

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041240.D
 Acq On : 02 Aug 2023 12:11
 Operator : MA/JU
 Sample : 03810-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P3BMS

Quant Time: Aug 03 03:06:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	155653	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	682634	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	440932	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	985341	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	717790	20.000	ng	0.00
86) Perylene-d12	23.803	264	730239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	879752	84.474	ng	0.00
7) Phenol-d6	6.987	99	1225575	90.786	ng	0.00
23) Nitrobenzene-d5	8.975	82	740752	50.464	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	619671	99.358	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1793804	51.392	ng	0.00
79) Terphenyl-d14	19.862	244	3078804	77.553	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	141259	31.707	ng	97
3) Pyridine	3.663	79	457969	39.095	ng	95
4) n-Nitrosodimethylamine	3.581	42	214770	39.642	ng	92
6) Aniline	7.134	93	613651	38.842	ng	98
8) 2-Chlorophenol	7.363	128	569151	55.980	ng	99
9) Benzaldehyde	6.945	77	313135	43.960	ng	98
10) Phenol	7.010	94	732613	56.189	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	535240	50.714	ng	95
12) 1,3-Dichlorobenzene	7.681	146	589401	53.257	ng	98
13) 1,4-Dichlorobenzene	7.834	146	603592	54.262	ng	98
14) 1,2-Dichlorobenzene	8.145	146	584729	54.823	ng	99
15) Benzyl Alcohol	8.057	79	534844	62.737	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	658646	46.838	ng	96
17) 2-Methylphenol	8.263	107	489774	54.983	ng	98
18) Hexachloroethane	8.863	117	208277	50.293	ng	91
19) n-Nitroso-di-n-propyla...	8.616	70	448955	54.753	ng	97
20) 3+4-Methylphenols	8.592	107	673287	56.530	ng	99
22) Acetophenone	8.639	105	862232	47.692	ng	# 97
24) Nitrobenzene	9.022	77	670462	45.166	ng	99
25) Isophorone	9.545	82	1266353	50.822	ng	99
26) 2-Nitrophenol	9.728	139	212719	36.657	ng	94
27) 2,4-Dimethylphenol	9.792	122	504340	49.390	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	742283	47.557	ng	100
29) 2,4-Dichlorophenol	10.263	162	597019	57.976	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	614664	54.025	ng	98
31) Naphthalene	10.657	128	1764950	47.645	ng	99
32) Benzoic acid	9.986	122	426249	54.449	ng	99
33) 4-Chloroaniline	10.786	127	387471	26.174	ng	99
34) Hexachlorobutadiene	10.922	225	380406	55.593	ng	98
35) Caprolactam	11.622	113	198668	66.691	ng	# 87
36) 4-Chloro-3-methylphenol	11.927	107	640064	59.054	ng	100
37) 2-Methylnaphthalene	12.275	142	1268326	50.786	ng	99
38) 1-Methylnaphthalene	12.498	142	1209221	51.733	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	727153	50.788	ng	98
41) Hexachlorocyclopentadiene	12.610	237	294102	38.827	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	520393	56.708	ng	99

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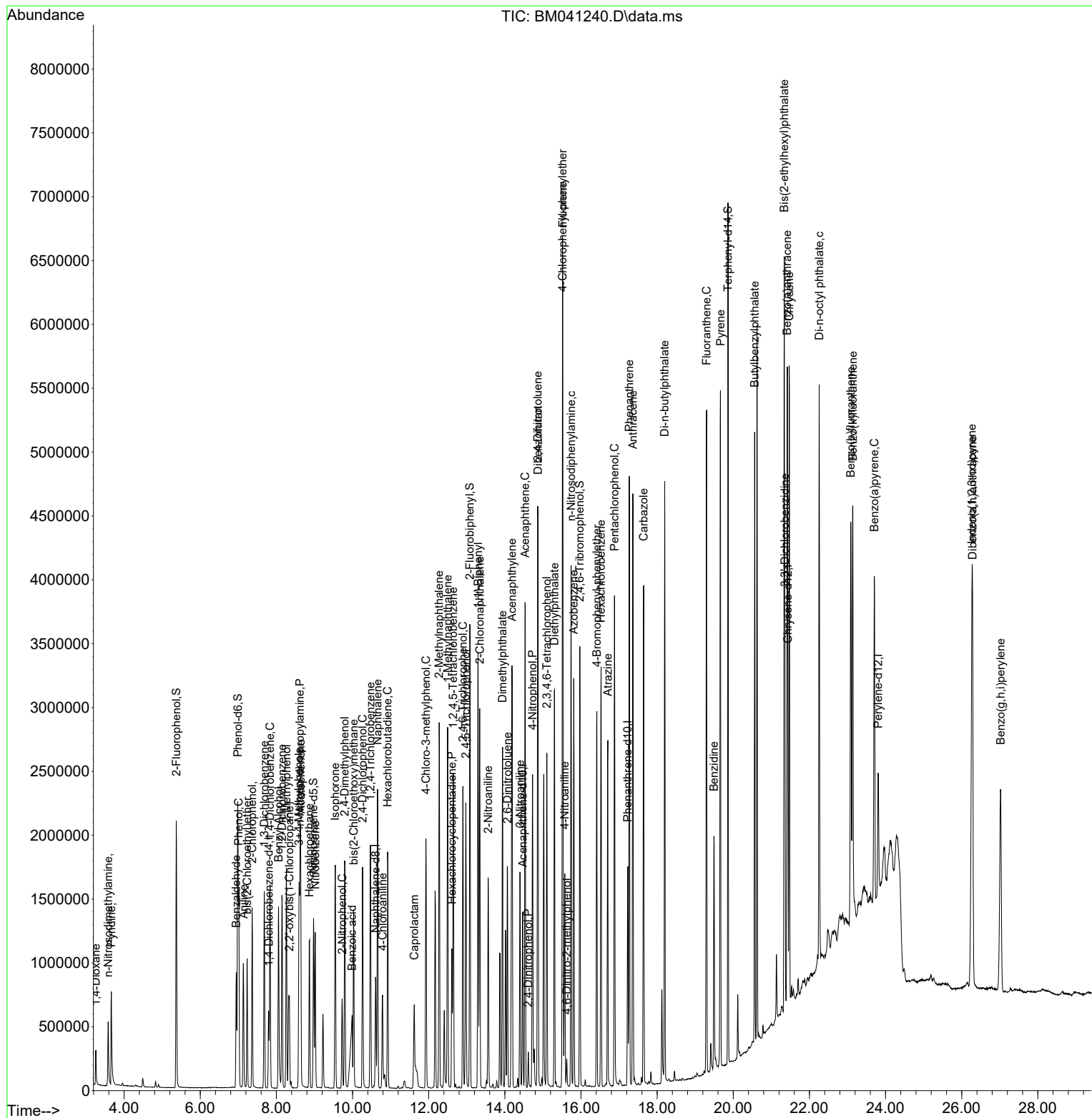
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	571820	53.837	ng	97
46) 1,1'-Biphenyl	13.298	154	1690759	47.299	ng	98
47) 2-Chloronaphthalene	13.339	162	1337232	50.102	ng	98
48) 2-Nitroaniline	13.563	65	449147	52.719	ng	96
49) Acenaphthylene	14.186	152	2175180	50.491	ng	100
50) Dimethylphthalate	13.939	163	1695609	51.122	ng	99
51) 2,6-Dinitrotoluene	14.069	165	347837	50.614	ng	91
52) Acenaphthene	14.533	154	1257597	48.457	ng	100
53) 3-Nitroaniline	14.398	138	393642	49.419	ng	96
54) 2,4-Dinitrophenol	14.616	184	57600	17.341	ng	91
55) Dibenzofuran	14.868	168	2096101	49.503	ng	98
56) 4-Nitrophenol	14.727	139	592210	103.396	ng	95
57) 2,4-Dinitrotoluene	14.863	165	477459	48.614	ng	94
58) Fluorene	15.521	166	1705907	51.069	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	494436	57.487	ng	95
60) Diethylphthalate	15.304	149	1713666	53.427	ng	98
61) 4-Chlorophenyl-phenyle...	15.515	204	900845	53.817	ng	96
62) 4-Nitroaniline	15.574	138	408325	55.042	ng	97
63) Azobenzene	15.810	77	1721573	49.000	ng	97
65) 4,6-Dinitro-2-methylph...	15.627	198	43834	7.343	ng	91
66) n-Nitrosodiphenylamine	15.739	169	1454462	47.462	ng	99
67) 4-Bromophenyl-phenylether	16.415	248	566770	52.462	ng	98
68) Hexachlorobenzene	16.527	284	672332	55.967	ng	95
69) Atrazine	16.704	200	492812	61.236	ng	99
70) Pentachlorophenol	16.880	266	665019	79.945	ng	99
71) Phenanthrene	17.268	178	2688009	49.100	ng	99
72) Anthracene	17.362	178	2719761	50.231	ng	100
73) Carbazole	17.645	167	2445543	49.902	ng	100
74) Di-n-butylphthalate	18.198	149	3202363	57.827	ng	99
75) Fluoranthene	19.298	202	3105805	50.496	ng	98
77) Benzidine	19.492	184	1115052	113.974	ng	100
78) Pyrene	19.662	202	3128213	62.320	ng	100
80) Butylbenzylphthalate	20.562	149	1345690	73.412	ng	95
81) Benzo(a)anthracene	21.415	228	2628584	54.019	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	846009	53.281	ng	99
83) Chrysene	21.468	228	2376152	50.485	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	1910233	64.689	ng	# 96
85) Di-n-octyl phthalate	22.256	149	2948946	63.654	ng	96
87) Indeno(1,2,3-cd)pyrene	26.268	276	2678664	49.893	ng	95
88) Benzo(b)fluoranthene	23.086	252	2296647	52.942	ng	98
89) Benzo(k)fluoranthene	23.139	252	2234349	50.352	ng	98
90) Benzo(a)pyrene	23.703	252	2025597	48.596	ng	98
91) Dibenzo(a,h)anthracene	26.285	278	2236897	49.952	ng	97
92) Benzo(g,h,i)perylene	27.021	276	2066199	47.155	ng	96

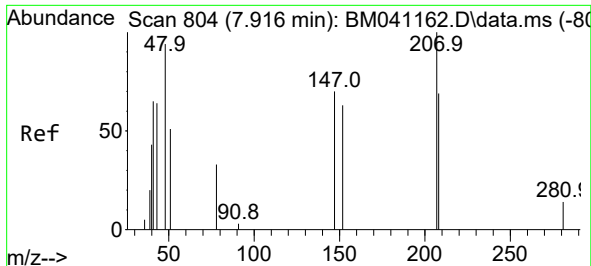
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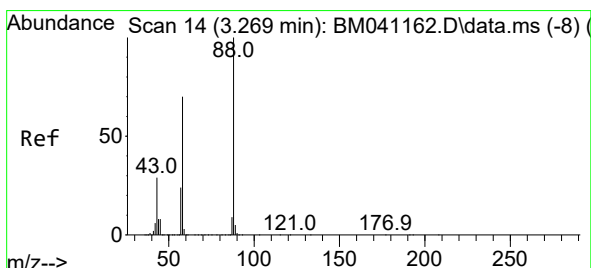
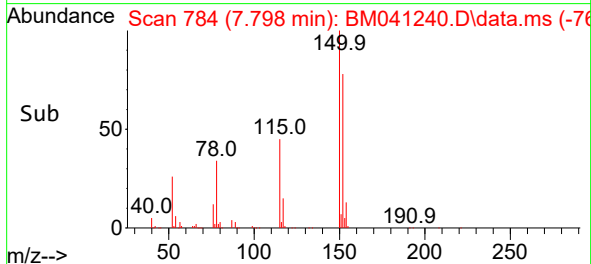
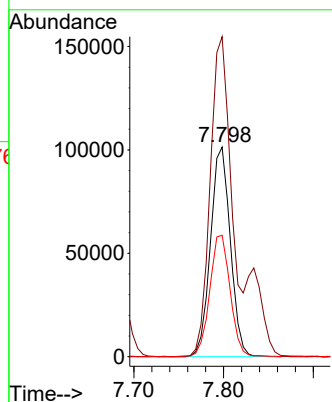
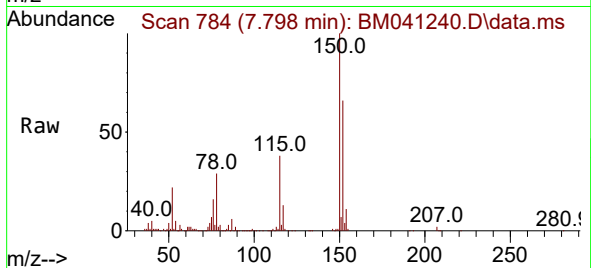




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 70
Delta R.T. 0.005 min
Lab File: BM041240.D
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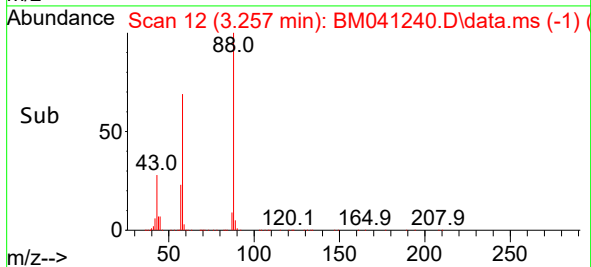
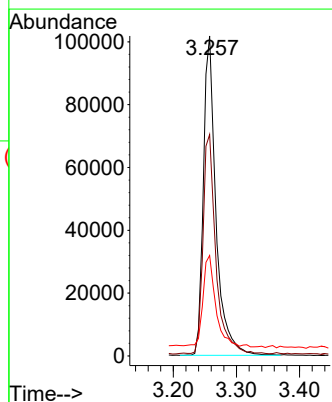
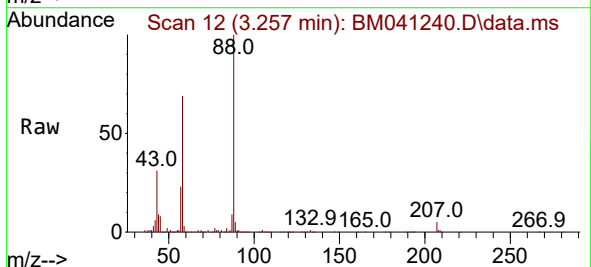
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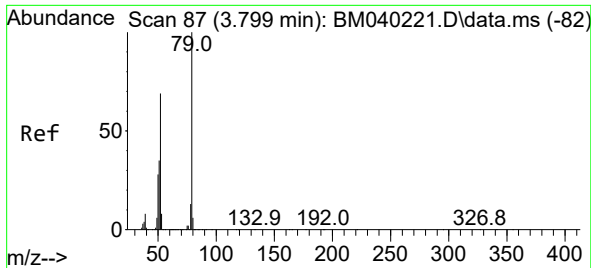
Tgt Ion:152 Resp: 155653
Ion Ratio Lower Upper
152 100
150 152.7 125.5 188.3
115 58.0 48.0 72.0



#2
1,4-Dioxane
Concen: 31.707 ng
RT: 3.257 min Scan# 12
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion: 88 Resp: 141259
Ion Ratio Lower Upper
88 100
58 70.4 58.2 87.4
43 29.1 24.4 36.6

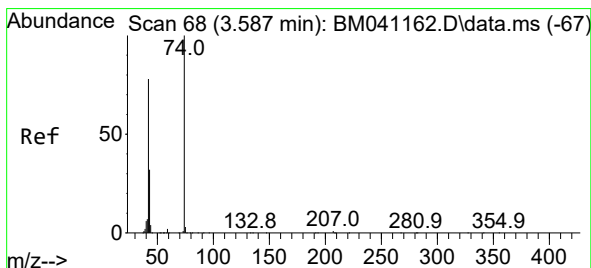
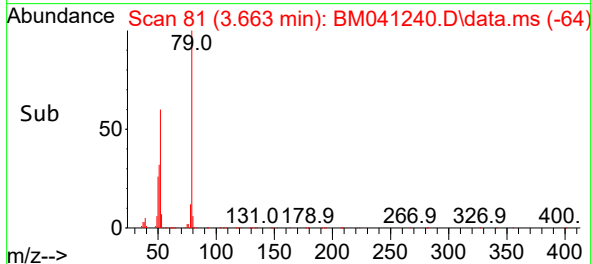
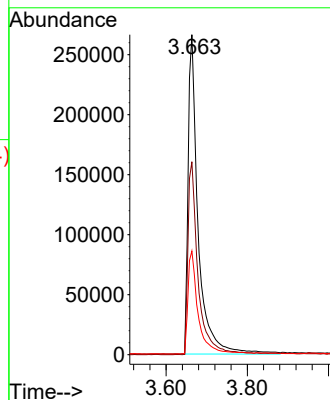
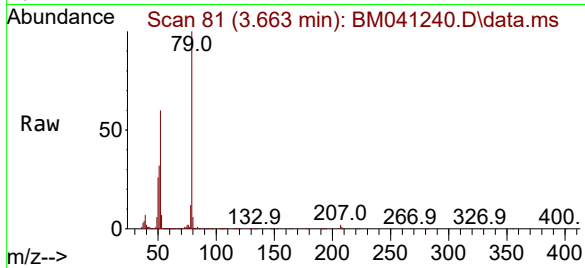




#3
Pyridine
Concen: 39.095 ng
RT: 3.663 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

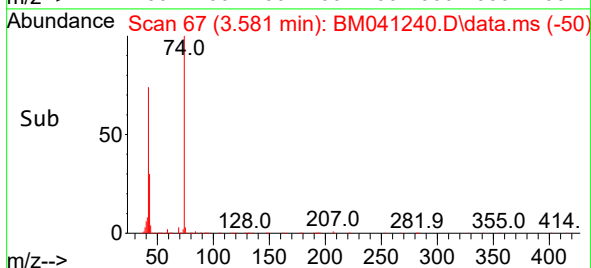
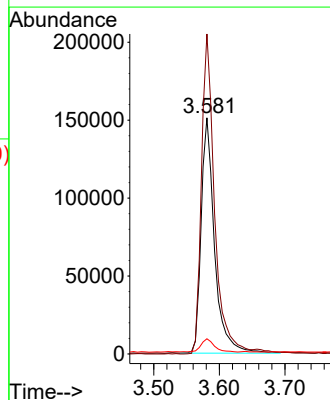
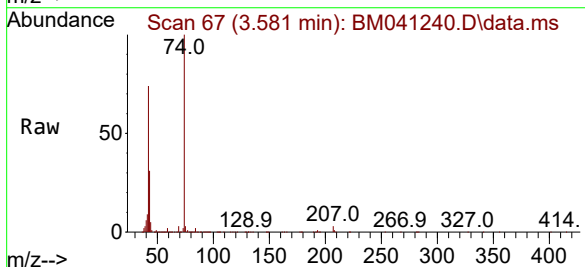
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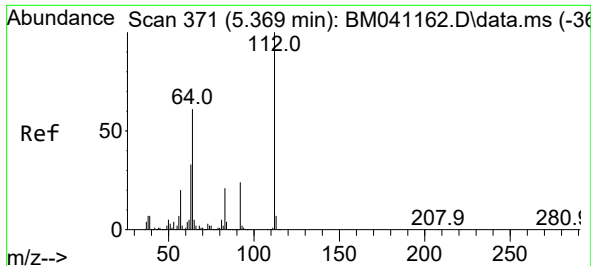
Tgt Ion: 79 Resp: 457969
Ion Ratio Lower Upper
79 100
52 60.3 52.1 78.1
51 32.4 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 39.642 ng
RT: 3.581 min Scan# 67
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion: 42 Resp: 214770
Ion Ratio Lower Upper
42 100
74 135.5 100.8 151.2
44 6.4 5.0 7.4

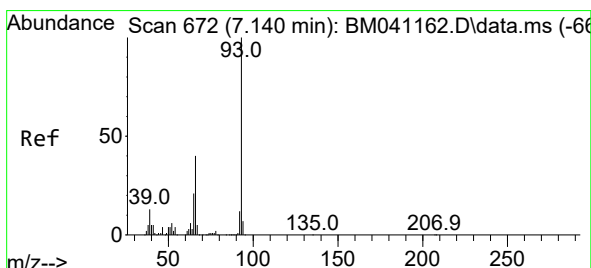
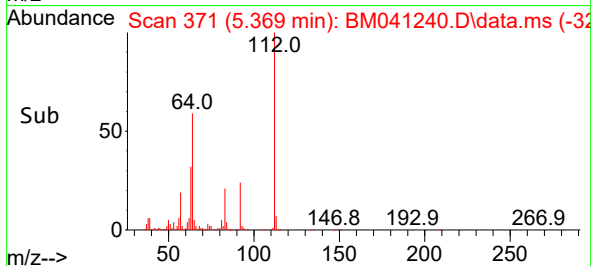
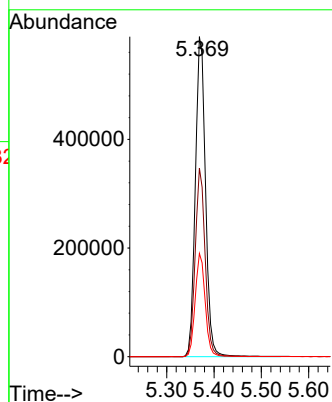
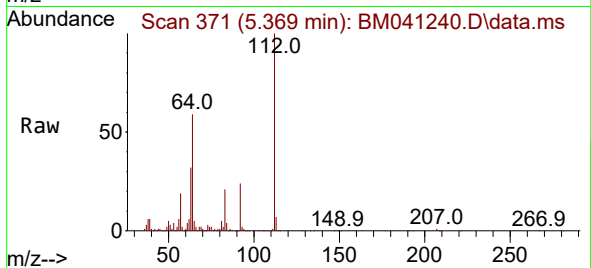




#5
2-Fluorophenol
Concen: 84.474 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041240.D
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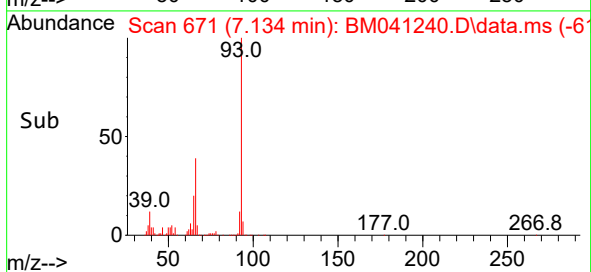
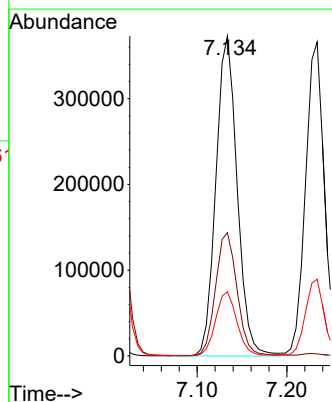
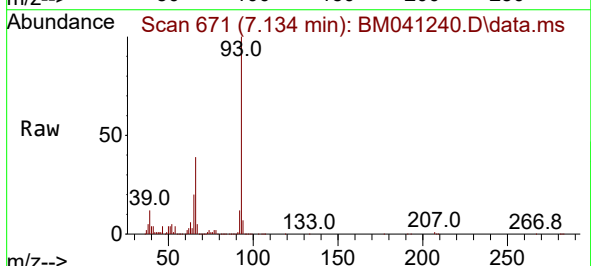
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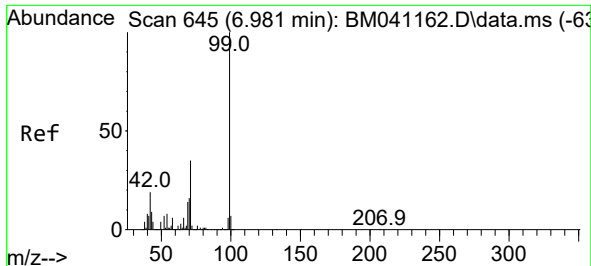
Tgt Ion:112 Resp: 879752
Ion Ratio Lower Upper
112 100
64 58.9 48.5 72.7
63 32.3 26.5 39.7



#6
Aniline
Concen: 38.842 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion: 93 Resp: 613651
Ion Ratio Lower Upper
93 100
66 38.5 32.0 48.0
65 20.1 16.6 24.8

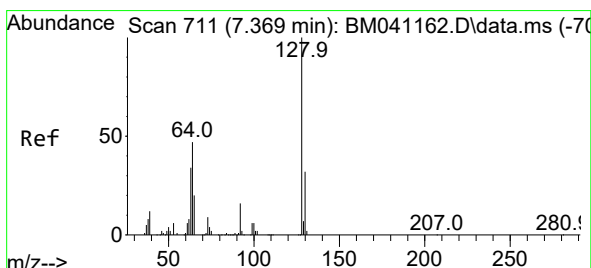
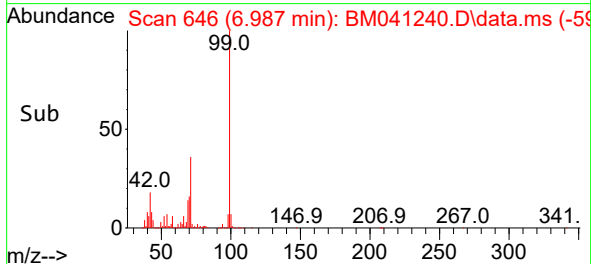
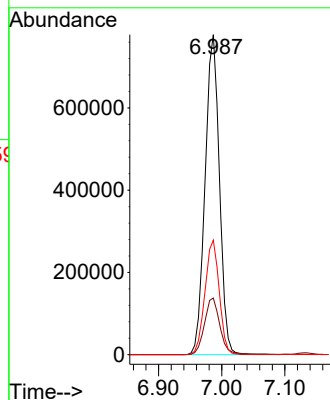
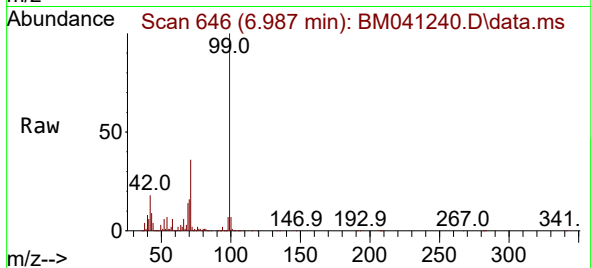




#7
Phenol-d6
Concen: 90.786 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041240.D
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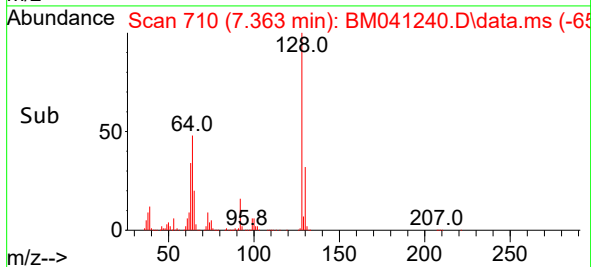
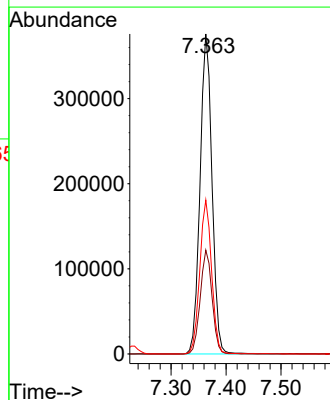
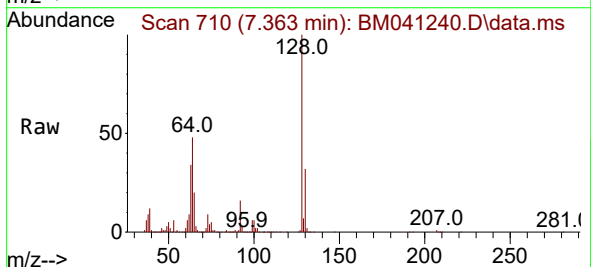
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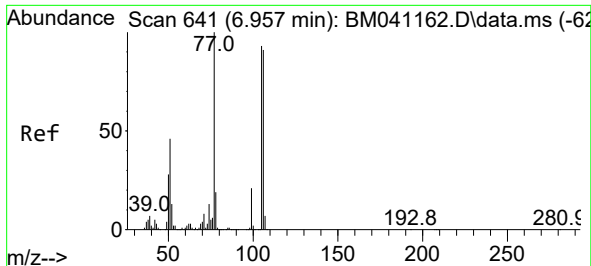
Tgt Ion: 99 Resp: 1225575
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 35.8 28.2 42.4



#8
2-Chlorophenol
Concen: 55.980 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion: 128 Resp: 569151
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 48.1 29.3 69.3

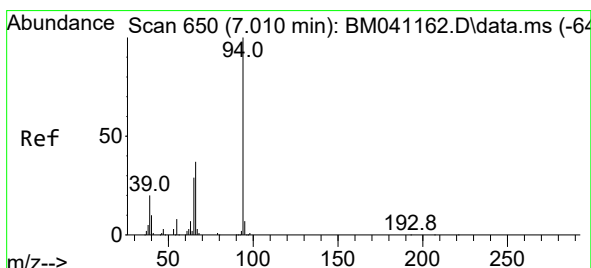
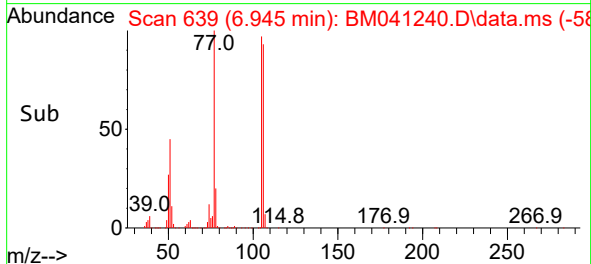
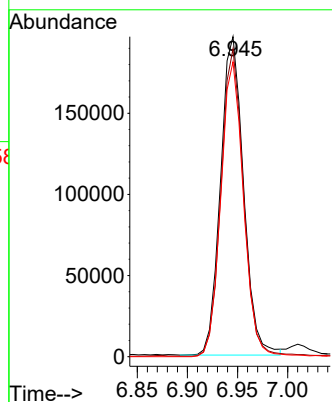
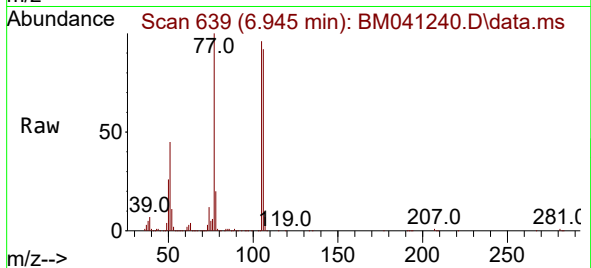




#9
Benzaldehyde
Concen: 43.960 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.000 min
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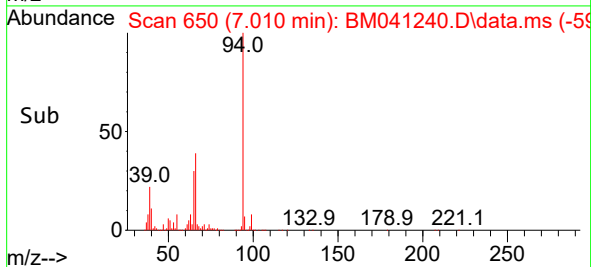
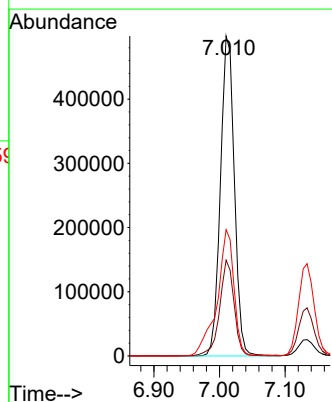
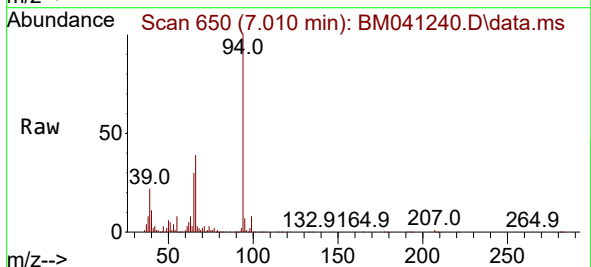
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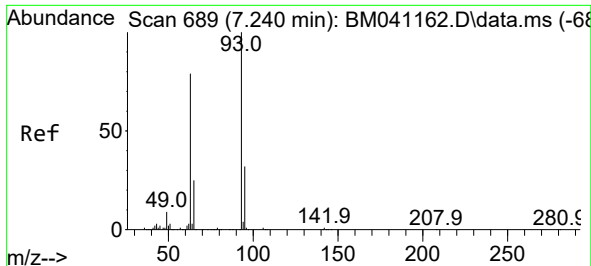
Tgt Ion: 77 Resp: 313135
Ion Ratio Lower Upper
77 100
105 96.2 72.8 112.8
106 92.1 70.8 110.8



#10
Phenol
Concen: 56.189 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion: 94 Resp: 732613
Ion Ratio Lower Upper
94 100
65 29.9 9.5 49.5
66 39.5 18.0 58.0

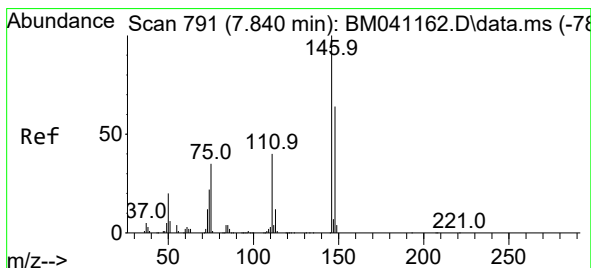
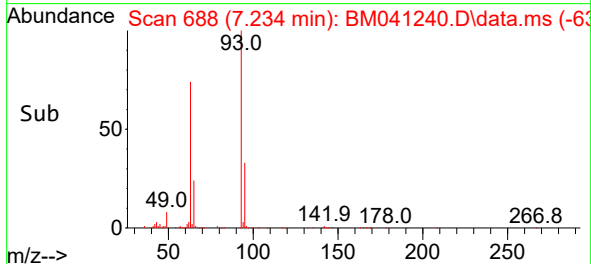
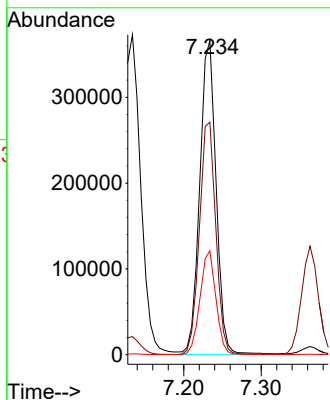
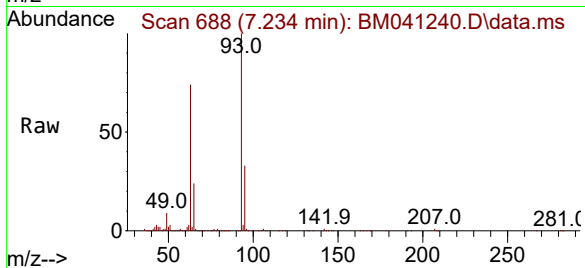




#11
bis(2-Chloroethyl)ether
Concen: 50.714 ng
RT: 7.234 min Scan# 611
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

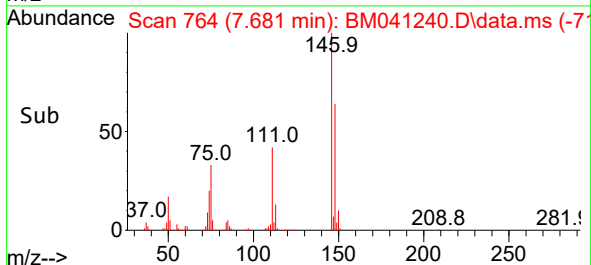
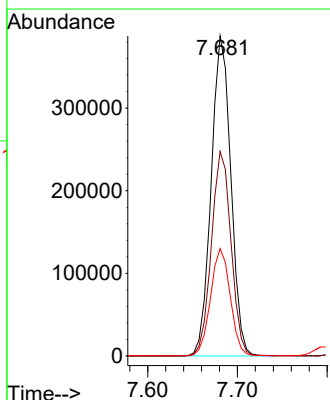
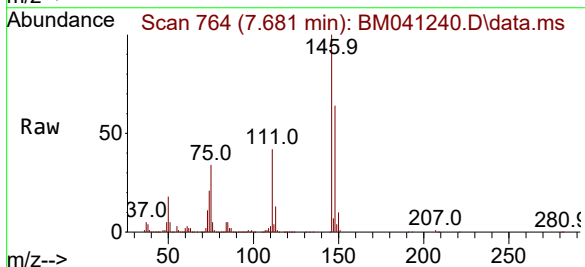
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

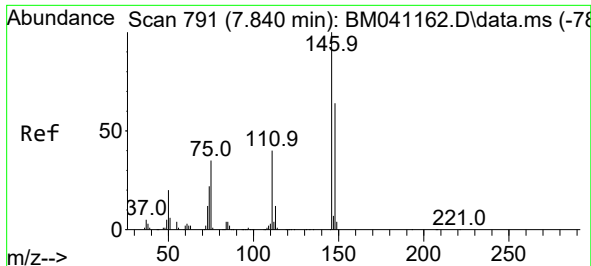
Tgt Ion: 93 Resp: 535240
Ion Ratio Lower Upper
93 100
63 74.0 58.8 98.8
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 53.257 ng
RT: 7.681 min Scan# 764
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion: 146 Resp: 589401
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 33.6 28.3 42.5

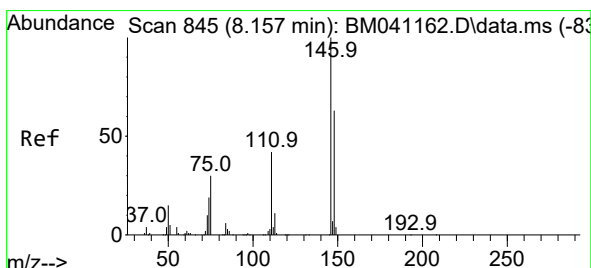
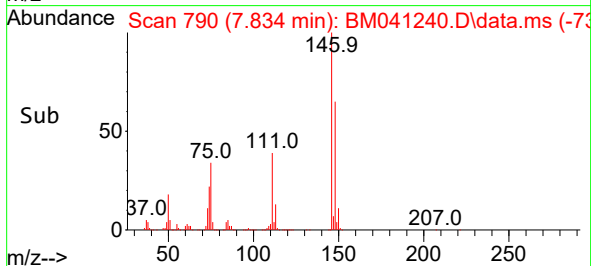
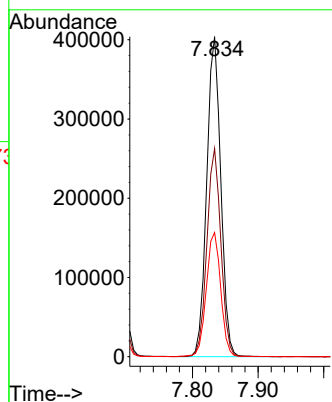
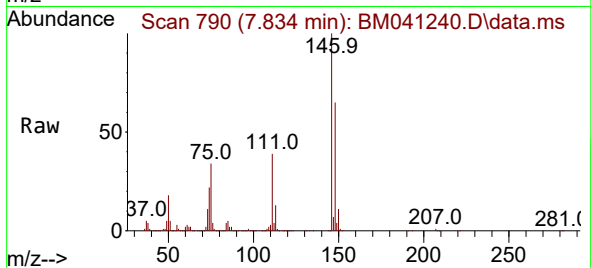




#13
1,4-Dichlorobenzene
Concen: 54.262 ng
RT: 7.834 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

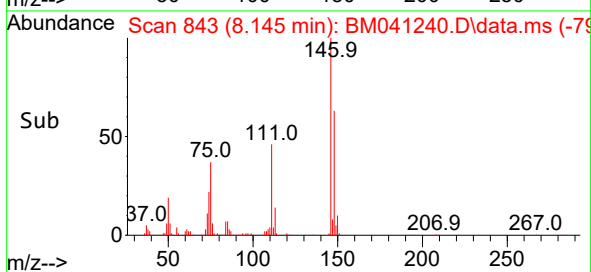
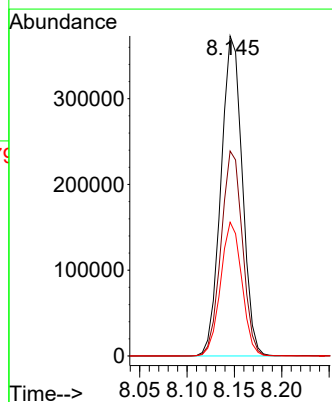
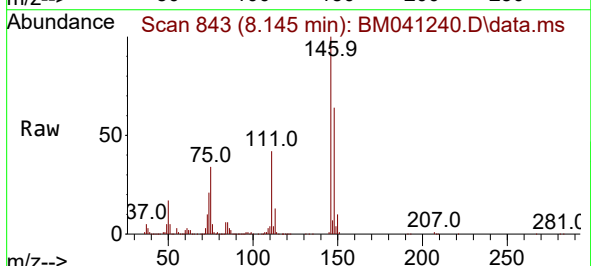
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

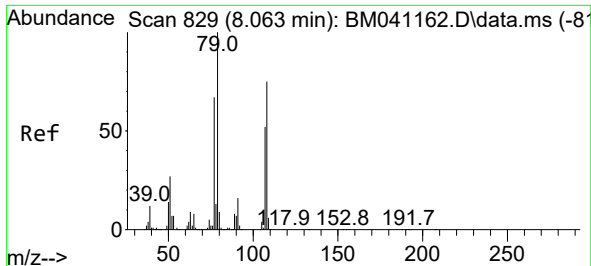
Tgt Ion:146 Resp: 603592
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
111 38.8 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 54.823 ng
RT: 8.145 min Scan# 843
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:146 Resp: 584729
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 41.8 33.8 50.6

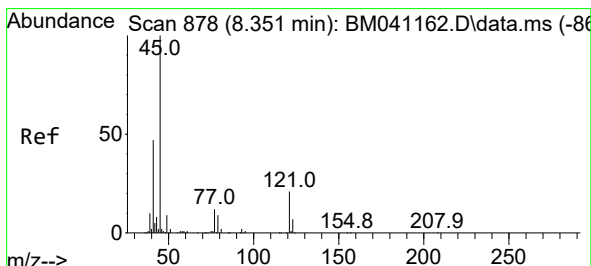
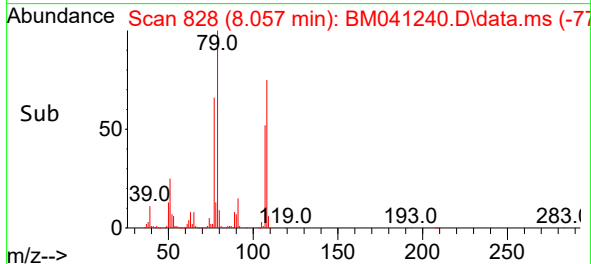
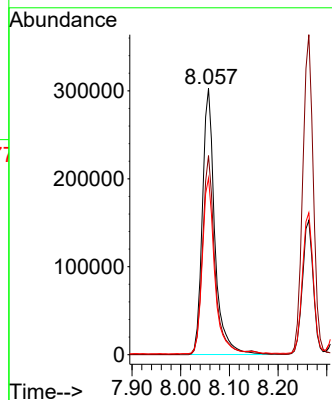
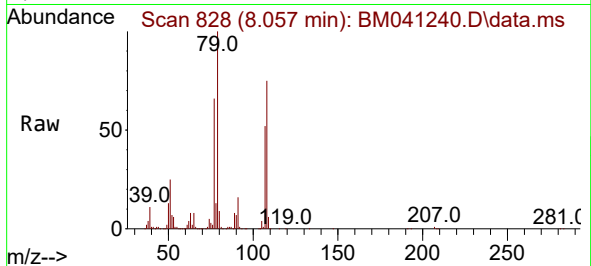




#15
Benzyl Alcohol
Concen: 62.737 ng
RT: 8.057 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

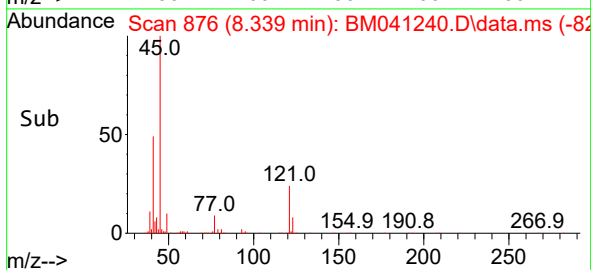
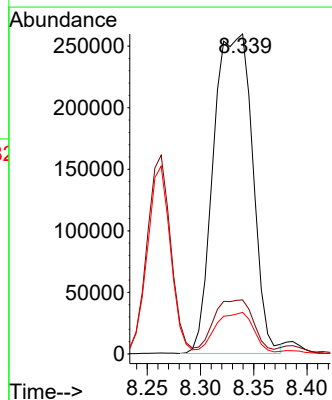
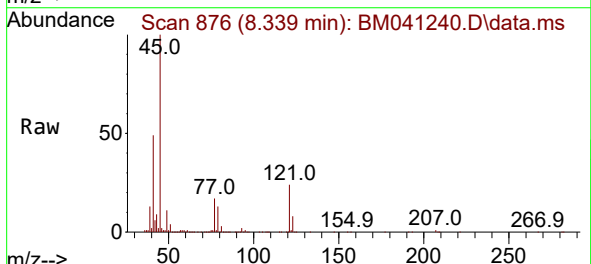
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

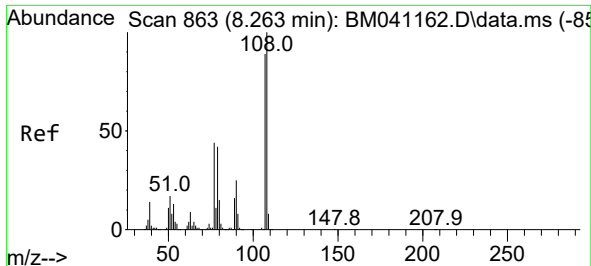
Tgt Ion: 79 Resp: 534844
Ion Ratio Lower Upper
79 100
108 74.8 59.8 89.8
77 66.3 53.8 80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.838 ng
RT: 8.339 min Scan# 876
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion: 45 Resp: 658646
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.5
79 13.0 0.0 32.1

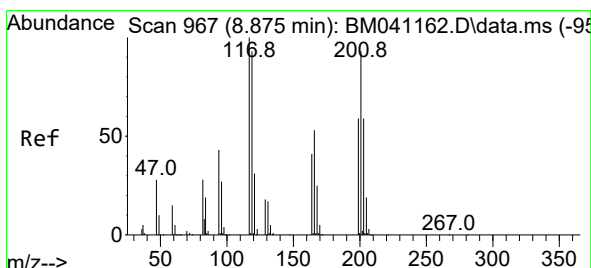
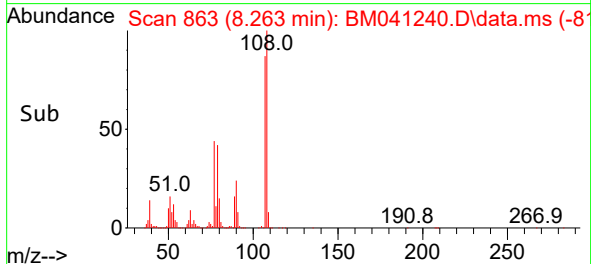
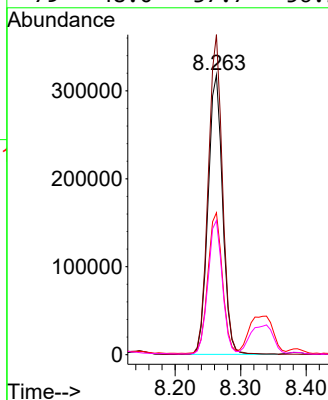
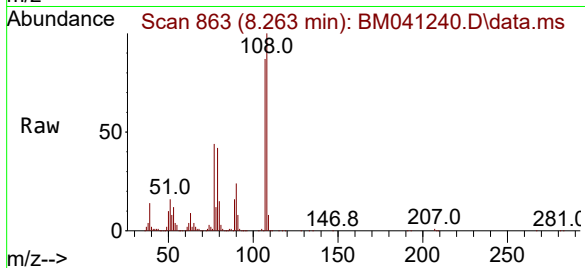




#17
2-Methylphenol
Concen: 54.983 ng
RT: 8.263 min Scan# 863
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

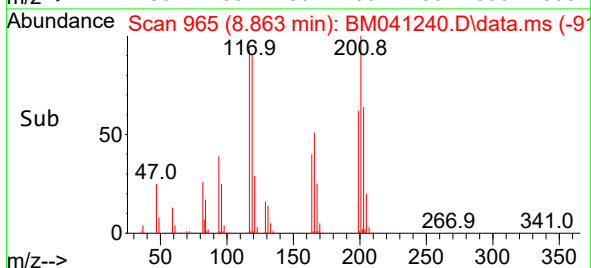
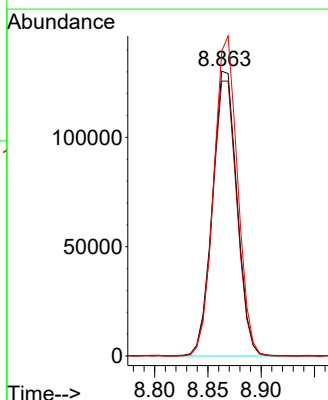
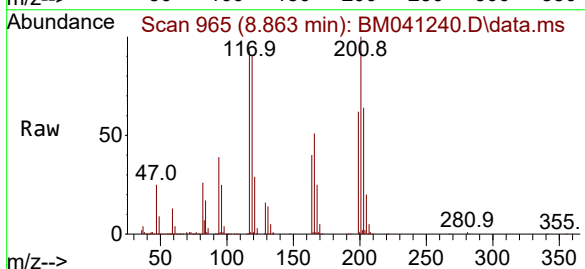
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

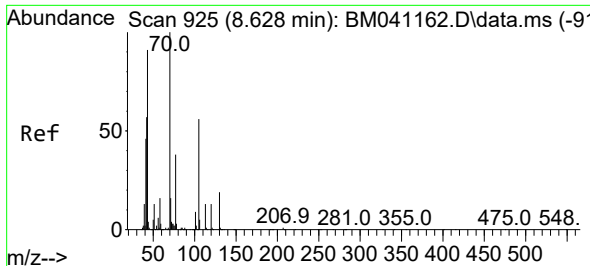
Tgt Ion:	107	Resp:	489774
Ion	Ratio	Lower	Upper
107	100		
108	114.4	89.9	134.9
77	50.8	39.8	59.8
79	48.0	37.7	56.5



#18
Hexachloroethane
Concen: 50.293 ng
RT: 8.863 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:	117	Resp:	208277
Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.2	111.4
201	107.0	74.5	111.7

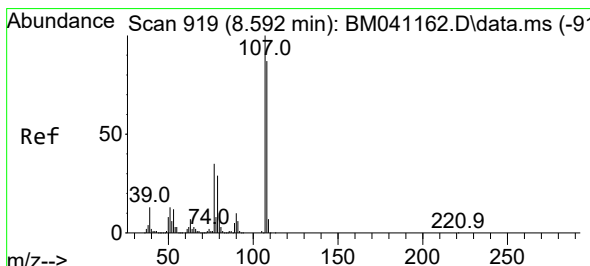
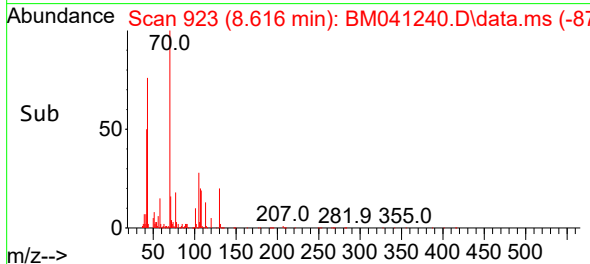
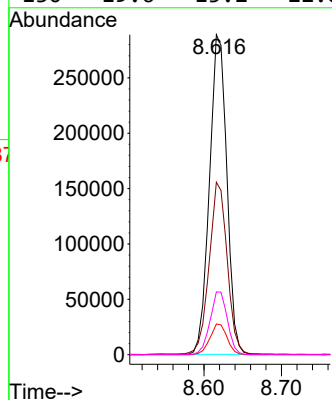
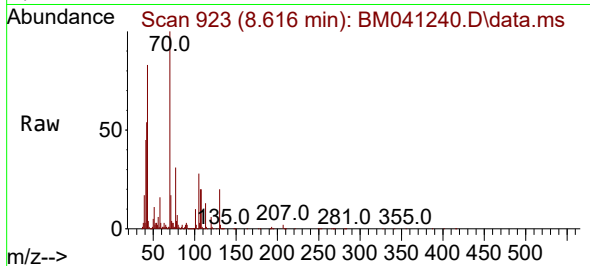




#19
n-Nitroso-di-n-propylamine
Concen: 54.753 ng
RT: 8.616 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

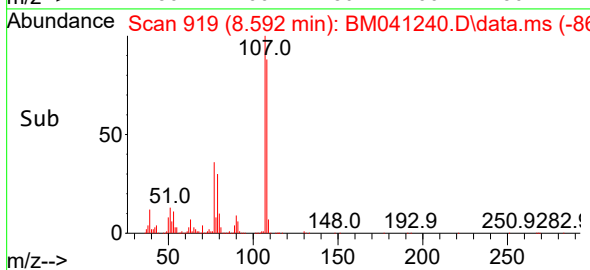
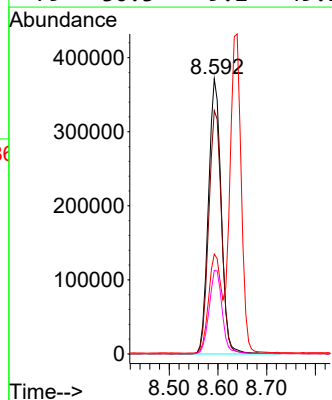
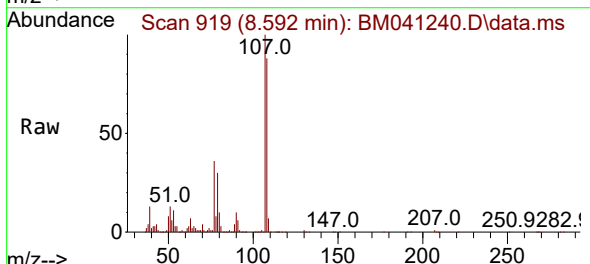
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

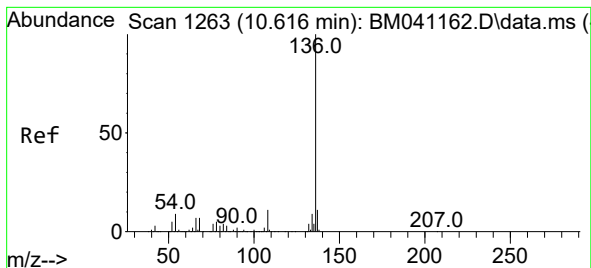
Tgt Ion:	70	Resp:	448955
Ion	Ratio	Lower	Upper
70	100		
42	53.9	45.8	68.8
101	9.6	7.4	11.0
130	19.6	15.2	22.8



#20
3+4-Methylphenols
Concen: 56.530 ng
RT: 8.592 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:	107	Resp:	673287
Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.2	107.2
77	36.3	15.4	55.4
79	30.3	9.2	49.2

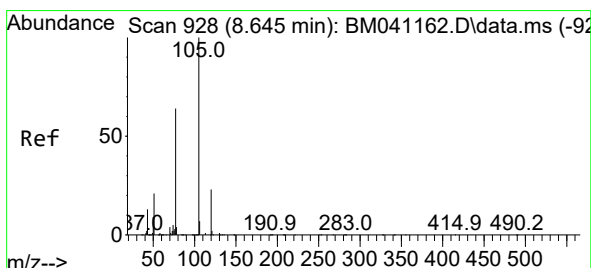
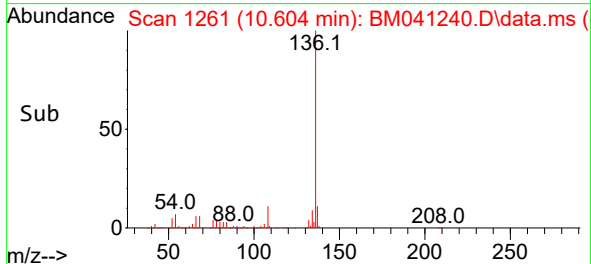
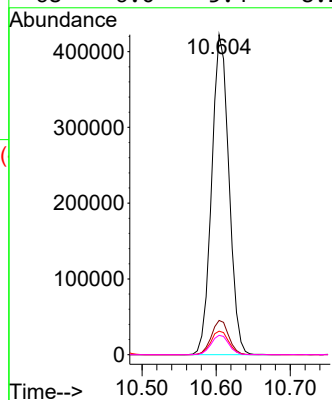
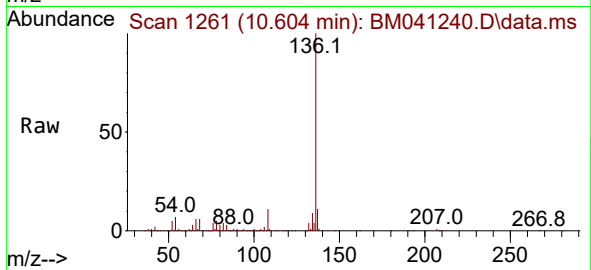




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

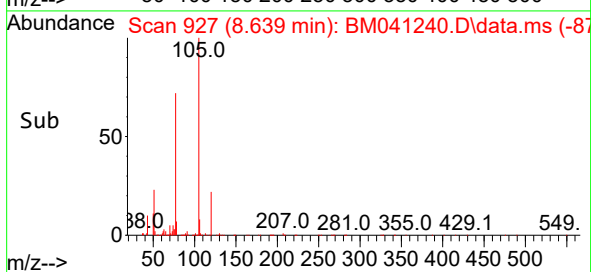
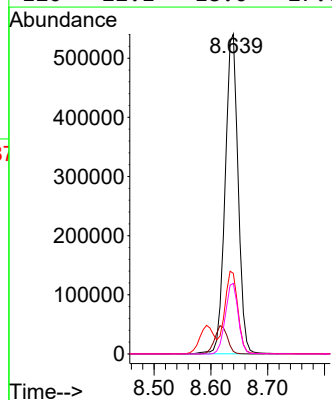
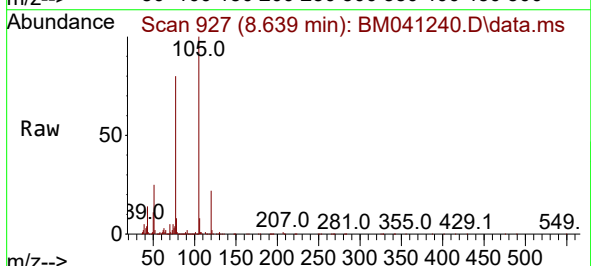
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

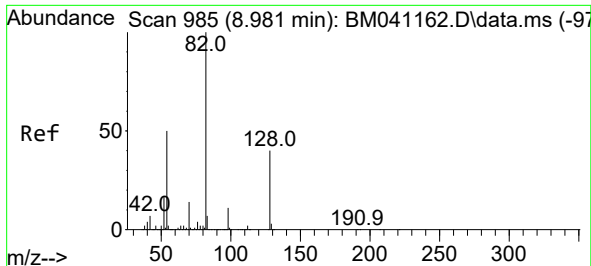
Tgt Ion:136 Resp: 682634
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.4 6.9 10.3
68 6.0 5.4 8.2



#22
Acetophenone
Concen: 47.692 ng
RT: 8.639 min Scan# 927
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:105 Resp: 862232
Ion Ratio Lower Upper
105 100
71 0.8 1.2 1.8#
51 25.2 22.0 33.0
120 22.1 18.0 27.0

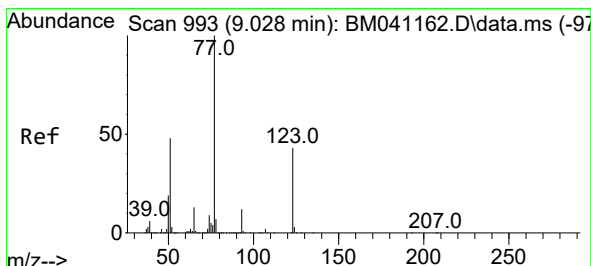
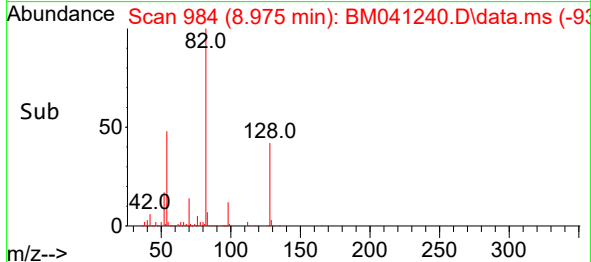
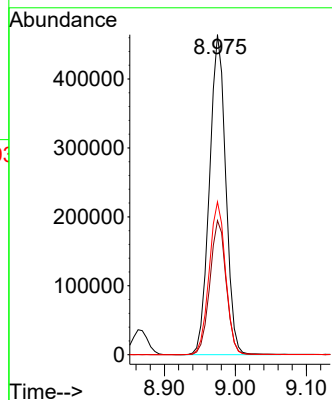
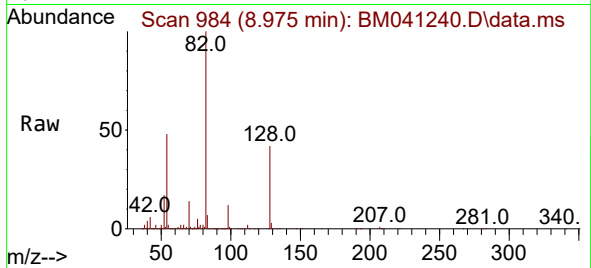




#23
Nitrobenzene-d5
Concen: 50.464 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

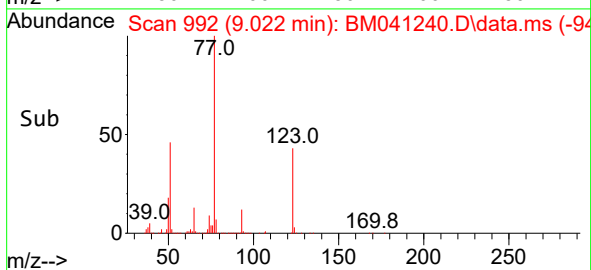
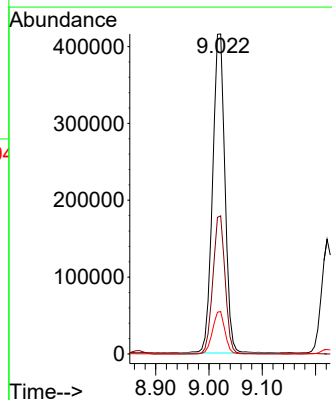
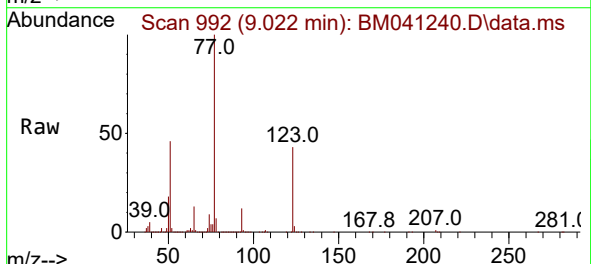
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

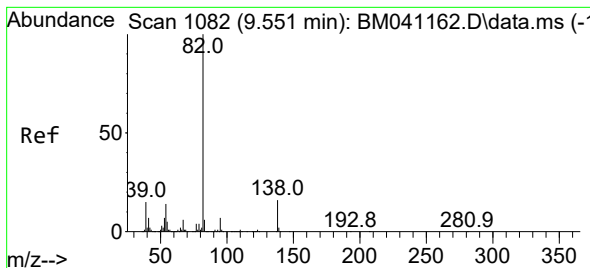
Tgt Ion: 82 Resp: 740752
Ion Ratio Lower Upper
82 100
128 41.9 31.8 47.6
54 47.8 40.1 60.1



#24
Nitrobenzene
Concen: 45.166 ng
RT: 9.022 min Scan# 992
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion: 77 Resp: 670462
Ion Ratio Lower Upper
77 100
123 43.2 34.2 51.2
65 13.3 10.7 16.1





#25

Isophorone

Concen: 50.822 ng

RT: 9.545 min Scan# 1082

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

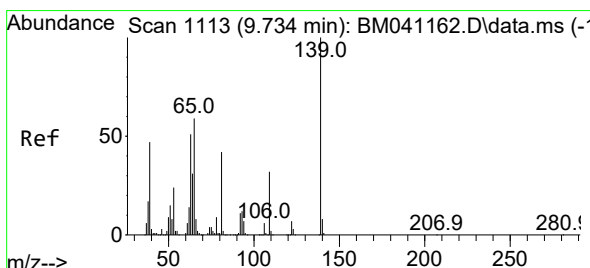
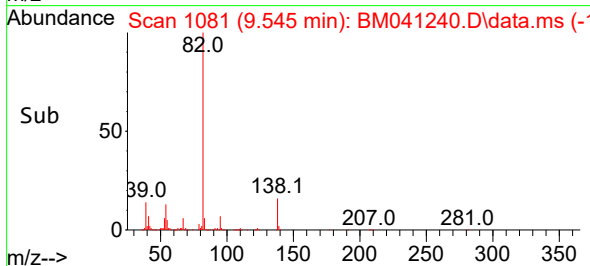
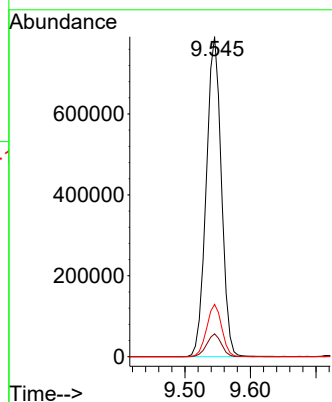
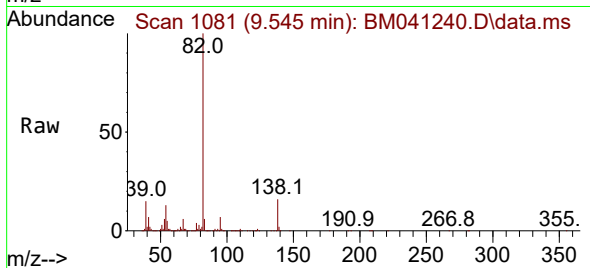
Tgt Ion: 82 Resp: 1266353

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 16.4 12.8 19.2



#26

2-Nitrophenol

Concen: 36.657 ng

RT: 9.728 min Scan# 1112

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

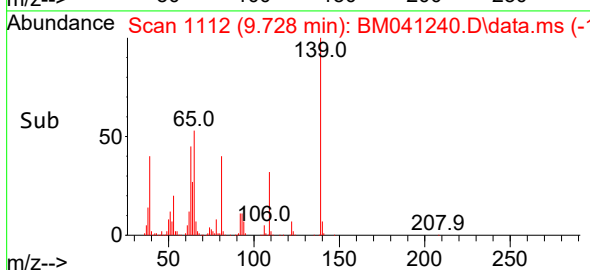
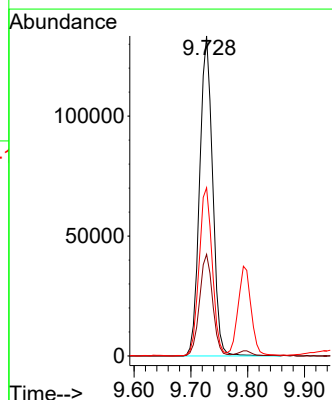
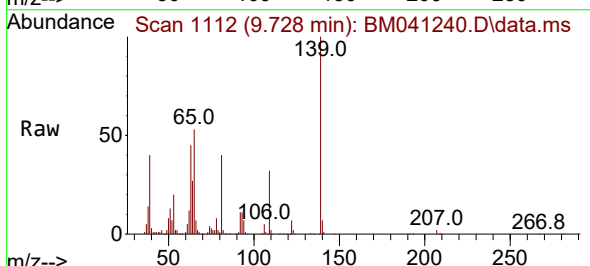
Tgt Ion: 139 Resp: 212719

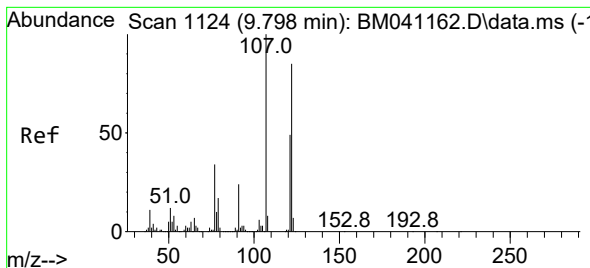
Ion Ratio Lower Upper

139 100

109 31.8 25.4 38.2

65 52.5 47.2 70.8

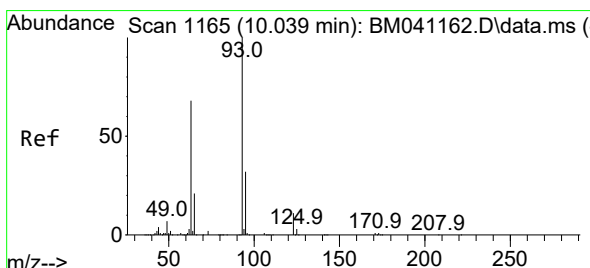
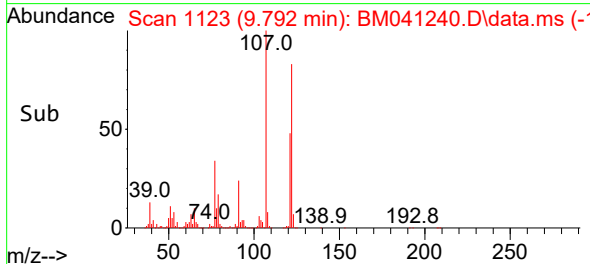
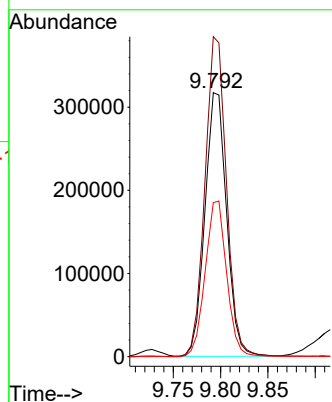
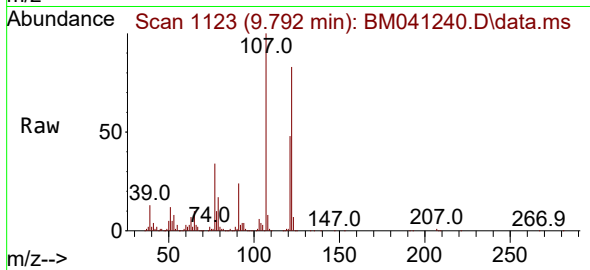




#27
2,4-Dimethylphenol
Concen: 49.390 ng
RT: 9.792 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

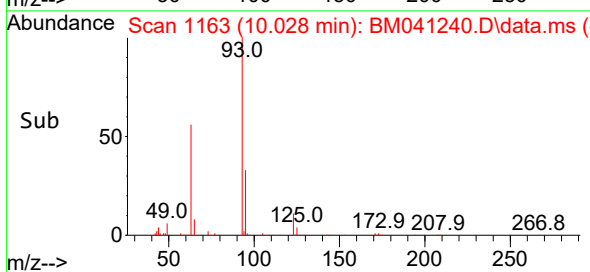
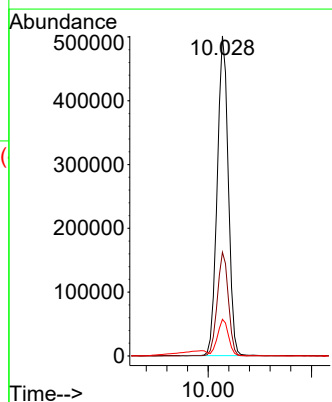
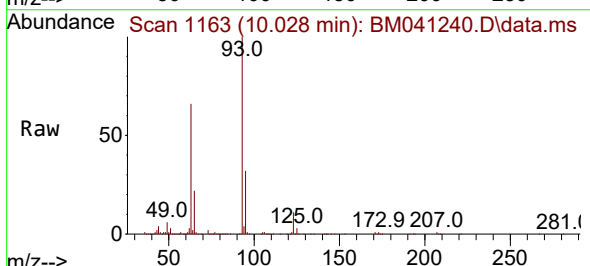
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

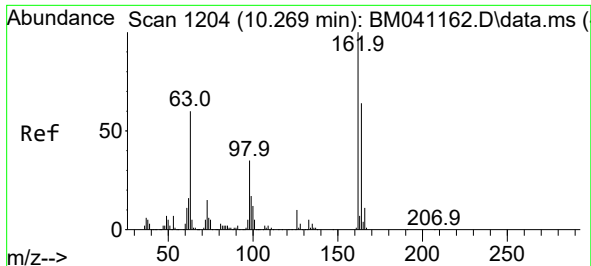
Tgt Ion:122 Resp: 504340
Ion Ratio Lower Upper
122 100
107 121.2 94.3 141.5
121 58.4 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.557 ng
RT: 10.028 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion: 93 Resp: 742283
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 57.976 ng

RT: 10.263 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

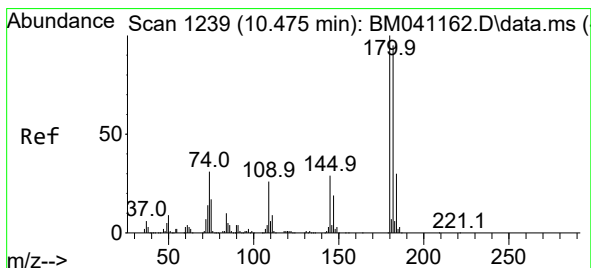
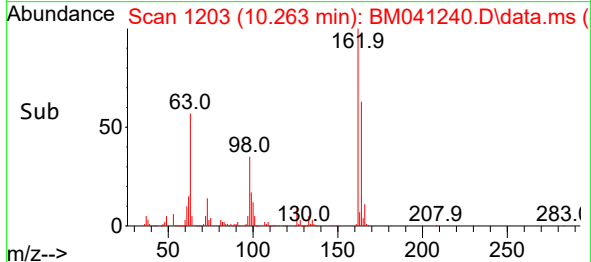
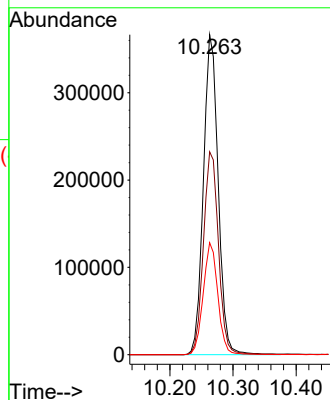
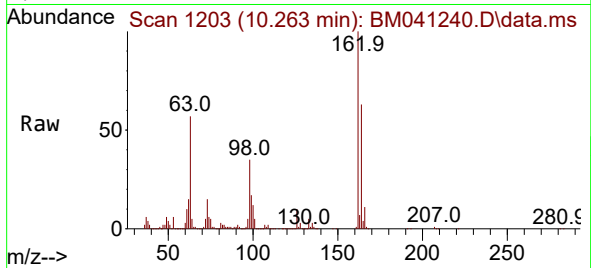
Tgt Ion:162 Resp: 597019

Ion Ratio Lower Upper

162 100

164 63.4 44.3 84.3

98 35.0 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 54.025 ng

RT: 10.469 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

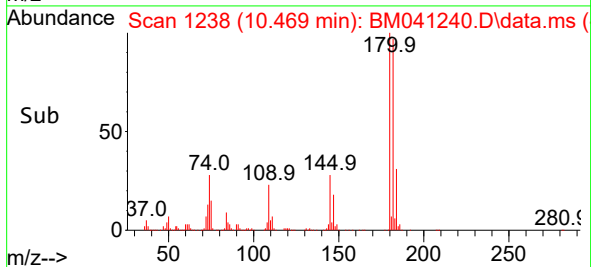
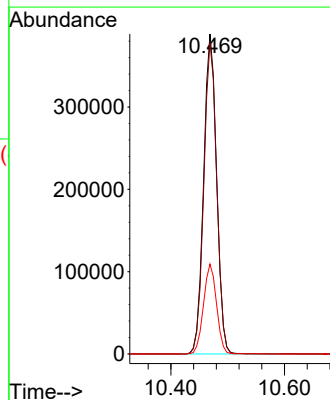
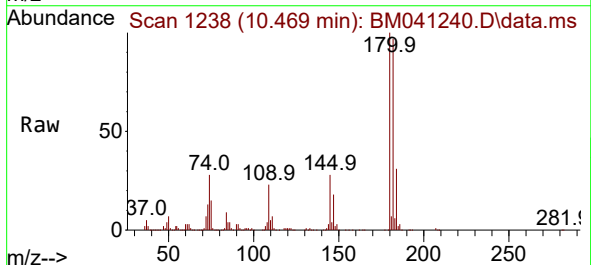
Tgt Ion:180 Resp: 614664

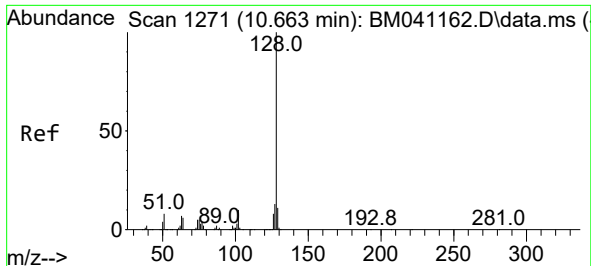
Ion Ratio Lower Upper

180 100

182 97.3 75.9 113.9

145 28.1 23.6 35.4

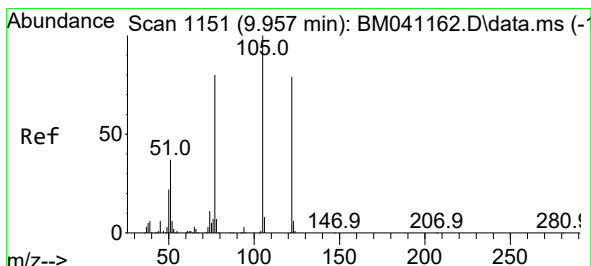
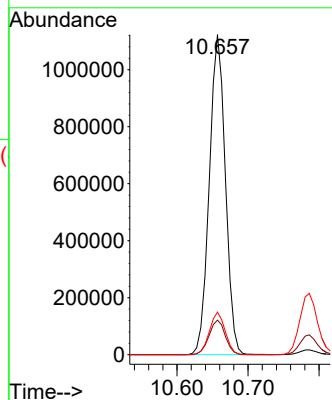
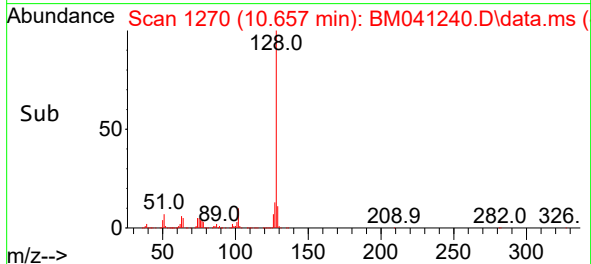
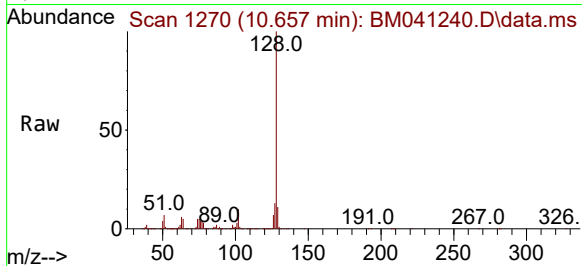




#31
Naphthalene
Concen: 47.645 ng
RT: 10.657 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

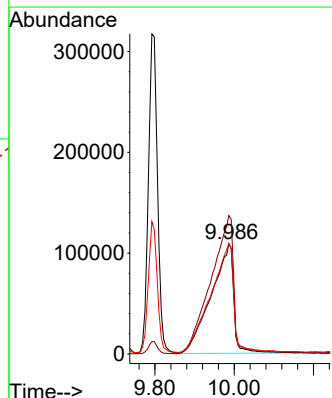
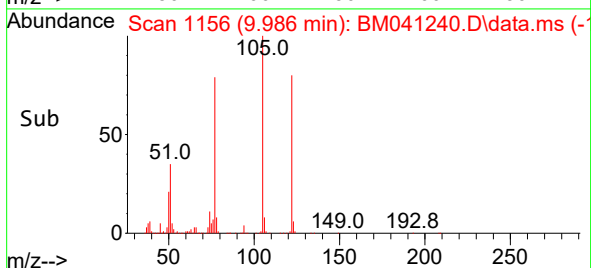
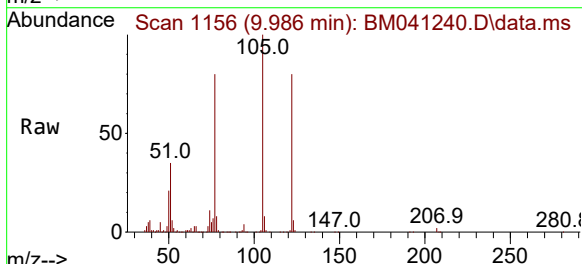
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

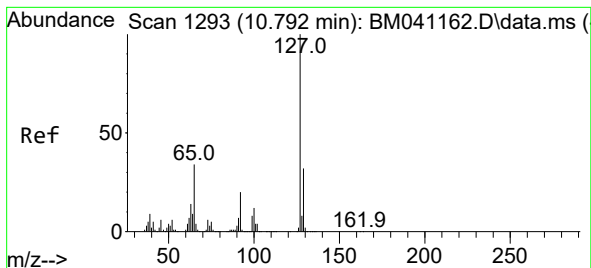
Tgt Ion:128 Resp: 1764950
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 54.449 ng
RT: 9.986 min Scan# 1156
Delta R.T. 0.029 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:122 Resp: 426249
Ion Ratio Lower Upper
122 100
105 125.6 104.0 144.0
77 100.2 79.9 119.9





#33

4-Chloroaniline

Concen: 26.174 ng

RT: 10.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

Tgt Ion:127 Resp: 387471

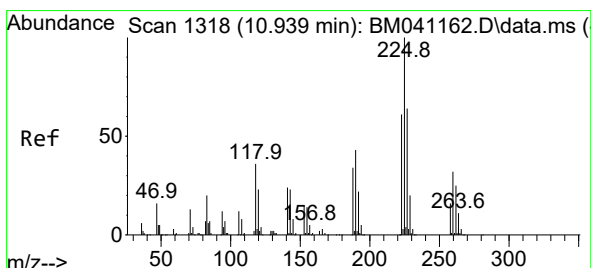
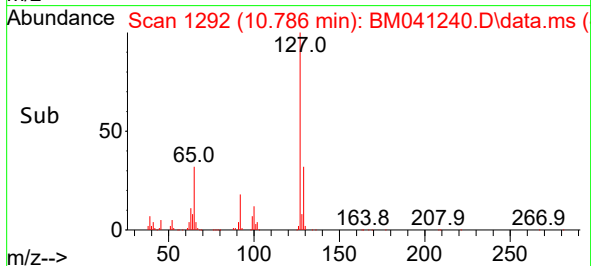
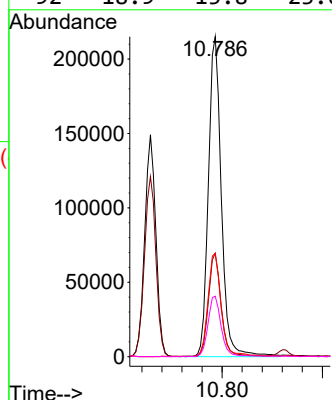
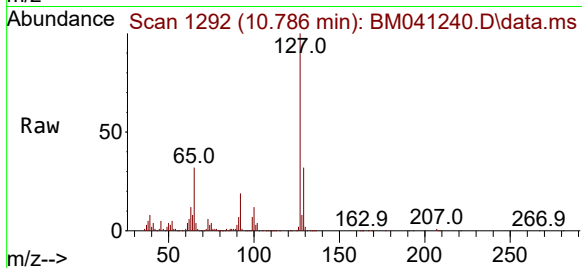
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 32.3 26.9 40.3

92 18.9 15.8 23.6



#34

Hexachlorobutadiene

Concen: 55.593 ng

RT: 10.922 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

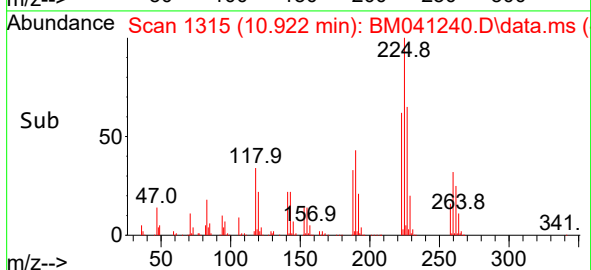
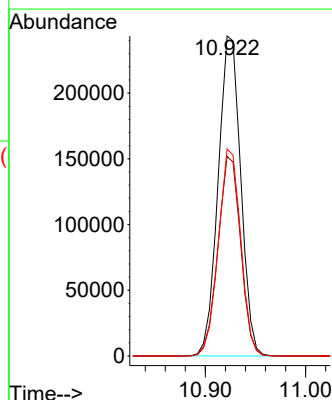
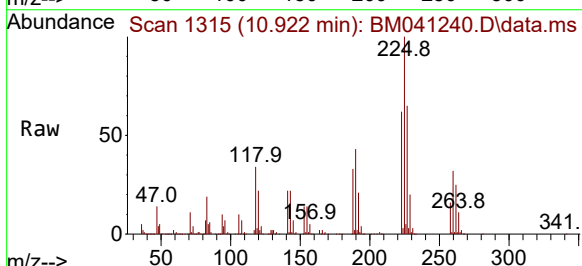
Tgt Ion:225 Resp: 380406

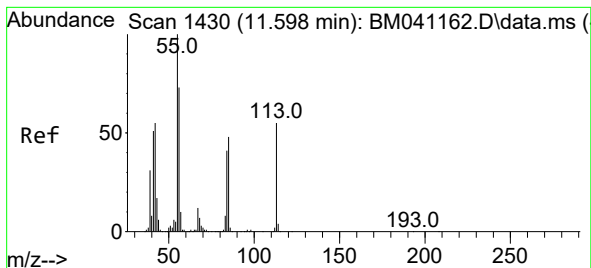
Ion Ratio Lower Upper

225 100

223 62.3 49.0 73.4

227 64.7 50.8 76.2





#35

Caprolactam

Concen: 66.691 ng

RT: 11.622 min Scan# 1434

Delta R.T. 0.023 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

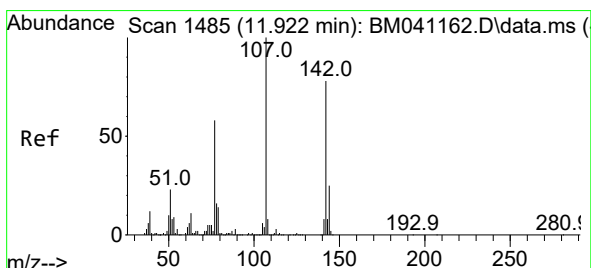
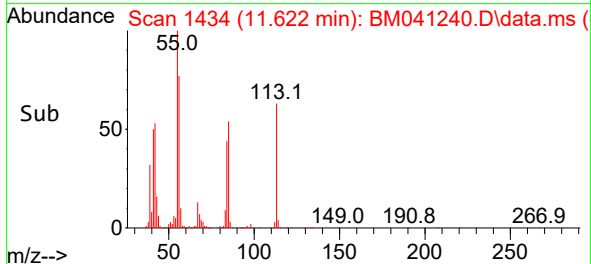
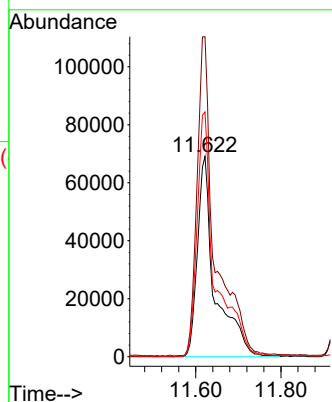
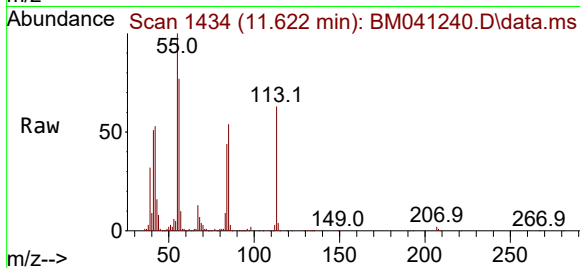
Tgt Ion:113 Resp: 198668

Ion Ratio Lower Upper

113 100

55 159.8 162.5 202.5#

56 122.3 114.1 154.1



#36

4-Chloro-3-methylphenol

Concen: 59.054 ng

RT: 11.927 min Scan# 1486

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

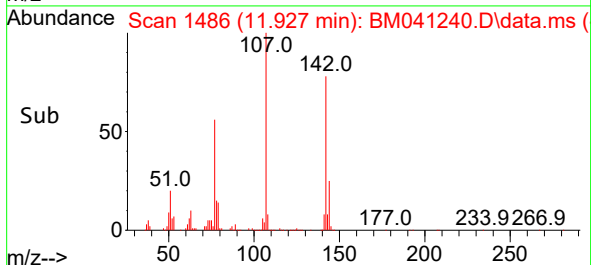
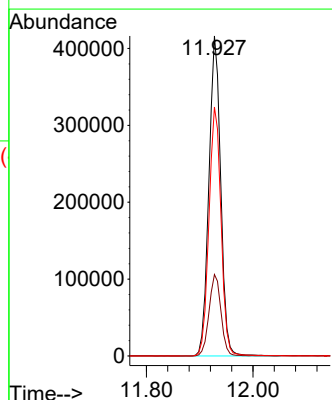
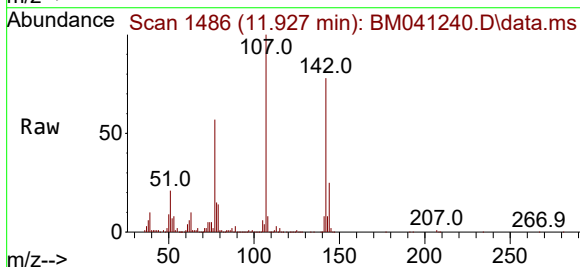
Tgt Ion:107 Resp: 640064

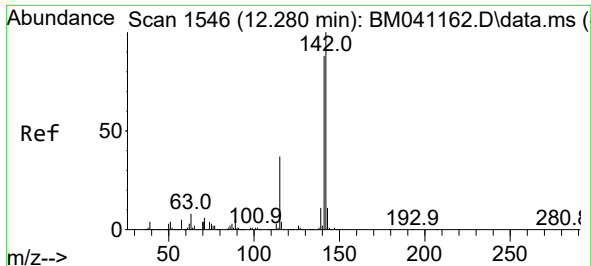
Ion Ratio Lower Upper

107 100

144 25.5 20.1 30.1

142 77.8 62.2 93.4

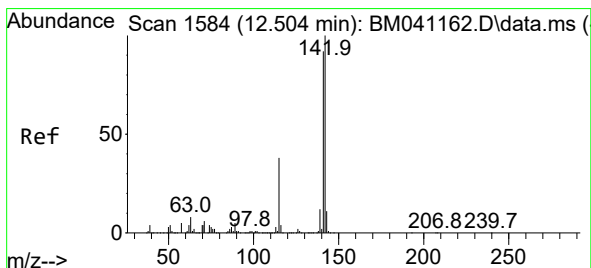
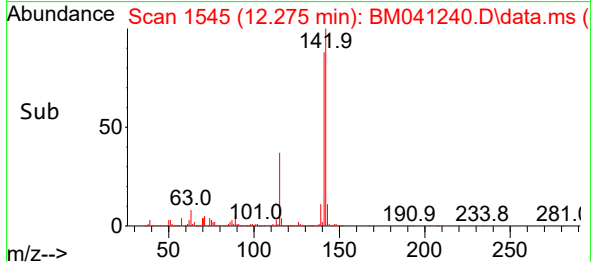
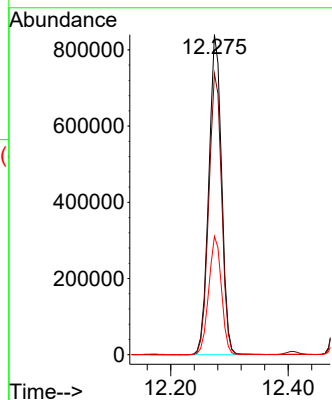
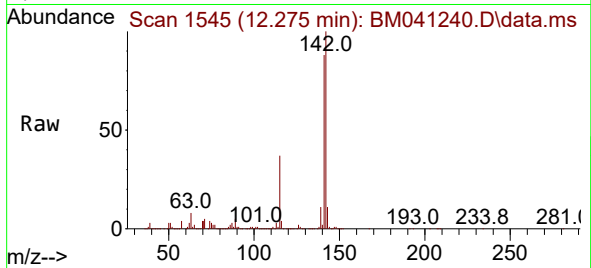




#37
2-Methylnaphthalene
Concen: 50.786 ng
RT: 12.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

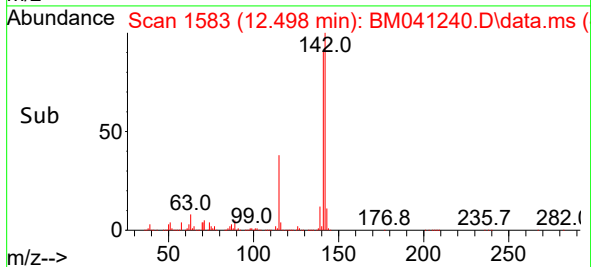
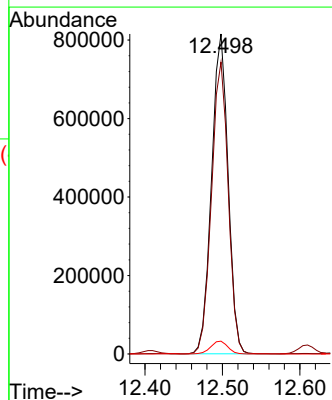
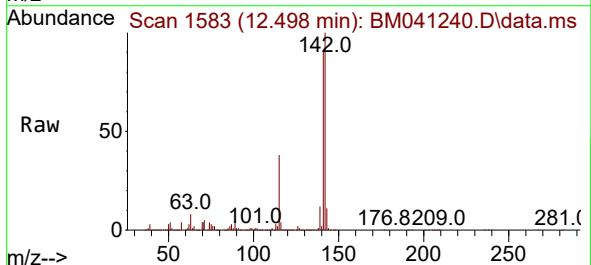
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

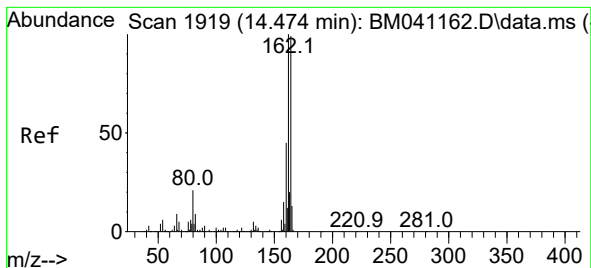
Tgt Ion:142 Resp: 1268326
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1
115 37.0 29.3 43.9



#38
1-Methylnaphthalene
Concen: 51.733 ng
RT: 12.498 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:142 Resp: 1209221
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.468 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

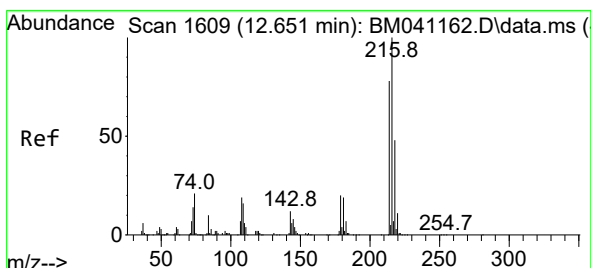
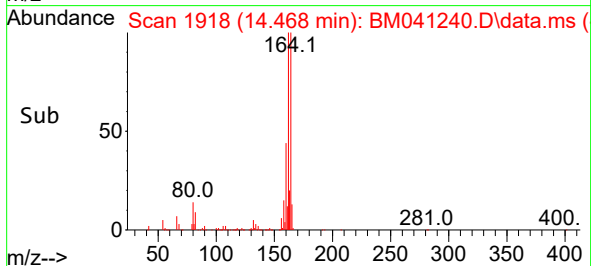
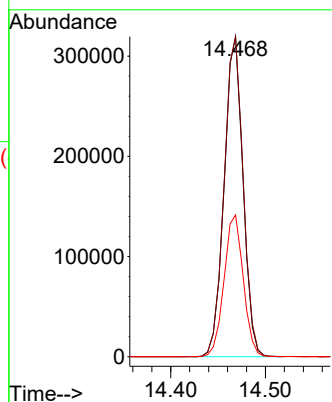
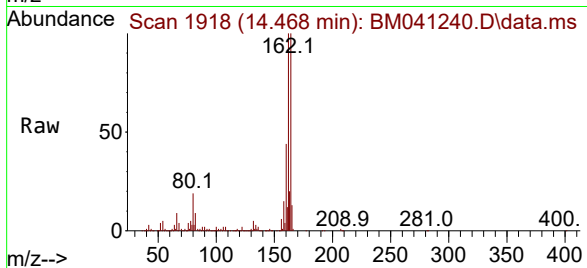
Tgt Ion:164 Resp: 440932

Ion Ratio Lower Upper

164 100

162 100.0 80.4 120.6

160 44.3 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.788 ng

RT: 12.645 min Scan# 1608

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Tgt Ion:216 Resp: 727153

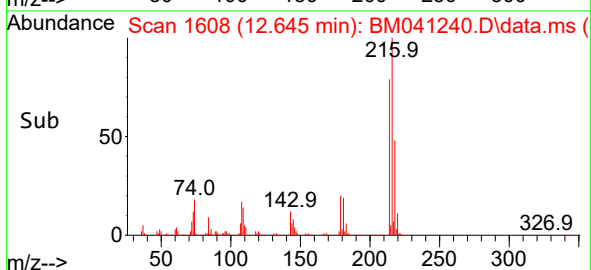
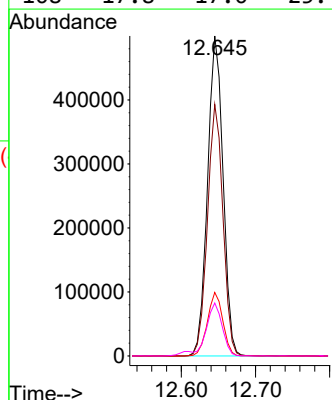
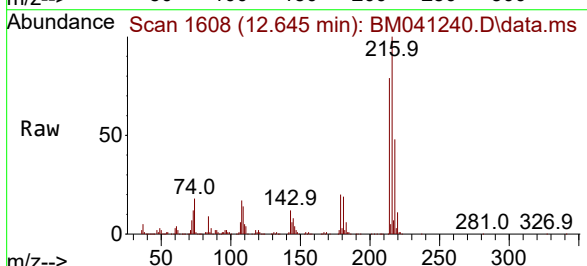
Ion Ratio Lower Upper

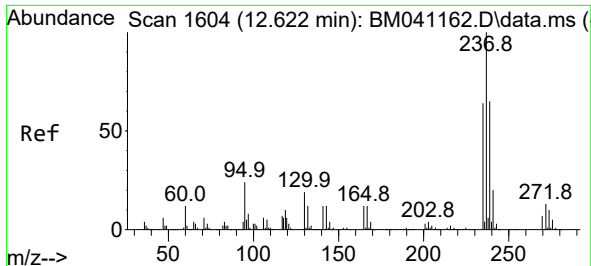
216 100

214 78.4 63.2 94.8

179 19.7 16.2 24.2

108 17.8 17.0 25.4

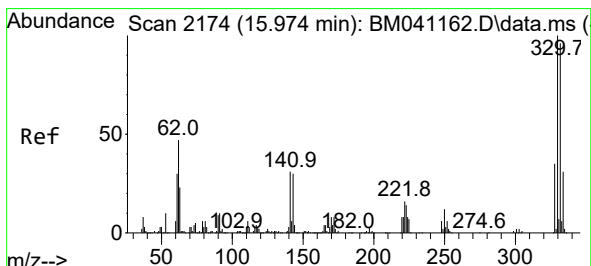
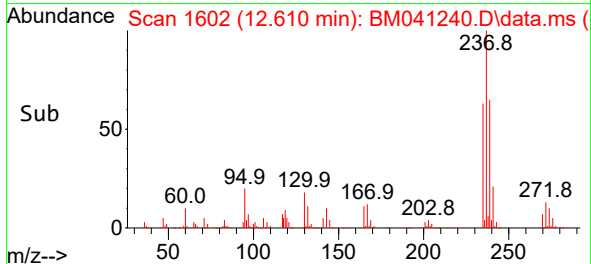
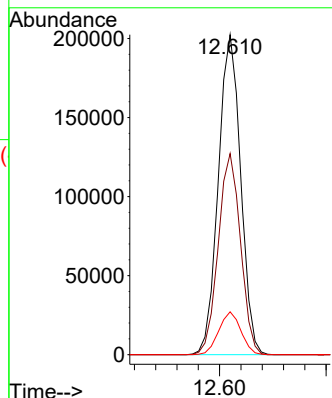
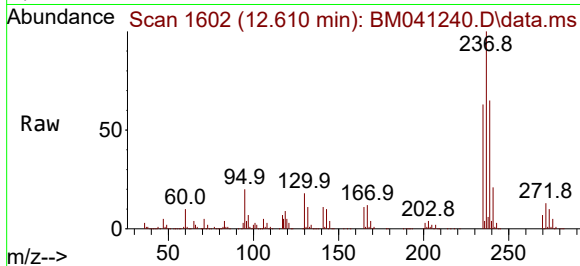




#41
Hexachlorocyclopentadiene
Concen: 38.827 ng
RT: 12.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

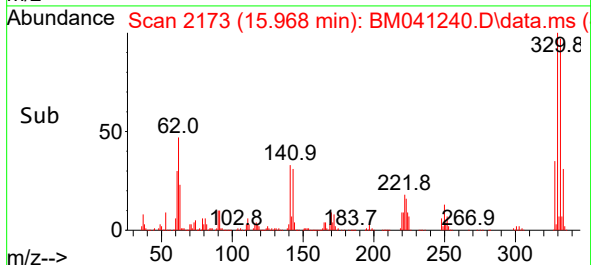
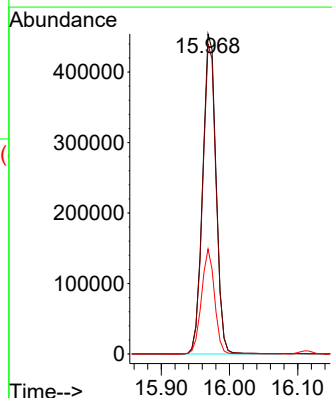
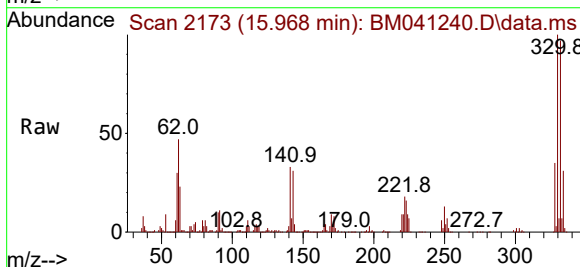
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

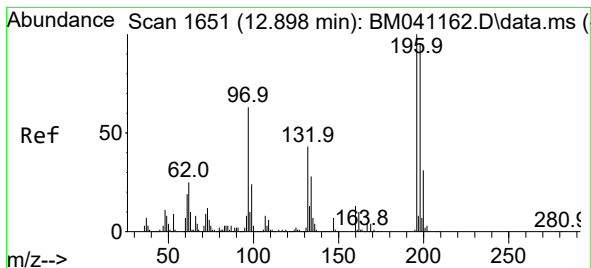
Tgt Ion:237 Resp: 294102
Ion Ratio Lower Upper
237 100
235 62.9 43.6 83.6
272 13.4 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 99.358 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:330 Resp: 619671
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 32.0 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 56.708 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

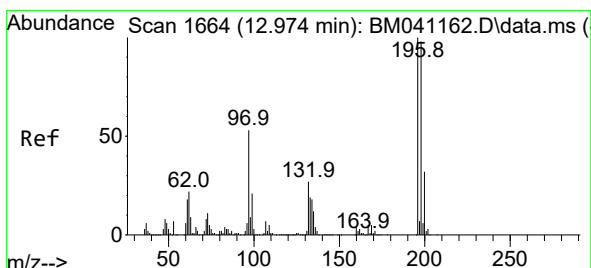
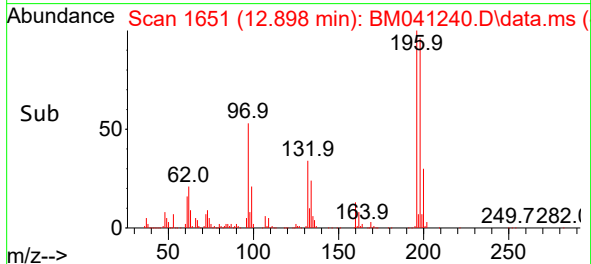
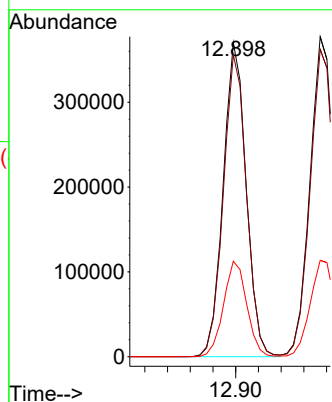
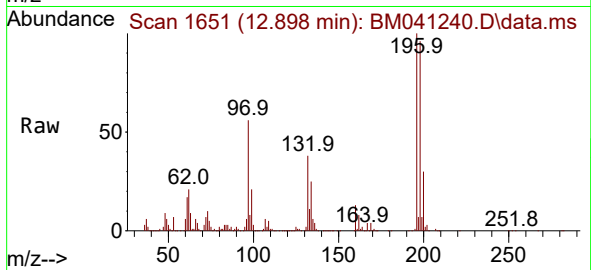
Tgt Ion:196 Resp: 520393

Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.4

200 30.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 53.837 ng

RT: 12.974 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Tgt Ion:196 Resp: 571820

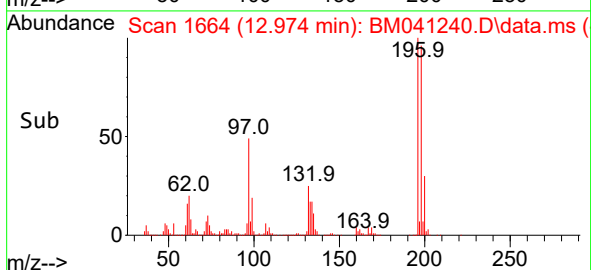
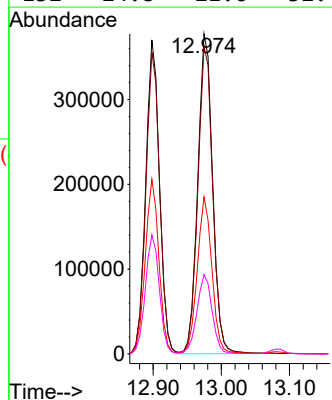
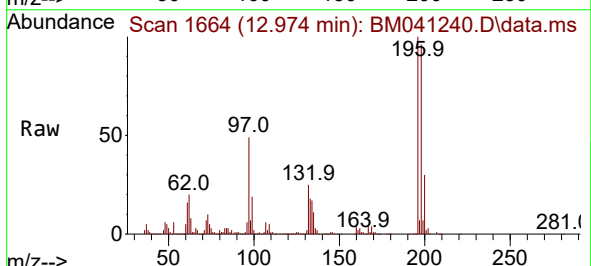
Ion Ratio Lower Upper

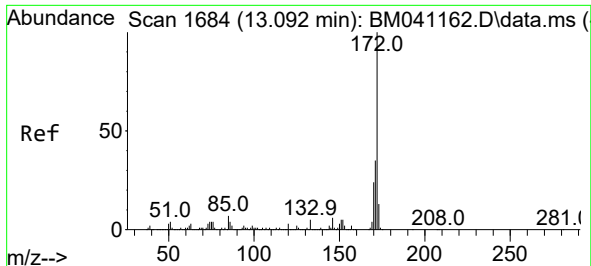
196 100

198 96.1 78.2 117.4

97 49.0 42.7 64.1

132 24.8 21.6 32.4

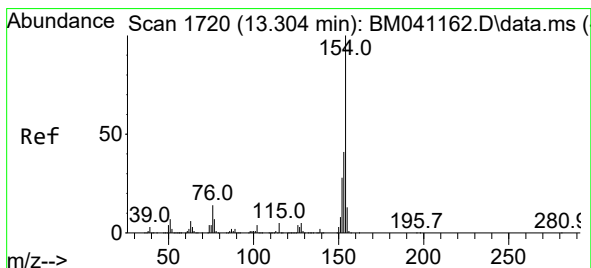
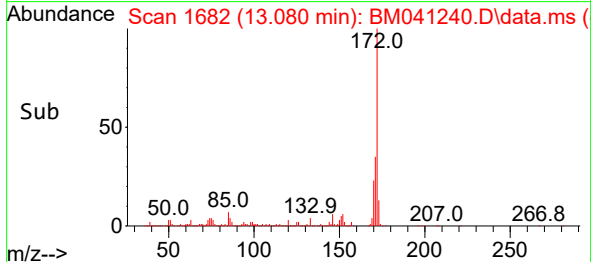
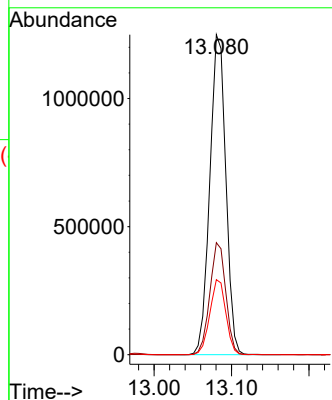
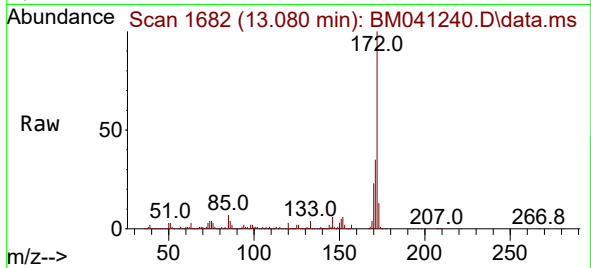




#45
2-Fluorobiphenyl
Concen: 51.392 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

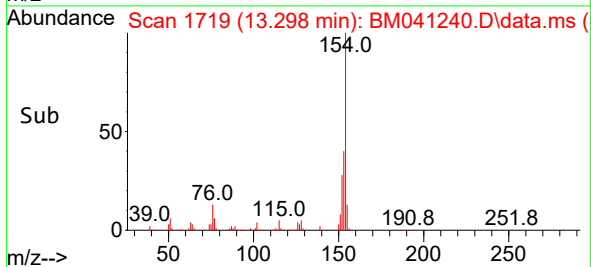
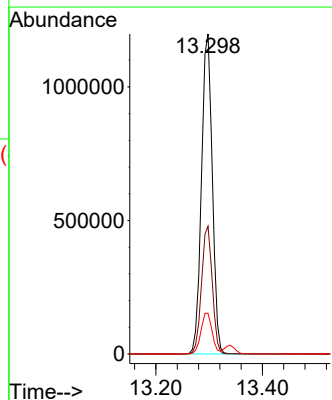
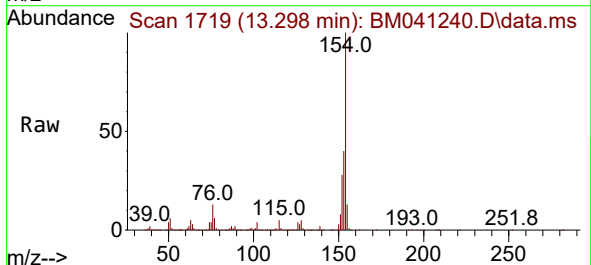
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

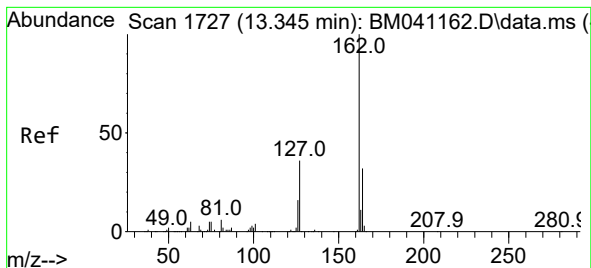
Tgt Ion:172 Resp: 1793804
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 47.299 ng
RT: 13.298 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:154 Resp: 1690759
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 12.7 0.0 34.1

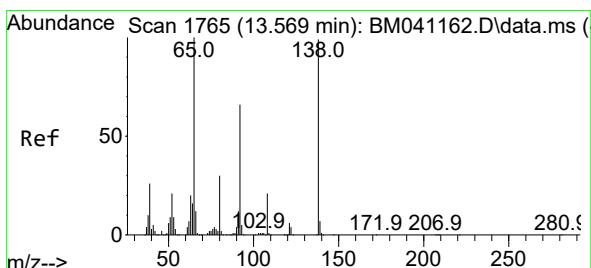
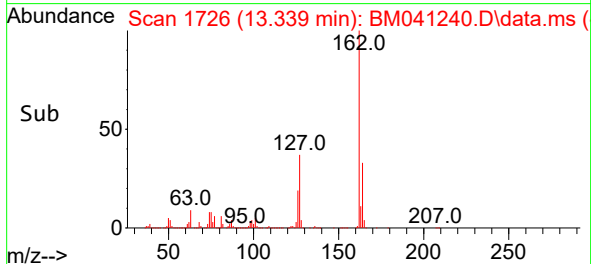
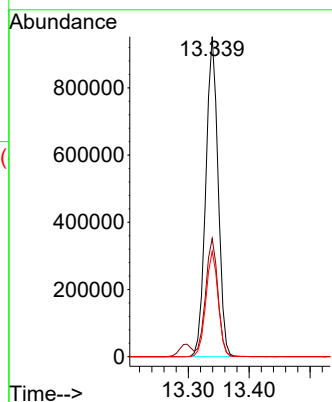
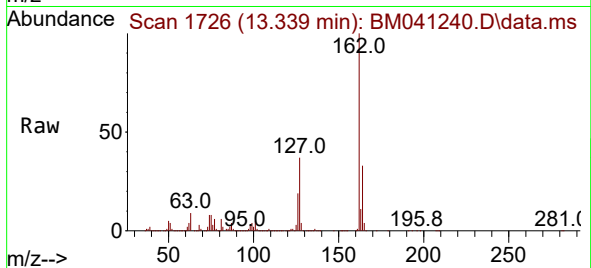




#47
2-Chloronaphthalene
Concen: 50.102 ng
RT: 13.339 min Scan# 1727
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

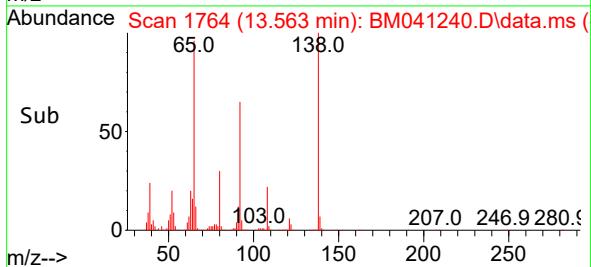
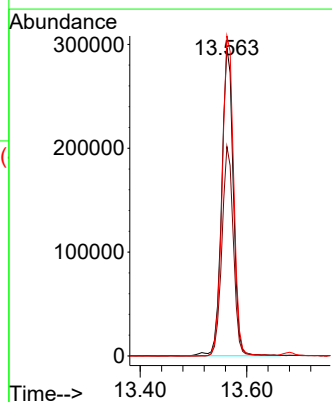
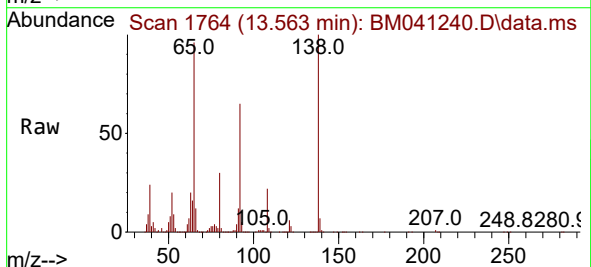
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

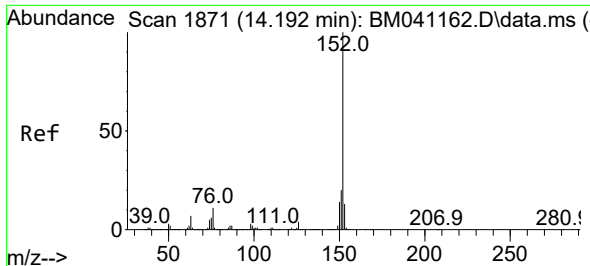
Tgt Ion:162 Resp: 1337232
Ion Ratio Lower Upper
162 100
127 36.9 30.6 45.8
164 32.9 25.6 38.4



#48
2-Nitroaniline
Concen: 52.719 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion: 65 Resp: 449147
Ion Ratio Lower Upper
65 100
92 67.9 53.0 79.4
138 103.8 79.1 118.7

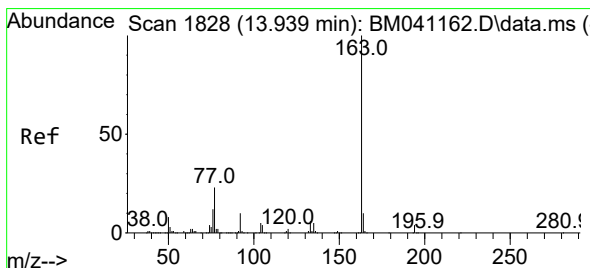
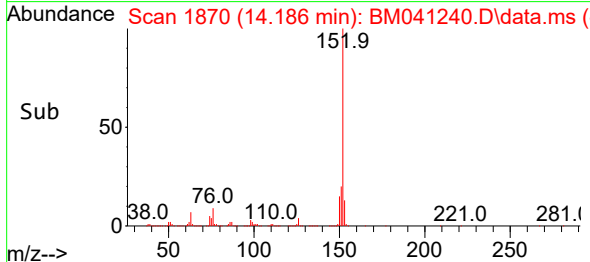
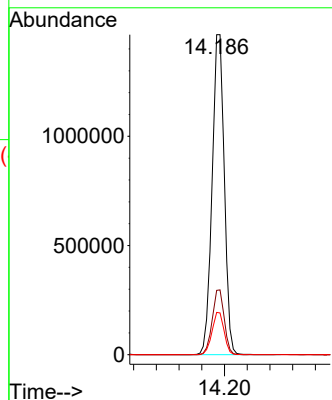
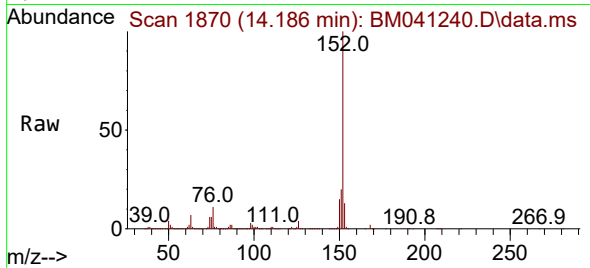




#49
Acenaphthylene
Concen: 50.491 ng
RT: 14.186 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

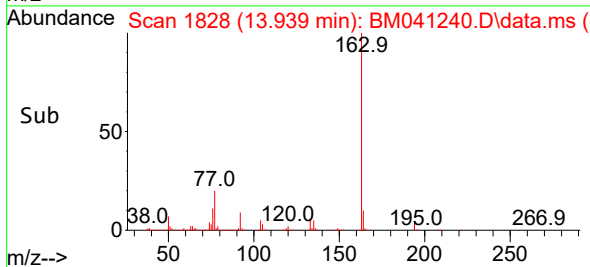
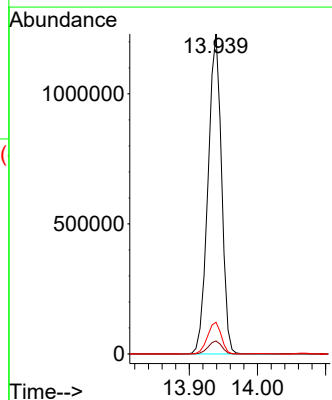
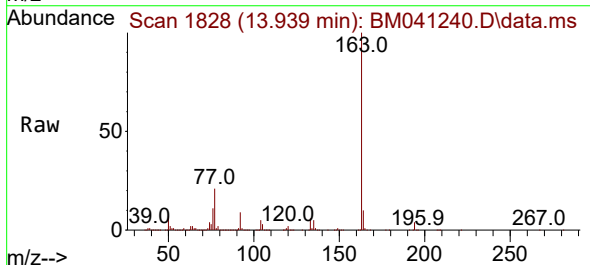
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

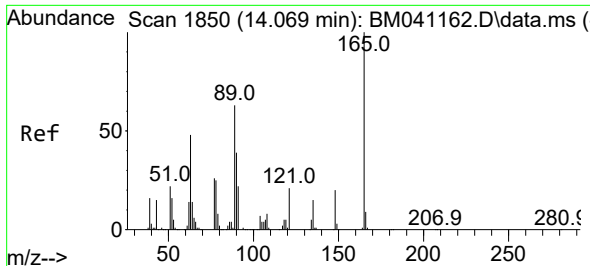
Tgt Ion:152 Resp: 2175180
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 51.122 ng
RT: 13.939 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:163 Resp: 1695609
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.3 12.5

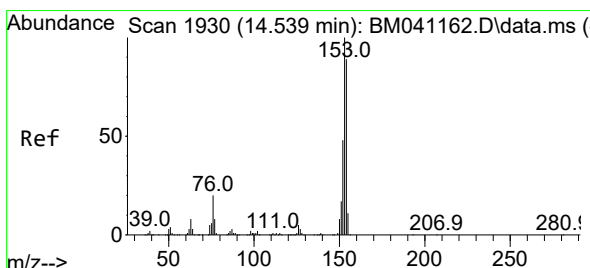
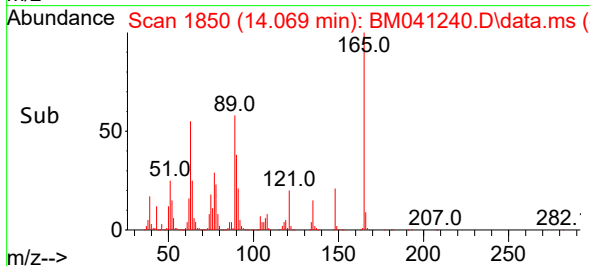
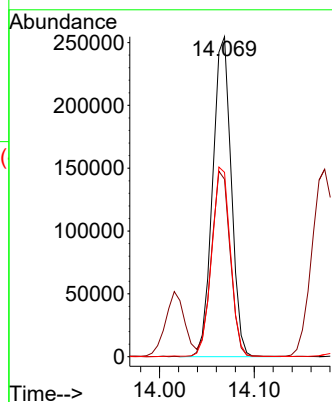
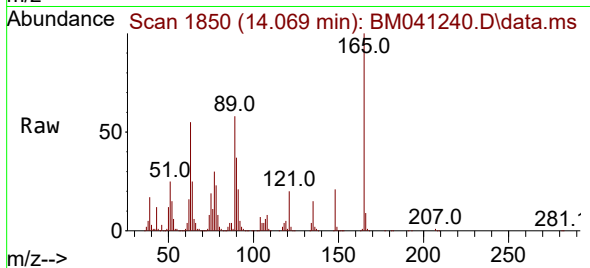




#51
2,6-Dinitrotoluene
Concen: 50.614 ng
RT: 14.069 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

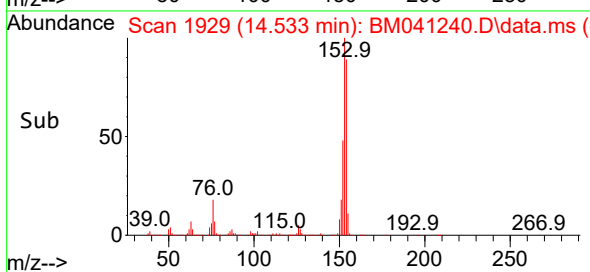
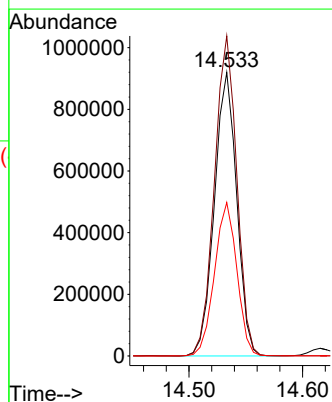
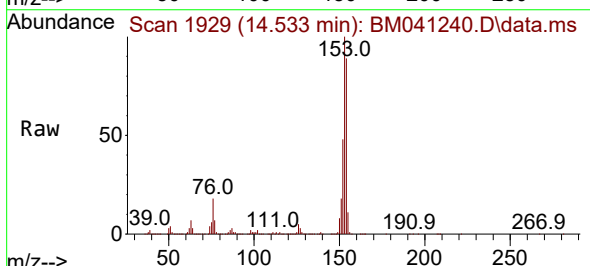
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

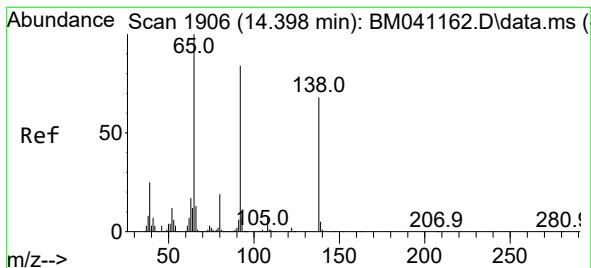
Tgt Ion:165 Resp: 347837
Ion Ratio Lower Upper
165 100
63 55.4 50.9 76.3
89 57.6 50.6 76.0



#52
Acenaphthene
Concen: 48.457 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:154 Resp: 1257597
Ion Ratio Lower Upper
154 100
153 112.9 90.2 135.4
152 54.1 43.4 65.0

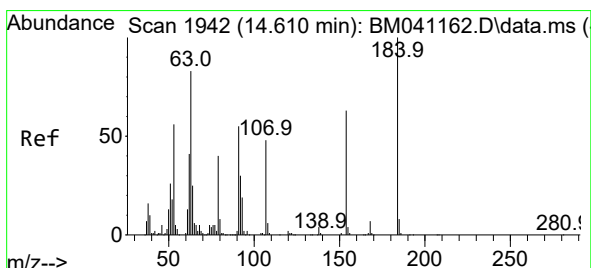
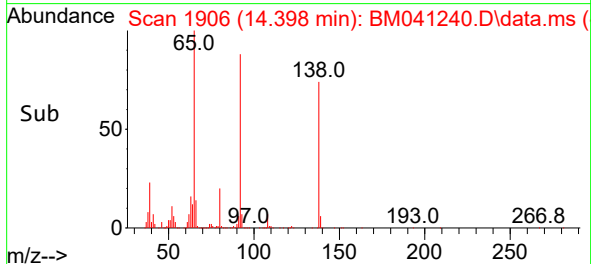
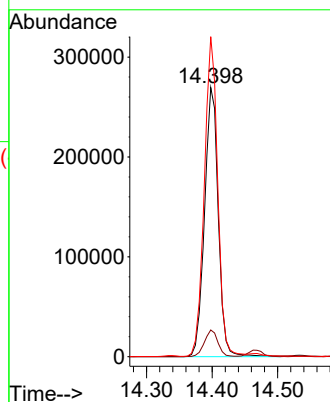
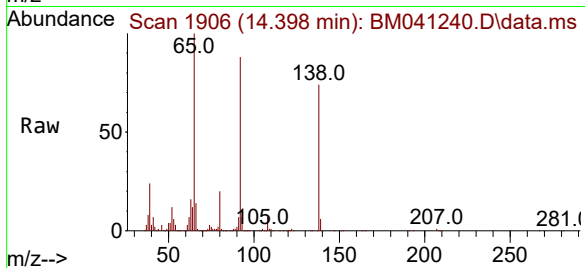




#53
3-Nitroaniline
Concen: 49.419 ng
RT: 14.398 min Scan# 1906
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

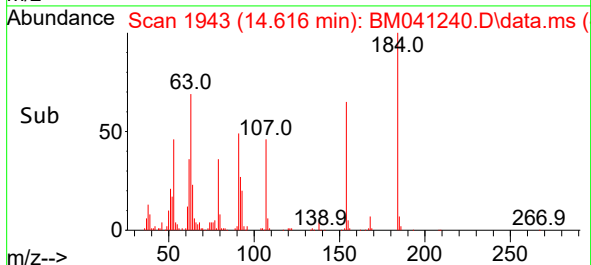
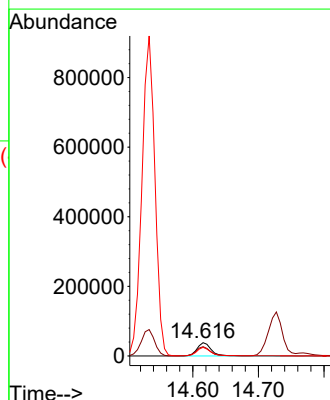
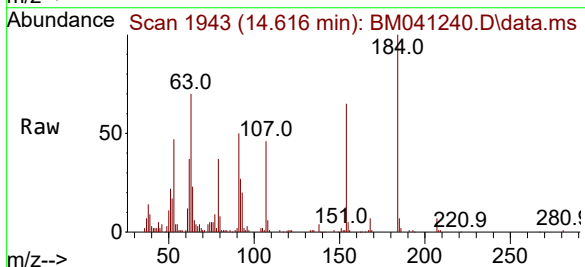
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

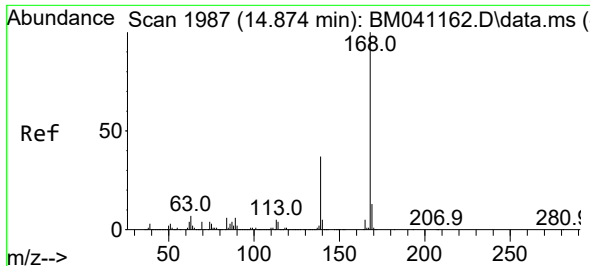
Tgt Ion:138 Resp: 393642
Ion Ratio Lower Upper
138 100
108 9.9 7.6 11.4
92 118.9 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 17.341 ng
RT: 14.616 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:184 Resp: 57600
Ion Ratio Lower Upper
184 100
63 69.7 66.5 99.7
154 64.9 52.8 79.2

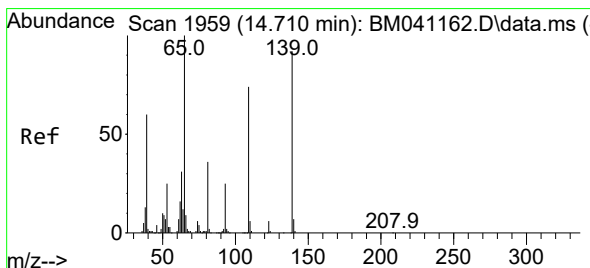
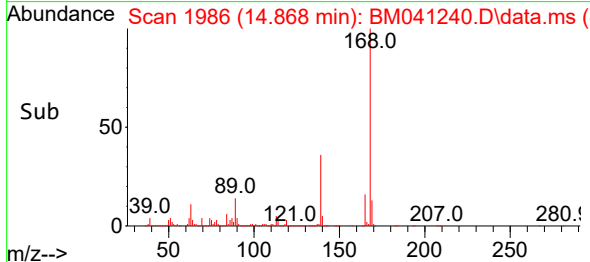
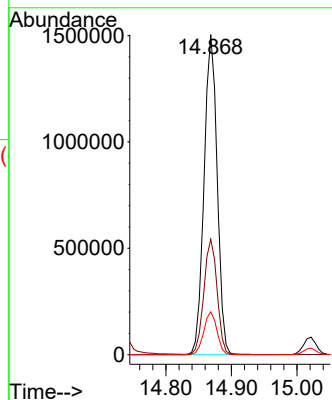
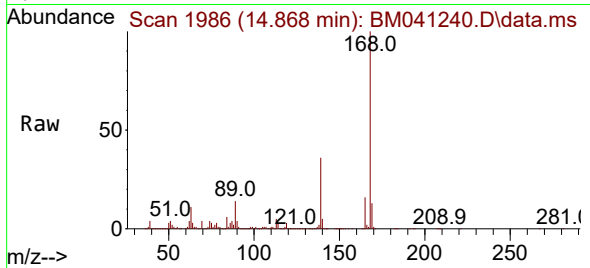




#55
Dibenzenofuran
Concen: 49.503 ng
RT: 14.868 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

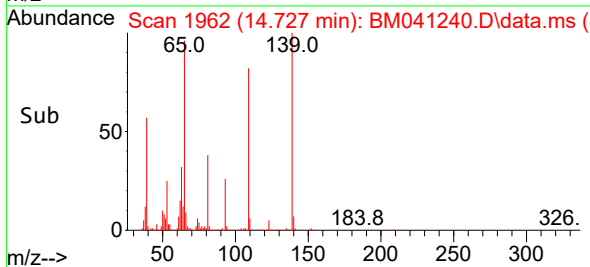
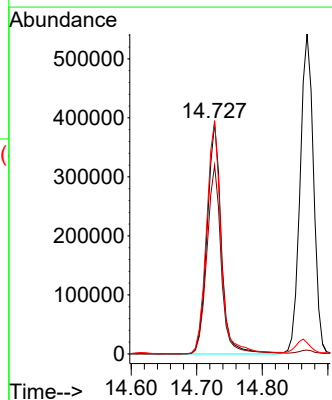
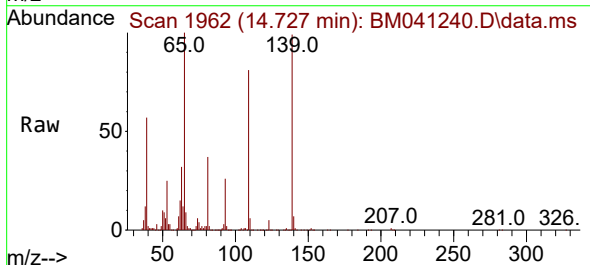
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

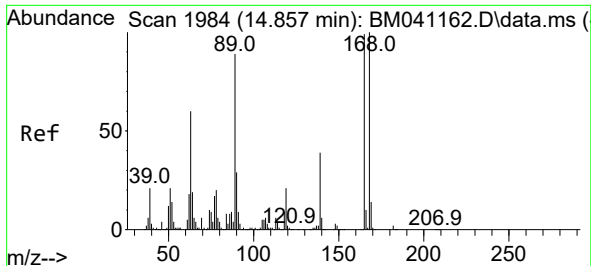
Tgt Ion:168 Resp: 2096101
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.6
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 103.396 ng
RT: 14.727 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:139 Resp: 592210
Ion Ratio Lower Upper
139 100
109 81.7 61.2 101.2
65 100.9 89.5 129.5

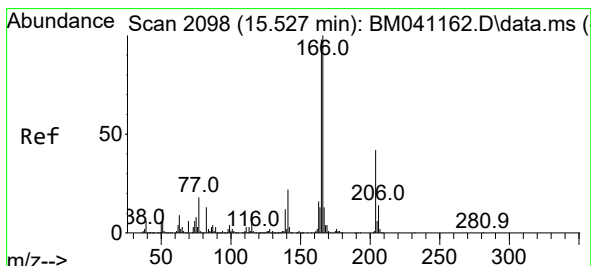
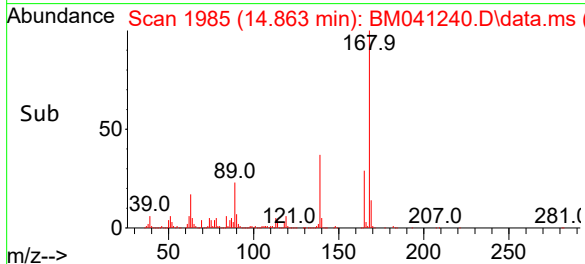
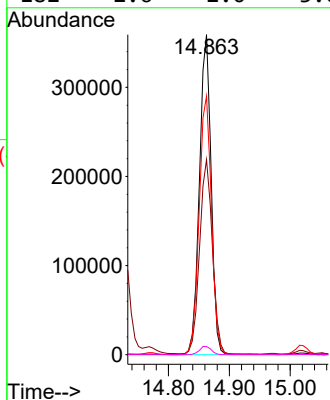
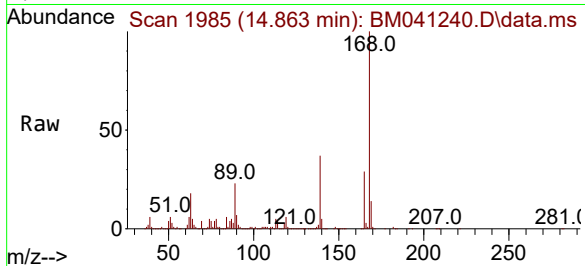




#57
2,4-Dinitrotoluene
Concen: 48.614 ng
RT: 14.863 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

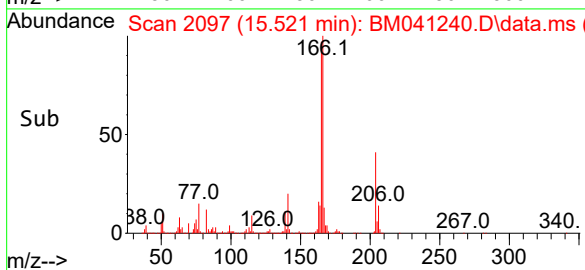
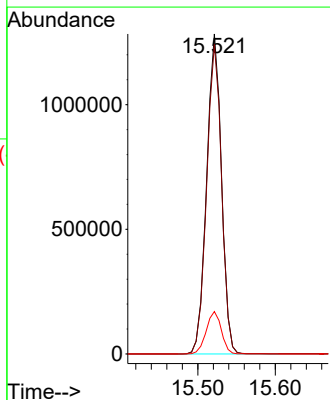
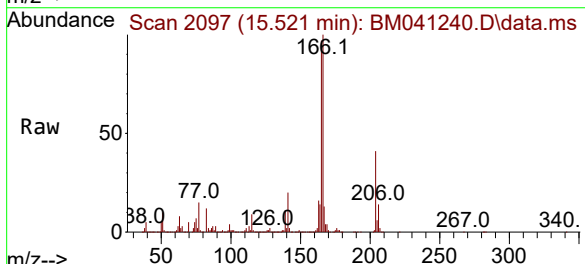
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

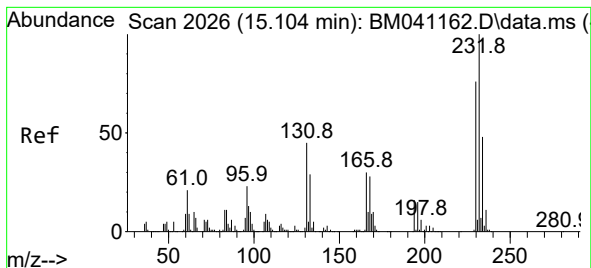
Tgt Ion:165 Resp: 477459
Ion Ratio Lower Upper
165 100
63 60.9 48.3 72.5
89 80.8 71.8 107.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 51.069 ng
RT: 15.521 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:166 Resp: 1705907
Ion Ratio Lower Upper
166 100
165 96.7 78.2 117.4
167 13.2 10.6 16.0

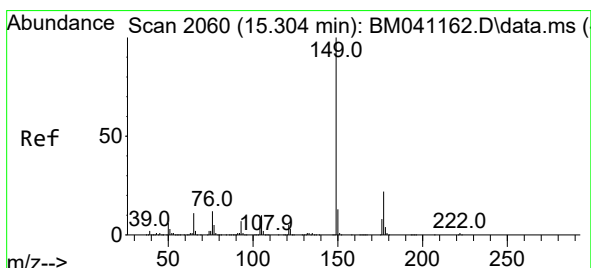
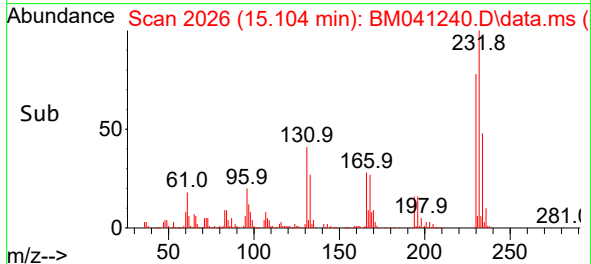
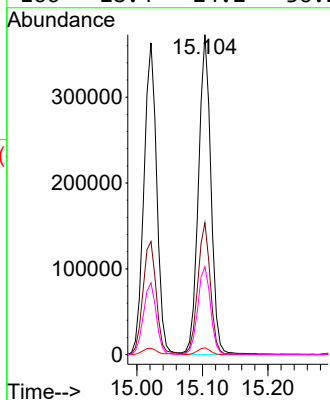
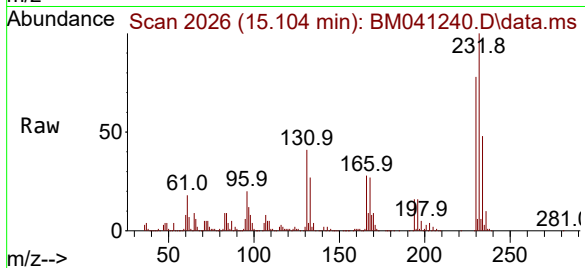




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.487 ng
RT: 15.104 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

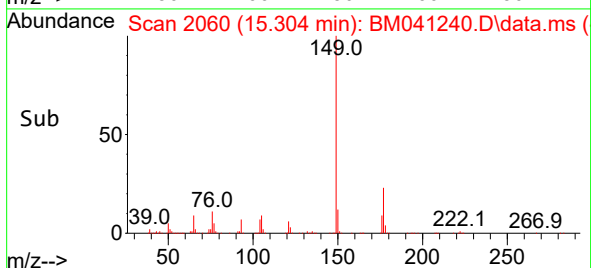
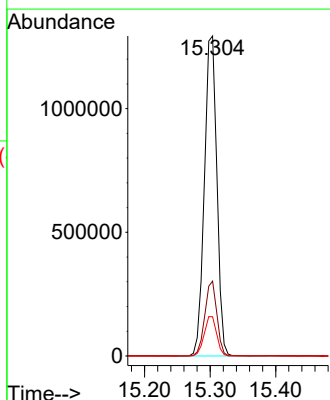
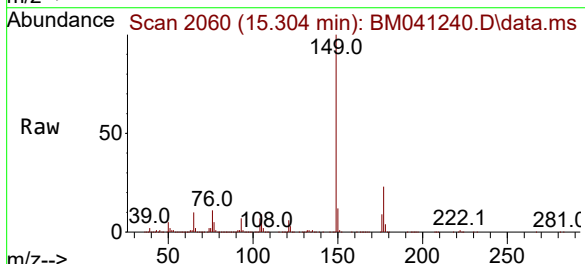
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

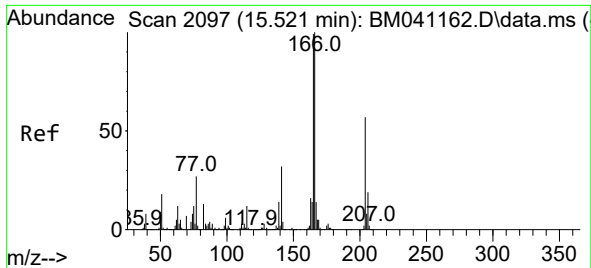
Tgt Ion:232 Resp: 494436
Ion Ratio Lower Upper
232 100
131 41.4 36.9 55.3
130 2.2 2.0 3.0
166 28.4 24.2 36.2



#60
Diethylphthalate
Concen: 53.427 ng
RT: 15.304 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:149 Resp: 1713666
Ion Ratio Lower Upper
149 100
177 23.4 17.5 26.3
150 12.3 10.1 15.1

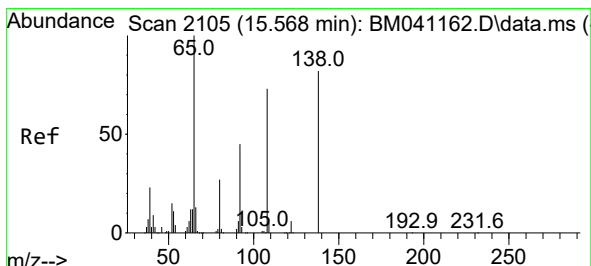
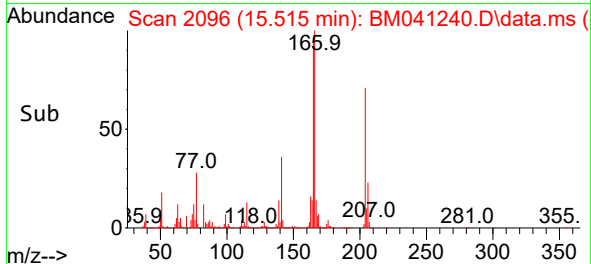
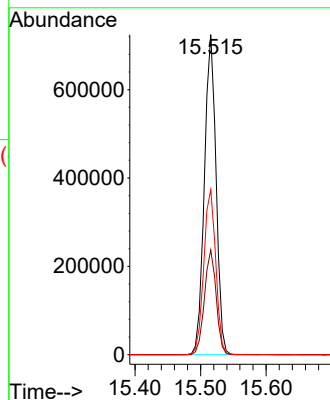
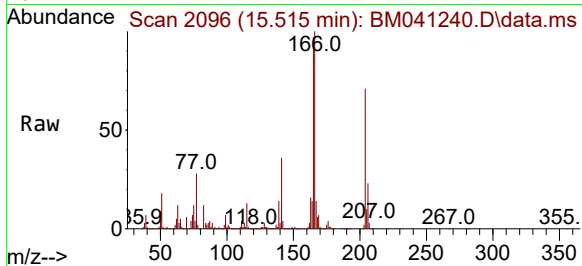




#61
4-Chlorophenyl-phenylether
Concen: 53.817 ng
RT: 15.515 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

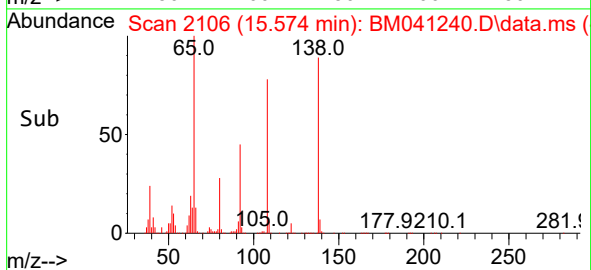
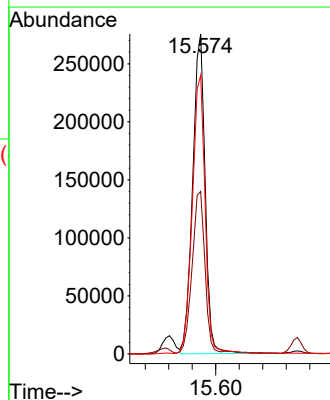
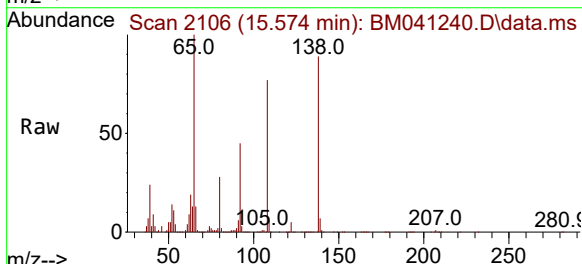
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

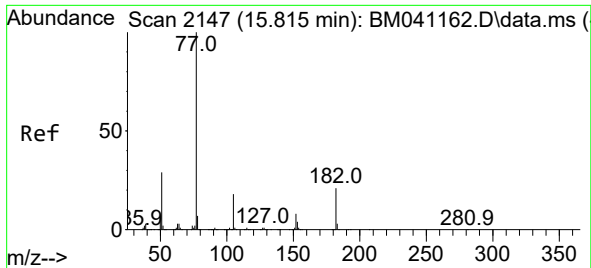
Tgt Ion:204 Resp: 900845
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 51.5 44.8 67.2



#62
4-Nitroaniline
Concen: 55.042 ng
RT: 15.574 min Scan# 2106
Delta R.T. 0.012 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:138 Resp: 408325
Ion Ratio Lower Upper
138 100
92 50.8 35.1 75.1
108 87.1 67.8 107.8

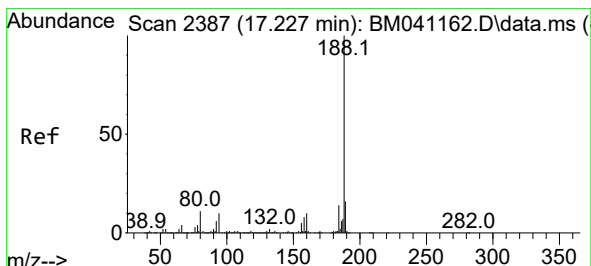
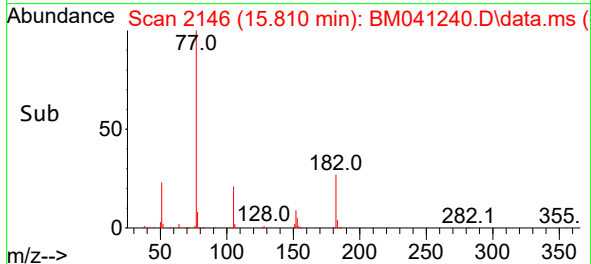
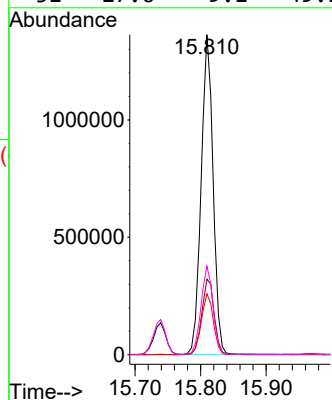
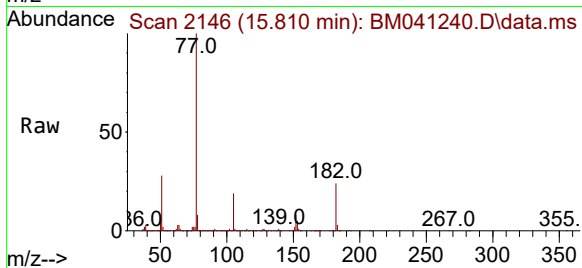




#63
Azobenzene
Concen: 49.000 ng
RT: 15.810 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

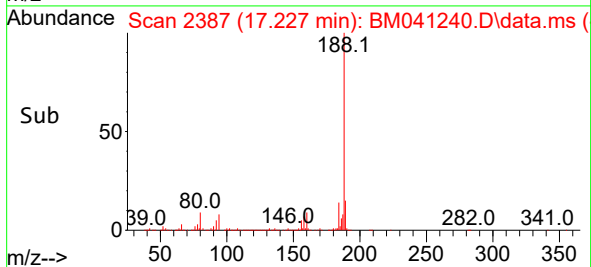
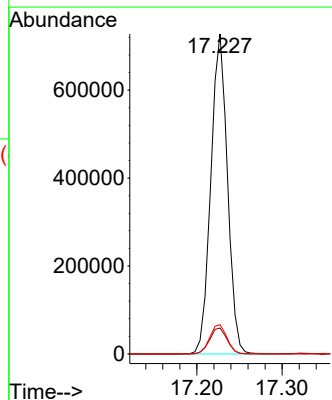
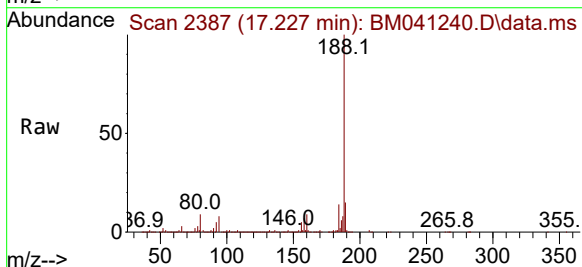
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

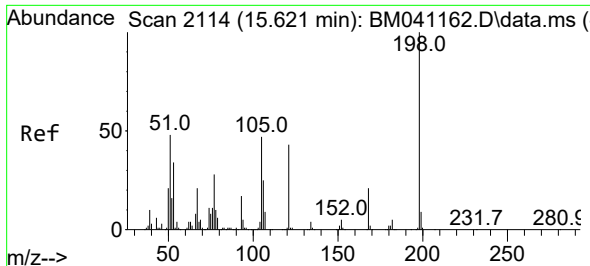
Tgt Ion: 77 Resp: 1721573
Ion Ratio Lower Upper
77 100
182 23.6 1.3 41.3
105 19.1 0.0 38.5
51 27.6 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2387
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:188 Resp: 985341
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.2#
80 9.1 8.6 13.0

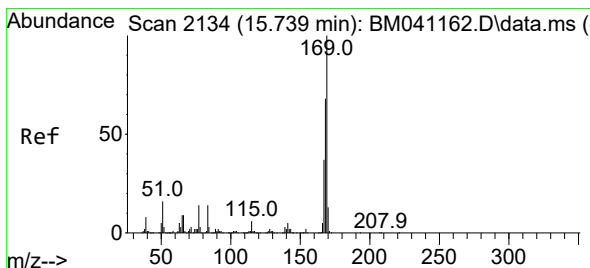
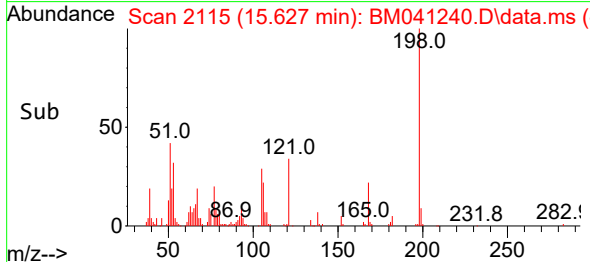
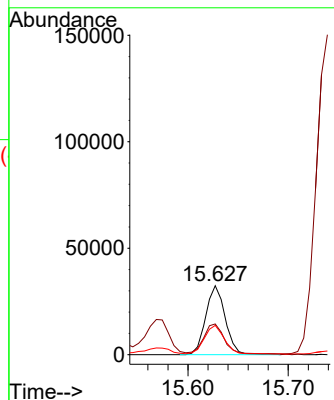
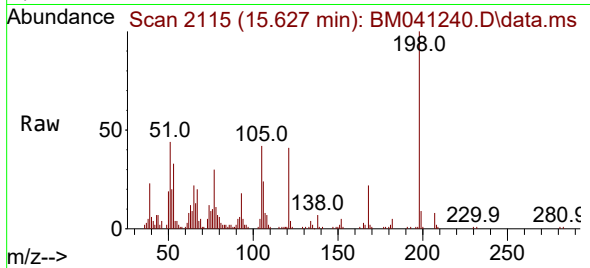




#65
4,6-Dinitro-2-methylphenol
Concen: 7.343 ng
RT: 15.627 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

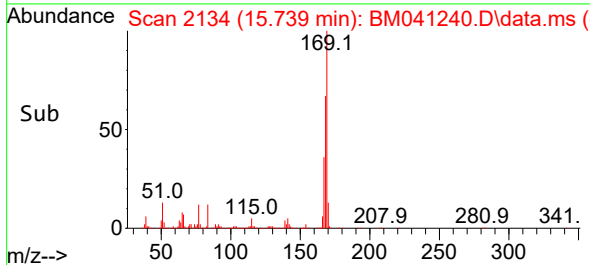
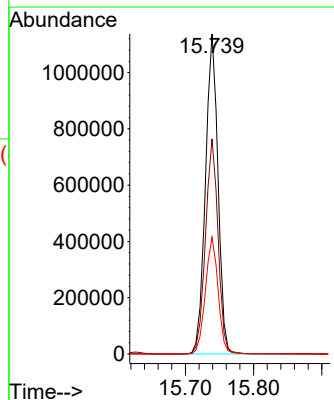
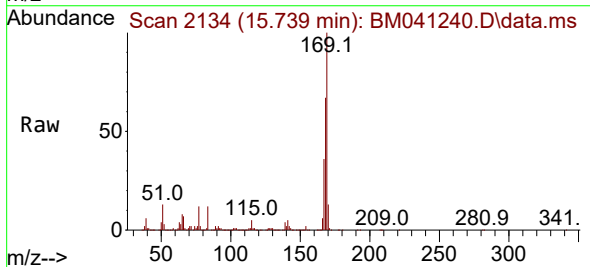
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

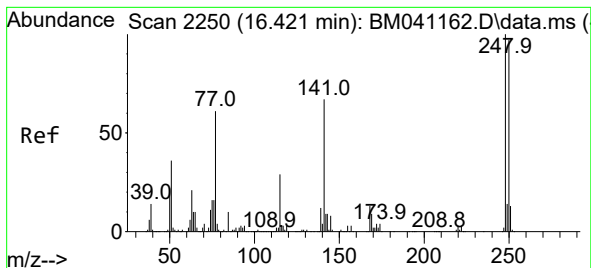
Tgt Ion:198 Resp: 43834
Ion Ratio Lower Upper
198 100
51 44.5 31.7 71.7
105 42.4 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 47.462 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:169 Resp: 1454462
Ion Ratio Lower Upper
169 100
168 67.2 54.6 81.8
167 36.5 29.9 44.9

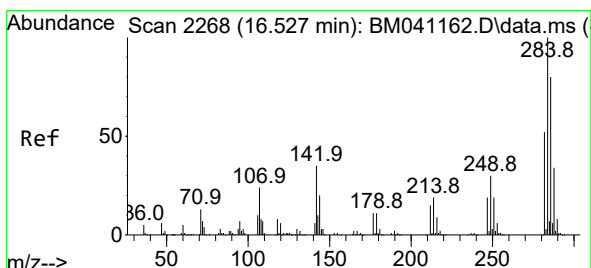
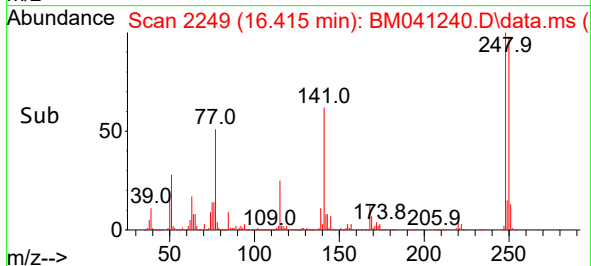
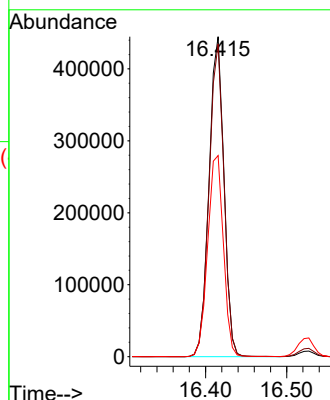
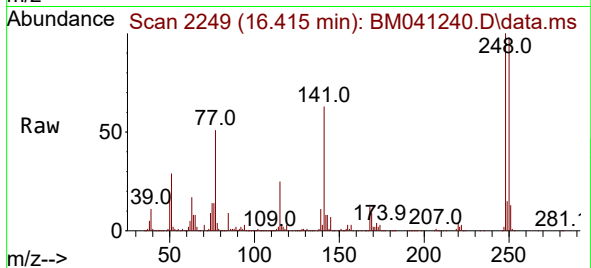




#67
4-Bromophenyl-phenylether
Concen: 52.462 ng
RT: 16.415 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

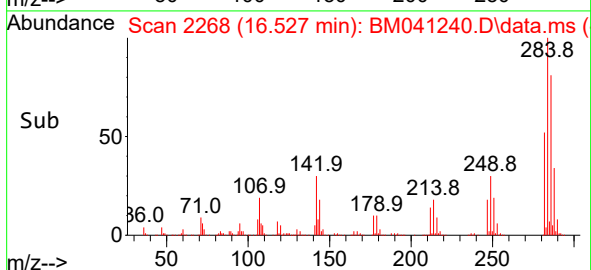
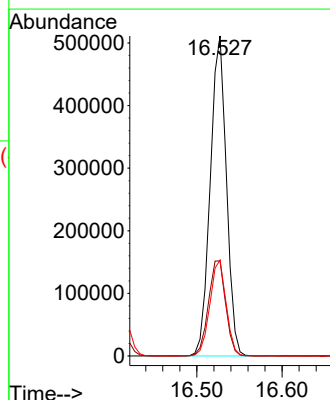
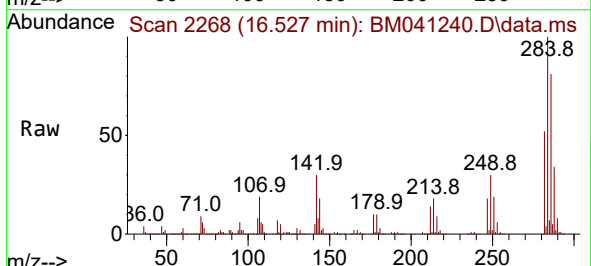
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

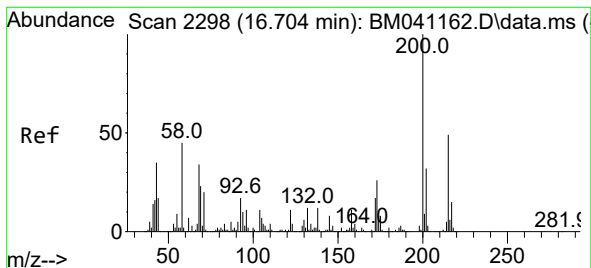
Tgt Ion:248 Resp: 566770
Ion Ratio Lower Upper
248 100
250 97.8 78.0 117.0
141 62.9 53.8 80.8



#68
Hexachlorobenzene
Concen: 55.967 ng
RT: 16.527 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:284 Resp: 672332
Ion Ratio Lower Upper
284 100
142 29.7 28.0 42.0
249 30.0 23.7 35.5





#69

Atrazine

Concen: 61.236 ng

RT: 16.704 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

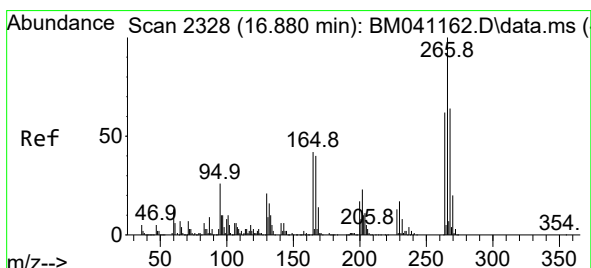
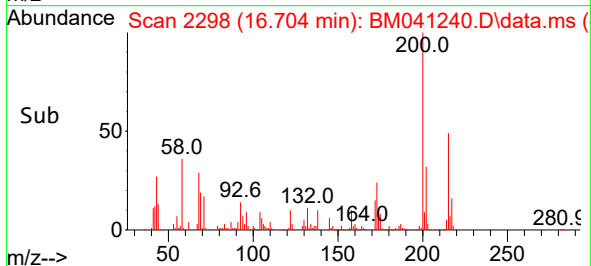
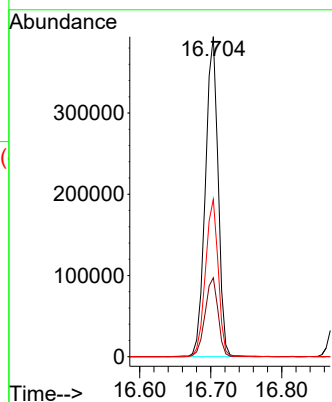
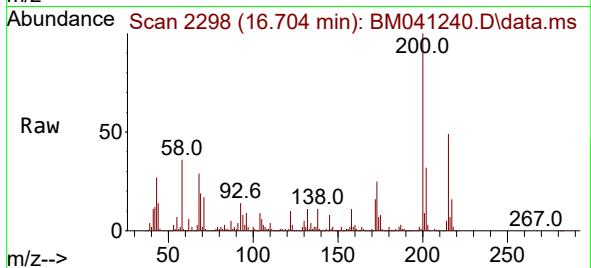
Tgt Ion:200 Resp: 492812

Ion Ratio Lower Upper

200 100

173 24.6 5.6 45.6

215 49.2 28.5 68.5



#70

Pentachlorophenol

Concen: 79.945 ng

RT: 16.880 min Scan# 2328

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

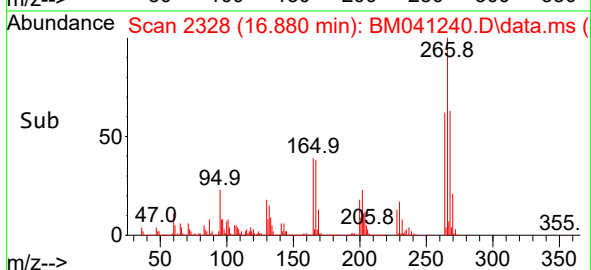
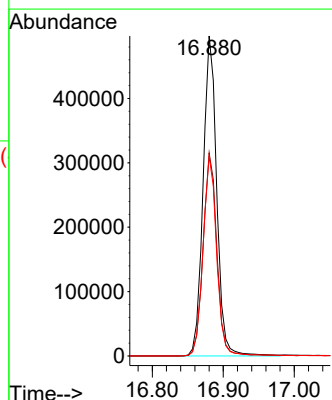
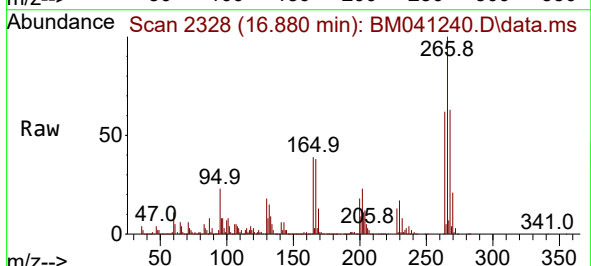
Tgt Ion:266 Resp: 665019

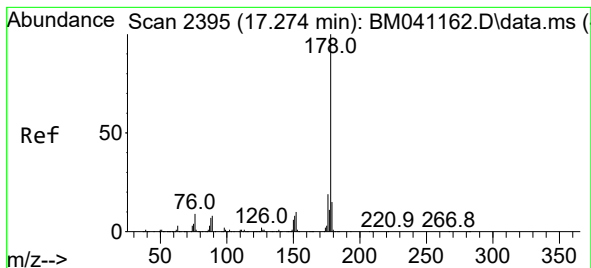
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 62.5 49.4 74.2





#71

Phenanthrene

Concen: 49.100 ng

RT: 17.268 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

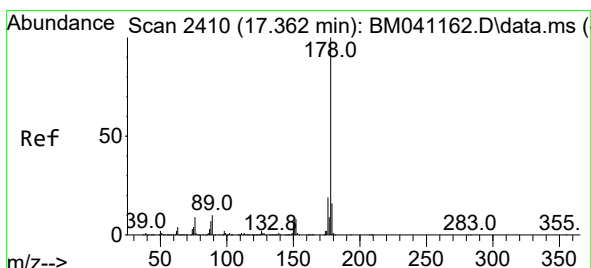
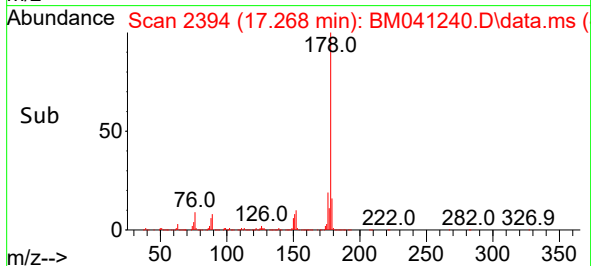
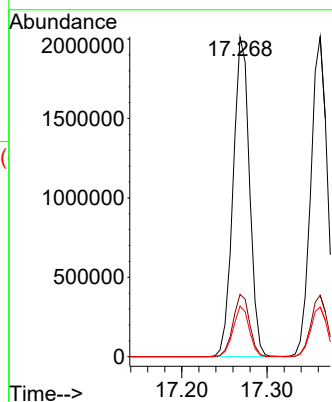
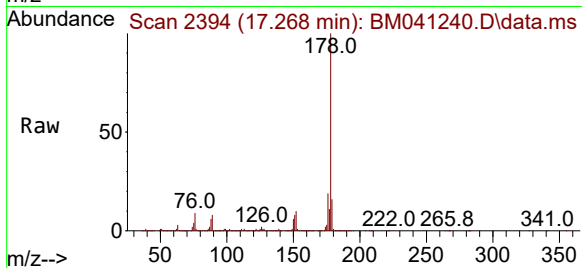
Tgt Ion:178 Resp: 2688009

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.8 12.1 18.1



#72

Anthracene

Concen: 50.231 ng

RT: 17.362 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

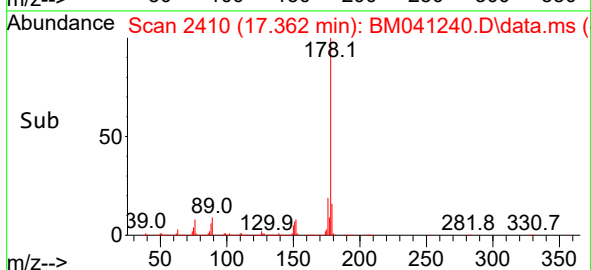
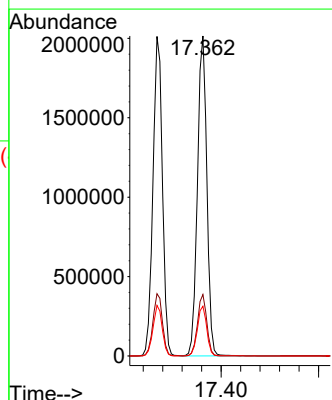
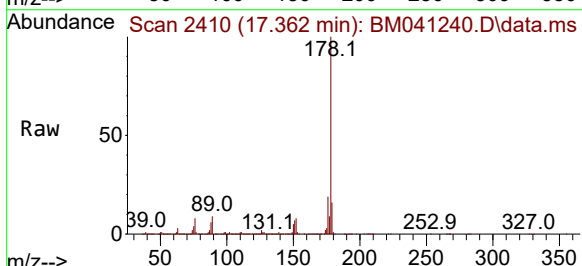
Tgt Ion:178 Resp: 2719761

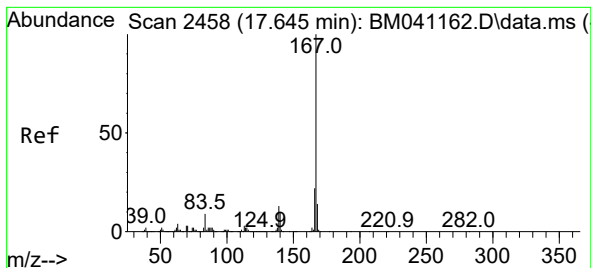
Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.6 12.4 18.6





#73

Carbazole

Concen: 49.902 ng

RT: 17.645 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

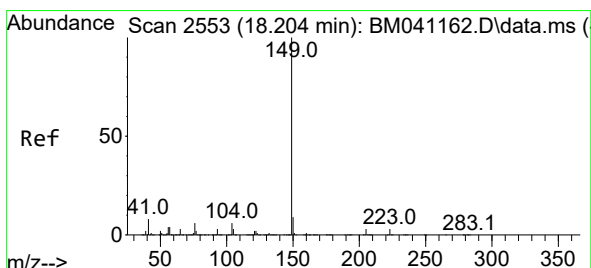
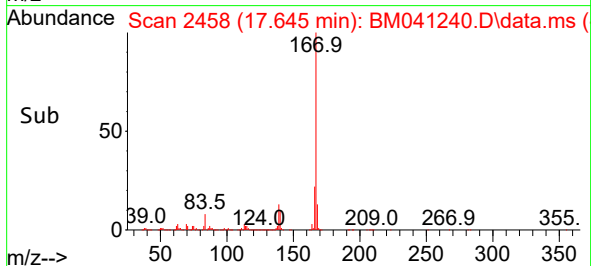
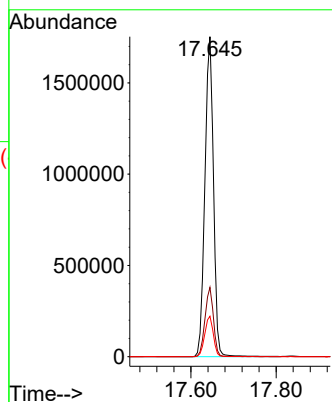
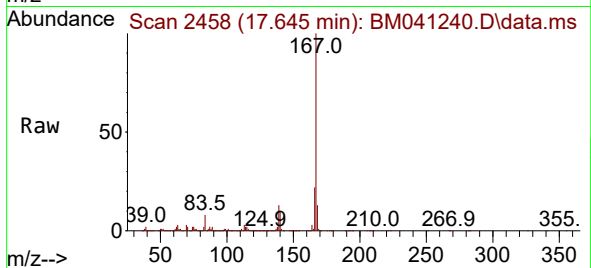
Tgt Ion:167 Resp: 2445543

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 57.827 ng

RT: 18.198 min Scan# 2552

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

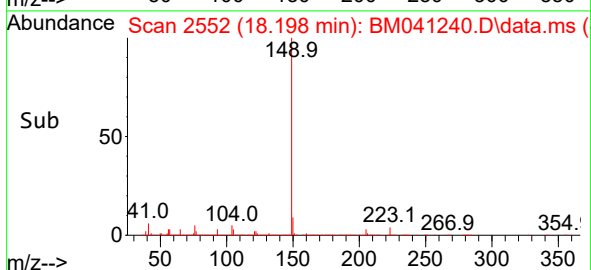
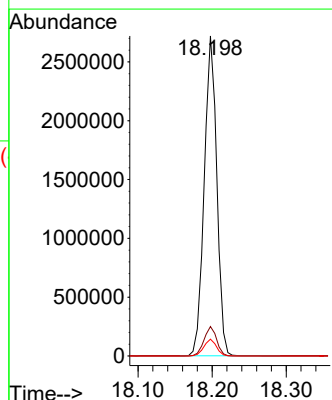
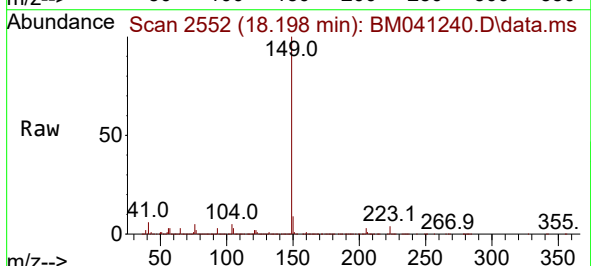
Tgt Ion:149 Resp: 3202363

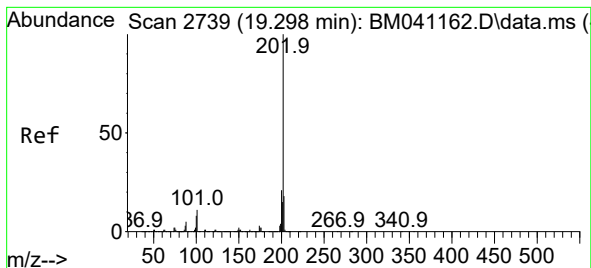
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 50.496 ng

RT: 19.298 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

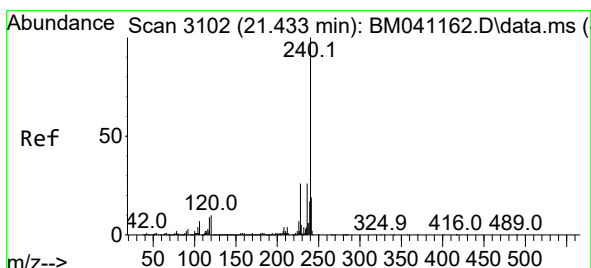
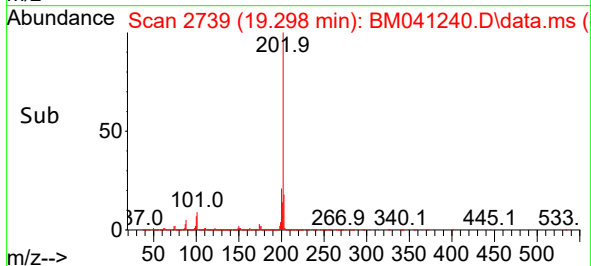
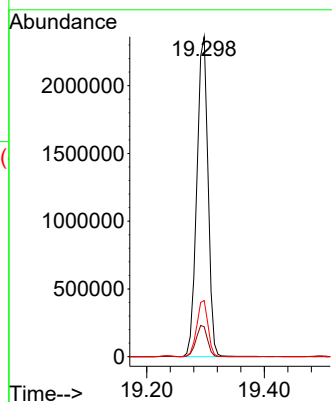
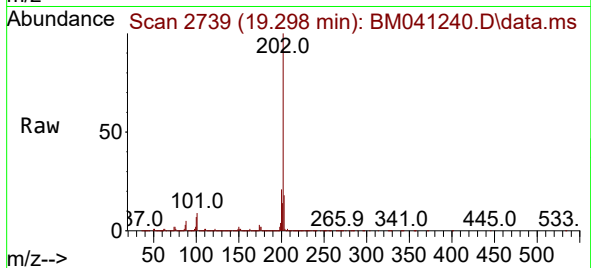
Tgt Ion:202 Resp: 3105805

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.8

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

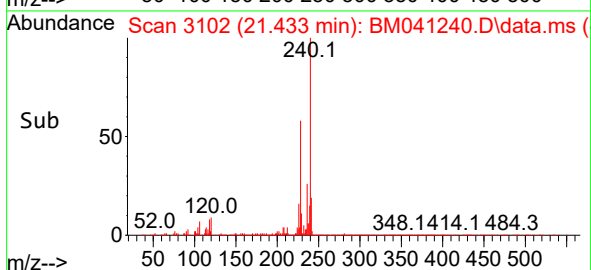
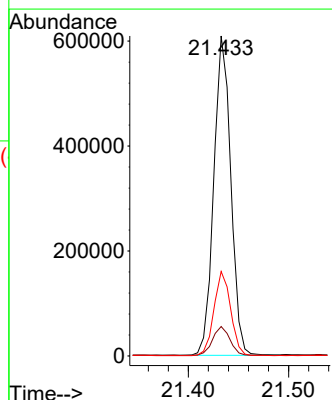
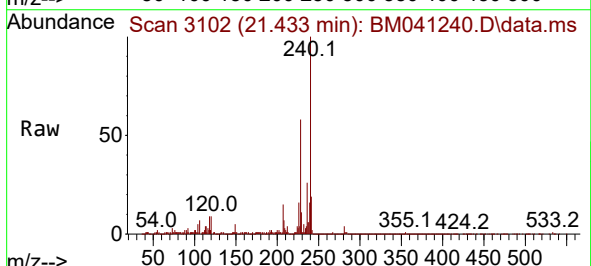
Tgt Ion:240 Resp: 717790

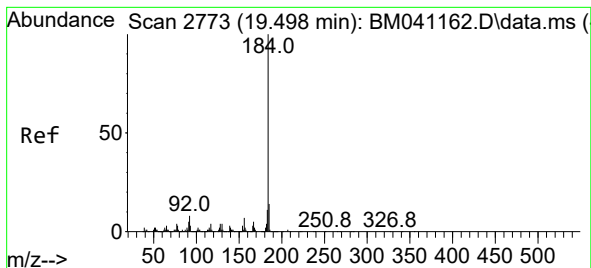
Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

236 26.4 20.6 30.8





#77

Benzidine

Concen: 113.974 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

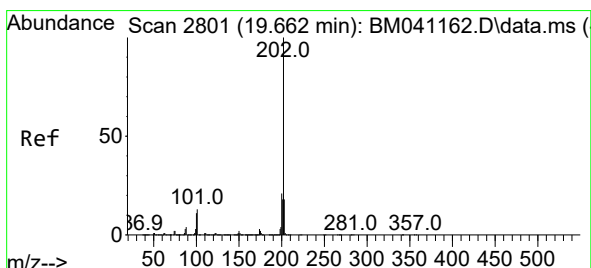
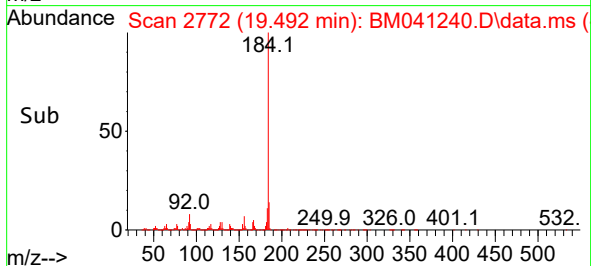
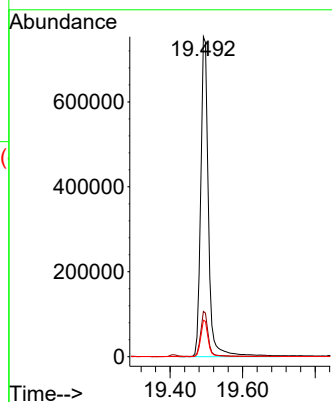
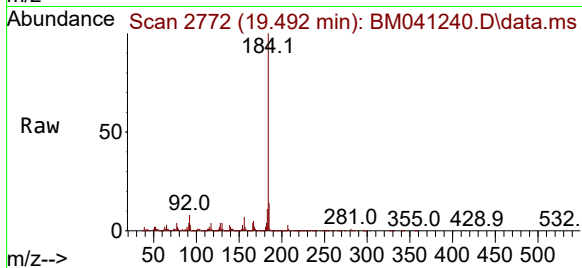
Tgt Ion:184 Resp: 1115052

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 11.4 9.2 13.8



#78

Pyrene

Concen: 62.320 ng

RT: 19.662 min Scan# 2801

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

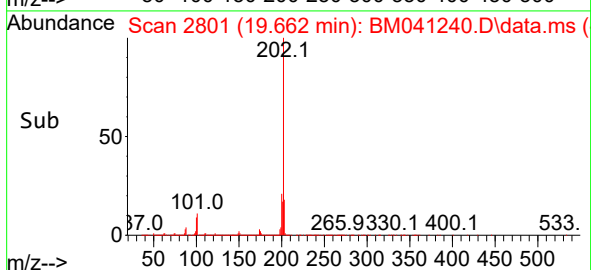
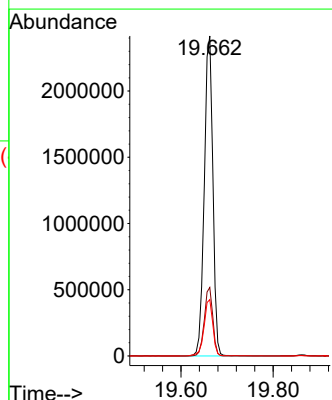
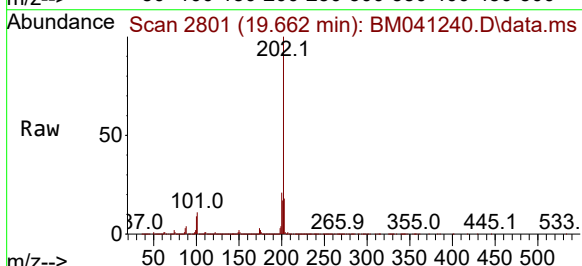
Tgt Ion:202 Resp: 3128213

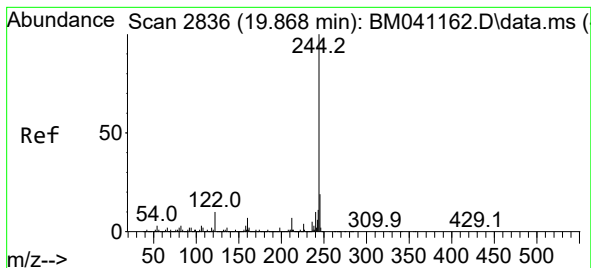
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 77.553 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

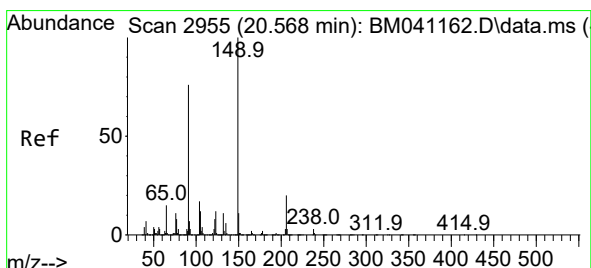
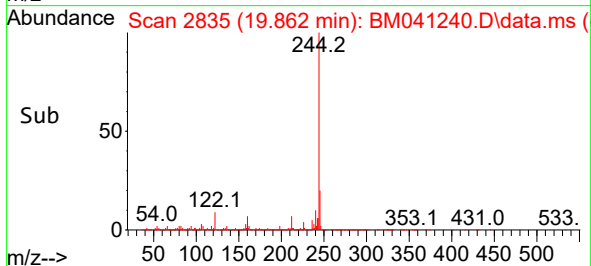
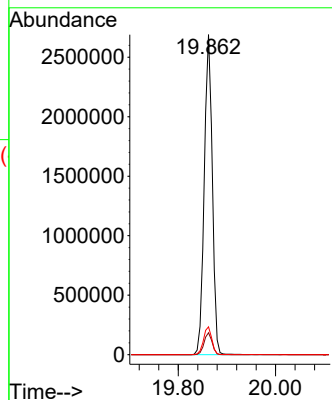
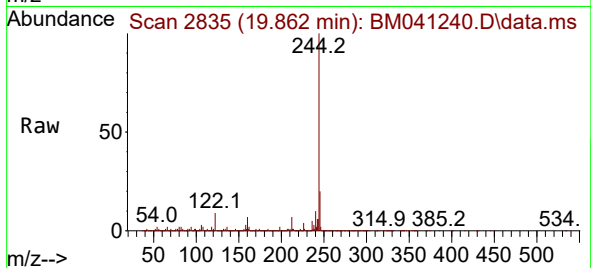
Tgt Ion:244 Resp: 3078804

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 8.7 7.8 11.6



#80

Butylbenzylphthalate

Concen: 73.412 ng

RT: 20.562 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

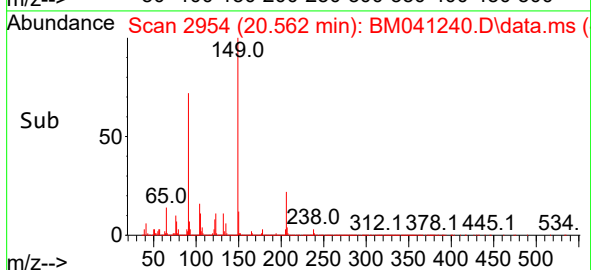
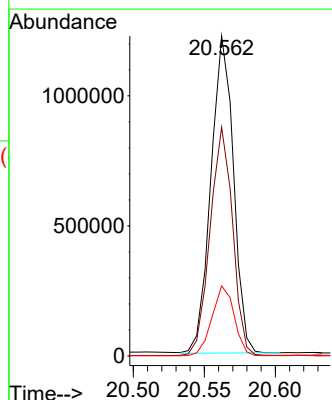
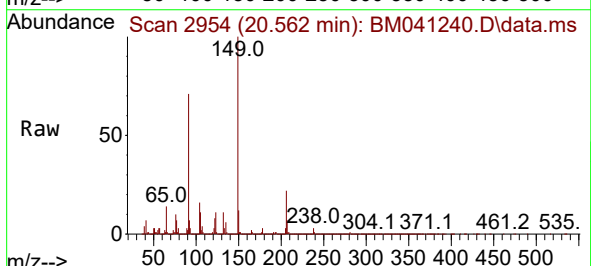
Tgt Ion:149 Resp: 1345690

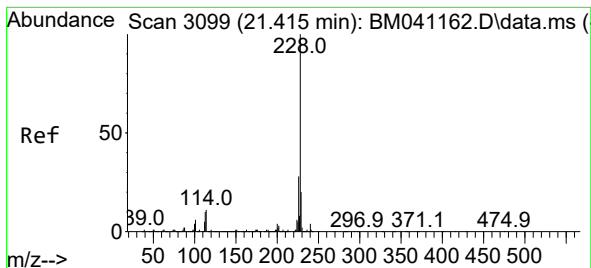
Ion Ratio Lower Upper

149 100

91 71.5 60.8 91.2

206 21.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.019 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

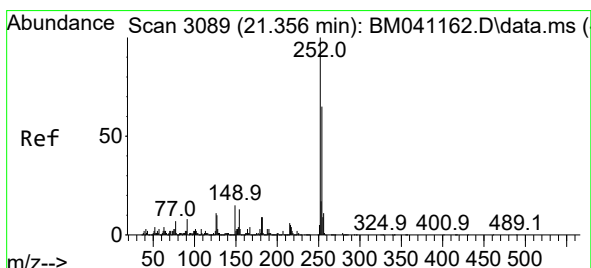
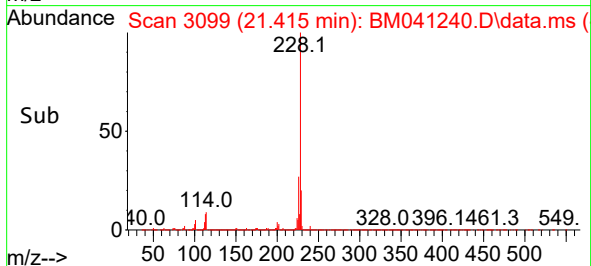
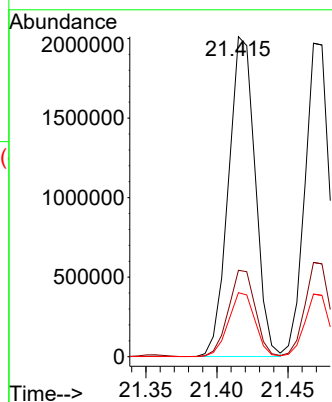
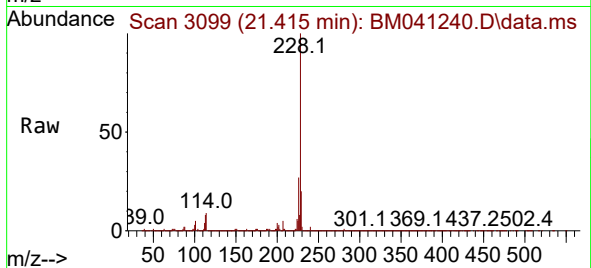
Tgt Ion:228 Resp: 2628584

Ion Ratio Lower Upper

228 100

226 27.0 22.4 33.6

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 53.281 ng

RT: 21.356 min Scan# 3089

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

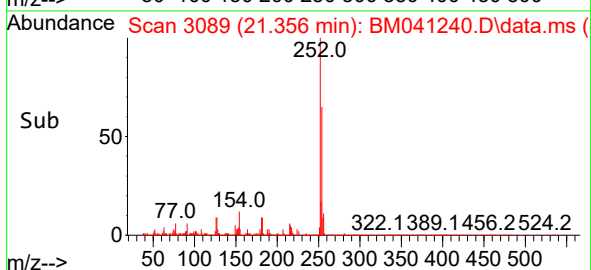
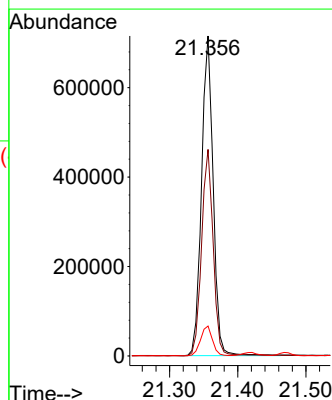
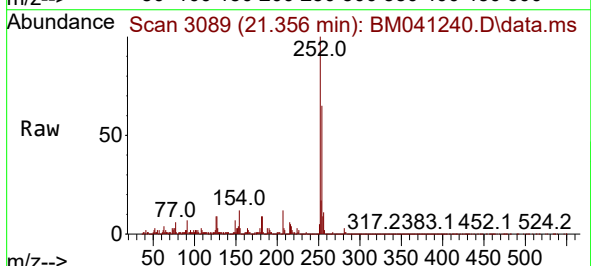
Tgt Ion:252 Resp: 846009

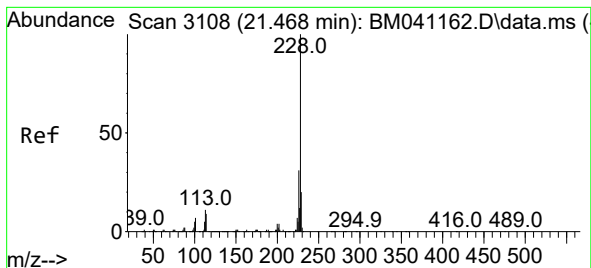
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 9.3 8.6 13.0





#83

Chrysene

Concen: 50.485 ng

RT: 21.468 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

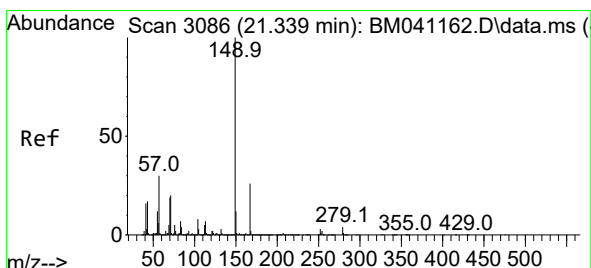
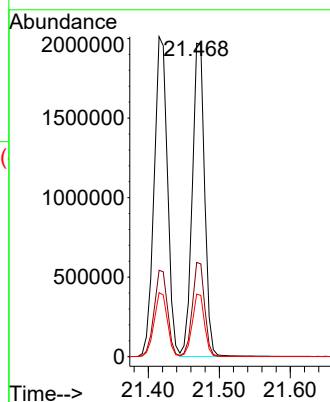
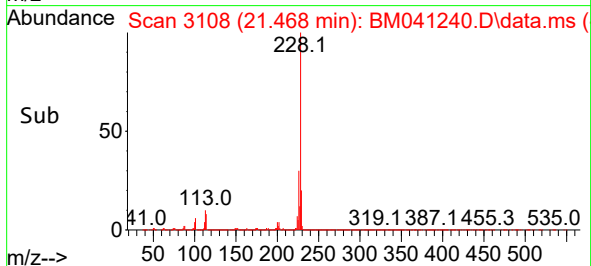
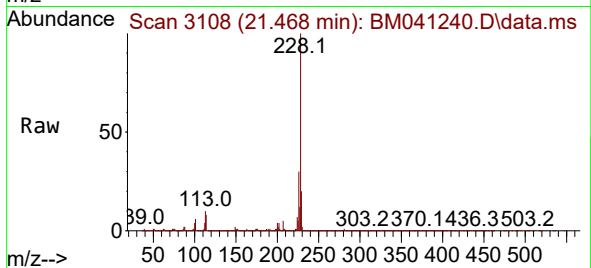
Tgt Ion:228 Resp: 2376152

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.689 ng

RT: 21.339 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

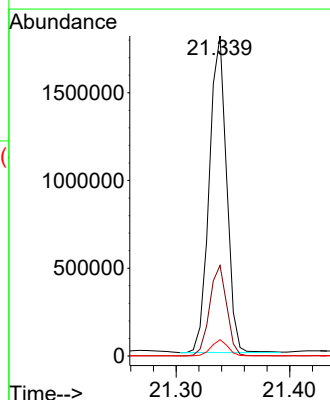
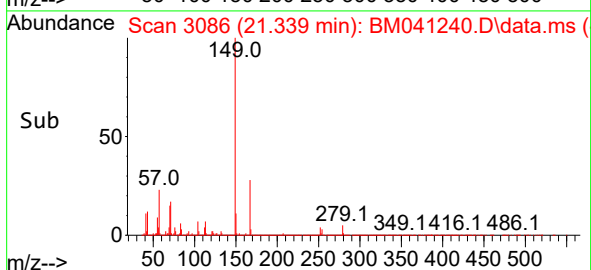
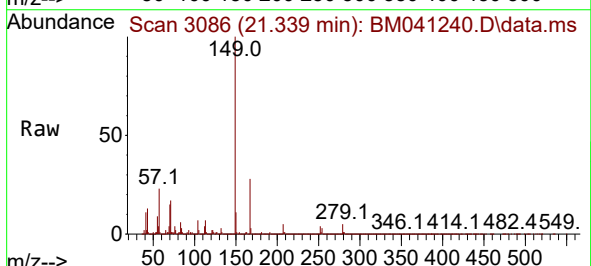
Tgt Ion:149 Resp: 1910233

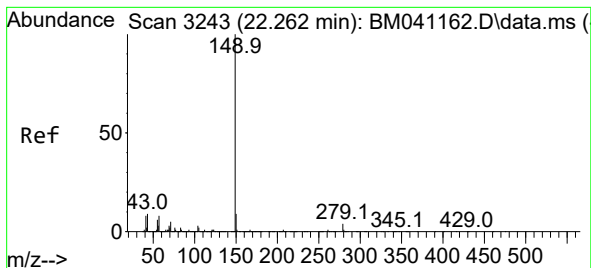
Ion Ratio Lower Upper

149 100

167 28.3 21.0 31.6

279 5.1 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 63.654 ng

RT: 22.256 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

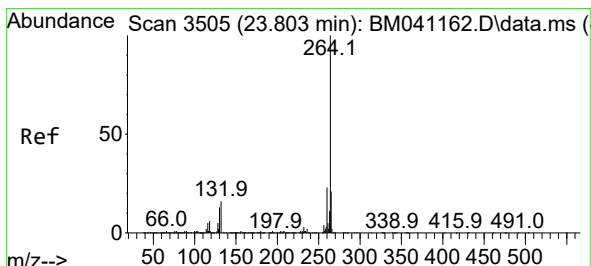
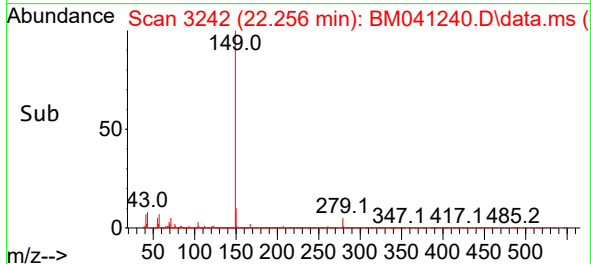
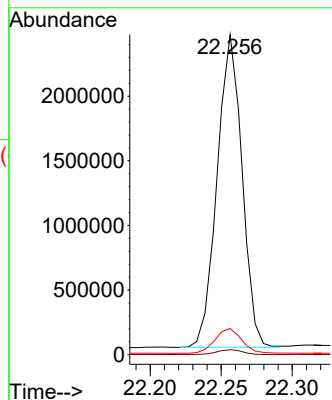
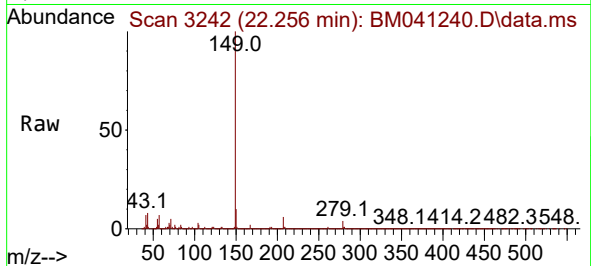
Tgt Ion:149 Resp: 2948946

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.803 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

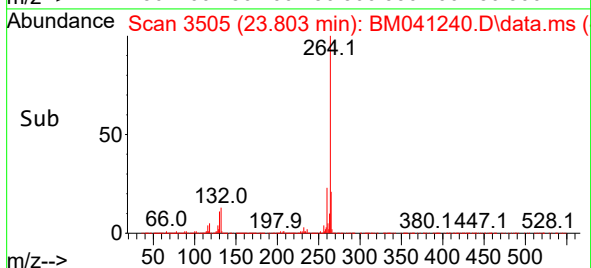
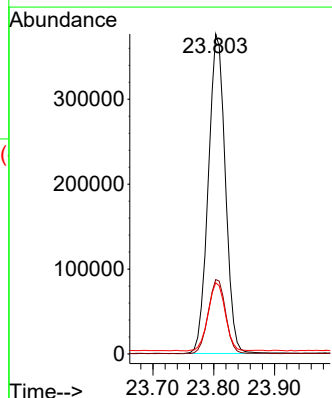
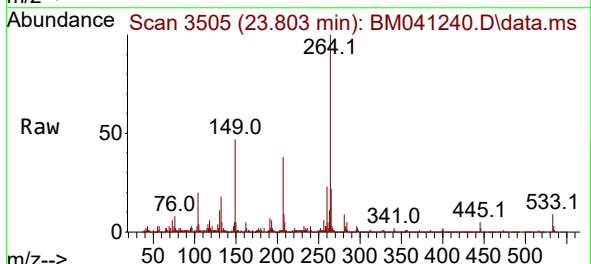
Tgt Ion:264 Resp: 730239

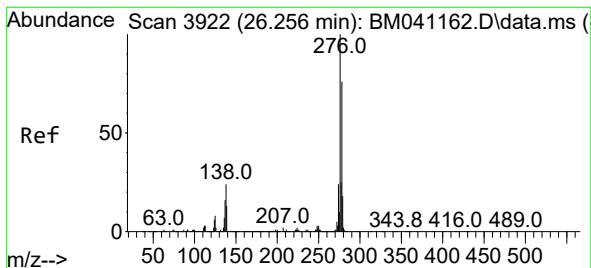
Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.893 ng

RT: 26.268 min Scan# 3924

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

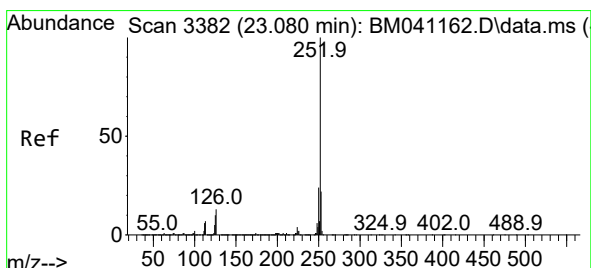
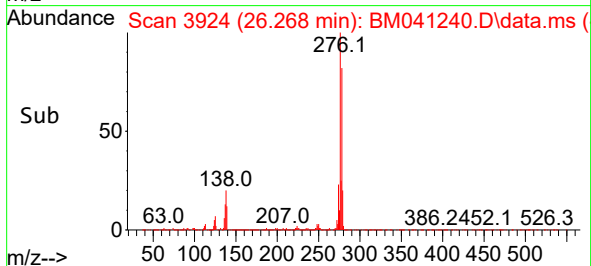
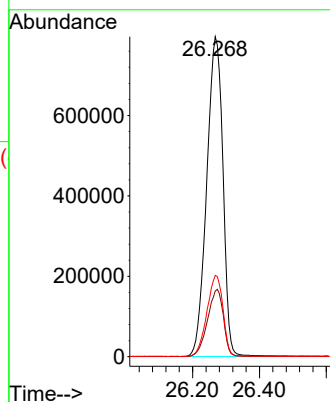
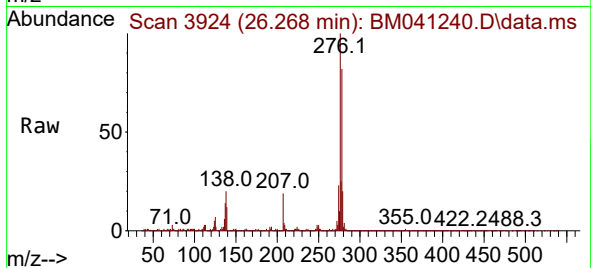
Tgt Ion:276 Resp: 2678664

Ion Ratio Lower Upper

276 100

138 20.5 20.0 30.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 52.942 ng

RT: 23.086 min Scan# 3383

Delta R.T. -0.000 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

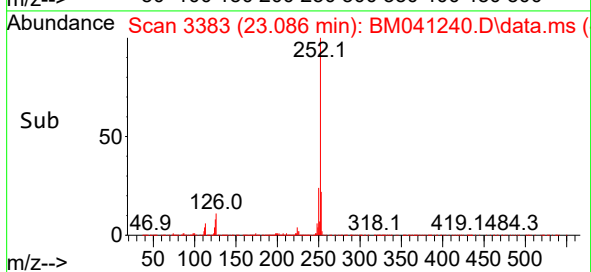
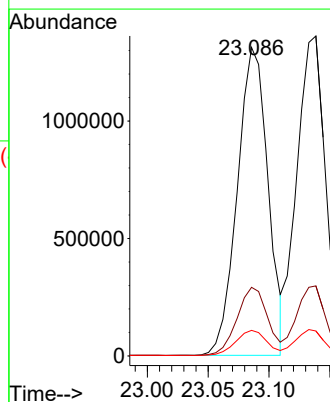
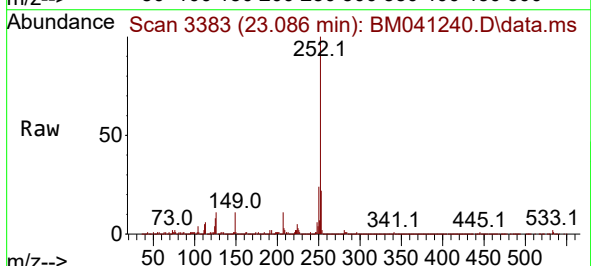
Tgt Ion:252 Resp: 2296647

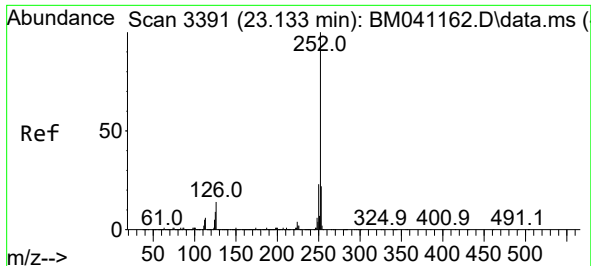
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.3 8.2 12.4

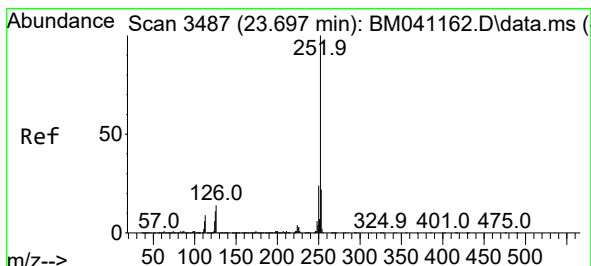
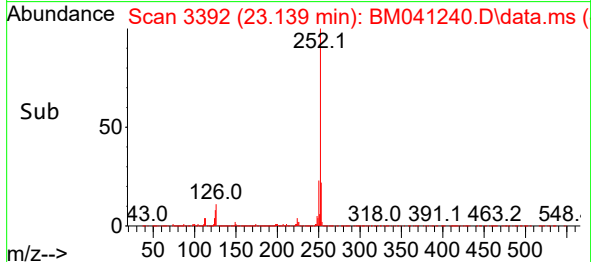
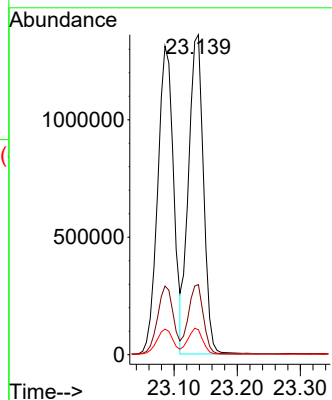
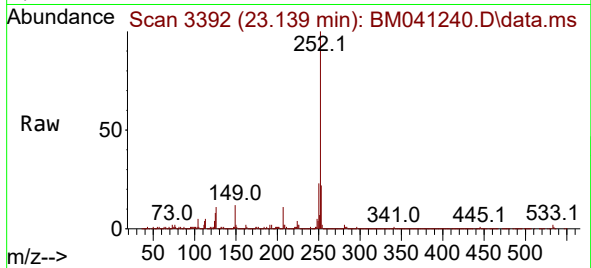




#89
Benzo(k)fluoranthene
Concen: 50.352 ng
RT: 23.139 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

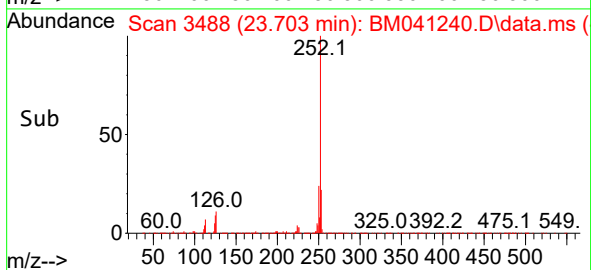
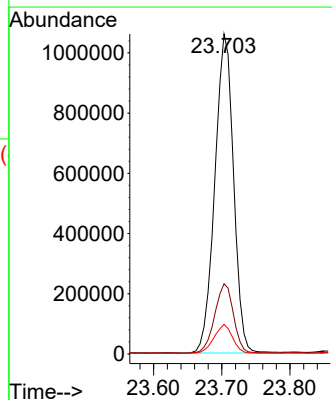
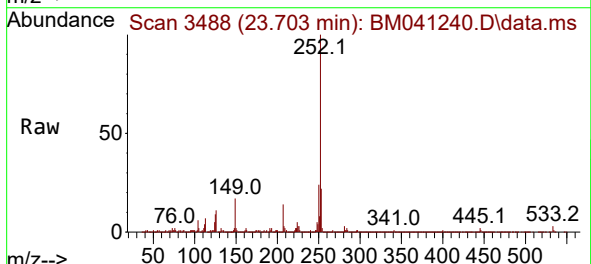
Instrument :
BNA_M
ClientSampleId :
B-P3BMS

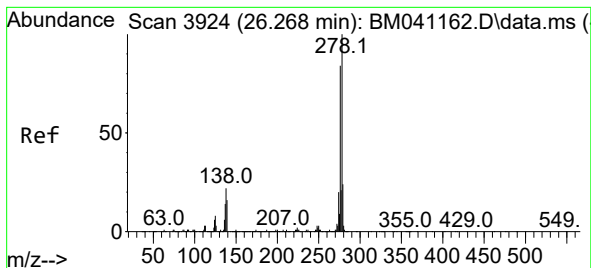
Tgt Ion:252 Resp: 2234349
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 48.596 ng
RT: 23.703 min Scan# 3488
Delta R.T. 0.006 min
Lab File: BM041240.D
Acq: 02 Aug 2023 12:11

Tgt Ion:252 Resp: 2025597
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 49.952 ng

RT: 26.285 min Scan# 3924

Delta R.T. 0.012 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

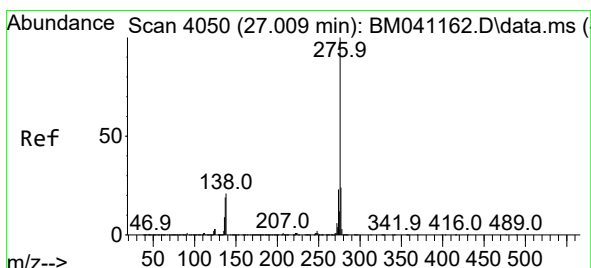
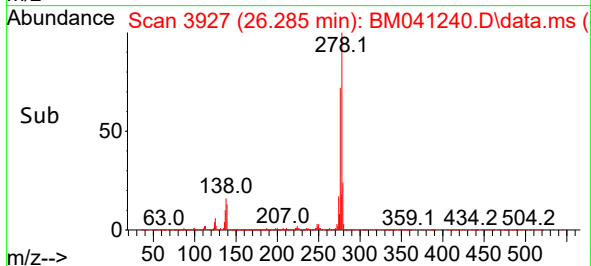
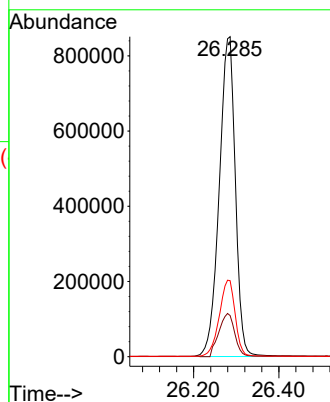
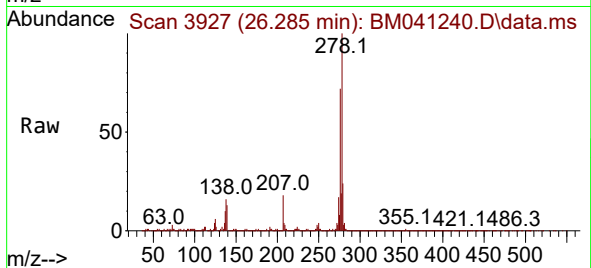
Tgt Ion:278 Resp: 2236897

Ion Ratio Lower Upper

278 100

139 12.9 12.7 19.1

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 47.155 ng

RT: 27.021 min Scan# 4052

Delta R.T. 0.006 min

Lab File: BM041240.D

Acq: 02 Aug 2023 12:11

Tgt Ion:276 Resp: 2066199

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 17.8 17.1 25.7

