

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040331.D
 Acq On : 21 Jun 2023 12:39
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 22 04:32:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 15:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	203461	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	801491	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	399869	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	756261	20.000	ng	0.00
76) Chrysene-d12	21.521	240	669073	20.000	ng	0.00
86) Perylene-d12	23.945	264	737530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1209229	92.149	ng	0.00
7) Phenol-d6	7.128	99	1601590	89.520	ng	0.00
23) Nitrobenzene-d5	9.134	82	1409690	92.098	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	389263	69.783	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	2557969	87.807	ng	0.00
79) Terphenyl-d14	19.963	244	3125608	90.772	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	242929	46.352	ng	98
3) Pyridine	3.787	79	713933	47.634	ng	99
4) n-Nitrosodimethylamine	3.693	42	330117	49.129	ng	92
6) Aniline	7.287	93	944162	42.997	ng	99
8) 2-Chlorophenol	7.522	128	579377	41.490	ng	97
9) Benzaldehyde	7.099	77	383312	38.572	ng	97
10) Phenol	7.152	94	771034	44.051	ng	96
11) bis(2-Chloroethyl)ether	7.387	93	582584	40.138	ng	100
12) 1,3-Dichlorobenzene	7.852	146	584696	40.555	ng	99
13) 1,4-Dichlorobenzene	7.999	146	593469	40.658	ng	97
14) 1,2-Dichlorobenzene	8.316	146	574923	40.283	ng	99
15) Benzyl Alcohol	8.205	79	533705	41.594	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.499	45	797524	39.809	ng	98
17) 2-Methylphenol	8.410	107	522550	40.700	ng	99
18) Hexachloroethane	9.046	117	222243	41.271	ng	97
19) n-Nitroso-di-n-propyla...	8.775	70	466920	38.854	ng	97
20) 3+4-Methylphenols	8.740	107	711576	40.516	ng	98
22) Acetophenone	8.793	105	887187	42.525	ng	# 98
24) Nitrobenzene	9.175	77	706700	44.985	ng	97
25) Isophorone	9.704	82	1208239	40.627	ng	99
26) 2-Nitrophenol	9.887	139	290918	43.333	ng	95
27) 2,4-Dimethylphenol	9.946	122	514570	41.218	ng	98
28) bis(2-Chloroethoxy)met...	10.187	93	723957	38.728	ng	99
29) 2,4-Dichlorophenol	10.422	162	466632	39.455	ng	97
30) 1,2,4-Trichlorobenzene	10.640	180	466459	38.702	ng	99
31) Naphthalene	10.828	128	1777324	41.275	ng	99
32) Benzoic acid	10.075	122	383027	39.975	ng	94
33) 4-Chloroaniline	10.940	127	772173	40.090	ng	97
34) Hexachlorobutadiene	11.110	225	249972	36.893	ng	100
35) Caprolactam	11.728	113	167679	40.683	ng	89
36) 4-Chloro-3-methylphenol	12.063	107	556950	40.597	ng	95
37) 2-Methylnaphthalene	12.434	142	1165174	38.166	ng	99
38) 1-Methylnaphthalene	12.651	142	1088140	37.738	ng	98
40) 1,2,4,5-Tetrachloroben...	12.798	216	464347	41.762	ng	99
41) Hexachlorocyclopentadiene	12.775	237	243654	39.836	ng	98
43) 2,4,6-Trichlorophenol	13.040	196	324735	42.116	ng	98

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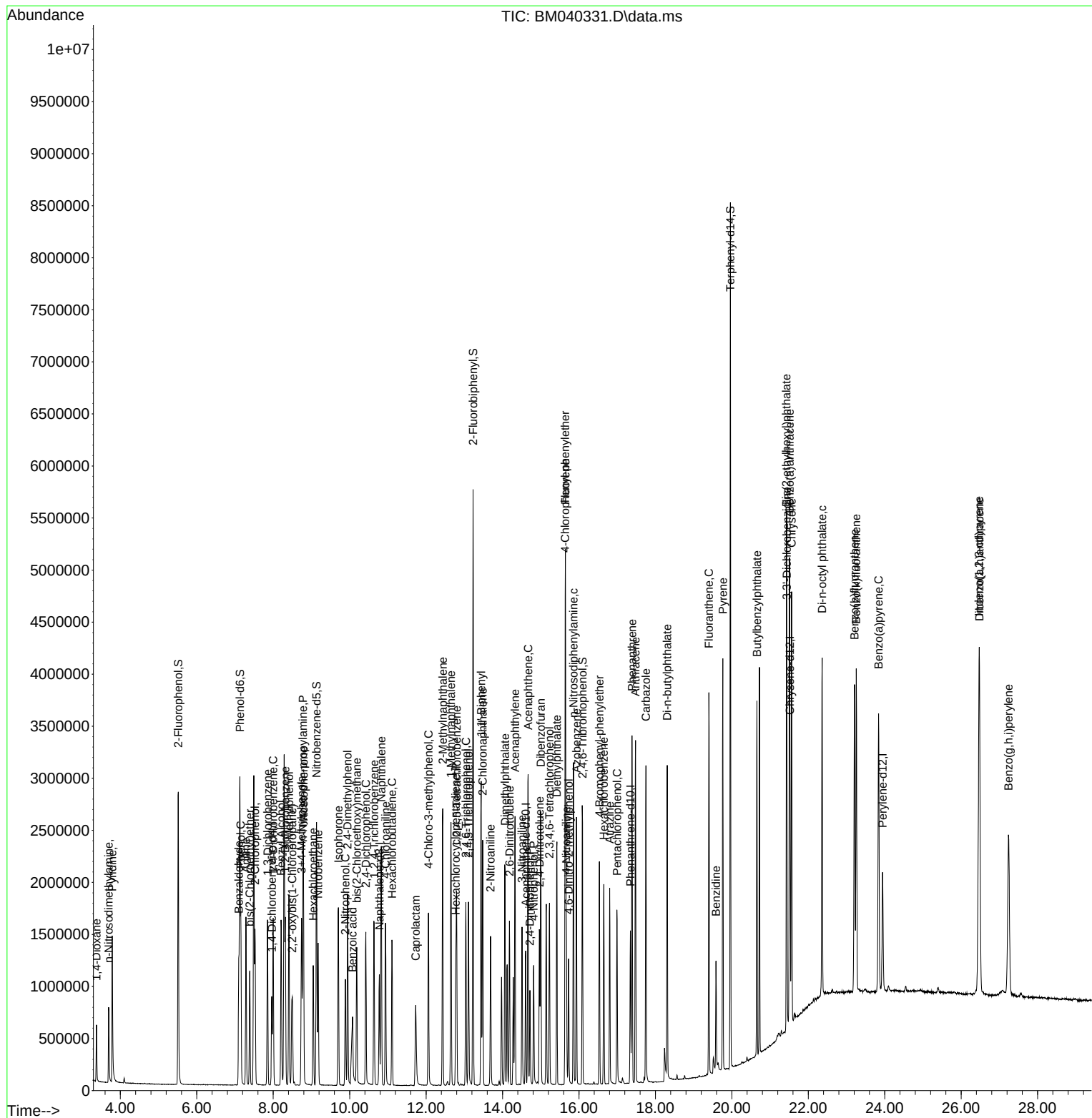
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	384346	41.844	ng	96
46) 1,1'-Biphenyl	13.439	154	1355774	42.955	ng	99
47) 2-Chloronaphthalene	13.481	162	1002241	42.880	ng	98
48) 2-Nitroaniline	13.687	65	392968	51.000	ng	92
49) Acenaphthylene	14.328	152	1693098	43.426	ng	100
50) Dimethylphthalate	14.063	163	1229745	38.648	ng	100
51) 2,6-Dinitrotoluene	14.181	165	259691	40.111	ng	87
52) Acenaphthene	14.669	154	1009563	42.443	ng	99
53) 3-Nitroaniline	14.510	138	332612	43.243	ng	93
54) 2,4-Dinitrophenol	14.716	184	143842	37.919	ng	89
55) Dibenzofuran	14.998	168	1533900	40.765	ng	97
56) 4-Nitrophenol	14.816	139	265490	44.160	ng	91
57) 2,4-Dinitrotoluene	14.969	165	346585	39.724	ng	90
58) Fluorene	15.645	166	1264335	41.270	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.228	232	283175	37.901	ng	94
60) Diethylphthalate	15.422	149	1223386	37.418	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	563018	37.367	ng	94
62) 4-Nitroaniline	15.669	138	345730	43.744	ng	93
63) Azobenzene	15.933	77	1383596	42.140	ng	97
65) 4,6-Dinitro-2-methylph...	15.728	198	186009	41.024	ng	84
66) n-Nitrosodiphenylamine	15.857	169	1021336	42.797	ng	98
67) 4-Bromophenyl-phenylether	16.533	248	300013	37.894	ng	95
68) Hexachlorobenzene	16.651	284	325989	37.275	ng	95
69) Atrazine	16.804	200	260542	36.479	ng	100
70) Pentachlorophenol	16.998	266	247408	39.459	ng	98
71) Phenanthrene	17.386	178	1780332	42.306	ng	100
72) Anthracene	17.480	178	1808659	42.562	ng	100
73) Carbazole	17.751	167	1738377	43.479	ng	99
74) Di-n-butylphthalate	18.310	149	1941790	39.157	ng	99
75) Fluoranthene	19.398	202	1924147	41.254	ng	98
77) Benzidine	19.586	184	568691	45.769	ng	100
78) Pyrene	19.763	202	2024272	44.106	ng	99
80) Butylbenzylphthalate	20.657	149	855827	40.714	ng	94
81) Benzo(a)anthracene	21.510	228	1898826	41.656	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	592957	37.983	ng	98
83) Chrysene	21.562	228	1815411	42.087	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1207402	37.955	ng	# 96
85) Di-n-octyl phthalate	22.362	149	2008078	37.791	ng	97
87) Indeno(1,2,3-cd)pyrene	26.468	276	2272681	46.520	ng	98
88) Benzo(b)fluoranthene	23.209	252	1855570	42.033	ng	99
89) Benzo(k)fluoranthene	23.256	252	1851368	40.778	ng	99
90) Benzo(a)pyrene	23.839	252	1805727	43.119	ng	98
91) Dibenzo(a,h)anthracene	26.480	278	1875463	45.141	ng	98
92) Benzo(g,h,i)perylene	27.239	276	1758861	47.300	ng	97

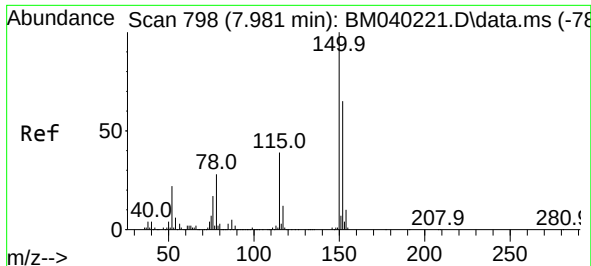
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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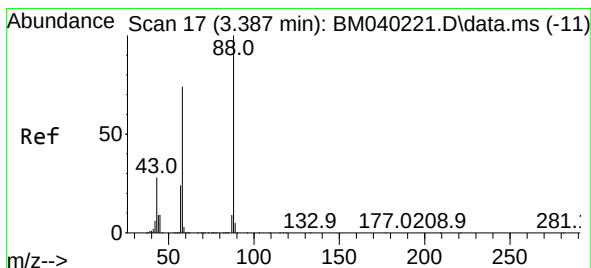
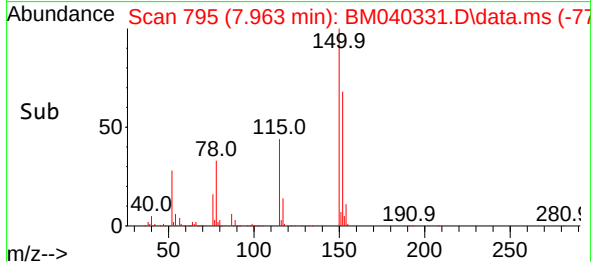
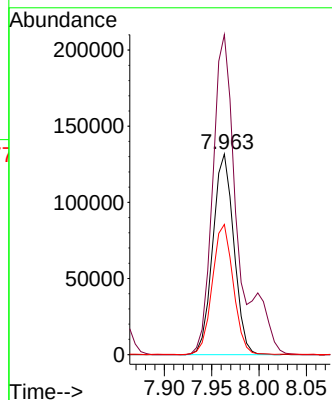
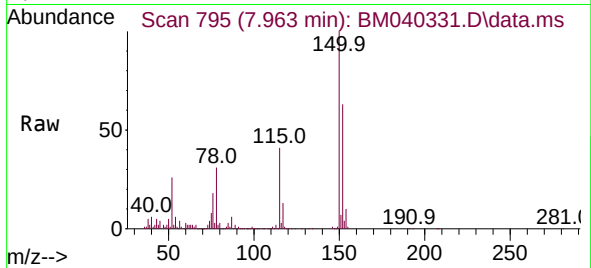




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM040331.D
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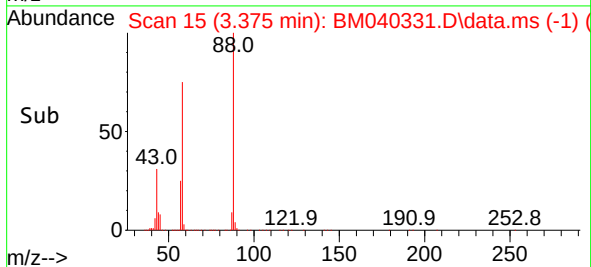
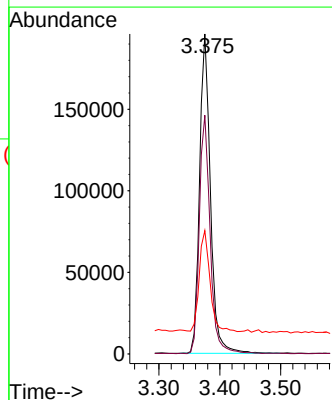
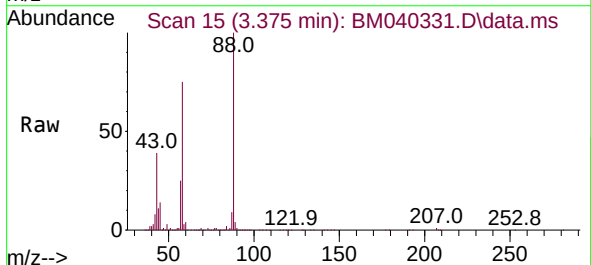
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BNA_M
ClientSampleId :

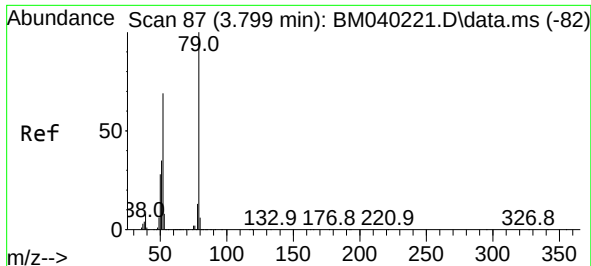
Tgt Ion:152 Resp: 203461
Ion Ratio Lower Upper
152 100
150 159.6 122.5 183.7
115 64.9 47.9 71.9



#2
1,4-Dioxane
Concen: 46.352 ng
RT: 3.375 min Scan# 15
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion: 88 Resp: 242929
Ion Ratio Lower Upper
88 100
58 74.5 59.0 88.6
43 31.2 23.2 34.8

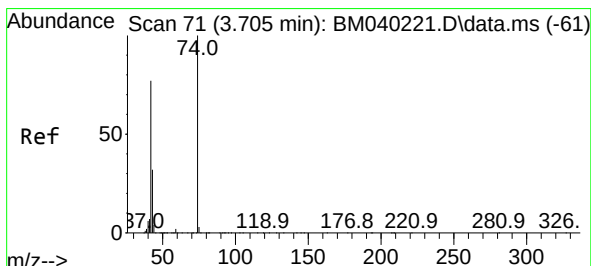
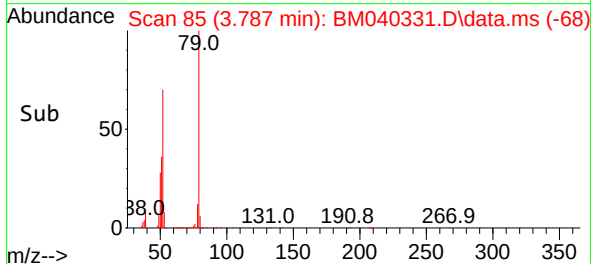
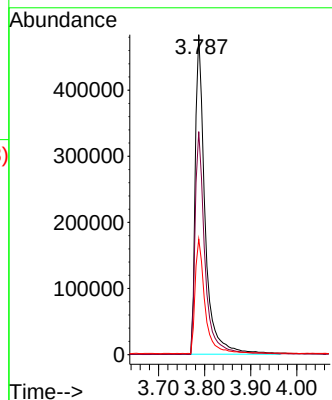
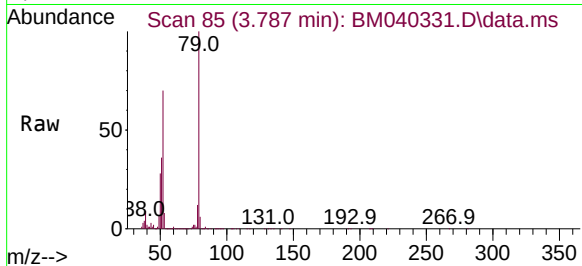




#3
 Pyridine
 Concen: 47.634 ng
 RT: 3.787 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM040331.D
 Acq: 21 Jun 2023 12:39

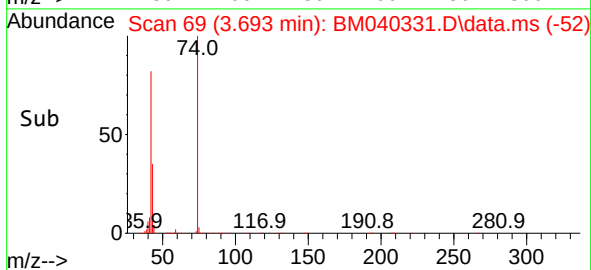
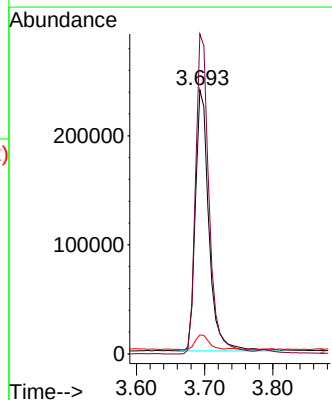
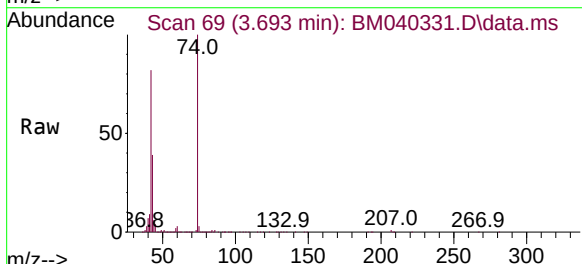
Instrument :
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 ClientSampleId :

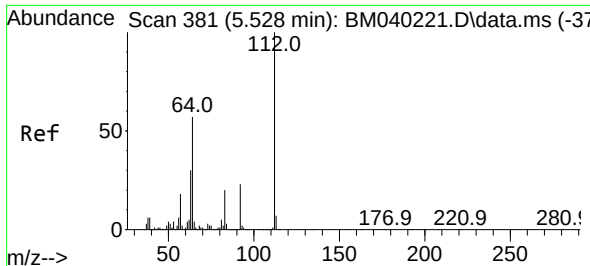
Tgt Ion: 79 Resp: 713933
 Ion Ratio Lower Upper
 79 100
 52 69.7 55.1 82.7
 51 36.1 27.9 41.9



#4
 n-Nitrosodimethylamine
 Concen: 49.129 ng
 RT: 3.693 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: BM040331.D
 Acq: 21 Jun 2023 12:39

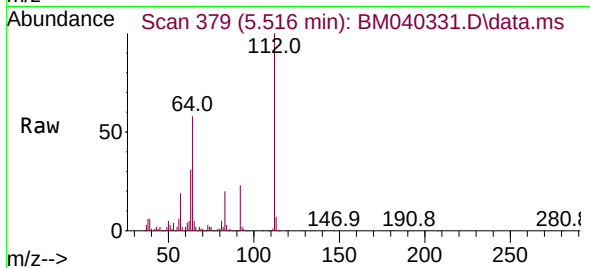
Tgt Ion: 42 Resp: 330117
 Ion Ratio Lower Upper
 42 100
 74 121.2 104.3 156.5
 44 7.2 5.0 7.4



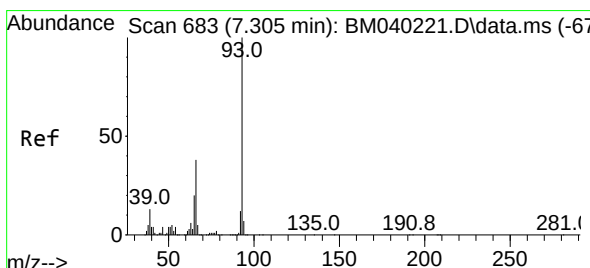
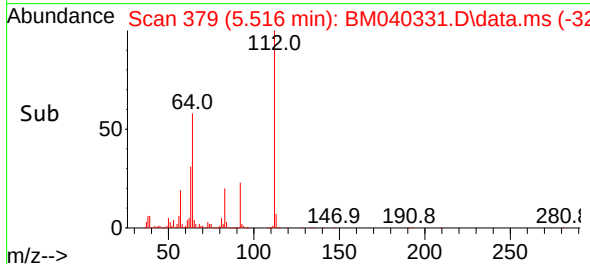
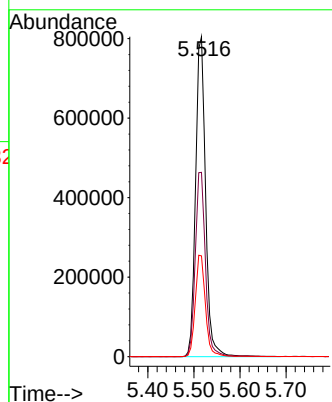


#5
2-Fluorophenol
Concen: 92.149 ng
RT: 5.516 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Instrument :
BNA_M
ClientSampleId :

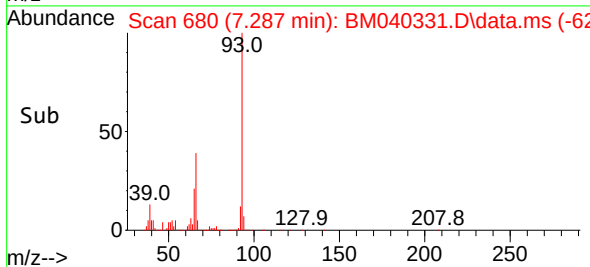
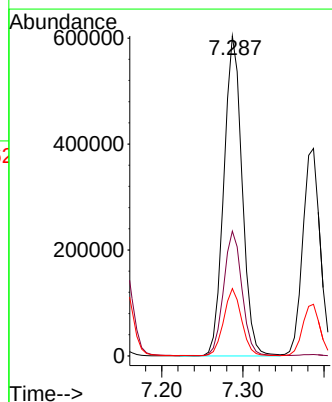
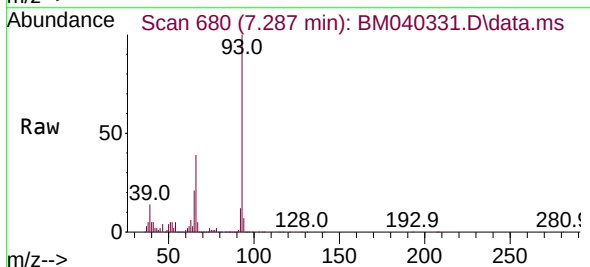


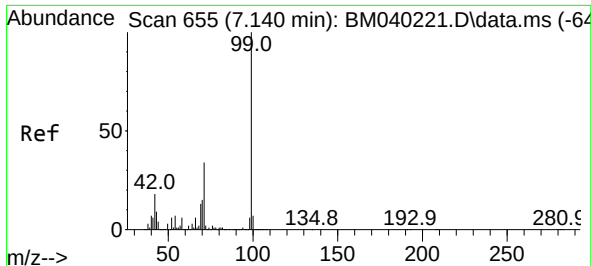
Tgt Ion:112 Resp: 1209229
Ion Ratio Lower Upper
112 100
64 57.6 45.2 67.8
63 31.5 24.2 36.4



#6
Aniline
Concen: 42.997 ng
RT: 7.287 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion: 93 Resp: 944162
Ion Ratio Lower Upper
93 100
66 39.0 30.8 46.2
65 21.0 16.1 24.1

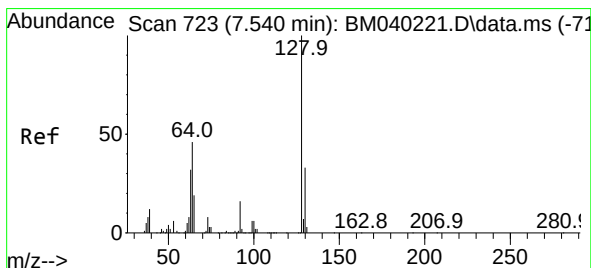
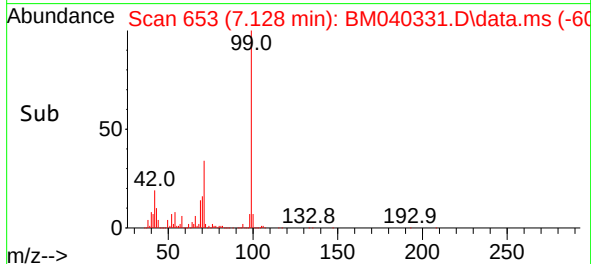
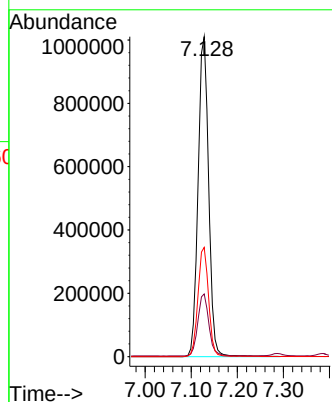
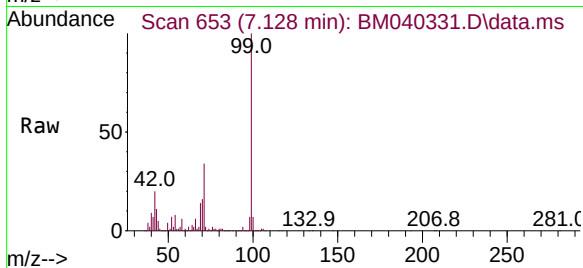




#7
Phenol-d6
Concen: 89.520 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

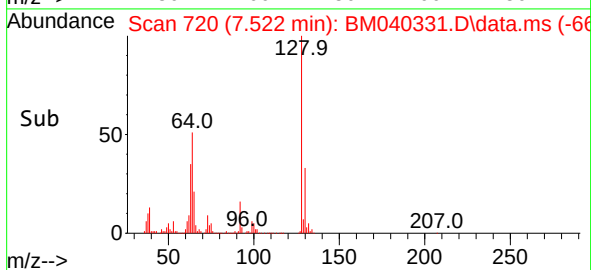
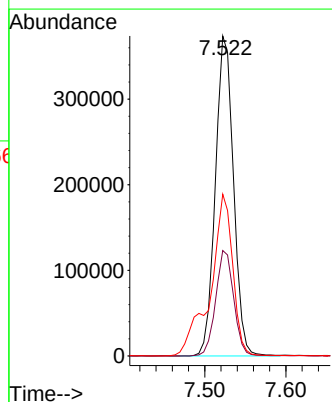
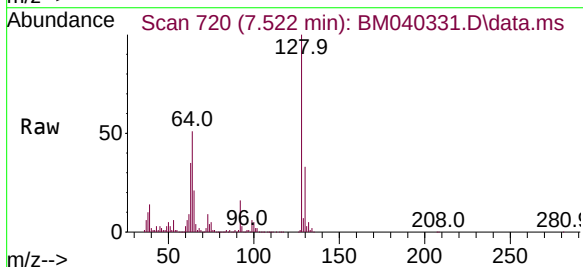
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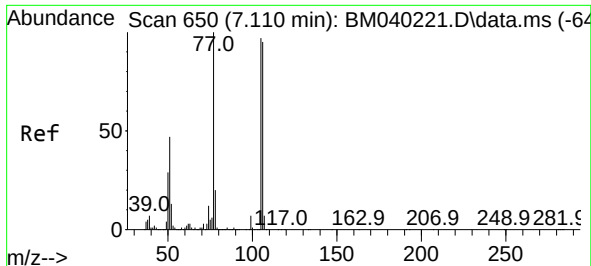
Tgt Ion: 99 Resp: 1601590
Ion Ratio Lower Upper
99 100
42 19.6 14.5 21.7
71 34.1 26.9 40.3



#8
2-Chlorophenol
Concen: 41.490 ng
RT: 7.522 min Scan# 720
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion: 128 Resp: 579377
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 50.5 27.4 67.4

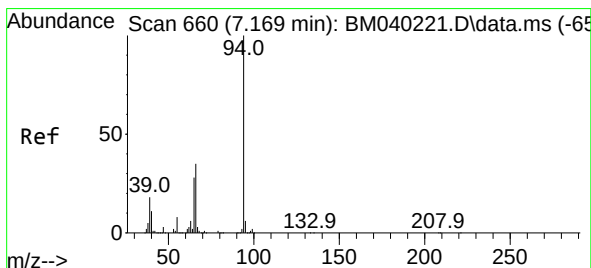
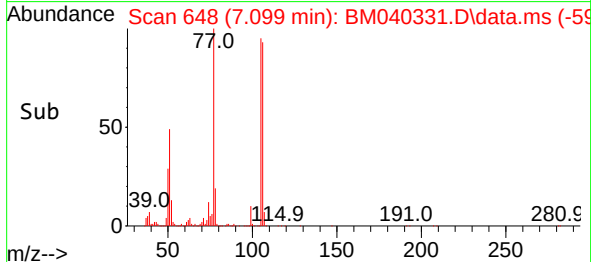
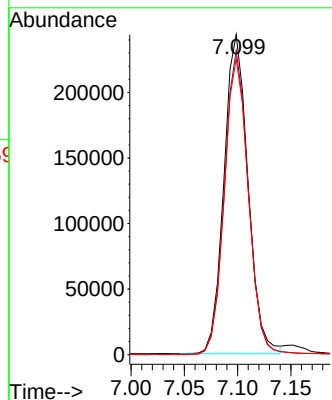
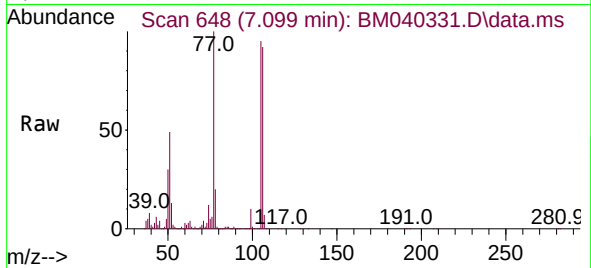




#9
Benzaldehyde
Concen: 38.572 ng
RT: 7.099 min Scan# 64
Delta R.T. 0.000 min
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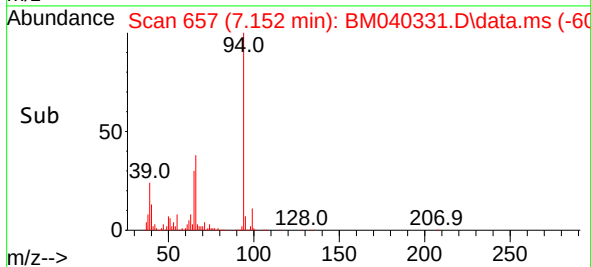
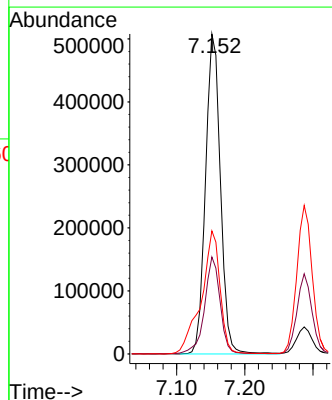
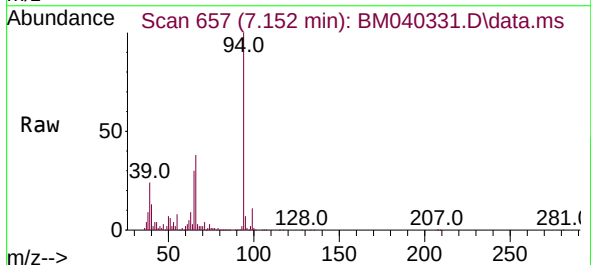
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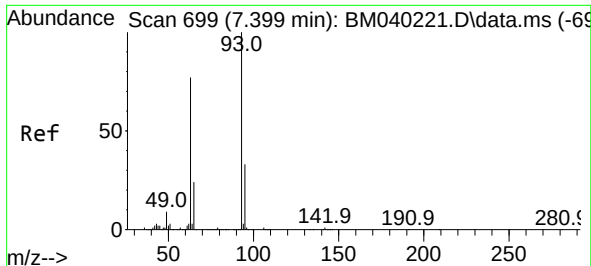
Tgt Ion: 77 Resp: 383312
Ion Ratio Lower Upper
77 100
105 95.0 77.3 117.3
106 92.4 75.2 115.2



#10
Phenol
Concen: 44.051 ng
RT: 7.152 min Scan# 657
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 771034
Ion Ratio Lower Upper
94 100
65 30.3 8.2 48.2
66 38.4 15.6 55.6

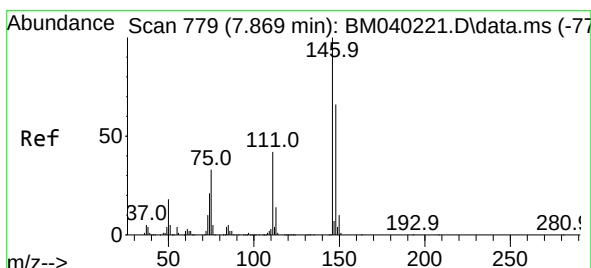
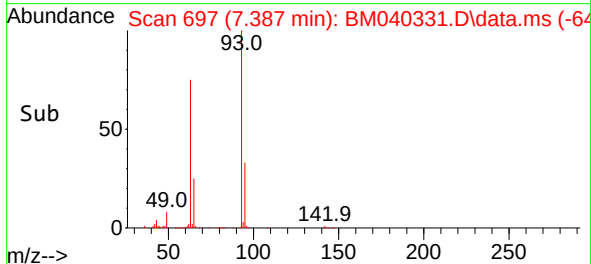
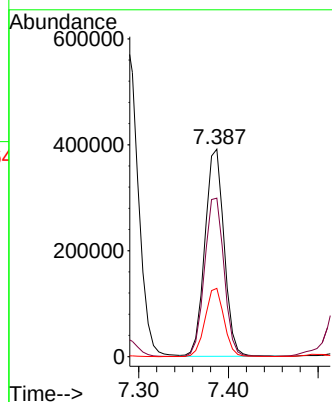
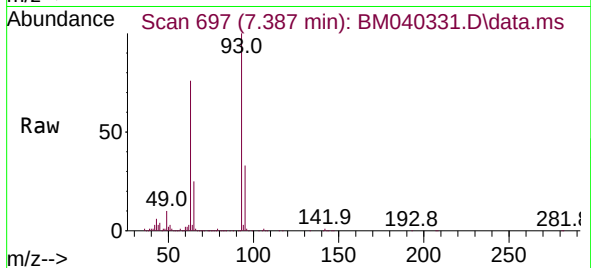




#11
bis(2-Chloroethyl)ether
Concen: 40.138 ng
RT: 7.387 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

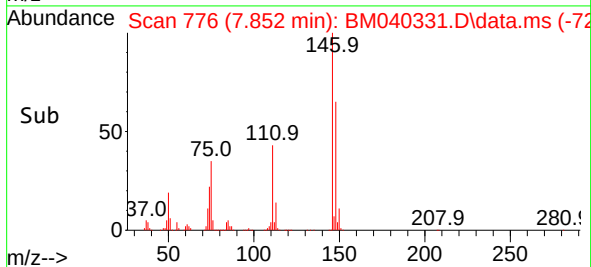
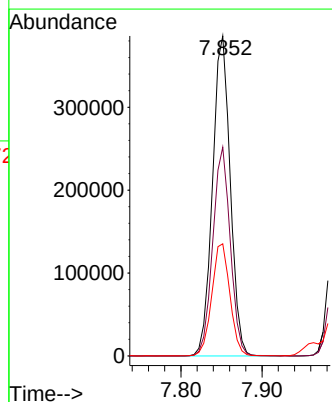
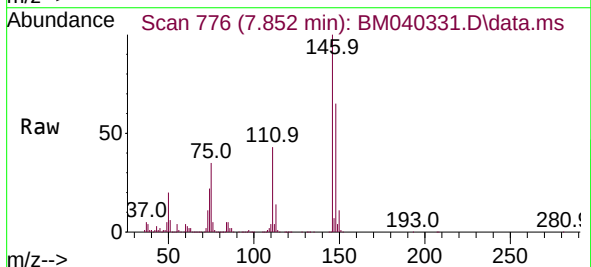
Instrument :
BNA_M
ClientSampleId :

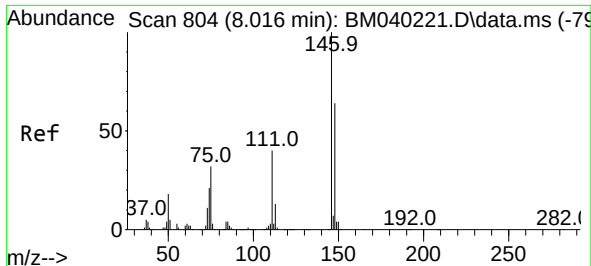
Tgt Ion: 93 Resp: 582584
Ion Ratio Lower Upper
93 100
63 76.4 56.3 96.3
95 32.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.555 ng
RT: 7.852 min Scan# 776
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion: 146 Resp: 584696
Ion Ratio Lower Upper
146 100
148 65.2 52.6 79.0
75 35.0 26.6 40.0

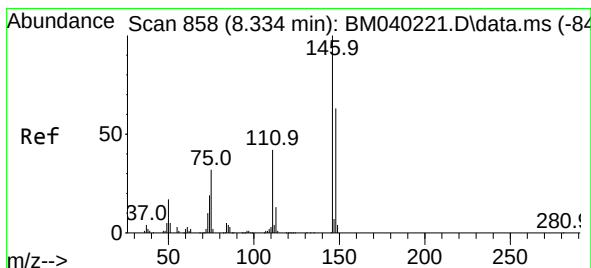
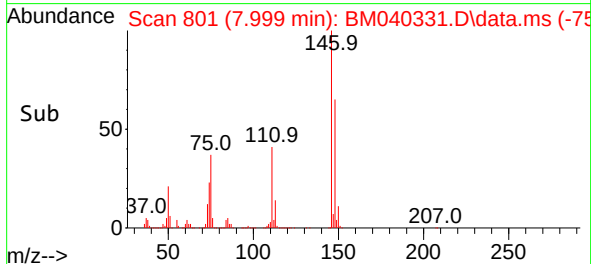
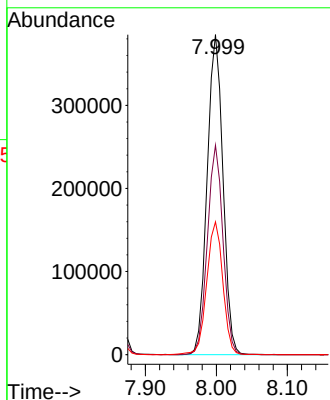
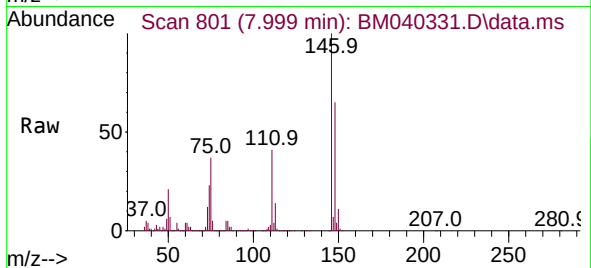




#13
1,4-Dichlorobenzene
Concen: 40.658 ng
RT: 7.999 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

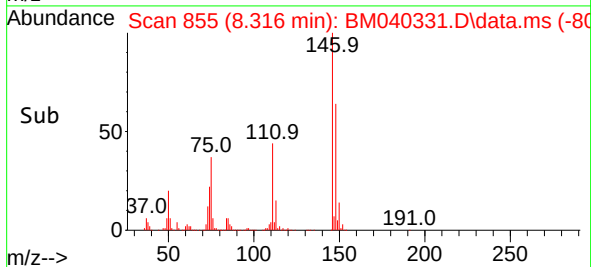
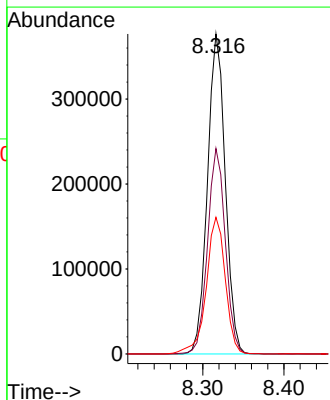
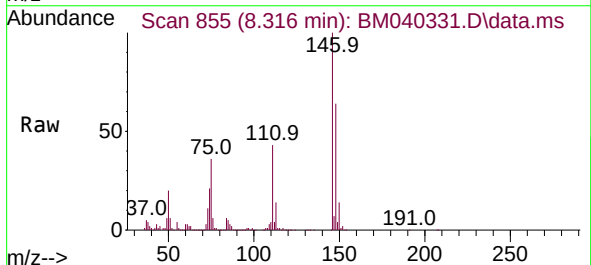
Instrument :
BNA_M
ClientSampleId :

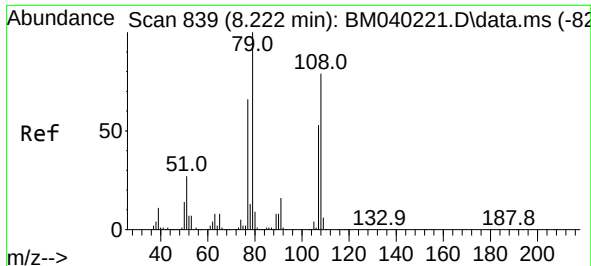
Tgt Ion:146 Resp: 593469
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.4
111 41.5 31.6 47.4



#14
1,2-Dichlorobenzene
Concen: 40.283 ng
RT: 8.316 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:146 Resp: 574923
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
111 42.7 33.8 50.6

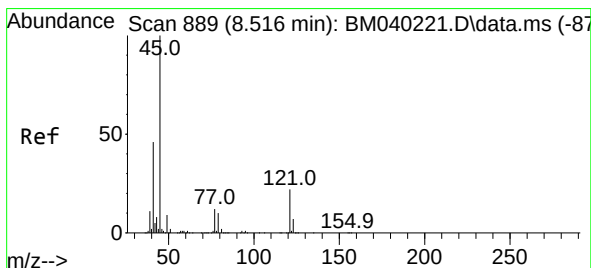
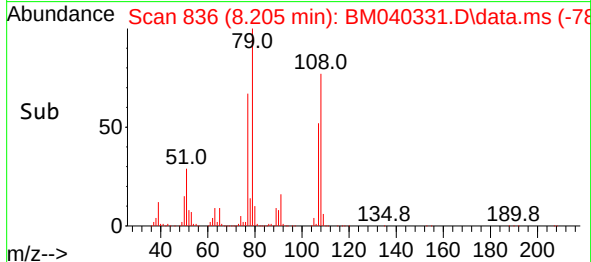
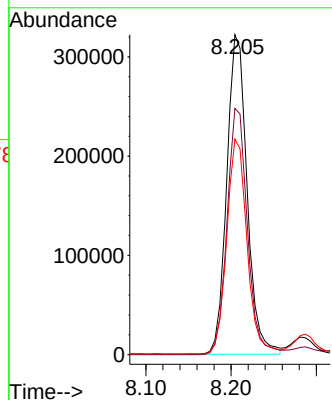
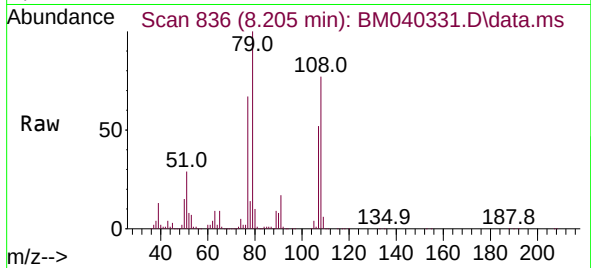




#15
Benzyl Alcohol
Concen: 41.594 ng
RT: 8.205 min Scan# 839
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

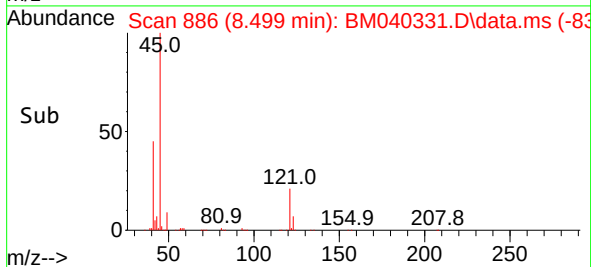
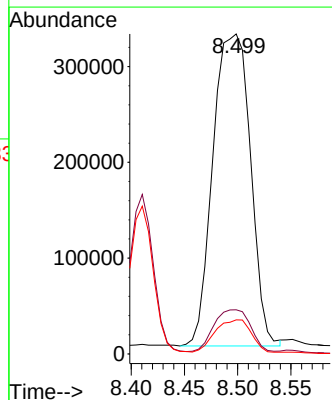
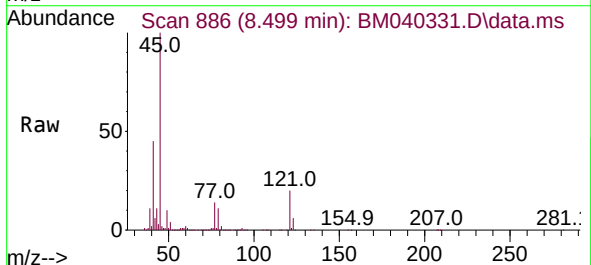
Instrument :
BNA_M
ClientSampleId :

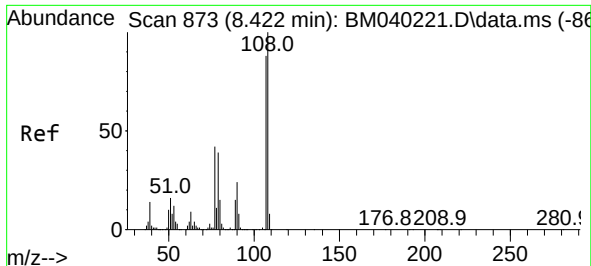
Tgt Ion: 79 Resp: 533705
Ion Ratio Lower Upper
79 100
108 76.9 63.2 94.8
77 67.3 53.2 79.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.809 ng
RT: 8.499 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

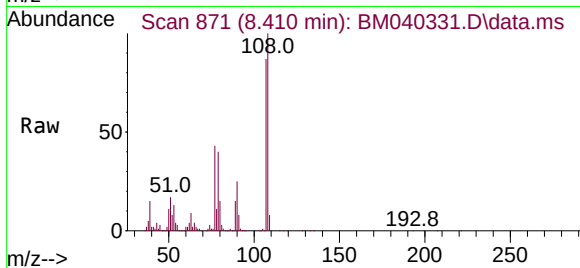
Tgt Ion: 45 Resp: 797524
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.5
79 10.6 0.0 31.5



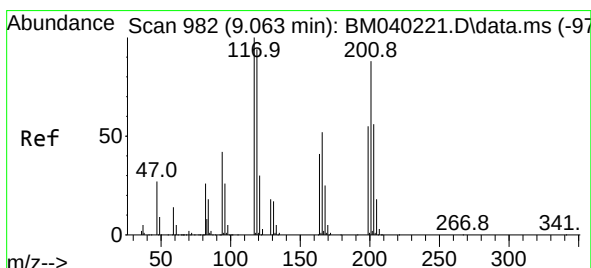
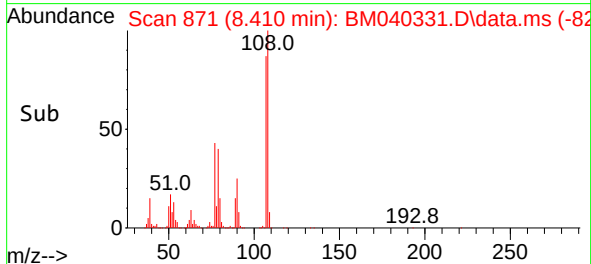
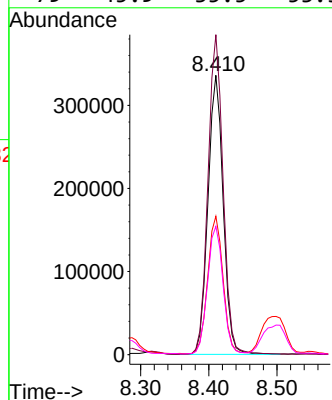


#17
2-Methylphenol
Concen: 40.700 ng
RT: 8.410 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Instrument :
BNA_M
ClientSampleId :

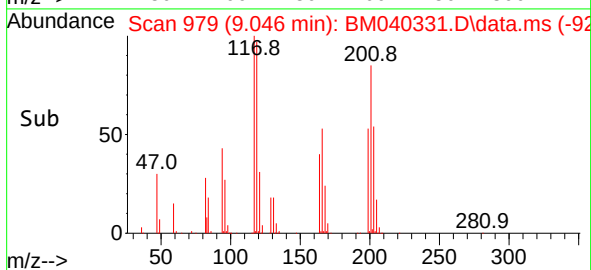
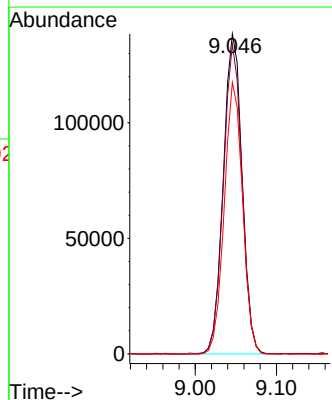
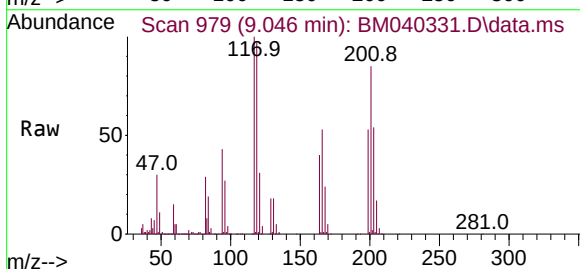


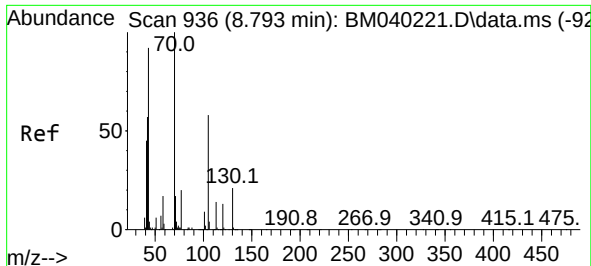
Tgt Ion:	107	Resp:	522550
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.1	136.7
77	49.5	38.7	58.1
79	45.9	35.5	53.3



#18
Hexachloroethane
Concen: 41.271 ng
RT: 9.046 min Scan# 979
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:	117	Resp:	222243
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.0
201	84.8	70.4	105.6

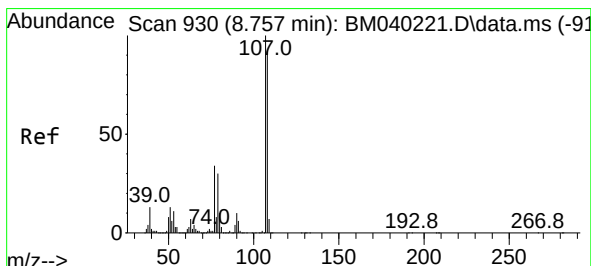
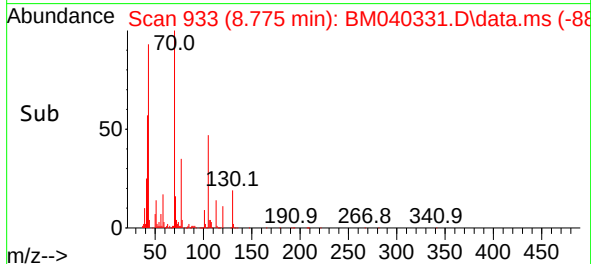
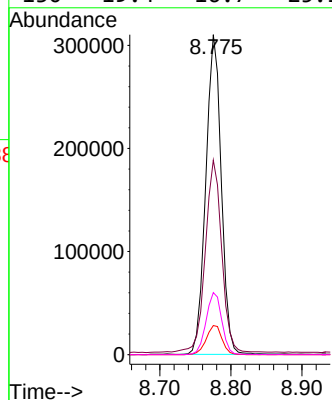
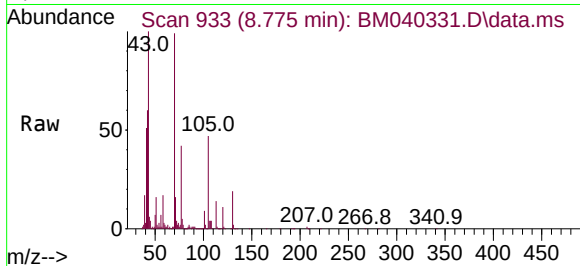




#19
n-Nitroso-di-n-propylamine
Concen: 38.854 ng
RT: 8.775 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

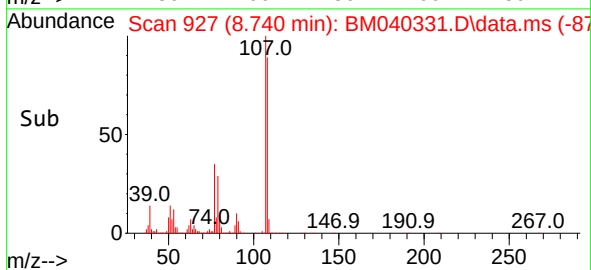
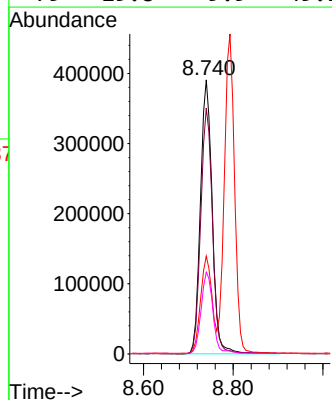
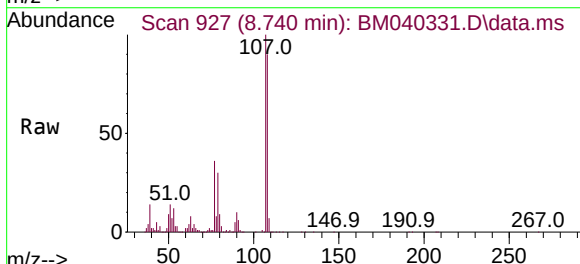
Instrument :
BNA_M
ClientSampleId :

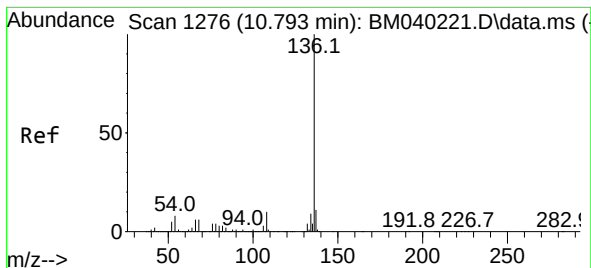
Tgt Ion: 70	Resp: 466920
Ion Ratio	Lower Upper
70 100	
42 60.8	46.2 69.4
101 9.1	7.4 11.0
130 19.4	16.7 25.1



#20
3+4-Methylphenols
Concen: 40.516 ng
RT: 8.740 min Scan# 927
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt	Ion:107	Resp:	711576
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.6	111.6
77	35.7	14.4	54.4
79	29.8	9.9	49.9

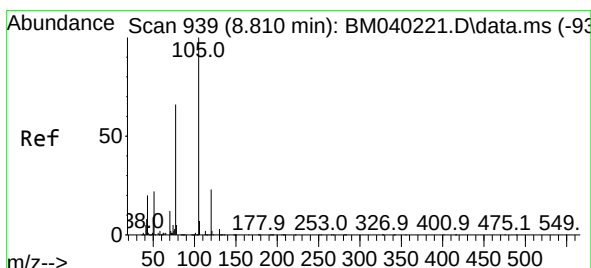
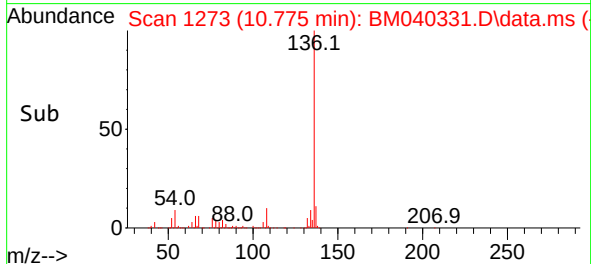
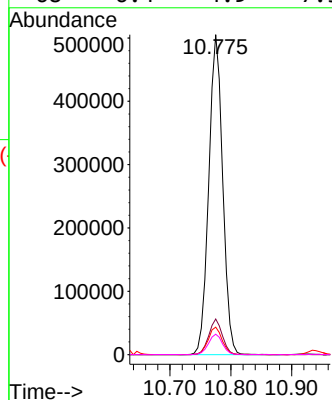
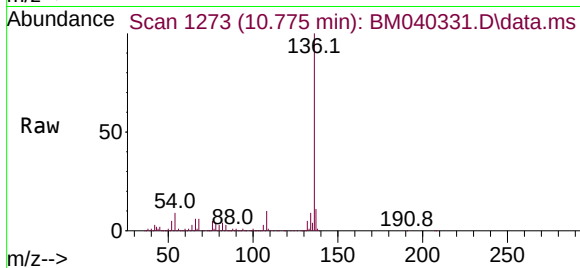




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

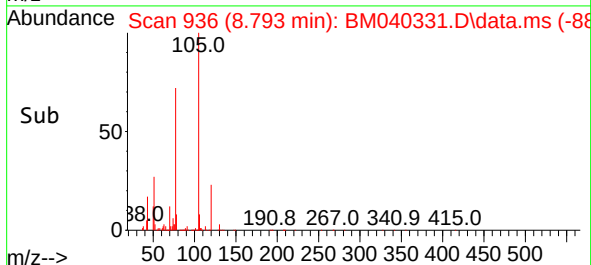
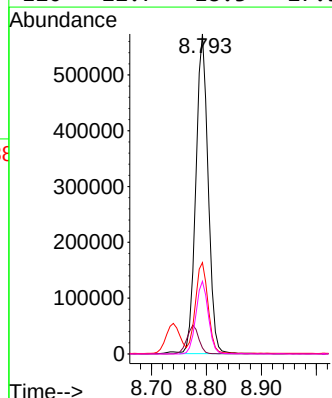
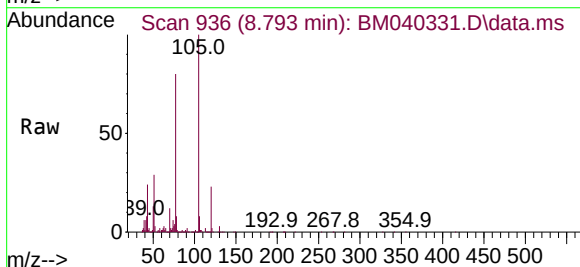
Instrument :
BNA_M
ClientSampleId :

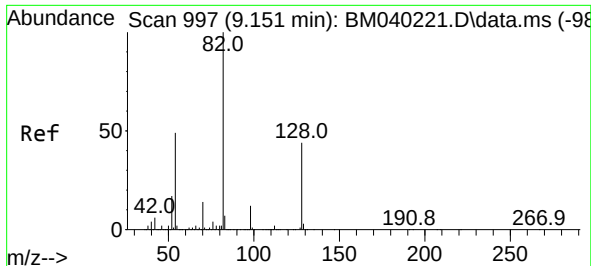
Tgt Ion:	136	Resp:	801491
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	8.6	6.2	9.4
68	6.4	4.9	7.3



#22
Acetophenone
Concen: 42.525 ng
RT: 8.793 min Scan# 936
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:	105	Resp:	887187
Ion Ratio	Lower	Upper	
105	100		
71	1.9	1.9	2.9
51	28.5	21.2	31.8
120	22.7	18.3	27.5

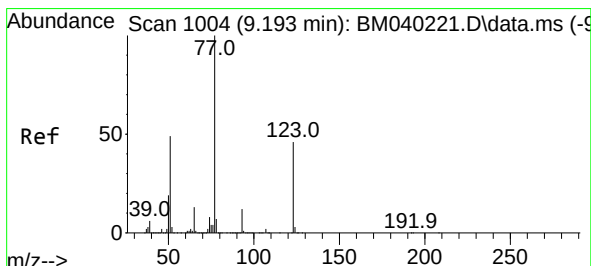
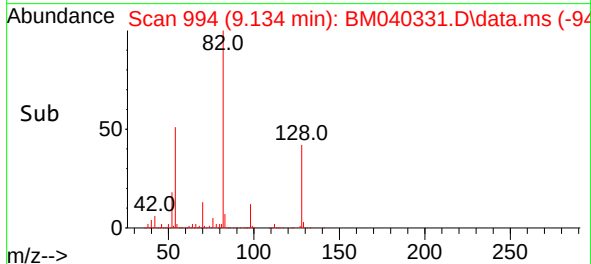
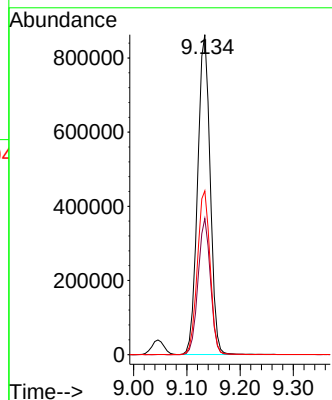
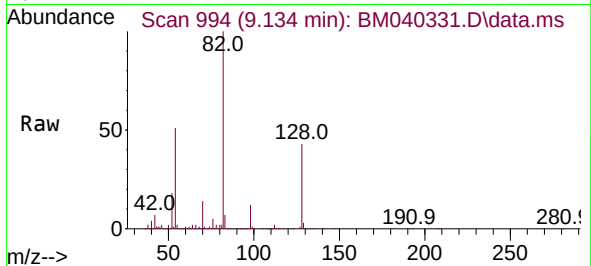




#23
Nitrobenzene-d5
Concen: 92.098 ng
RT: 9.134 min Scan# 997
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

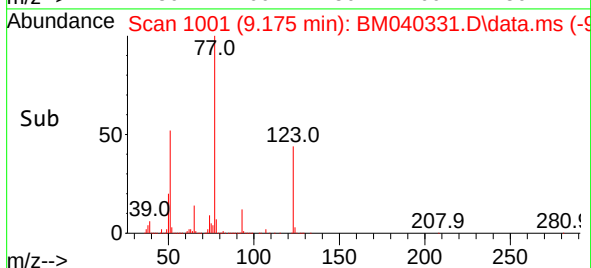
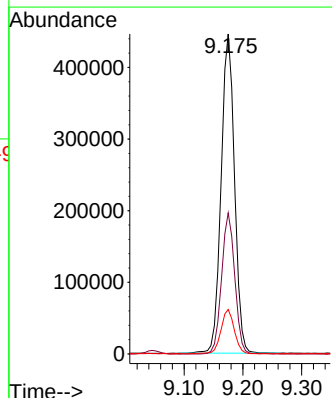
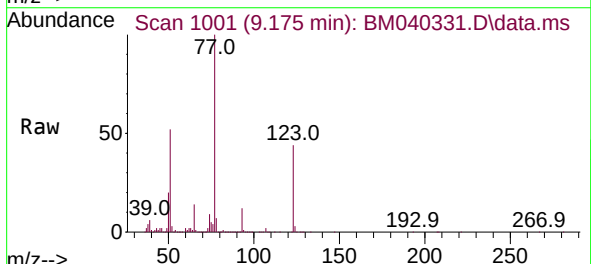
Instrument :
BNA_M
ClientSampleId :

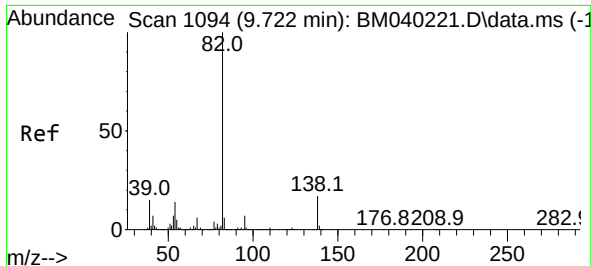
Tgt Ion: 82 Resp: 1409690
Ion Ratio Lower Upper
82 100
128 42.5 35.3 52.9
54 51.2 39.5 59.3



#24
Nitrobenzene
Concen: 44.985 ng
RT: 9.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

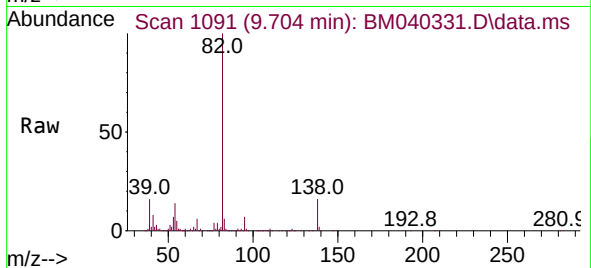
Tgt Ion: 77 Resp: 706700
Ion Ratio Lower Upper
77 100
123 44.1 37.0 55.4
65 13.9 10.7 16.1



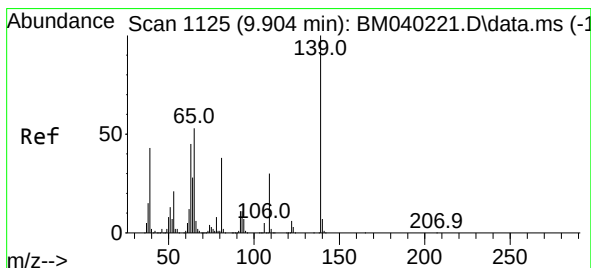
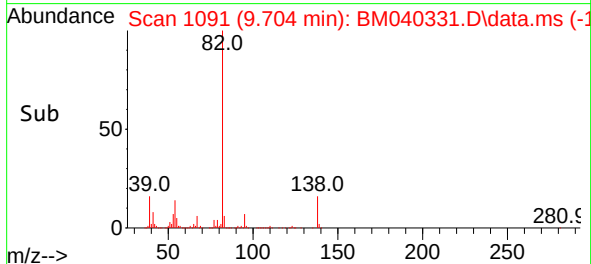
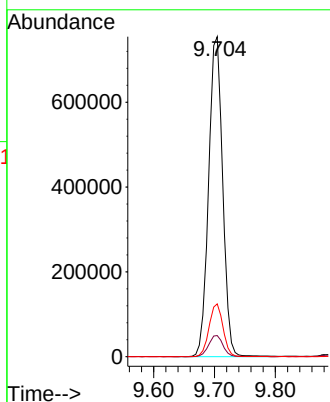


#25
Isophorone
Concen: 40.627 ng
RT: 9.704 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Instrument :
BNA_M
ClientSampleId :

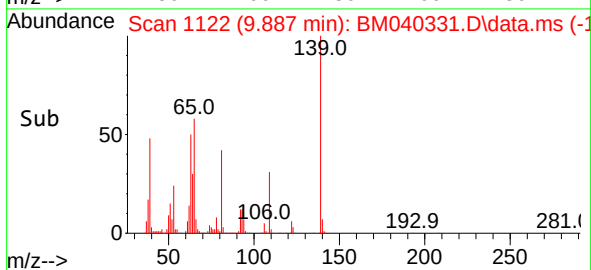
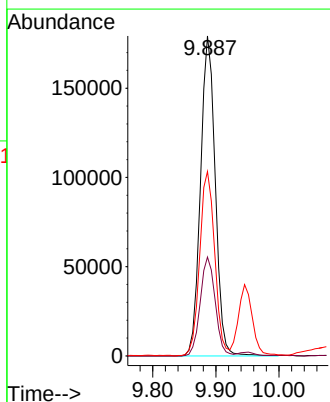
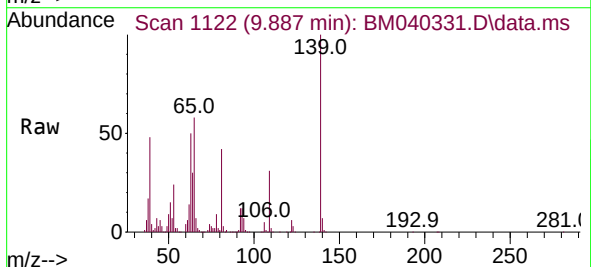


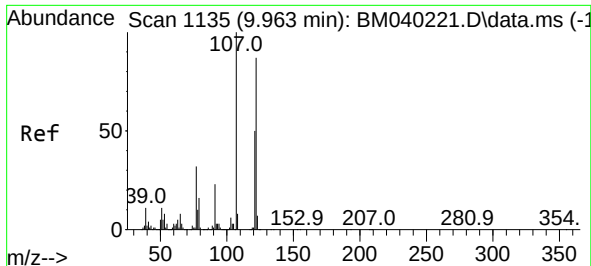
Tgt Ion: 82 Resp: 1208239
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 16.5 13.8 20.6



#26
2-Nitrophenol
Concen: 43.333 ng
RT: 9.887 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion: 139 Resp: 290918
Ion Ratio Lower Upper
139 100
109 30.9 23.9 35.9
65 57.7 42.1 63.1

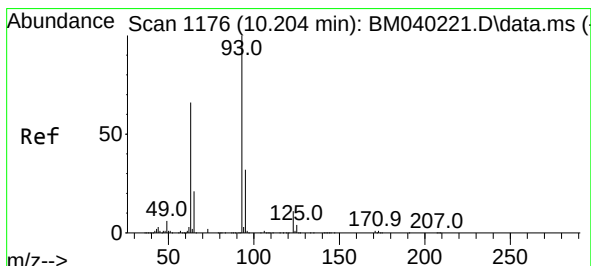
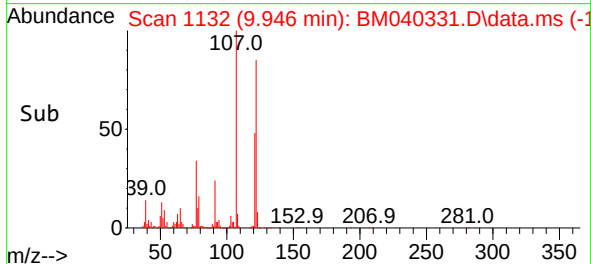
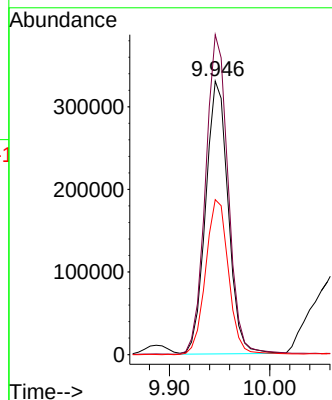
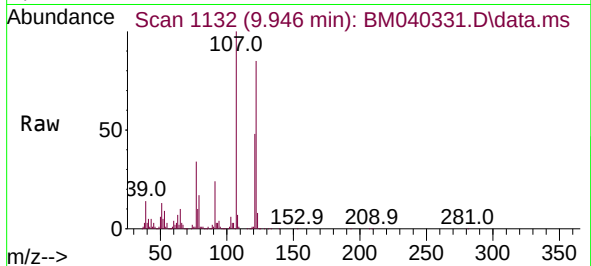




#27
2,4-Dimethylphenol
Concen: 41.218 ng
RT: 9.946 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

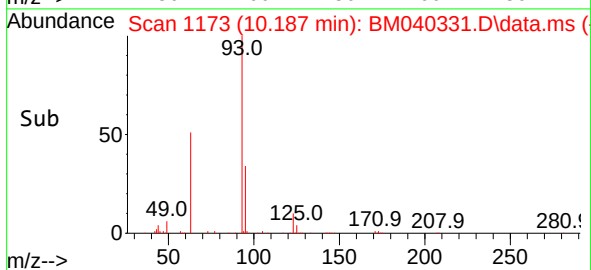
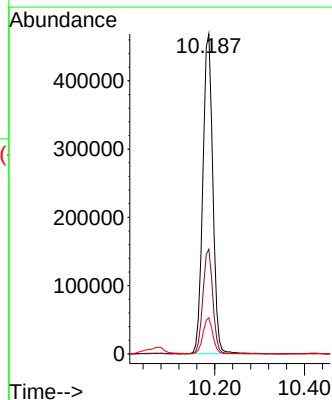
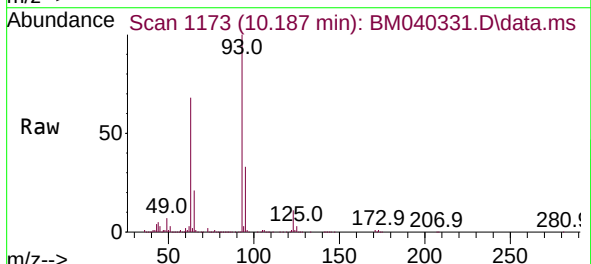
Instrument :
BNA_M
ClientSampleId :

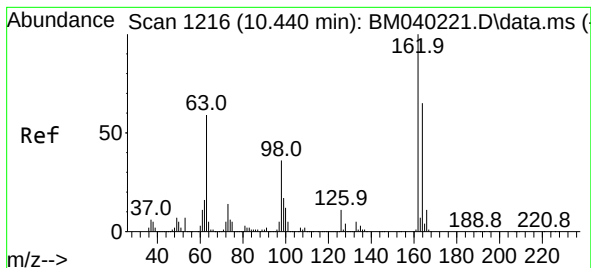
Tgt Ion:122 Resp: 514570
Ion Ratio Lower Upper
122 100
107 117.0 91.9 137.9
121 56.6 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.728 ng
RT: 10.187 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion: 93 Resp: 723957
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 11.3 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 39.455 ng

RT: 10.422 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

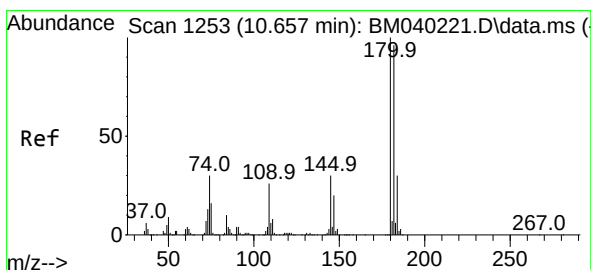
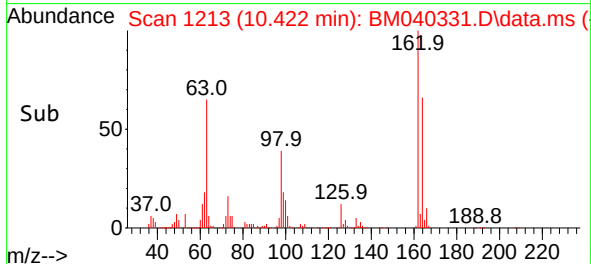
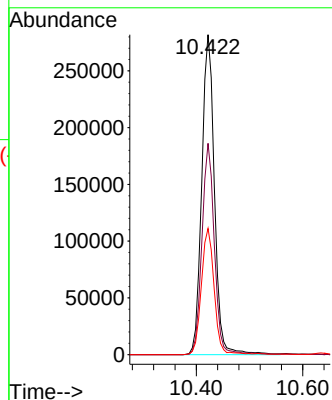
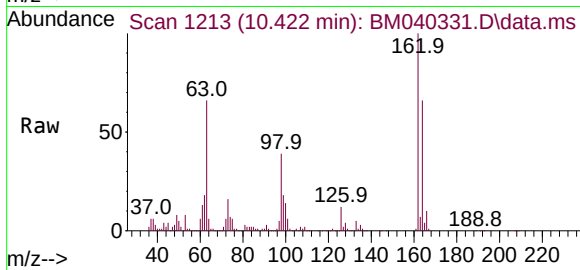
Tgt Ion:162 Resp: 466632

Ion Ratio Lower Upper

162 100

164 66.0 44.5 84.5

98 39.4 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 38.702 ng

RT: 10.640 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

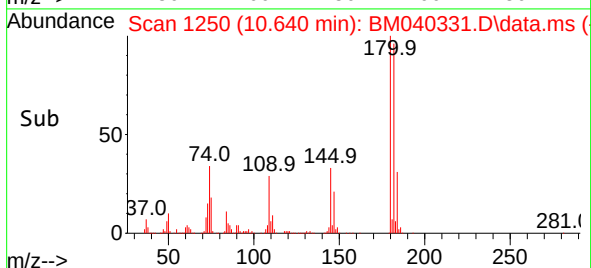
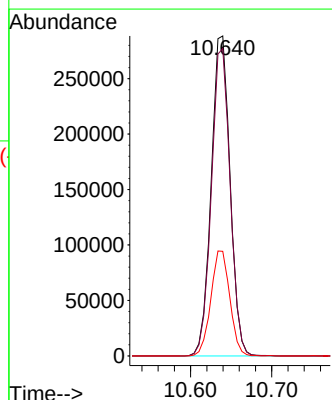
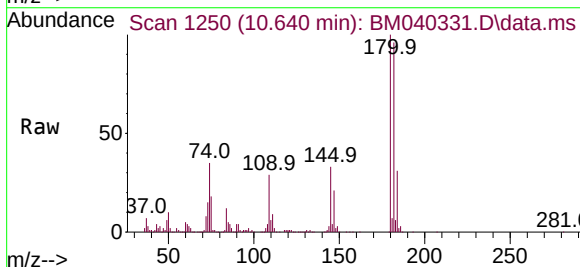
Tgt Ion:180 Resp: 466459

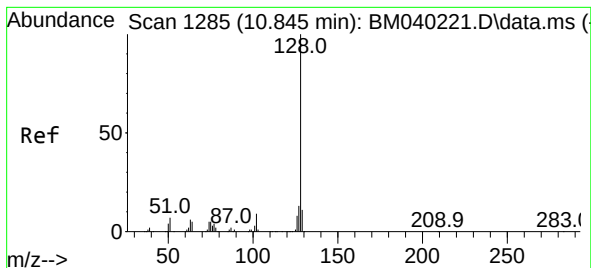
Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

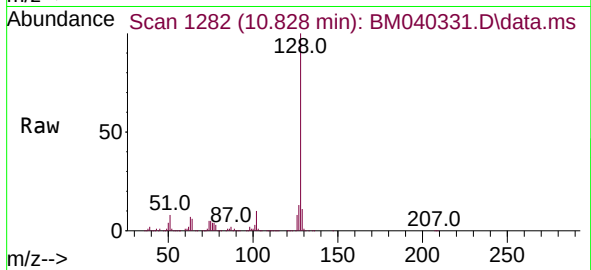
145 32.7 24.3 36.5



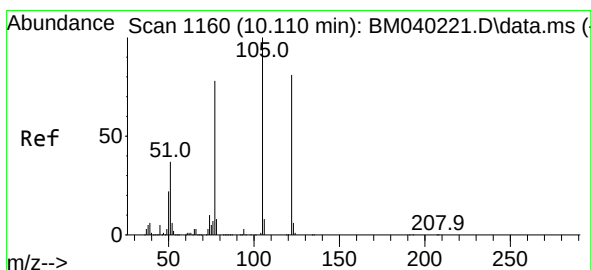
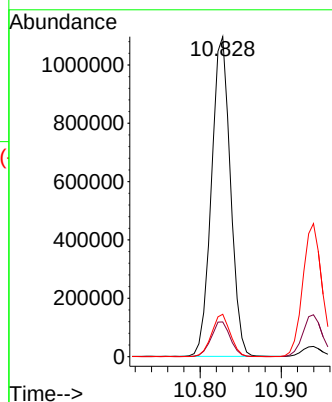
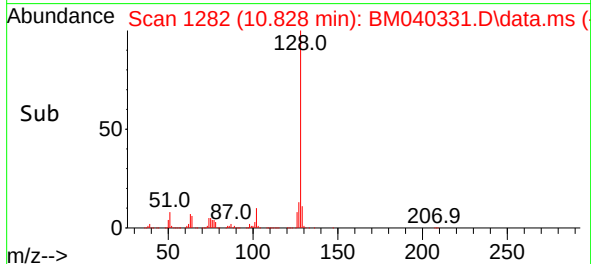


#31
Naphthalene
Concen: 41.275 ng
RT: 10.828 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Instrument :
BNA_M
ClientSampleId :

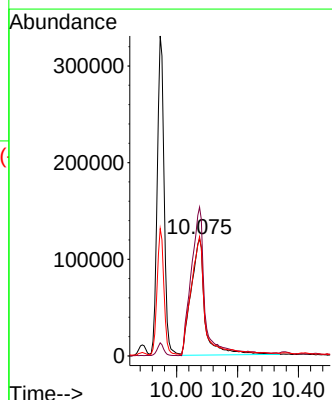
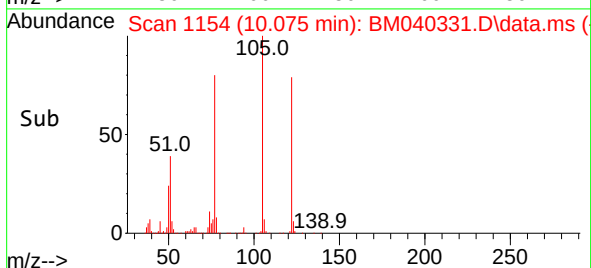
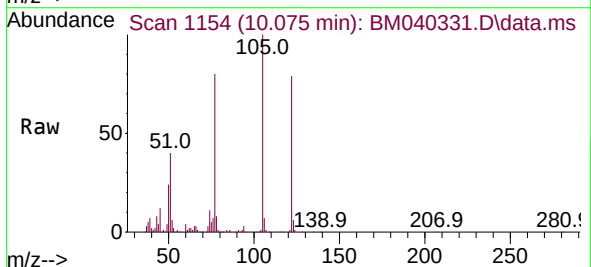


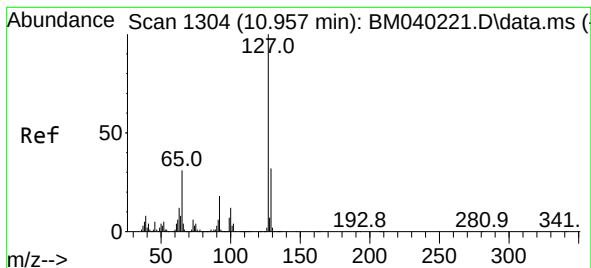
Tgt Ion:128 Resp: 1777324
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 39.975 ng
RT: 10.075 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:122 Resp: 383027
Ion Ratio Lower Upper
122 100
105 127.0 100.4 140.4
77 101.8 75.0 115.0

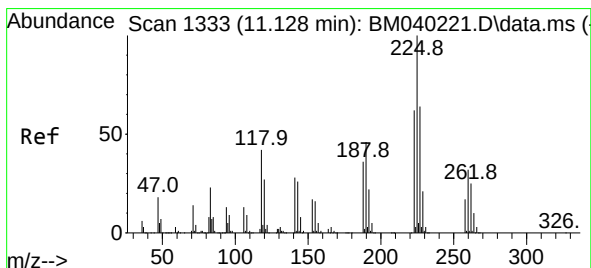
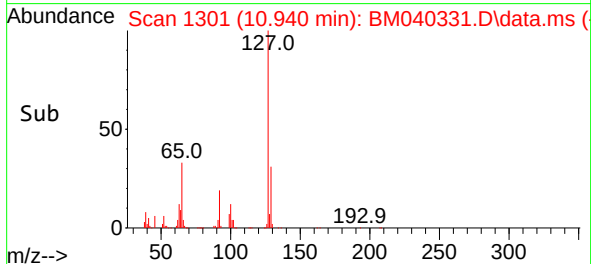
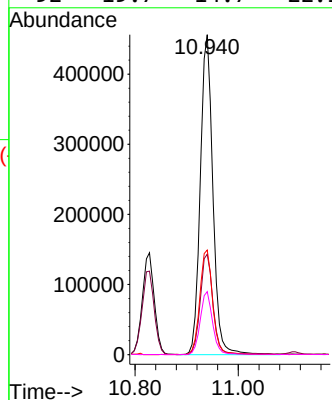
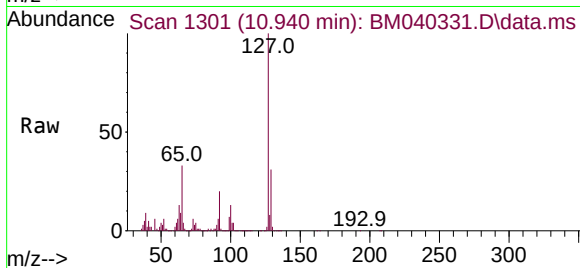




#33
4-Chloroaniline
Concen: 40.090 ng
RT: 10.940 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

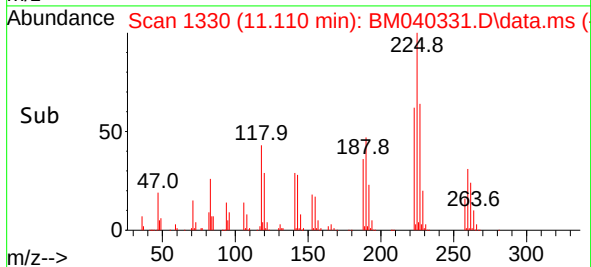
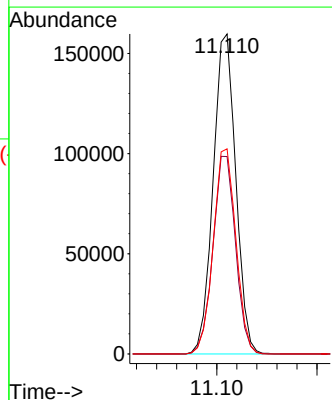
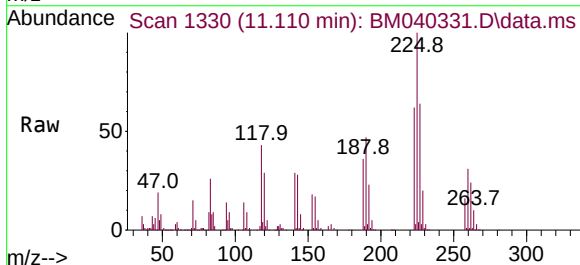
Instrument :
BNA_M
ClientSampleId :

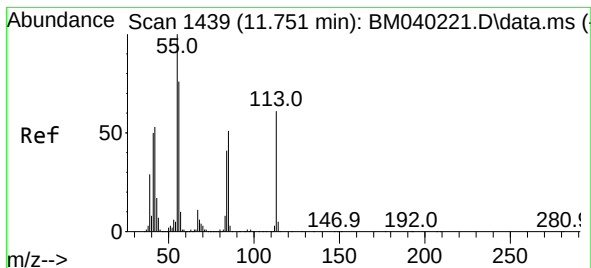
Tgt Ion:127	Resp: 772173
Ion Ratio	Lower Upper
127 100	
129 31.4	25.7 38.5
65 32.7	24.6 36.8
92 19.7	14.7 22.1



#34
Hexachlorobutadiene
Concen: 36.893 ng
RT: 11.110 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:225	Resp: 249972		
Ion Ratio	Lower	Upper	
225 100			
223 61.7	49.5	74.3	
227 64.1	51.1	76.7	





#35

Caprolactam

Concen: 40.683 ng

RT: 11.728 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

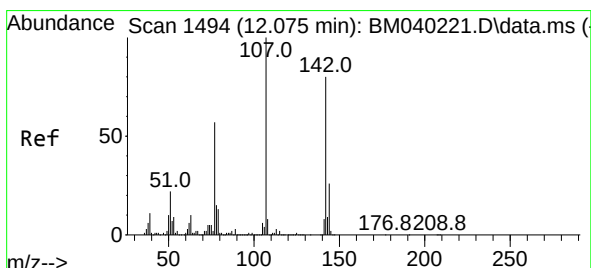
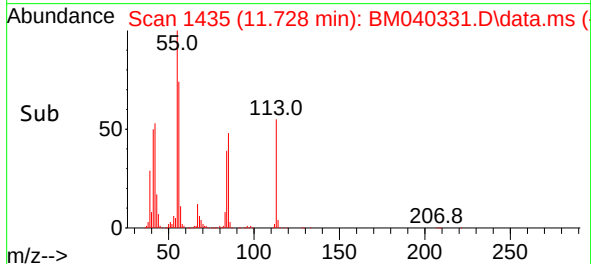
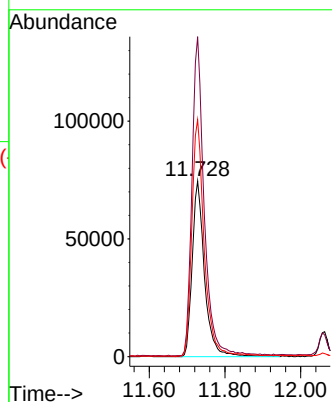
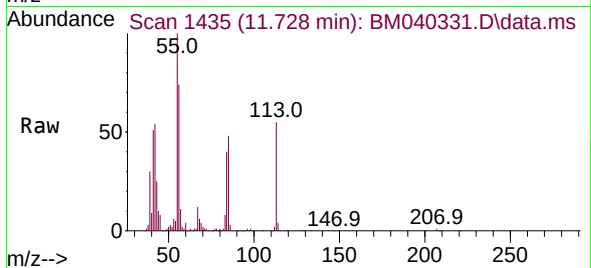
Tgt Ion:113 Resp: 167679

Ion Ratio Lower Upper

113 100

55 182.3 144.6 184.6

56 134.9 105.5 145.5



#36

4-Chloro-3-methylphenol

Concen: 40.597 ng

RT: 12.063 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

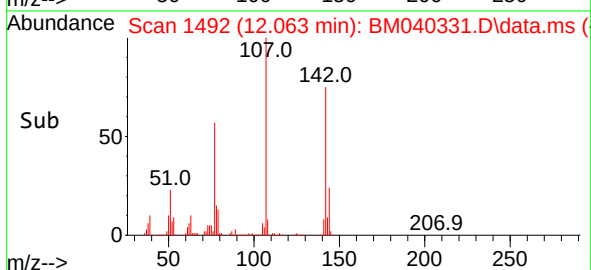
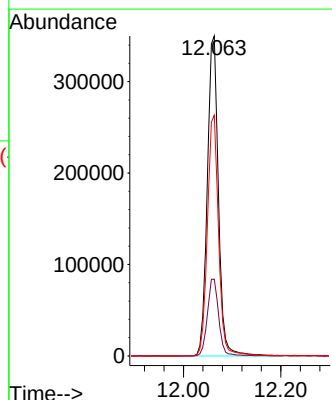
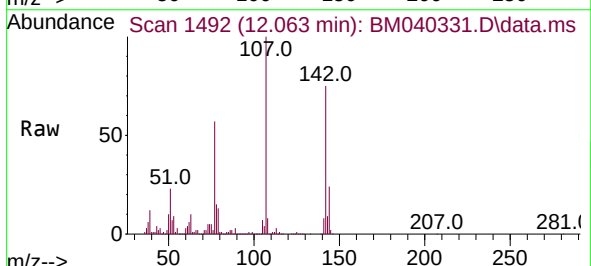
Tgt Ion:107 Resp: 556950

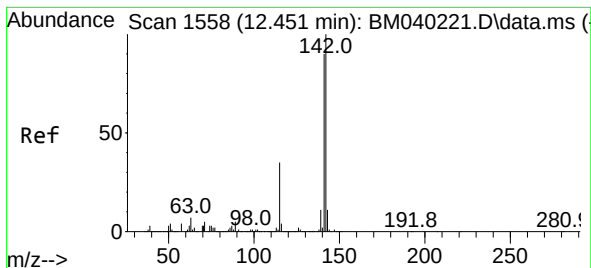
Ion Ratio Lower Upper

107 100

144 24.0 20.7 31.1

142 75.2 64.2 96.2

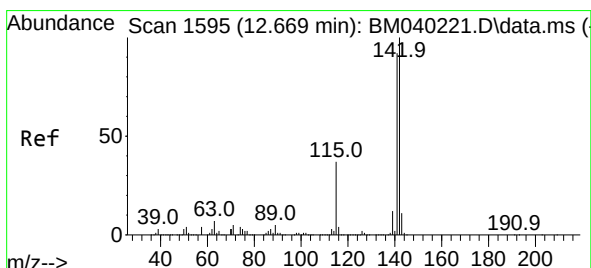
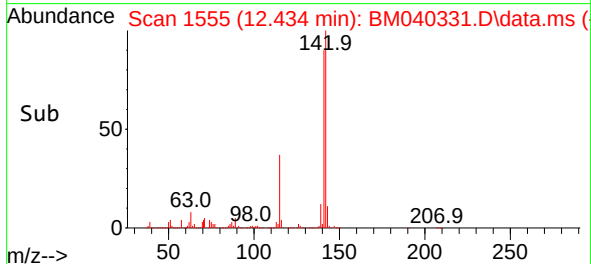
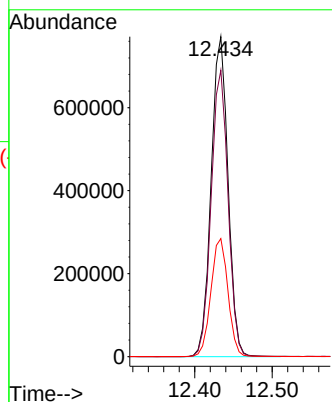
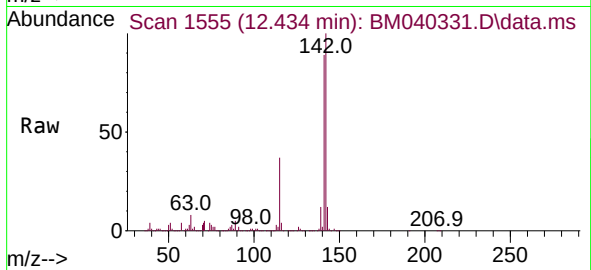




#37
2-Methylnaphthalene
Concen: 38.166 ng
RT: 12.434 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

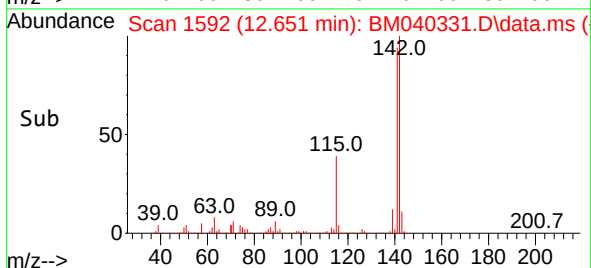
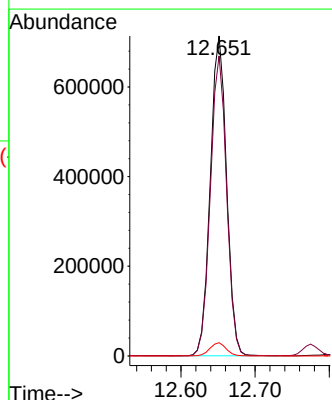
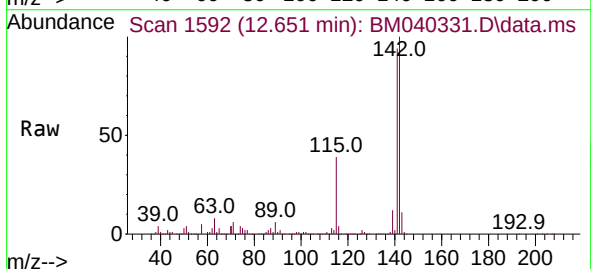
Instrument :
BNA_M
ClientSampleId :

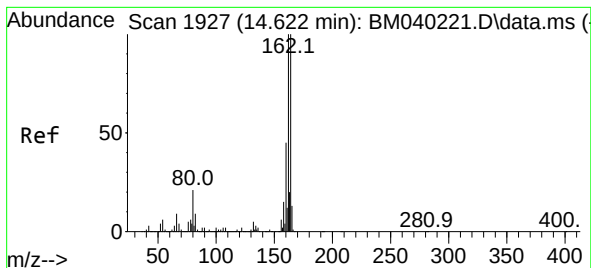
Tgt Ion:142 Resp: 1165174
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.8
115 36.9 28.4 42.6



#38
1-Methylnaphthalene
Concen: 37.738 ng
RT: 12.651 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:142 Resp: 1088140
Ion Ratio Lower Upper
142 100
141 93.8 73.2 109.8
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 19

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

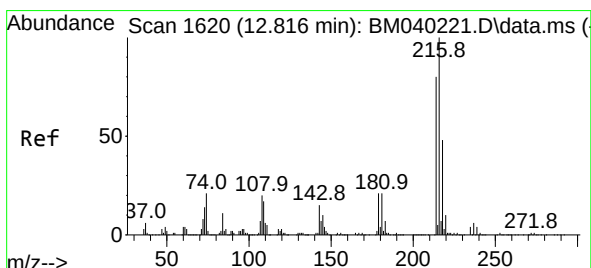
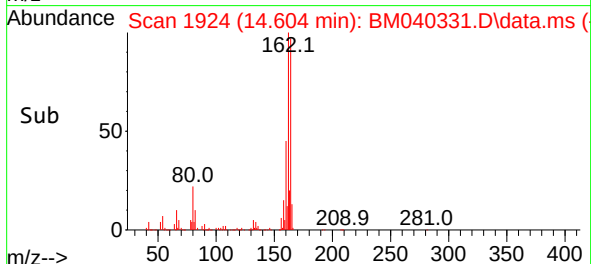
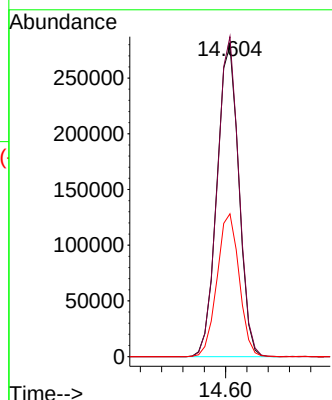
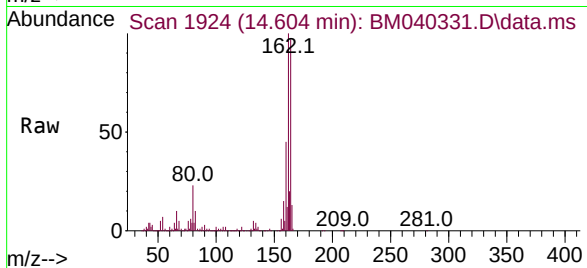
Tgt Ion:164 Resp: 399869

Ion Ratio Lower Upper

164 100

162 102.9 79.9 119.9

160 45.9 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.762 ng

RT: 12.798 min Scan# 1617

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Tgt Ion:216 Resp: 464347

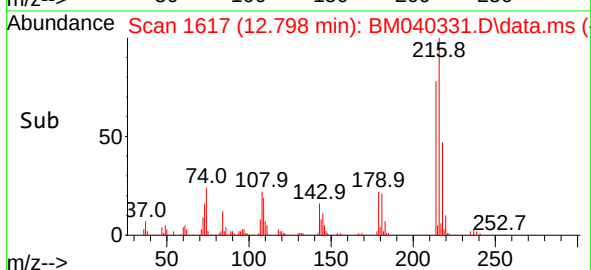
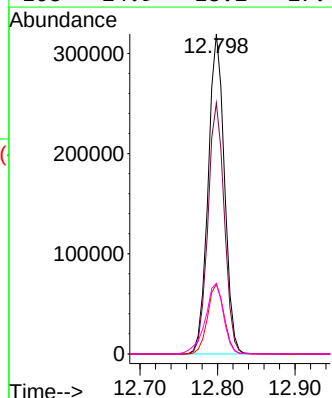
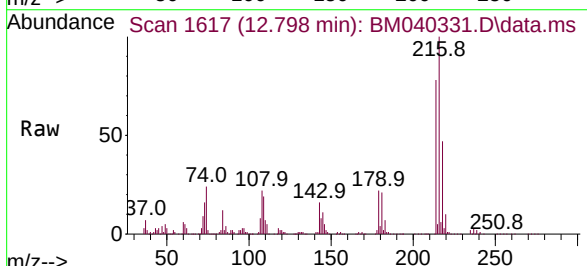
Ion Ratio Lower Upper

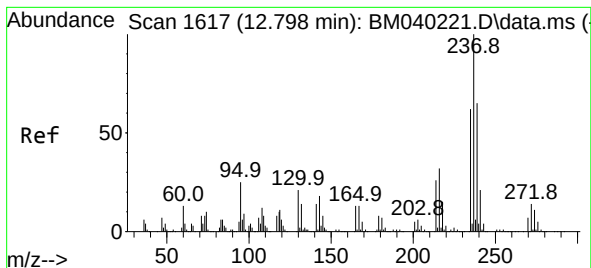
216 100

214 78.7 63.0 94.6

179 22.1 17.3 25.9

108 24.9 18.2 27.4





#41

Hexachlorocyclopentadiene

Concen: 39.836 ng

RT: 12.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

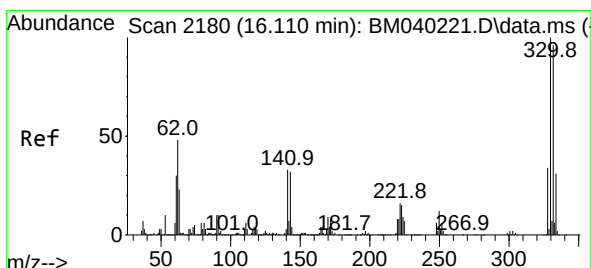
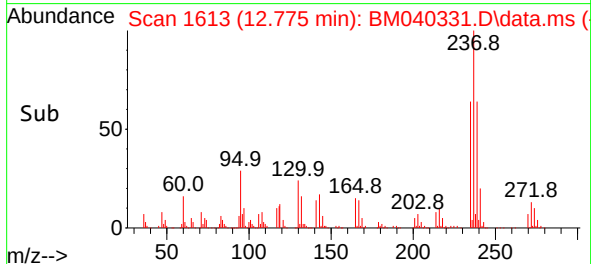
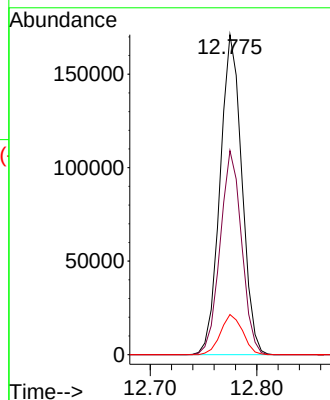
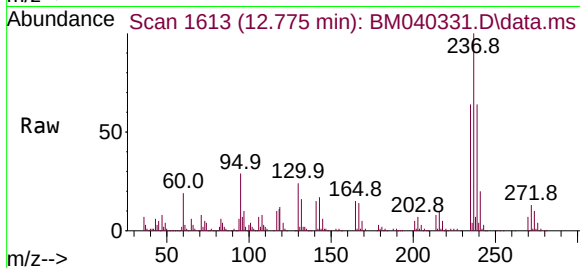
Tgt Ion:237 Resp: 243654

Ion Ratio Lower Upper

237 100

235 63.7 42.1 82.1

272 12.5 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 69.783 ng

RT: 16.092 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

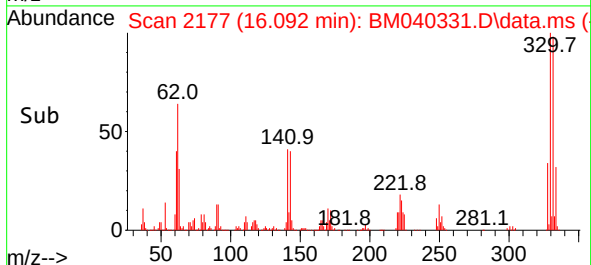
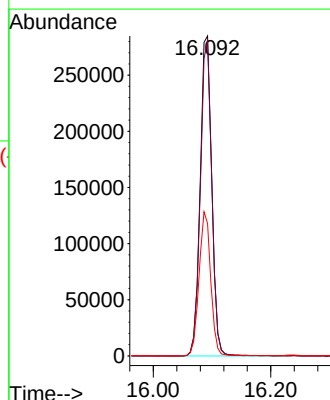
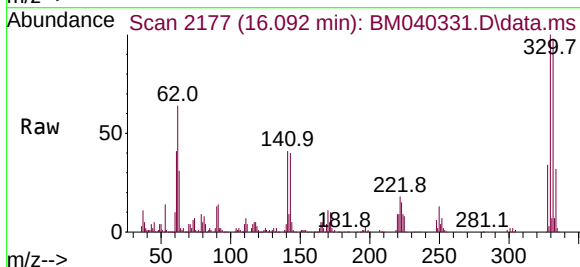
Tgt Ion:330 Resp: 389263

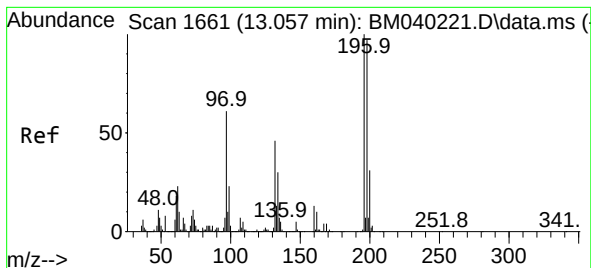
Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

141 45.4 30.0 45.0#





#43

2,4,6-Trichlorophenol

Concen: 42.116 ng

RT: 13.040 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

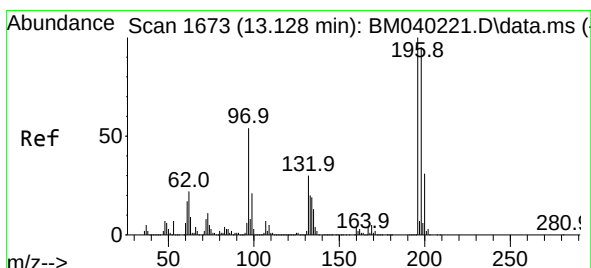
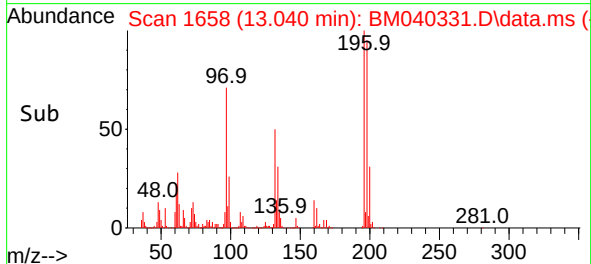
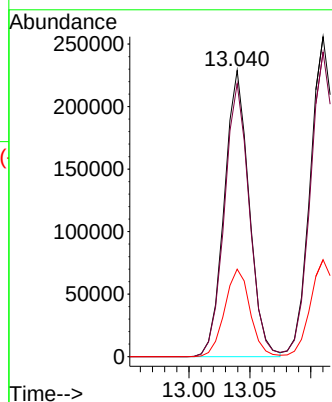
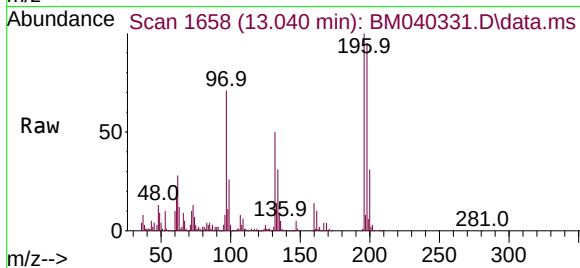
Tgt Ion:196 Resp: 324735

Ion Ratio Lower Upper

196 100

198 95.4 77.8 116.8

200 30.5 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 41.844 ng

RT: 13.110 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Tgt Ion:196 Resp: 384346

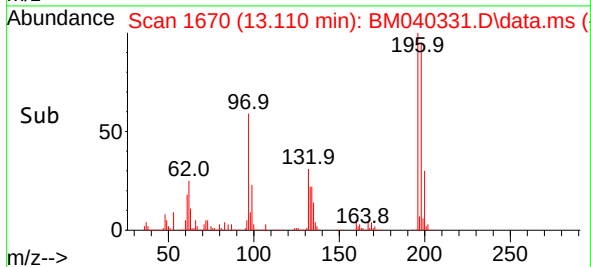
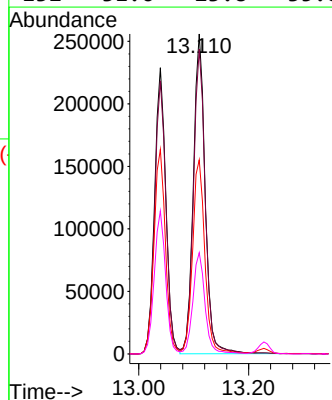
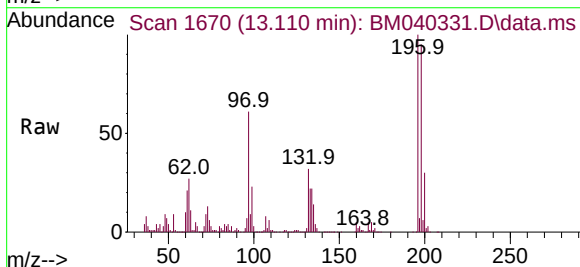
Ion Ratio Lower Upper

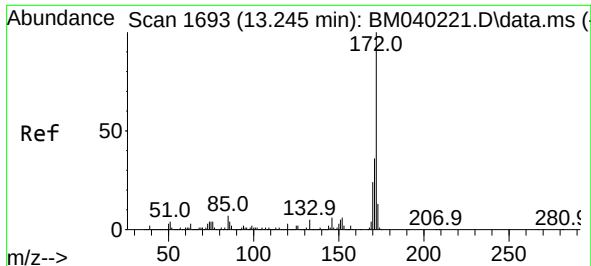
196 100

198 95.2 75.9 113.9

97 60.6 43.0 64.6

132 31.6 23.8 35.8

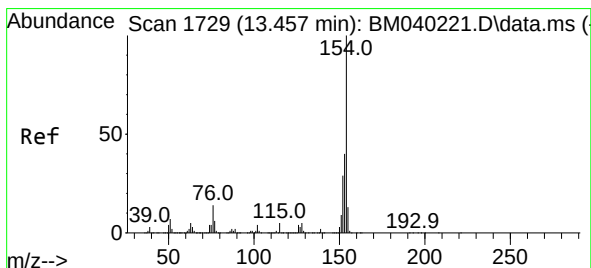
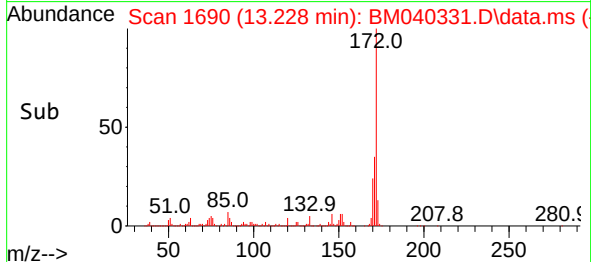
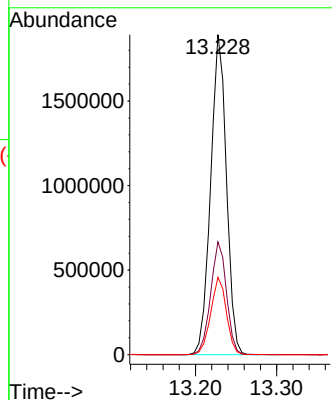
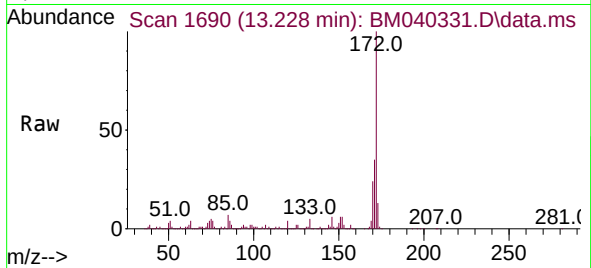




#45
2-Fluorobiphenyl
Concen: 87.807 ng
RT: 13.228 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

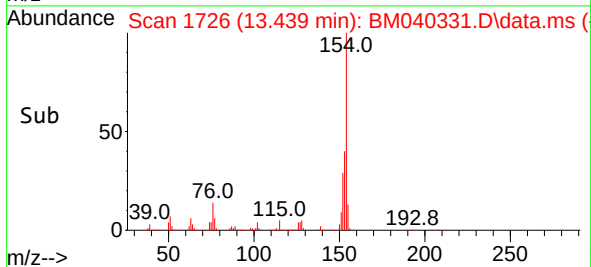
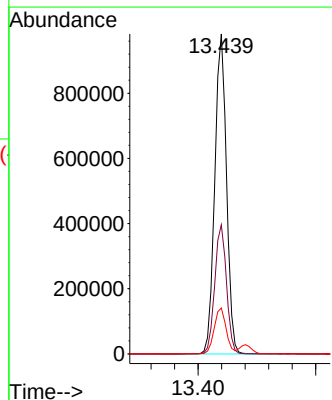
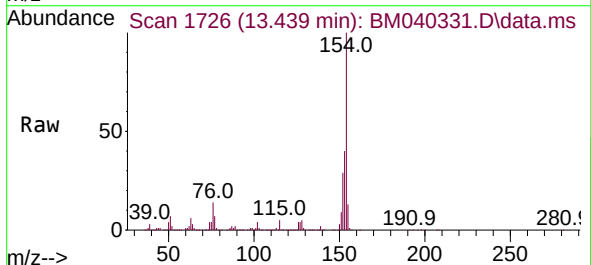
Instrument :
BNA_M
ClientSampleId :

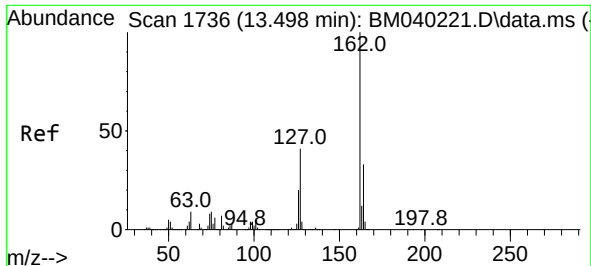
Tgt Ion:172 Resp: 2557969
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.1 19.5 29.3



#46
1,1'-Biphenyl
Concen: 42.955 ng
RT: 13.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:154 Resp: 1355774
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 14.4 0.0 33.7





#47

2-Chloronaphthalene

Concen: 42.880 ng

RT: 13.481 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

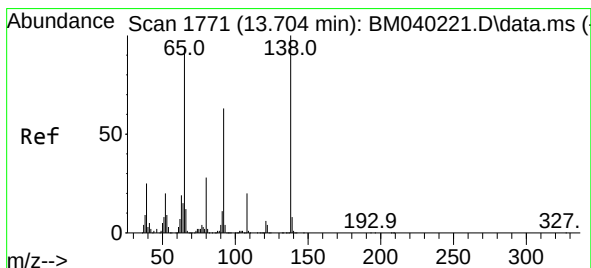
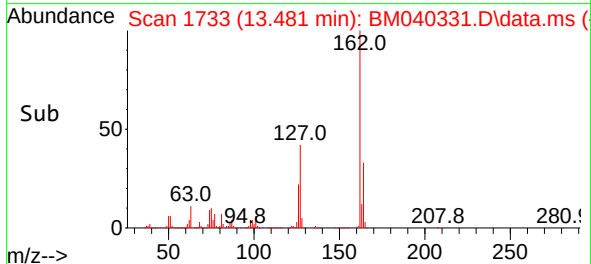
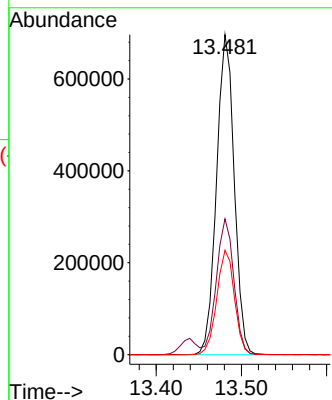
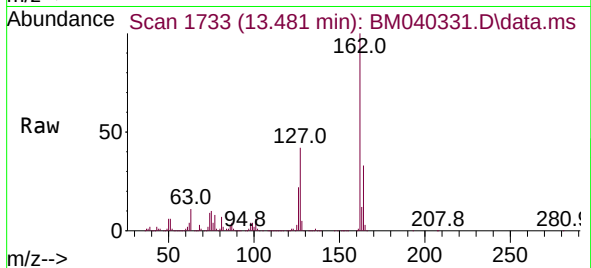
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:162 Resp: 1002241

Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.7	49.1
164	32.6	26.6	40.0



#48

2-Nitroaniline

Concen: 51.000 ng

RT: 13.687 min Scan# 1768

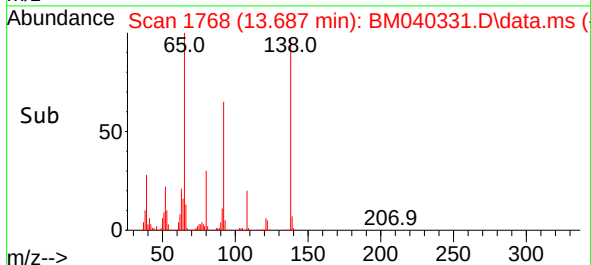
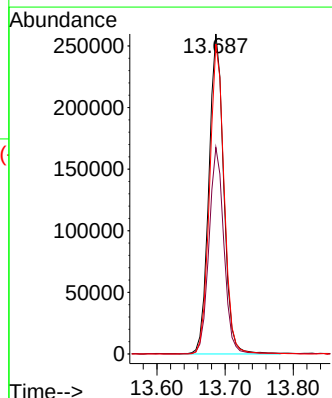
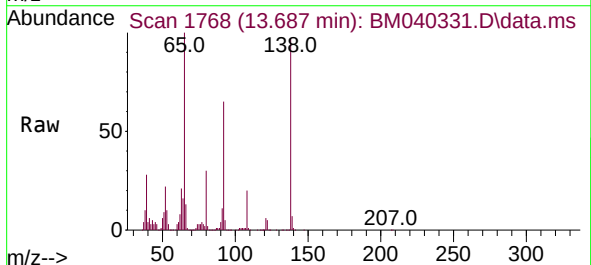
Delta R.T. 0.000 min

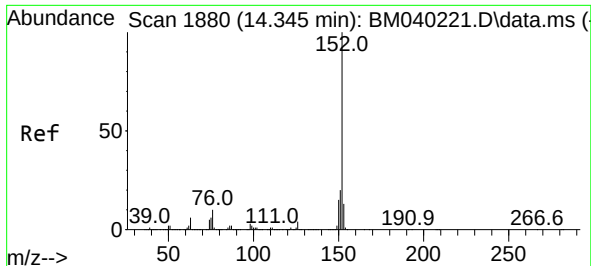
Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Tgt Ion: 65 Resp: 392968

Ion	Ratio	Lower	Upper
65	100		
92	64.5	54.1	81.1
138	96.8	86.0	129.0

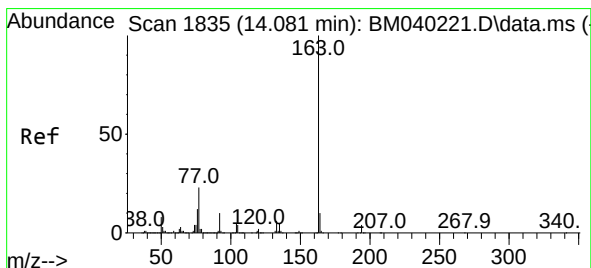
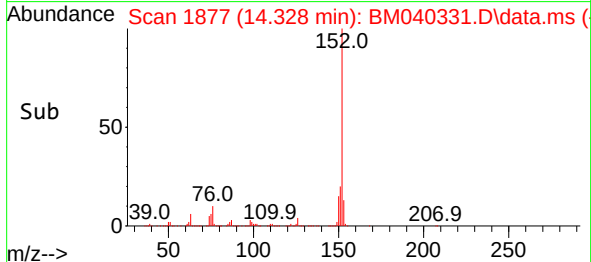
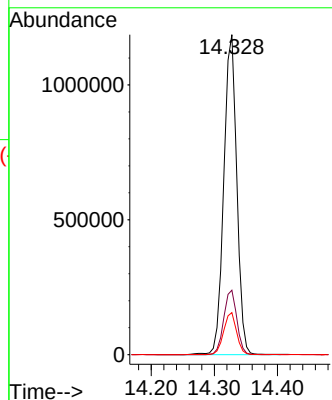
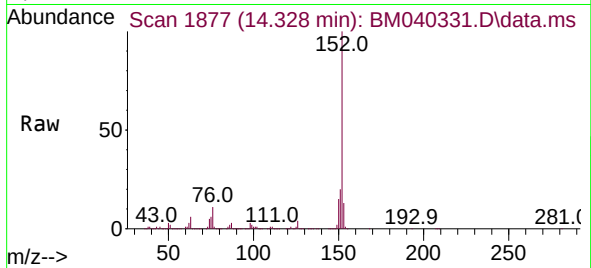




#49
Acenaphthylene
Concen: 43.426 ng
RT: 14.328 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

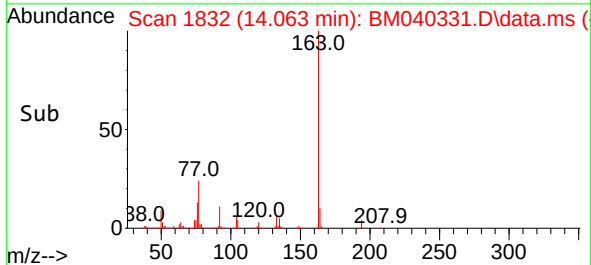
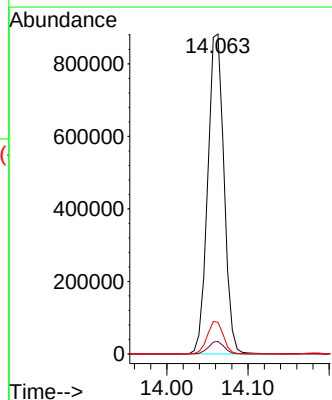
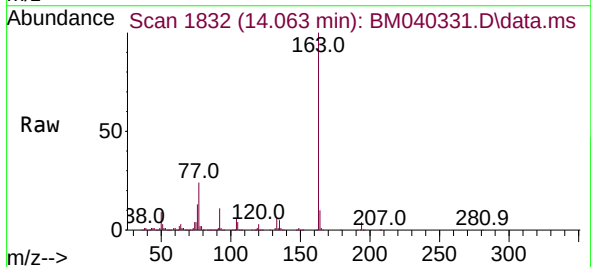
Instrument :
BNA_M
ClientSampleId :

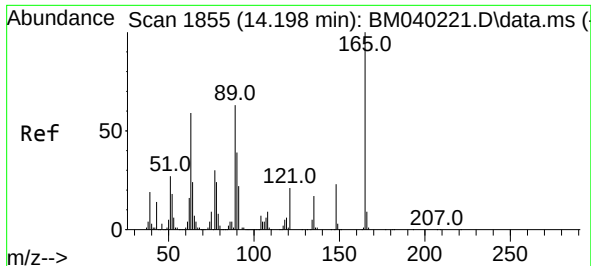
Tgt Ion:152 Resp: 1693098
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 38.648 ng
RT: 14.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:163 Resp: 1229745
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.1 12.1

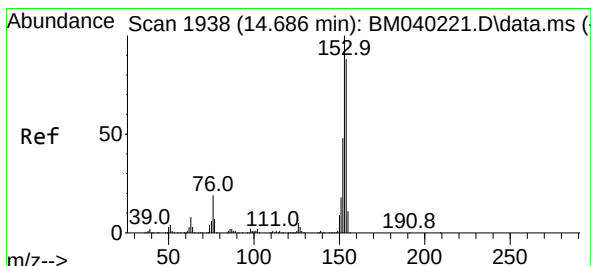
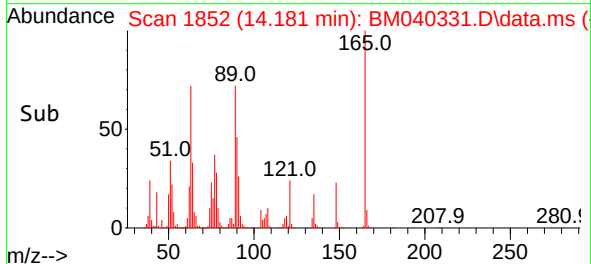
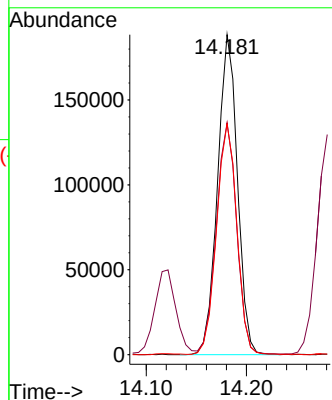
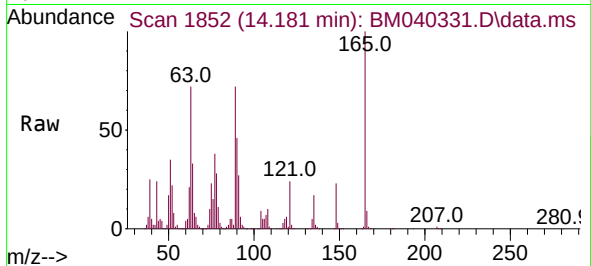




#51
2,6-Dinitrotoluene
Concen: 40.111 ng
RT: 14.181 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

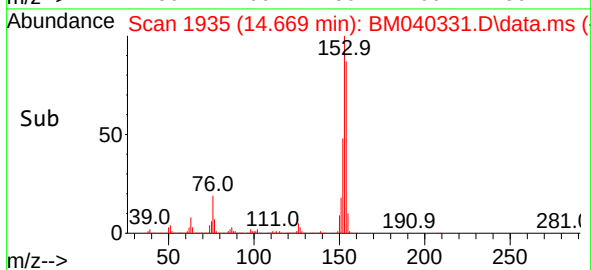
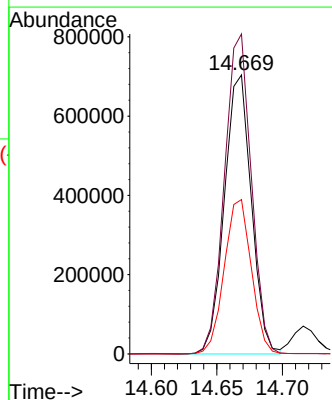
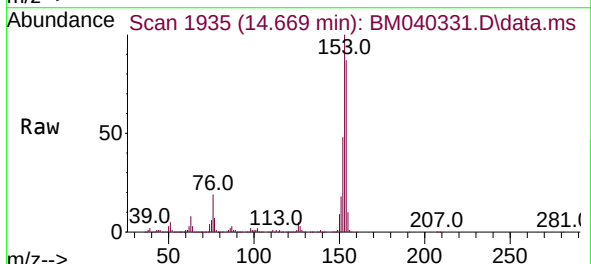
Instrument :
BNA_M
ClientSampleId :

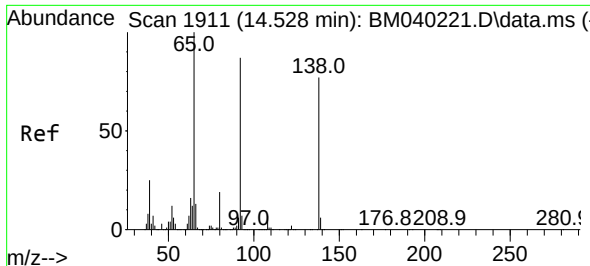
Tgt Ion:165 Resp: 259691
Ion Ratio Lower Upper
165 100
63 72.4 49.8 74.8
89 72.1 50.2 75.4



#52
Acenaphthene
Concen: 42.443 ng
RT: 14.669 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:154 Resp: 1009563
Ion Ratio Lower Upper
154 100
153 114.7 90.9 136.3
152 55.3 43.8 65.8

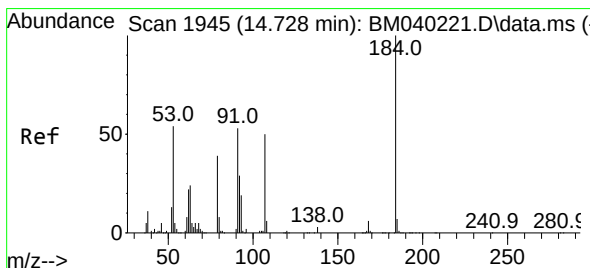
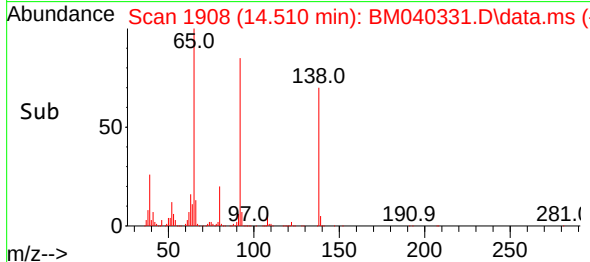
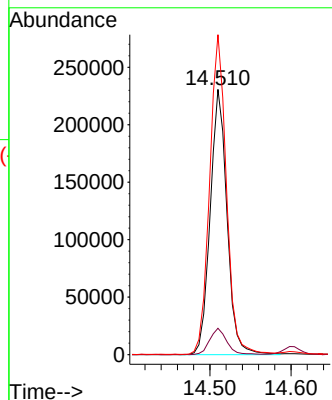
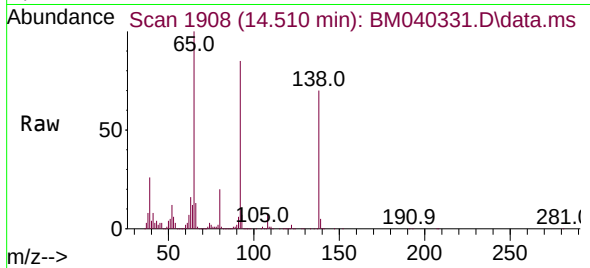




#53
3-Nitroaniline
Concen: 43.243 ng
RT: 14.510 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

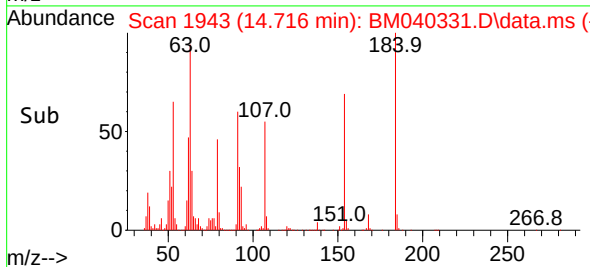
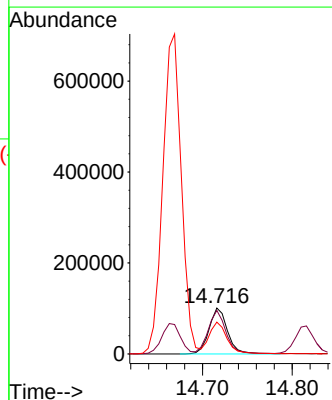
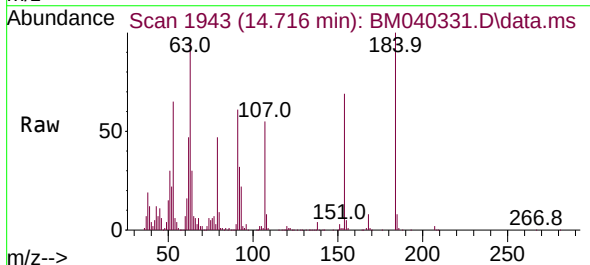
Instrument :
BNA_M
ClientSampleId :

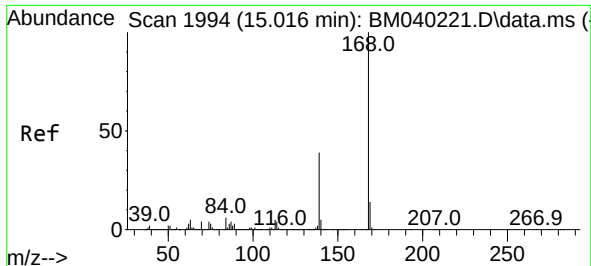
Tgt Ion:138 Resp: 332612
Ion Ratio Lower Upper
138 100
108 9.9 7.7 11.5
92 120.7 90.3 135.5



#54
2,4-Dinitrophenol
Concen: 37.919 ng
RT: 14.716 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:184 Resp: 143842
Ion Ratio Lower Upper
184 100
63 94.7 63.8 95.8
154 69.3 52.6 79.0

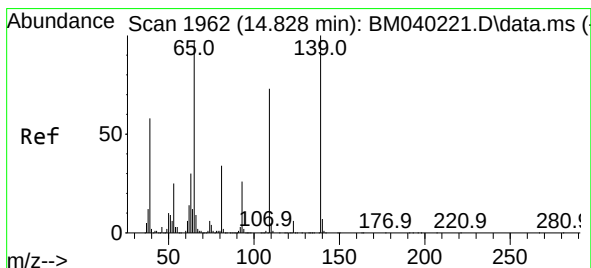
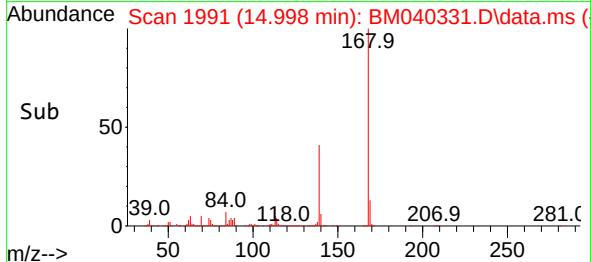
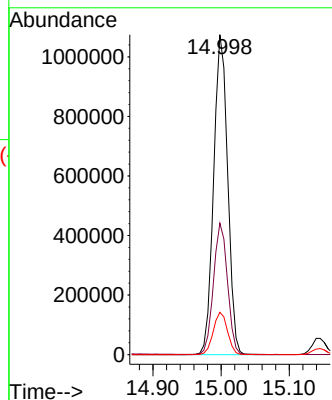
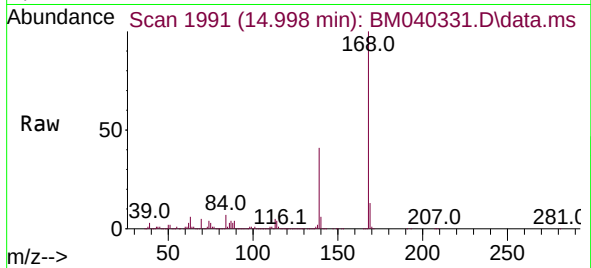




#55
Dibenzofuran
Concen: 40.765 ng
RT: 14.998 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

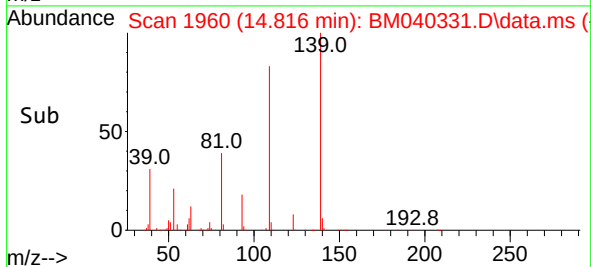
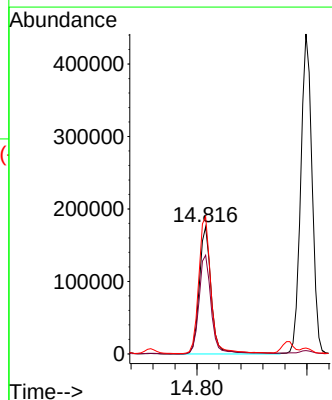
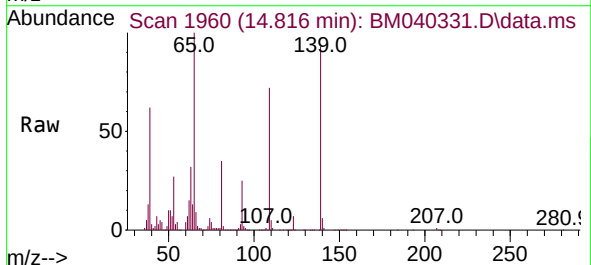
Instrument :
BNA_M
ClientSampleId :

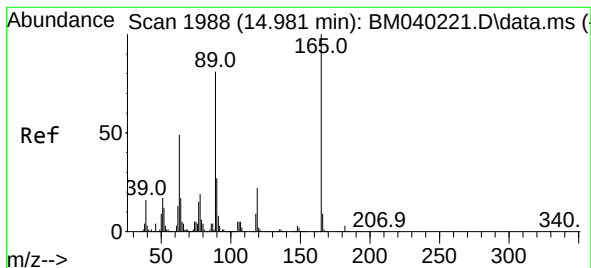
Tgt Ion:168 Resp: 1533900
Ion Ratio Lower Upper
168 100
139 41.1 31.2 46.8
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 44.160 ng
RT: 14.816 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

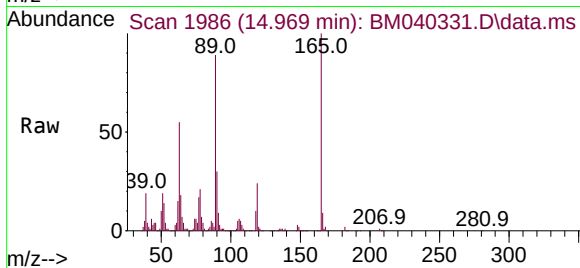
Tgt Ion:139 Resp: 265490
Ion Ratio Lower Upper
139 100
109 77.6 53.1 93.1
65 108.1 77.4 117.4



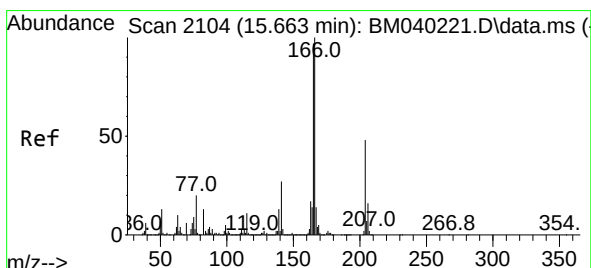
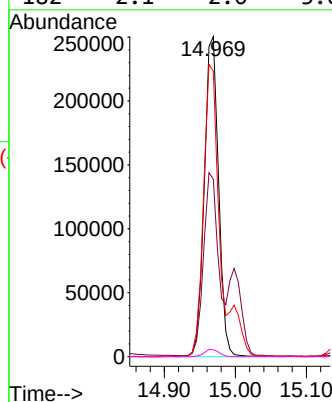
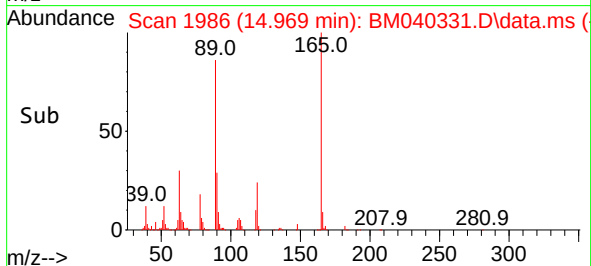


#57
2,4-Dinitrotoluene
Concen: 39.724 ng
RT: 14.969 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Instrument :
BNA_M
ClientSampleId :

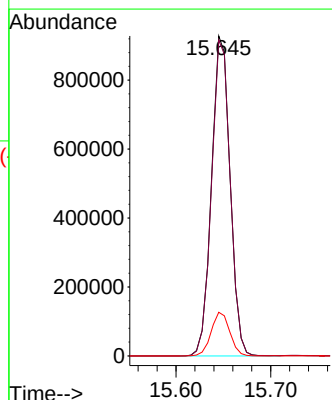
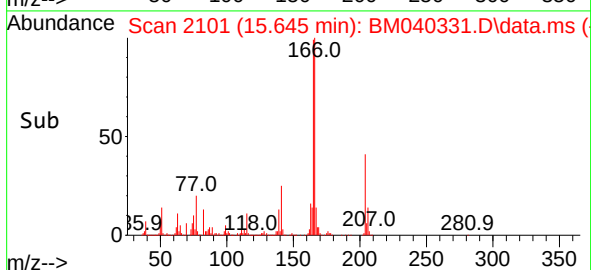
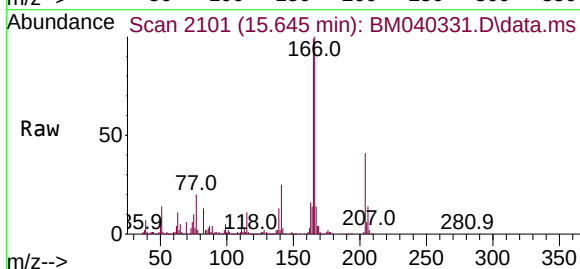


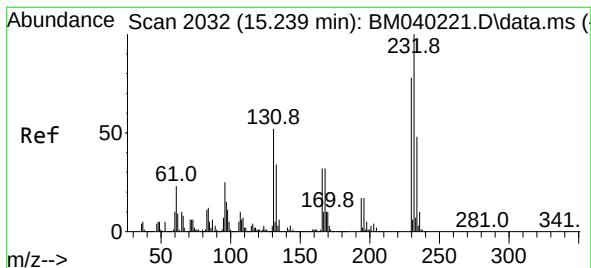
Tgt Ion:165 Resp: 346585
Ion Ratio Lower Upper
165 100
63 55.4 39.0 58.4
89 89.2 64.6 96.8
182 2.1 2.0 3.0



#58
Fluorene
Concen: 41.270 ng
RT: 15.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:166 Resp: 1264335
Ion Ratio Lower Upper
166 100
165 98.7 77.7 116.5
167 13.6 11.1 16.7



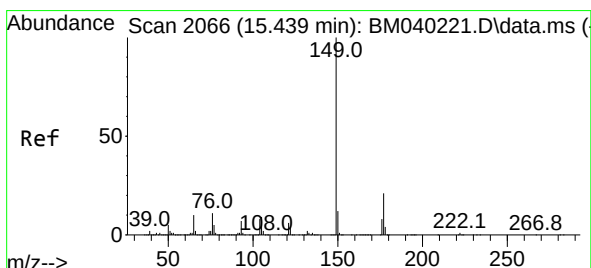
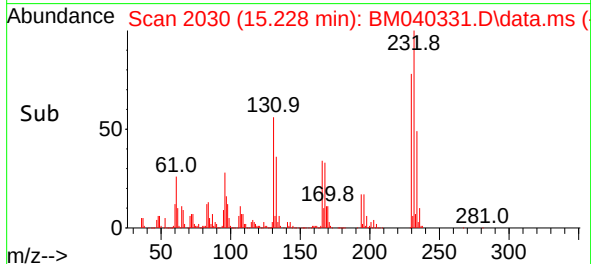
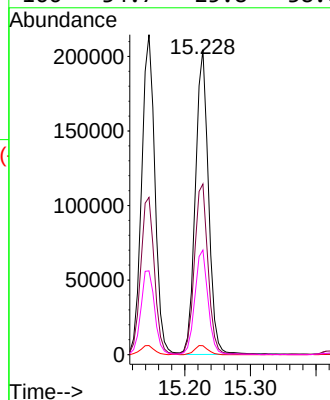
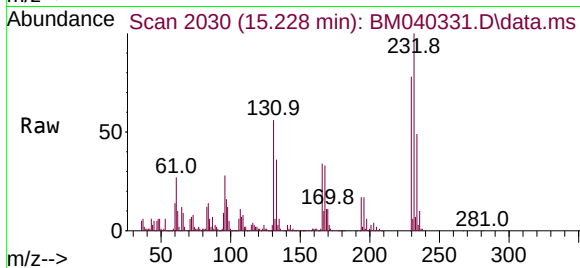


#59
2,3,4,6-Tetrachlorophenol
Concen: 37.901 ng
RT: 15.228 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 283175

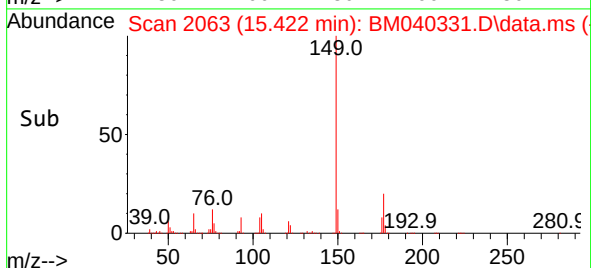
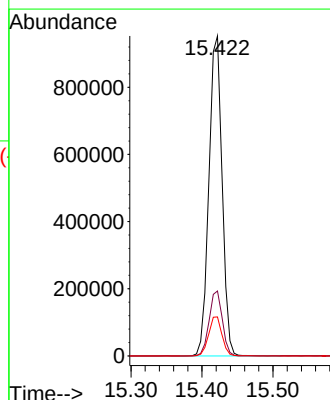
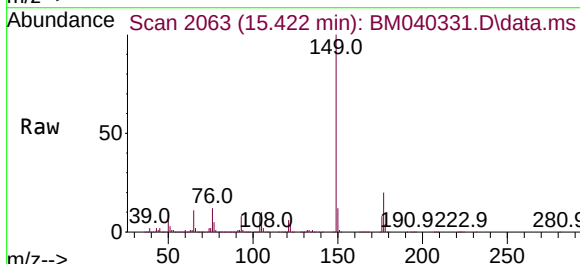
Ion	Ratio	Lower	Upper
232	100		
131	57.9	41.9	62.9
130	3.1	2.2	3.2
166	34.7	25.8	38.6

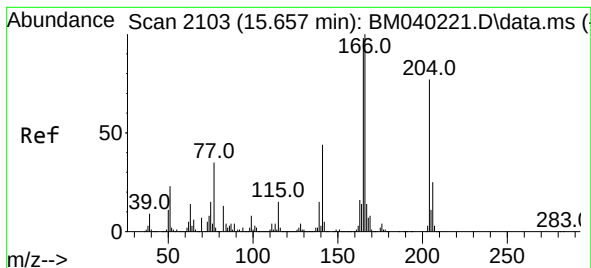


#60
Diethylphthalate
Concen: 37.418 ng
RT: 15.422 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:149 Resp: 1223386

Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.1	25.7
150	12.2	9.8	14.8

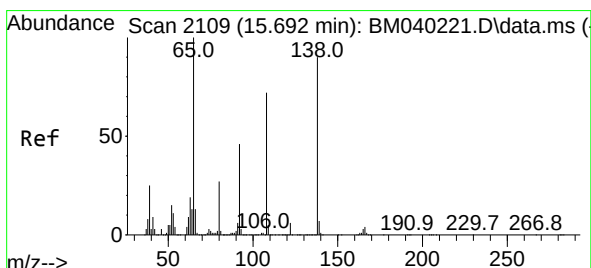
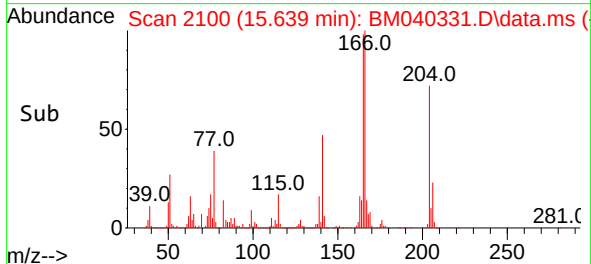
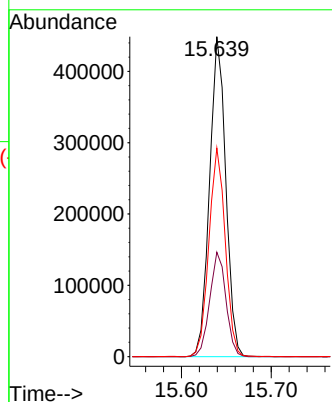
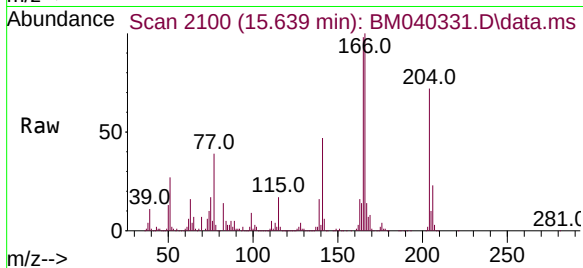




#61
4-Chlorophenyl-phenylether
Concen: 37.367 ng
RT: 15.639 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

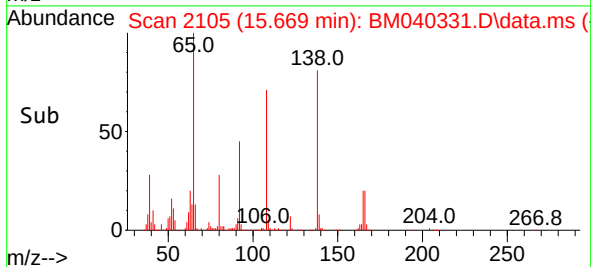
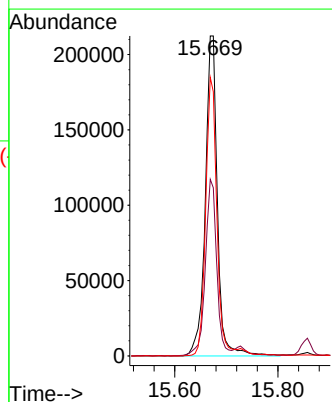
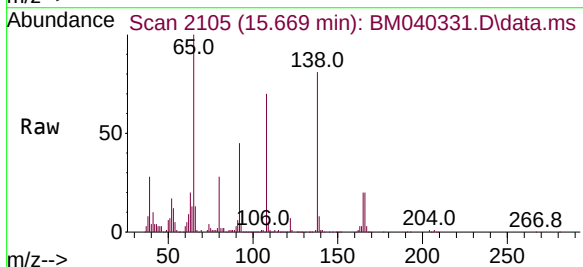
Instrument :
BNA_M
ClientSampleId :

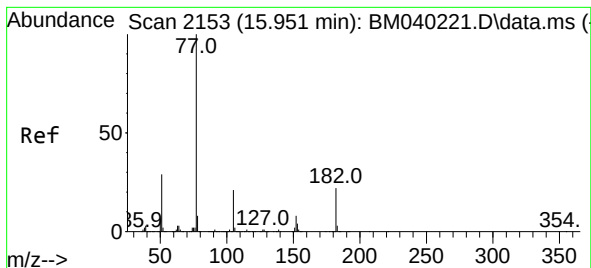
Tgt Ion:204 Resp: 563018
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 65.2 46.4 69.6



#62
4-Nitroaniline
Concen: 43.744 ng
RT: 15.669 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:138 Resp: 345730
Ion Ratio Lower Upper
138 100
92 55.2 30.9 70.9
108 87.0 60.7 100.7





#63

Azobenzene

Concen: 42.140 ng

RT: 15.933 min Scan# 2153

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 1383596

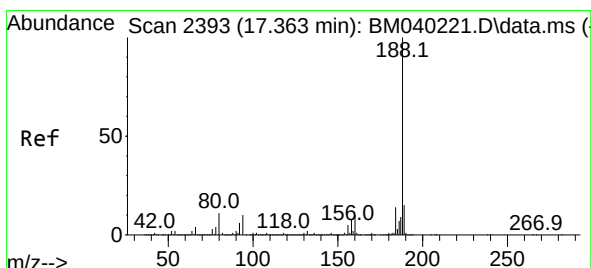
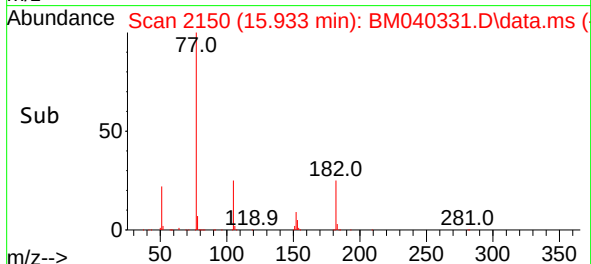
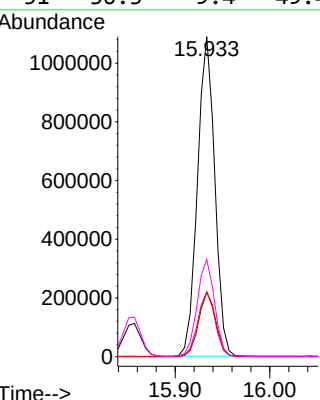
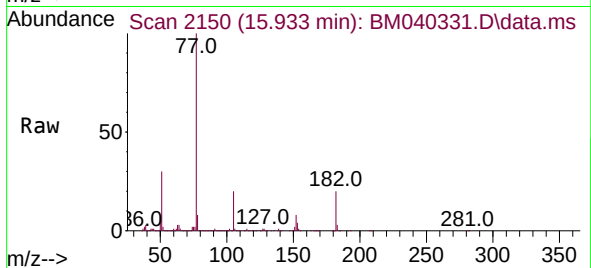
Ion Ratio Lower Upper

77 100

182 20.1 2.1 42.1

105 20.2 1.2 41.2

51 30.3 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

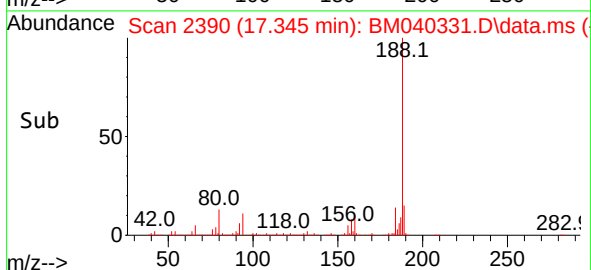
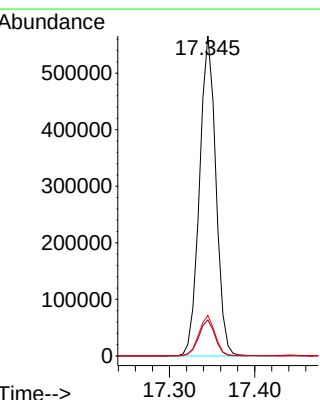
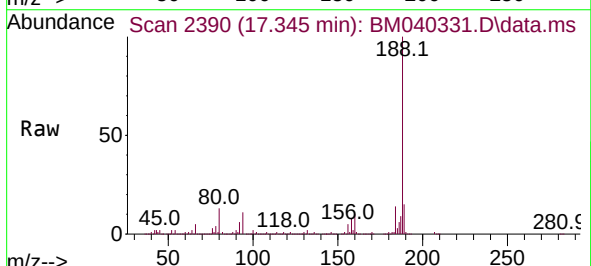
Tgt Ion:188 Resp: 756261

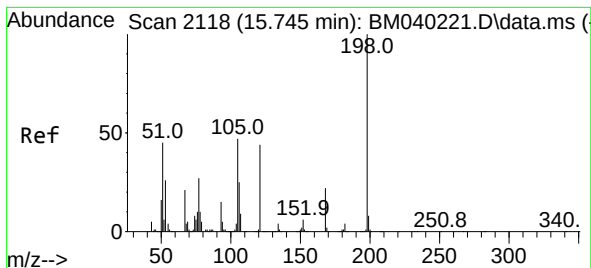
Ion Ratio Lower Upper

188 100

94 11.2 7.8 11.6

80 12.6 8.6 12.8

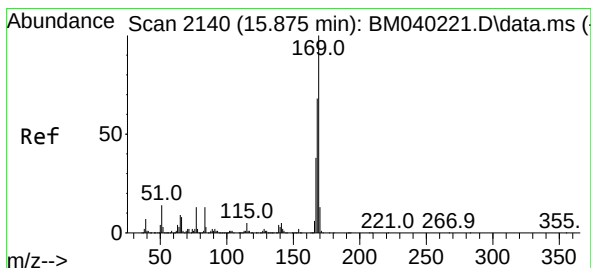
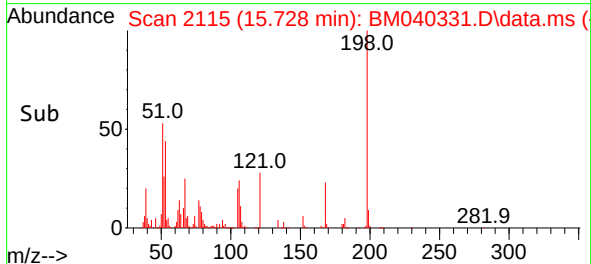
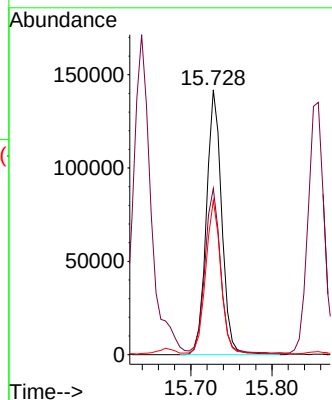
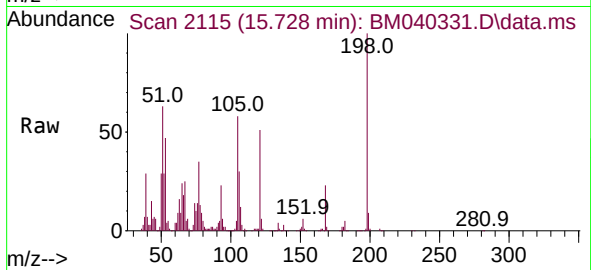




#65
4,6-Dinitro-2-methylphenol
Concen: 41.024 ng
RT: 15.728 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

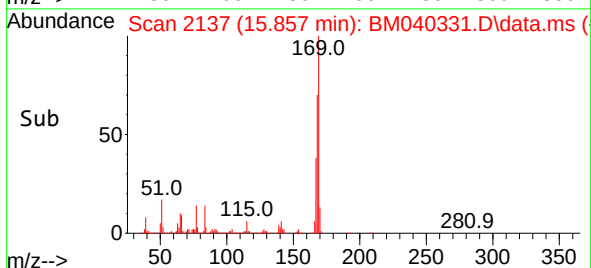
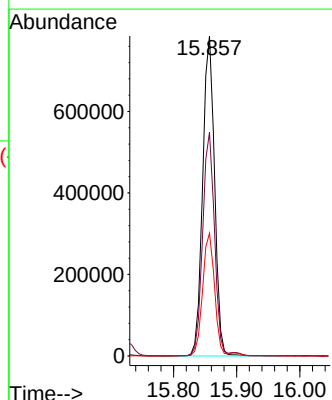
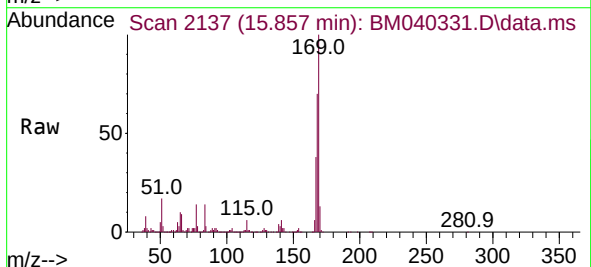
Instrument :
BNA_M
ClientSampleId :

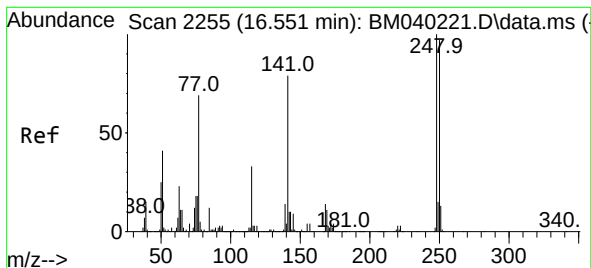
Tgt Ion:198 Resp: 186009
Ion Ratio Lower Upper
198 100
51 62.8 30.9 70.9
105 58.3 28.6 68.6



#66
n-Nitrosodiphenylamine
Concen: 42.797 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:169 Resp: 1021336
Ion Ratio Lower Upper
169 100
168 69.9 54.5 81.7
167 38.3 30.3 45.5

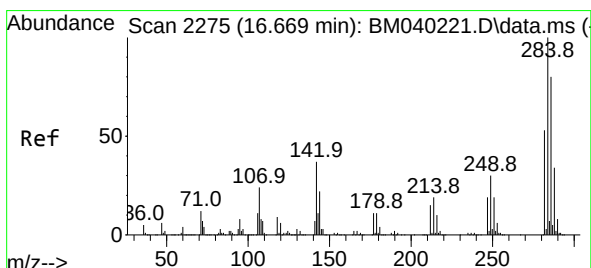
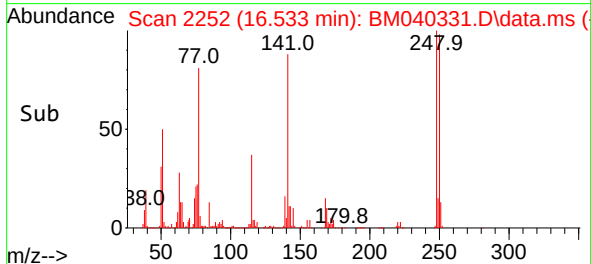
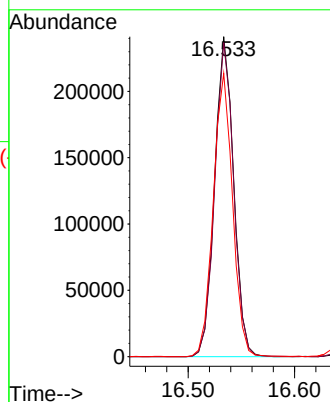
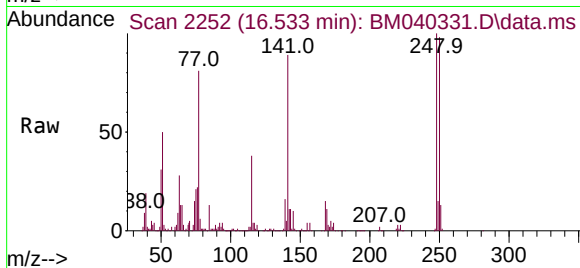




#67
4-Bromophenyl-phenylether
Concen: 37.894 ng
RT: 16.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

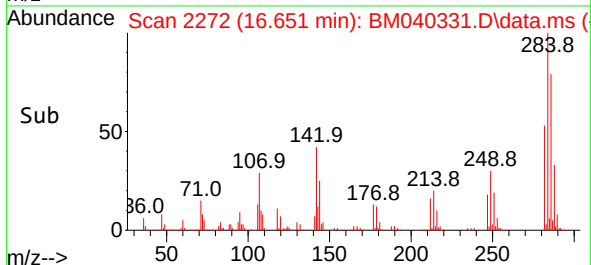
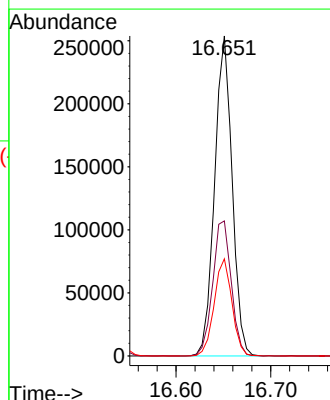
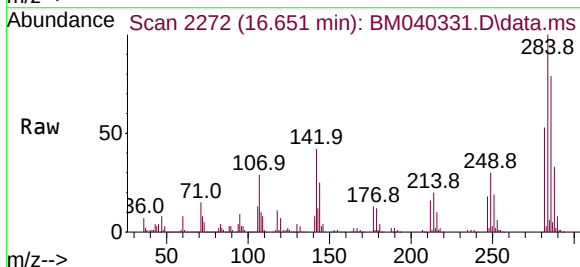
Instrument :
BNA_M
ClientSampleId :

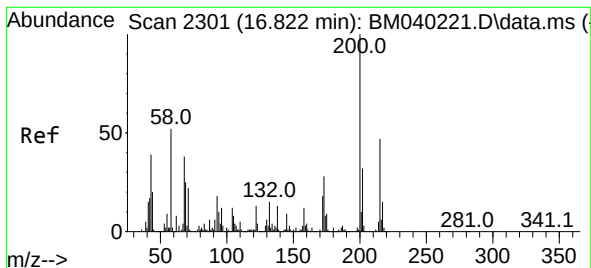
Tgt Ion:248 Resp: 300013
Ion Ratio Lower Upper
248 100
250 98.1 77.6 116.4
141 88.5 63.4 95.0



#68
Hexachlorobenzene
Concen: 37.275 ng
RT: 16.651 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:284 Resp: 325989
Ion Ratio Lower Upper
284 100
142 42.2 29.5 44.3
249 30.3 24.2 36.2





#69

Atrazine

Concen: 36.479 ng

RT: 16.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

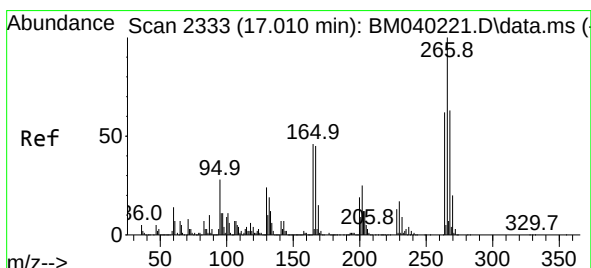
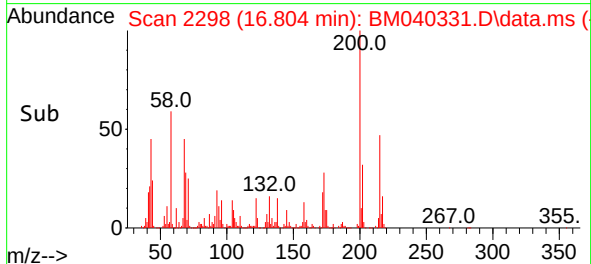
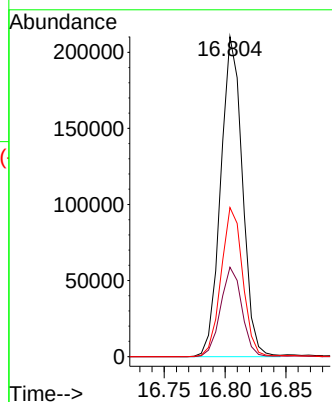
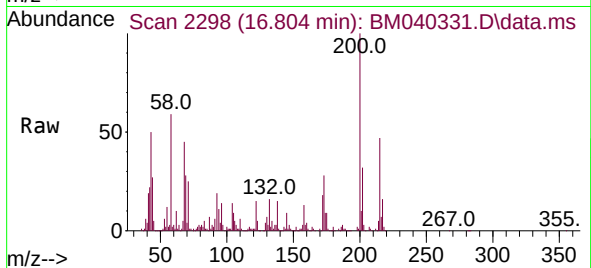
Tgt Ion:200 Resp: 260542

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

215 46.6 26.7 66.7



#70

Pentachlorophenol

Concen: 39.459 ng

RT: 16.998 min Scan# 2331

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

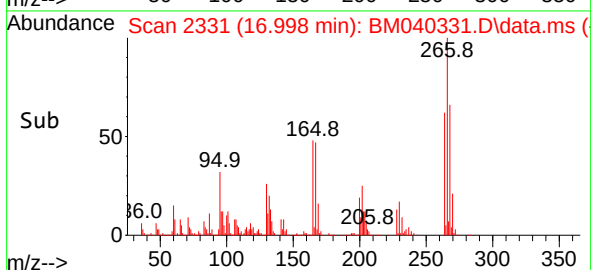
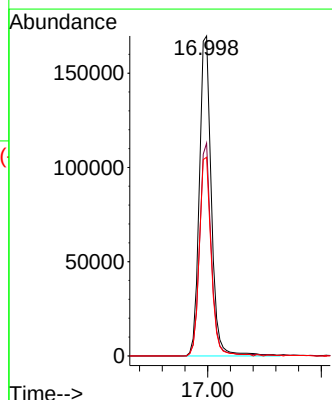
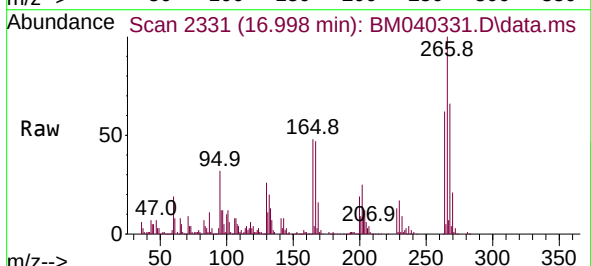
Tgt Ion:266 Resp: 247408

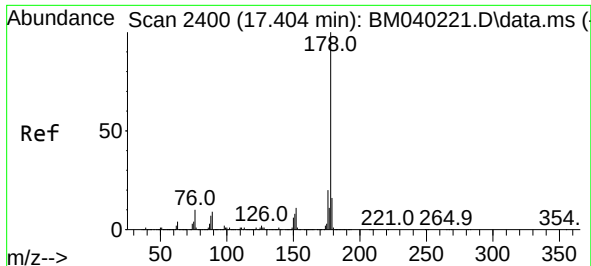
Ion Ratio Lower Upper

266 100

268 66.5 50.6 75.8

264 62.1 49.8 74.8

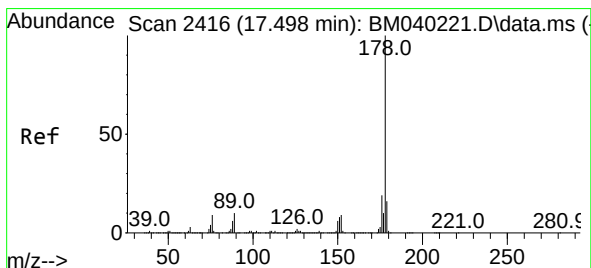
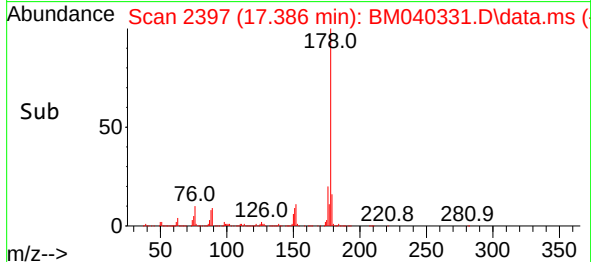
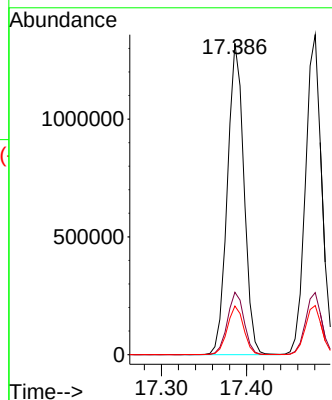
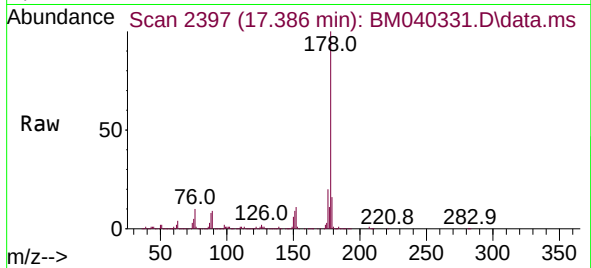




#71
Phenanthrene
Concen: 42.306 ng
RT: 17.386 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

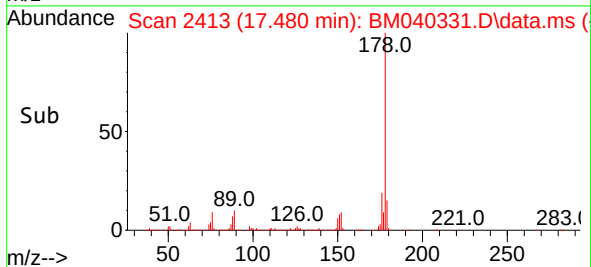
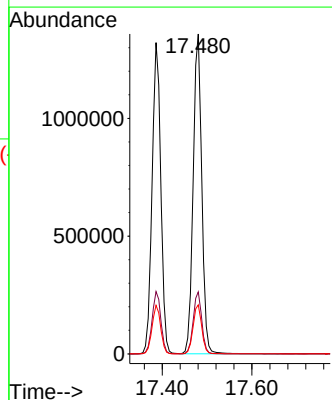
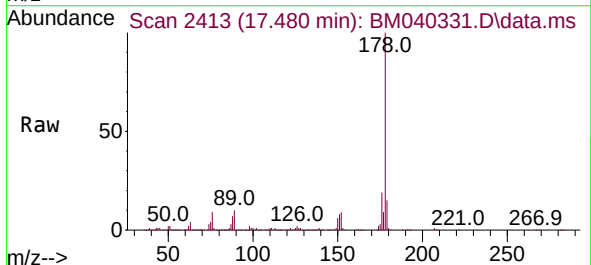
Instrument :
BNA_M
ClientSampleId :

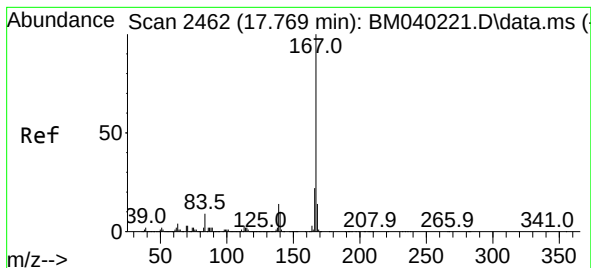
Tgt Ion:178 Resp: 1780332
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.6 12.6 18.8



#72
Anthracene
Concen: 42.562 ng
RT: 17.480 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:178 Resp: 1808659
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 43.479 ng

RT: 17.751 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

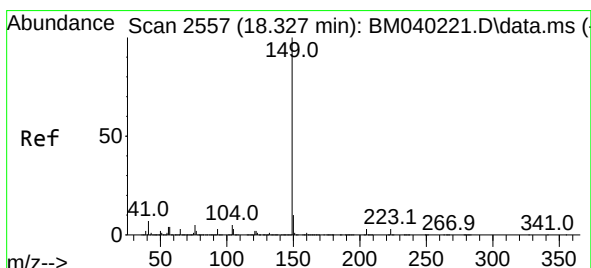
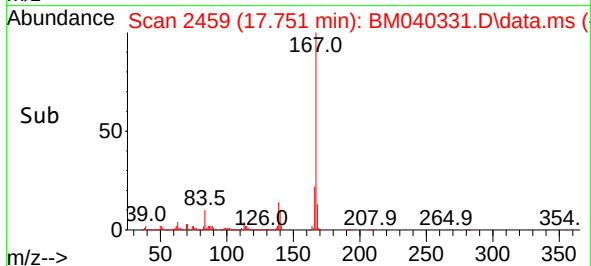
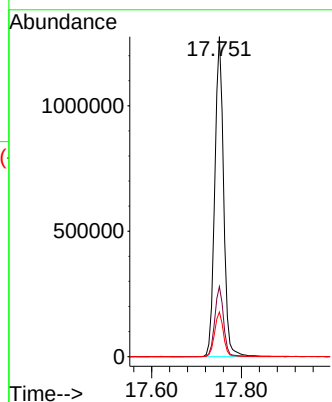
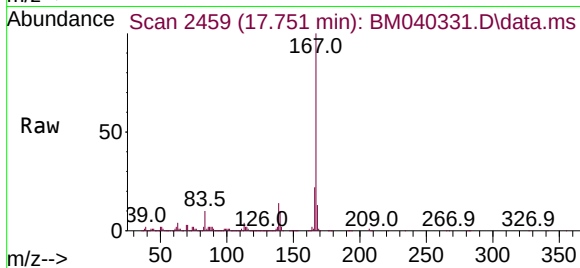
Tgt Ion:167 Resp: 1738377

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 13.9 10.8 16.2



#74

Di-n-butylphthalate

Concen: 39.157 ng

RT: 18.310 min Scan# 2554

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

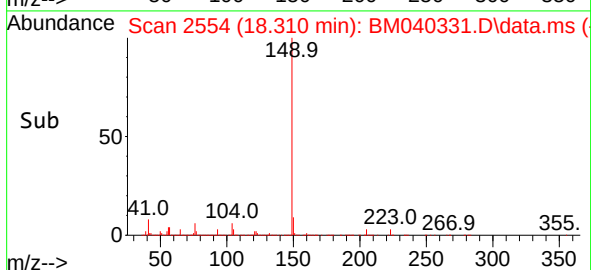
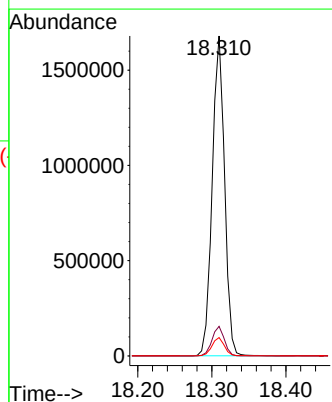
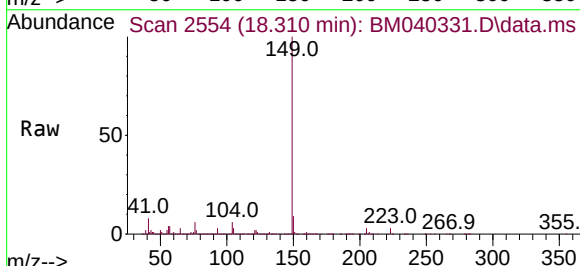
Tgt Ion:149 Resp: 1941790

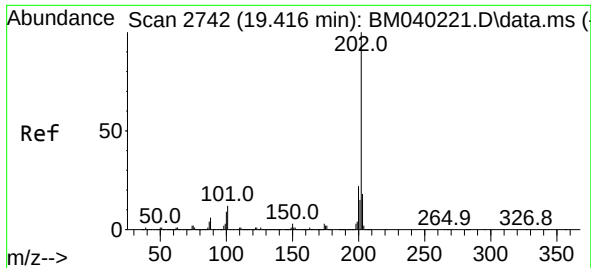
Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

104 5.7 4.3 6.5

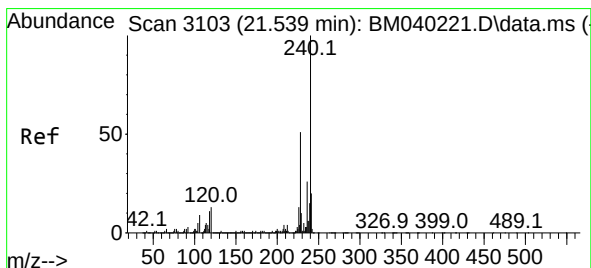
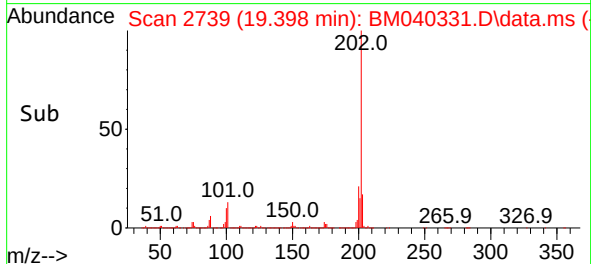
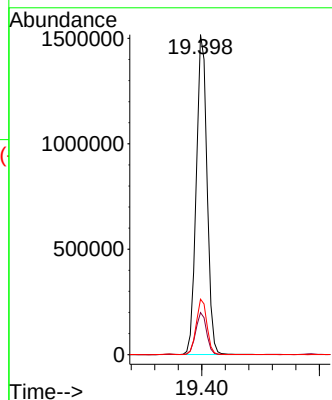
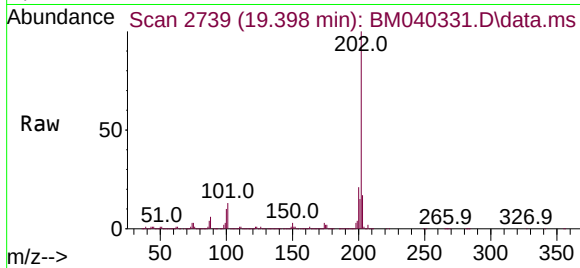




#75
Fluoranthene
Concen: 41.254 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

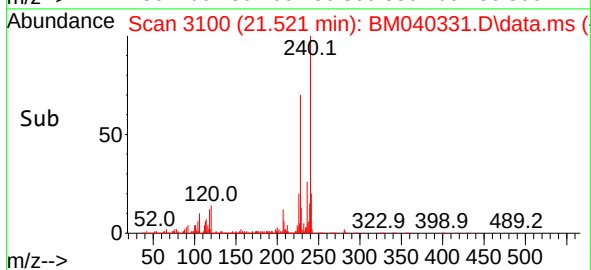
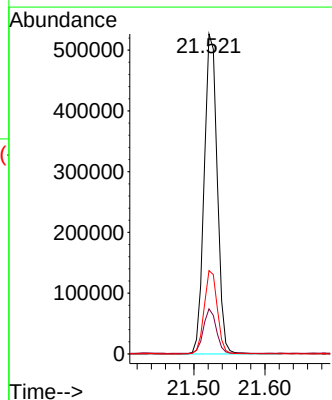
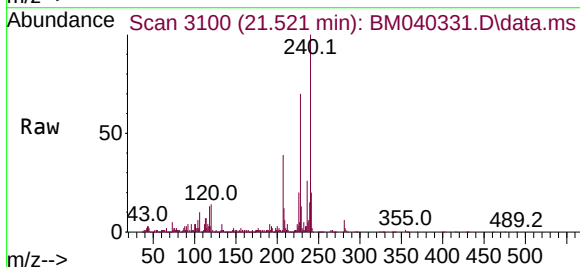
Instrument :
BNA_M
ClientSampleId :

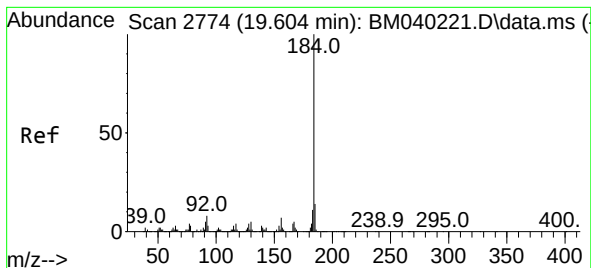
Tgt Ion:202 Resp: 1924147
Ion Ratio Lower Upper
202 100
101 13.1 0.0 32.5
203 17.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM040331.D
Acq: 21 Jun 2023 12:39

Tgt Ion:240 Resp: 669073
Ion Ratio Lower Upper
240 100
120 14.1 10.1 15.1
236 26.0 21.0 31.4





#77

Benzidine

Concen: 45.769 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

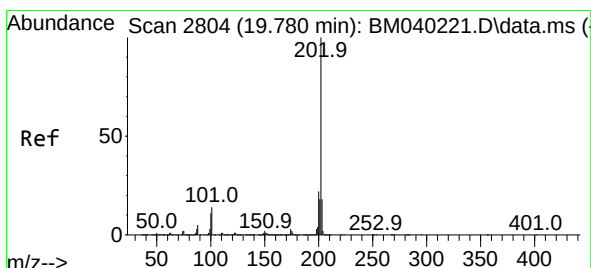
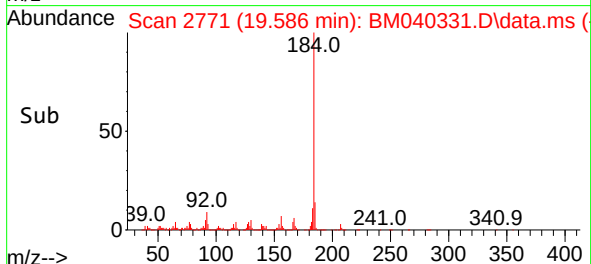
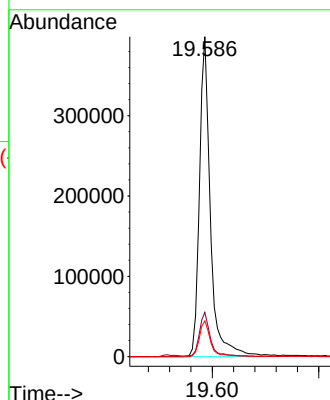
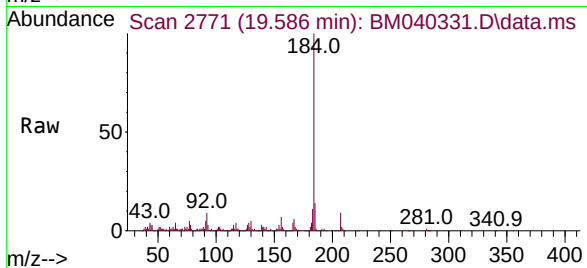
Tgt Ion:184 Resp: 568691

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

183 11.2 9.2 13.8



#78

Pyrene

Concen: 44.106 ng

RT: 19.763 min Scan# 2801

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

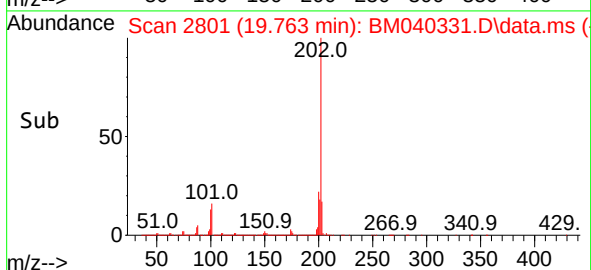
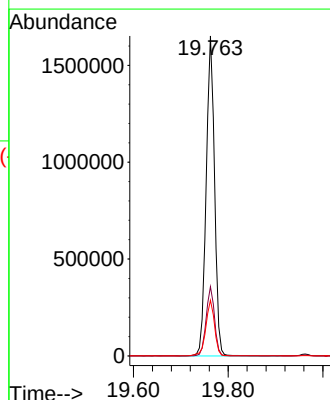
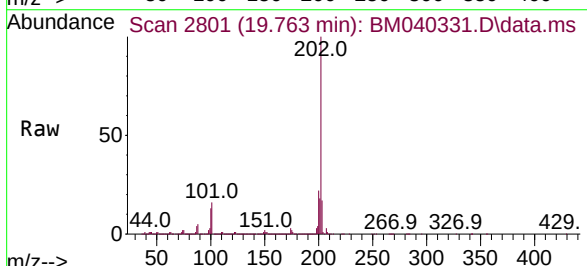
Tgt Ion:202 Resp: 2024272

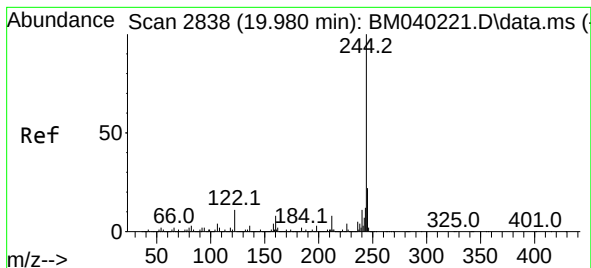
Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.8

203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 90.772 ng

RT: 19.963 min Scan# 2835

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

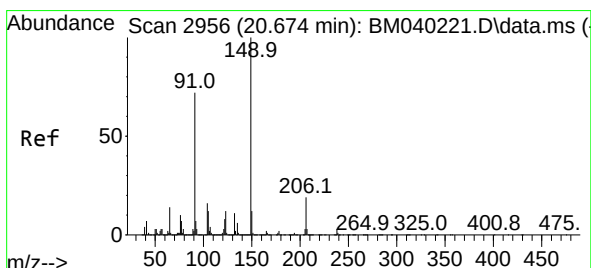
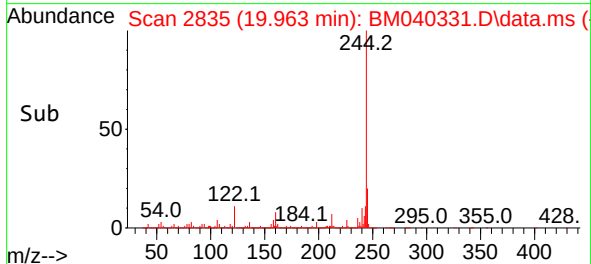
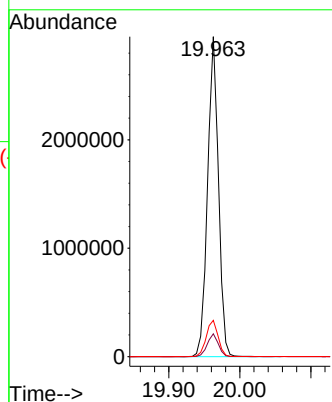
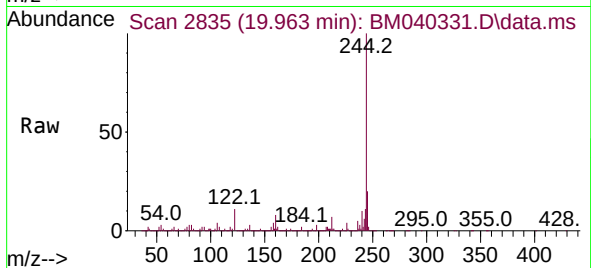
Tgt Ion:244 Resp: 3125608

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 11.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 40.714 ng

RT: 20.657 min Scan# 2953

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

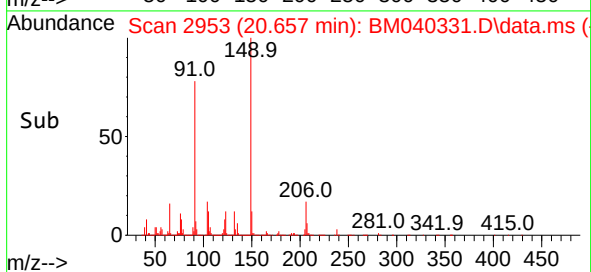
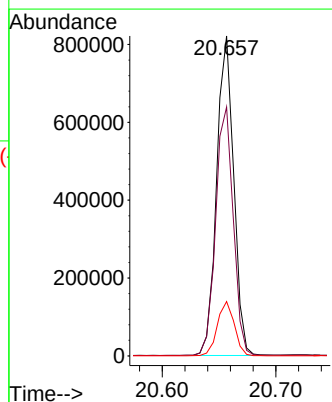
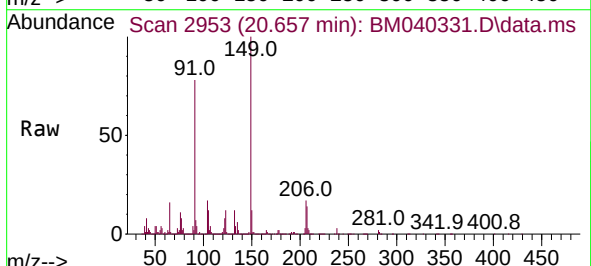
Tgt Ion:149 Resp: 855827

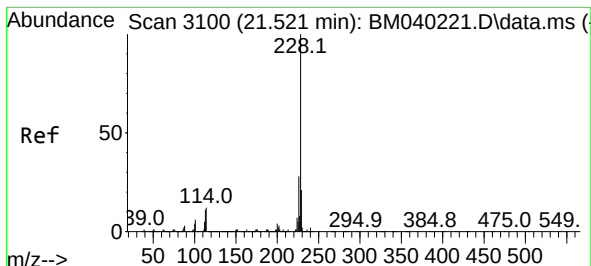
Ion Ratio Lower Upper

149 100

91 77.8 58.0 87.0

206 17.0 15.5 23.3





#81

Benzo(a)anthracene

Concen: 41.656 ng

RT: 21.510 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

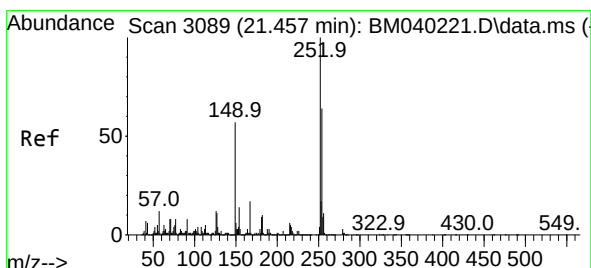
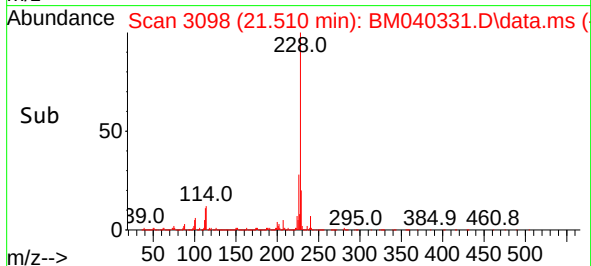
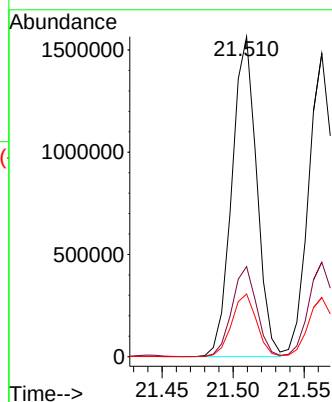
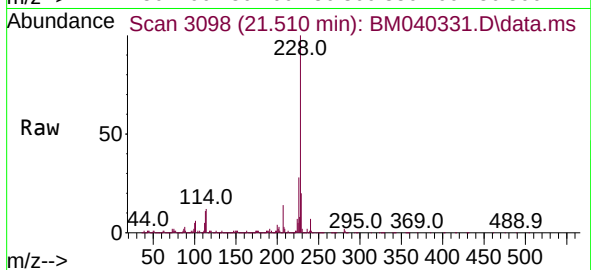
Tgt Ion:228 Resp: 1898826

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 19.6 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 37.983 ng

RT: 21.439 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

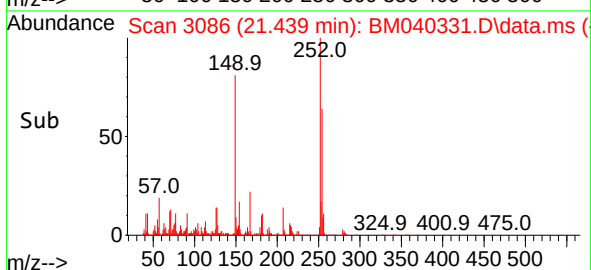
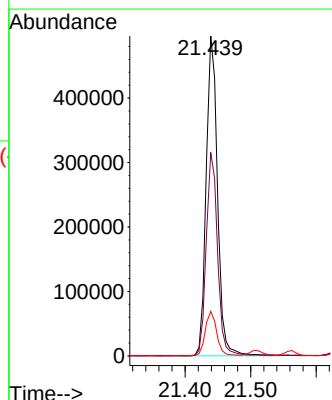
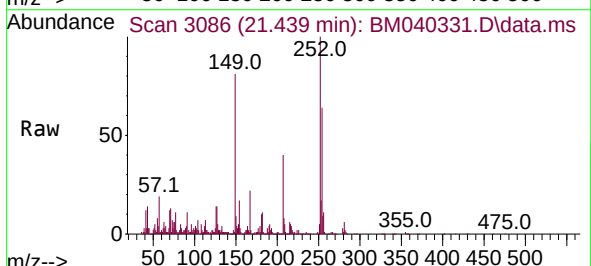
Tgt Ion:252 Resp: 592957

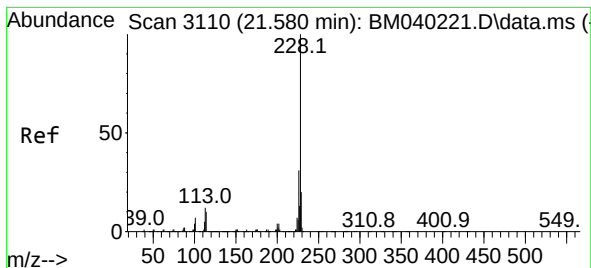
Ion Ratio Lower Upper

252 100

254 63.6 51.6 77.4

126 13.9 9.4 14.0





#83

Chrysene

Concen: 42.087 ng

RT: 21.562 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

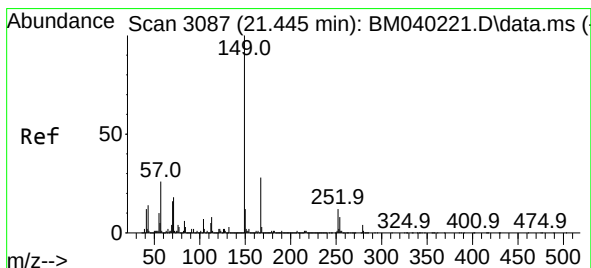
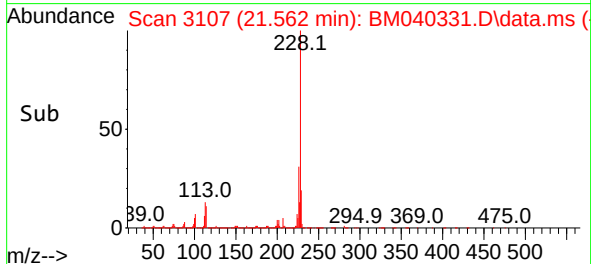
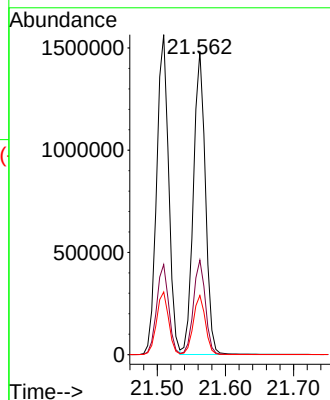
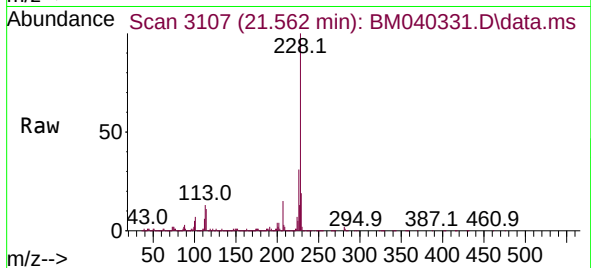
Tgt Ion:228 Resp: 1815411

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

229 19.5 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.955 ng

RT: 21.427 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

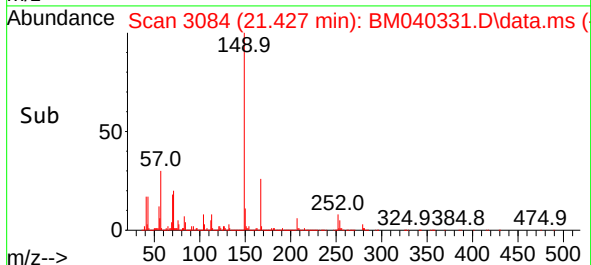
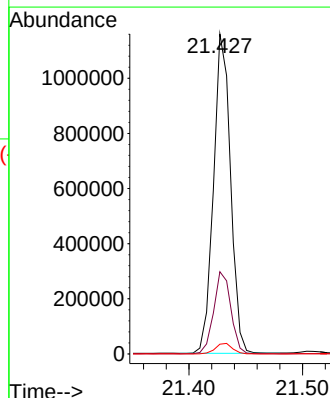
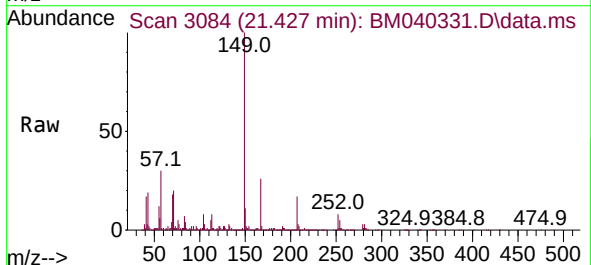
Tgt Ion:149 Resp: 1207402

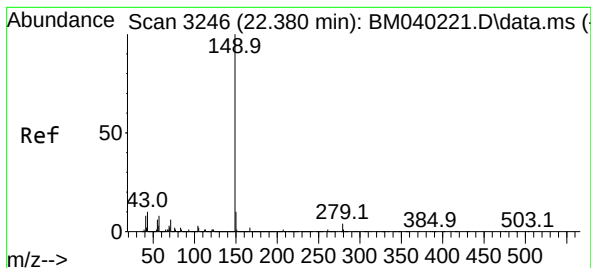
Ion Ratio Lower Upper

149 100

167 25.7 22.2 33.4

279 3.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 37.791 ng

RT: 22.362 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

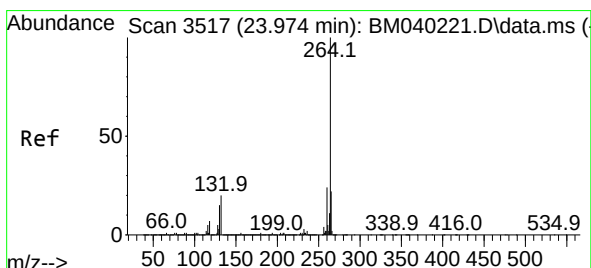
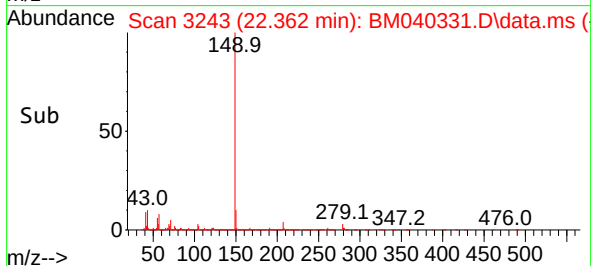
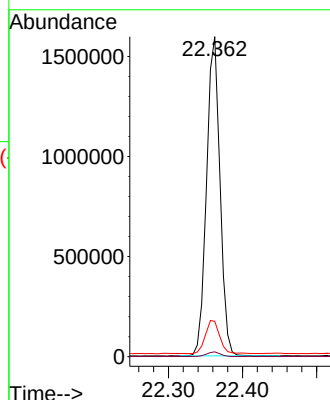
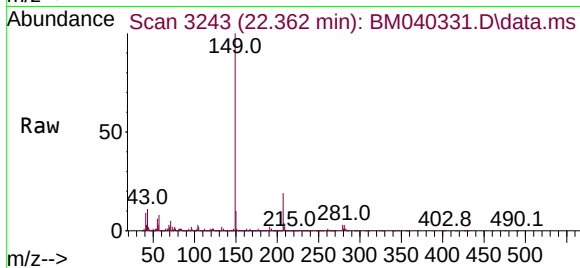
Tgt Ion:149 Resp: 2008078

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.945 min Scan# 3512

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

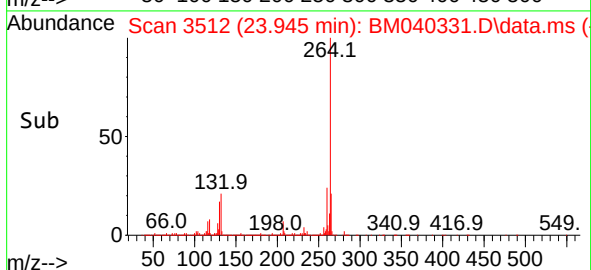
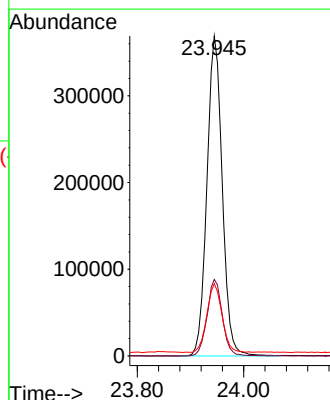
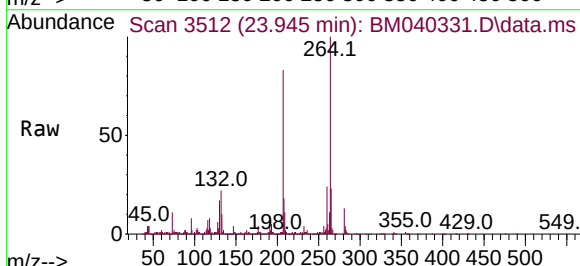
Tgt Ion:264 Resp: 737530

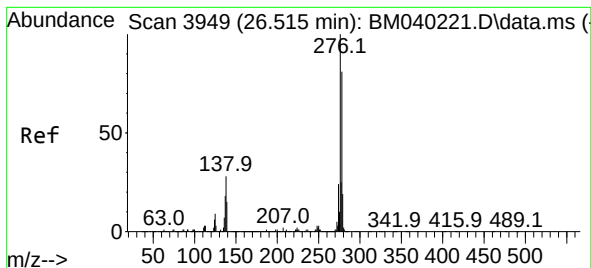
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.520 ng

RT: 26.468 min Scan# 3949

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

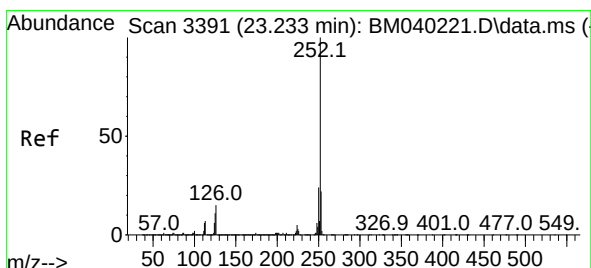
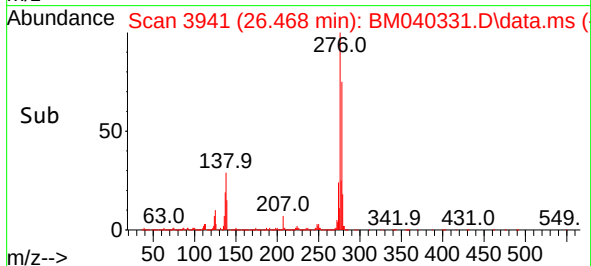
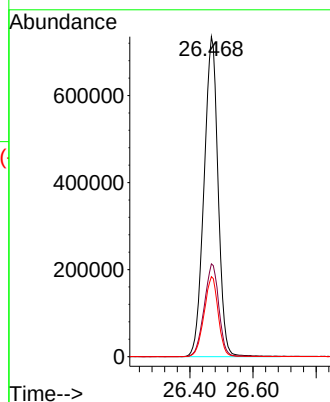
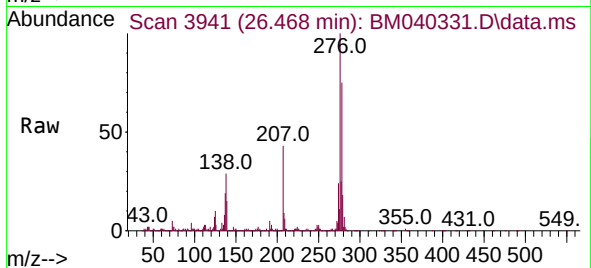
Tgt Ion:276 Resp: 2272681

Ion Ratio Lower Upper

276 100

138 30.2 22.7 34.1

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 42.033 ng

RT: 23.209 min Scan# 3387

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

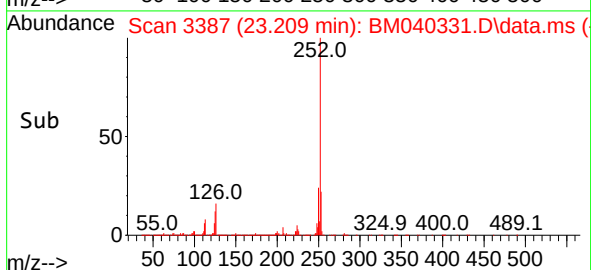
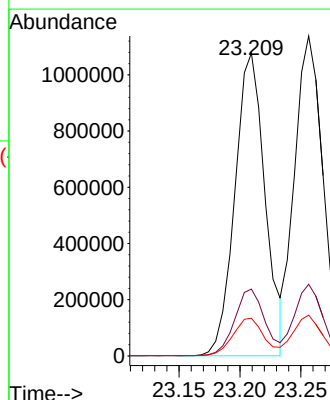
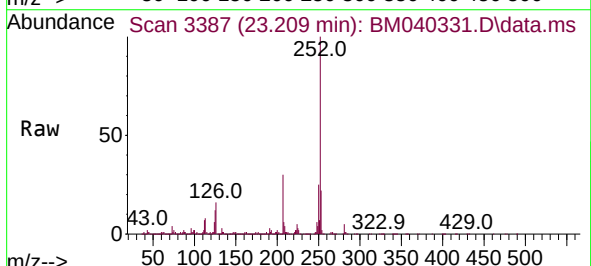
Tgt Ion:252 Resp: 1855570

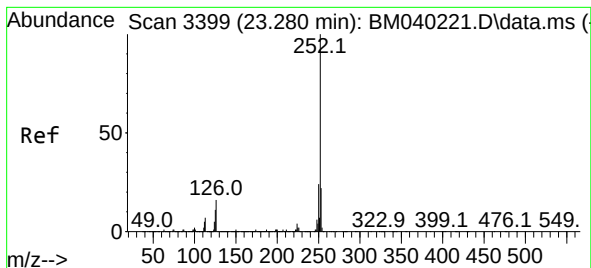
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 12.4 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 40.778 ng

RT: 23.256 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

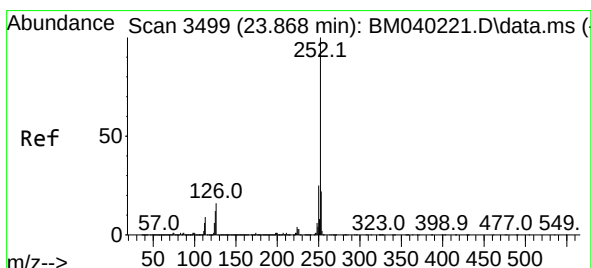
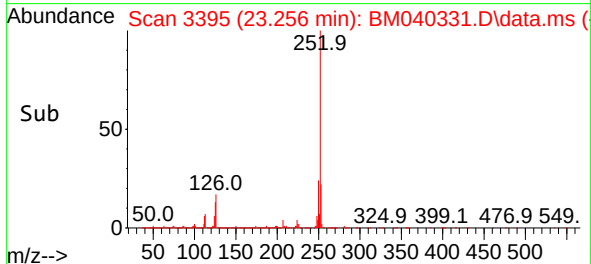
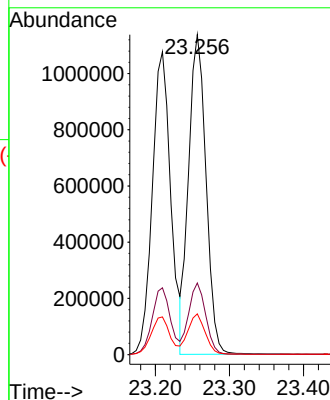
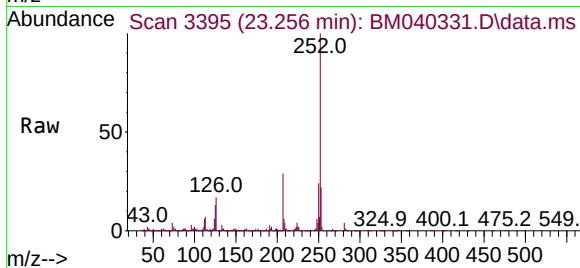
Tgt Ion:252 Resp: 1851368

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 12.7 9.1 13.7



#90

Benzo(a)pyrene

Concen: 43.119 ng

RT: 23.839 min Scan# 3494

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

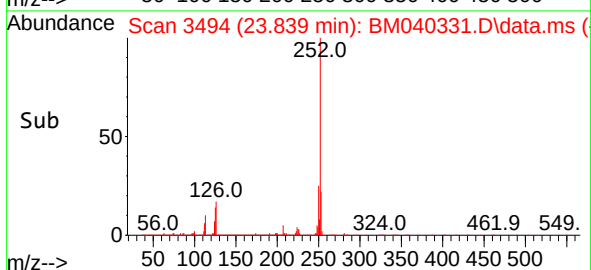
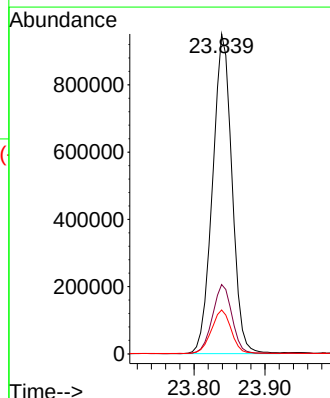
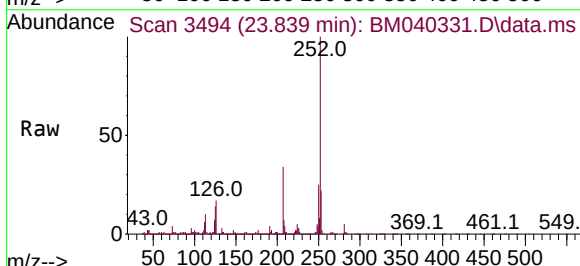
Tgt Ion:252 Resp: 1805727

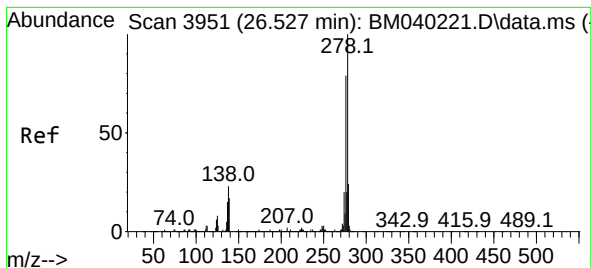
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 13.7 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 45.141 ng

RT: 26.480 min Scan# 39

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Instrument :

BNA_M

ClientSampleId :

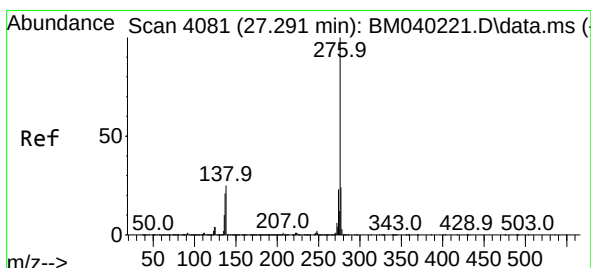
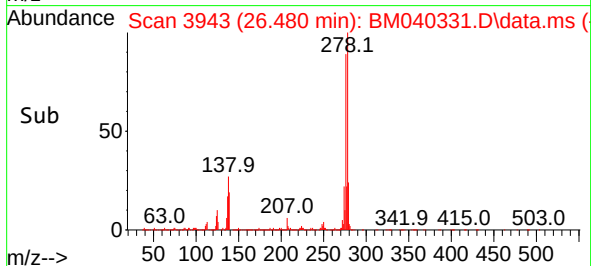
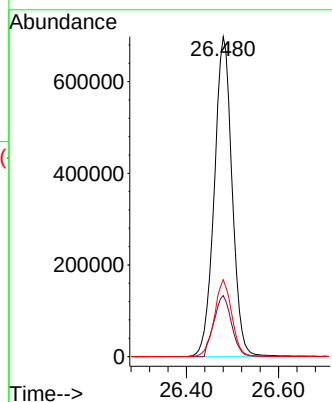
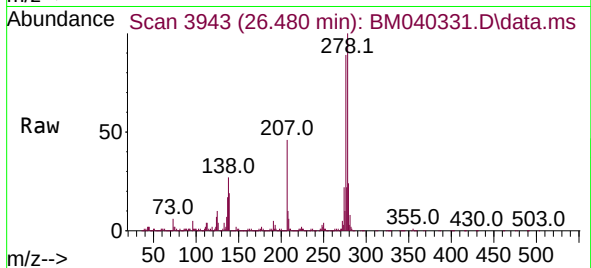
Tgt Ion:278 Resp: 1875463

Ion Ratio Lower Upper

278 100

139 19.1 13.8 20.6

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 47.300 ng

RT: 27.239 min Scan# 4072

Delta R.T. 0.000 min

Lab File: BM040331.D

Acq: 21 Jun 2023 12:39

Tgt Ion:276 Resp: 1758861

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 26.6 19.8 29.6

