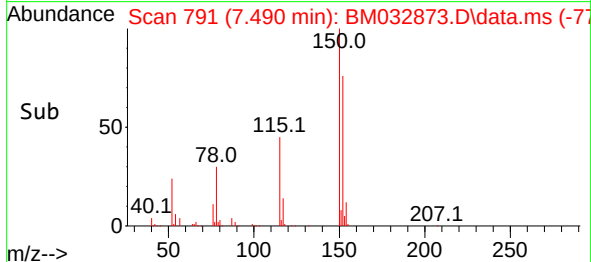
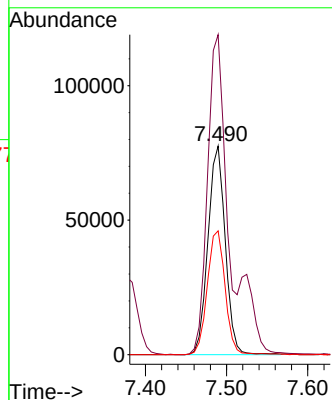
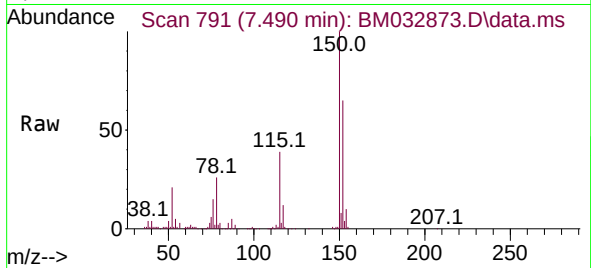




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.490 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

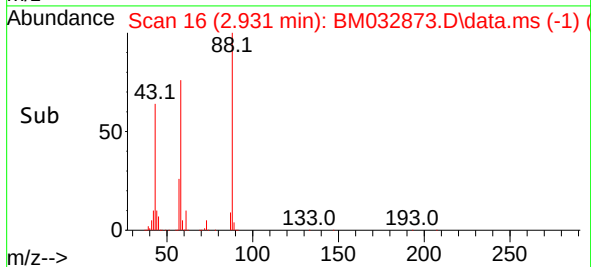
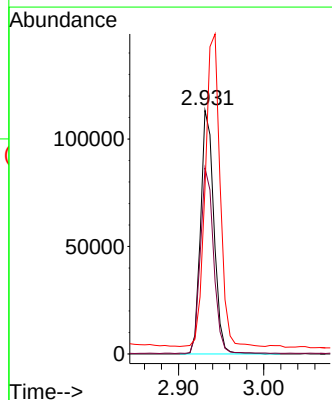
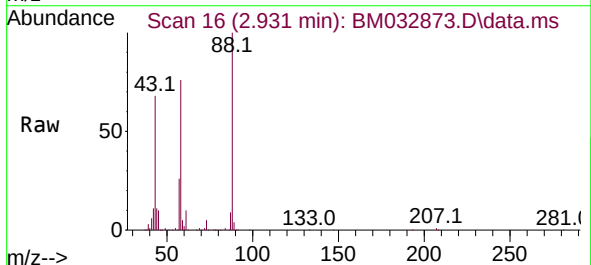
Instrument :
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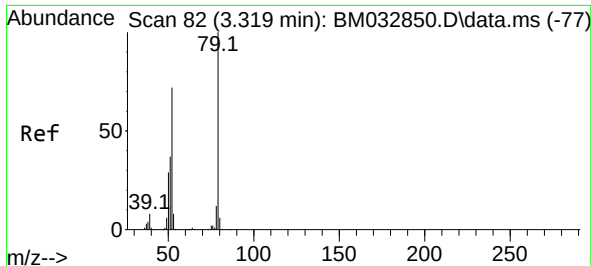
Tgt Ion:152 Resp: 115021
Ion Ratio Lower Upper
152 100
150 153.3 122.4 183.6
115 59.3 53.8 80.8



#2
1,4-Dioxane
Concen: 49.290 ng
RT: 2.931 min Scan# 16
Delta R.T. 0.017 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion: 88 Resp: 122773
Ion Ratio Lower Upper
88 100
58 76.1 50.4 75.6#
43 142.0 22.2 33.2#





#3

Pyridine

Concen: 30.038 ng

RT: 3.337 min Scan# 81

Delta R.T. 0.017 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Instrument :

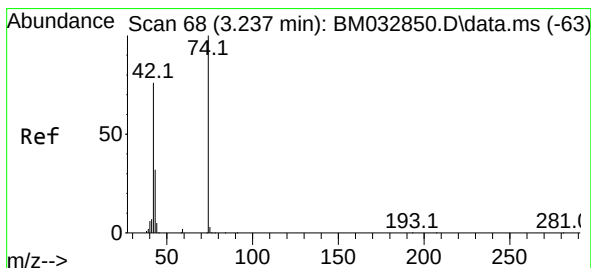
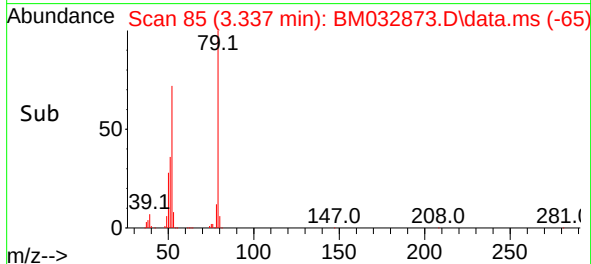
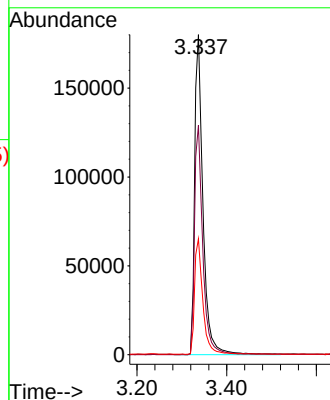
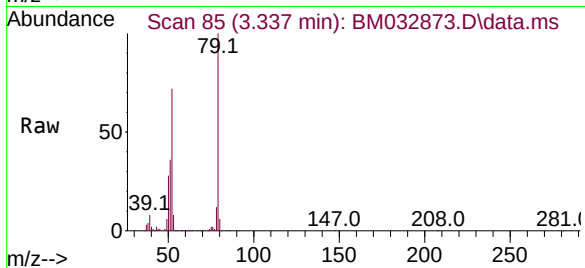
BNA_M

ClientSampleId :

TP-1MSD

Tgt Ion: 79 Resp: 232179

Ion	Ratio	Lower	Upper
79	100		
52	71.7	48.6	73.0
51	36.2	27.4	41.2



#4

n-Nitrosodimethylamine

Concen: 49.790 ng

RT: 3.243 min Scan# 69

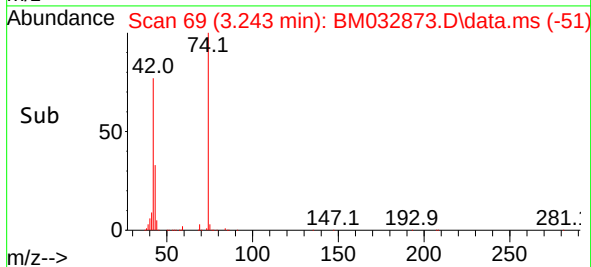
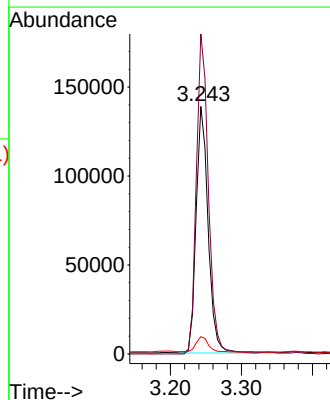
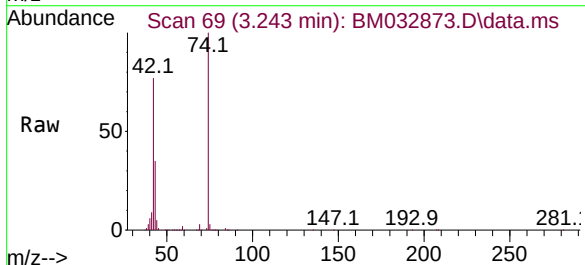
Delta R.T. 0.006 min

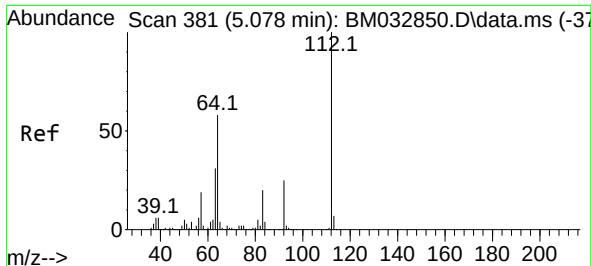
Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Tgt Ion: 42 Resp: 163321

Ion	Ratio	Lower	Upper
42	100		
74	129.3	99.5	149.3
44	7.0	57.3	85.9

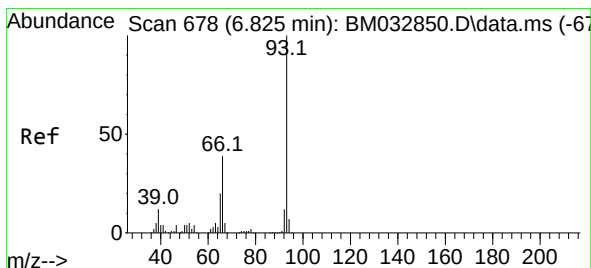
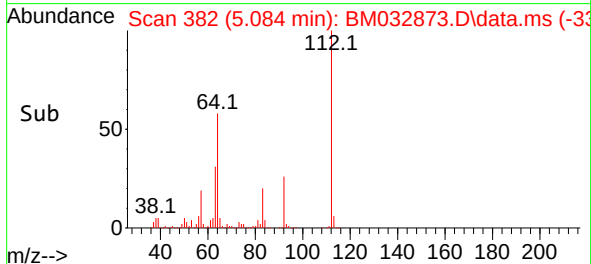
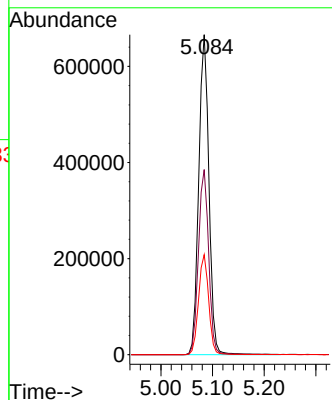
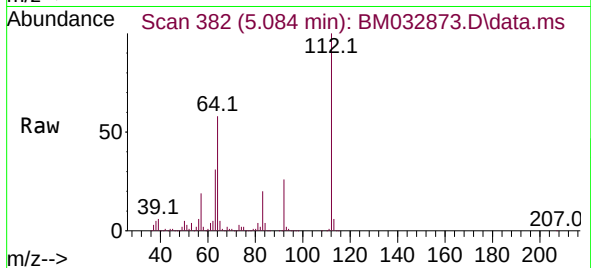




#5
2-Fluorophenol
Concen: 138.130 ng
RT: 5.084 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

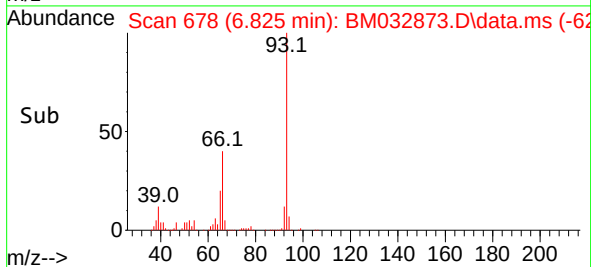
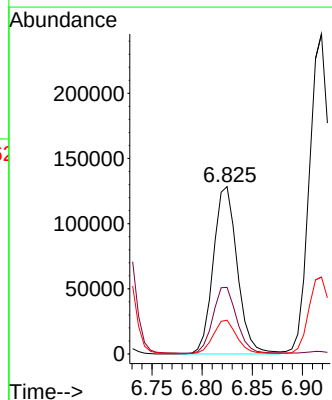
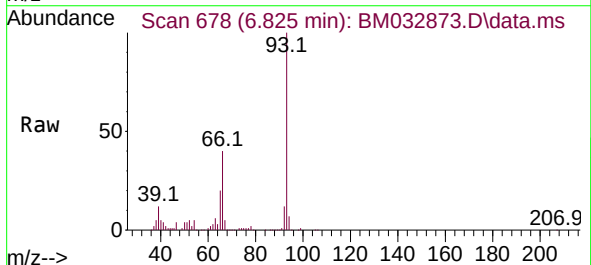
Instrument :
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ClientSampleId :
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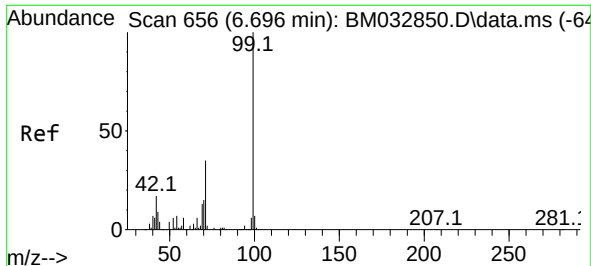
Tgt Ion:112 Resp: 911319
Ion Ratio Lower Upper
112 100
64 57.9 53.7 80.5
63 31.2 33.9 50.9#



#6
Aniline
Concen: 19.472 ng
RT: 6.825 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion: 93 Resp: 213603
Ion Ratio Lower Upper
93 100
66 39.8 35.3 52.9
65 20.2 18.7 28.1

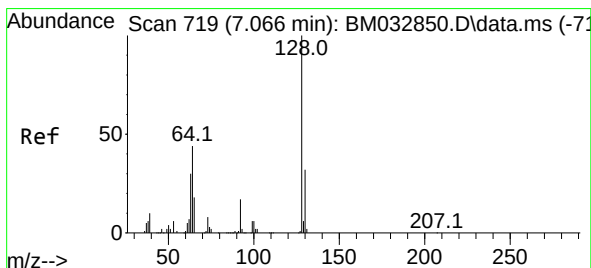
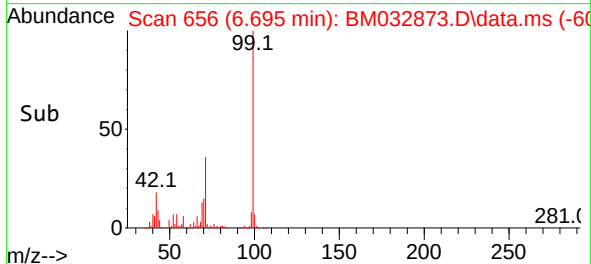
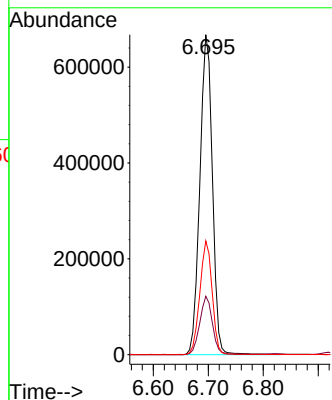
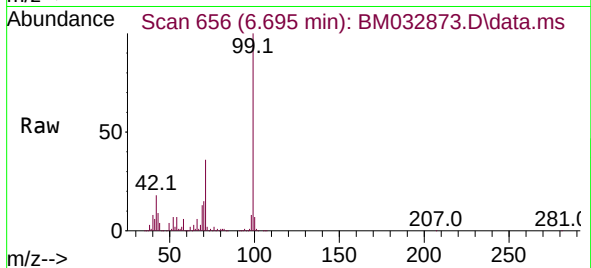




#7
Phenol-d6
Concen: 107.875 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

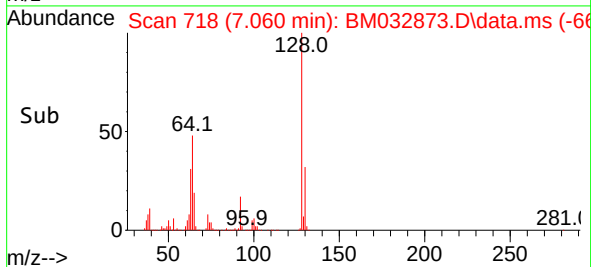
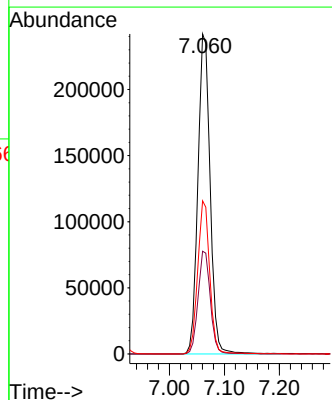
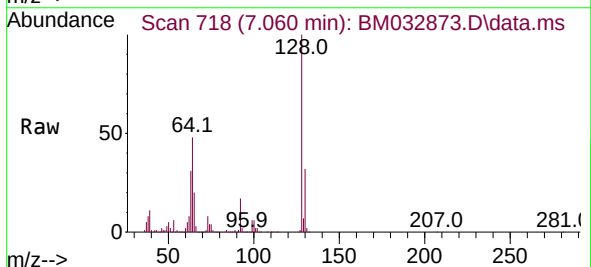
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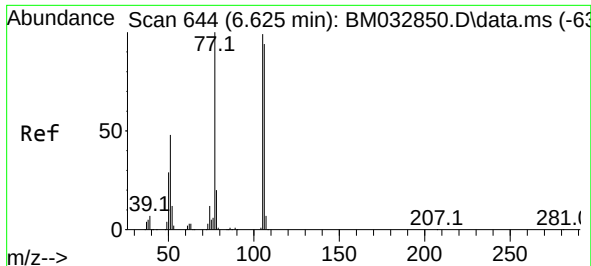
Tgt Ion: 99 Resp: 1059877
Ion Ratio Lower Upper
99 100
42 18.2 23.0 34.6#
71 35.6 37.8 56.8#



#8
2-Chlorophenol
Concen: 48.688 ng
RT: 7.060 min Scan# 718
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion: 128 Resp: 374278
Ion Ratio Lower Upper
128 100
130 32.1 13.0 53.0
64 47.8 33.4 73.4

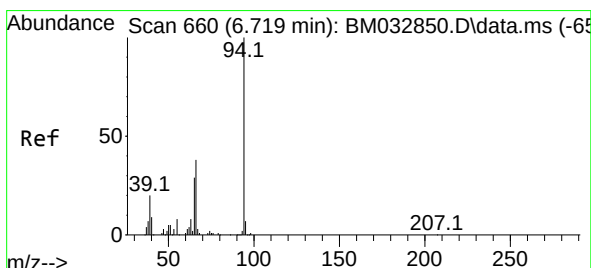
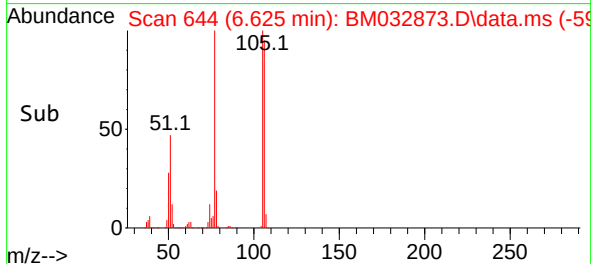
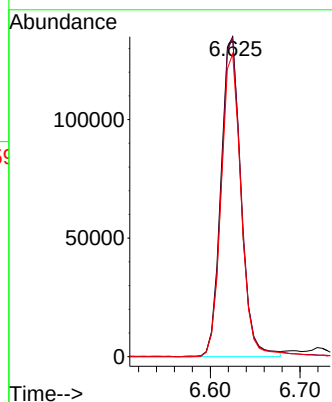
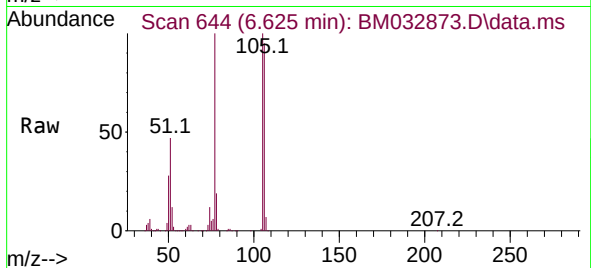




#9
Benzaldehyde
Concen: 37.729 ng
RT: 6.625 min Scan# 644
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

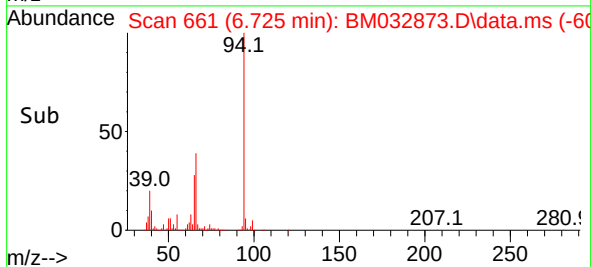
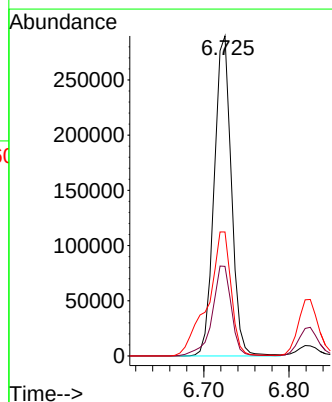
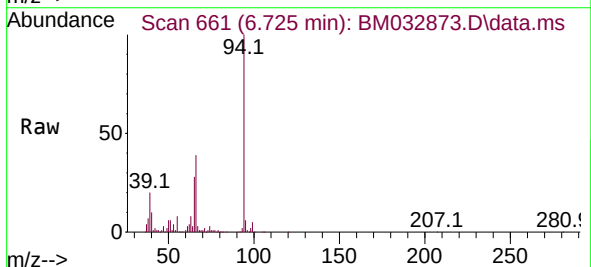
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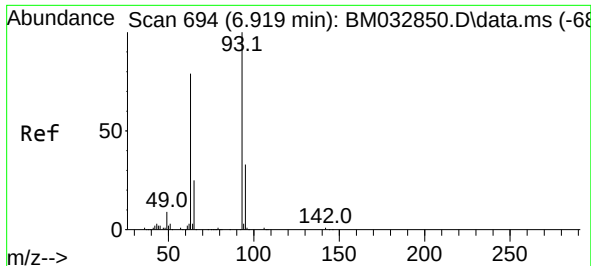
Tgt Ion: 77 Resp: 209211
Ion Ratio Lower Upper
77 100
105 99.6 68.9 108.9
106 94.6 61.2 101.2



#10
Phenol
Concen: 43.040 ng
RT: 6.725 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion: 94 Resp: 405869
Ion Ratio Lower Upper
94 100
65 28.0 16.9 56.9
66 38.8 30.0 70.0

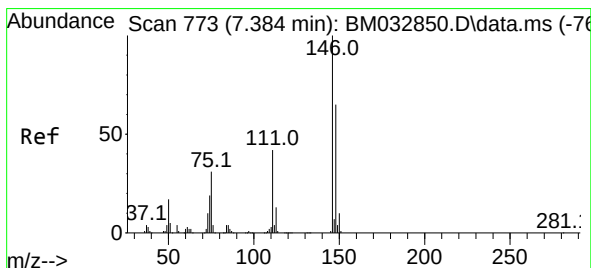
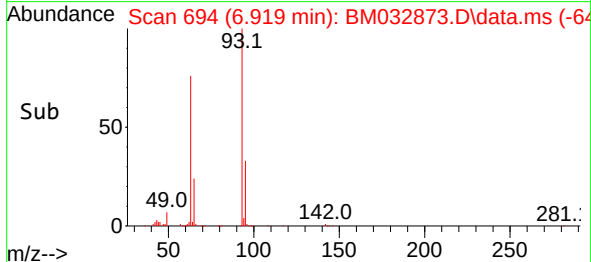
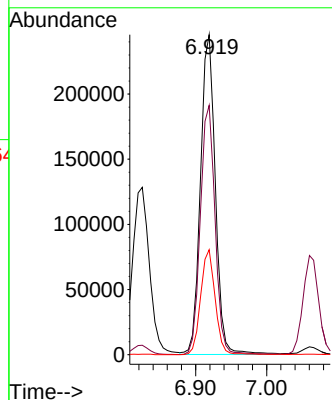
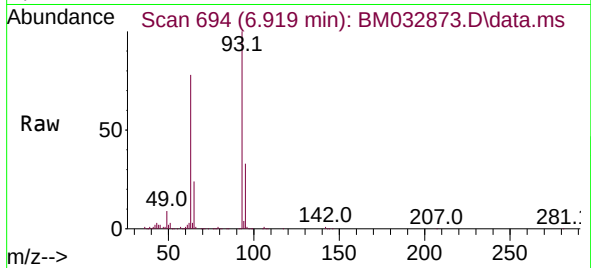




#11
bis(2-Chloroethyl)ether
Concen: 48.073 ng
RT: 6.919 min Scan# 694
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

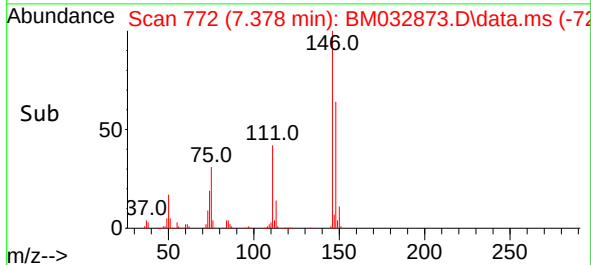
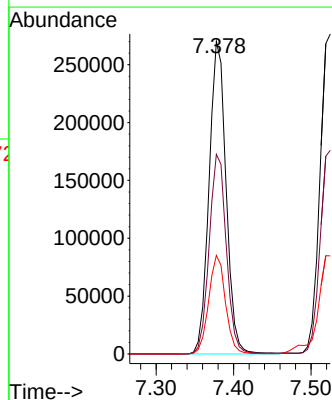
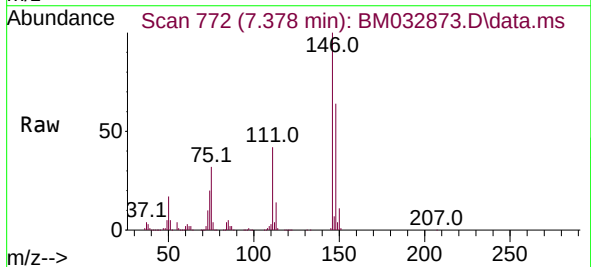
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

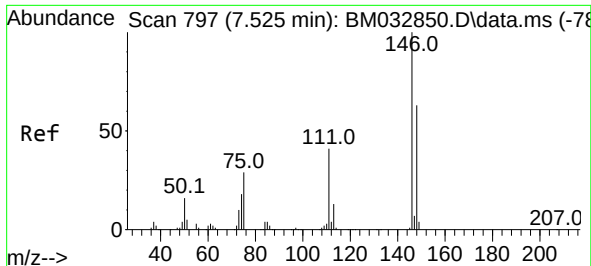
Tgt Ion: 93 Resp: 357934
Ion Ratio Lower Upper
93 100
63 77.9 63.7 103.7
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 48.547 ng
RT: 7.378 min Scan# 772
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion: 146 Resp: 412337
Ion Ratio Lower Upper
146 100
148 63.9 52.3 78.5
75 31.5 34.2 51.2#

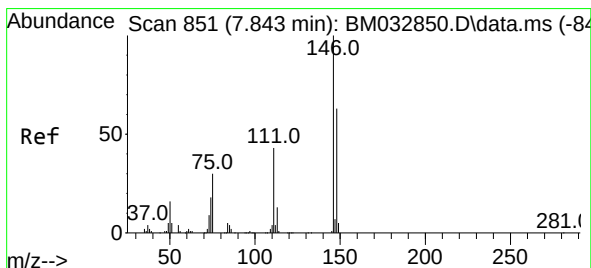
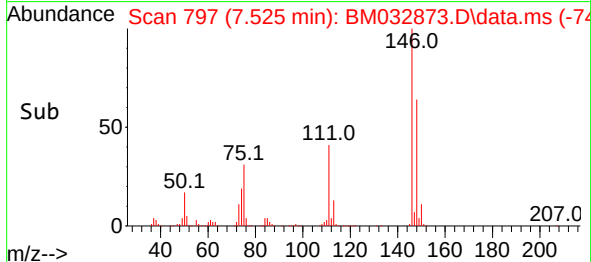
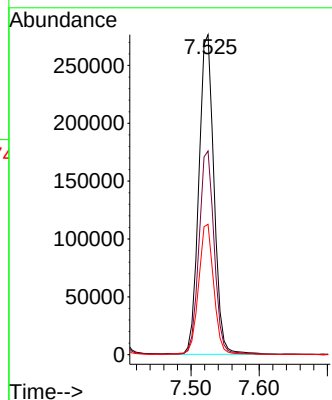
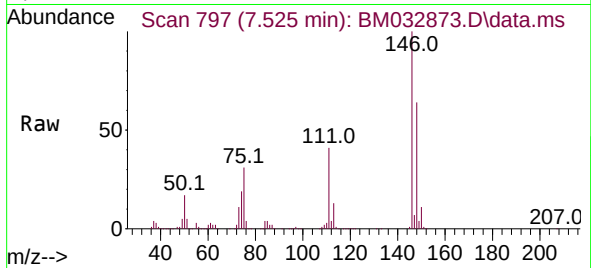




#13
1,4-Dichlorobenzene
Concen: 48.761 ng
RT: 7.525 min Scan# 797
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

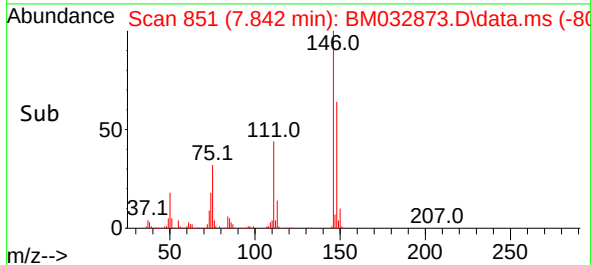
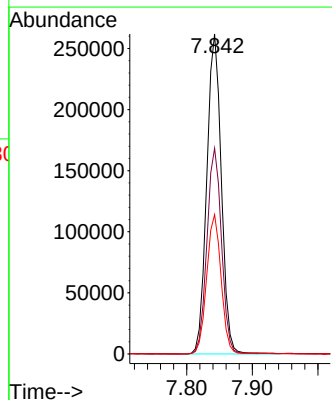
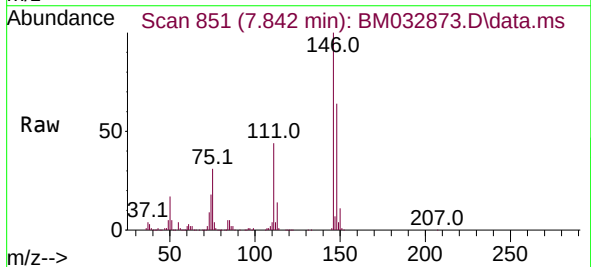
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

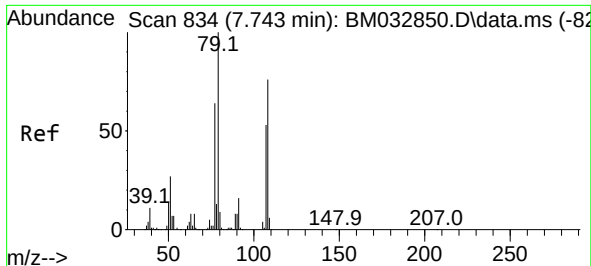
Tgt Ion:146 Resp: 424291
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 40.8 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 47.317 ng
RT: 7.842 min Scan# 851
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:146 Resp: 405157
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
111 43.6 38.2 57.2

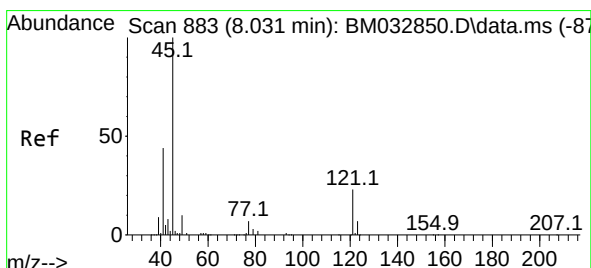
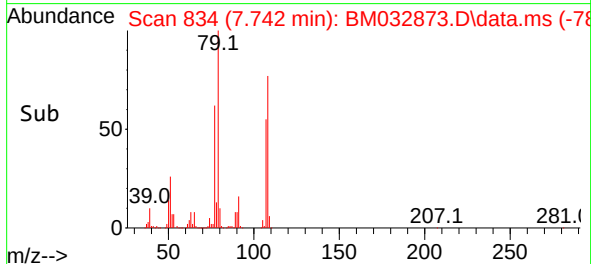
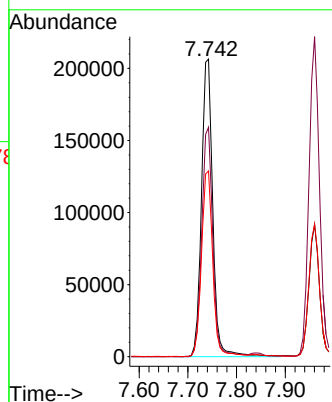
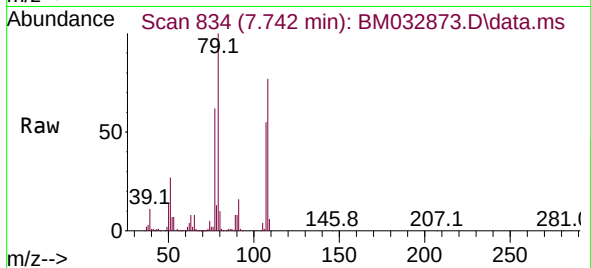




#15
Benzyl Alcohol
Concen: 47.606 ng
RT: 7.742 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

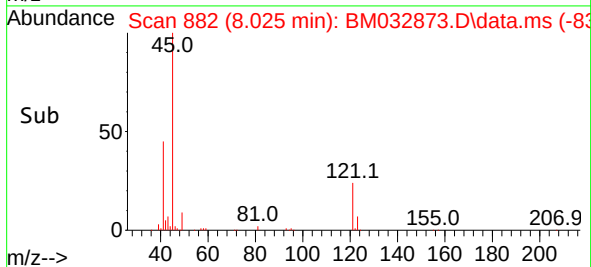
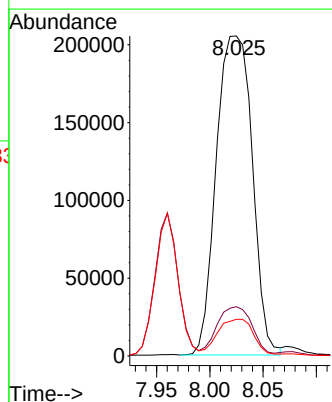
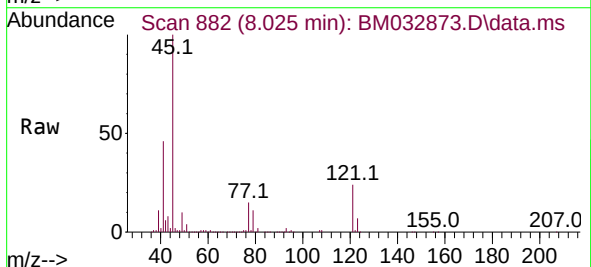
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

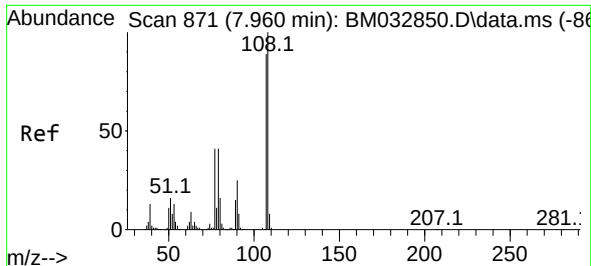
Tgt Ion: 79 Resp: 332934
Ion Ratio Lower Upper
79 100
108 77.1 53.6 80.4
77 62.4 57.7 86.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.112 ng
RT: 8.025 min Scan# 882
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion: 45 Resp: 482796
Ion Ratio Lower Upper
45 100
77 15.4 0.0 36.1
79 11.5 0.0 30.5

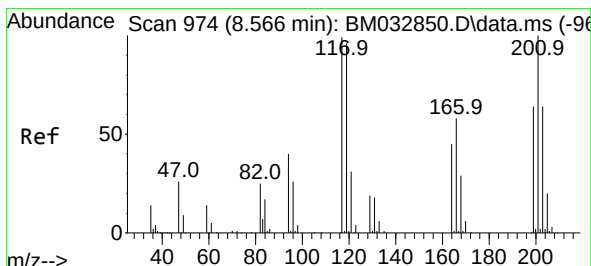
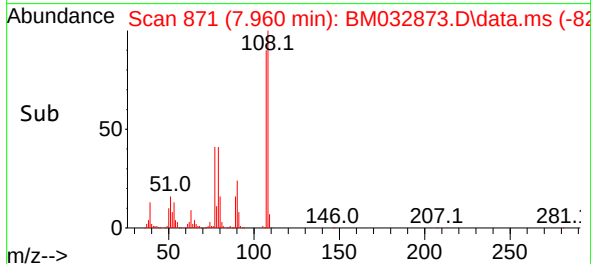
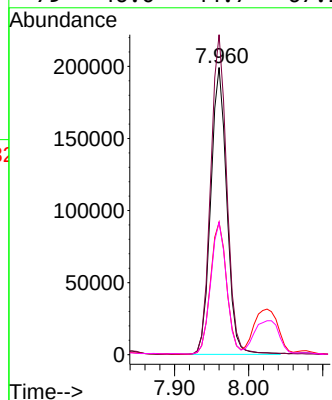
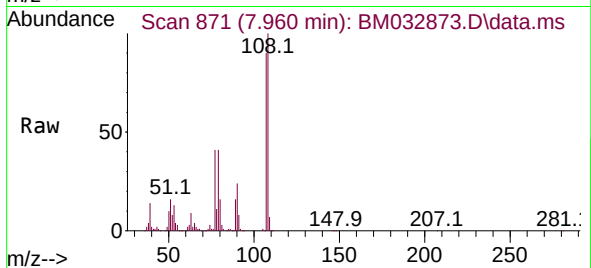




#17
2-Methylphenol
Concen: 45.187 ng
RT: 7.960 min Scan# 871
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

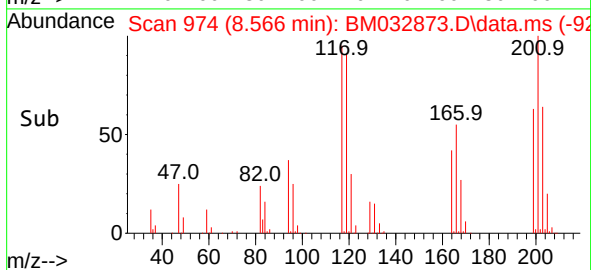
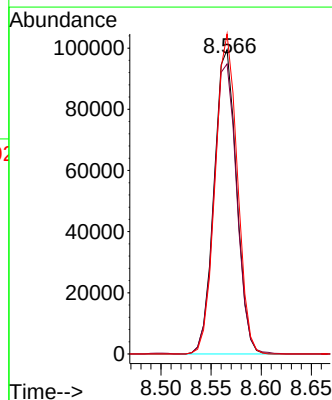
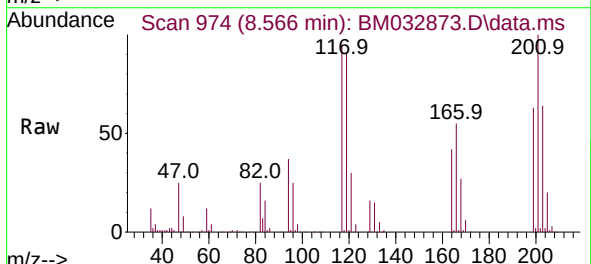
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

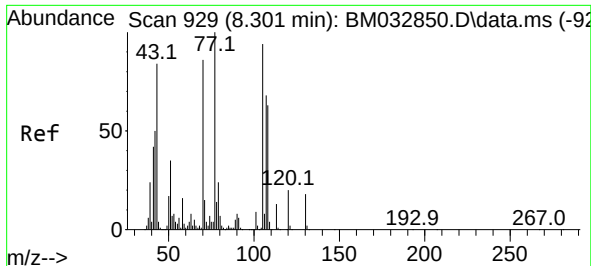
Tgt Ion:	107	Resp:	299333
Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.9	131.9
77	46.1	48.2	72.2#
79	46.0	44.7	67.1



#18
Hexachloroethane
Concen: 50.340 ng
RT: 8.566 min Scan# 974
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:	117	Resp:	154885
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.7	116.5
201	105.2	70.2	105.2

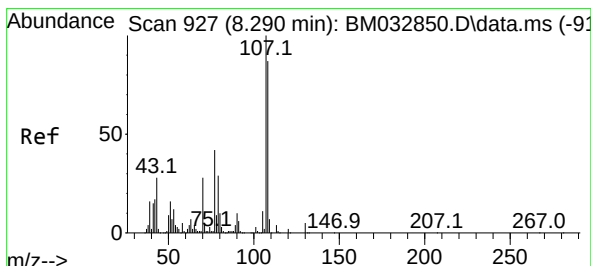
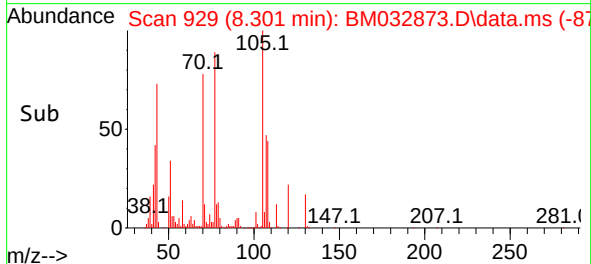
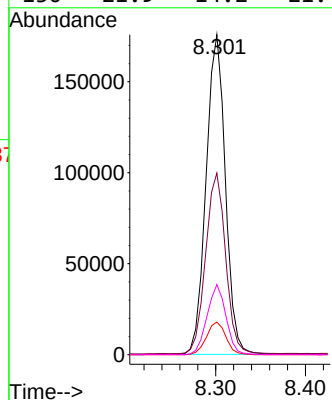
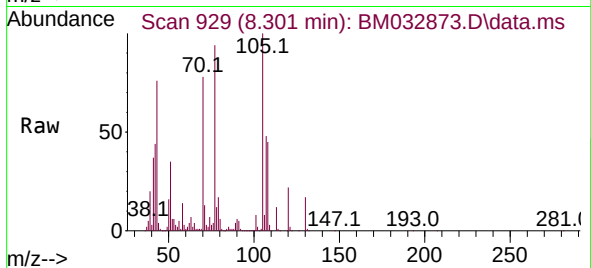




#19
n-Nitroso-di-n-propylamine
Concen: 43.624 ng
RT: 8.301 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

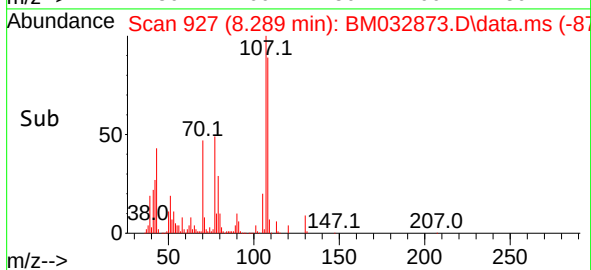
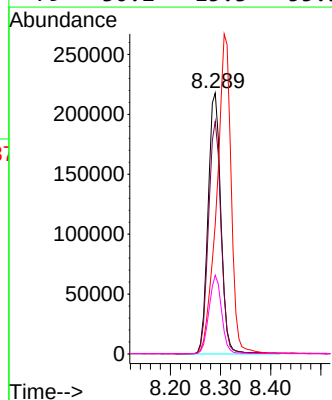
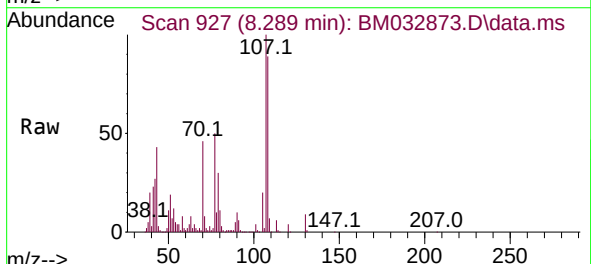
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

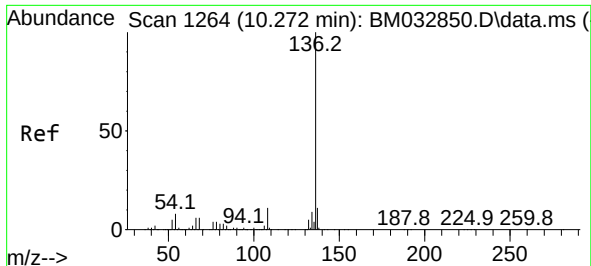
Tgt Ion: 70 Resp: 262424
Ion Ratio Lower Upper
70 100
42 56.7 56.3 84.5
101 10.2 7.8 11.6
130 21.9 14.2 21.4#



#20
3+4-Methylphenols
Concen: 42.733 ng
RT: 8.289 min Scan# 927
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion: 107 Resp: 387446
Ion Ratio Lower Upper
107 100
108 89.2 67.6 107.6
77 49.7 21.9 61.9
79 30.2 15.3 55.3

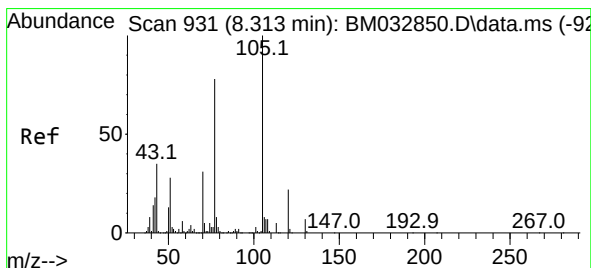
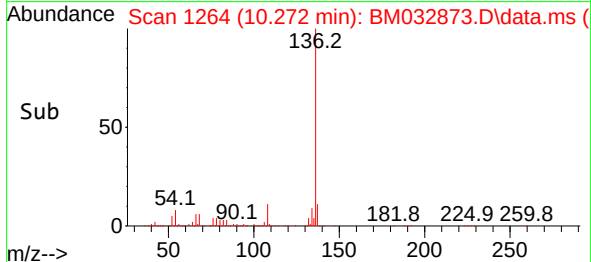
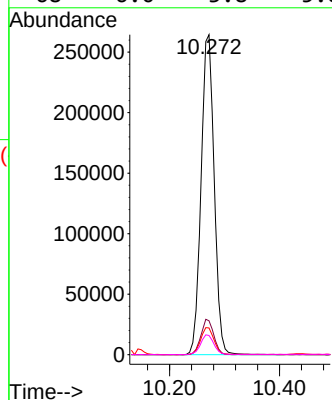
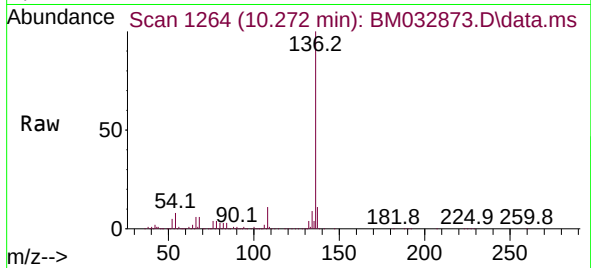




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.272 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

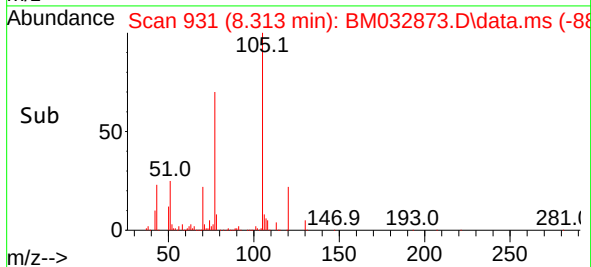
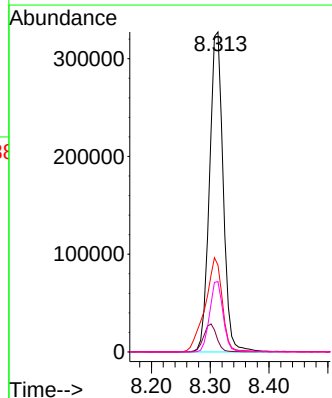
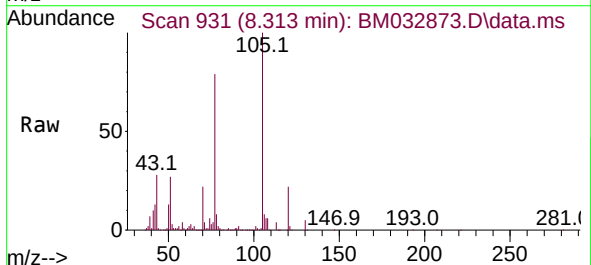
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

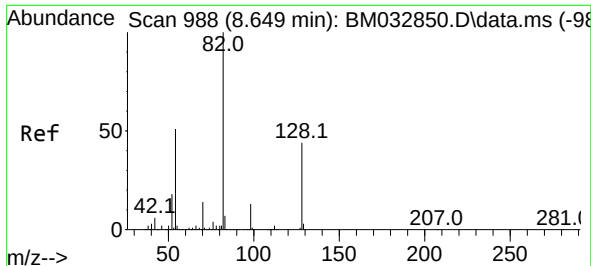
Tgt Ion:136 Resp: 437586
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 8.4 7.4 11.0
68 6.0 3.8 5.8#



#22
Acetophenone
Concen: 49.663 ng
RT: 8.313 min Scan# 931
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:105 Resp: 530847
Ion Ratio Lower Upper
105 100
71 3.6 3.8 5.6#
51 27.2 29.5 44.3#
120 22.0 16.3 24.5

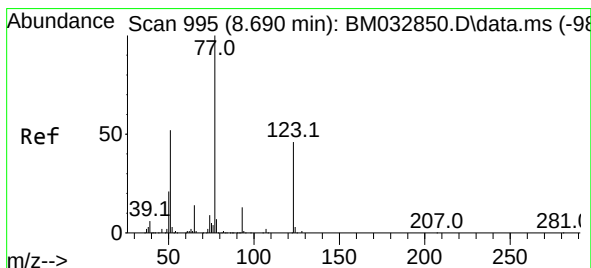
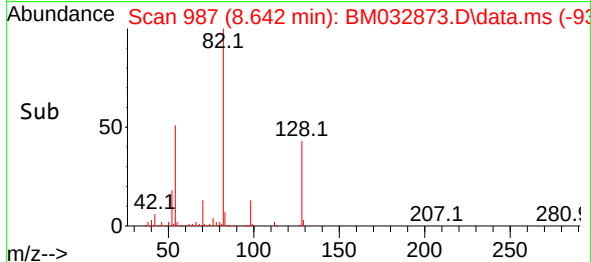
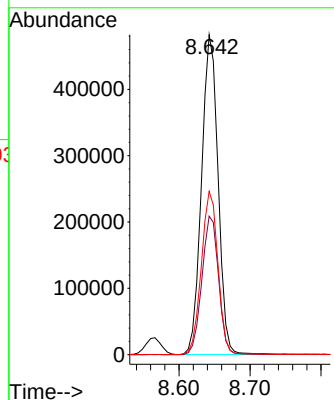
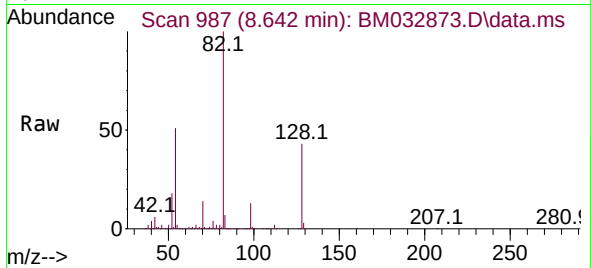




#23
Nitrobenzene-d5
Concen: 97.894 ng
RT: 8.642 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

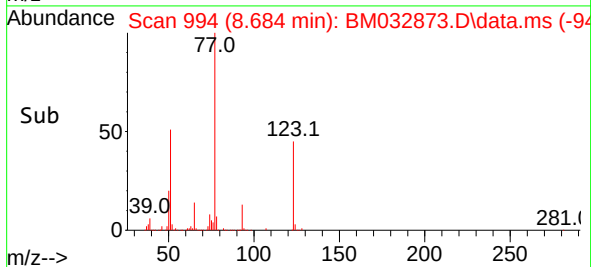
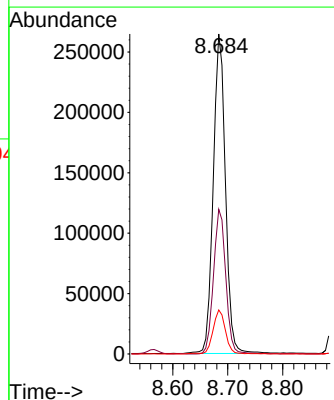
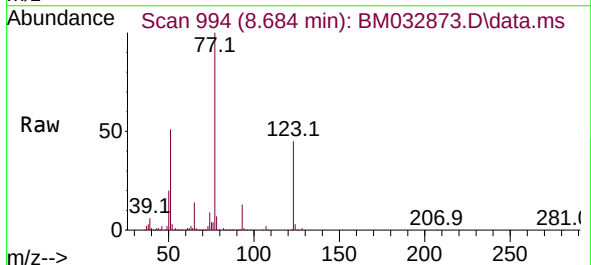
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

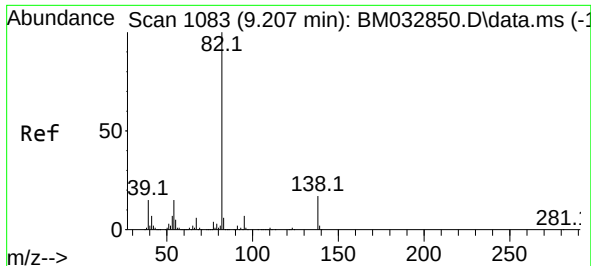
Tgt Ion: 82 Resp: 782661
Ion Ratio Lower Upper
82 100
128 43.3 29.0 43.6
54 51.0 45.8 68.8



#24
Nitrobenzene
Concen: 53.384 ng
RT: 8.684 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion: 77 Resp: 408938
Ion Ratio Lower Upper
77 100
123 45.2 30.1 45.1#
65 13.8 11.7 17.5

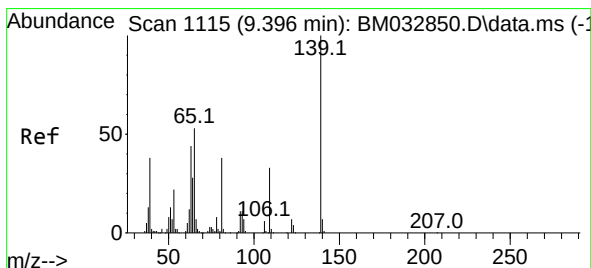
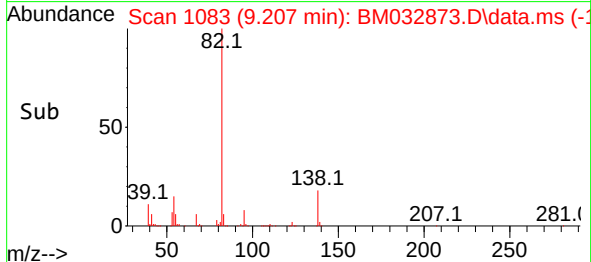
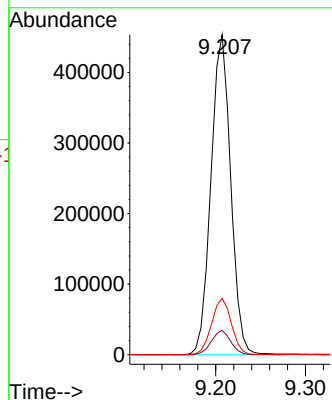
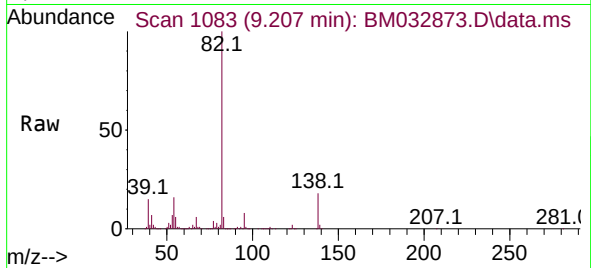




#25
Isophorone
Concen: 48.966 ng
RT: 9.207 min Scan# 1083
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

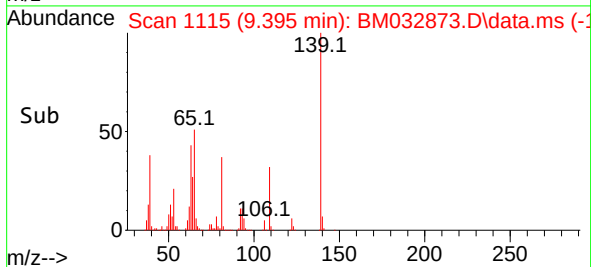
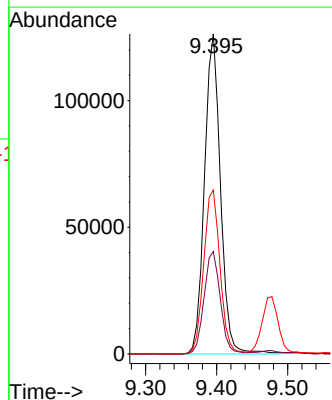
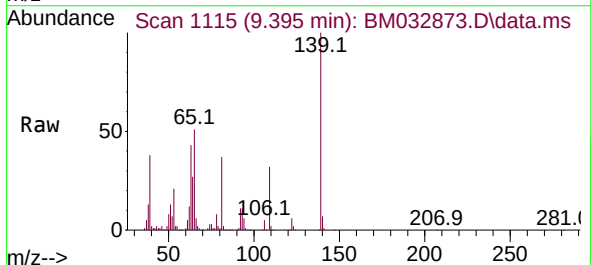
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

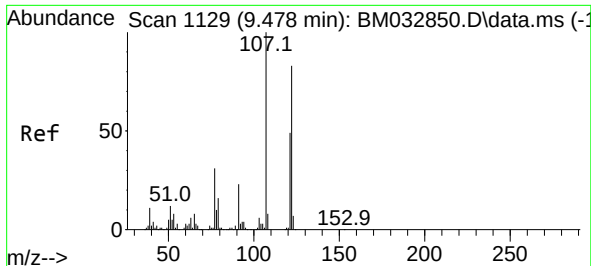
Tgt Ion: 82 Resp: 691773
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 17.6 12.4 18.6



#26
2-Nitrophenol
Concen: 55.456 ng
RT: 9.395 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:139 Resp: 198317
Ion Ratio Lower Upper
139 100
109 32.0 34.8 52.2#
65 51.3 59.9 89.9#





#27

2,4-Dimethylphenol

Concen: 55.883 ng

RT: 9.478 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

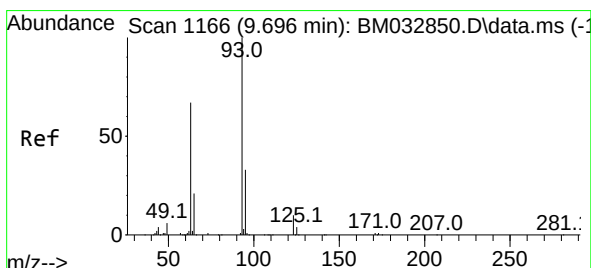
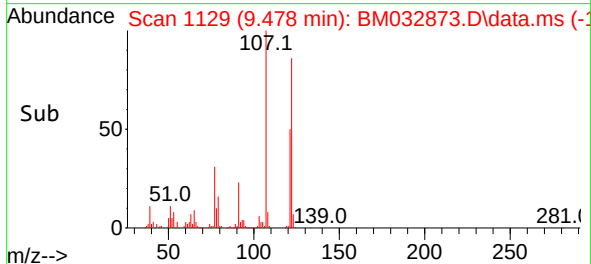
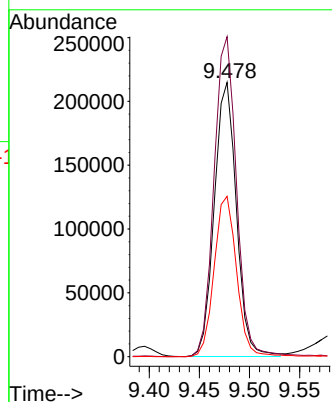
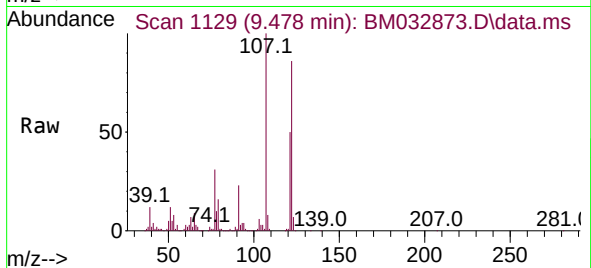
Tgt Ion:122 Resp: 328825

Ion Ratio Lower Upper

122 100

107 116.7 100.6 150.8

121 58.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 47.424 ng

RT: 9.689 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

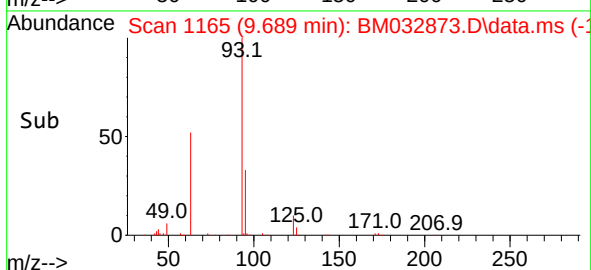
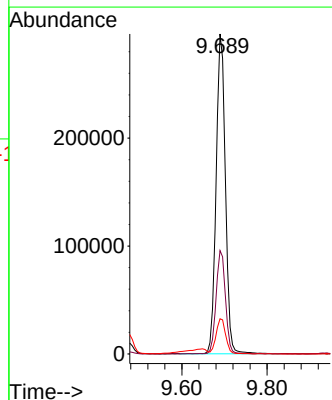
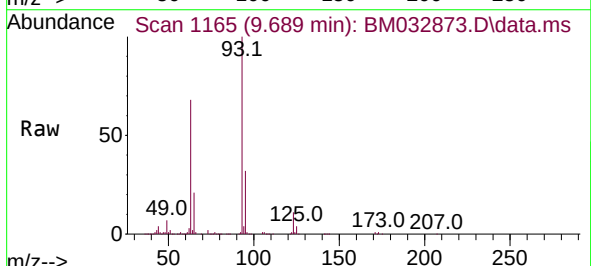
Tgt Ion: 93 Resp: 447647

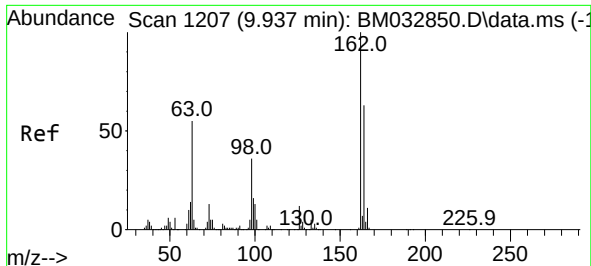
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 49.606 ng

RT: 9.936 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

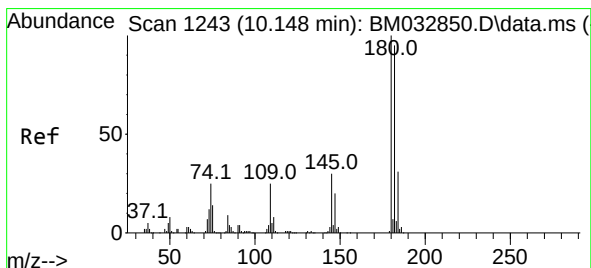
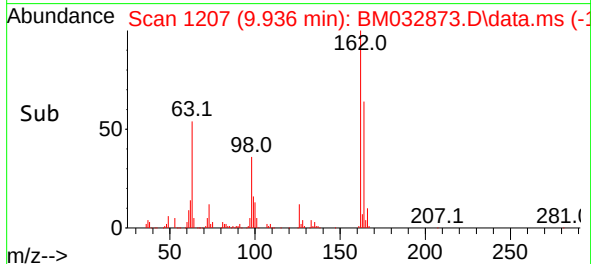
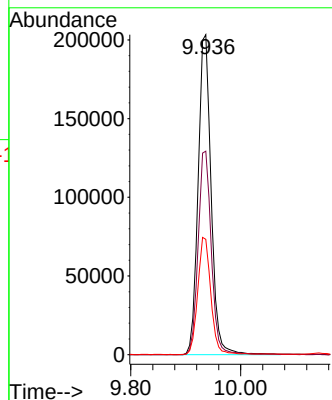
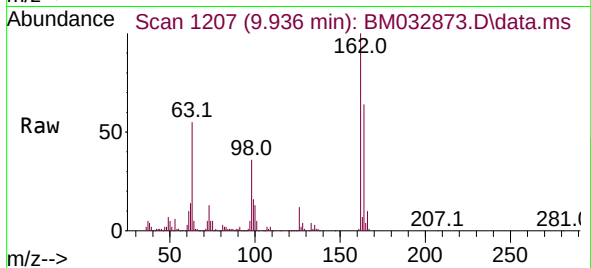
Tgt Ion:162 Resp: 334752

Ion Ratio Lower Upper

162 100

164 63.6 47.4 87.4

98 36.0 18.9 58.9



#30

1,2,4-Trichlorobenzene

Concen: 50.027 ng

RT: 10.142 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

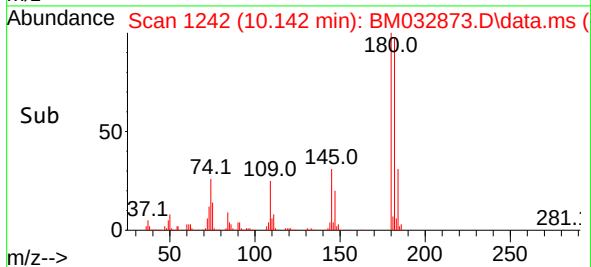
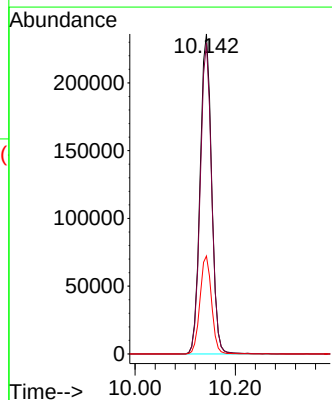
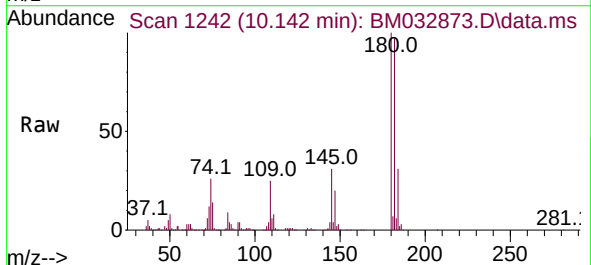
Tgt Ion:180 Resp: 375199

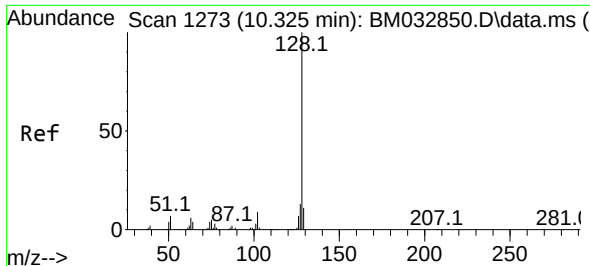
Ion Ratio Lower Upper

180 100

182 97.2 75.5 113.3

145 30.6 26.2 39.2

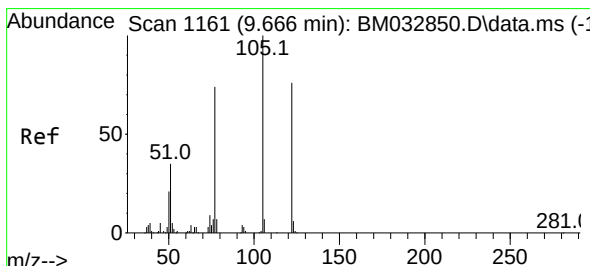
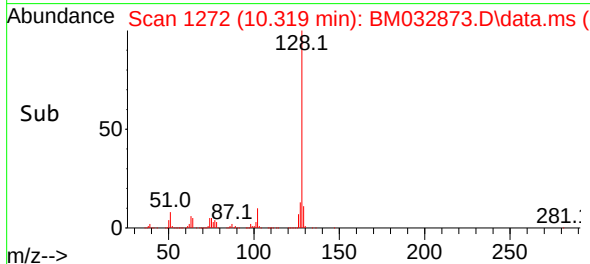
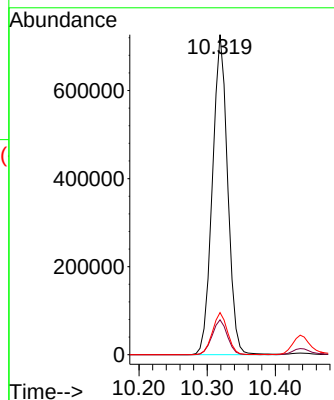
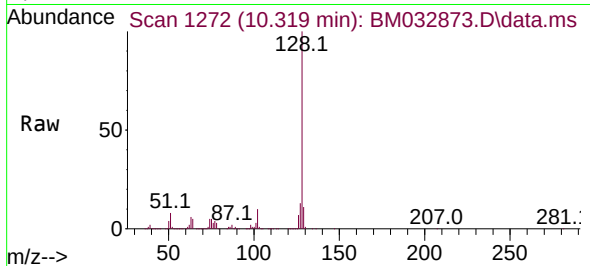




#31
Naphthalene
Concen: 49.783 ng
RT: 10.319 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

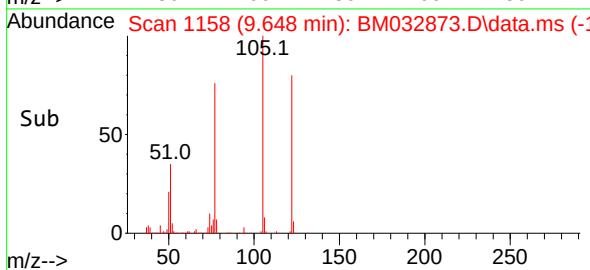
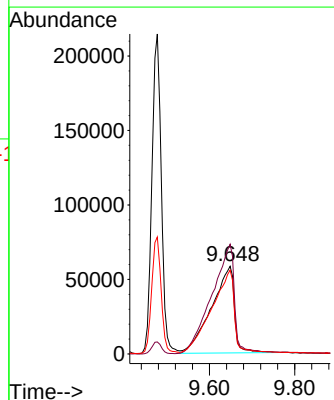
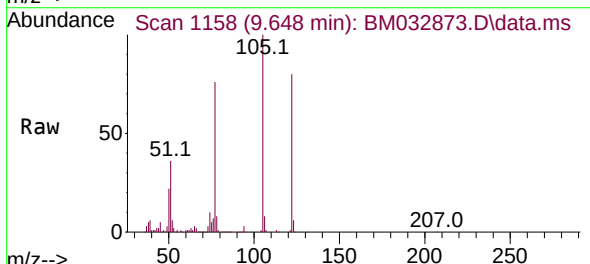
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

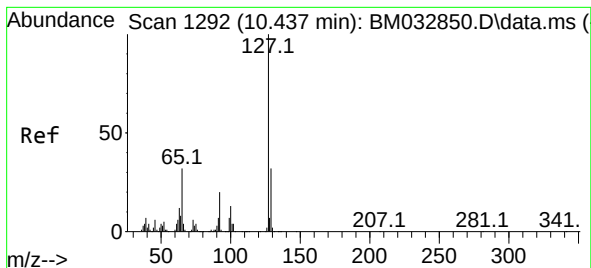
Tgt Ion:128 Resp: 1130747
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 45.764 ng
RT: 9.648 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:122 Resp: 217766
Ion Ratio Lower Upper
122 100
105 125.1 120.3 160.3
77 95.6 100.0 140.0#





#33

4-Chloroaniline

Concen: 9.159 ng

RT: 10.436 min Scan# 1292

Delta R.T. -0.000 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

Tgt Ion:127 Resp: 86873

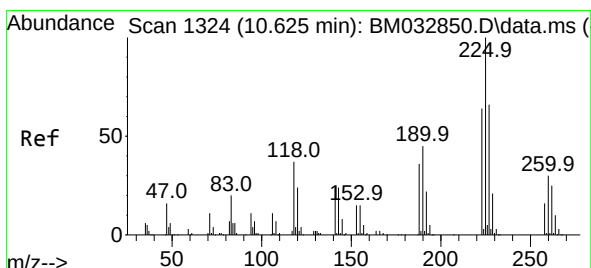
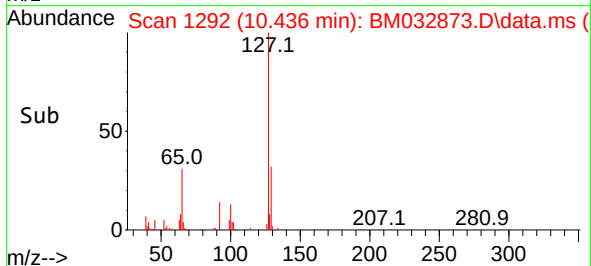
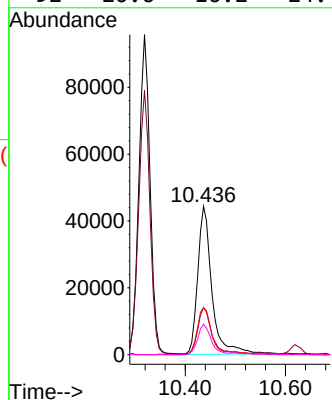
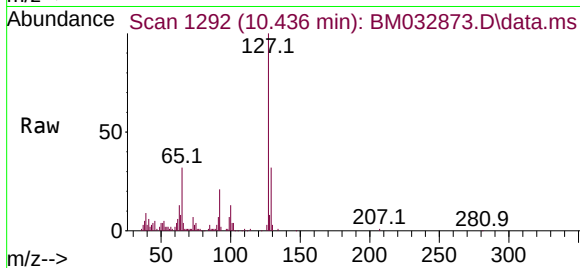
Ion Ratio Lower Upper

127 100

129 31.5 25.6 38.4

65 31.8 30.4 45.6

92 20.6 16.2 24.4



#34

Hexachlorobutadiene

Concen: 50.258 ng

RT: 10.625 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

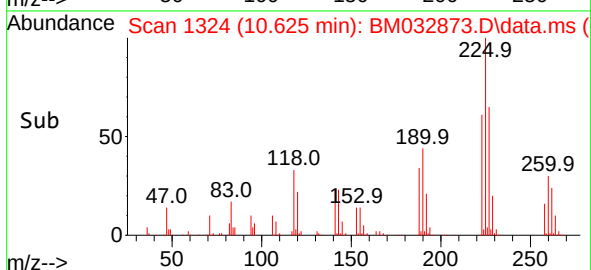
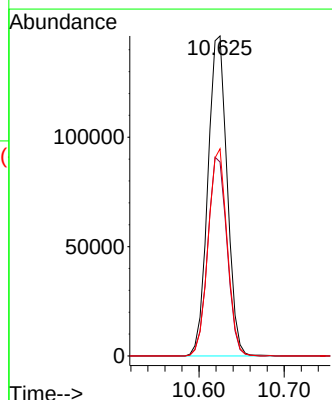
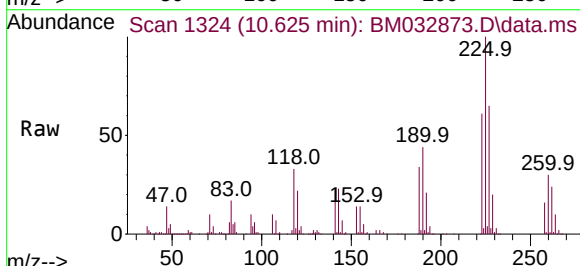
Tgt Ion:225 Resp: 229138

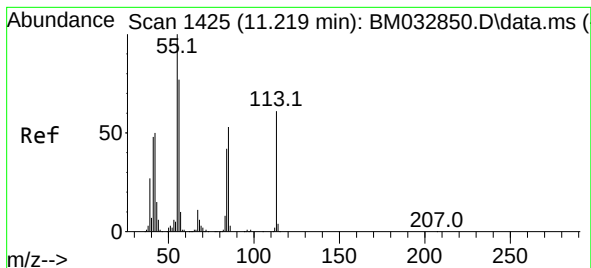
Ion Ratio Lower Upper

225 100

223 60.6 52.6 78.8

227 64.8 51.2 76.8

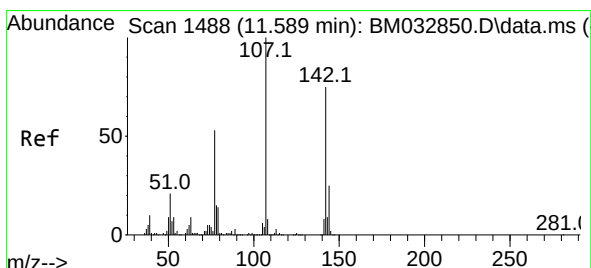
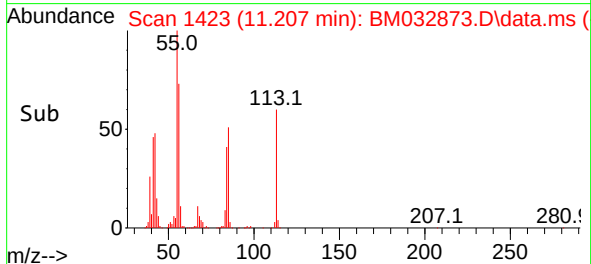
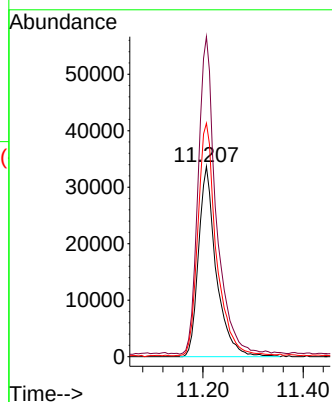
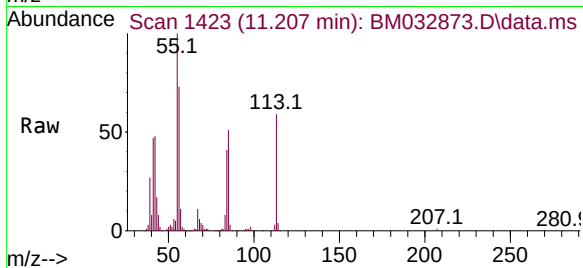




#35
 Caprolactam
 Concen: 36.355 ng
 RT: 11.207 min Scan# 1423
 Delta R.T. -0.012 min
 Lab File: BM032873.D
 Acq: 04 Nov 2021 14:00

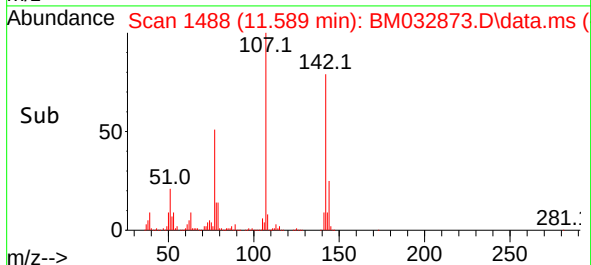
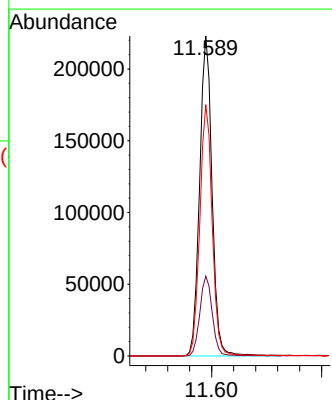
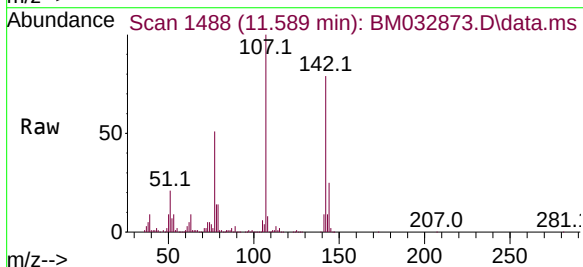
Instrument :
 BNA_M
 ClientSampleId :
 TP-1MSD

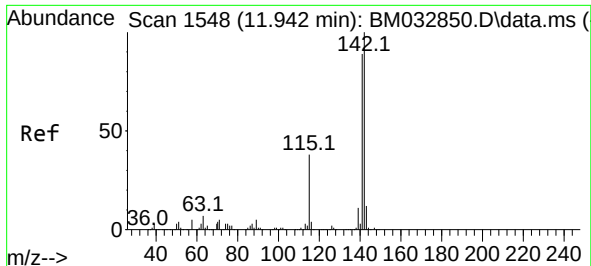
Tgt Ion:113 Resp: 82266
 Ion Ratio Lower Upper
 113 100
 55 168.2 170.5 210.5#
 56 122.8 125.2 165.2#



#36
 4-Chloro-3-methylphenol
 Concen: 45.398 ng
 RT: 11.589 min Scan# 1488
 Delta R.T. -0.000 min
 Lab File: BM032873.D
 Acq: 04 Nov 2021 14:00

Tgt Ion:107 Resp: 350457
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.3 28.9
 142 78.5 60.5 90.7





#37

2-Methylnaphthalene

Concen: 45.053 ng

RT: 12.166 min Scan# 1586

Delta R.T. 0.223 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

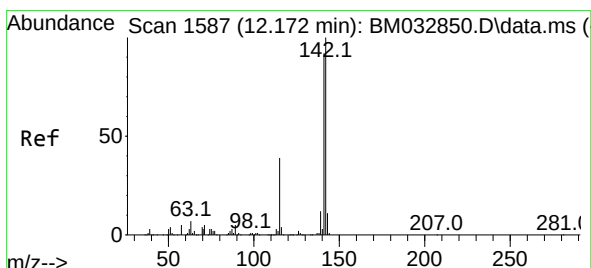
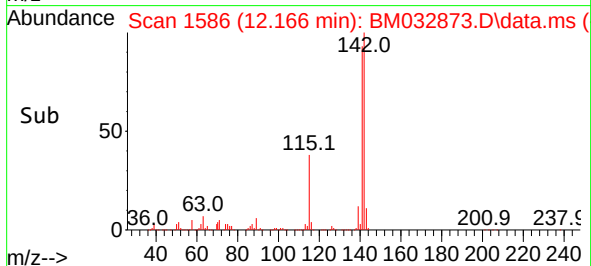
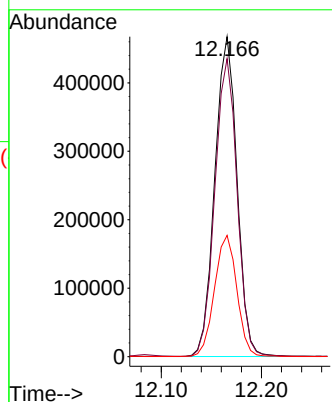
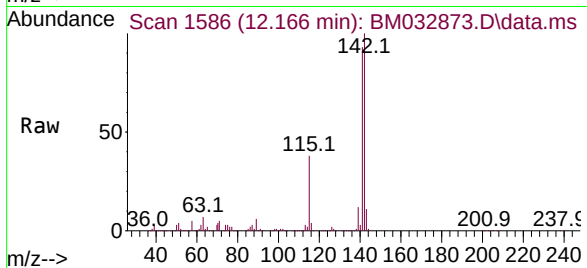
Tgt Ion:142 Resp: 719204

Ion Ratio Lower Upper

142 100

141 93.1 71.8 107.6

115 37.9 36.3 54.5



#38

1-Methylnaphthalene

Concen: 45.613 ng

RT: 12.166 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

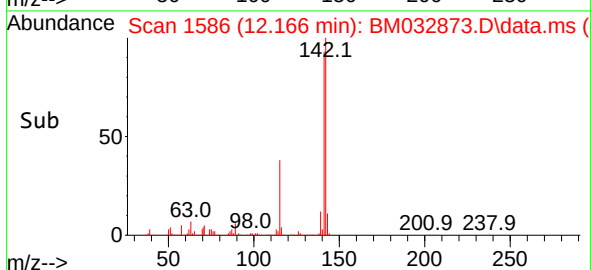
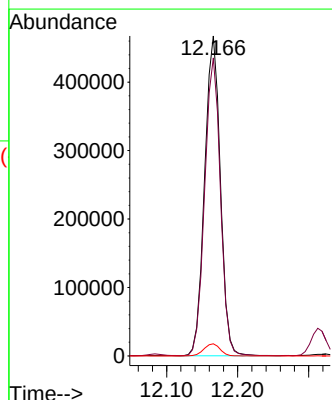
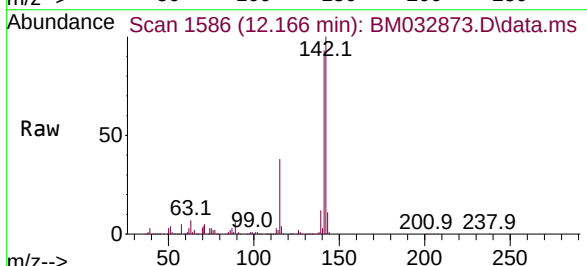
Tgt Ion:142 Resp: 720173

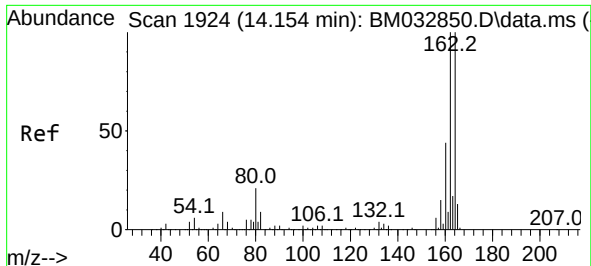
Ion Ratio Lower Upper

142 100

141 93.1 75.6 113.4

116 3.8 4.0 6.0#

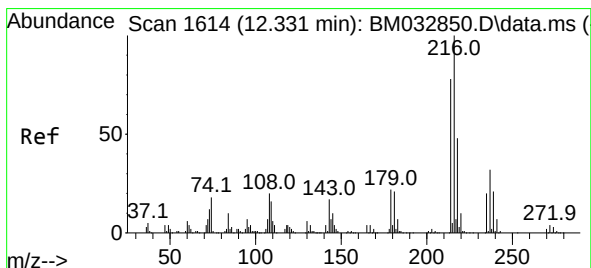
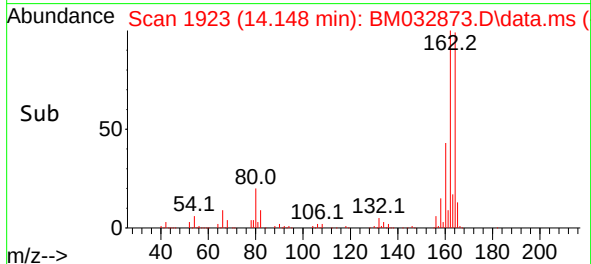
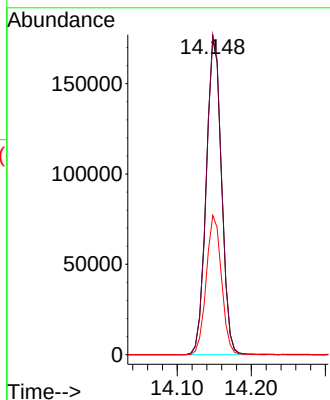
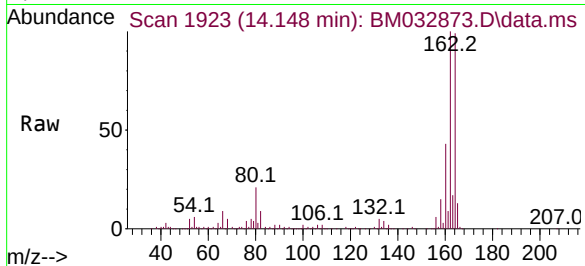




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.148 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

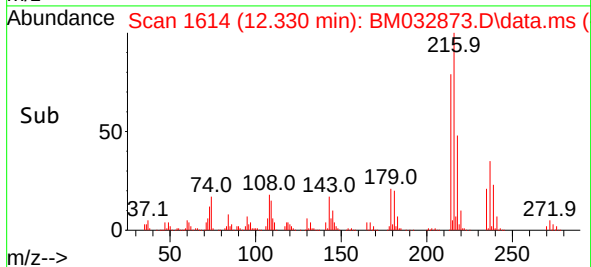
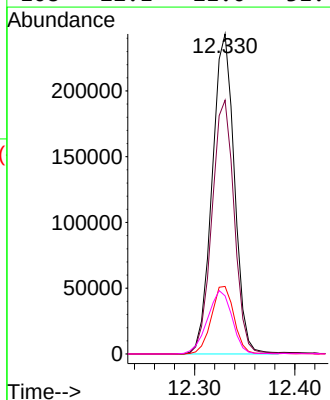
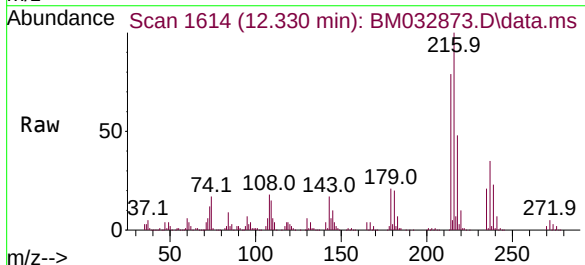
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

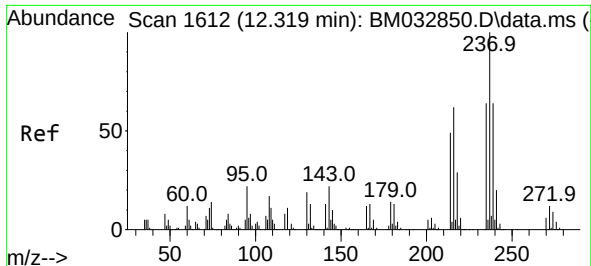
Tgt Ion:164 Resp: 251210
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 44.1 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.894 ng
RT: 12.330 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:216 Resp: 374287
Ion Ratio Lower Upper
216 100
214 80.1 62.5 93.7
179 21.7 18.7 28.1
108 22.1 21.0 31.4

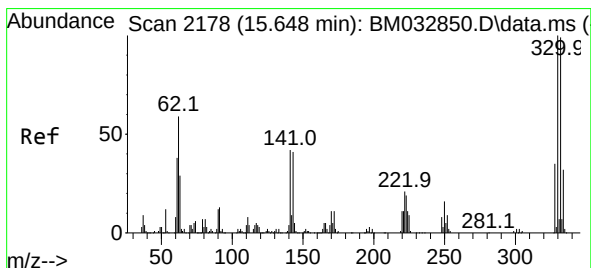
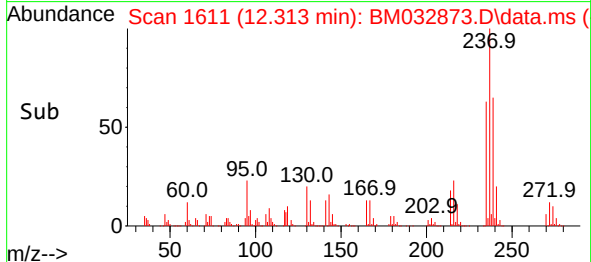
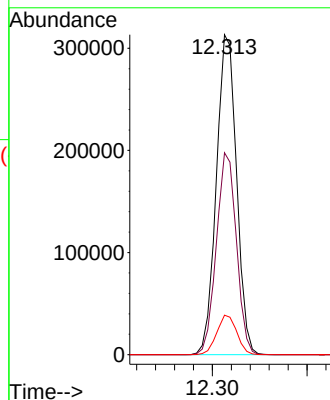
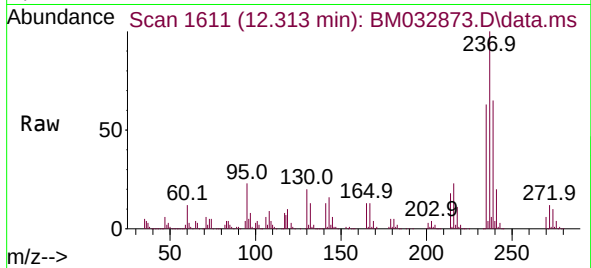




#41
Hexachlorocyclopentadiene
Concen: 127.484 ng
RT: 12.313 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

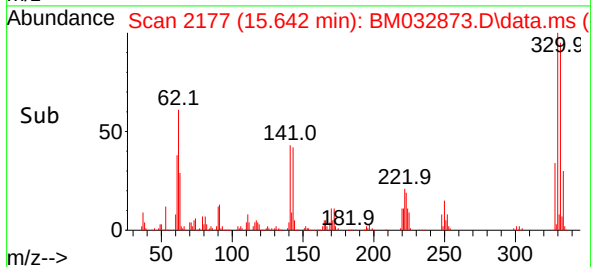
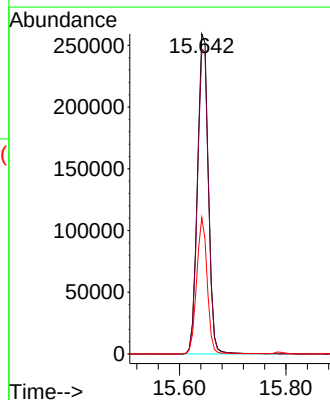
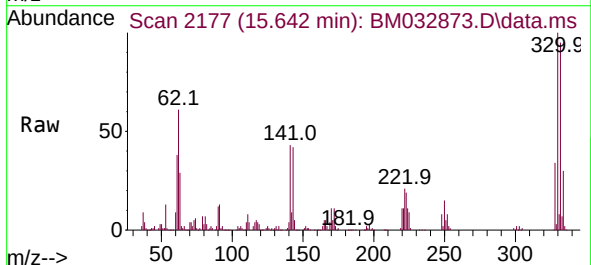
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

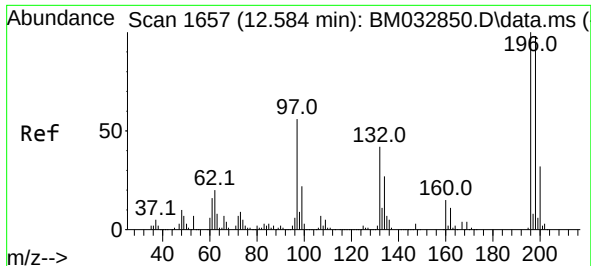
Tgt Ion:237 Resp: 464956
Ion Ratio Lower Upper
237 100
235 63.1 44.4 84.4
272 12.3 0.0 31.4



#42
2,4,6-Tribromophenol
Concen: 131.473 ng
RT: 15.642 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:330 Resp: 369884
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 40.9 50.7 76.1#

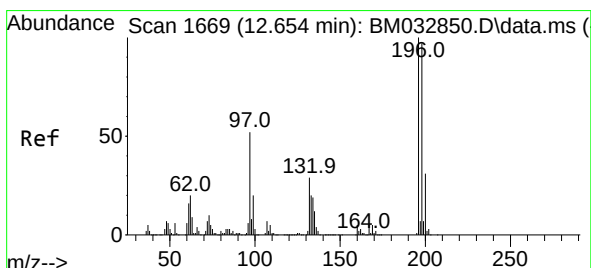
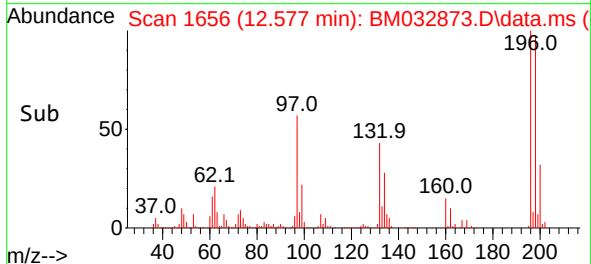
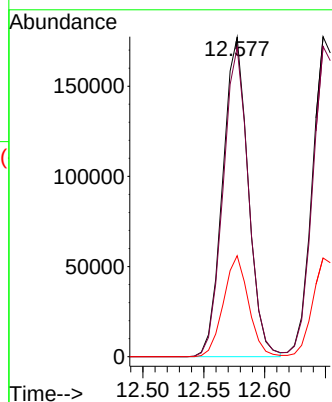
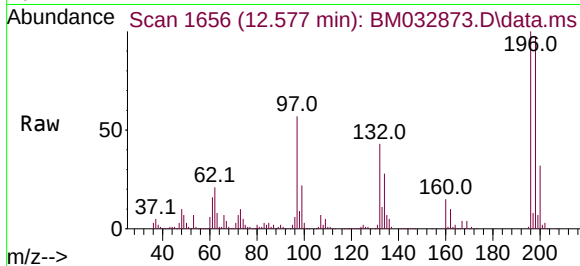




#43
2,4,6-Trichlorophenol
Concen: 53.045 ng
RT: 12.577 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

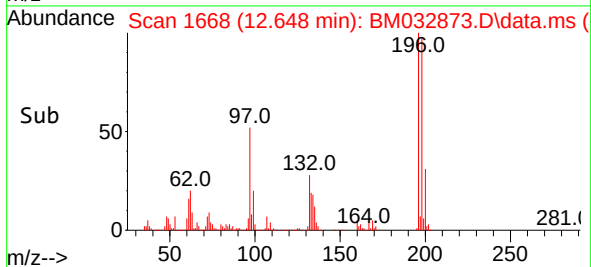
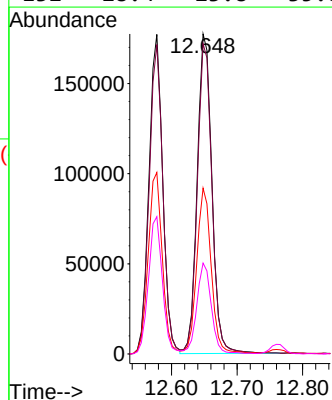
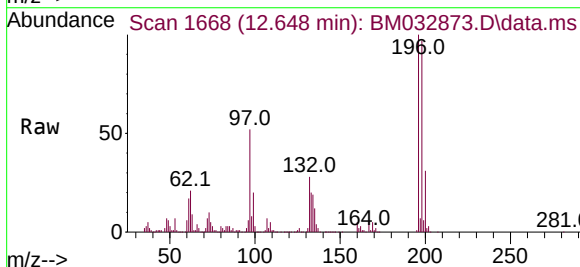
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

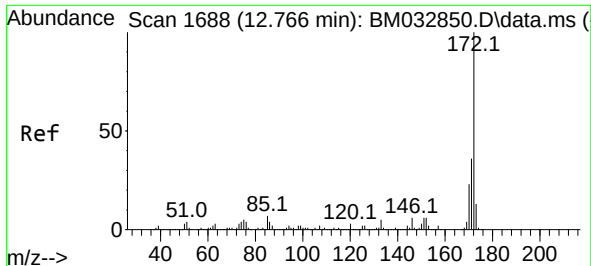
Tgt Ion:196 Resp: 257791
Ion Ratio Lower Upper
196 100
198 96.9 73.6 110.4
200 31.6 22.1 33.1



#44
2,4,5-Trichlorophenol
Concen: 51.666 ng
RT: 12.648 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:196 Resp: 277489
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.4
97 51.8 53.9 80.9#
132 28.4 23.8 35.8

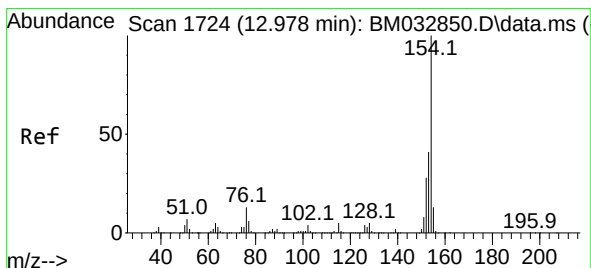
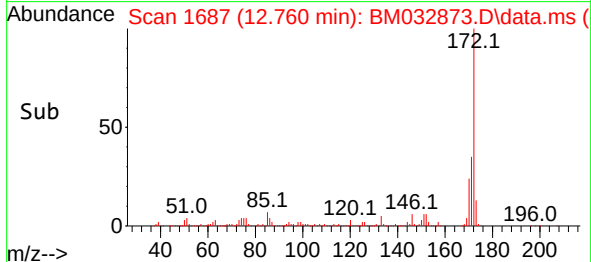
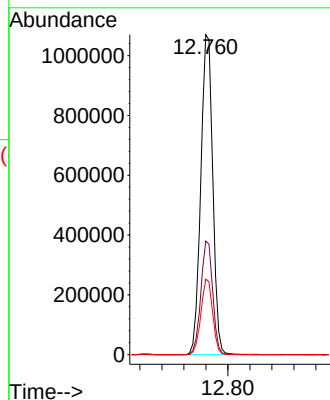
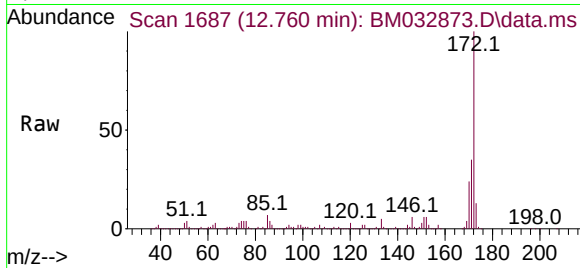




#45
2-Fluorobiphenyl
Concen: 100.045 ng
RT: 12.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

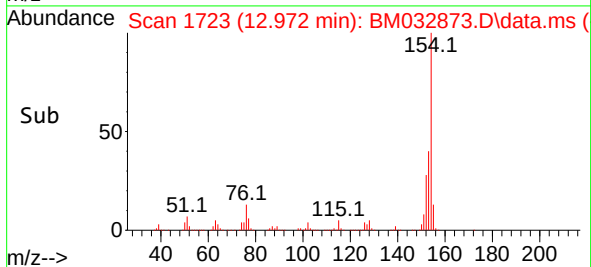
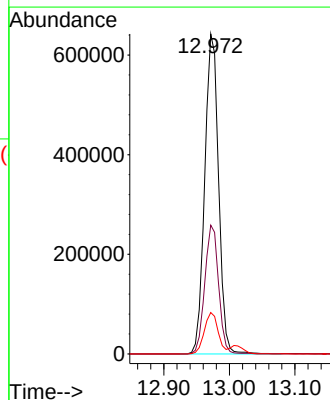
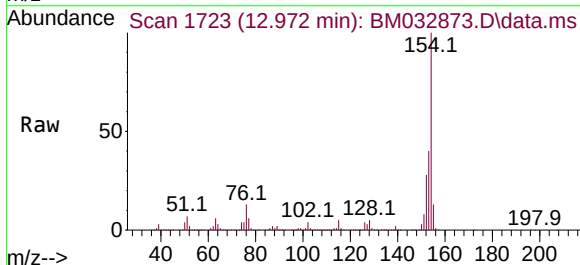
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BNA_M
ClientSampleId :
TP-1MSD

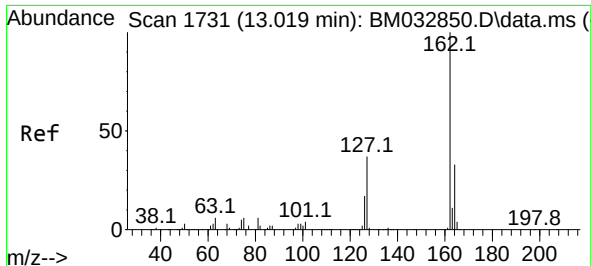
Tgt Ion:172 Resp: 1620401
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 52.150 ng
RT: 12.972 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:154 Resp: 946717
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 12.9 0.0 33.5

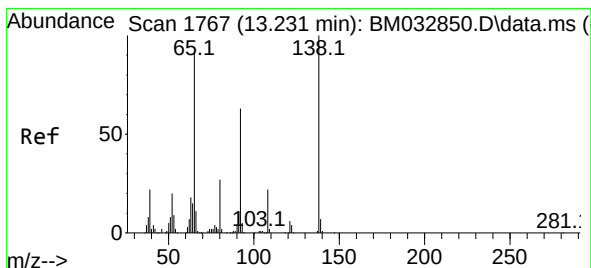
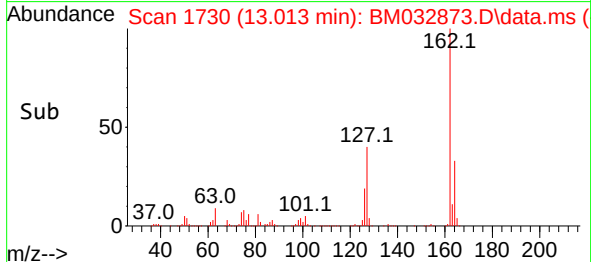
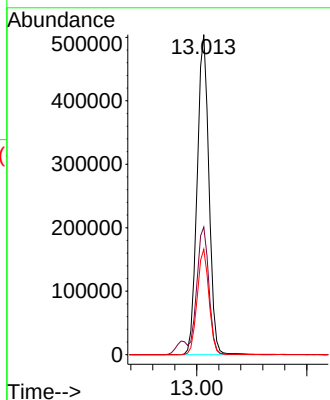
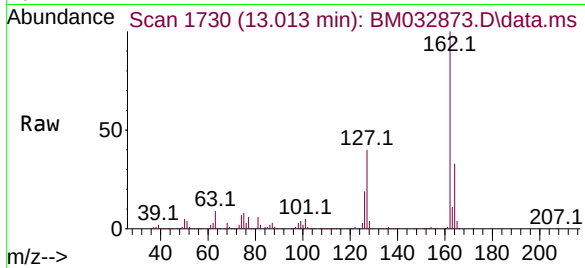




#47
2-Chloronaphthalene
Concen: 53.940 ng
RT: 13.013 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

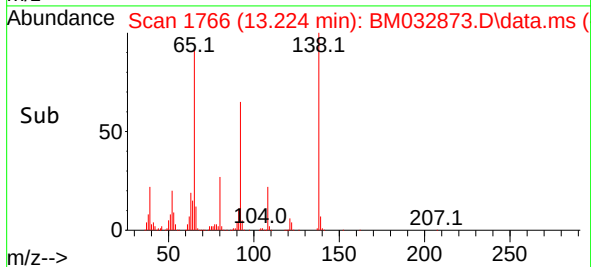
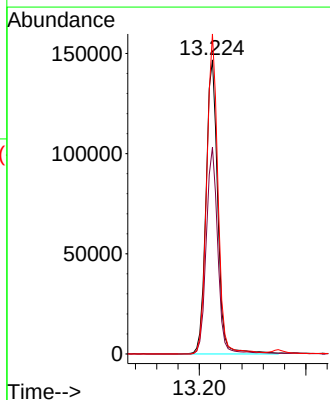
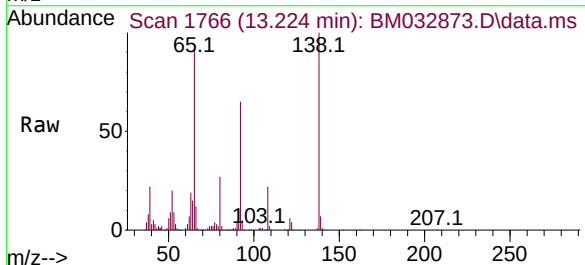
Instrument :
BNA_M
ClientSampleId :
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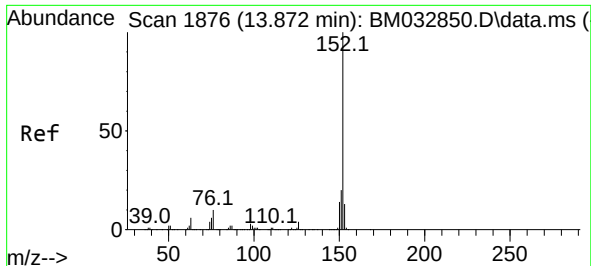
Tgt Ion:162 Resp: 751767
Ion Ratio Lower Upper
162 100
127 39.9 33.2 49.8
164 33.0 25.7 38.5



#48
2-Nitroaniline
Concen: 54.683 ng
RT: 13.224 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion: 65 Resp: 223933
Ion Ratio Lower Upper
65 100
92 70.2 51.2 76.8
138 108.8 66.8 100.2#

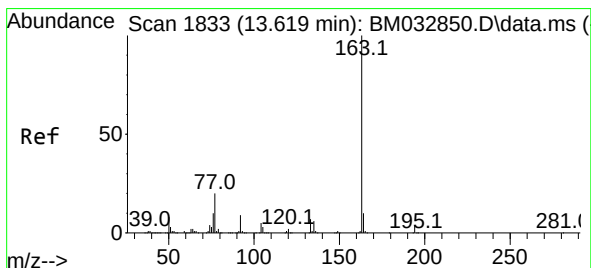
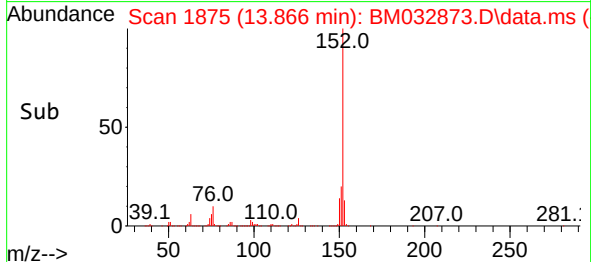
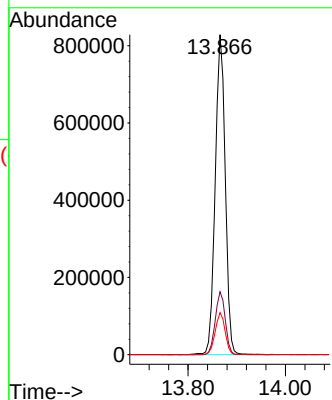
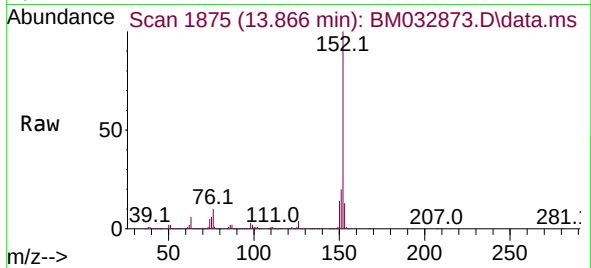




#49
Acenaphthylene
Concen: 52.763 ng
RT: 13.866 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

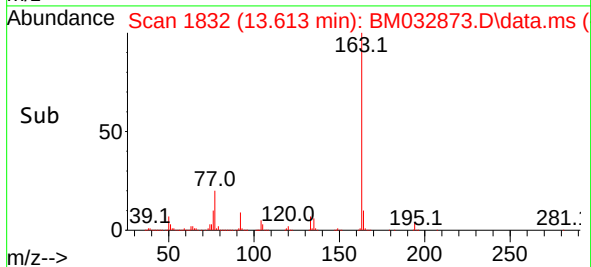
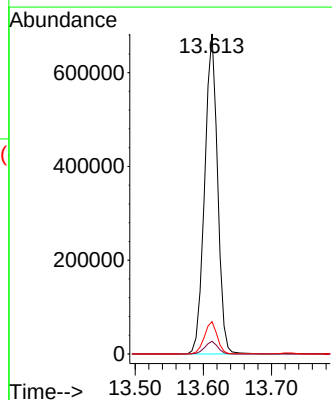
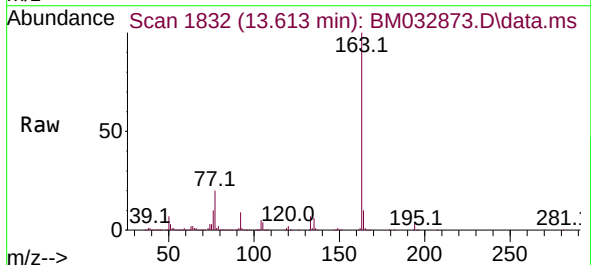
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

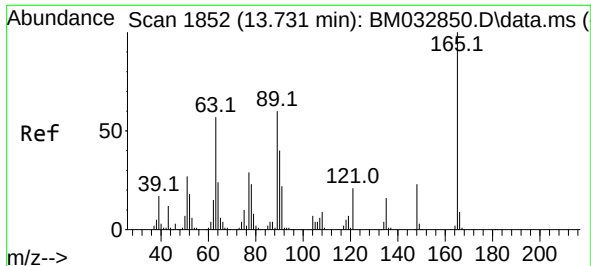
Tgt Ion:152 Resp: 1179853
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 49.135 ng
RT: 13.613 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:163 Resp: 898089
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 10.1 8.0 12.0

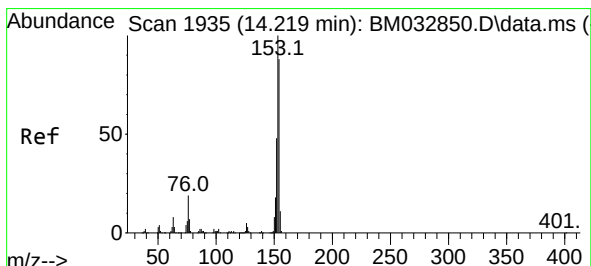
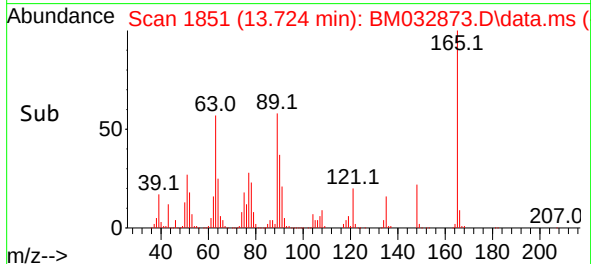
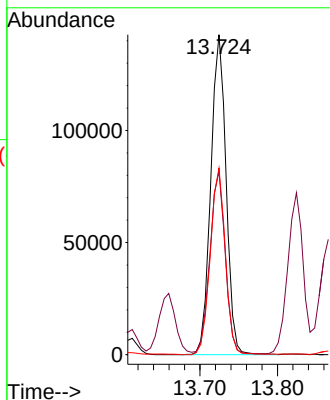
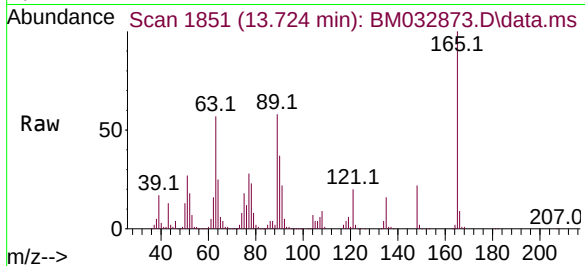




#51
2,6-Dinitrotoluene
Concen: 52.259 ng
RT: 13.724 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

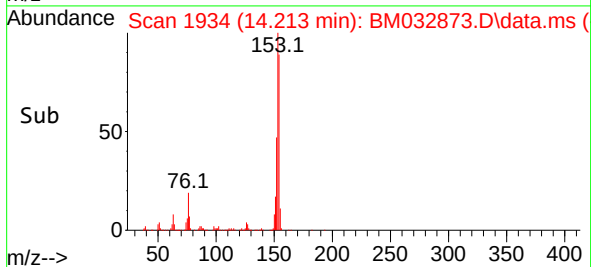
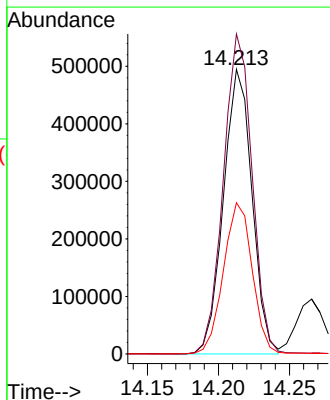
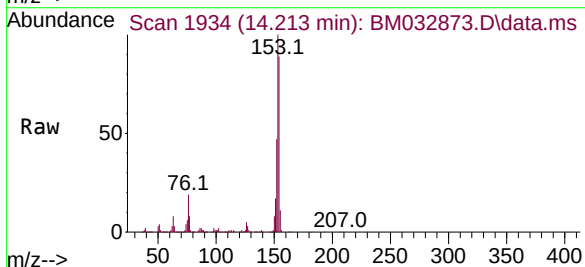
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

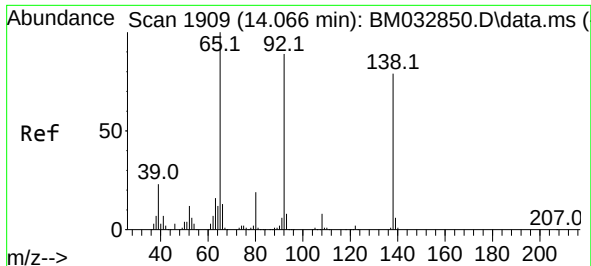
Tgt Ion:165 Resp: 195237
Ion Ratio Lower Upper
165 100
63 57.3 72.4 108.6#
89 58.3 69.3 103.9#



#52
Acenaphthene
Concen: 51.991 ng
RT: 14.213 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:154 Resp: 692522
Ion Ratio Lower Upper
154 100
153 112.4 92.4 138.6
152 53.1 43.7 65.5

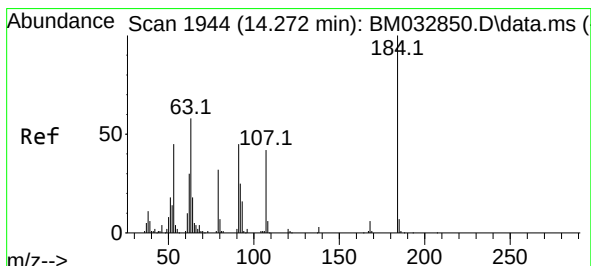
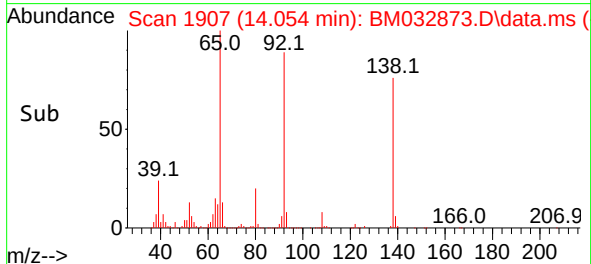
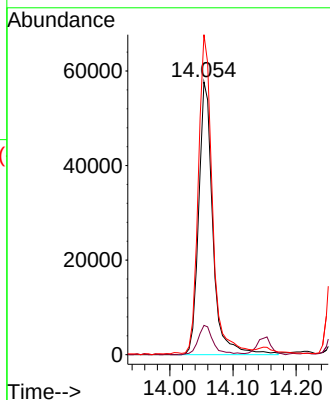
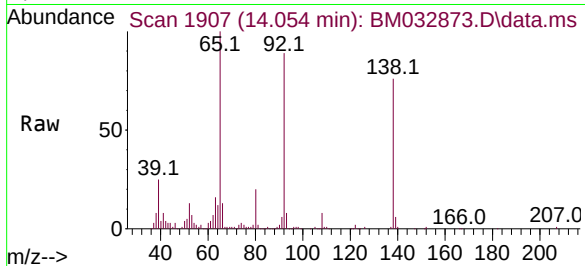




#53
3-Nitroaniline
Concen: 22.045 ng
RT: 14.054 min Scan# 1907
Delta R.T. -0.012 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

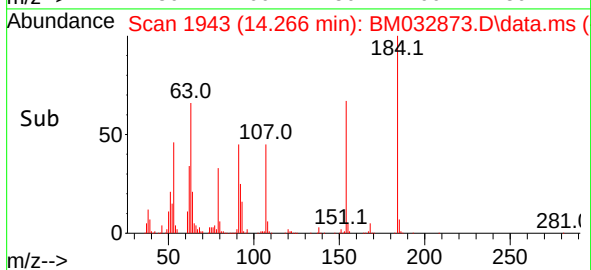
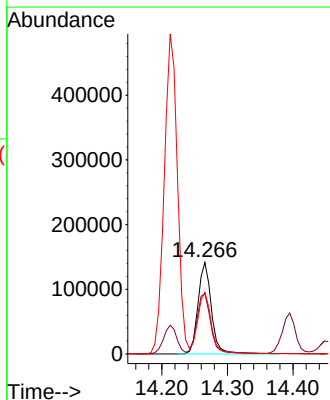
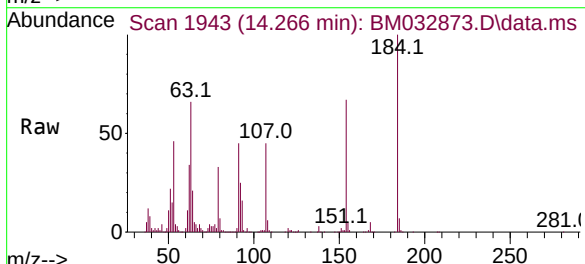
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

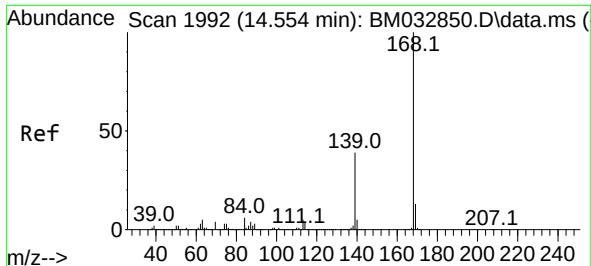
Tgt Ion:138 Resp: 89634
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 117.3 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 79.025 ng
RT: 14.266 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:184 Resp: 202043
Ion Ratio Lower Upper
184 100
63 65.8 93.8 140.6#
154 67.4 64.0 96.0

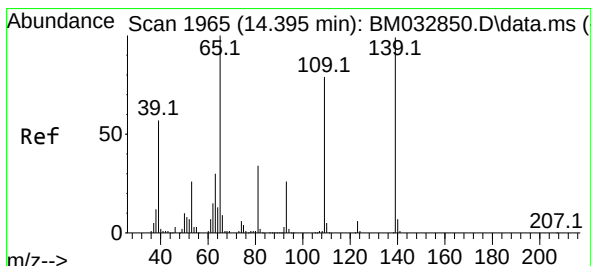
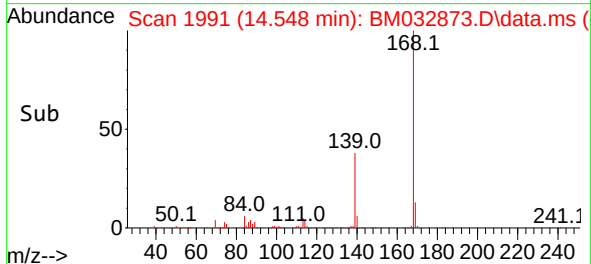
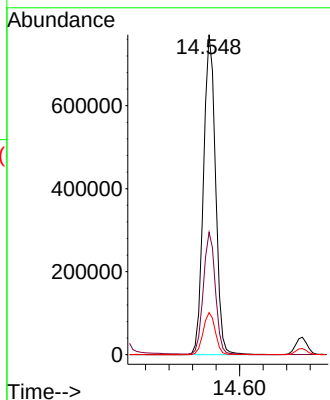
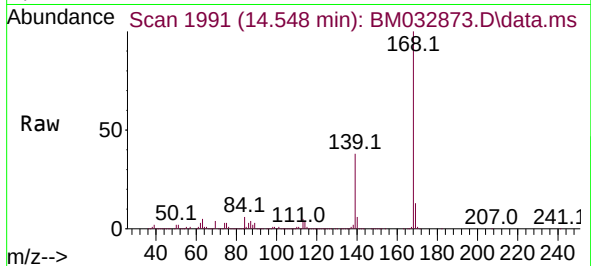




#55
Dibenzofuran
Concen: 49.247 ng
RT: 14.548 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

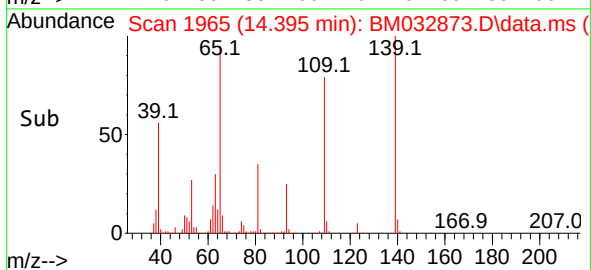
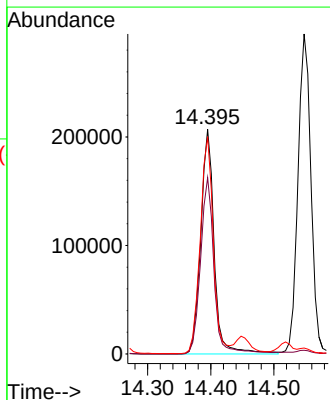
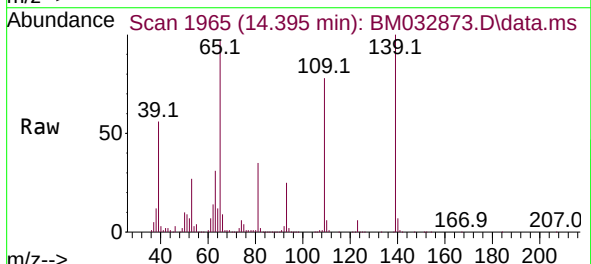
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

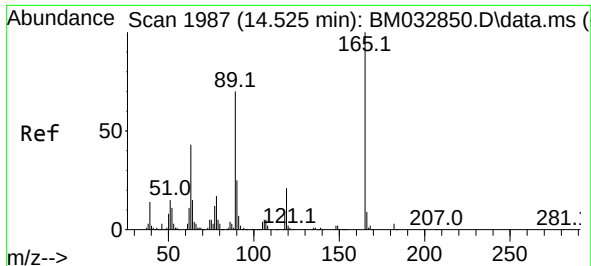
Tgt Ion:168 Resp: 1101238
Ion Ratio Lower Upper
168 100
139 38.2 35.0 52.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 92.567 ng
RT: 14.395 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:139 Resp: 306681
Ion Ratio Lower Upper
139 100
109 78.5 92.3 132.3#
65 96.8 110.5 150.5#

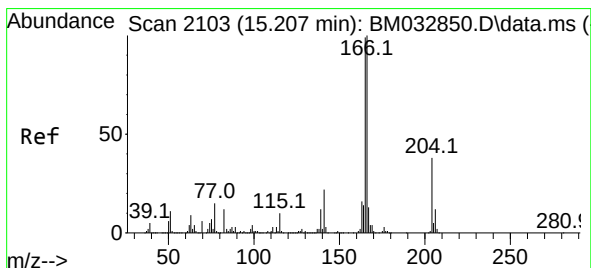
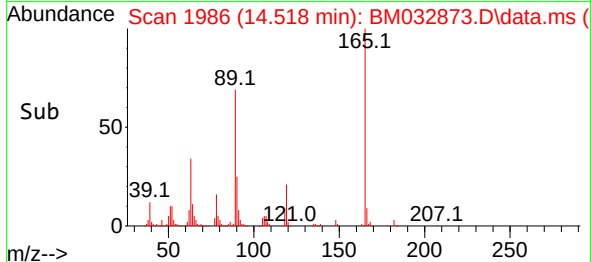
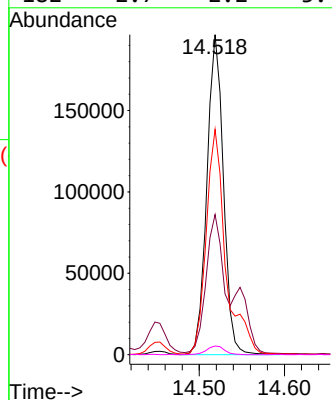
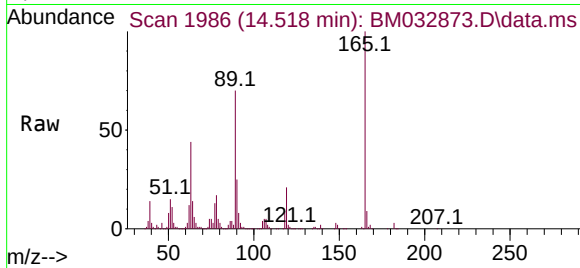




#57
2,4-Dinitrotoluene
Concen: 52.436 ng
RT: 14.518 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

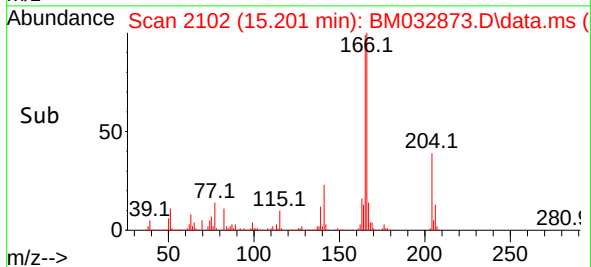
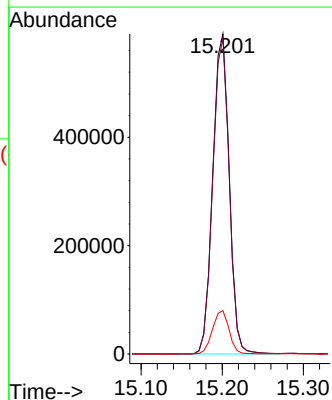
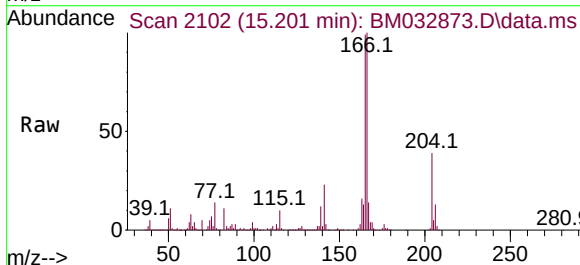
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ClientSampleId :
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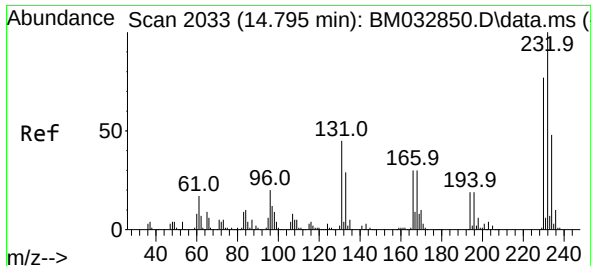
Tgt Ion:165 Resp: 265370
Ion Ratio Lower Upper
165 100
63 43.8 70.3 105.5#
89 70.4 83.1 124.7#
182 2.7 2.2 3.4



#58
Fluorene
Concen: 49.681 ng
RT: 15.201 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:166 Resp: 832876
Ion Ratio Lower Upper
166 100
165 98.6 79.3 118.9
167 13.5 10.6 16.0

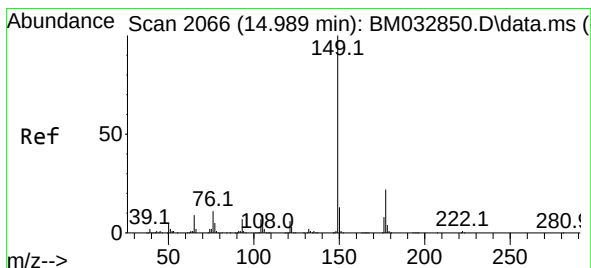
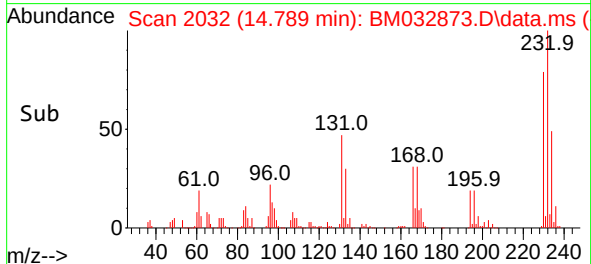
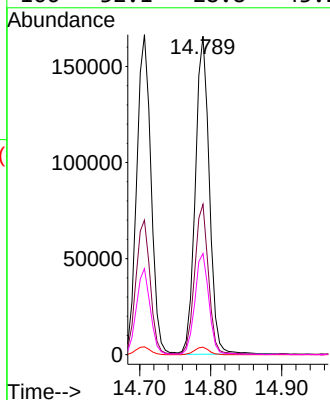
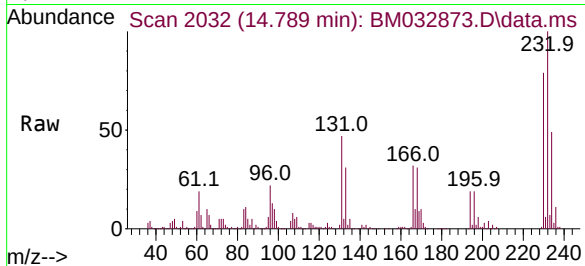




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.256 ng
RT: 14.789 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

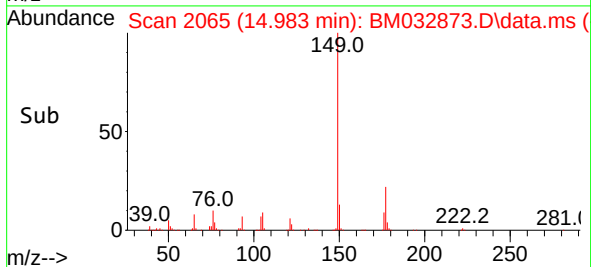
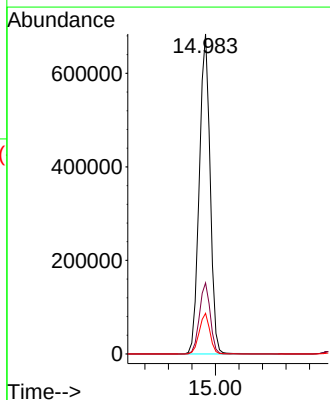
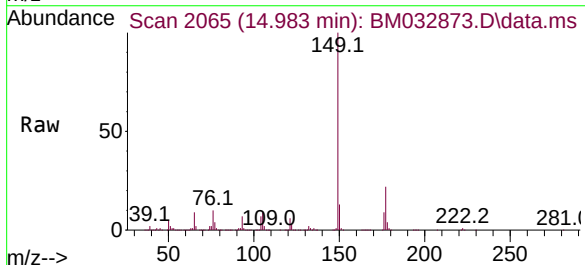
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

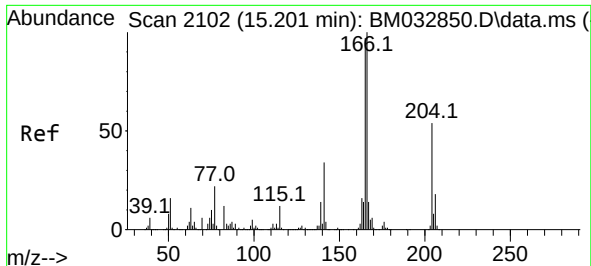
Tgt Ion:232 Resp: 227524
Ion Ratio Lower Upper
232 100
131 46.5 50.6 75.8#
130 2.4 3.0 4.4#
166 32.1 28.8 43.2



#60
Diethylphthalate
Concen: 47.570 ng
RT: 14.983 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:149 Resp: 871598
Ion Ratio Lower Upper
149 100
177 22.2 15.7 23.5
150 12.7 9.6 14.4

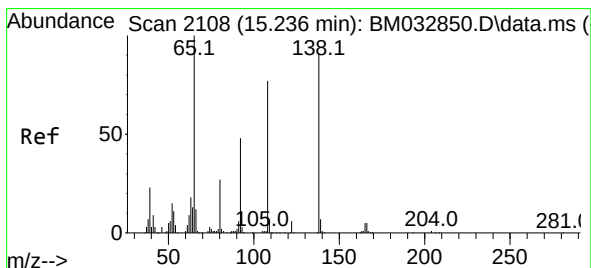
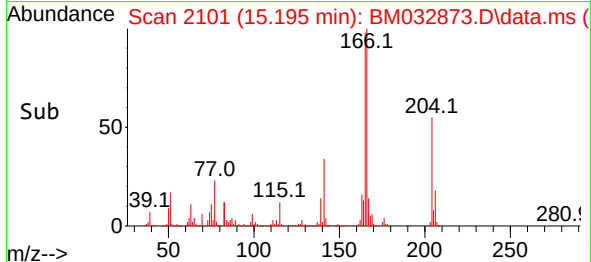
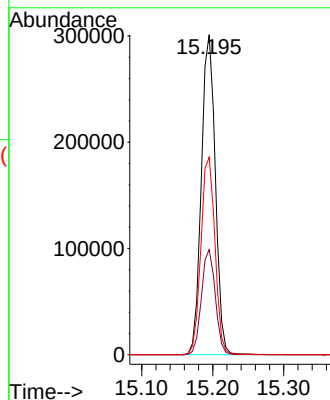
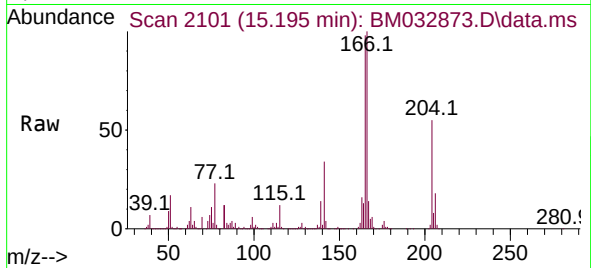




#61
4-Chlorophenyl-phenylether
Concen: 46.602 ng
RT: 15.195 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

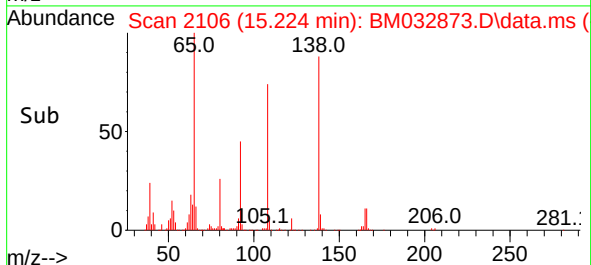
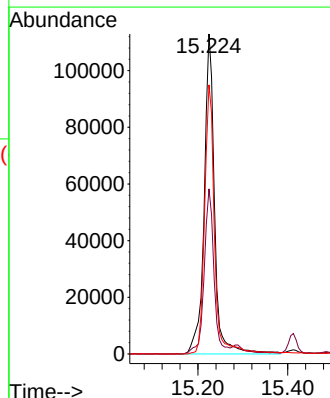
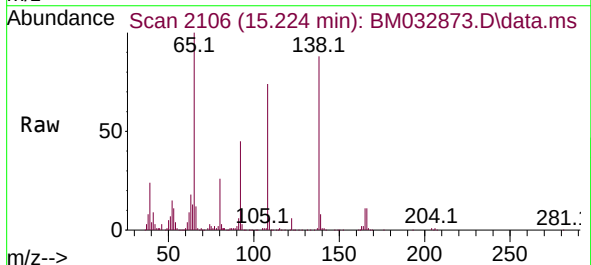
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

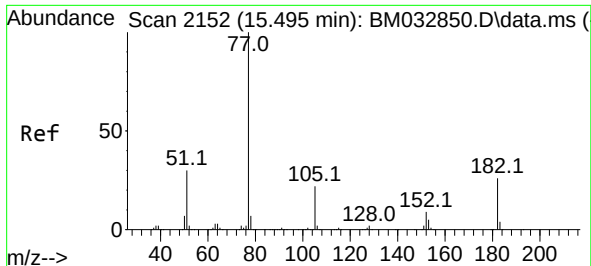
Tgt Ion:204 Resp: 413056
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 61.7 55.8 83.8



#62
4-Nitroaniline
Concen: 42.581 ng
RT: 15.224 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:138 Resp: 181989
Ion Ratio Lower Upper
138 100
92 51.6 40.6 80.6
108 84.1 103.8 143.8#

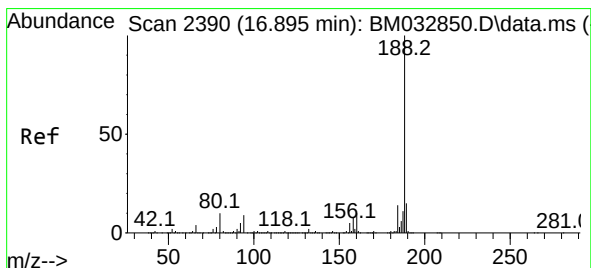
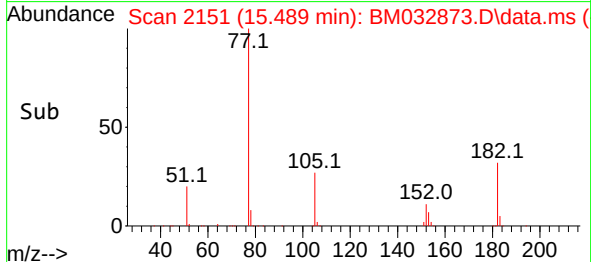
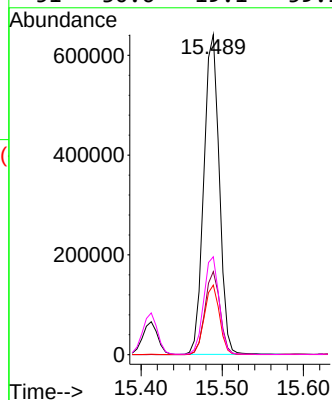
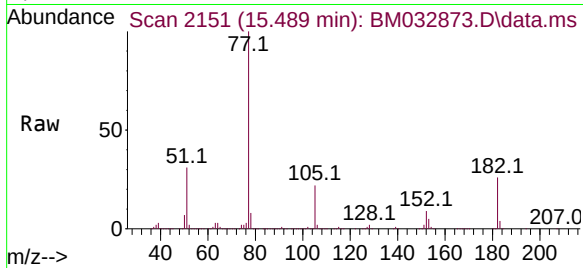




#63
Azobenzene
Concen: 48.302 ng
RT: 15.489 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

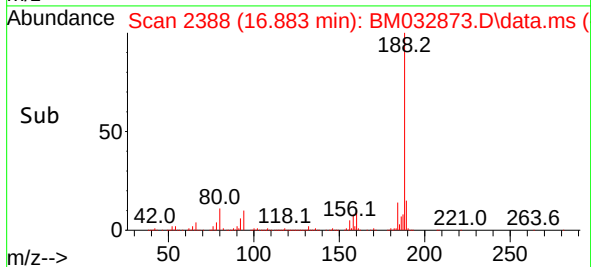
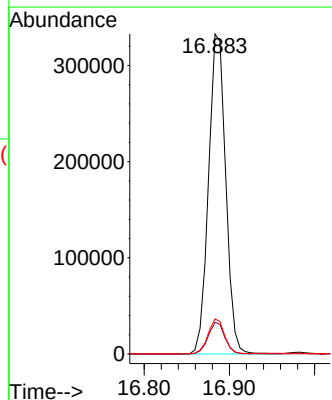
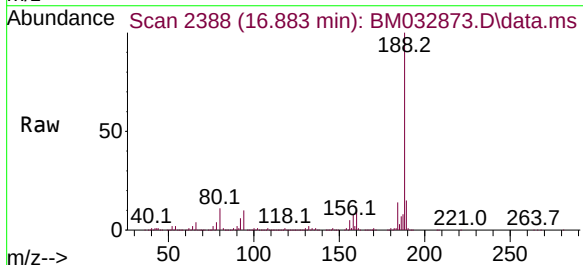
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

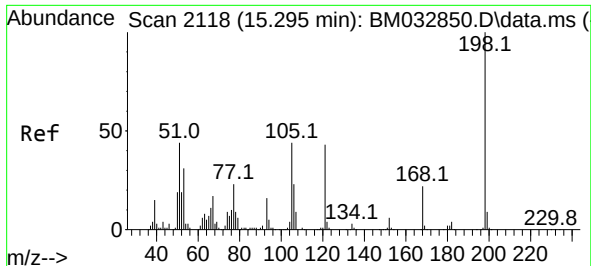
Tgt Ion: 77 Resp: 846754
Ion Ratio Lower Upper
77 100
182 26.0 0.0 39.3
105 21.7 0.0 36.1
51 30.6 19.1 59.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:188 Resp: 465700
Ion Ratio Lower Upper
188 100
94 9.9 6.3 9.5#
80 11.0 7.3 10.9#

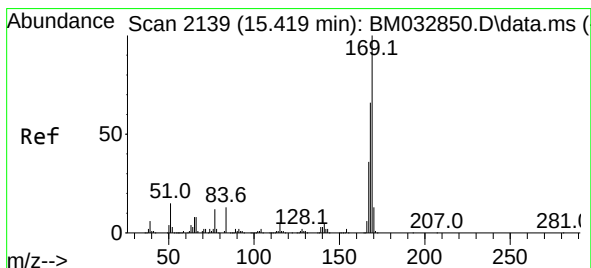
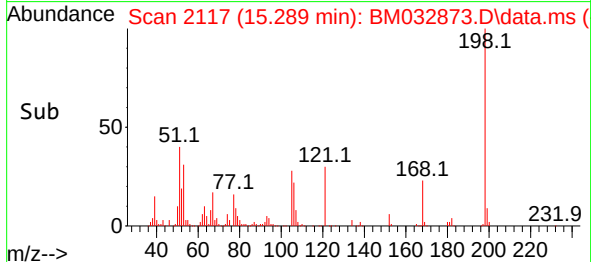
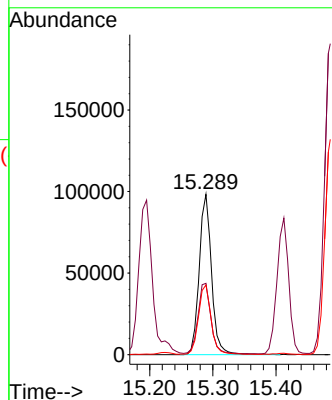
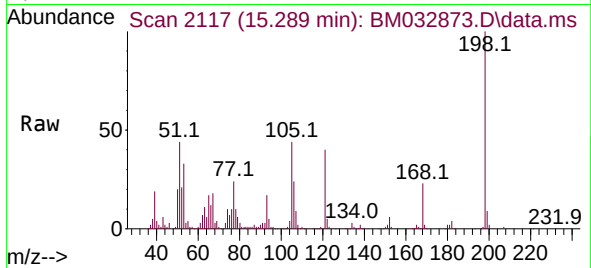




#65
4,6-Dinitro-2-methylphenol
Concen: 45.281 ng
RT: 15.289 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

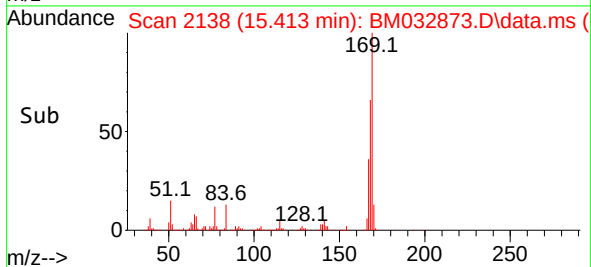
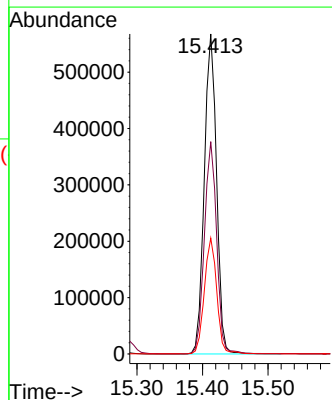
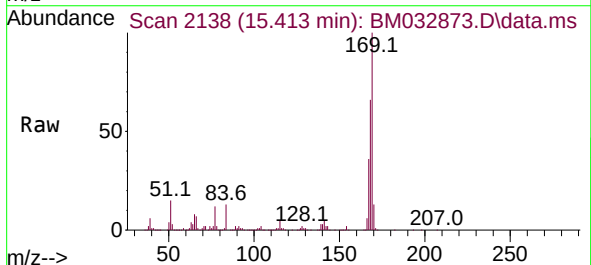
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

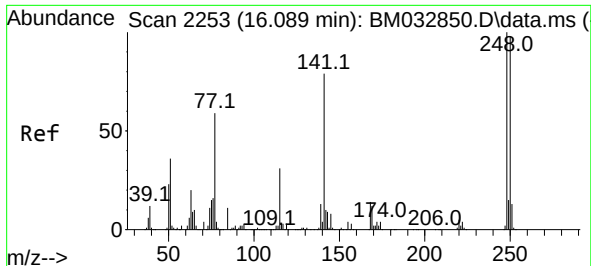
Tgt Ion:198 Resp: 132928
Ion Ratio Lower Upper
198 100
51 44.5 49.7 89.7#
105 43.5 34.9 74.9



#66
n-Nitrosodiphenylamine
Concen: 54.261 ng
RT: 15.413 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:169 Resp: 740781
Ion Ratio Lower Upper
169 100
168 66.3 55.0 82.4
167 36.2 29.8 44.8





#67

4-Bromophenyl-phenylether

Concen: 53.205 ng

RT: 16.083 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

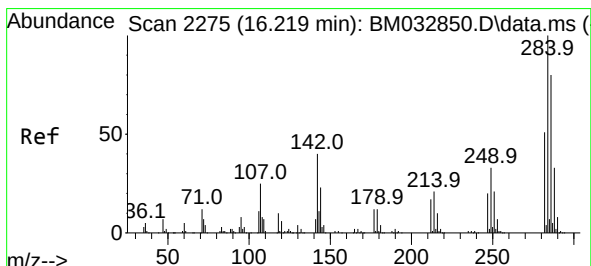
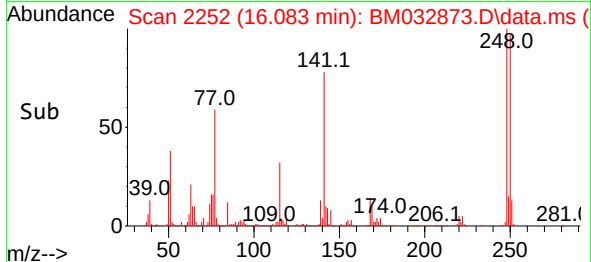
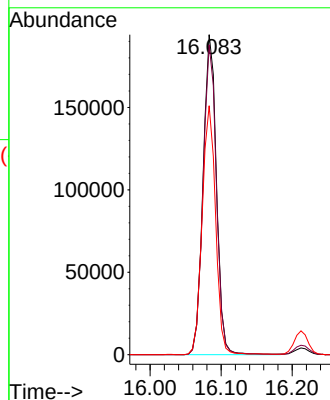
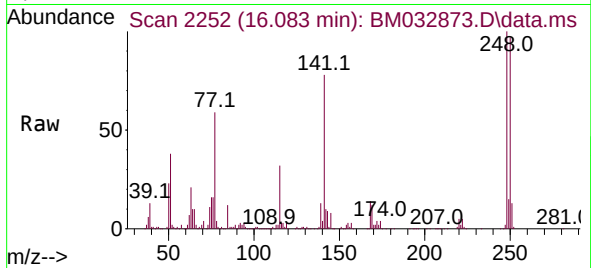
Tgt Ion:248 Resp: 254636

Ion Ratio Lower Upper

248 100

250 96.9 77.4 116.2

141 77.8 74.1 111.1



#68

Hexachlorobenzene

Concen: 53.645 ng

RT: 16.212 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

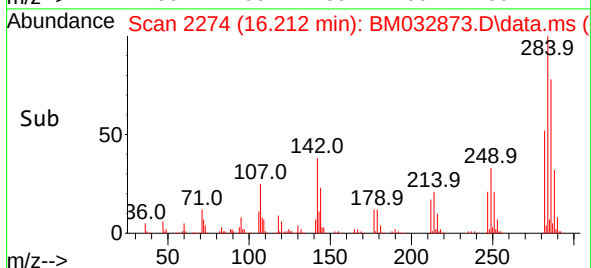
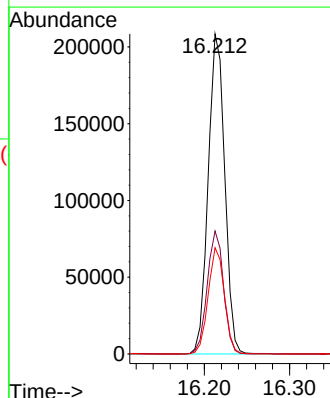
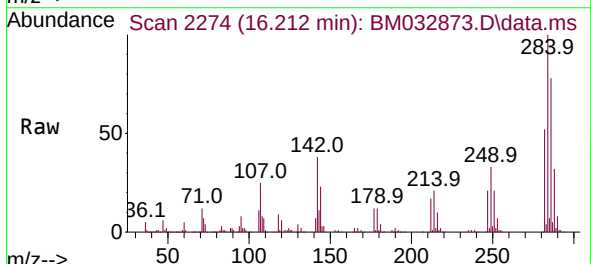
Tgt Ion:284 Resp: 281399

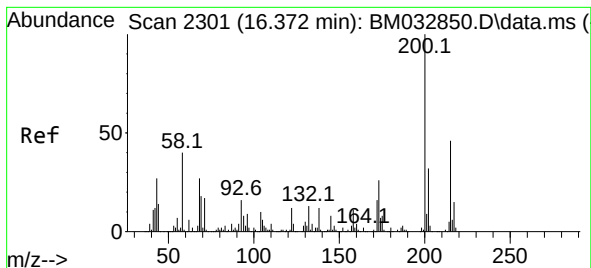
Ion Ratio Lower Upper

284 100

142 38.4 43.0 64.6#

249 33.2 27.6 41.4





#69

Atrazine

Concen: 56.152 ng

RT: 16.365 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

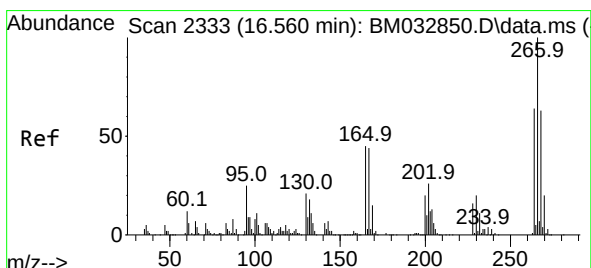
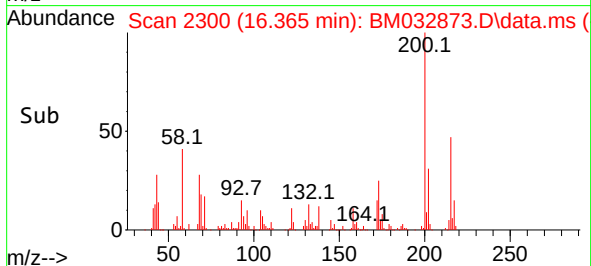
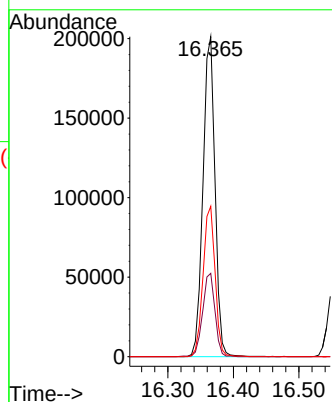
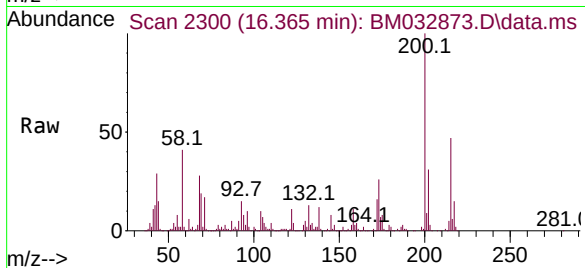
Tgt Ion:200 Resp: 257368

Ion Ratio Lower Upper

200 100

173 26.1 5.8 45.8

215 47.0 23.6 63.6



#70

Pentachlorophenol

Concen: 109.019 ng

RT: 16.554 min Scan# 2332

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

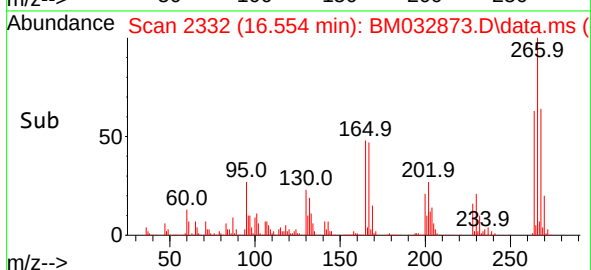
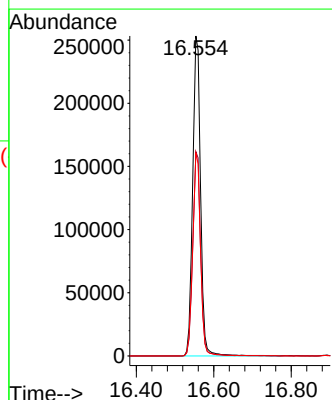
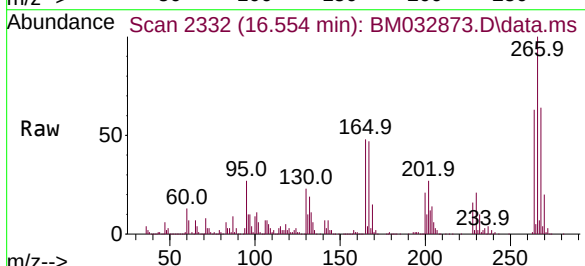
Tgt Ion:266 Resp: 357859

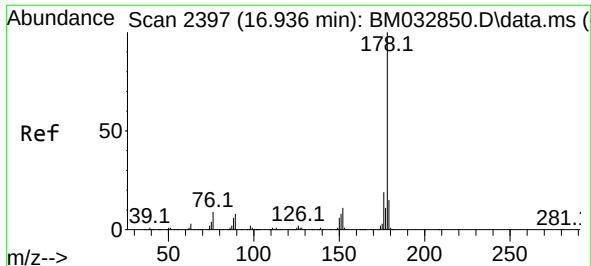
Ion Ratio Lower Upper

266 100

268 63.8 50.3 75.5

264 63.4 52.1 78.1

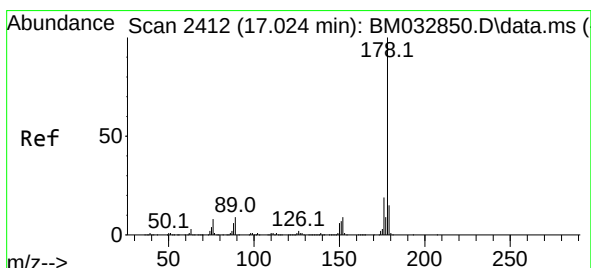
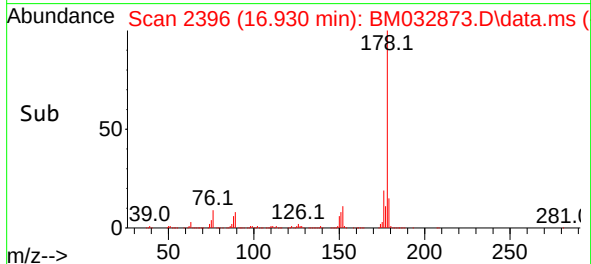
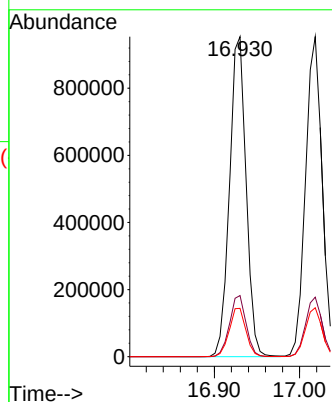
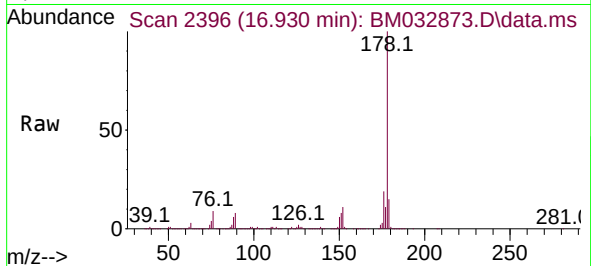




#71
Phenanthrene
Concen: 52.262 ng
RT: 16.930 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

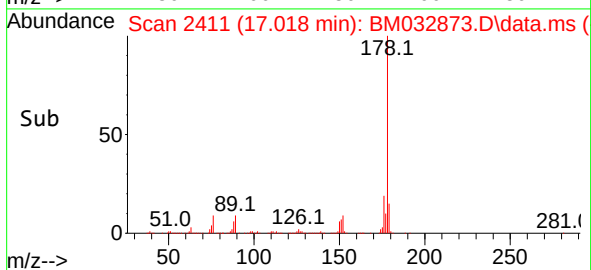
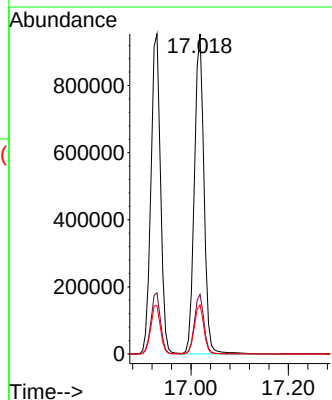
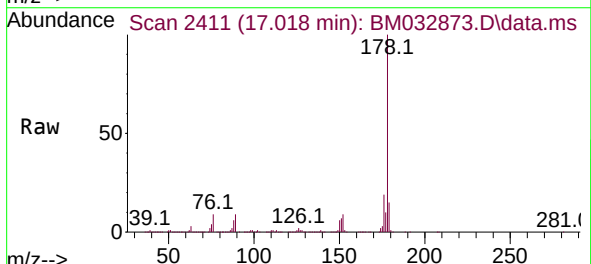
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

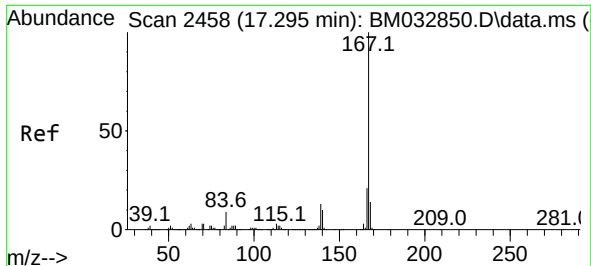
Tgt Ion:178 Resp: 1290510
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.1 12.4 18.6



#72
Anthracene
Concen: 53.718 ng
RT: 17.018 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:178 Resp: 1309254
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.3 12.3 18.5

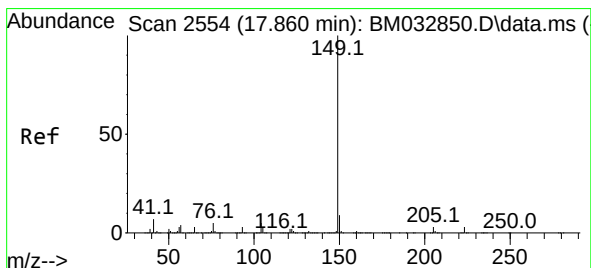
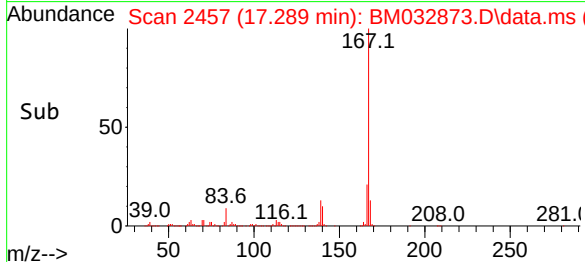
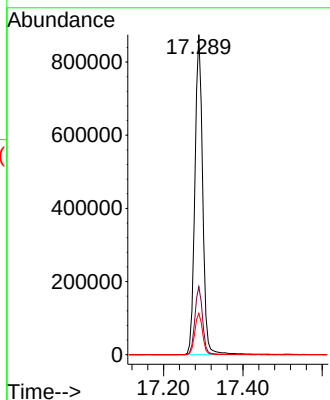
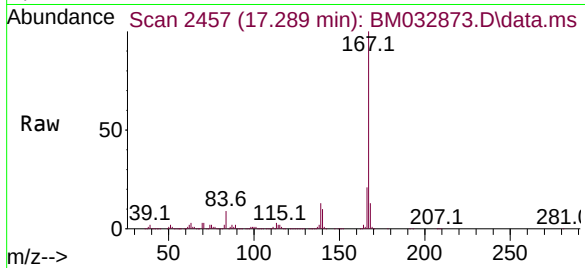




#73
 Carbazole
 Concen: 48.797 ng
 RT: 17.289 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BM032873.D
 Acq: 04 Nov 2021 14:00

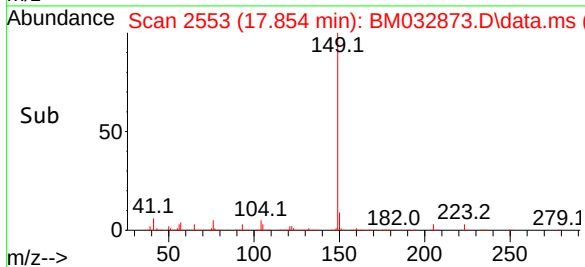
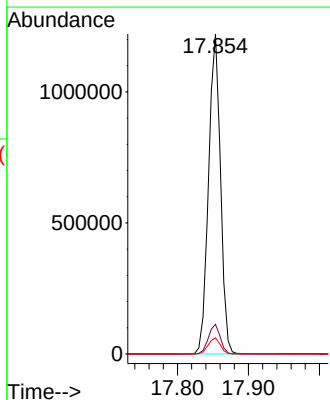
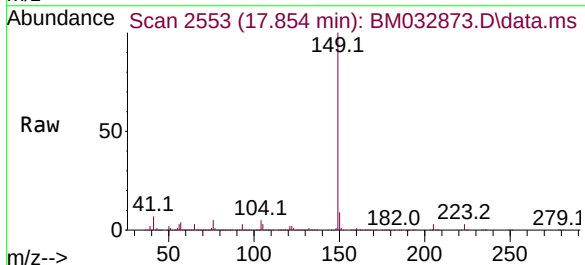
Instrument :
 BNA_M
 ClientSampleId :
 TP-1MSD

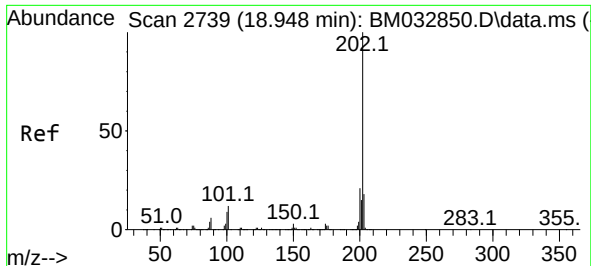
Tgt Ion:167 Resp: 1185172
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.9 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 53.643 ng
 RT: 17.854 min Scan# 2553
 Delta R.T. -0.006 min
 Lab File: BM032873.D
 Acq: 04 Nov 2021 14:00

Tgt Ion:149 Resp: 1428758
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.0 5.6 8.4#

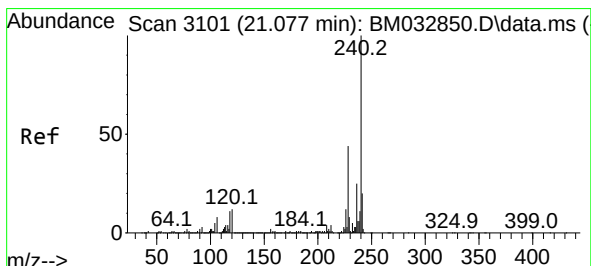
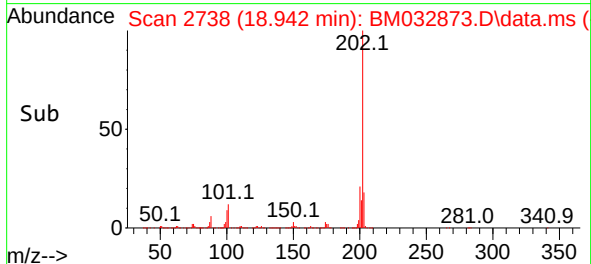
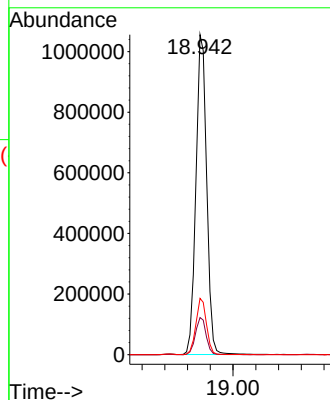
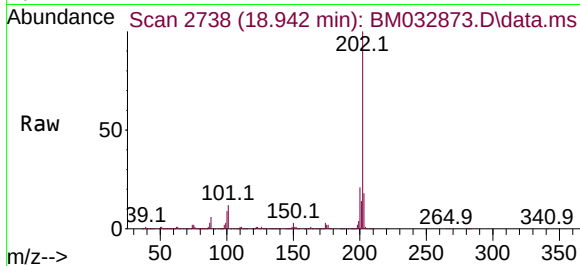




#75
Fluoranthene
Concen: 49.227 ng
RT: 18.942 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

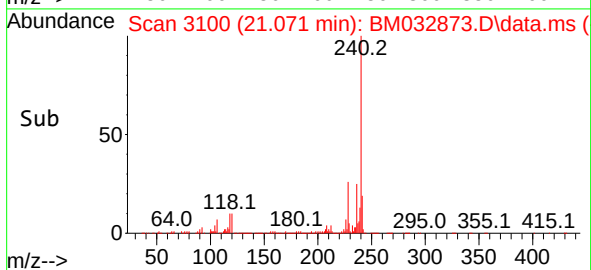
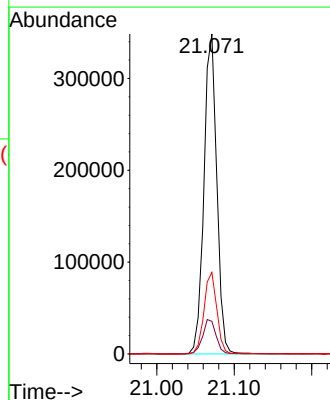
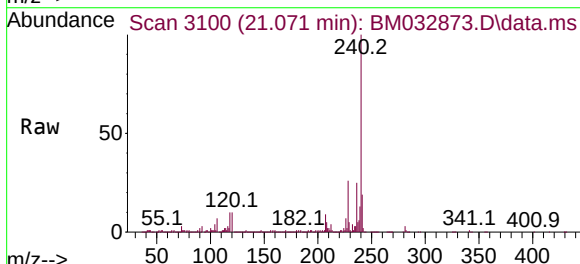
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

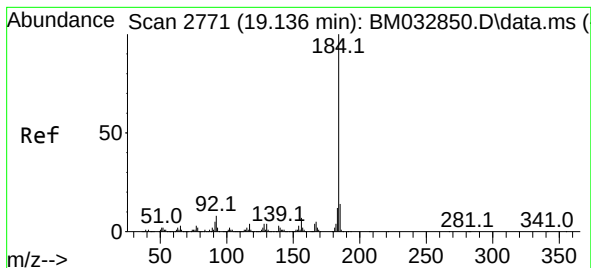
Tgt Ion:202 Resp: 1394621
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.9
203 17.6 0.0 36.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.071 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:240 Resp: 401423
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 25.5 20.9 31.3





#77

Benzidine

Concen: 22.961 ng

RT: 19.130 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

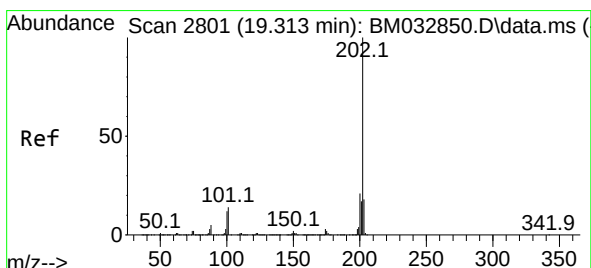
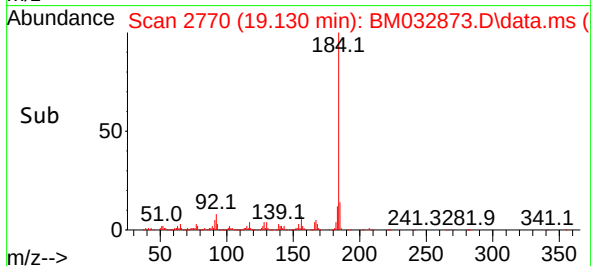
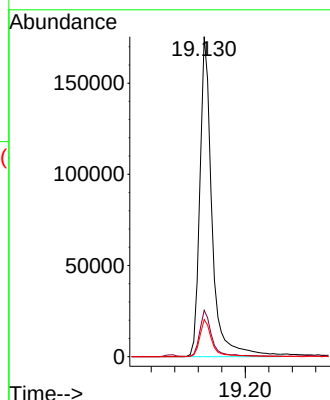
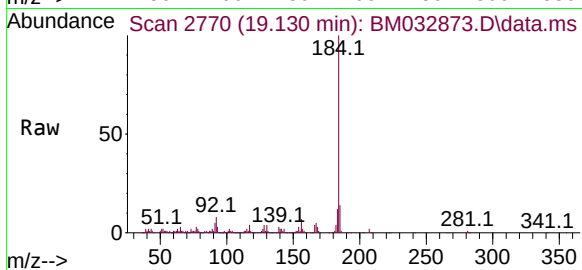
Tgt Ion:184 Resp: 252597

Ion Ratio Lower Upper

184 100

185 14.5 10.6 16.0

183 11.6 9.0 13.4



#78

Pyrene

Concen: 54.120 ng

RT: 19.306 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

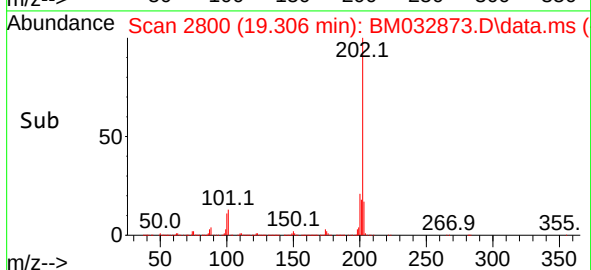
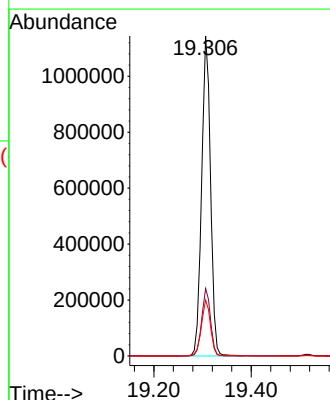
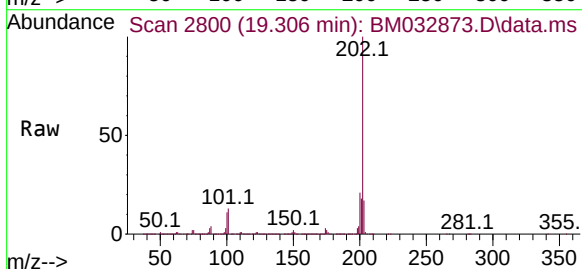
Tgt Ion:202 Resp: 1455473

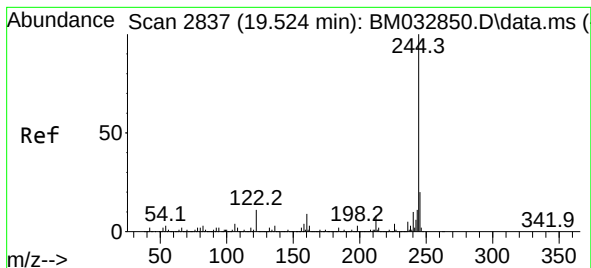
Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 97.488 ng

RT: 19.518 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

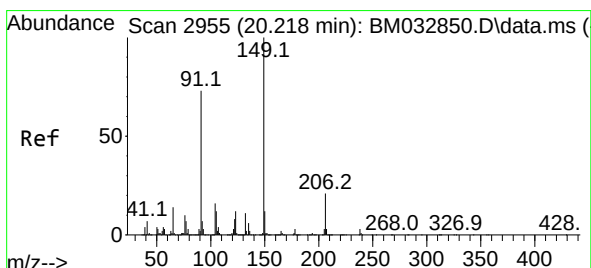
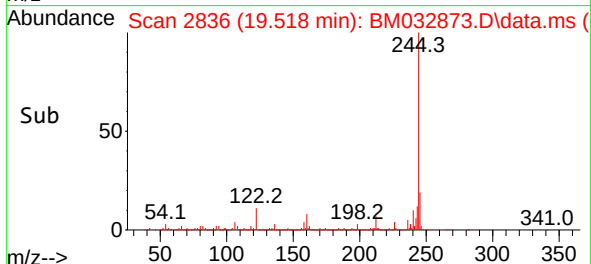
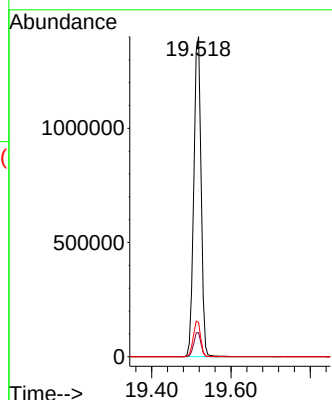
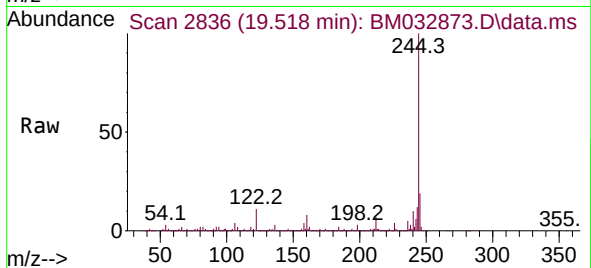
Tgt Ion:244 Resp: 1792455

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 10.7 8.7 13.1



#80

Butylbenzylphthalate

Concen: 55.283 ng

RT: 20.212 min Scan# 2954

Delta R.T. -0.006 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

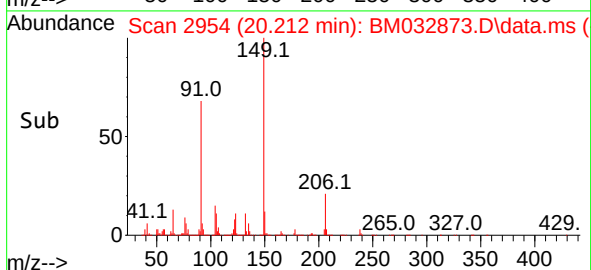
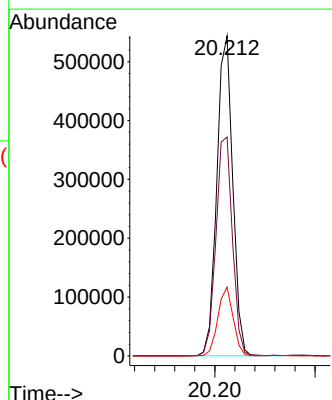
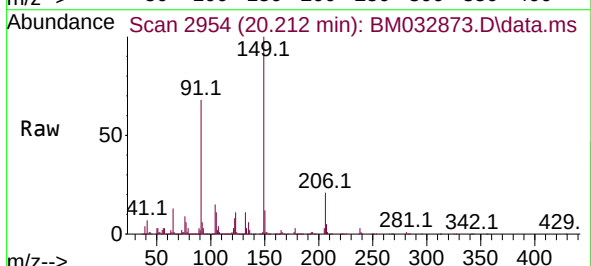
Tgt Ion:149 Resp: 597579

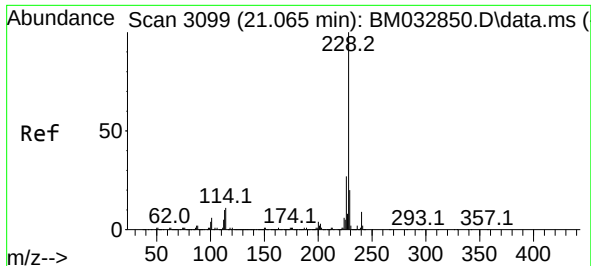
Ion Ratio Lower Upper

149 100

91 68.4 64.0 96.0

206 21.5 14.4 21.6

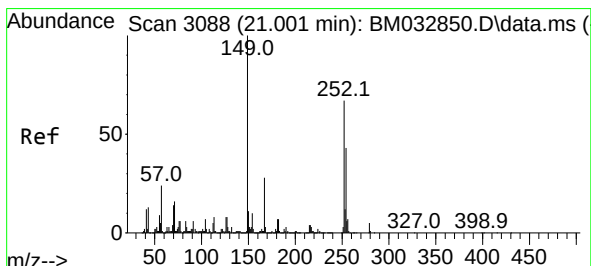
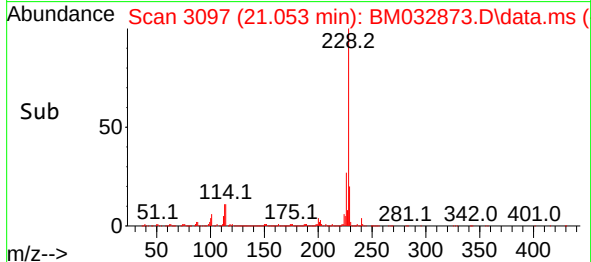
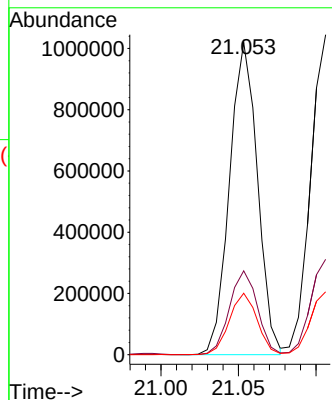
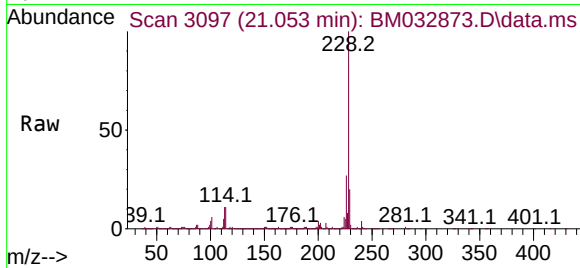




#81
Benzo(a)anthracene
Concen: 49.925 ng
RT: 21.053 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

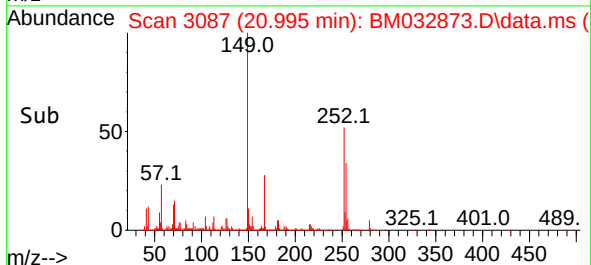
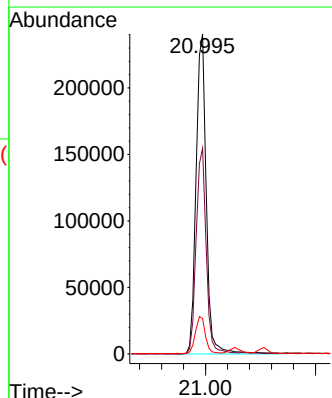
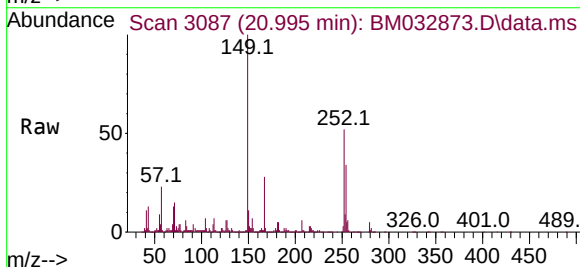
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

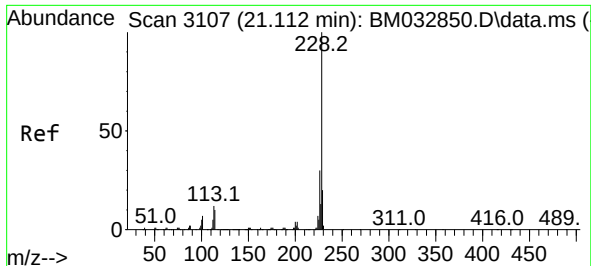
Tgt Ion:228 Resp: 1278610
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.2
229 19.7 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 38.582 ng
RT: 20.995 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:252 Resp: 310219
Ion Ratio Lower Upper
252 100
254 64.3 51.6 77.4
126 11.1 9.7 14.5

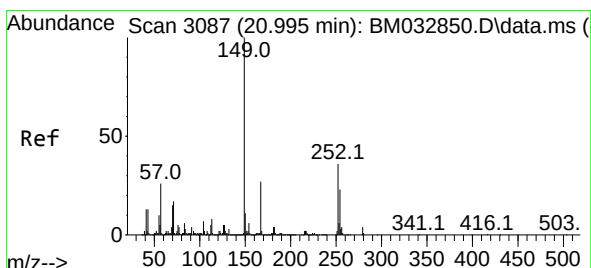
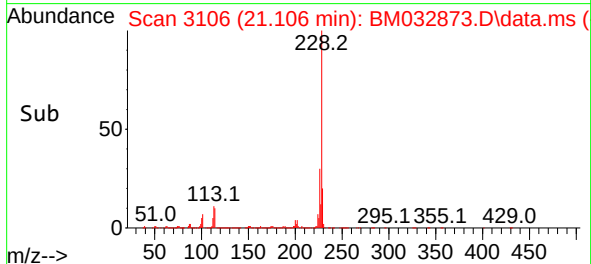
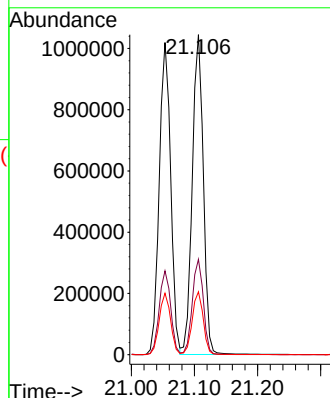
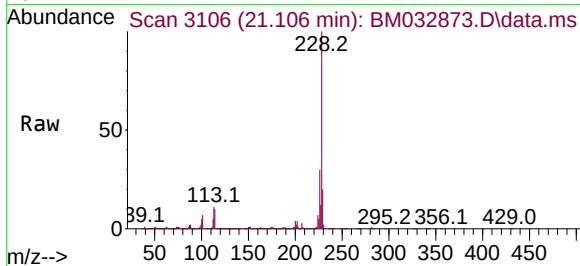




#83
Chrysene
Concen: 50.589 ng
RT: 21.106 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

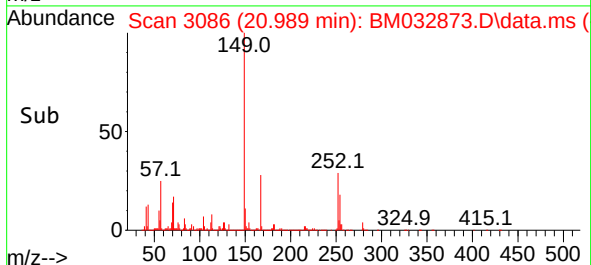
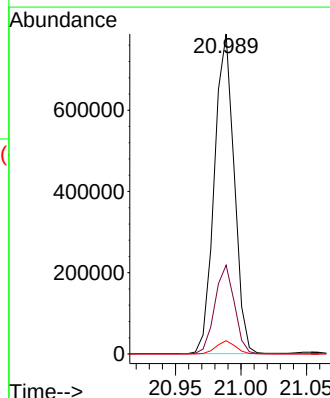
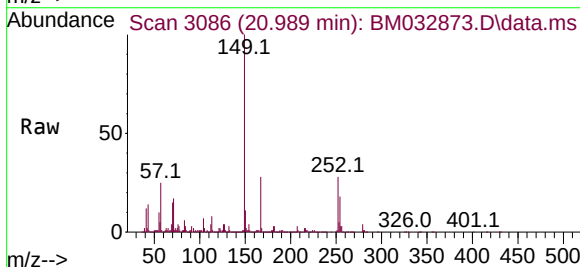
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

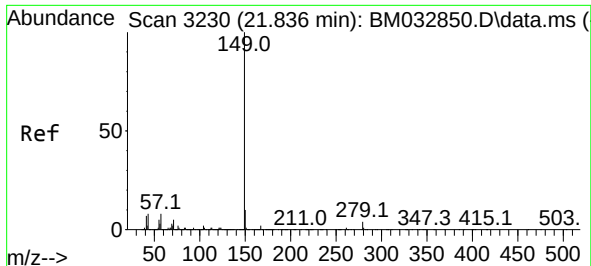
Tgt Ion:228 Resp: 1272849
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 19.7 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.284 ng
RT: 20.989 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:149 Resp: 825991
Ion Ratio Lower Upper
149 100
167 27.7 19.7 29.5
279 4.2 2.6 4.0#

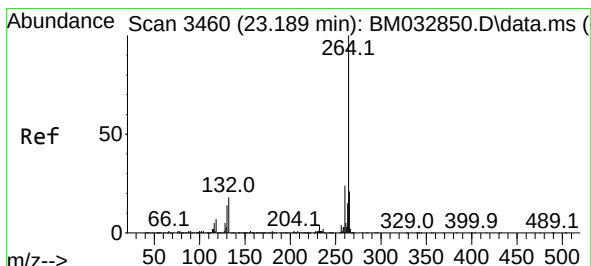
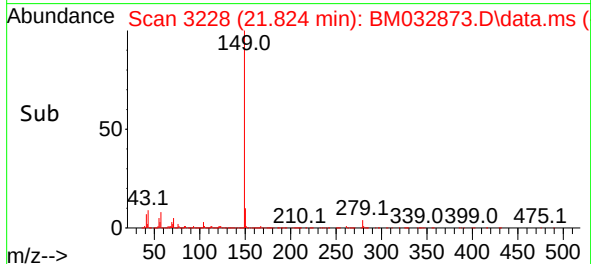
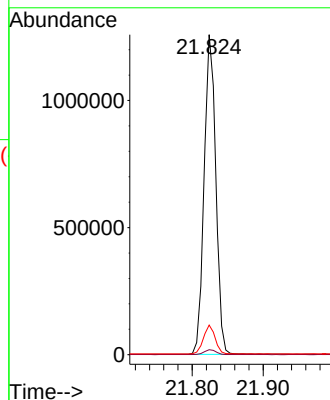
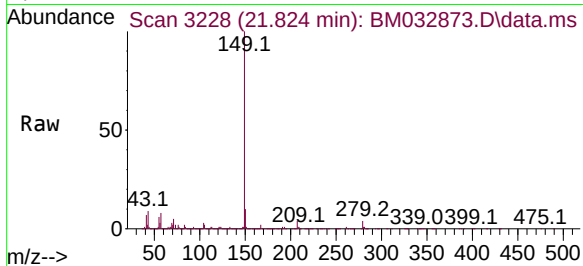




#85
Di-n-octyl phthalate
Concen: 56.024 ng
RT: 21.824 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

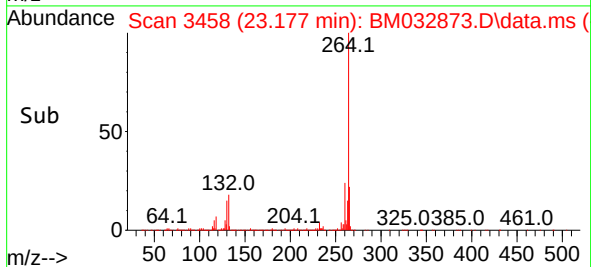
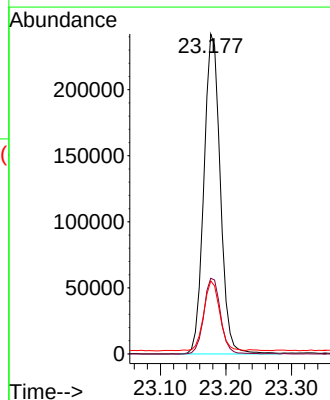
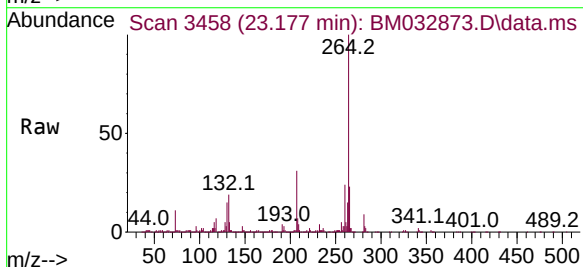
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

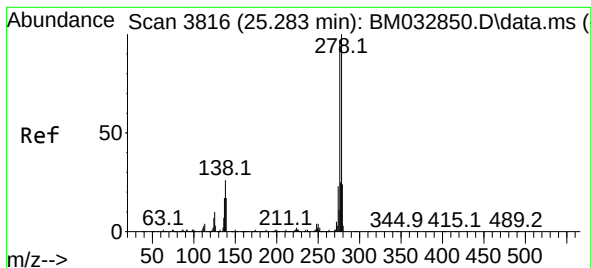
Tgt Ion:149 Resp: 1440665
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 10.4 15.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.177 min Scan# 3458
Delta R.T. -0.012 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:264 Resp: 422176
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 22.8 18.3 27.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.049 ng

RT: 25.265 min Scan# 3813

Delta R.T. -0.018 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

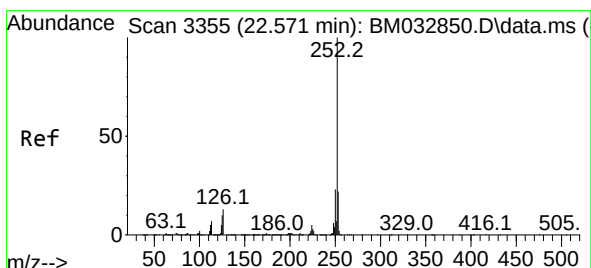
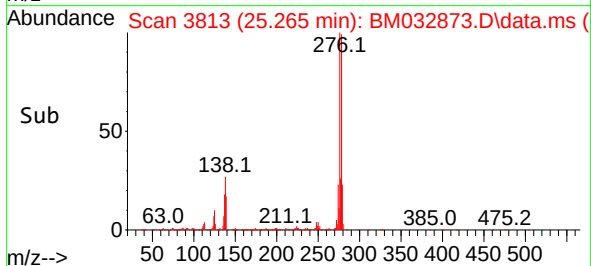
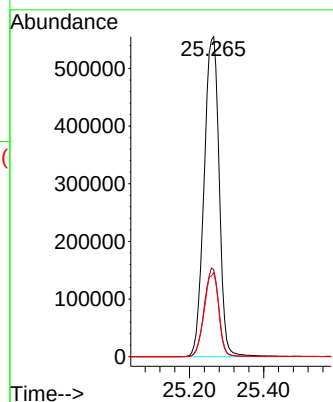
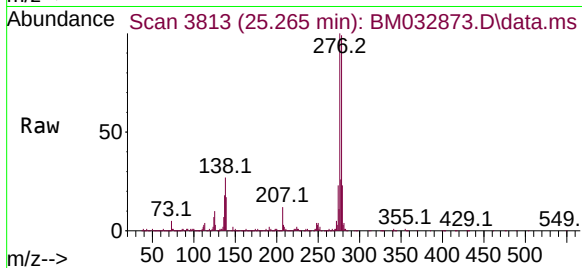
Tgt Ion:276 Resp: 1566833

Ion Ratio Lower Upper

276 100

138 26.5 18.4 27.6

277 25.7 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 52.695 ng

RT: 22.559 min Scan# 3353

Delta R.T. -0.012 min

Lab File: BM032873.D

Acq: 04 Nov 2021 14:00

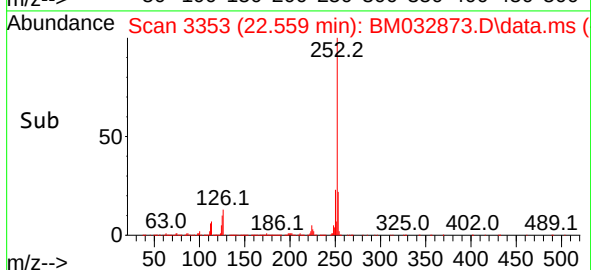
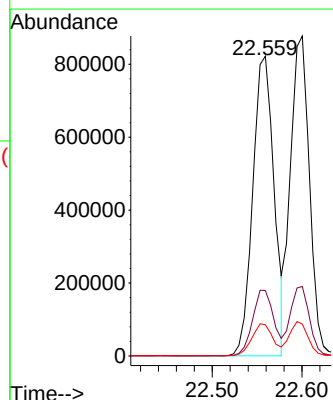
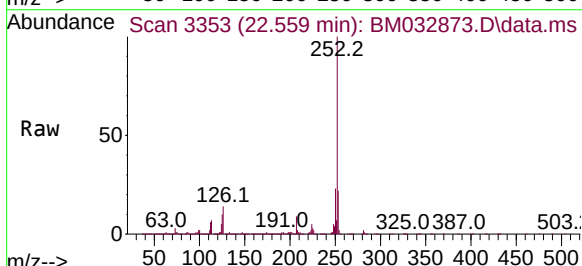
Tgt Ion:252 Resp: 1354496

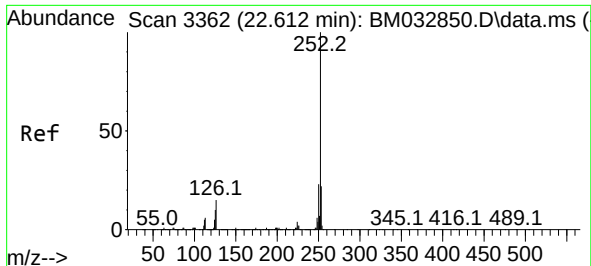
Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 10.4 7.5 11.3

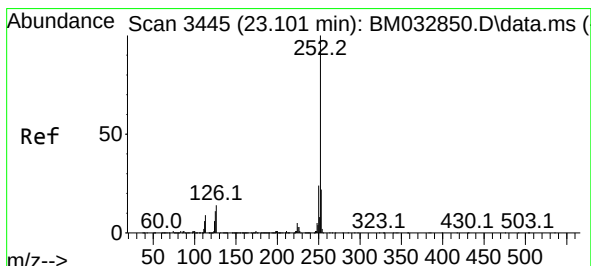
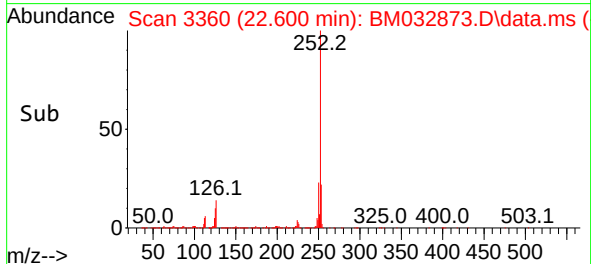
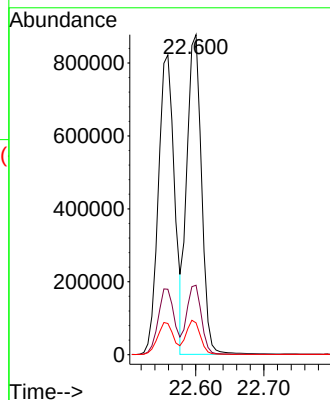
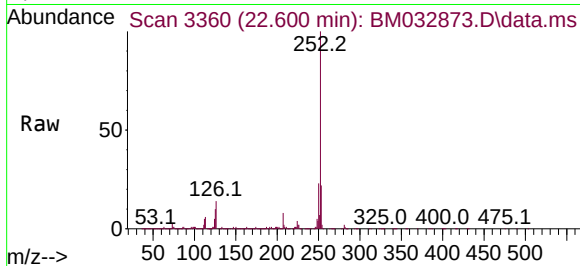




#89
Benzo(k)fluoranthene
Concen: 51.780 ng
RT: 22.600 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

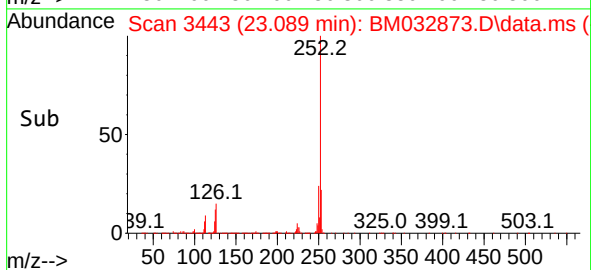
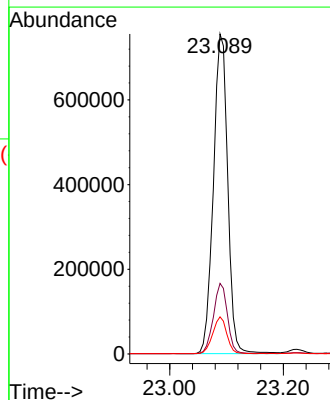
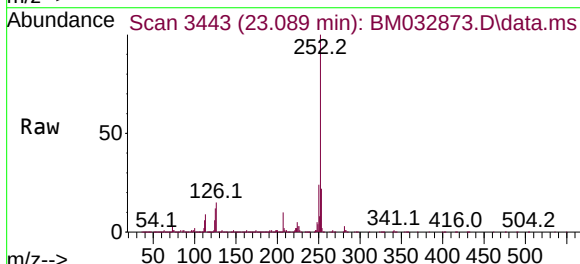
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

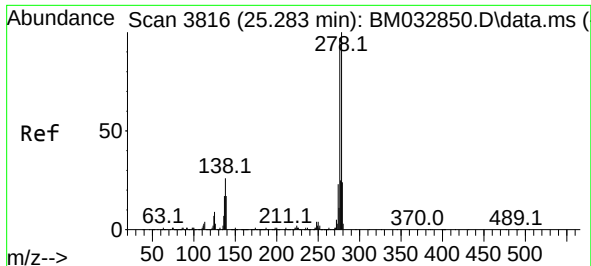
Tgt Ion:252 Resp: 1297412
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.0 7.5 11.3



#90
Benzo(a)pyrene
Concen: 61.999 ng
RT: 23.089 min Scan# 3443
Delta R.T. -0.012 min
Lab File: BM032873.D
Acq: 04 Nov 2021 14:00

Tgt Ion:252 Resp: 1316728
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.6 8.1 12.1

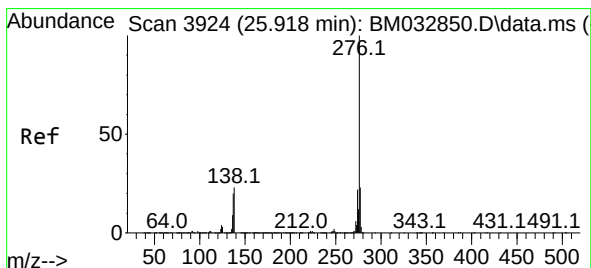
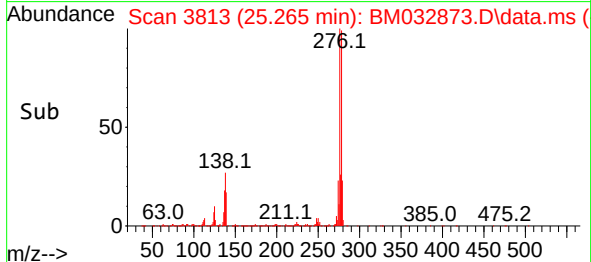
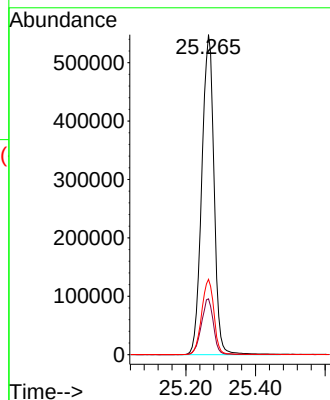
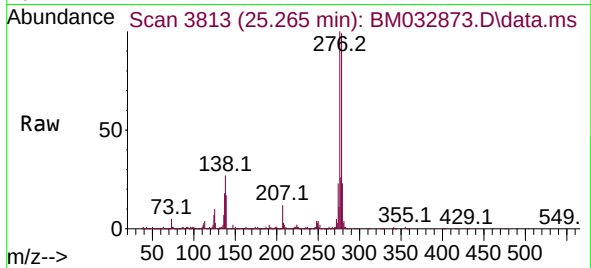




#91
 Dibenzo(a,h)anthracene
 Concen: 61.645 ng
 RT: 25.265 min Scan# 3816
 Delta R.T. -0.018 min
 Lab File: BM032873.D
 Acq: 04 Nov 2021 14:00

Instrument :
 BNA_M
 ClientSampleId :
 TP-1MSD

Tgt Ion:278 Resp: 1339398
 Ion Ratio Lower Upper
 278 100
 139 17.4 10.9 16.3#
 279 23.6 18.2 27.2



#92
 Benzo(g,h,i)perylene
 Concen: 64.130 ng
 RT: 25.894 min Scan# 3920
 Delta R.T. -0.024 min
 Lab File: BM032873.D
 Acq: 04 Nov 2021 14:00

Tgt Ion:276 Resp: 1385923
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.4 29.0
 138 22.2 14.6 22.0#

