

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
 Data File : BM040228.D
 Acq On : 13 Jun 2023 16:54
 Operator : MA/JU
 Sample : PB153264BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153264BSD

Quant Time: Jun 13 22:55:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 22:36:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	537194	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	2447325	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	1439594	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2739866	20.000	ng	0.00
76) Chrysene-d12	21.539	240	2036482	20.000	ng	0.00
86) Perylene-d12	23.974	264	1653517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	3389043	97.815	ng	0.00
7) Phenol-d6	7.145	99	4334315	91.757	ng	0.00
23) Nitrobenzene-d5	9.151	82	3948719	84.487	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1561379	77.749	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	8767269	83.594	ng	0.00
79) Terphenyl-d14	19.980	244	11329068	108.095	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	448668	32.424	ng	98
3) Pyridine	3.799	79	1203547	30.414	ng	99
4) n-Nitrosodimethylamine	3.705	42	721992	40.696	ng	98
6) Aniline	7.304	93	1873100	32.307	ng	99
8) 2-Chlorophenol	7.540	128	1841023	49.933	ng	99
9) Benzaldehyde	7.110	77	165662	6.314	ng	99
10) Phenol	7.169	94	2372090	51.329	ng	98
11) bis(2-Chloroethyl)ether	7.398	93	1685194	43.974	ng	100
12) 1,3-Dichlorobenzene	7.869	146	1702805	44.733	ng	98
13) 1,4-Dichlorobenzene	8.016	146	1751507	45.448	ng	99
14) 1,2-Dichlorobenzene	8.334	146	1713689	45.478	ng	98
15) Benzyl Alcohol	8.222	79	1621176	47.853	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	2351013	44.447	ng	100
17) 2-Methylphenol	8.428	107	1600371	47.210	ng	99
18) Hexachloroethane	9.069	117	654946	46.065	ng	98
19) n-Nitroso-di-n-propyla...	8.798	70	1386472	43.697	ng	99
20) 3+4-Methylphenols	8.757	107	2191396	47.259	ng	98
22) Acetophenone	8.810	105	2720467	42.705	ng	# 99
24) Nitrobenzene	9.192	77	2003265	41.762	ng	98
25) Isophorone	9.722	82	3740293	41.188	ng	99
26) 2-Nitrophenol	9.904	139	942473	45.975	ng	99
27) 2,4-Dimethylphenol	9.969	122	1829671	47.998	ng	99
28) bis(2-Chloroethoxy)met...	10.204	93	2412219	42.261	ng	99
29) 2,4-Dichlorophenol	10.439	162	1727558	47.837	ng	99
30) 1,2,4-Trichlorobenzene	10.657	180	1584635	43.058	ng	99
31) Naphthalene	10.845	128	5424873	41.259	ng	100
32) Benzoic acid	10.134	122	1353843	45.348	ng	98
33) 4-Chloroaniline	10.957	127	872689	14.839	ng	100
34) Hexachlorobutadiene	11.128	225	860254	41.580	ng	100
35) Caprolactam	11.757	113	281730	22.386	ng	98
36) 4-Chloro-3-methylphenol	12.080	107	1872879	44.709	ng	100
37) 2-Methylnaphthalene	12.451	142	3728991	40.003	ng	98
38) 1-Methylnaphthalene	12.669	142	3531989	40.117	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	1792644	44.782	ng	99
41) Hexachlorocyclopentadiene	12.798	237	2449377	111.233	ng	98
43) 2,4,6-Trichlorophenol	13.057	196	1285053	46.293	ng	98

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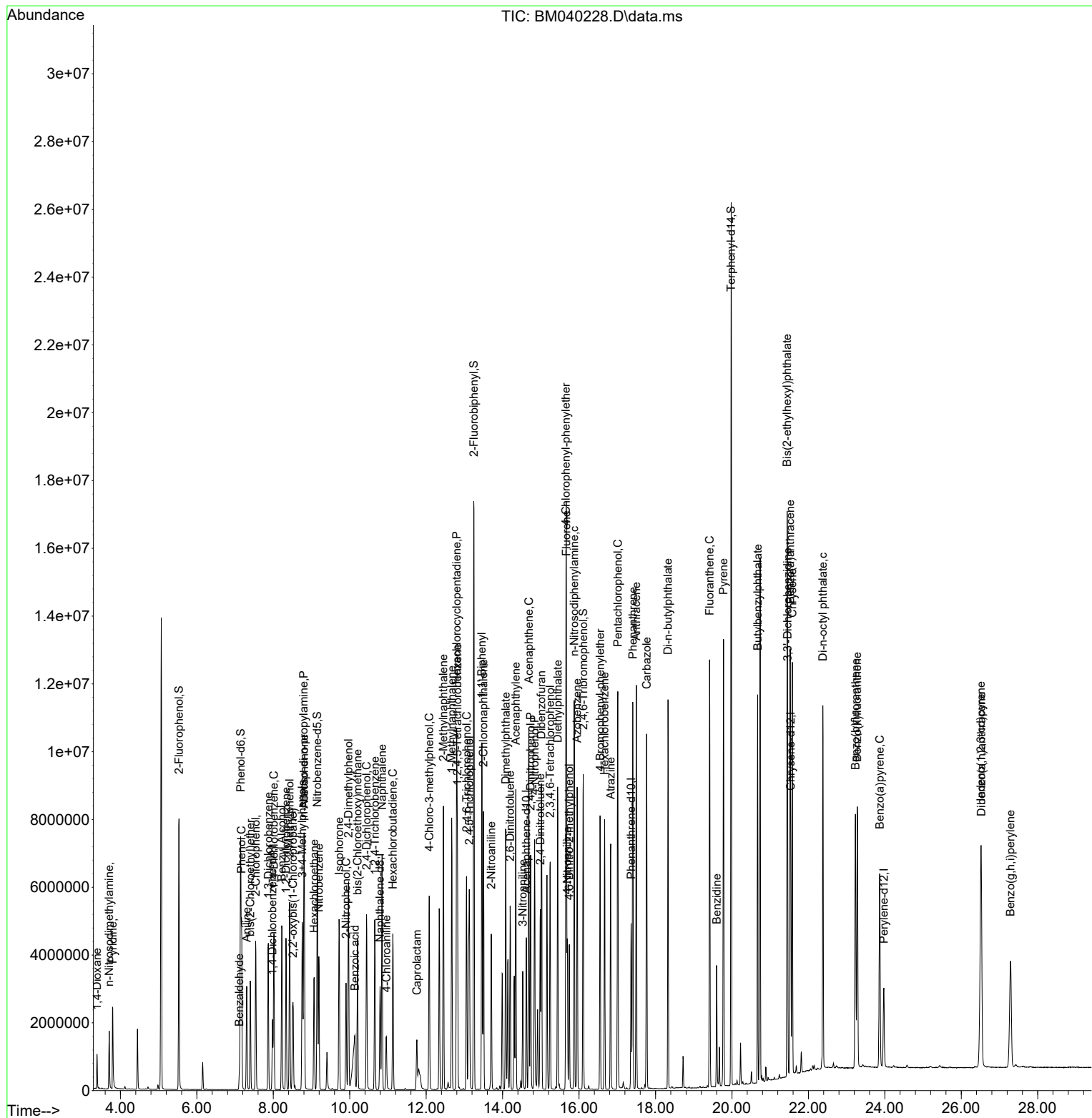
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	1414656	42.780	ng	99
46) 1,1'-Biphenyl	13.457	154	4922212	43.318	ng	100
47) 2-Chloronaphthalene	13.498	162	3700510	43.976	ng	99
48) 2-Nitroaniline	13.704	65	1228606	44.290	ng	98
49) Acenaphthylene	14.345	152	5929578	42.244	ng	99
50) Dimethylphthalate	14.080	163	4661120	40.689	ng	99
51) 2,6-Dinitrotoluene	14.198	165	1002761	43.022	ng	98
52) Acenaphthene	14.686	154	3582026	41.829	ng	100
53) 3-Nitroaniline	14.527	138	842015	30.407	ng	98
54) 2,4-Dinitrophenol	14.733	184	1297375	86.630	ng	94
55) Dibenzofuran	15.016	168	5540024	40.896	ng	100
56) 4-Nitrophenol	14.839	139	1957798	90.453	ng	99
57) 2,4-Dinitrotoluene	14.986	165	1356849	43.197	ng	97
58) Fluorene	15.668	166	4534576	41.114	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.245	232	1178434	43.811	ng	99
60) Diethylphthalate	15.439	149	4771112	40.534	ng	100
61) 4-Chlorophenyl-phenylether	15.657	204	2280489	42.041	ng	98
62) 4-Nitroaniline	15.692	138	1124233	39.510	ng	98
63) Azobenzene	15.951	77	4883959	41.318	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	772620	47.034	ng	99
66) n-Nitrosodiphenylamine	15.874	169	3894563	45.045	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	1281187	44.667	ng	100
68) Hexachlorobenzene	16.668	284	1473755	46.514	ng	100
69) Atrazine	16.827	200	1154868	44.632	ng	98
70) Pentachlorophenol	17.015	266	2009801	88.476	ng	99
71) Phenanthrene	17.410	178	6572428	43.109	ng	100
72) Anthracene	17.498	178	6669061	43.318	ng	99
73) Carbazole	17.768	167	6151074	42.465	ng	100
74) Di-n-butylphthalate	18.327	149	7830023	43.582	ng	100
75) Fluoranthene	19.415	202	6784751	40.151	ng	100
77) Benzidine	19.603	184	1897539	50.174	ng	99
78) Pyrene	19.780	202	7092968	50.775	ng	100
80) Butylbenzylphthalate	20.674	149	3127524	48.882	ng	100
81) Benzo(a)anthracene	21.527	228	6169726	44.469	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1853819	39.015	ng	100
83) Chrysene	21.580	228	5593651	42.605	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	4520108	46.683	ng	100
85) Di-n-octyl phthalate	22.380	149	7085900	43.812	ng	100
87) Indeno(1,2,3-cd)pyrene	26.515	276	4981744	45.483	ng	99
88) Benzo(b)fluoranthene	23.233	252	5086398	51.391	ng	100
89) Benzo(k)fluoranthene	23.280	252	5059507	49.707	ng	100
90) Benzo(a)pyrene	23.868	252	4131498	44.004	ng	99
91) Dibenzo(a,h)anthracene	26.527	278	4259926	45.734	ng	99
92) Benzo(g,h,i)perylene	27.291	276	3873110	46.458	ng	98

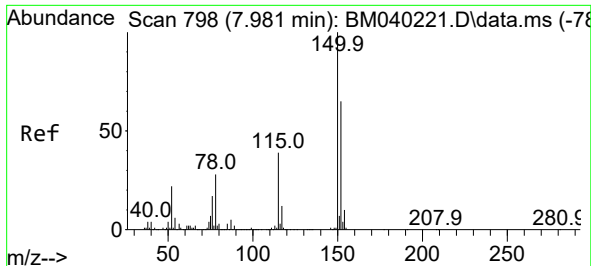
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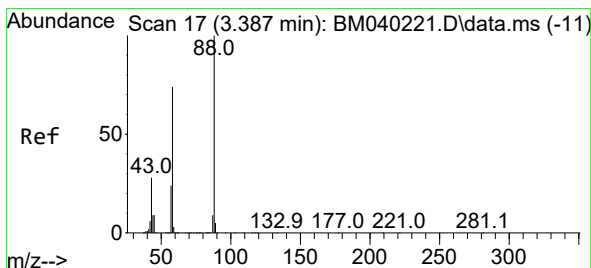
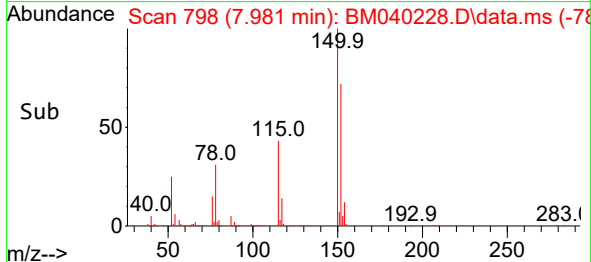
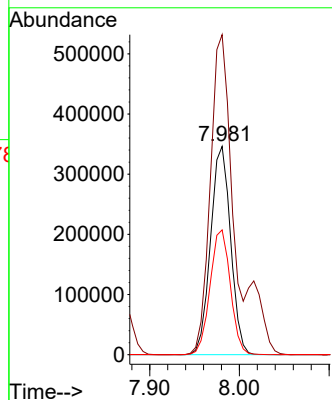
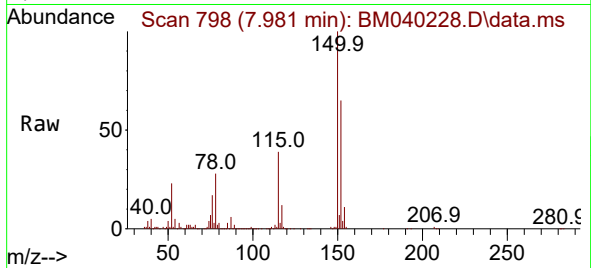




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM040228.D
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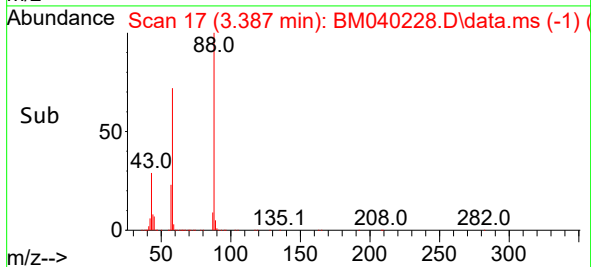
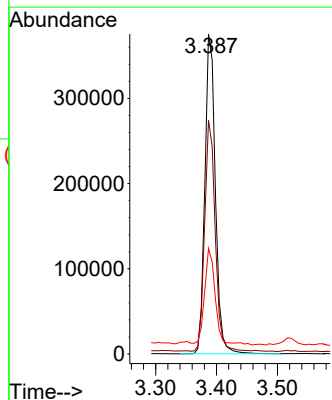
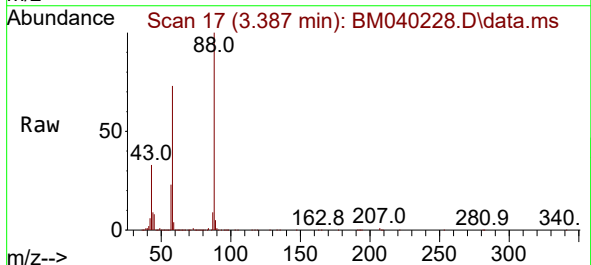
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

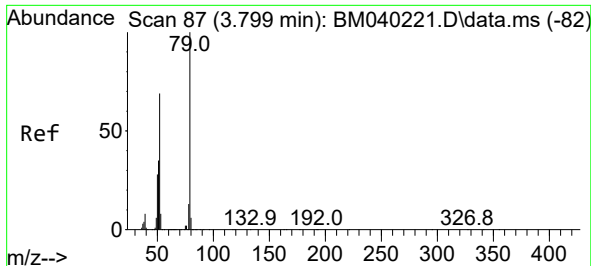
Tgt Ion:152 Resp: 537194
Ion Ratio Lower Upper
152 100
150 153.5 122.5 183.7
115 59.9 47.9 71.9



#2
1,4-Dioxane
Concen: 32.424 ng
RT: 3.387 min Scan# 17
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion: 88 Resp: 448668
Ion Ratio Lower Upper
88 100
58 72.4 59.0 88.6
43 30.1 23.2 34.8



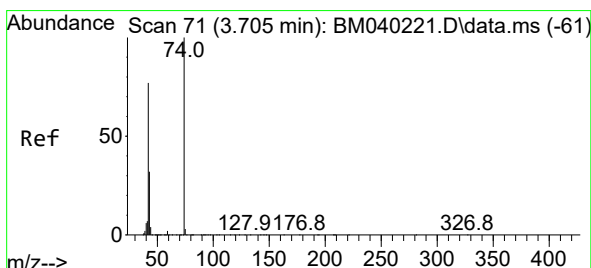
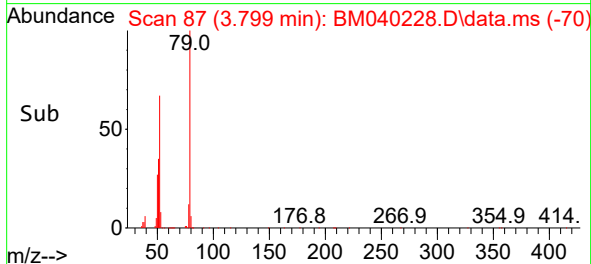
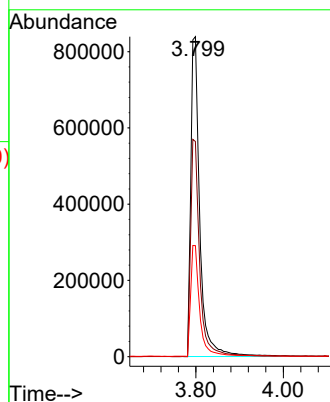
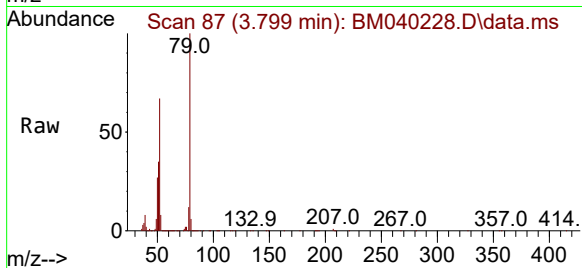


#3
 Pyridine
 Concen: 30.414 ng
 RT: 3.799 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: BM040228.D
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Instrument :
 BNA_M
 ClientSampleId :
 PB153264BSD

Tgt Ion: 79 Resp: 1203547

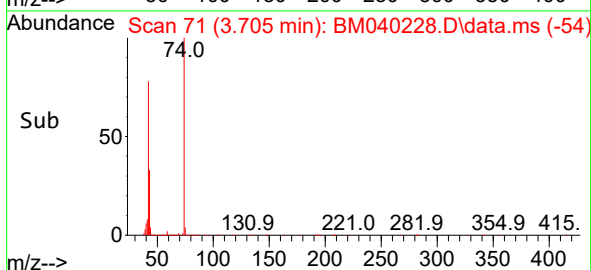
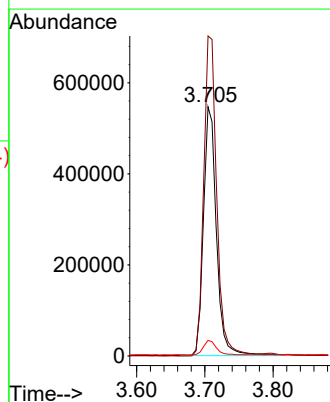
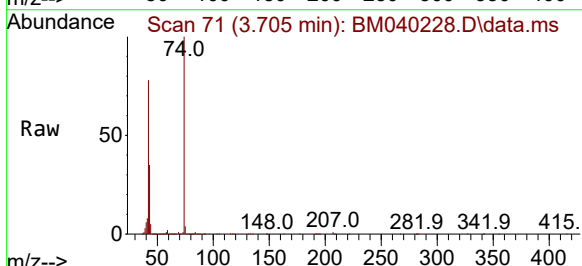
Ion	Ratio	Lower	Upper
79	100		
52	67.3	55.1	82.7
51	34.7	27.9	41.9

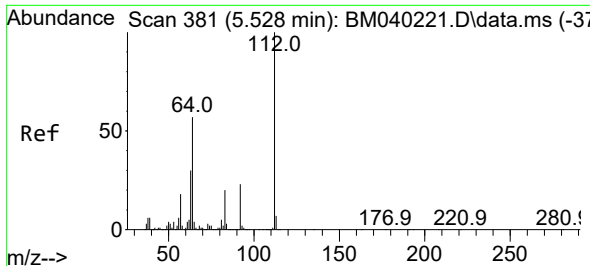


#4
 n-Nitrosodimethylamine
 Concen: 40.696 ng
 RT: 3.705 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BM040228.D
 Acq: 13 Jun 2023 16:54

Tgt Ion: 42 Resp: 721992

Ion	Ratio	Lower	Upper
42	100		
74	128.4	104.3	156.5
44	6.3	5.0	7.4

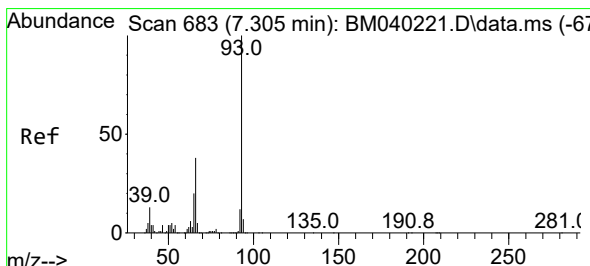
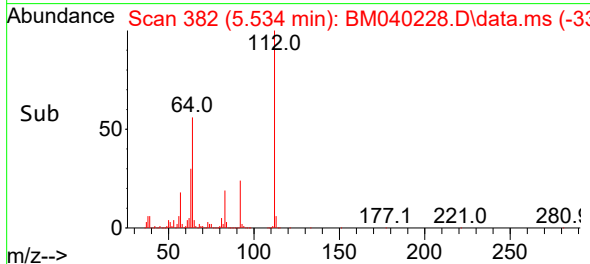
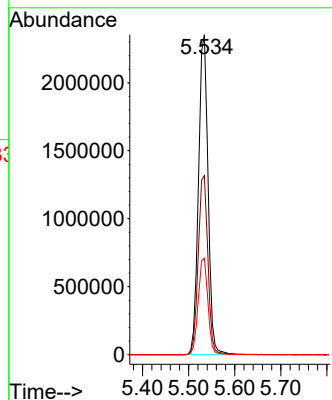
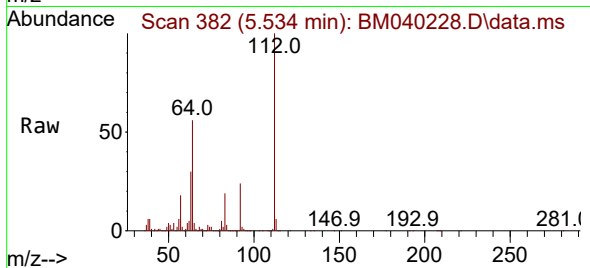




#5
2-Fluorophenol
Concen: 97.815 ng
RT: 5.534 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

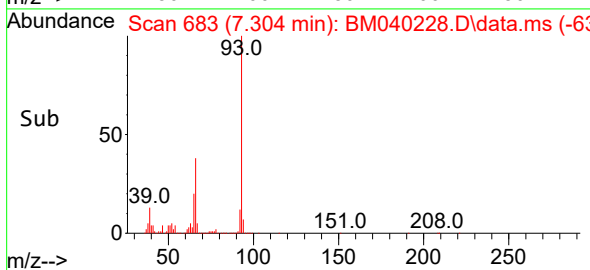
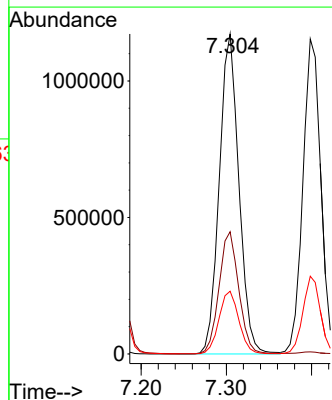
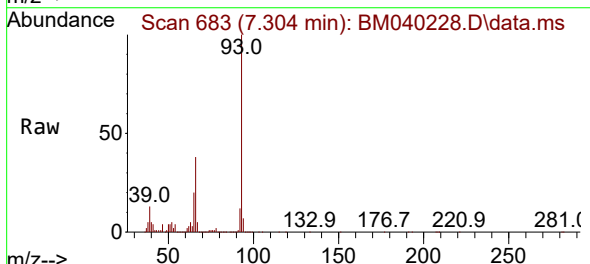
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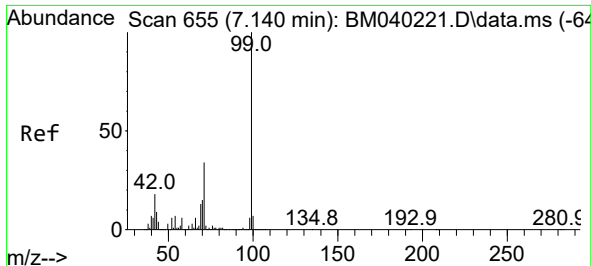
Tgt Ion:112 Resp: 3389043
Ion Ratio Lower Upper
112 100
64 55.9 45.2 67.8
63 30.2 24.2 36.4



#6
Aniline
Concen: 32.307 ng
RT: 7.304 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion: 93 Resp: 1873100
Ion Ratio Lower Upper
93 100
66 38.2 30.8 46.2
65 19.6 16.1 24.1

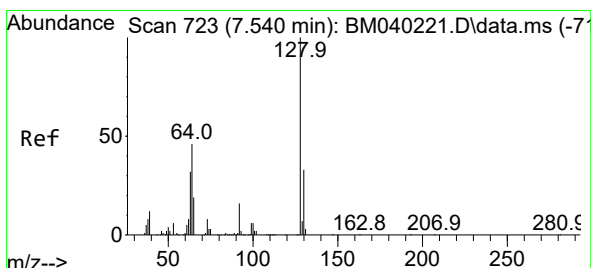
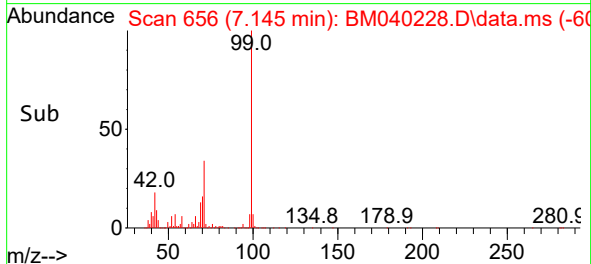
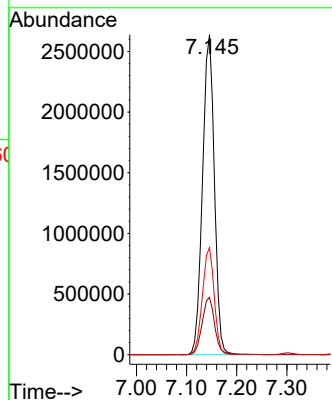
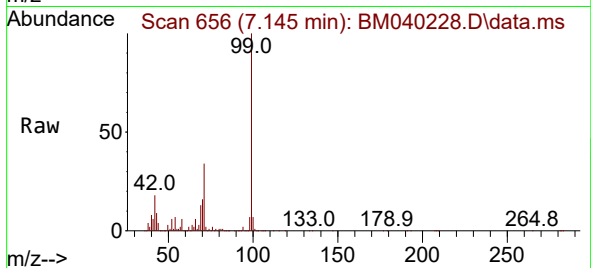




#7
Phenol-d6
Concen: 91.757 ng
RT: 7.145 min Scan# 656
Delta R.T. 0.006 min
Lab File: BM040228.D
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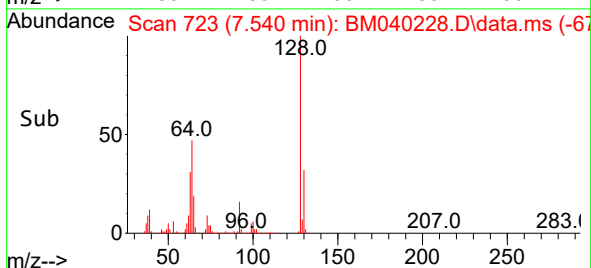
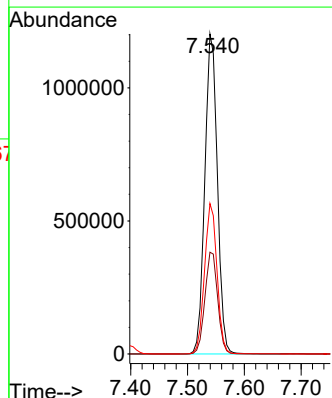
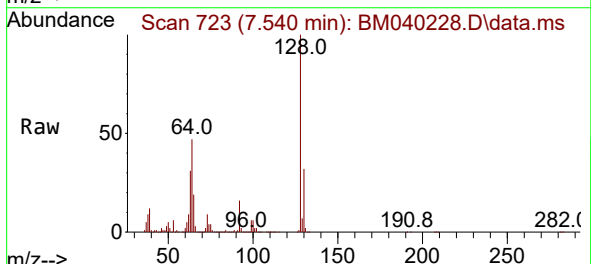
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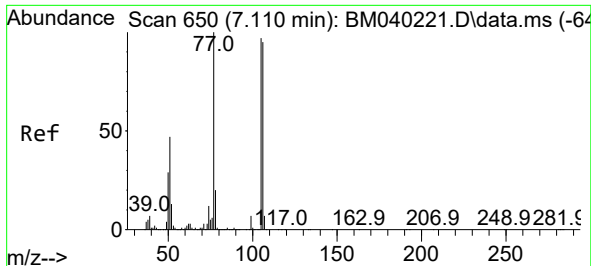
Tgt Ion: 99 Resp: 4334315
Ion Ratio Lower Upper
99 100
42 17.9 14.5 21.7
71 33.5 26.9 40.3



#8
2-Chlorophenol
Concen: 49.933 ng
RT: 7.540 min Scan# 723
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:128 Resp: 1841023
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 47.0 27.4 67.4

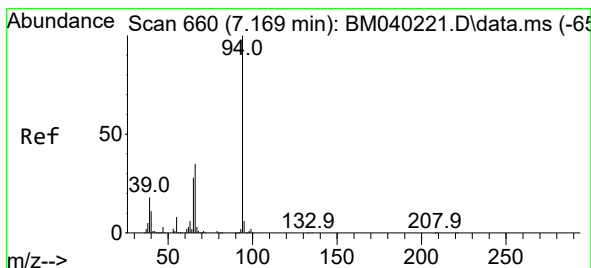
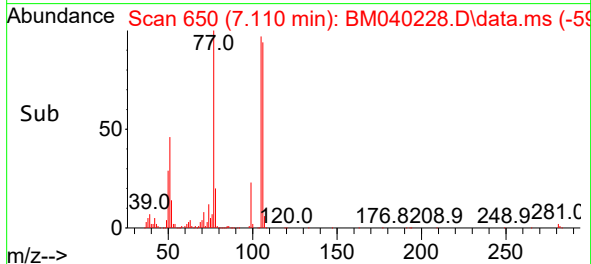
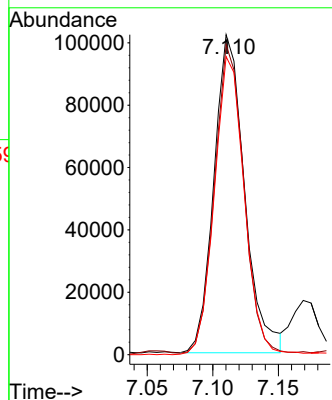
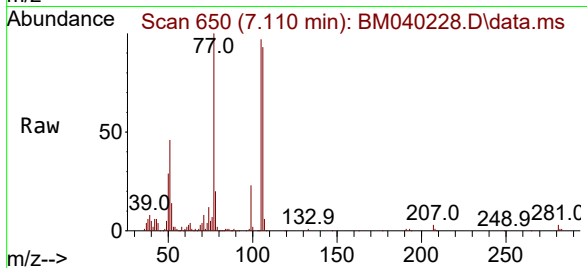




#9
Benzaldehyde
Concen: 6.314 ng
RT: 7.110 min Scan# 61
Delta R.T. 0.000 min
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Acq: 13 Jun 2023 16:54

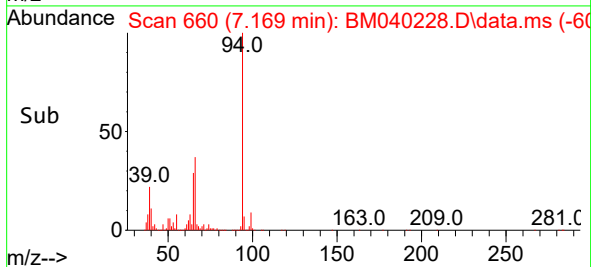
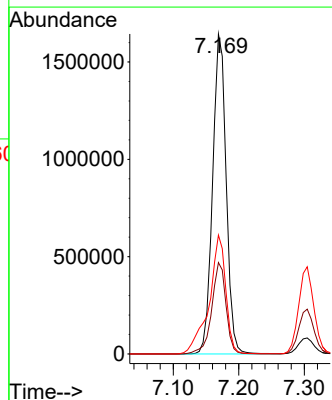
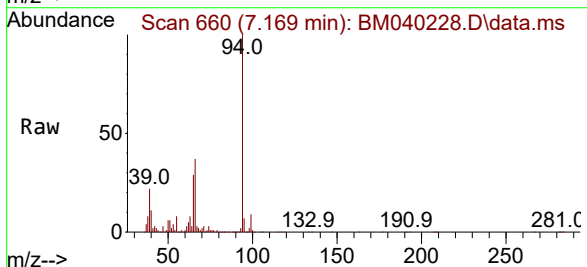
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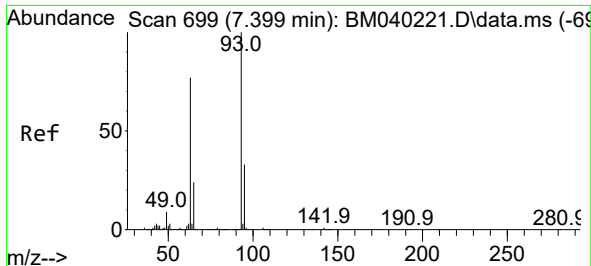
Tgt Ion: 77 Resp: 165662
Ion Ratio Lower Upper
77 100
105 96.9 77.3 117.3
106 93.2 75.2 115.2



#10
Phenol
Concen: 51.329 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion: 94 Resp: 2372090
Ion Ratio Lower Upper
94 100
65 28.6 8.2 48.2
66 37.2 15.6 55.6



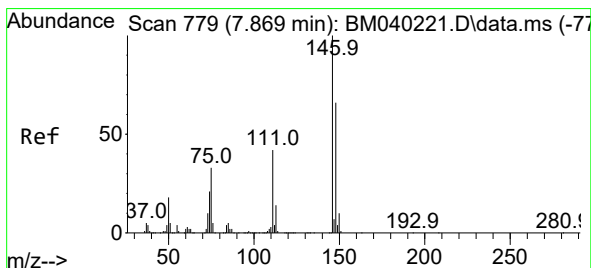
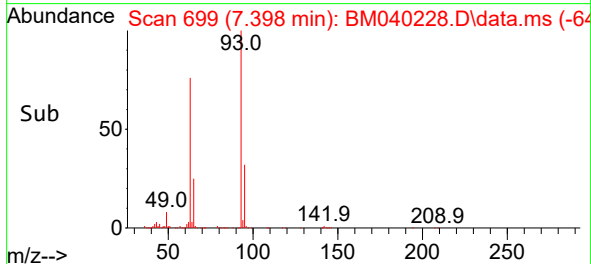
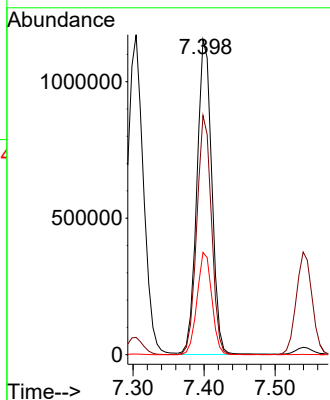
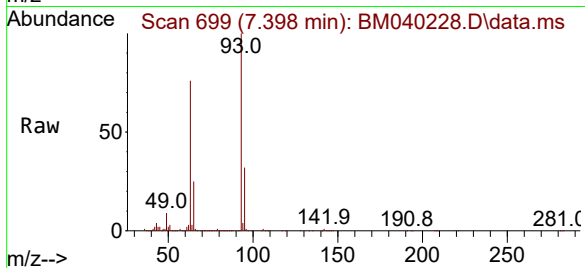


#11
bis(2-Chloroethyl)ether
Concen: 43.974 ng
RT: 7.398 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Instrument :
BNA_M
ClientSampleId :
PB153264BSD

Tgt Ion: 93 Resp: 1685194

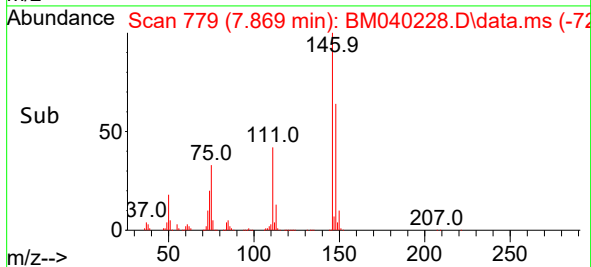
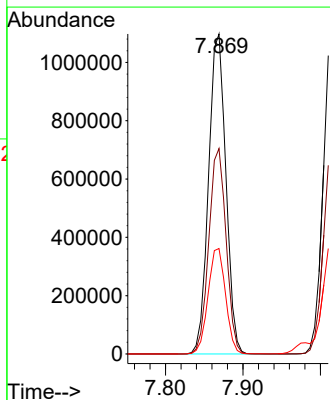
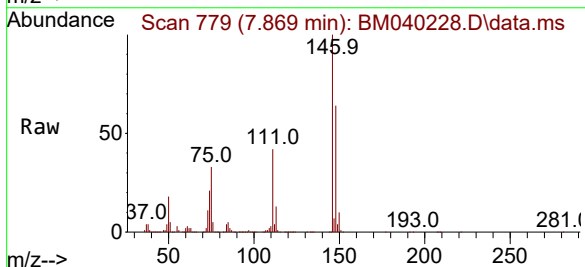
Ion	Ratio	Lower	Upper
93	100		
63	76.0	56.3	96.3
95	32.5	12.5	52.5

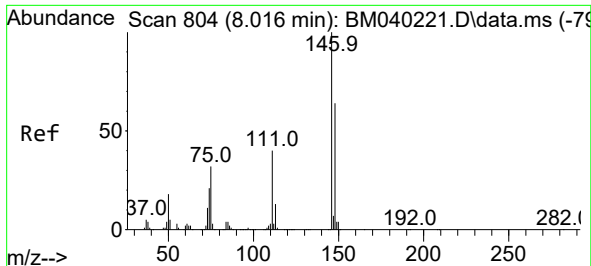


#12
1,3-Dichlorobenzene
Concen: 44.733 ng
RT: 7.869 min Scan# 779
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion: 146 Resp: 1702805

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	79.0
75	32.9	26.6	40.0

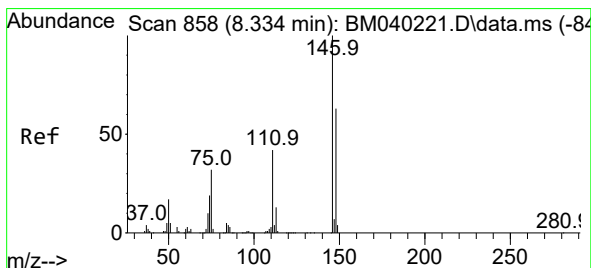
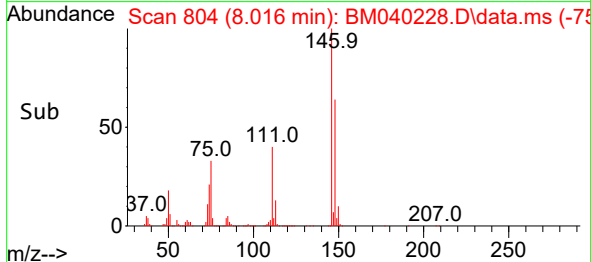
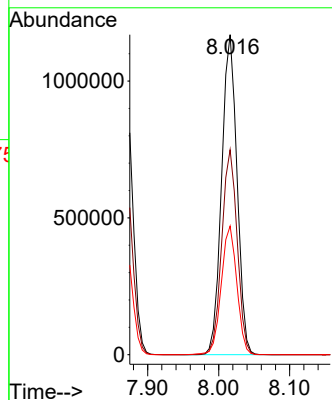
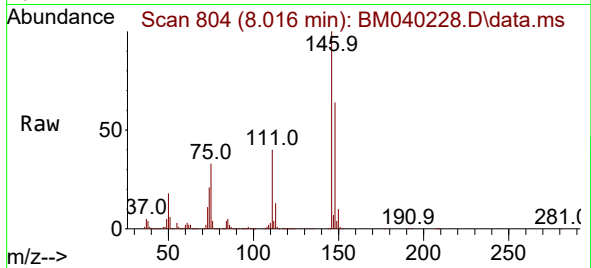




#13
1,4-Dichlorobenzene
Concen: 45.448 ng
RT: 8.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

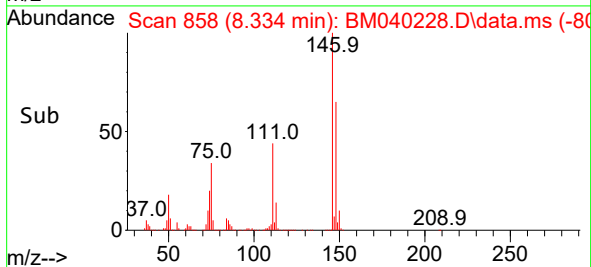
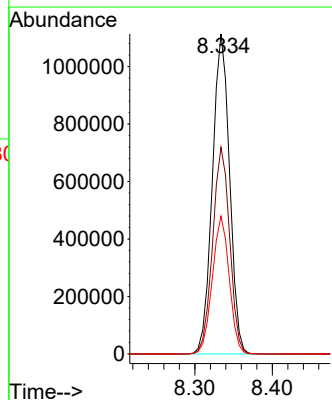
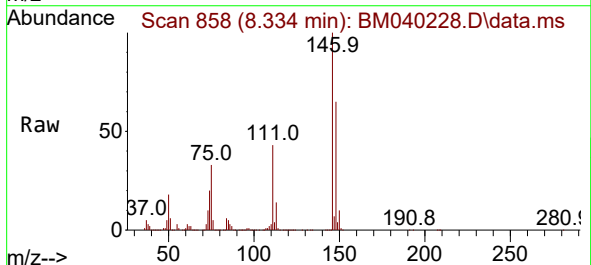
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

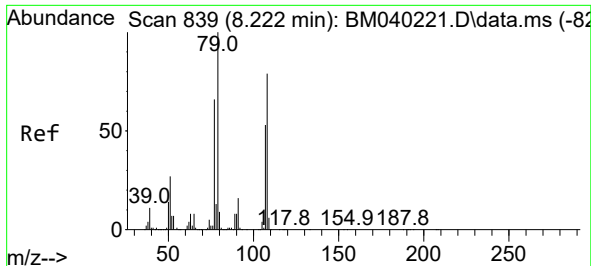
Tgt Ion:146 Resp: 1751507
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
111 40.2 31.6 47.4



#14
1,2-Dichlorobenzene
Concen: 45.478 ng
RT: 8.334 min Scan# 858
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:146 Resp: 1713689
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
111 43.1 33.8 50.6

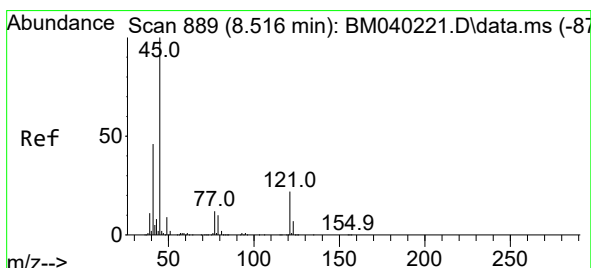
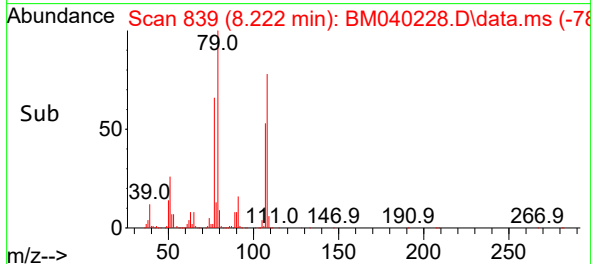
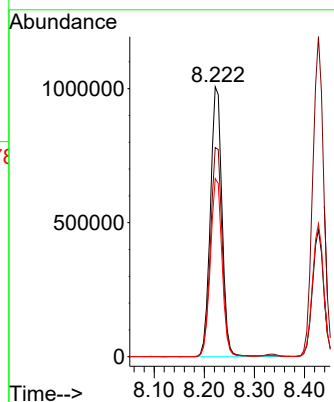
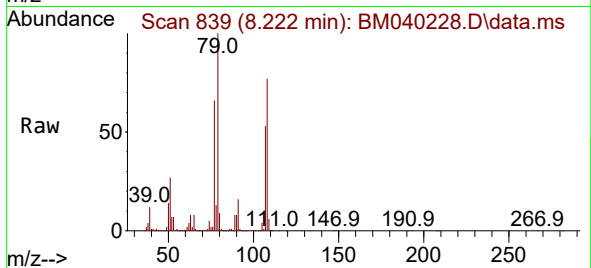




#15
Benzyl Alcohol
Concen: 47.853 ng
RT: 8.222 min Scan# 839
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

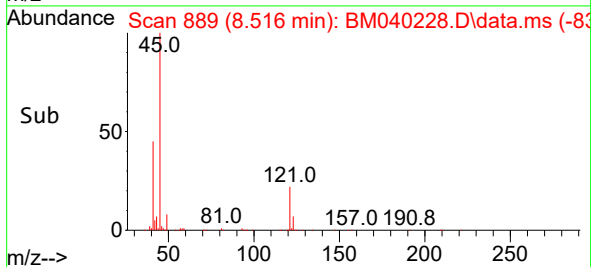
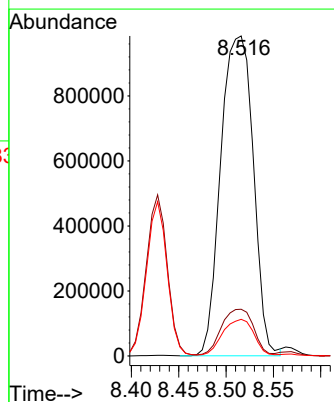
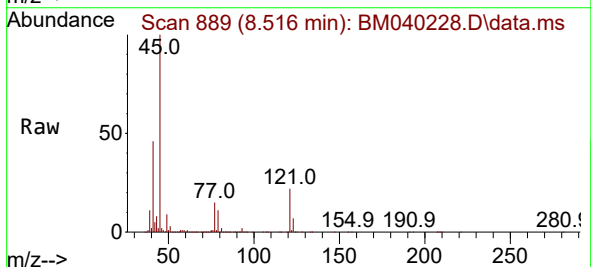
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

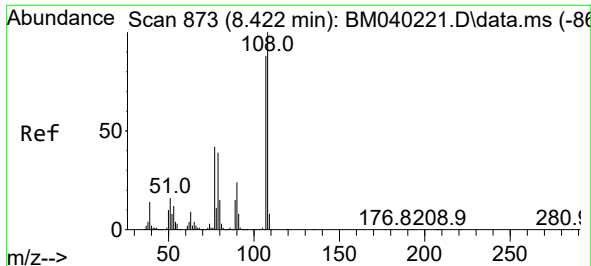
Tgt Ion: 79 Resp: 1621176
Ion Ratio Lower Upper
79 100
108 77.5 63.2 94.8
77 66.0 53.2 79.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.447 ng
RT: 8.516 min Scan# 889
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion: 45 Resp: 2351013
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.5
79 11.5 0.0 31.5

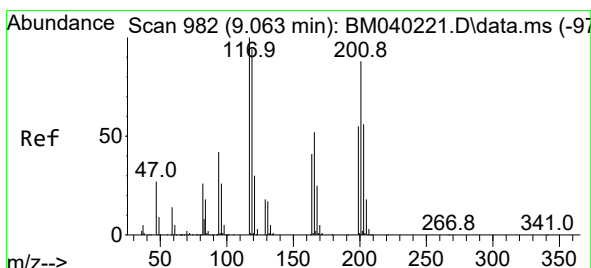
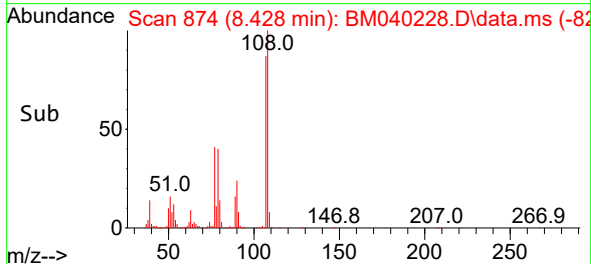
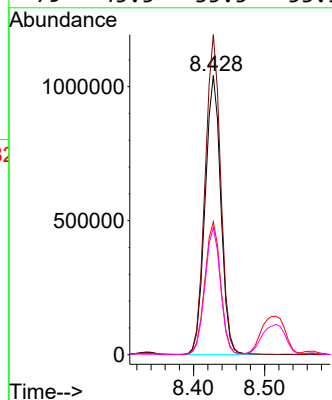
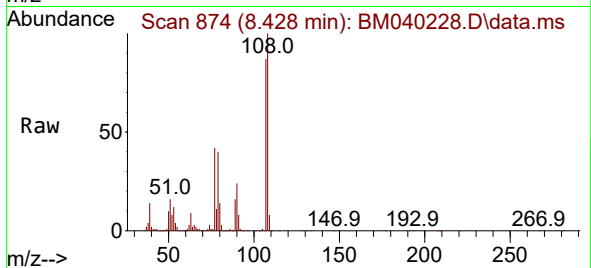




#17
2-Methylphenol
Concen: 47.210 ng
RT: 8.428 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

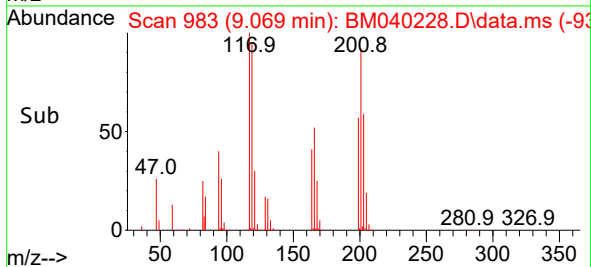
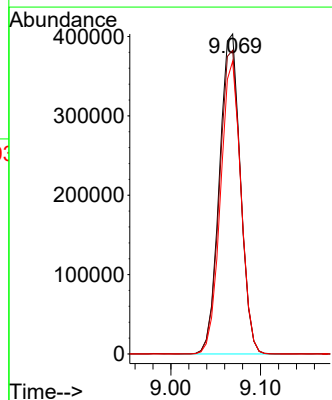
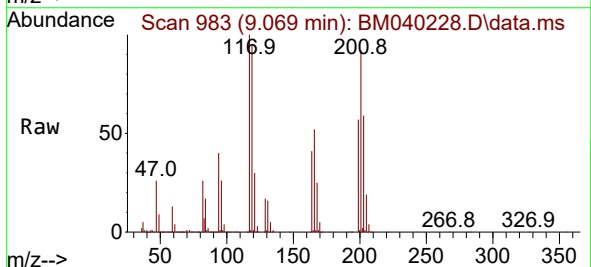
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

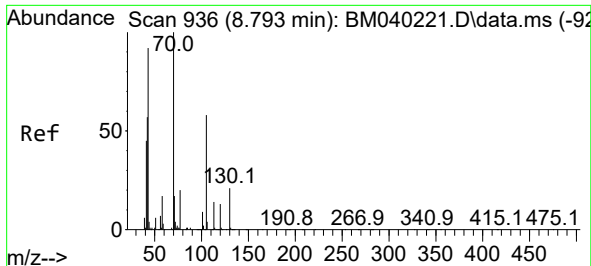
Tgt Ion:107 Resp: 1600371
Ion Ratio Lower Upper
107 100
108 114.6 91.1 136.7
77 47.6 38.7 58.1
79 45.5 35.5 53.3



#18
Hexachloroethane
Concen: 46.065 ng
RT: 9.069 min Scan# 983
Delta R.T. 0.006 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:117 Resp: 654946
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.0
201 91.5 70.4 105.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.697 ng

RT: 8.798 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

Tgt Ion: 70 Resp: 1386472

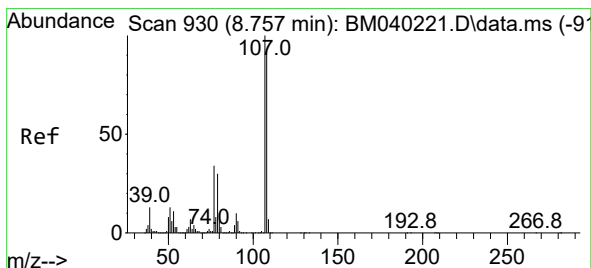
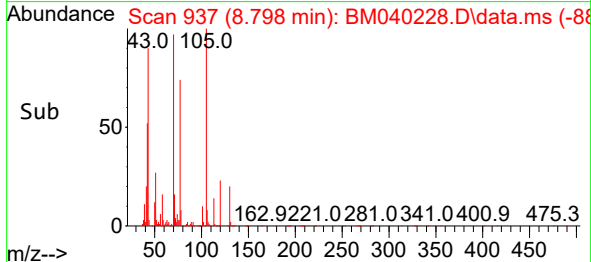
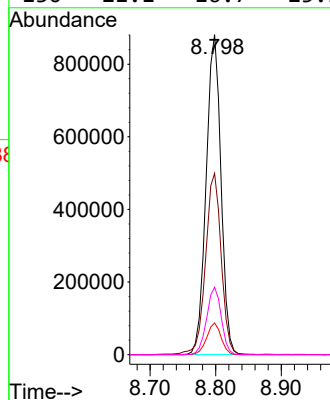
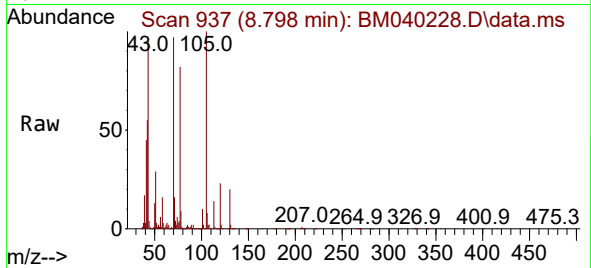
Ion Ratio Lower Upper

70 100

42 56.7 46.2 69.4

101 9.9 7.4 11.0

130 21.1 16.7 25.1



#20

3+4-Methylphenols

Concen: 47.259 ng

RT: 8.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Tgt Ion: 107 Resp: 2191396

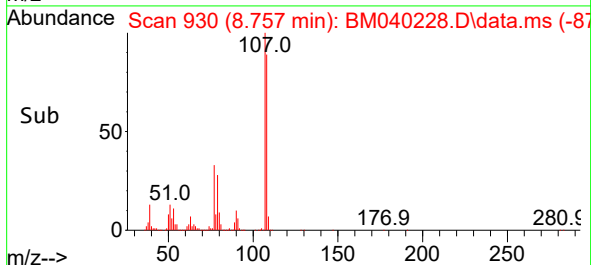
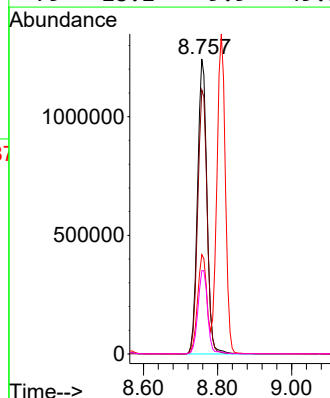
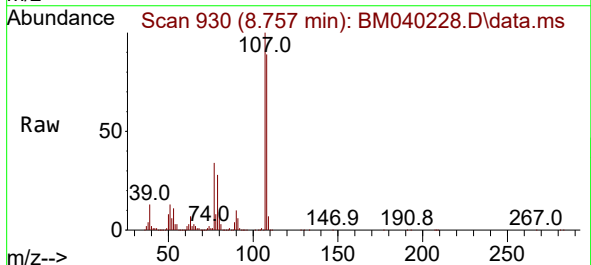
Ion Ratio Lower Upper

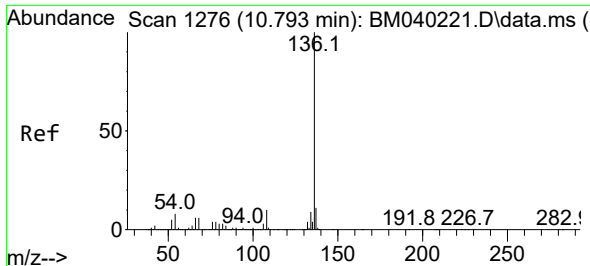
107 100

108 89.5 71.6 111.6

77 33.7 14.4 54.4

79 28.2 9.9 49.9

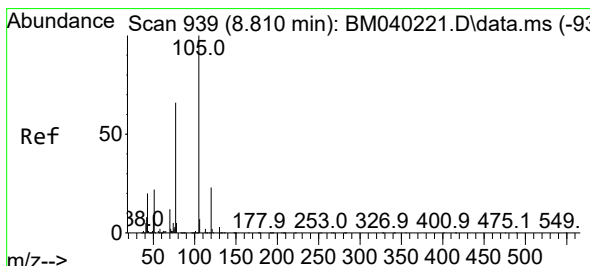
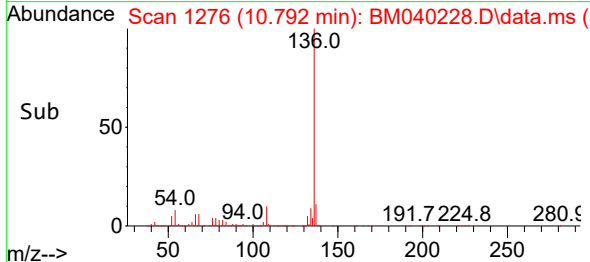
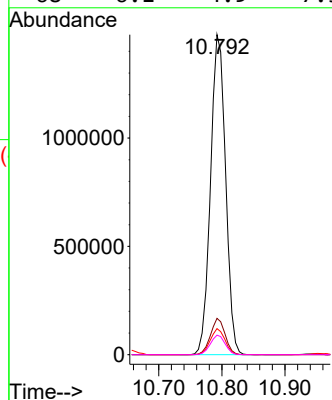
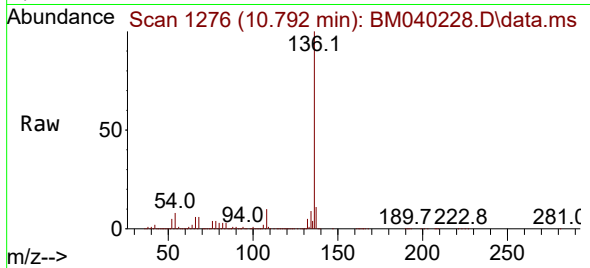




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

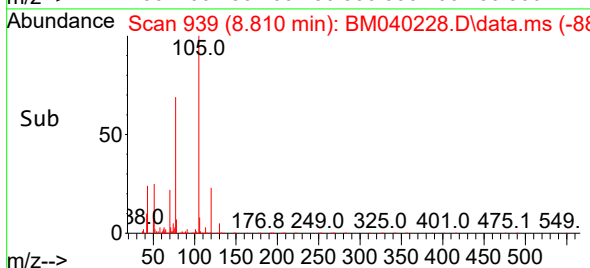
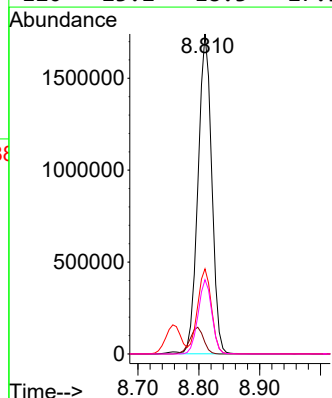
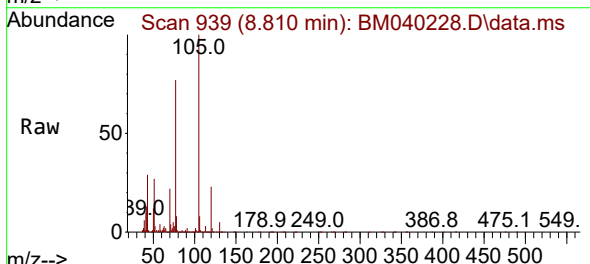
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

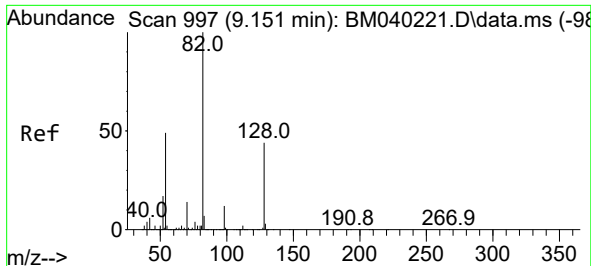
Tgt Ion:136 Resp: 2447325
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.1 6.2 9.4
68 6.1 4.9 7.3



#22
Acetophenone
Concen: 42.705 ng
RT: 8.810 min Scan# 939
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:105 Resp: 2720467
Ion Ratio Lower Upper
105 100
71 3.5 1.9 2.9#
51 26.6 21.2 31.8
120 23.2 18.3 27.5





#23

Nitrobenzene-d5

Concen: 84.487 ng

RT: 9.151 min Scan# 997

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

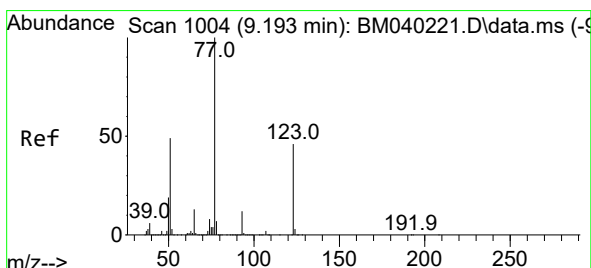
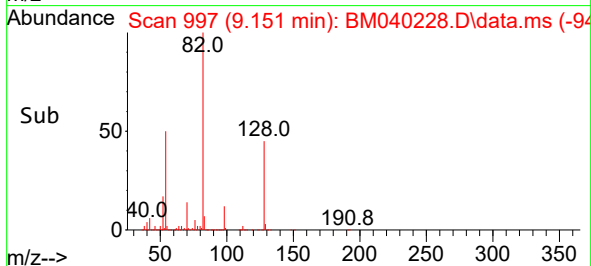
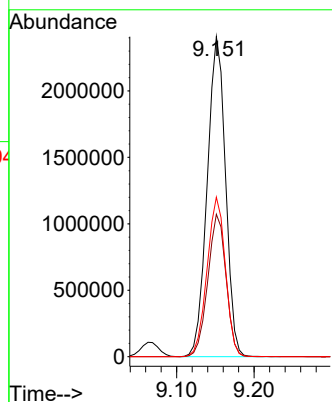
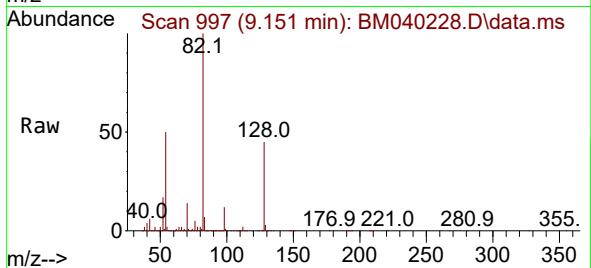
Tgt Ion: 82 Resp: 3948719

Ion Ratio Lower Upper

82 100

128 44.5 35.3 52.9

54 49.9 39.5 59.3



#24

Nitrobenzene

Concen: 41.762 ng

RT: 9.192 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

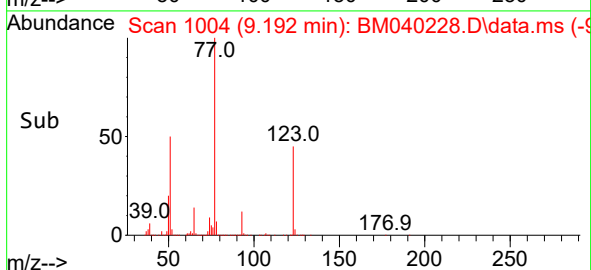
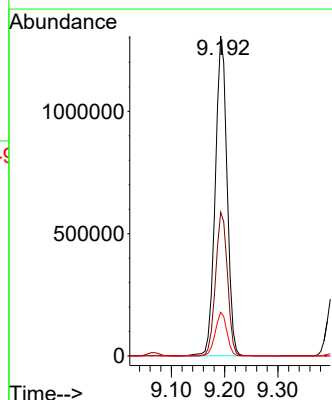
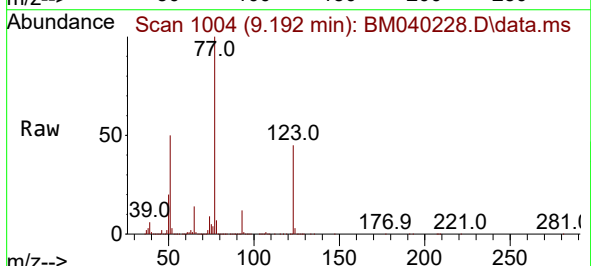
Tgt Ion: 77 Resp: 2003265

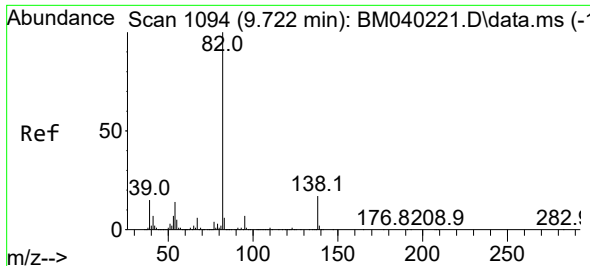
Ion Ratio Lower Upper

77 100

123 44.9 37.0 55.4

65 13.7 10.7 16.1

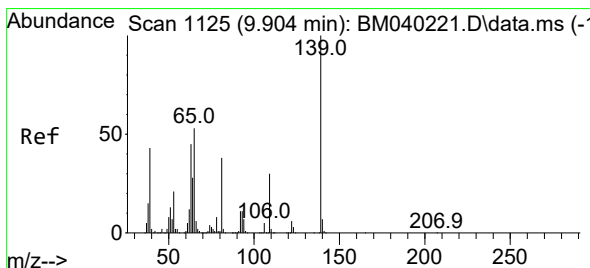
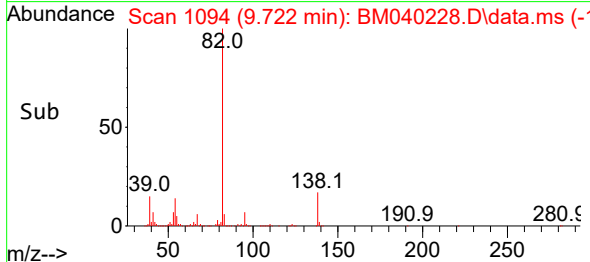
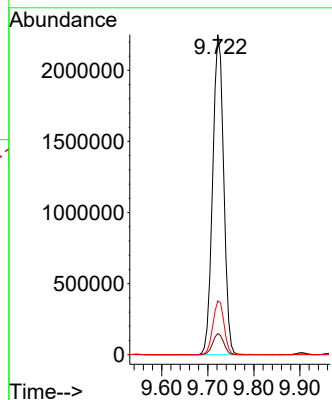
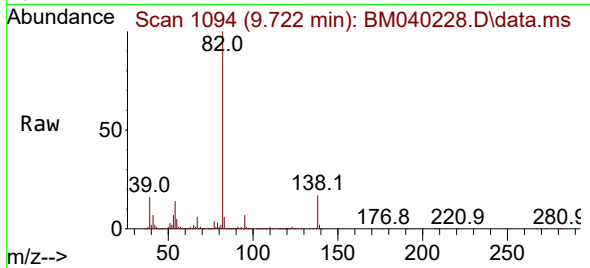




#25
Isophorone
Concen: 41.188 ng
RT: 9.722 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

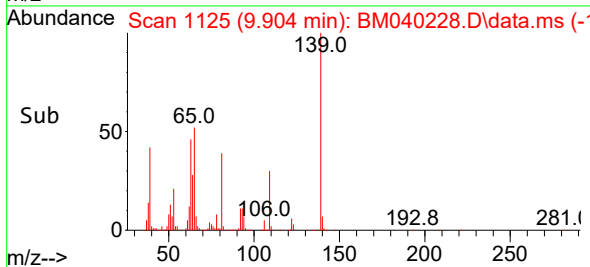
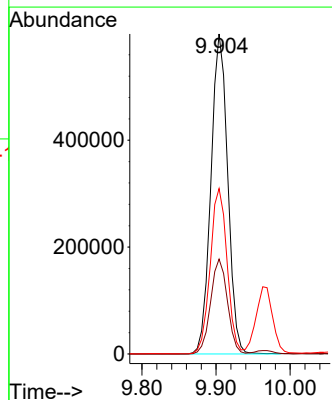
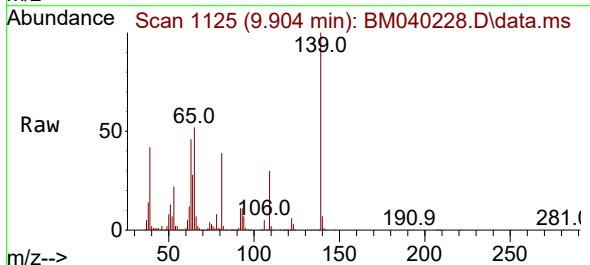
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

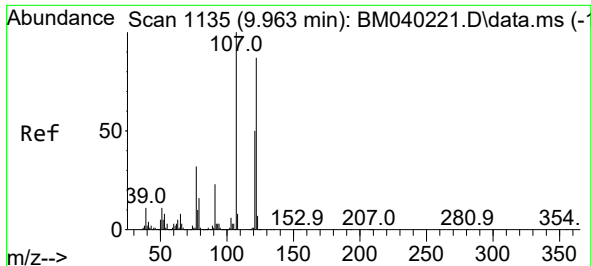
Tgt Ion: 82 Resp: 3740293
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 16.8 13.8 20.6



#26
2-Nitrophenol
Concen: 45.975 ng
RT: 9.904 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion: 139 Resp: 942473
Ion Ratio Lower Upper
139 100
109 29.6 23.9 35.9
65 51.7 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 47.998 ng

RT: 9.969 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

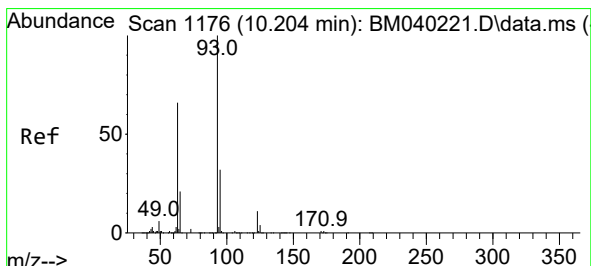
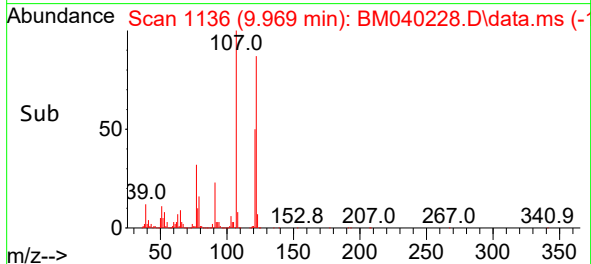
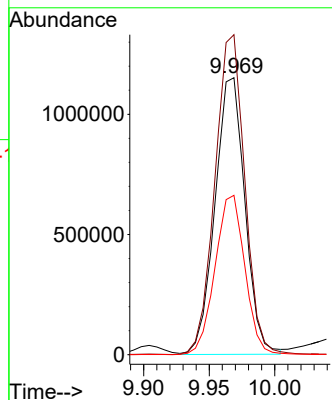
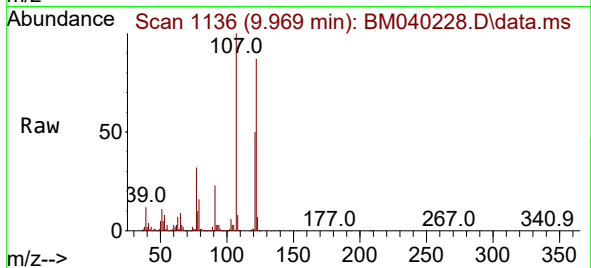
Tgt Ion:122 Resp: 1829671

Ion Ratio Lower Upper

122 100

107 115.6 91.9 137.9

121 57.6 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.261 ng

RT: 10.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

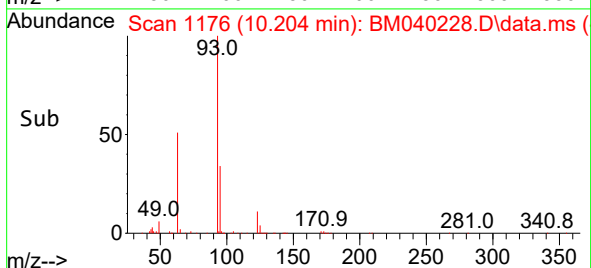
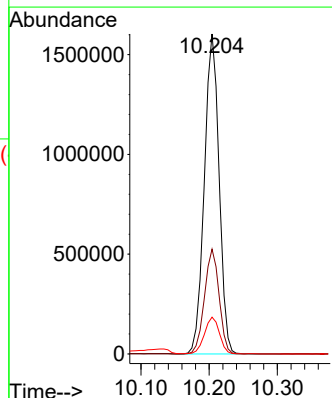
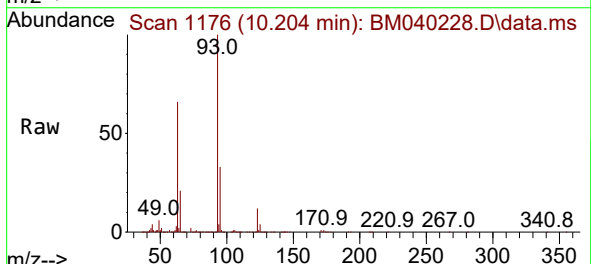
Tgt Ion: 93 Resp: 2412219

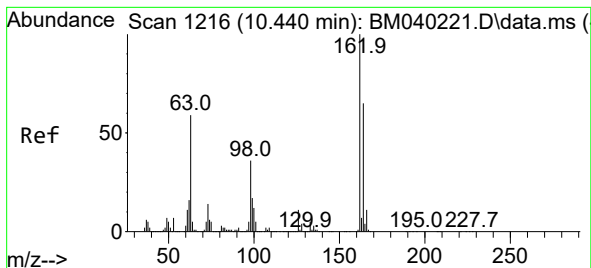
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 11.5 9.3 13.9

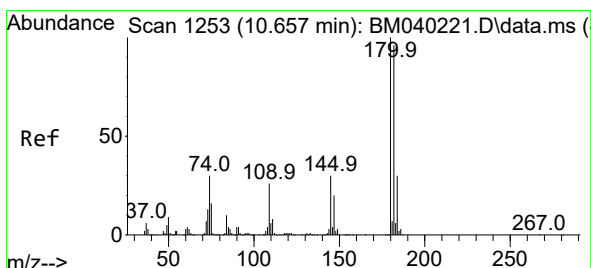
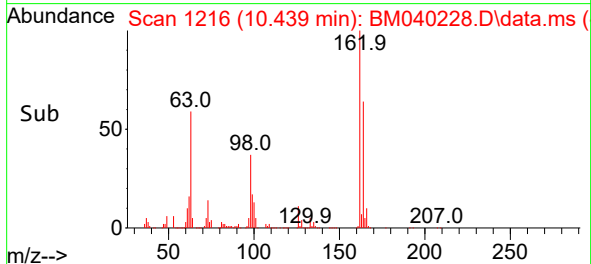
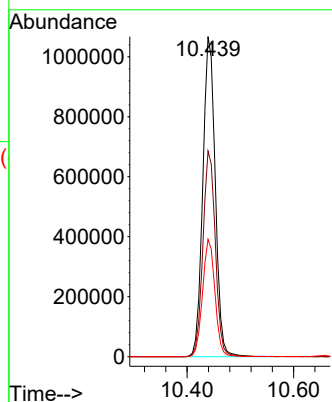
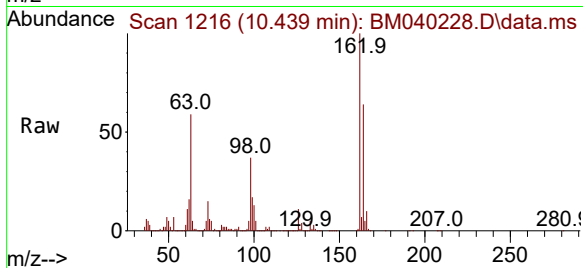




#29
2,4-Dichlorophenol
Concen: 47.837 ng
RT: 10.439 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

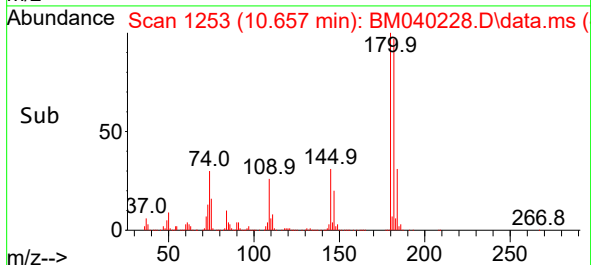
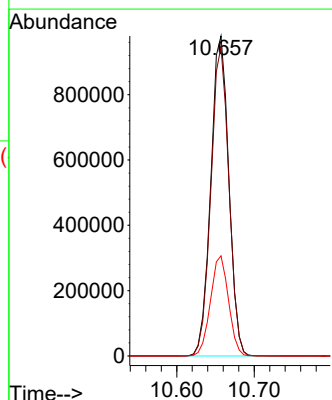
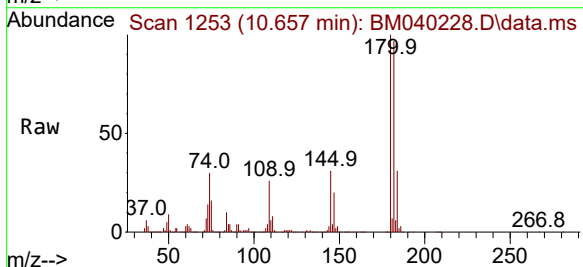
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

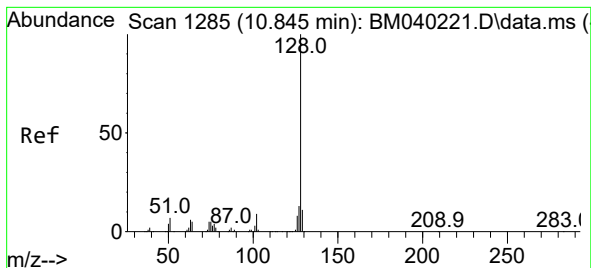
Tgt Ion:162 Resp: 1727558
Ion Ratio Lower Upper
162 100
164 64.2 44.5 84.5
98 36.6 16.1 56.1



#30
1,2,4-Trichlorobenzene
Concen: 43.058 ng
RT: 10.657 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:180 Resp: 1584635
Ion Ratio Lower Upper
180 100
182 96.7 76.6 114.8
145 31.3 24.3 36.5

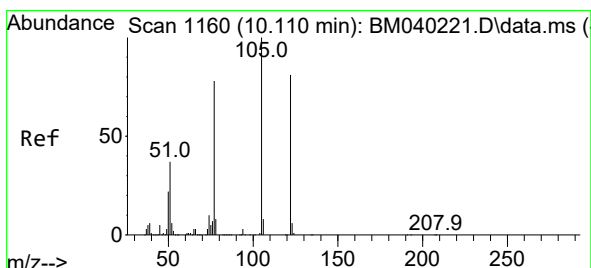
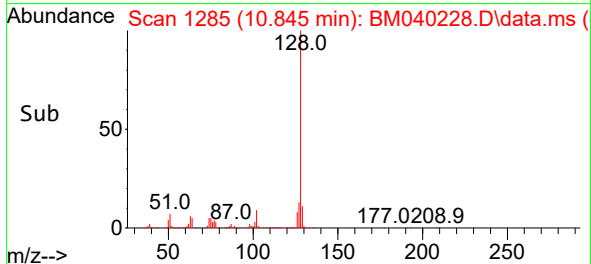
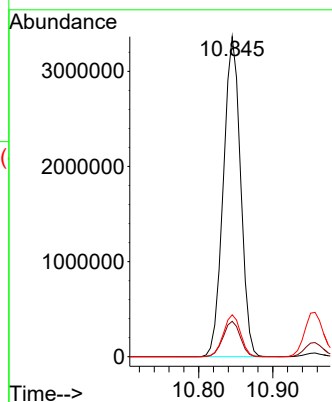
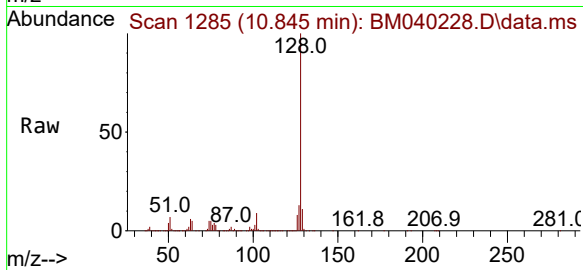




#31
Naphthalene
Concen: 41.259 ng
RT: 10.845 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

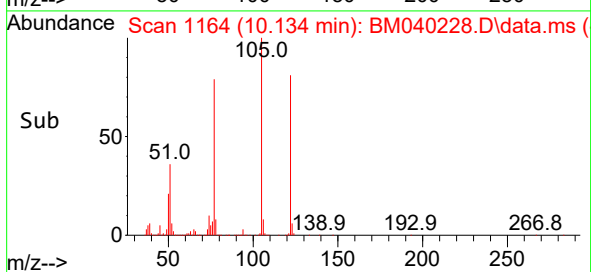
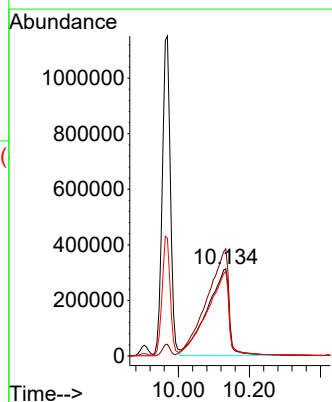
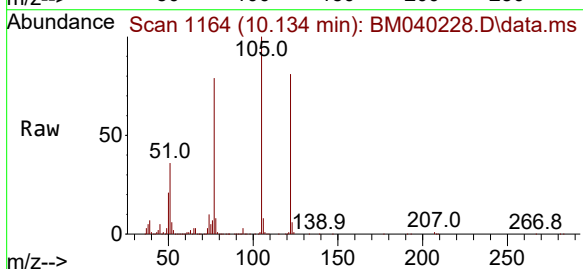
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

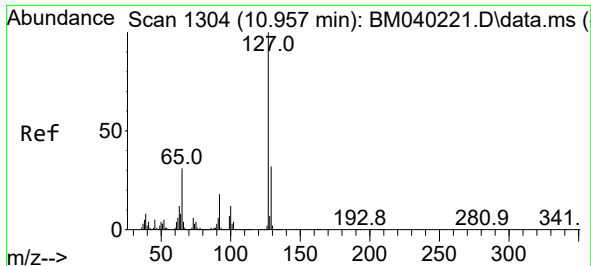
Tgt Ion:128 Resp: 5424873
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 45.348 ng
RT: 10.134 min Scan# 1164
Delta R.T. 0.024 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:122 Resp: 1353843
Ion Ratio Lower Upper
122 100
105 123.0 100.4 140.4
77 97.2 75.0 115.0

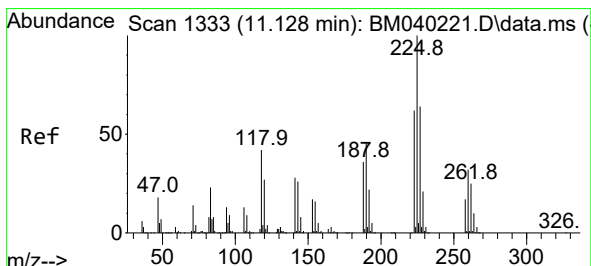
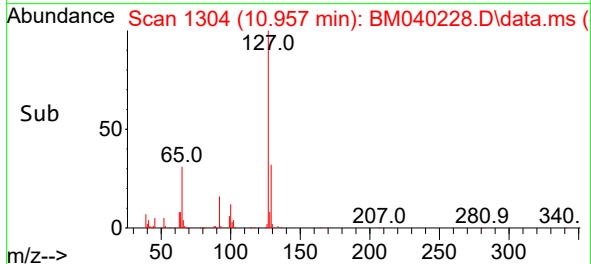
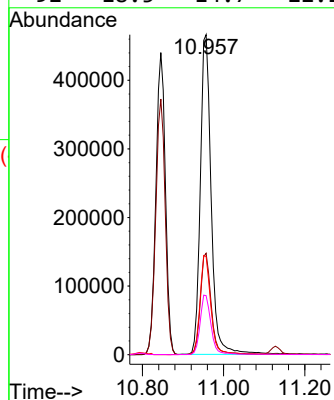
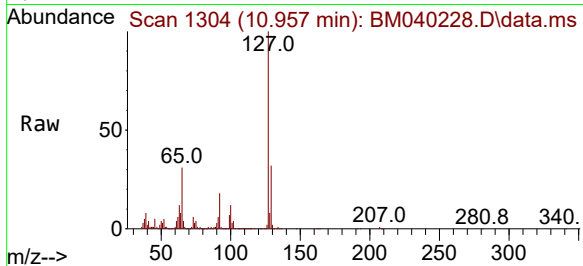




#33
4-Chloroaniline
Concen: 14.839 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

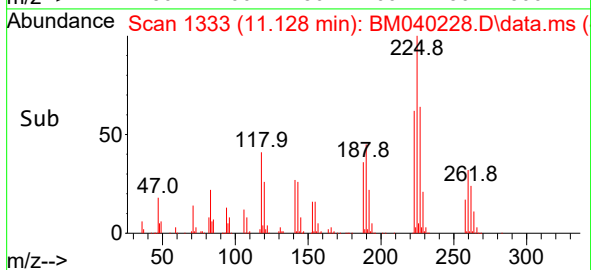
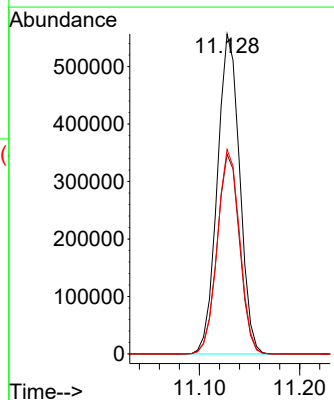
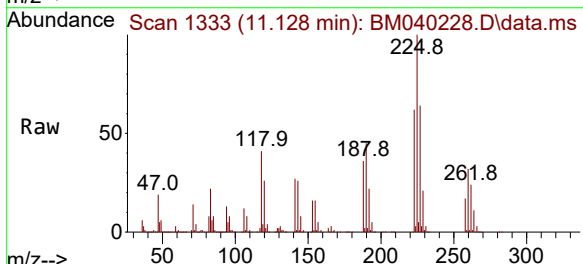
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

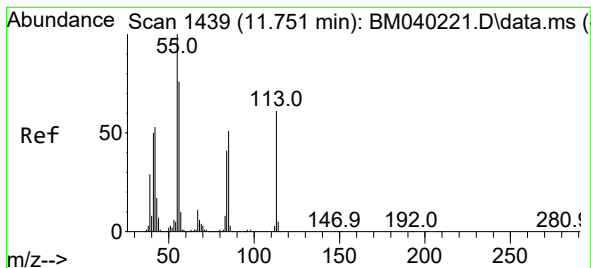
Tgt Ion:	127	Resp:	872689
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	30.7	24.6	36.8
92	18.5	14.7	22.1



#34
Hexachlorobutadiene
Concen: 41.580 ng
RT: 11.128 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:	225	Resp:	860254
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.5	74.3
227	63.9	51.1	76.7

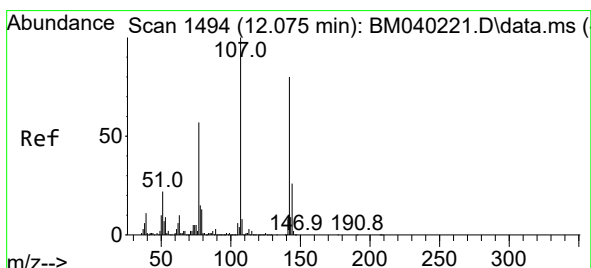
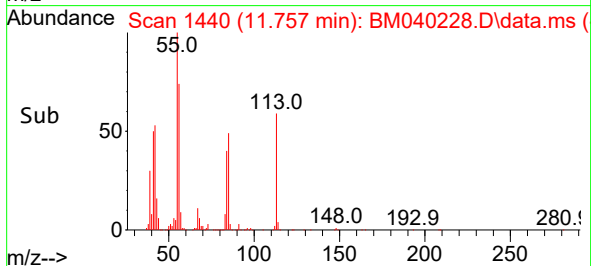
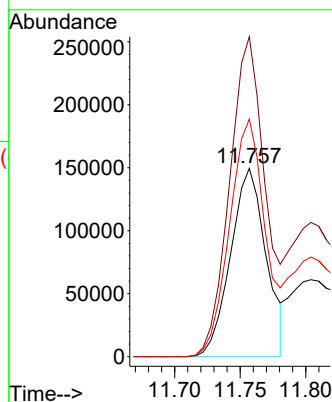
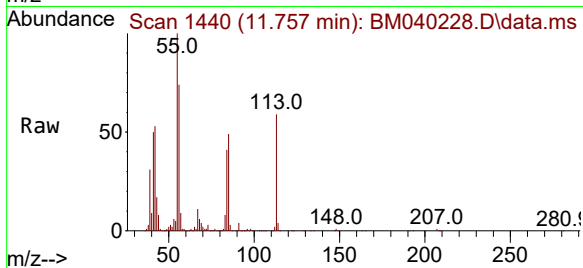




#35
Caprolactam
Concen: 22.386 ng
RT: 11.757 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

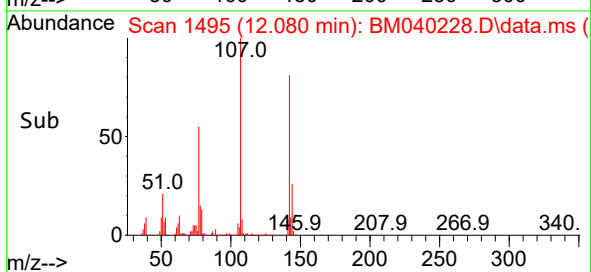
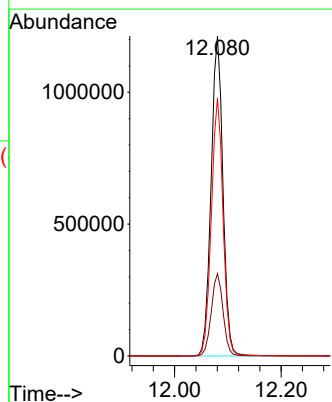
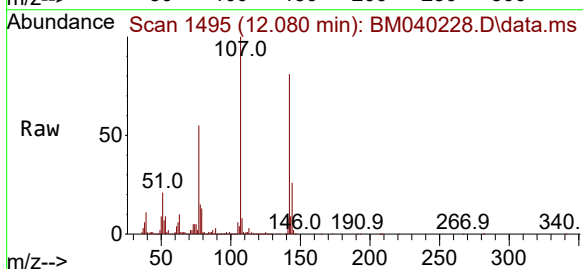
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

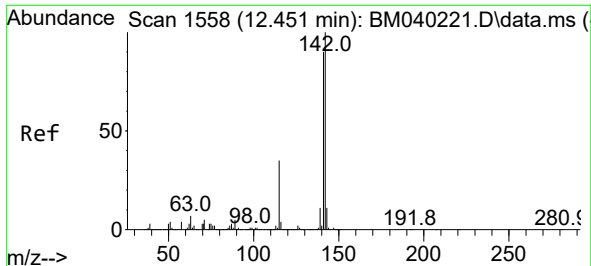
Tgt Ion:113 Resp: 281730
Ion Ratio Lower Upper
113 100
55 169.9 144.6 184.6
56 126.1 105.5 145.5



#36
4-Chloro-3-methylphenol
Concen: 44.709 ng
RT: 12.080 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:107 Resp: 1872879
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 80.6 64.2 96.2

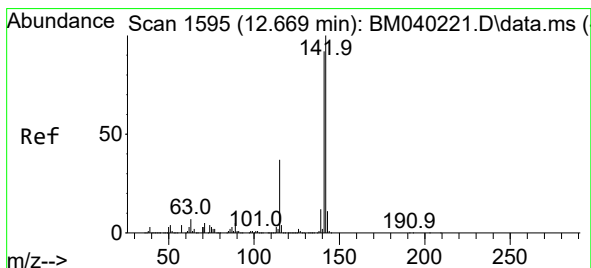
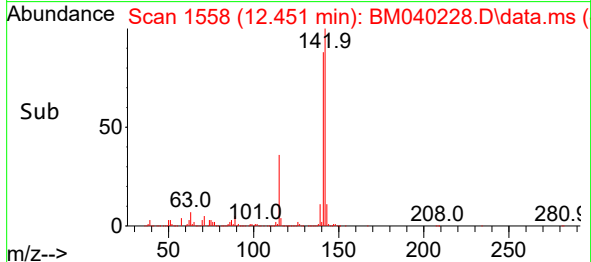
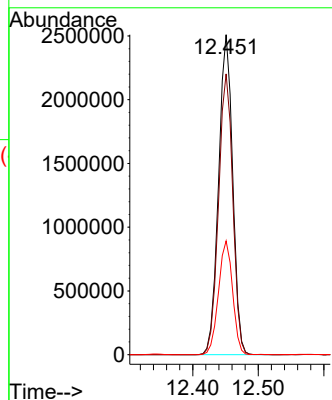
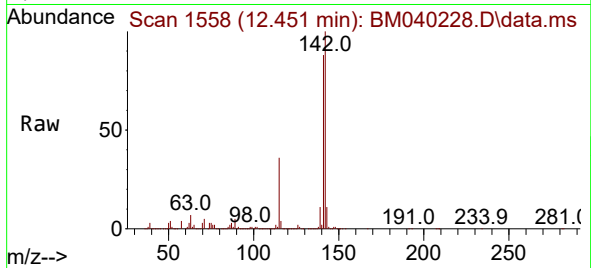




#37
2-Methylnaphthalene
Concen: 40.003 ng
RT: 12.451 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

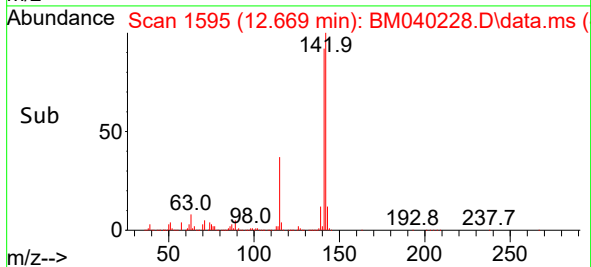
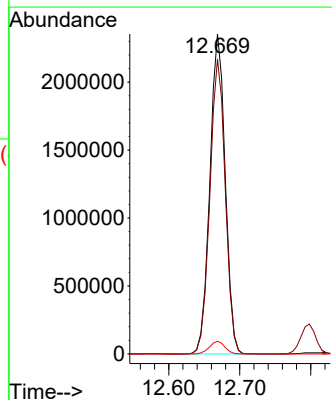
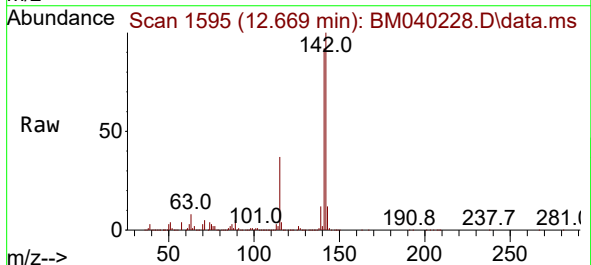
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

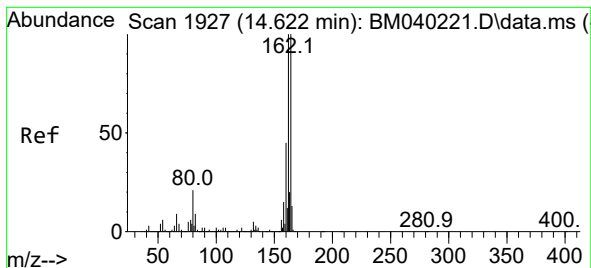
Tgt Ion:142 Resp: 3728991
Ion Ratio Lower Upper
142 100
141 87.8 71.8 107.8
115 35.5 28.4 42.6



#38
1-Methylnaphthalene
Concen: 40.117 ng
RT: 12.669 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:142 Resp: 3531989
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.621 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

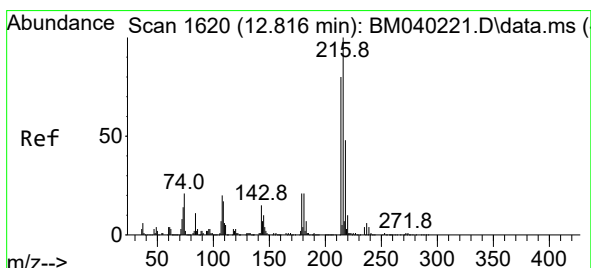
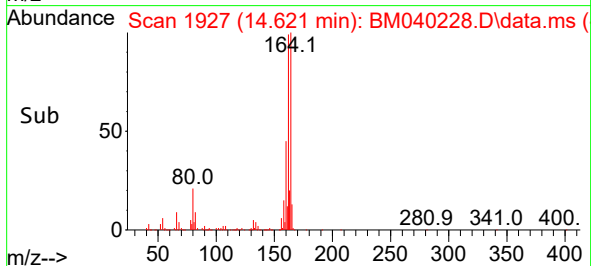
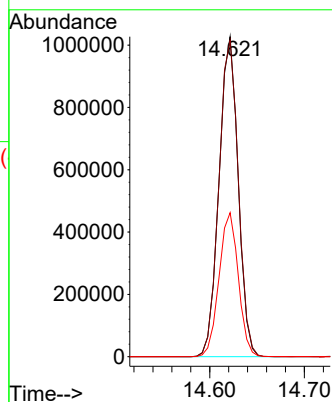
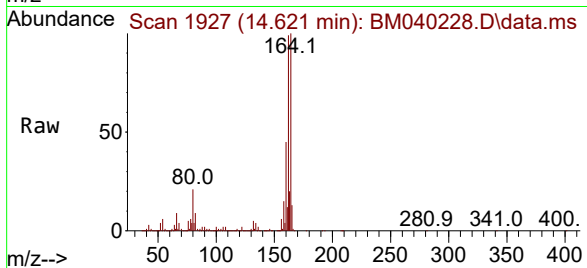
Tgt Ion:164 Resp: 1439594

Ion Ratio Lower Upper

164 100

162 98.9 79.9 119.9

160 45.0 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.782 ng

RT: 12.816 min Scan# 1620

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Tgt Ion:216 Resp: 1792644

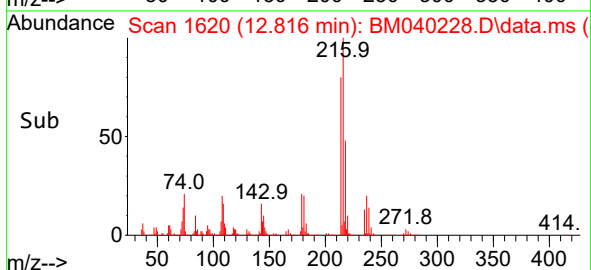
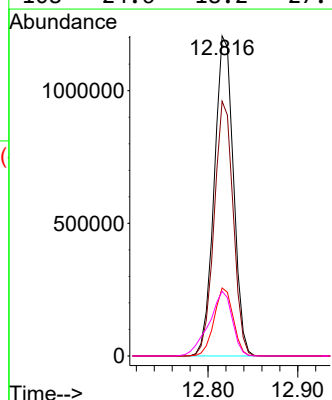
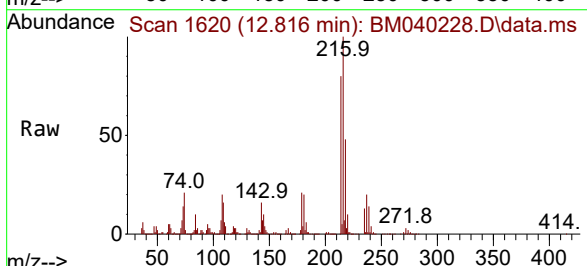
Ion Ratio Lower Upper

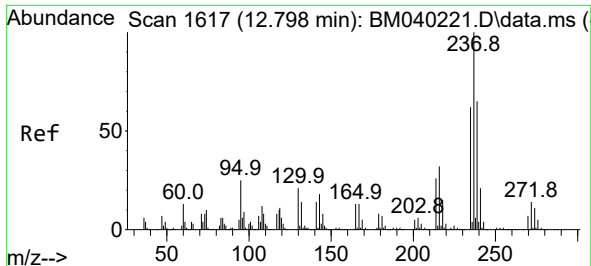
216 100

214 78.9 63.0 94.6

179 21.1 17.3 25.9

108 24.6 18.2 27.4

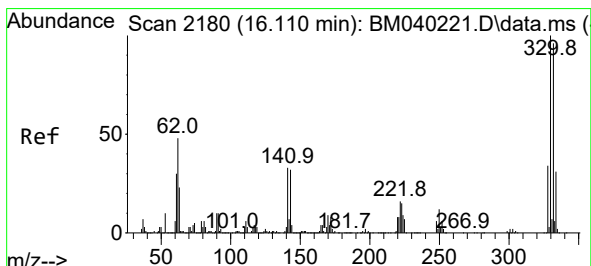
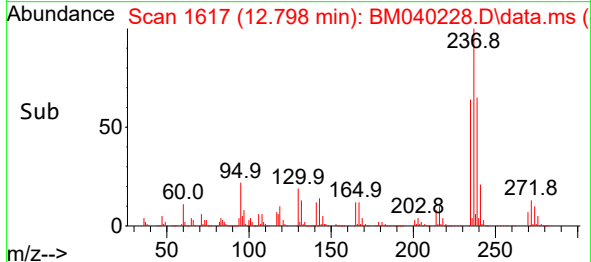
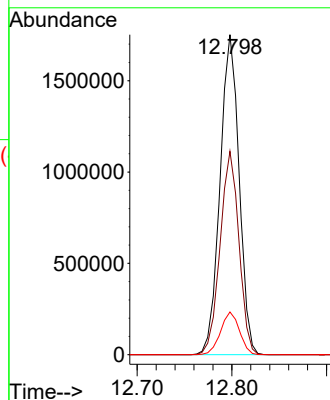
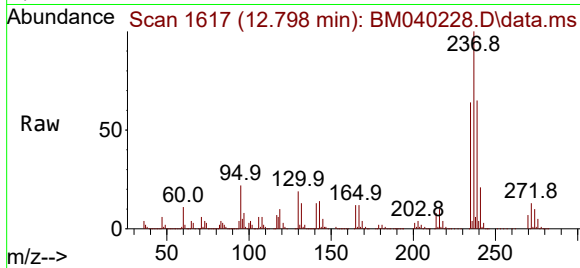




#41
Hexachlorocyclopentadiene
Concen: 111.233 ng
RT: 12.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

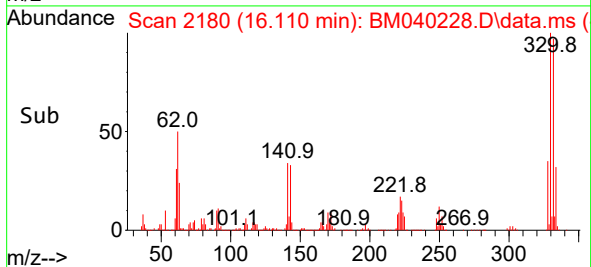
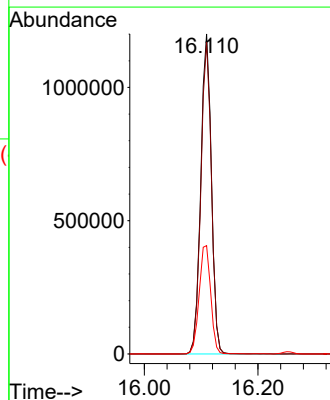
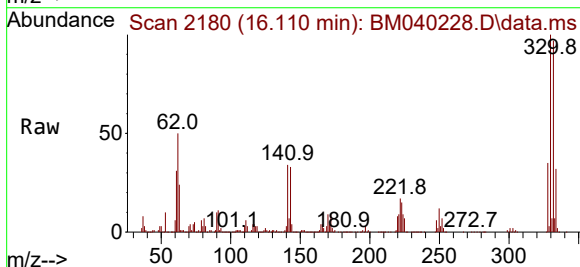
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

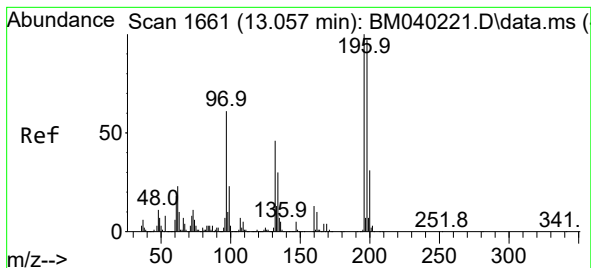
Tgt Ion:237 Resp: 2449377
Ion Ratio Lower Upper
237 100
235 63.6 42.1 82.1
272 13.3 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 77.749 ng
RT: 16.110 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:330 Resp: 1561379
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 36.9 30.0 45.0

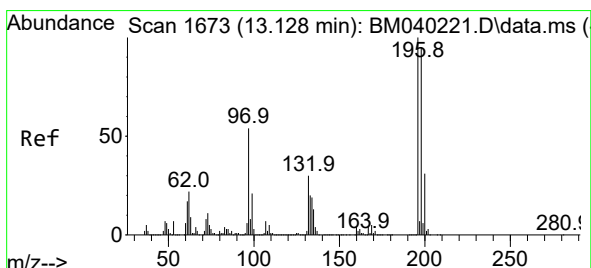
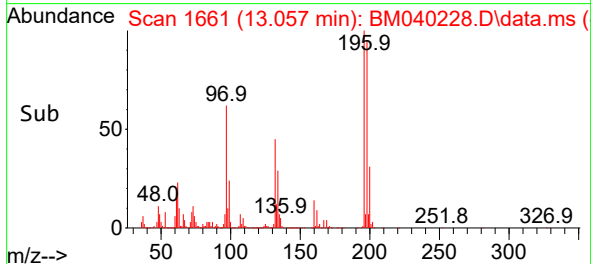
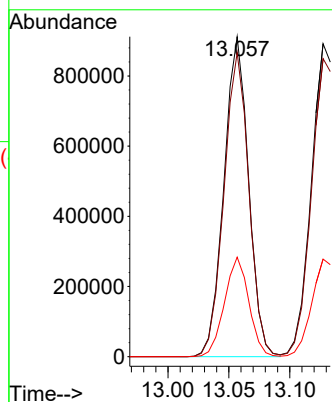
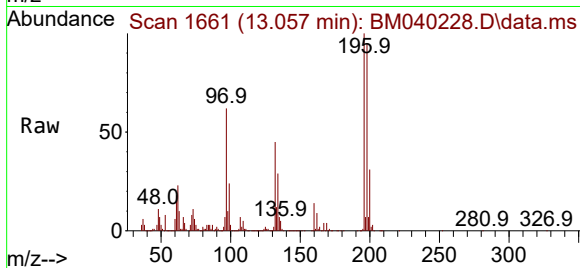




#43
2,4,6-Trichlorophenol
Concen: 46.293 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

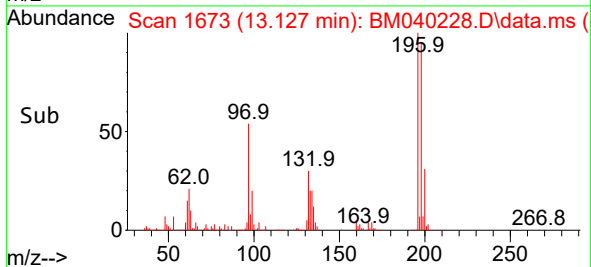
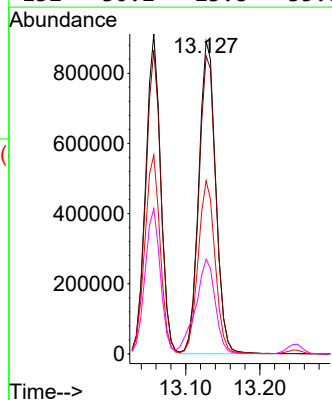
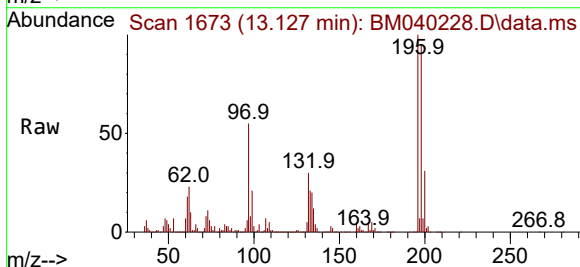
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

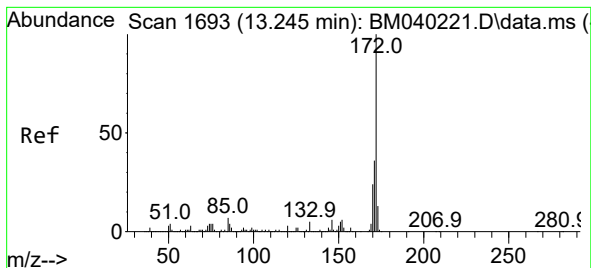
Tgt Ion:196 Resp: 1285053
Ion Ratio Lower Upper
196 100
198 95.0 77.8 116.8
200 31.1 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 42.780 ng
RT: 13.127 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:196 Resp: 1414656
Ion Ratio Lower Upper
196 100
198 95.2 75.9 113.9
97 55.4 43.0 64.6
132 30.2 23.8 35.8

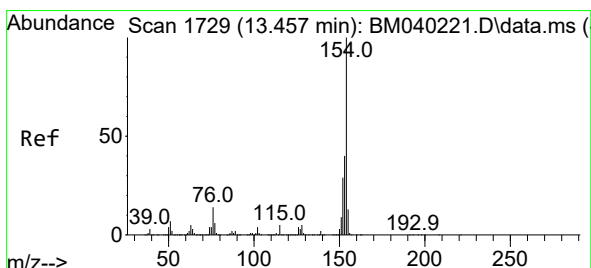
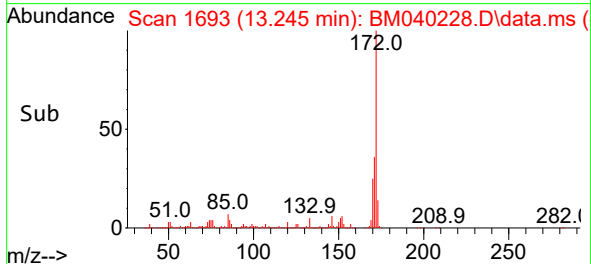
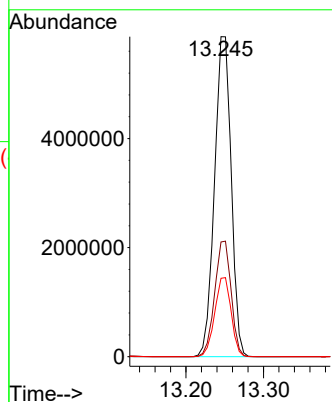
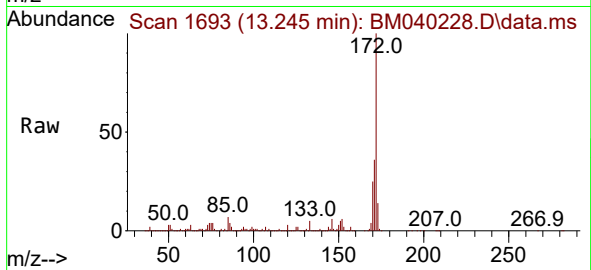




#45
2-Fluorobiphenyl
Concen: 83.594 ng
RT: 13.245 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

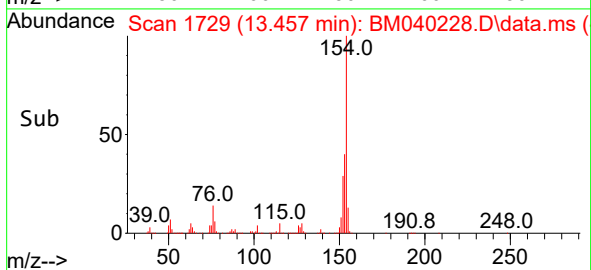
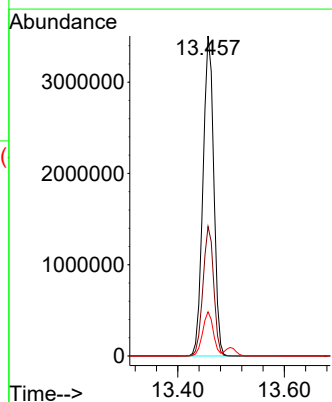
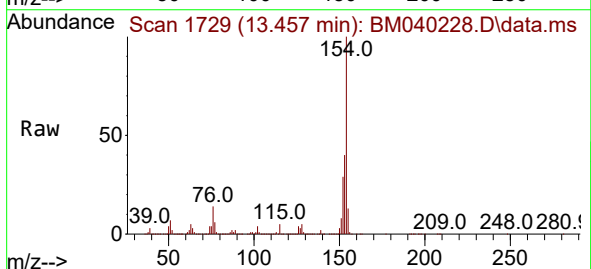
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

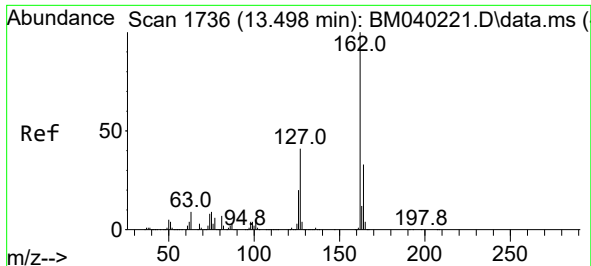
Tgt Ion:172 Resp: 8767269
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 43.318 ng
RT: 13.457 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:154 Resp: 4922212
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 13.8 0.0 33.7

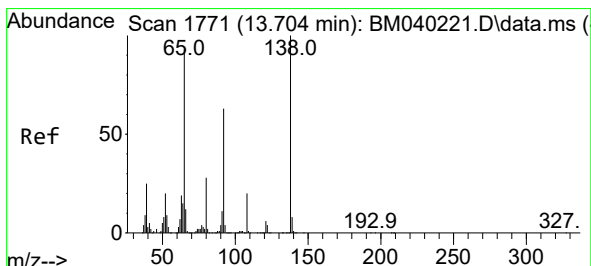
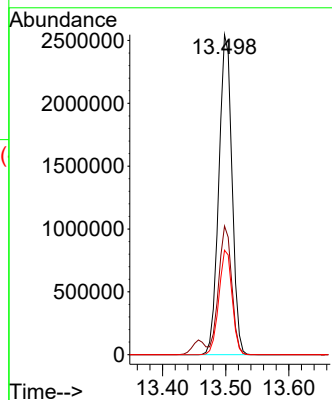
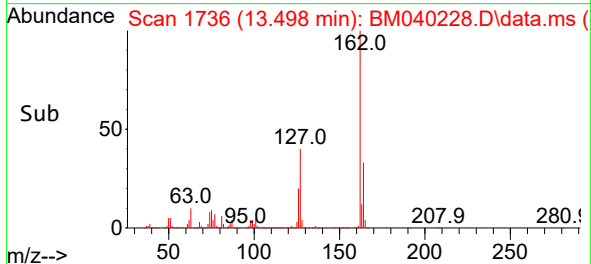
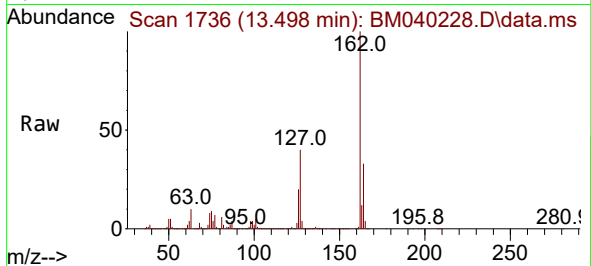




#47
2-Chloronaphthalene
Concen: 43.976 ng
RT: 13.498 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

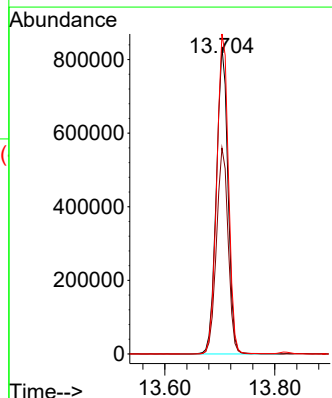
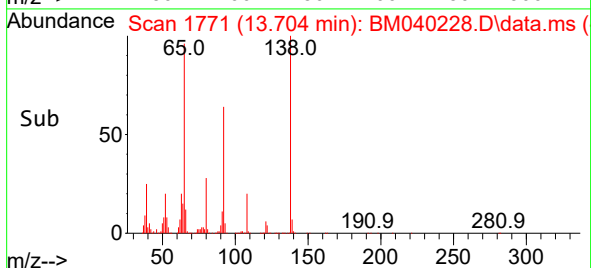
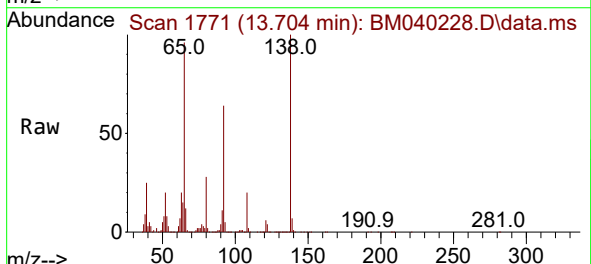
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

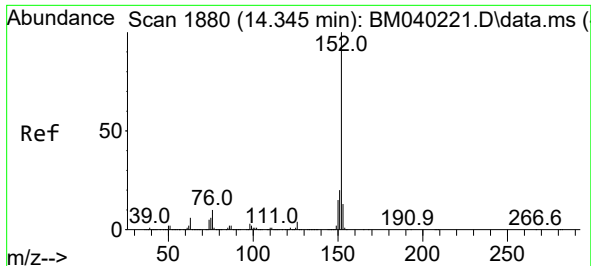
Tgt Ion:162 Resp: 3700510
Ion Ratio Lower Upper
162 100
127 40.2 32.7 49.1
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 44.290 ng
RT: 13.704 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion: 65 Resp: 1228606
Ion Ratio Lower Upper
65 100
92 67.1 54.1 81.1
138 104.3 86.0 129.0

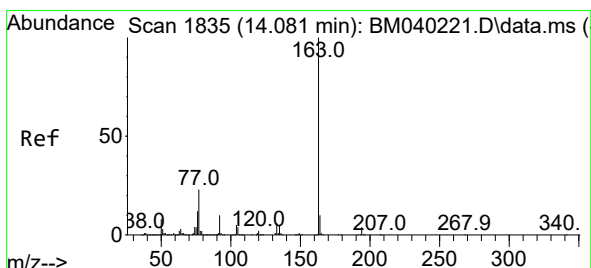
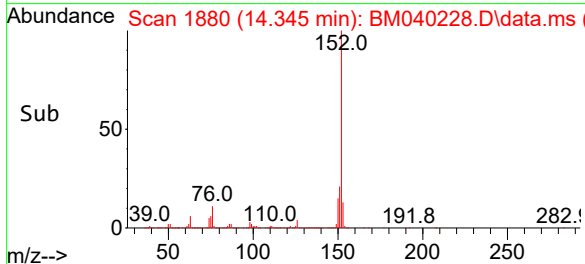
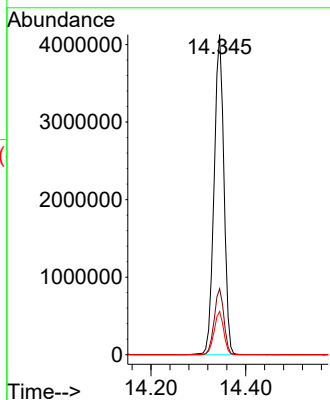
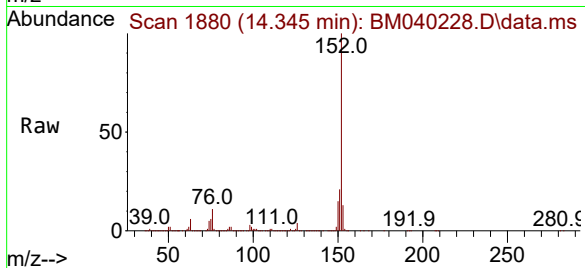




#49
Acenaphthylene
Concen: 42.244 ng
RT: 14.345 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

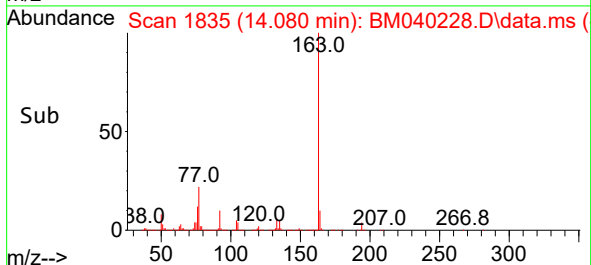
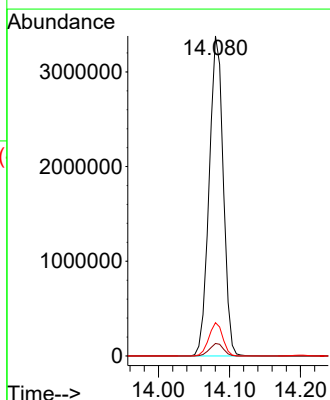
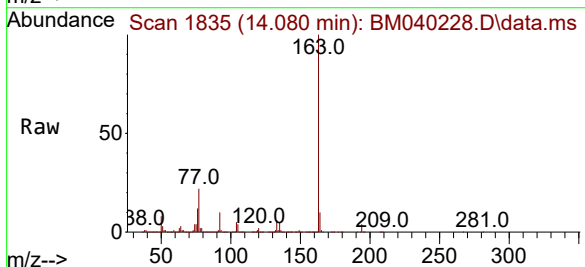
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

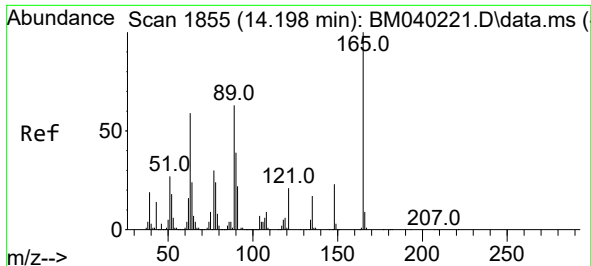
Tgt Ion:152 Resp: 5929578
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 40.689 ng
RT: 14.080 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:163 Resp: 4661120
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.1 12.1

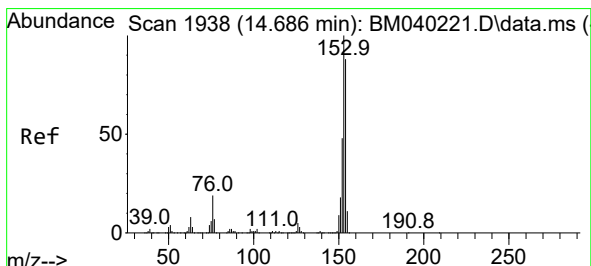
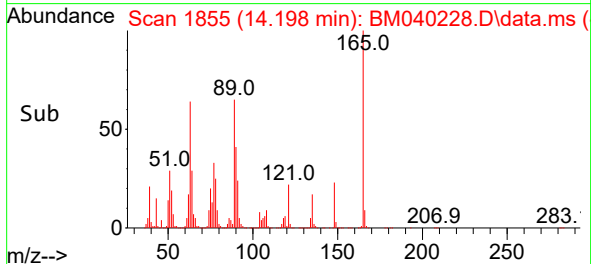
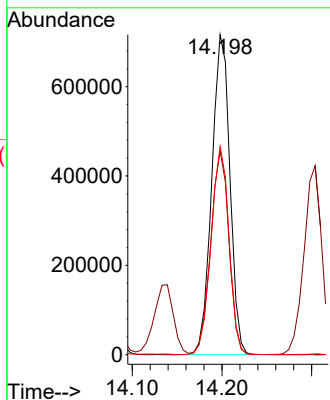
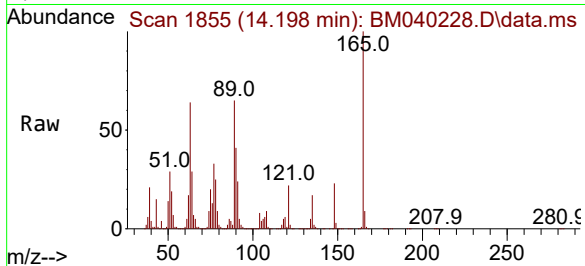




#51
2,6-Dinitrotoluene
Concen: 43.022 ng
RT: 14.198 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

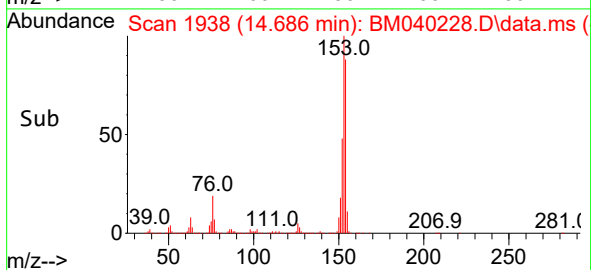
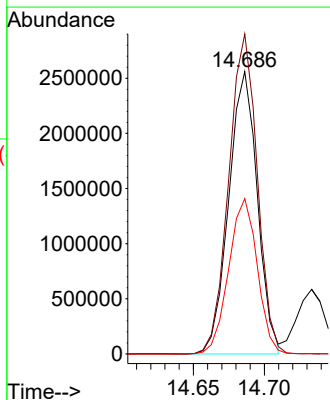
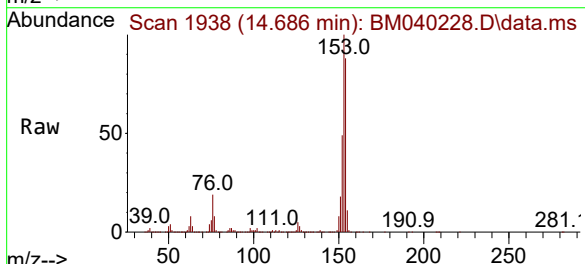
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

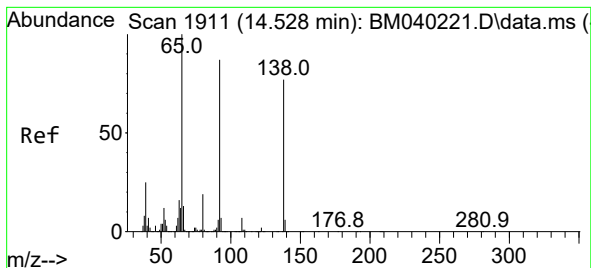
Tgt Ion:165 Resp: 1002761
Ion Ratio Lower Upper
165 100
63 63.7 49.8 74.8
89 65.0 50.2 75.4



#52
Acenaphthene
Concen: 41.829 ng
RT: 14.686 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:154 Resp: 3582026
Ion Ratio Lower Upper
154 100
153 113.3 90.9 136.3
152 55.0 43.8 65.8

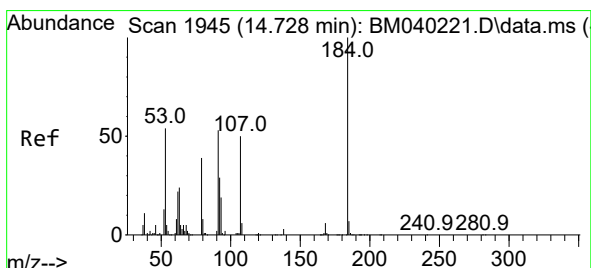
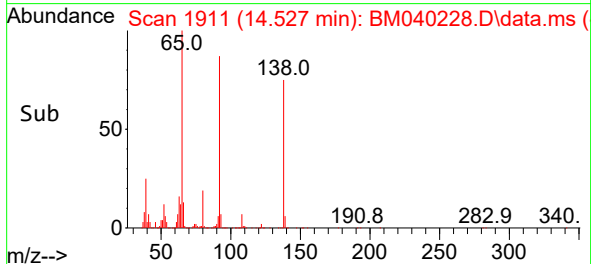
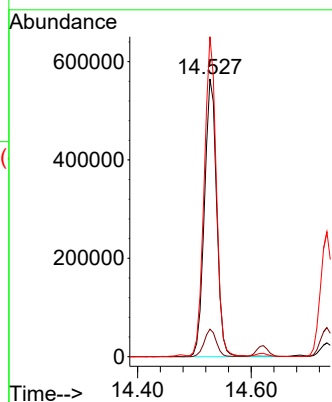
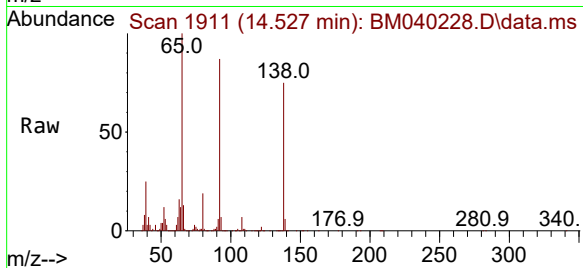




#53
3-Nitroaniline
Concen: 30.407 ng
RT: 14.527 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

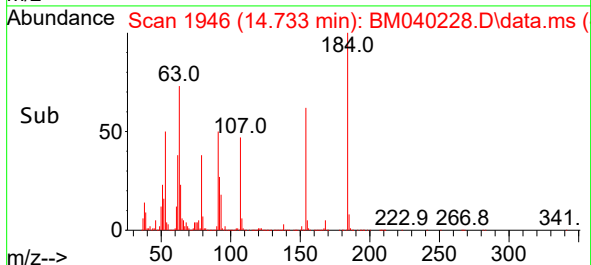
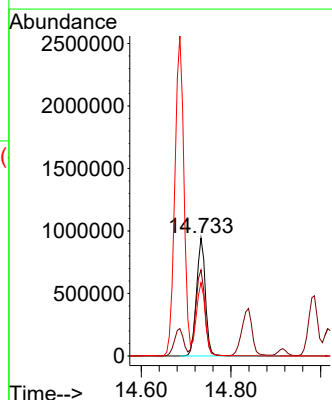
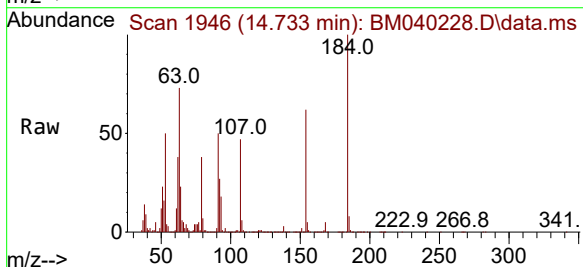
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

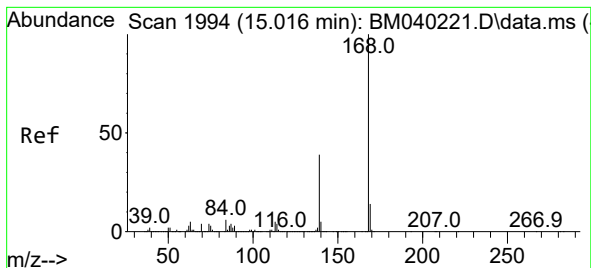
Tgt Ion:138 Resp: 842015
Ion Ratio Lower Upper
138 100
108 9.9 7.7 11.5
92 115.2 90.3 135.5



#54
2,4-Dinitrophenol
Concen: 86.630 ng
RT: 14.733 min Scan# 1946
Delta R.T. 0.005 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:184 Resp: 1297375
Ion Ratio Lower Upper
184 100
63 73.1 63.8 95.8
154 62.1 52.6 79.0





#55

Dibenzenofuran

Concen: 40.896 ng

RT: 15.016 min Scan# 1994

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

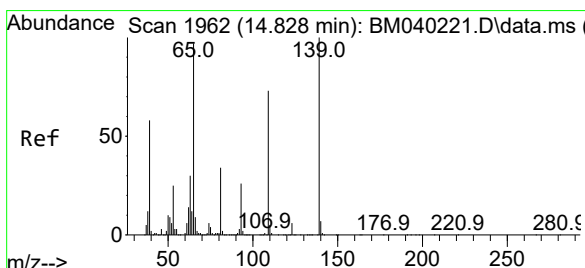
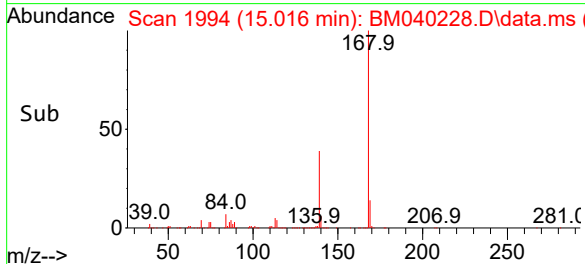
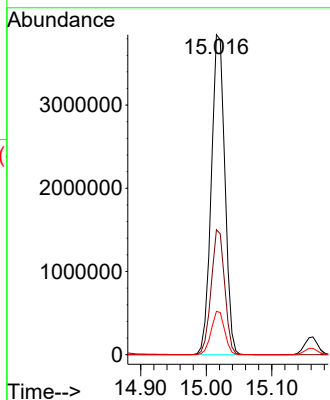
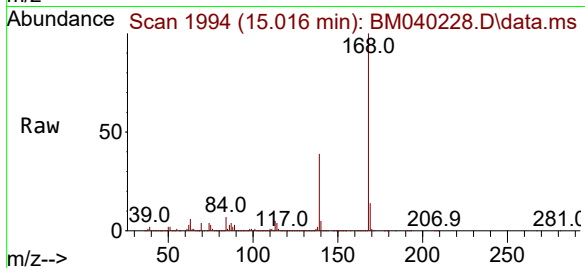
Tgt Ion:168 Resp: 5540024

Ion Ratio Lower Upper

168 100

139 39.0 31.2 46.8

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 90.453 ng

RT: 14.839 min Scan# 1964

Delta R.T. 0.011 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

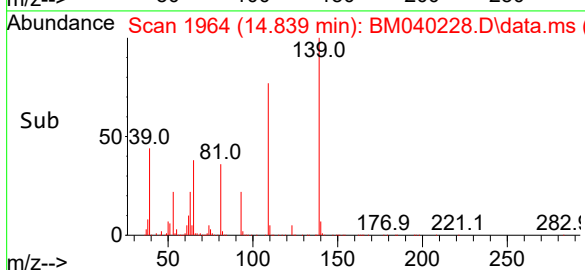
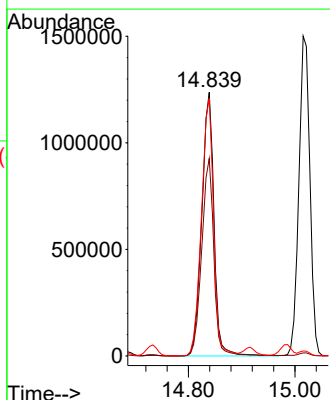
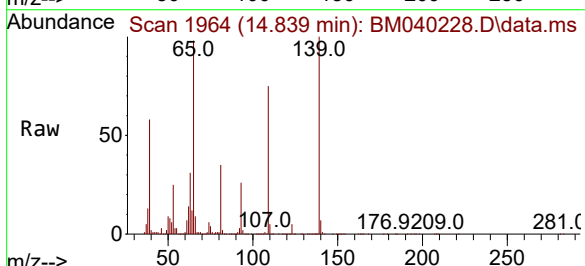
Tgt Ion:139 Resp: 1957798

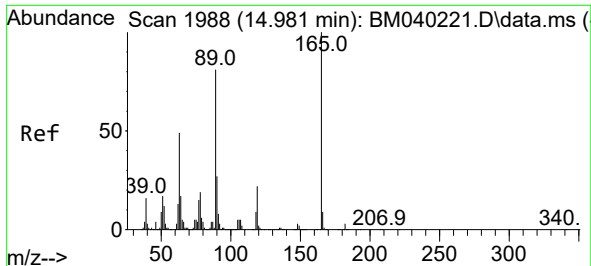
Ion Ratio Lower Upper

139 100

109 74.9 53.1 93.1

65 97.8 77.4 117.4





#57

2,4-Dinitrotoluene

Concen: 43.197 ng

RT: 14.986 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

Tgt Ion:165 Resp: 1356849

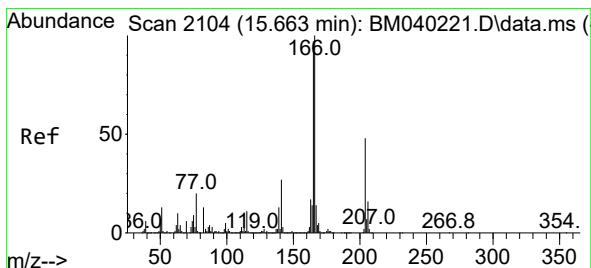
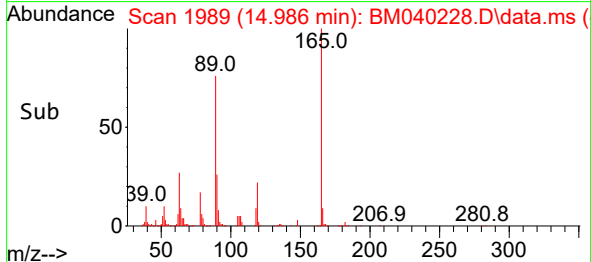
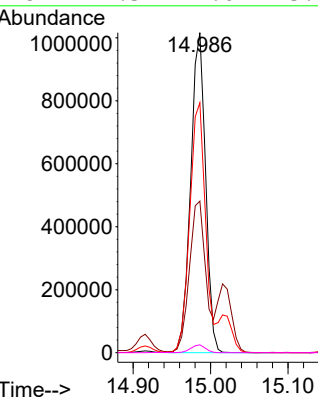
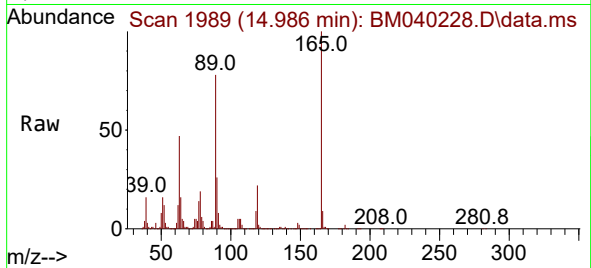
Ion Ratio Lower Upper

165 100

63 47.3 39.0 58.4

89 78.1 64.6 96.8

182 2.5 2.0 3.0



#58

Fluorene

Concen: 41.114 ng

RT: 15.668 min Scan# 2105

Delta R.T. 0.006 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

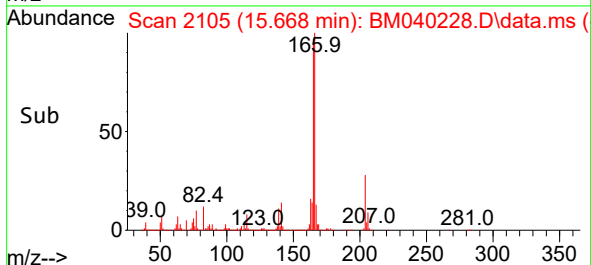
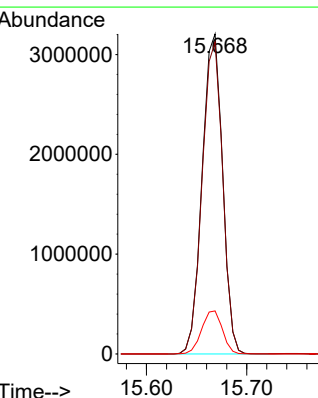
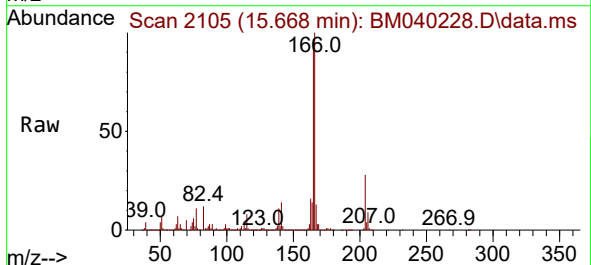
Tgt Ion:166 Resp: 4534576

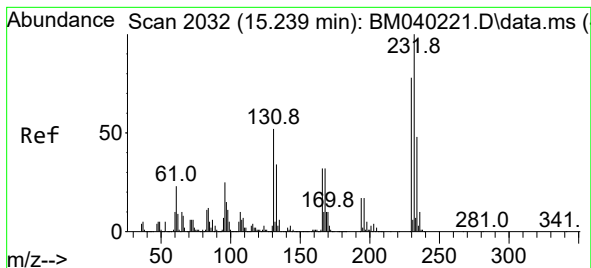
Ion Ratio Lower Upper

166 100

165 97.4 77.7 116.5

167 13.4 11.1 16.7

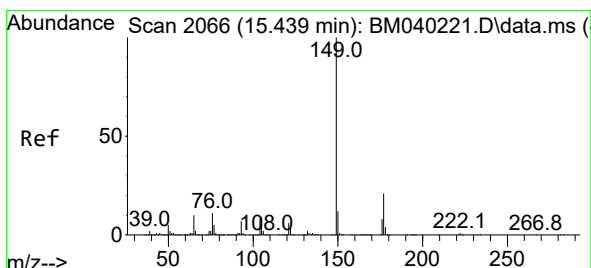
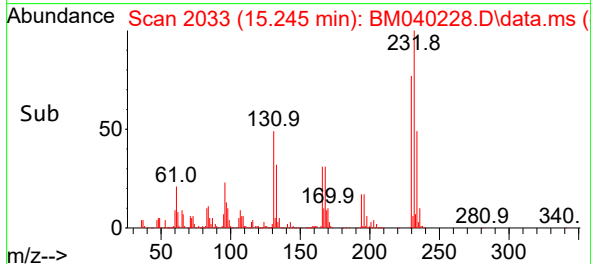
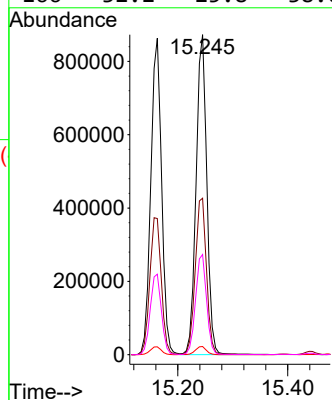
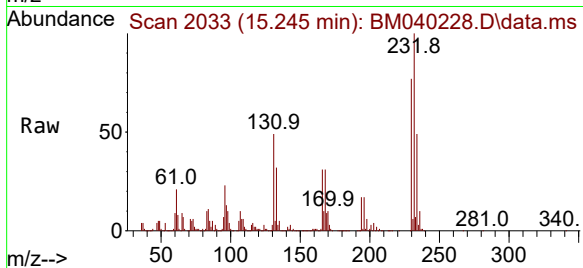




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.811 ng
RT: 15.245 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

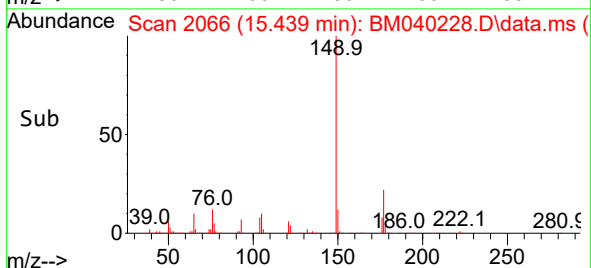
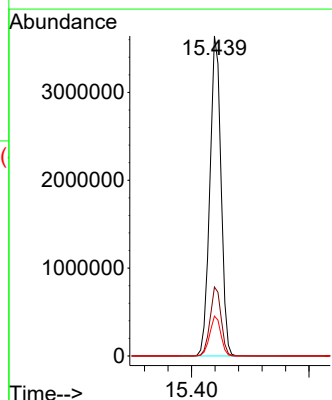
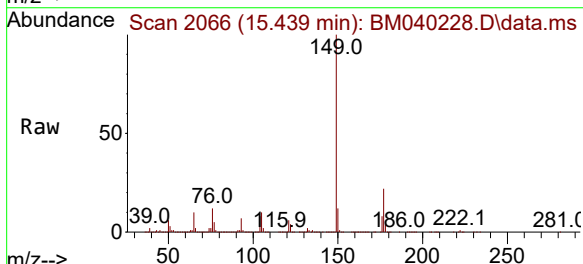
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

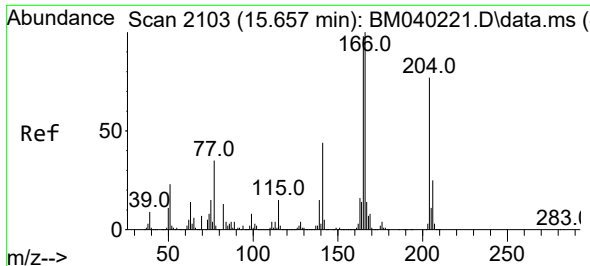
Tgt Ion:232 Resp: 1178434
Ion Ratio Lower Upper
232 100
131 51.1 41.9 62.9
130 2.7 2.2 3.2
166 32.2 25.8 38.6



#60
Diethylphthalate
Concen: 40.534 ng
RT: 15.439 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:149 Resp: 4771112
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.4 9.8 14.8

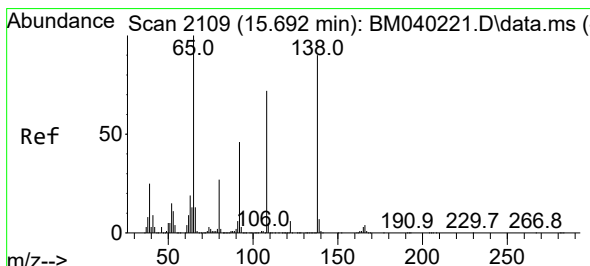
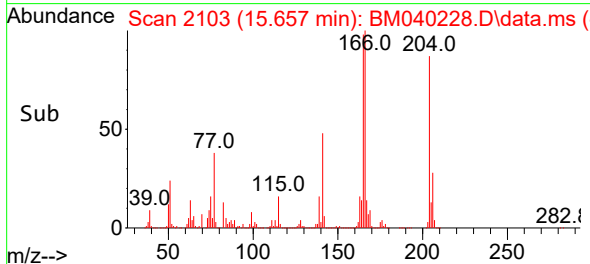
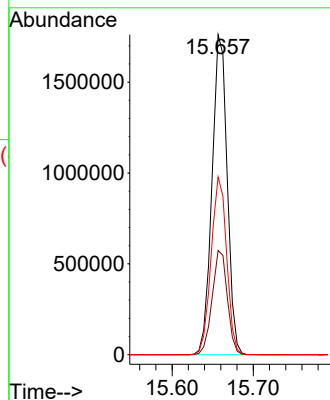
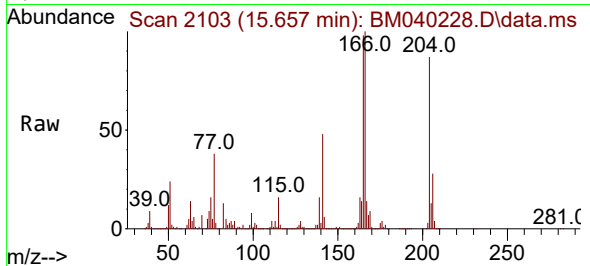




#61
4-Chlorophenyl-phenylether
Concen: 42.041 ng
RT: 15.657 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

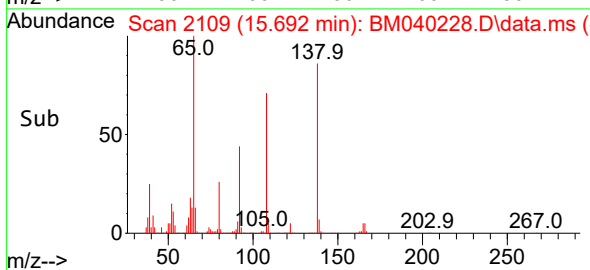
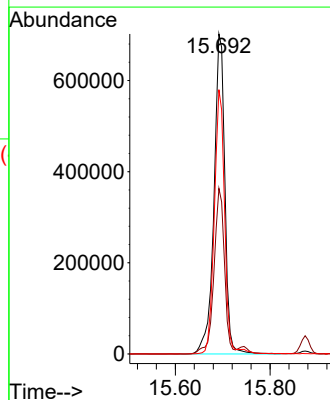
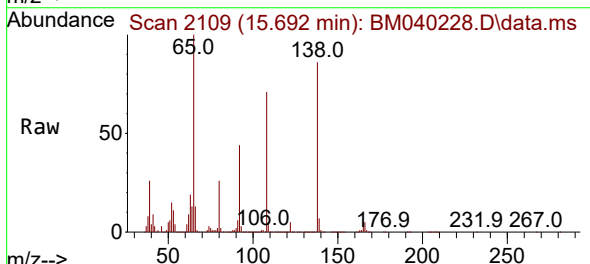
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

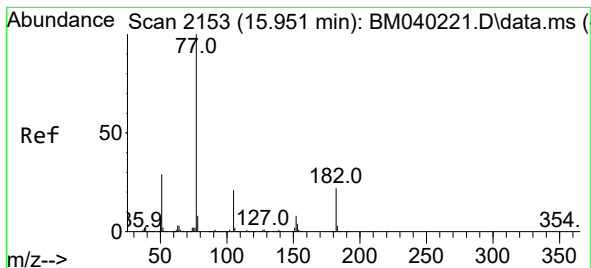
Tgt Ion:204 Resp: 2280489
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 55.5 46.4 69.6



#62
4-Nitroaniline
Concen: 39.510 ng
RT: 15.692 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:138 Resp: 1124233
Ion Ratio Lower Upper
138 100
92 51.7 30.9 70.9
108 82.6 60.7 100.7

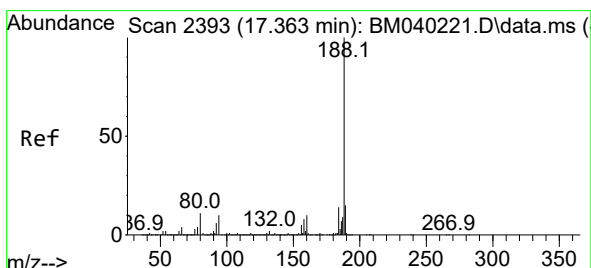
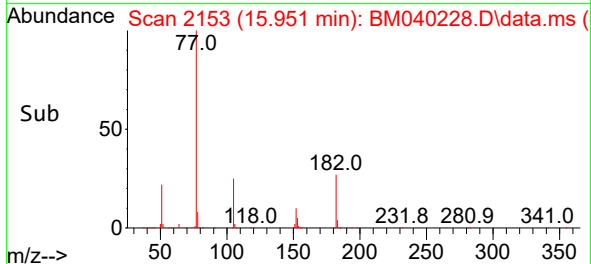
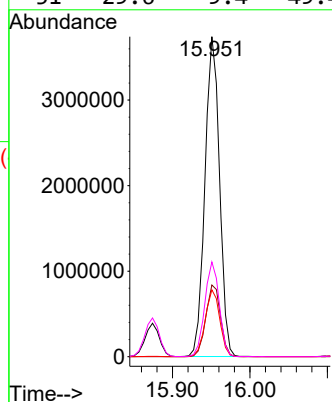
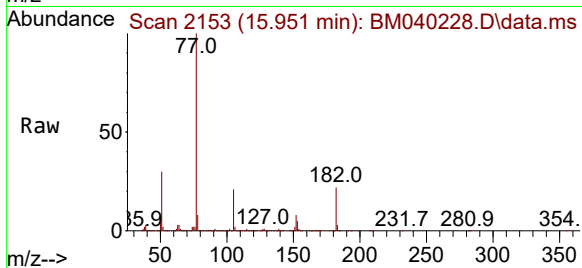




#63
Azobenzene
Concen: 41.318 ng
RT: 15.951 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

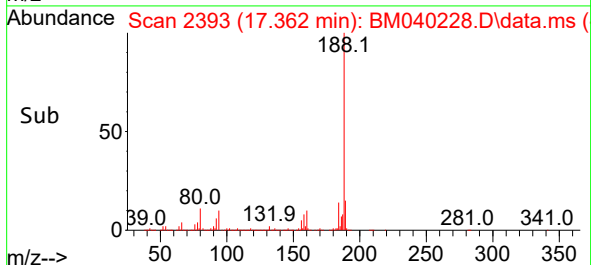
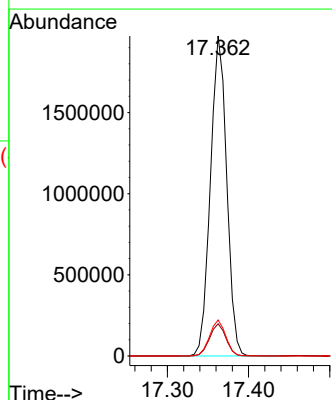
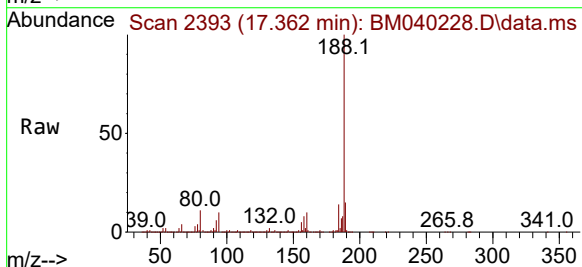
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

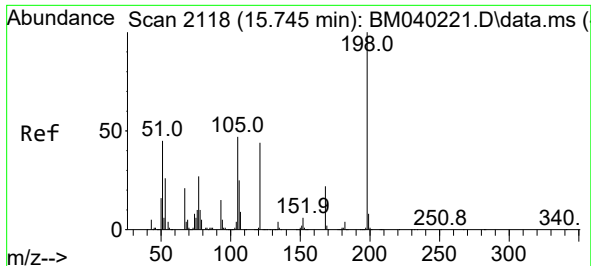
Tgt Ion: 77 Resp: 4883959
Ion Ratio Lower Upper
77 100
182 22.4 2.1 42.1
105 20.9 1.2 41.2
51 29.6 9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:188 Resp: 2739866
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 11.2 8.6 12.8

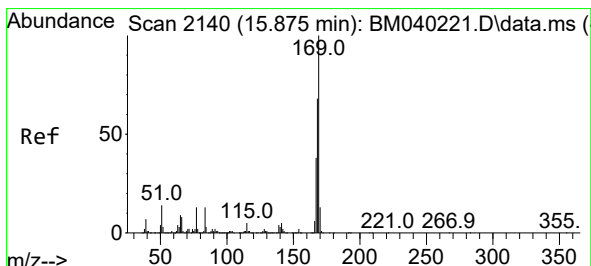
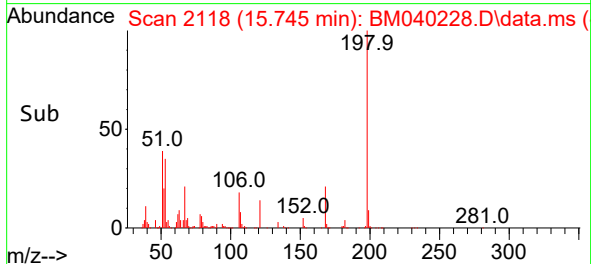
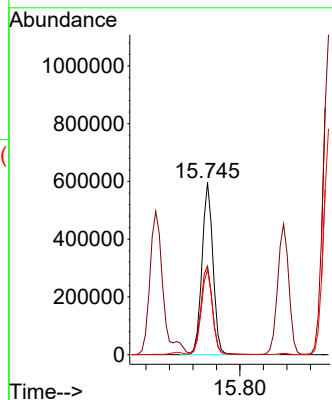
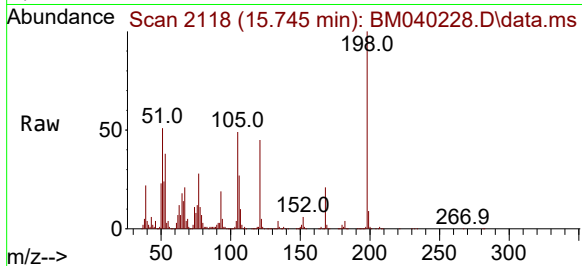




#65
4,6-Dinitro-2-methylphenol
Concen: 47.034 ng
RT: 15.745 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

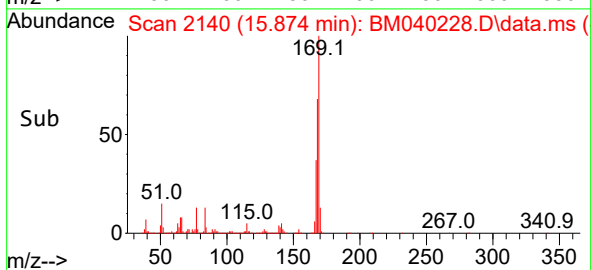
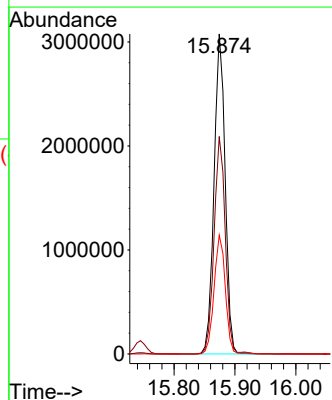
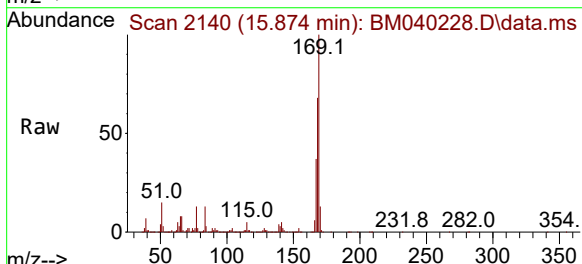
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

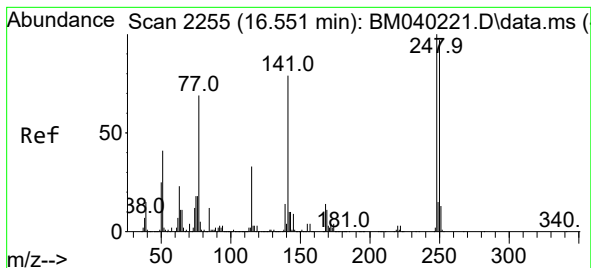
Tgt Ion:198 Resp: 772620
Ion Ratio Lower Upper
198 100
51 51.5 30.9 70.9
105 49.4 28.6 68.6



#66
n-Nitrosodiphenylamine
Concen: 45.045 ng
RT: 15.874 min Scan# 2140
Delta R.T. -0.001 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:169 Resp: 3894563
Ion Ratio Lower Upper
169 100
168 67.9 54.5 81.7
167 37.1 30.3 45.5

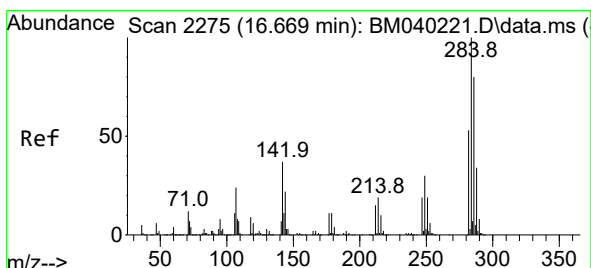
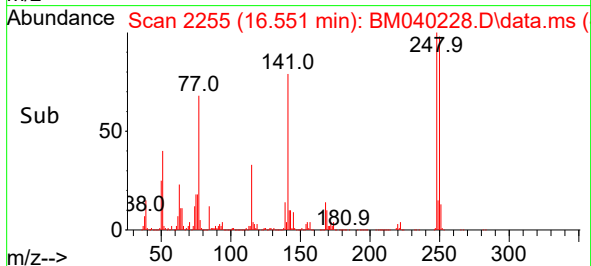
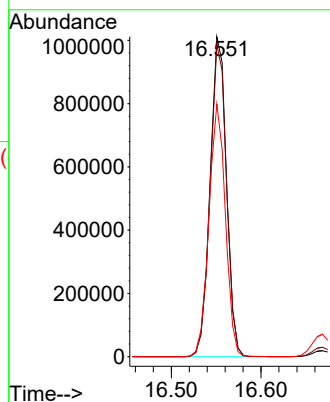
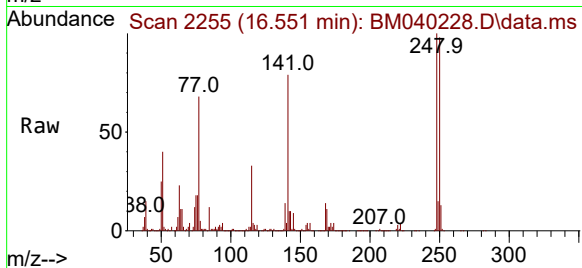




#67
4-Bromophenyl-phenylether
Concen: 44.667 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

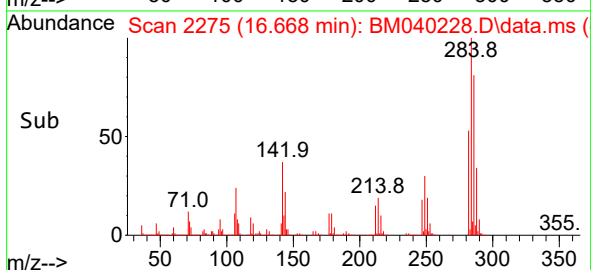
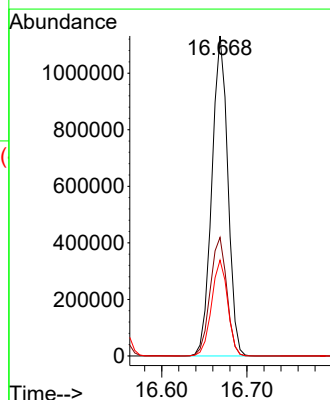
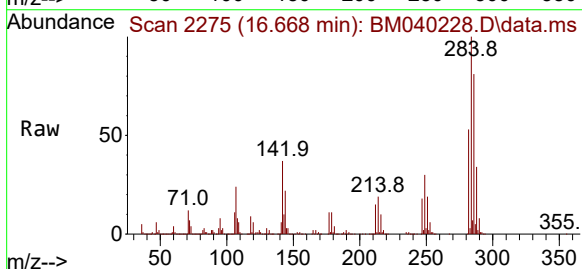
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

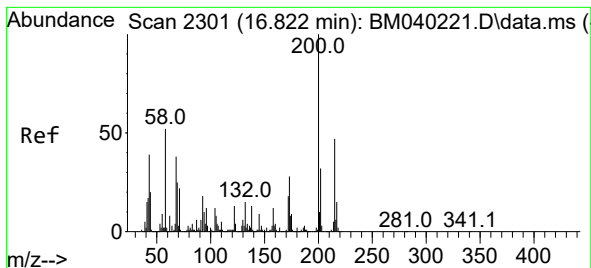
Tgt Ion:248 Resp: 1281187
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 78.9 63.4 95.0



#68
Hexachlorobenzene
Concen: 46.514 ng
RT: 16.668 min Scan# 2275
Delta R.T. -0.001 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:284 Resp: 1473755
Ion Ratio Lower Upper
284 100
142 37.0 29.5 44.3
249 30.0 24.2 36.2





#69

Atrazine

Concen: 44.632 ng

RT: 16.827 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

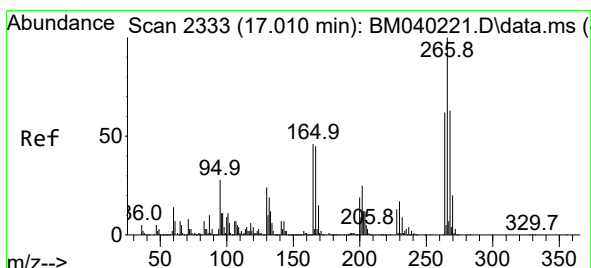
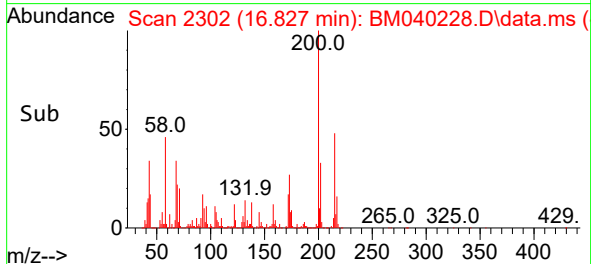
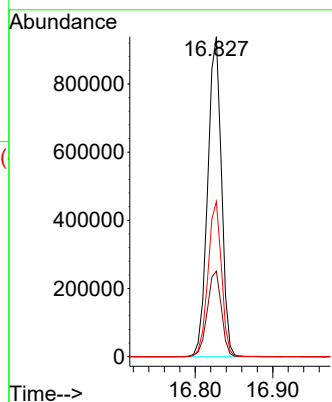
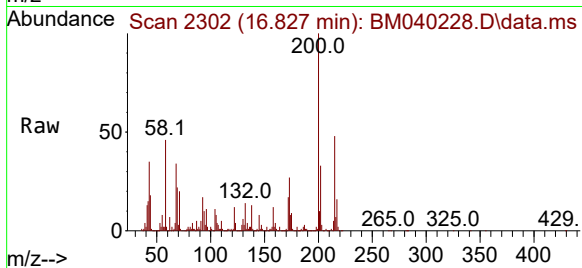
Tgt Ion:200 Resp: 1154868

Ion Ratio Lower Upper

200 100

173 26.8 7.6 47.6

215 48.5 26.7 66.7



#70

Pentachlorophenol

Concen: 88.476 ng

RT: 17.015 min Scan# 2334

Delta R.T. 0.005 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

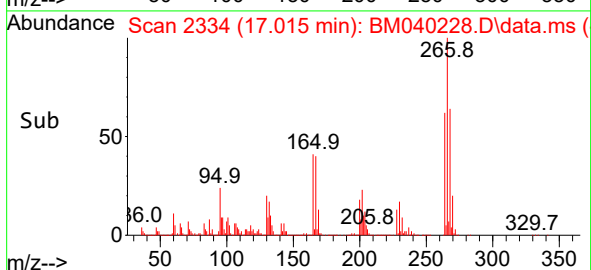
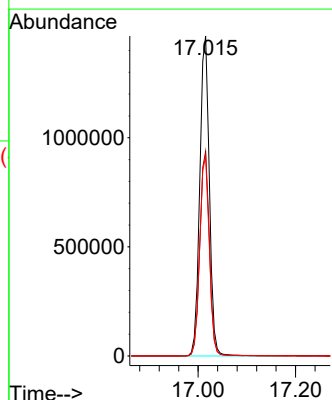
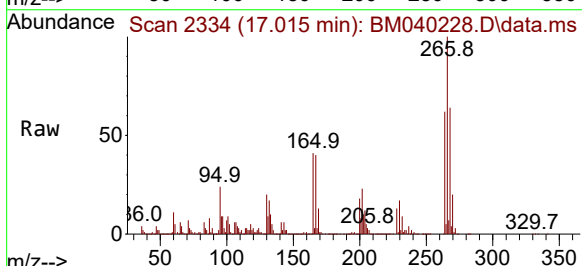
Tgt Ion:266 Resp: 2009801

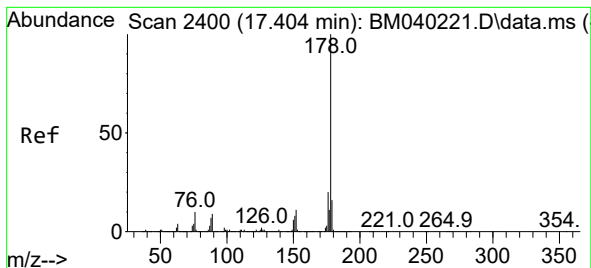
Ion Ratio Lower Upper

266 100

268 63.9 50.6 75.8

264 62.4 49.8 74.8





#71

Phenanthrene

Concen: 43.109 ng

RT: 17.410 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

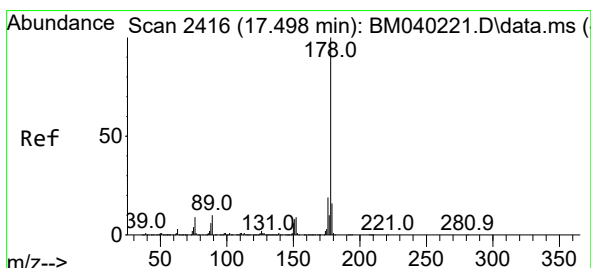
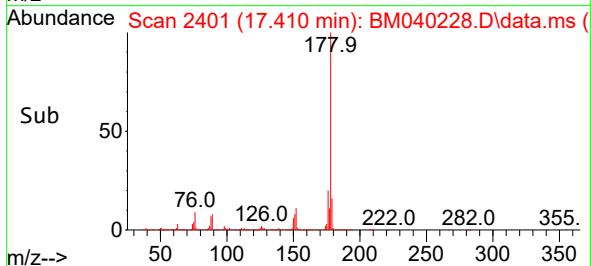
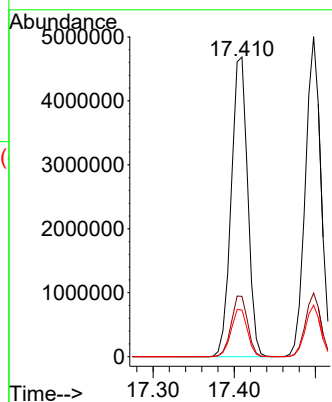
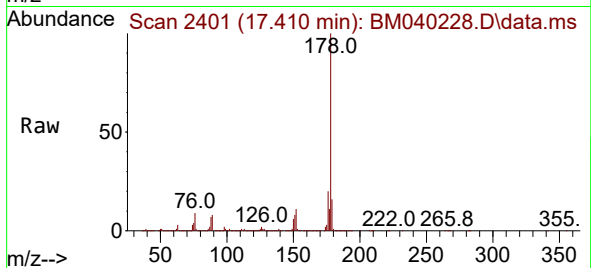
Tgt Ion:178 Resp: 6572428

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 15.6 12.6 18.8



#72

Anthracene

Concen: 43.318 ng

RT: 17.498 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

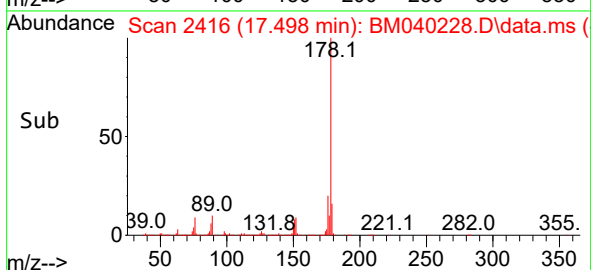
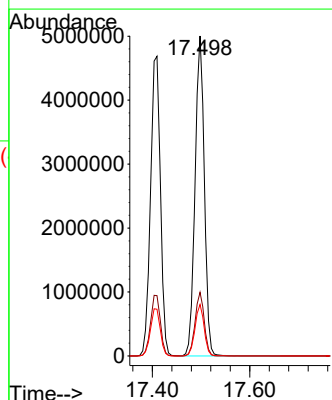
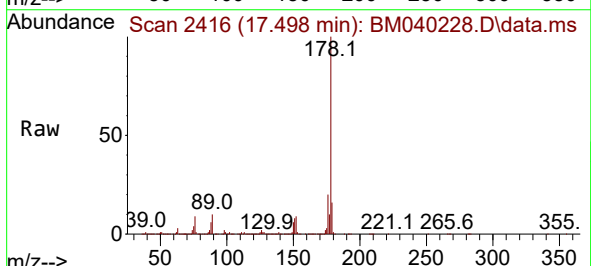
Tgt Ion:178 Resp: 6669061

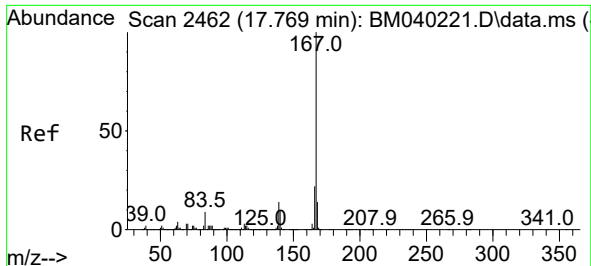
Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 16.1 12.4 18.6

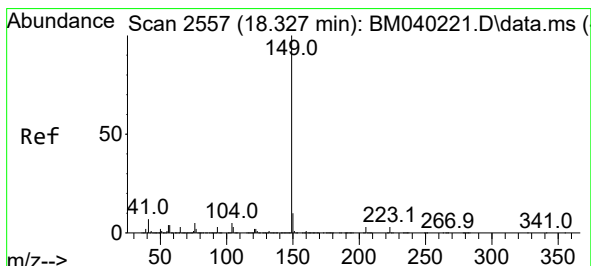
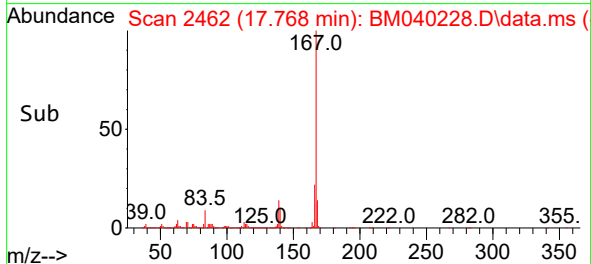
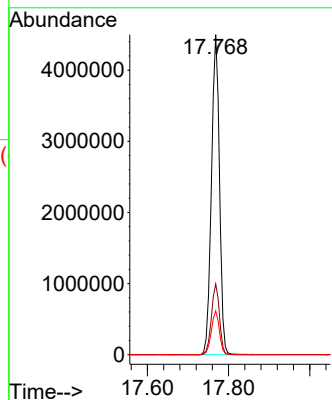
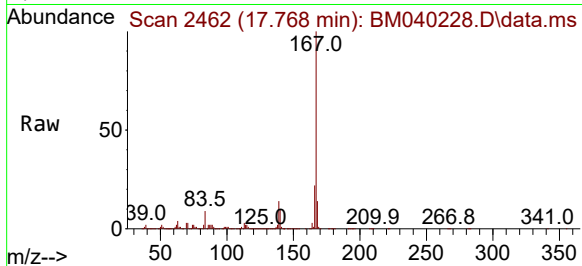




#73
 Carbazole
 Concen: 42.465 ng
 RT: 17.768 min Scan# 2462
 Delta R.T. -0.000 min
 Lab File: BM040228.D
 Acq: 13 Jun 2023 16:54

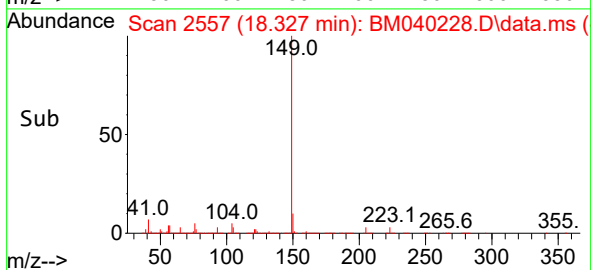
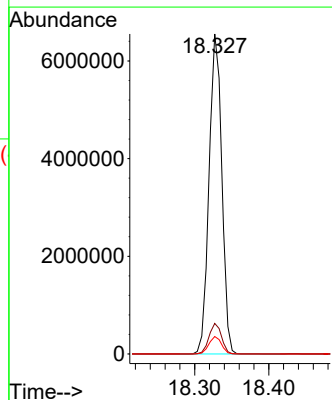
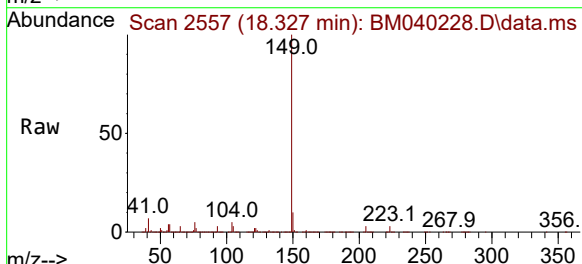
Instrument :
 BNA_M
 ClientSampleId :
 PB153264BSD

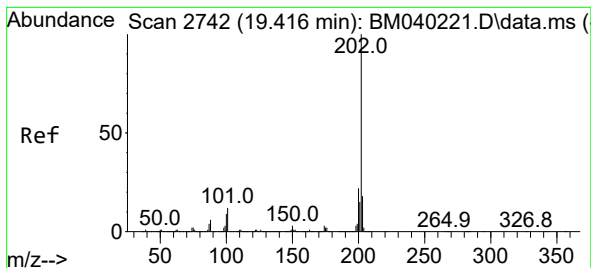
Tgt Ion:167 Resp: 6151074
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 43.582 ng
 RT: 18.327 min Scan# 2557
 Delta R.T. 0.000 min
 Lab File: BM040228.D
 Acq: 13 Jun 2023 16:54

Tgt Ion:149 Resp: 7830023
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 40.151 ng

RT: 19.415 min Scan# 21

Delta R.T. -0.001 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

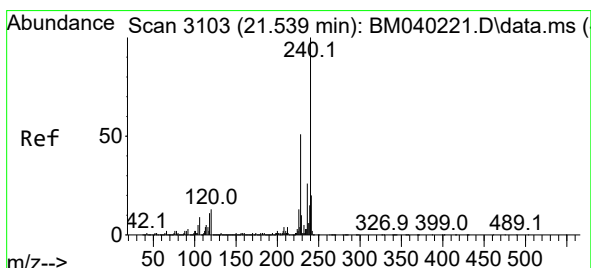
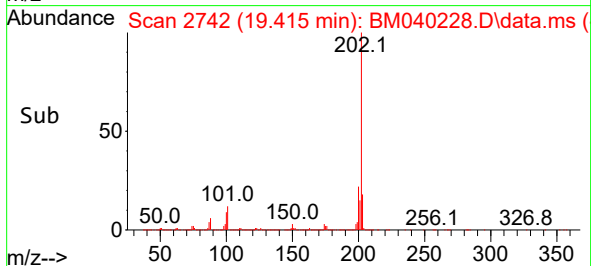
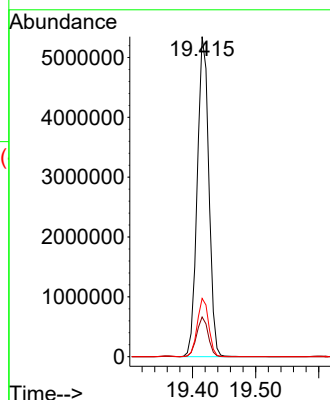
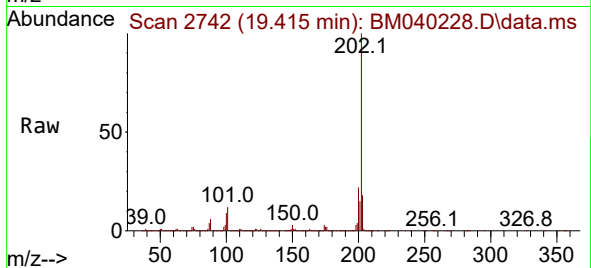
Tgt Ion:202 Resp: 6784751

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.5

203 18.2 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

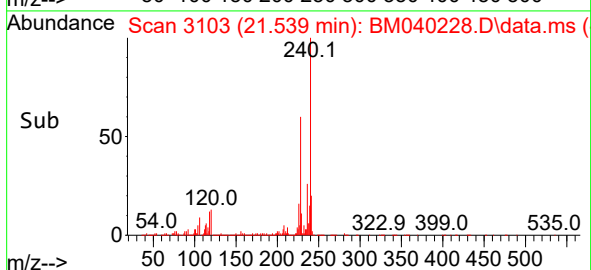
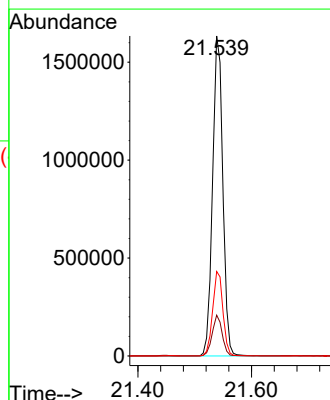
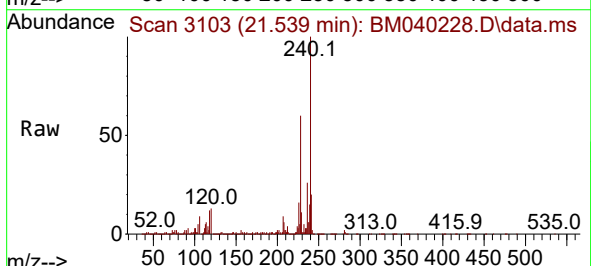
Tgt Ion:240 Resp: 2036482

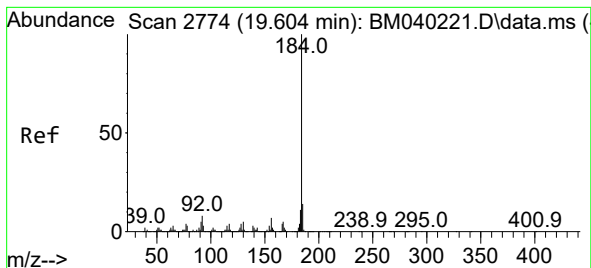
Ion Ratio Lower Upper

240 100

120 12.7 10.1 15.1

236 26.4 21.0 31.4





#77

Benzidine

Concen: 50.174 ng

RT: 19.603 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

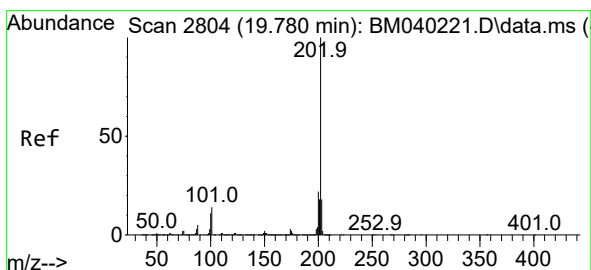
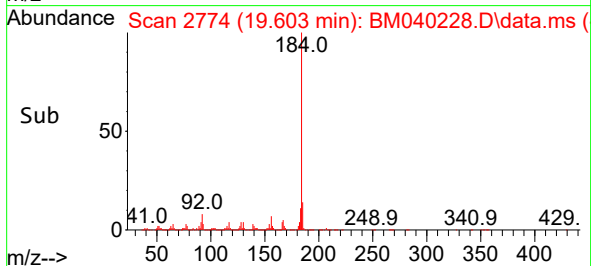
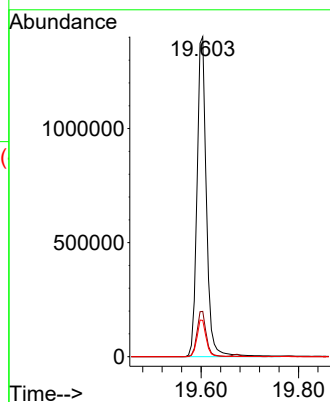
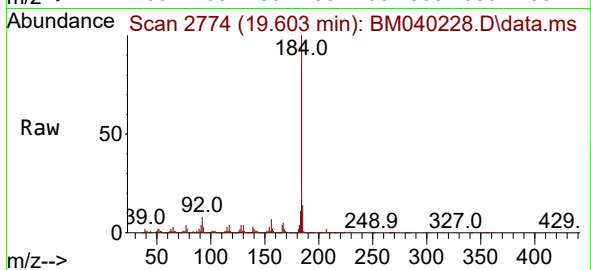
Tgt Ion:184 Resp: 1897539

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

183 11.3 9.2 13.8



#78

Pyrene

Concen: 50.775 ng

RT: 19.780 min Scan# 2804

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

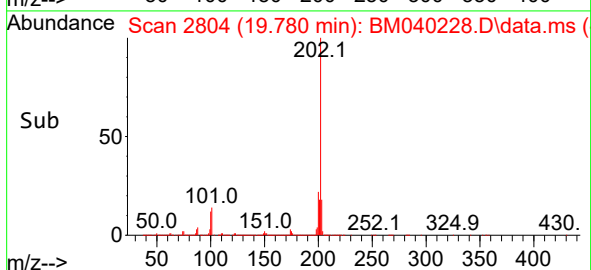
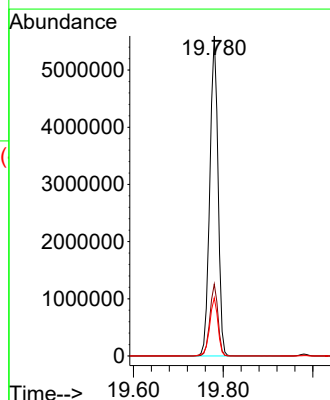
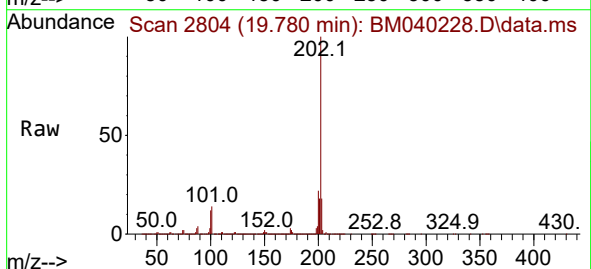
Tgt Ion:202 Resp: 7092968

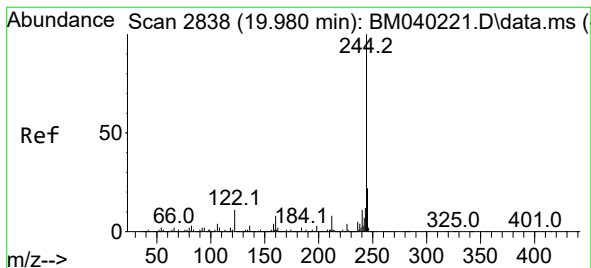
Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

203 18.2 14.3 21.5





#79

Terphenyl-d14

Concen: 108.095 ng

RT: 19.980 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

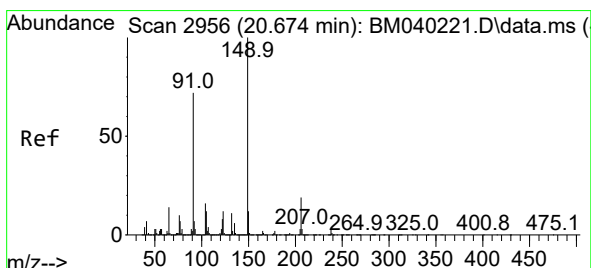
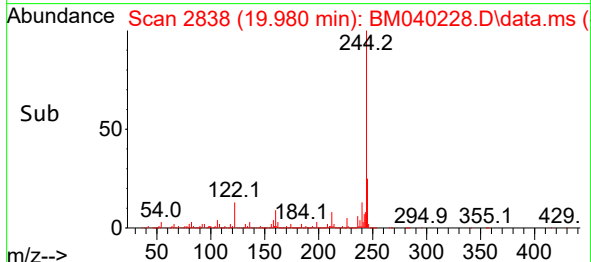
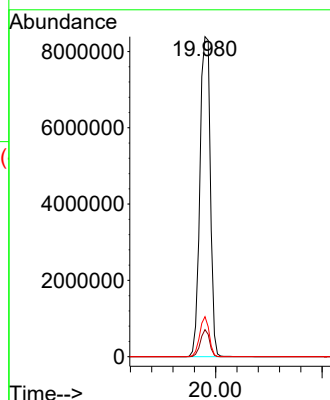
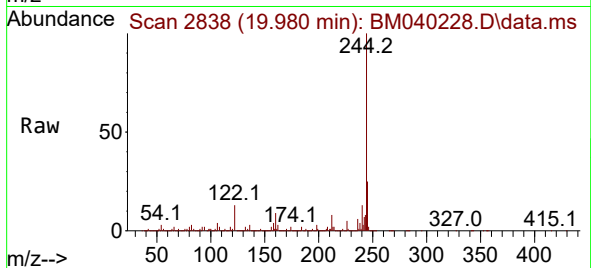
Tgt Ion:244 Resp:11329068

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

122 12.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 48.882 ng

RT: 20.674 min Scan# 2956

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

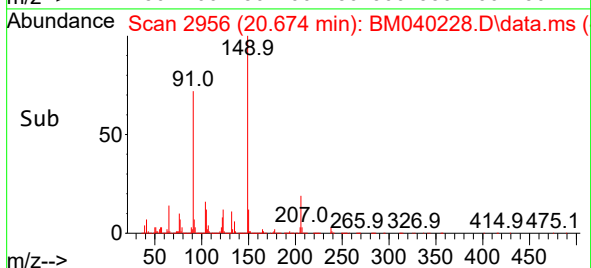
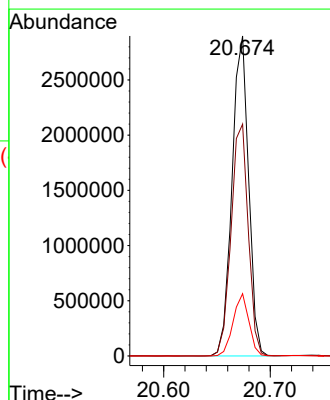
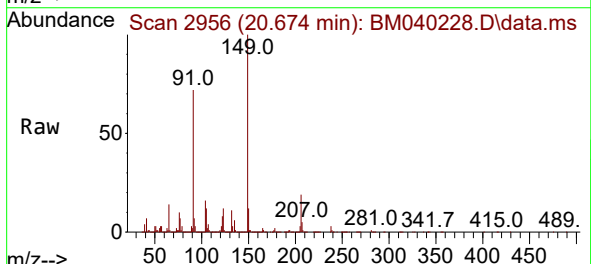
Tgt Ion:149 Resp: 3127524

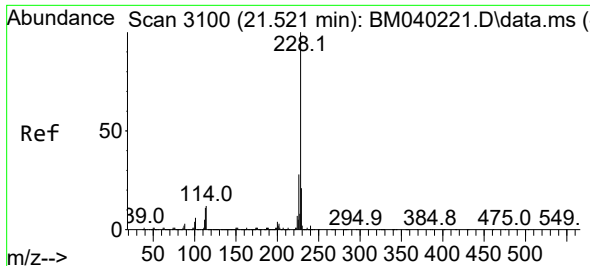
Ion Ratio Lower Upper

149 100

91 72.5 58.0 87.0

206 19.4 15.5 23.3

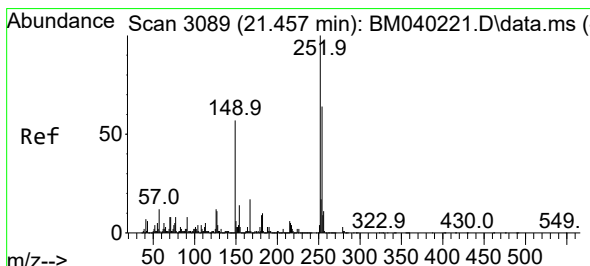
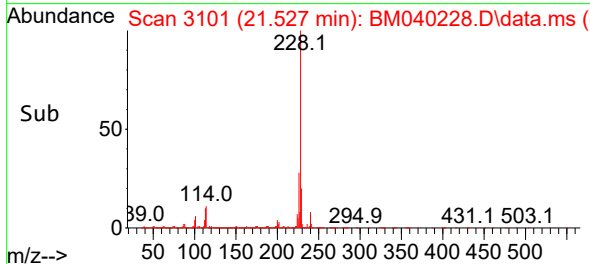
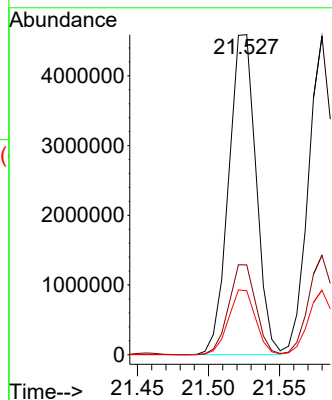
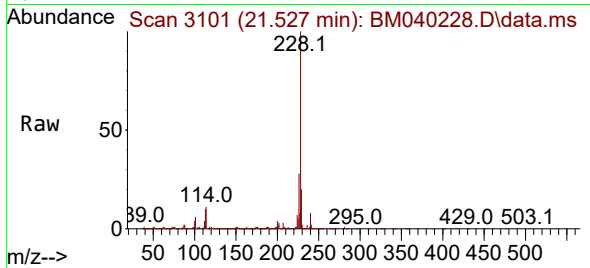




#81
Benzo(a)anthracene
Concen: 44.469 ng
RT: 21.527 min Scan# 3101
Delta R.T. 0.006 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

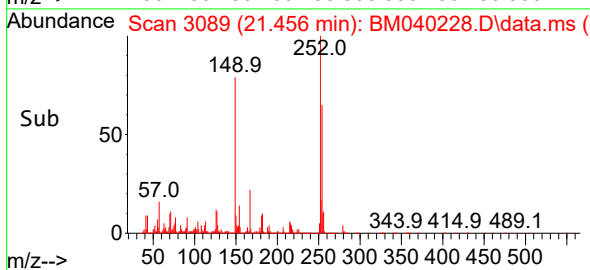
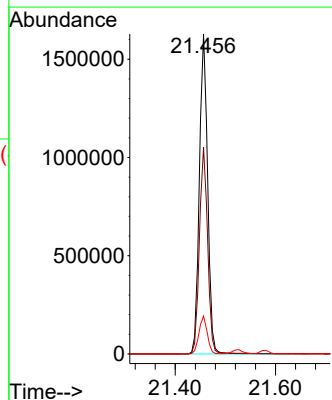
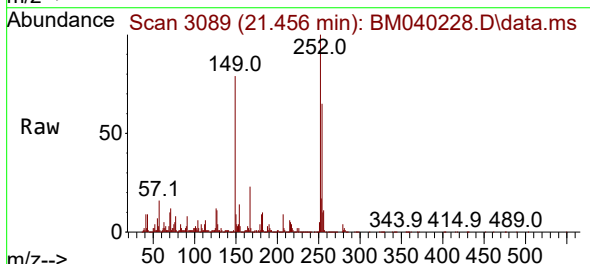
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

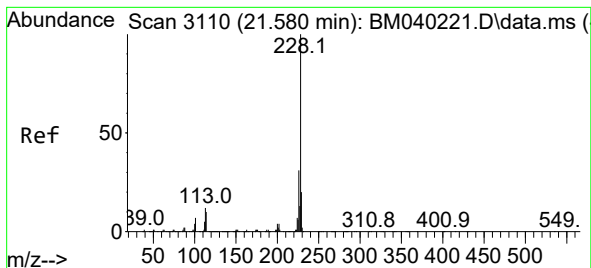
Tgt Ion:228 Resp: 6169726
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.9 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 39.015 ng
RT: 21.456 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:252 Resp: 1853819
Ion Ratio Lower Upper
252 100
254 64.5 51.6 77.4
126 11.9 9.4 14.0





#83

Chrysene

Concen: 42.605 ng

RT: 21.580 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

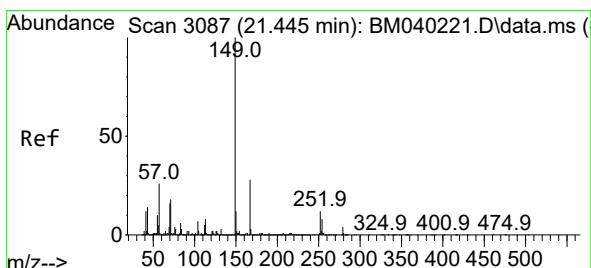
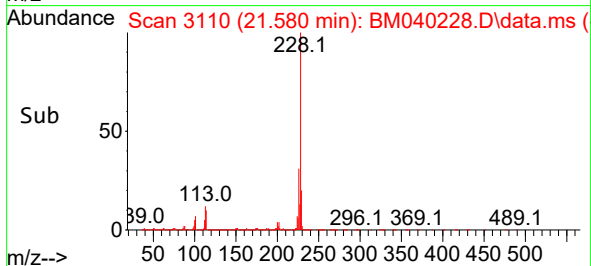
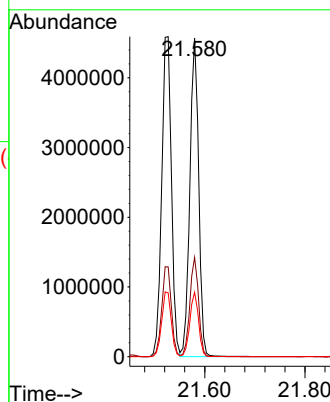
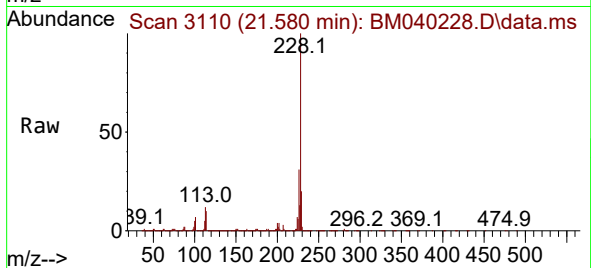
Tgt Ion:228 Resp: 5593651

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

229 20.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.683 ng

RT: 21.445 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

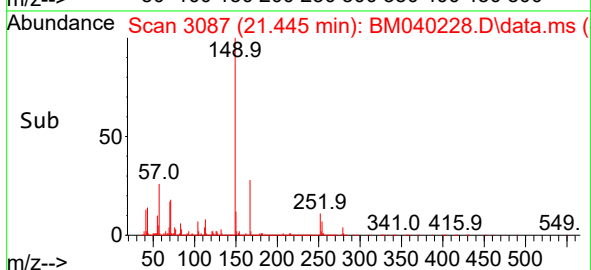
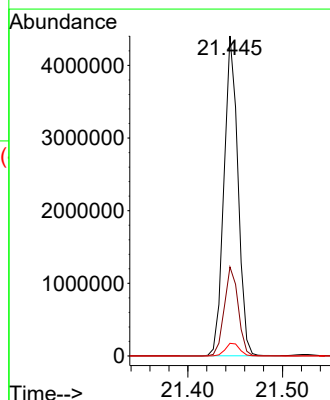
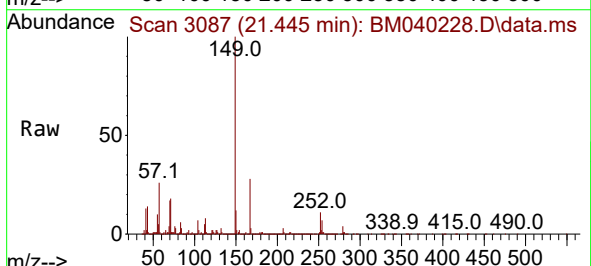
Tgt Ion:149 Resp: 4520108

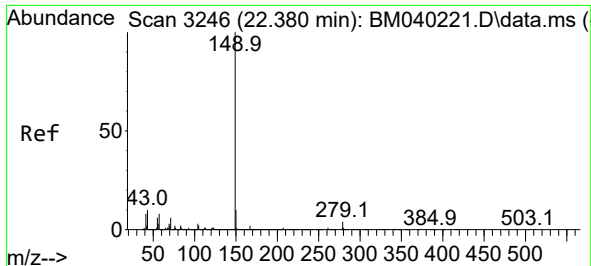
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.0 3.3 4.9

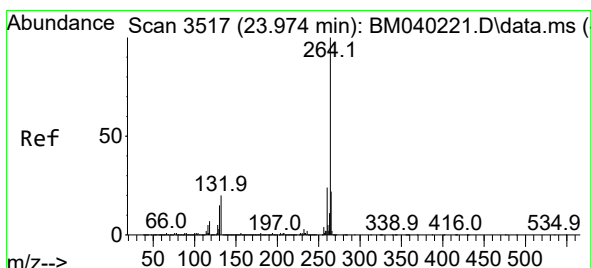
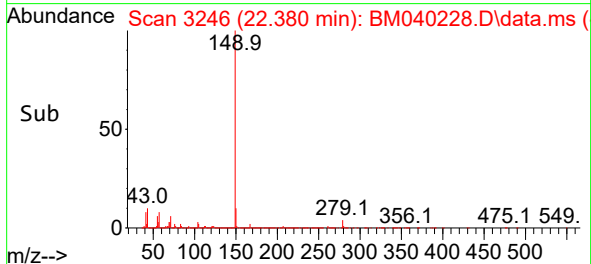
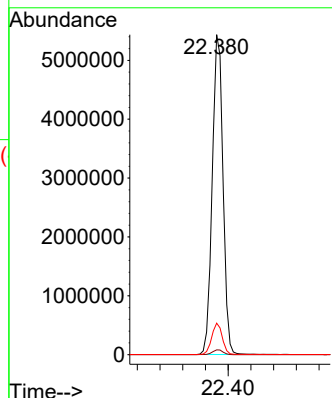
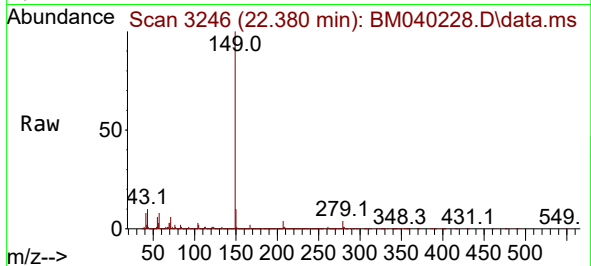




#85
Di-n-octyl phthalate
Concen: 43.812 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

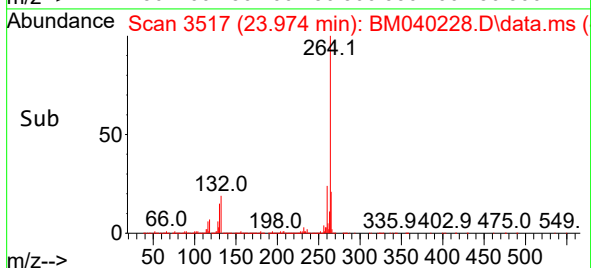
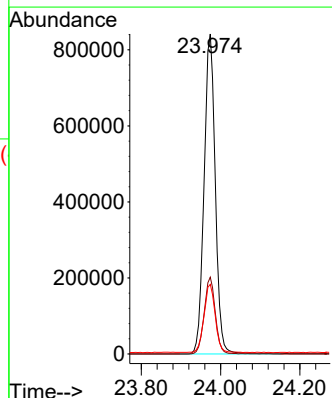
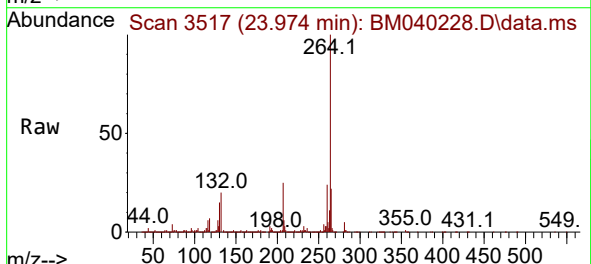
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

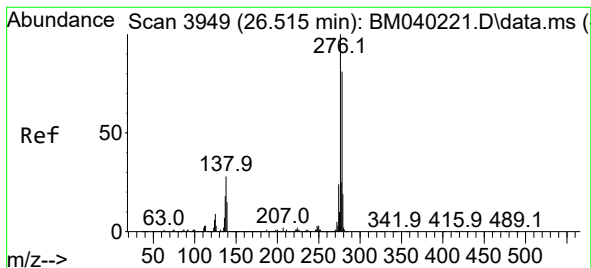
Tgt Ion:149 Resp: 7085900
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.6 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.974 min Scan# 3517
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:264 Resp: 1653517
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.483 ng

RT: 26.515 min Scan# 3949

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

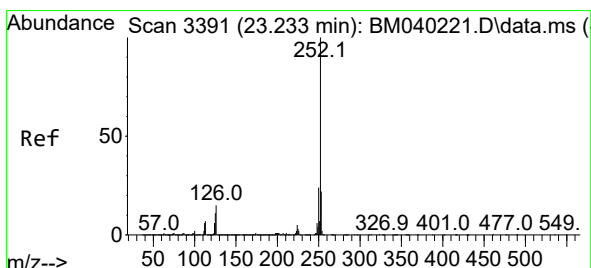
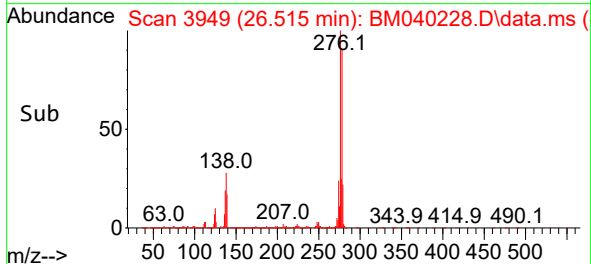
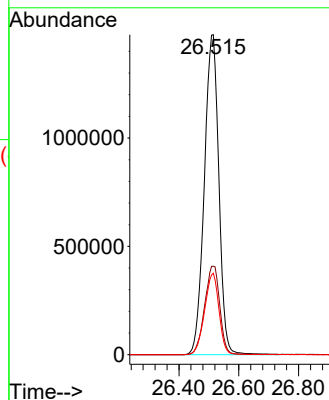
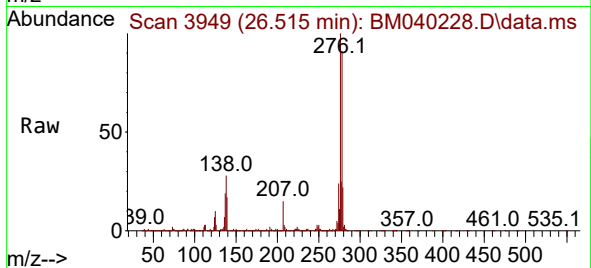
Tgt Ion:276 Resp: 4981744

Ion Ratio Lower Upper

276 100

138 28.9 22.7 34.1

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 51.391 ng

RT: 23.233 min Scan# 3391

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

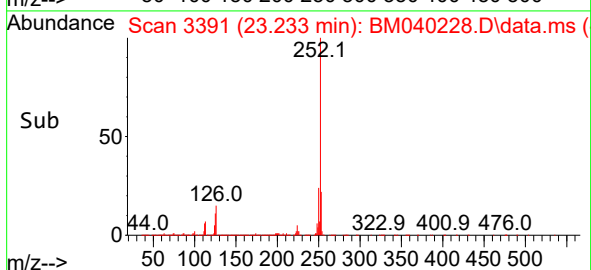
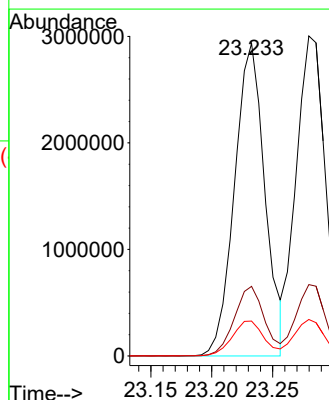
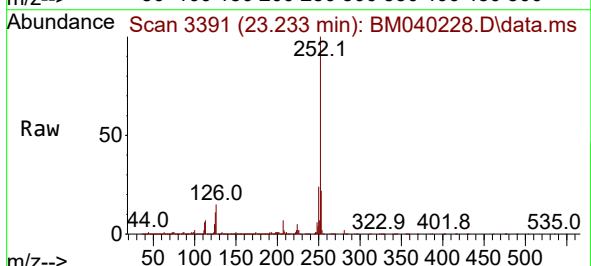
Tgt Ion:252 Resp: 5086398

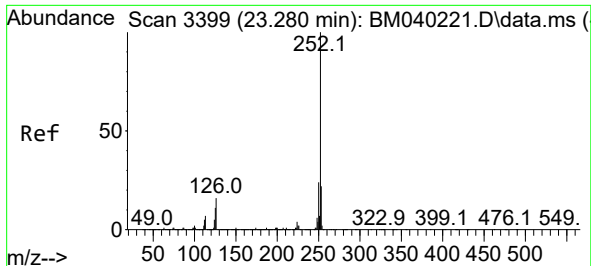
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 11.2 8.8 13.2

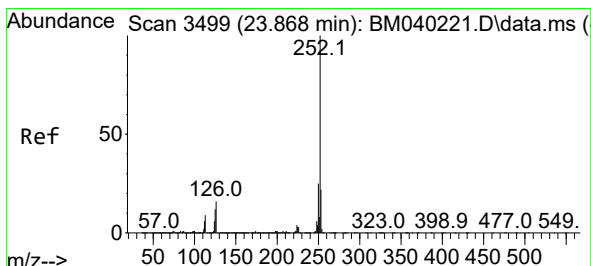
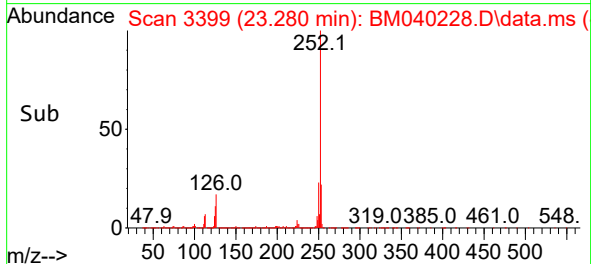
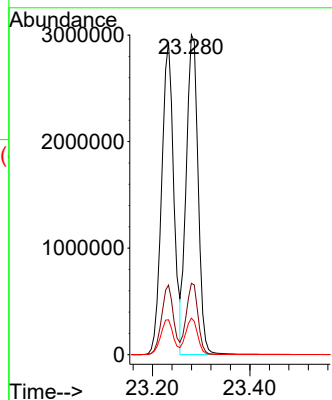
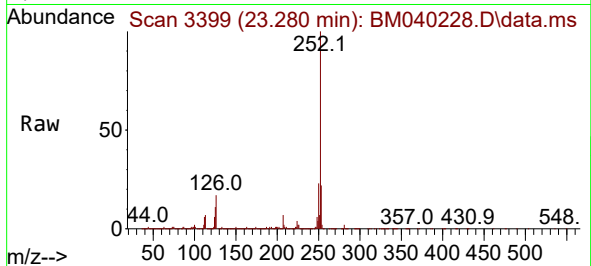




#89
Benzo(k)fluoranthene
Concen: 49.707 ng
RT: 23.280 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

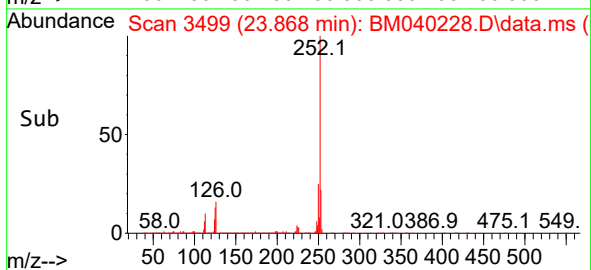
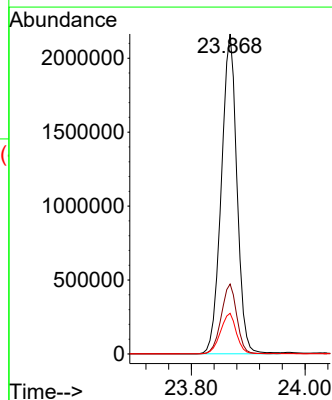
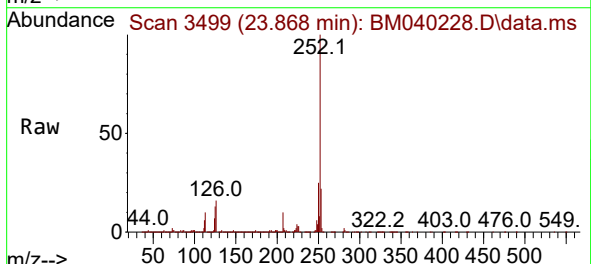
Instrument :
BNA_M
ClientSampleId :
PB153264BSD

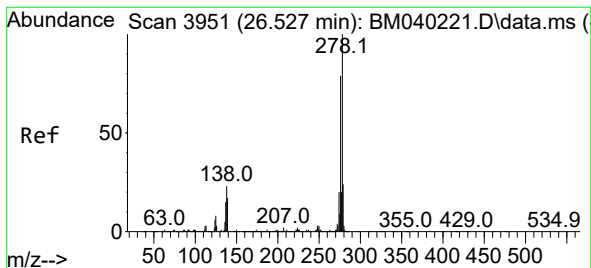
Tgt Ion:252 Resp: 5059507
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.4 9.1 13.7



#90
Benzo(a)pyrene
Concen: 44.004 ng
RT: 23.868 min Scan# 3499
Delta R.T. -0.000 min
Lab File: BM040228.D
Acq: 13 Jun 2023 16:54

Tgt Ion:252 Resp: 4131498
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 12.7 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 45.734 ng

RT: 26.527 min Scan# 3951

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA_M

ClientSampleId :

PB153264BSD

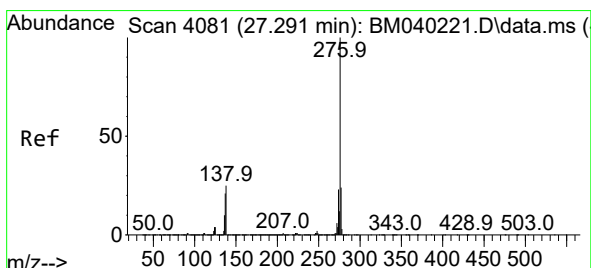
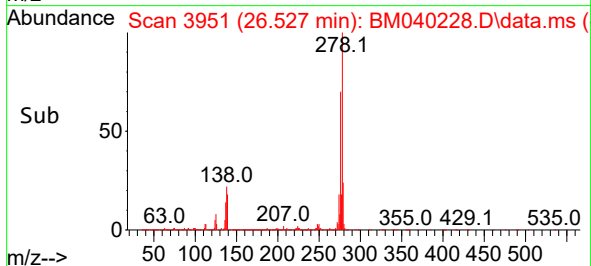
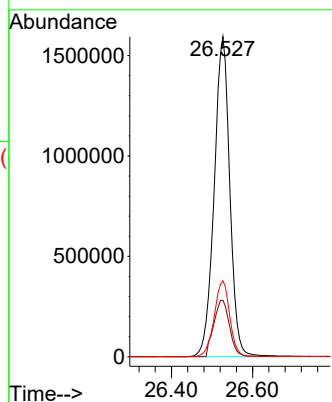
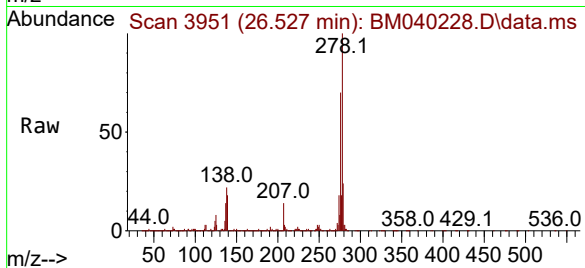
Tgt Ion:278 Resp: 4259926

Ion Ratio Lower Upper

278 100

139 17.7 13.8 20.6

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.458 ng

RT: 27.291 min Scan# 4081

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Tgt Ion:276 Resp: 3873110

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 25.6 19.8 29.6

