

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041241.D
 Acq On : 02 Aug 2023 12:48
 Operator : MA/JU
 Sample : 03810-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P3BMSD

Quant Time: Aug 03 03:06:43 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	150302	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	664421	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	444157	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1002448	20.000	ng	0.00
76) Chrysene-d12	21.433	240	772977	20.000	ng	0.00
86) Perylene-d12	23.803	264	774558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	674890	67.110	ng	0.00
7) Phenol-d6	6.987	99	937299	71.903	ng	0.00
23) Nitrobenzene-d5	8.975	82	588102	41.163	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	499743	79.547	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1468086	41.755	ng	0.00
79) Terphenyl-d14	19.862	244	2597065	60.747	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	138462	32.185	ng	96
3) Pyridine	3.663	79	417902	36.945	ng	95
4) n-Nitrosodimethylamine	3.581	42	200632	38.350	ng	90
6) Aniline	7.134	93	483938	31.722	ng	98
8) 2-Chlorophenol	7.363	128	548339	55.853	ng	99
9) Benzaldehyde	6.946	77	295423	42.950	ng	98
10) Phenol	7.010	94	702340	55.785	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	509732	50.016	ng	95
12) 1,3-Dichlorobenzene	7.681	146	560909	52.487	ng	99
13) 1,4-Dichlorobenzene	7.834	146	577627	53.776	ng	99
14) 1,2-Dichlorobenzene	8.145	146	563118	54.677	ng	100
15) Benzyl Alcohol	8.057	79	518170	62.945	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	639303	47.081	ng	95
17) 2-Methylphenol	8.263	107	479609	55.759	ng	100
18) Hexachloroethane	8.869	117	207902	51.990	ng	90
19) n-Nitroso-di-n-propyla...	8.622	70	433957	54.808	ng	97
20) 3+4-Methylphenols	8.592	107	654317	56.893	ng	98
22) Acetophenone	8.640	105	832937	47.335	ng	# 98
24) Nitrobenzene	9.022	77	656608	45.445	ng	99
25) Isophorone	9.545	82	1233796	50.872	ng	98
26) 2-Nitrophenol	9.728	139	235300	41.659	ng	94
27) 2,4-Dimethylphenol	9.792	122	495991	49.904	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	731030	48.120	ng	100
29) 2,4-Dichlorophenol	10.263	162	591111	58.976	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	599758	54.160	ng	96
31) Naphthalene	10.657	128	1727882	47.923	ng	99
32) Benzoic acid	9.992	122	423449	55.426	ng	99
33) 4-Chloroaniline	10.786	127	279826	19.420	ng	99
34) Hexachlorobutadiene	10.922	225	371670	55.805	ng	97
35) Caprolactam	11.622	113	143108	49.357	ng	# 87
36) 4-Chloro-3-methylphenol	11.928	107	628610	59.587	ng	98
37) 2-Methylnaphthalene	12.275	142	1246664	51.287	ng	99
38) 1-Methylnaphthalene	12.498	142	1206063	53.012	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	725350	50.294	ng	98
41) Hexachlorocyclopentadiene	12.610	237	318593	41.755	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	520614	56.320	ng	99

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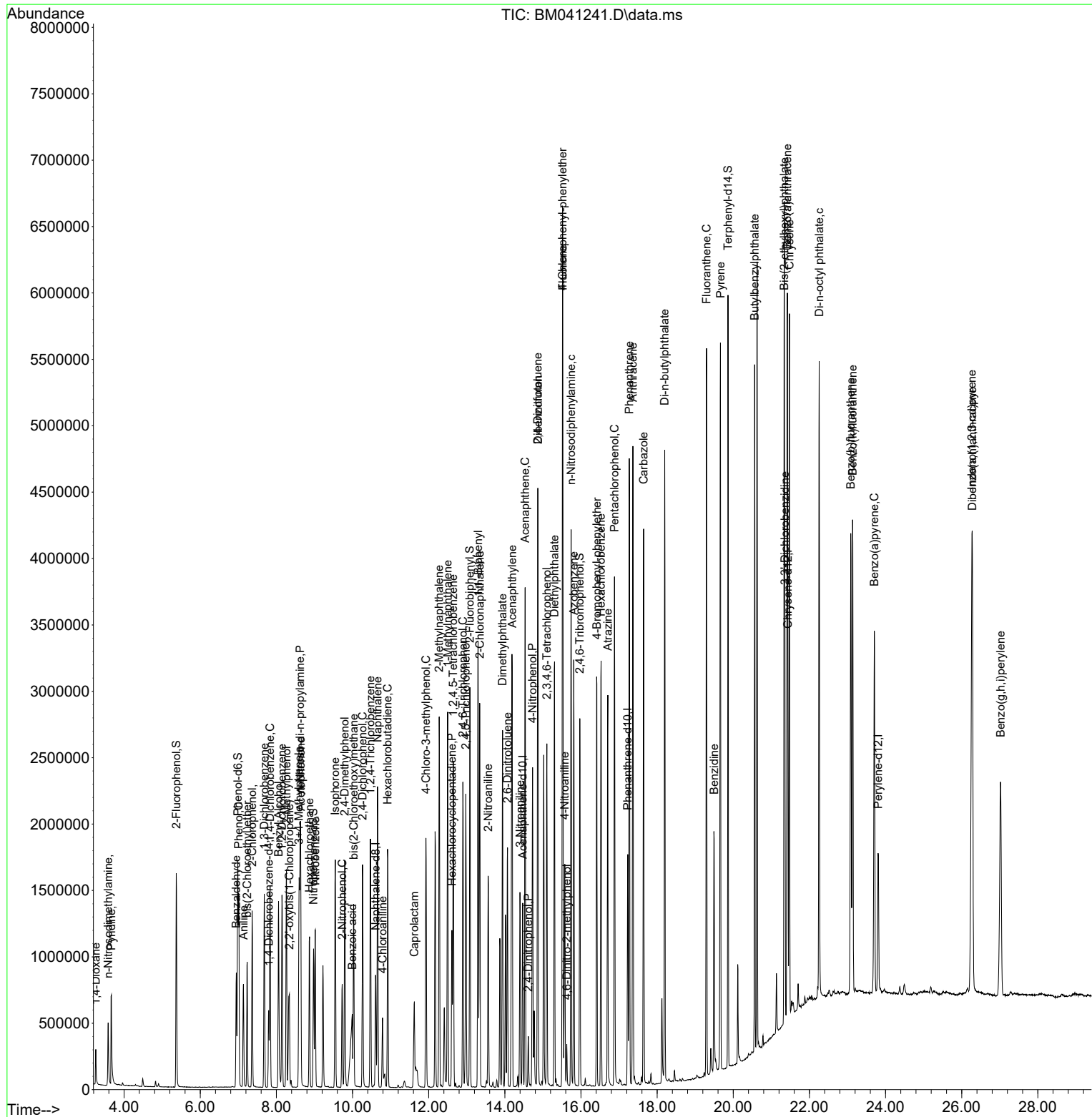
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	568617	53.146	ng	96
46) 1,1'-Biphenyl	13.298	154	1700237	47.219	ng	99
47) 2-Chloronaphthalene	13.339	162	1336802	49.722	ng	99
48) 2-Nitroaniline	13.563	65	444395	51.783	ng	96
49) Acenaphthylene	14.192	152	2189875	50.463	ng	99
50) Dimethylphthalate	13.939	163	1698781	50.846	ng	99
51) 2,6-Dinitrotoluene	14.069	165	359830	51.979	ng	93
52) Acenaphthene	14.533	154	1266673	48.453	ng	100
53) 3-Nitroaniline	14.398	138	353889	44.382	ng	97
54) 2,4-Dinitrophenol	14.616	184	81941	22.084	ng	89
55) Dibenzofuran	14.869	168	2111201	49.497	ng	99
56) 4-Nitrophenol	14.727	139	601558	104.266	ng	95
57) 2,4-Dinitrotoluene	14.863	165	501191	50.547	ng	95
58) Fluorene	15.521	166	1714686	50.959	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	496660	57.326	ng	95
60) Diethylphthalate	15.304	149	1728541	53.500	ng	98
61) 4-Chlorophenyl-phenyle...	15.516	204	907583	53.826	ng	95
62) 4-Nitroaniline	15.574	138	401336	53.807	ng	98
63) Azobenzene	15.810	77	1740248	49.172	ng	97
65) 4,6-Dinitro-2-methylph...	15.627	198	62502	10.292	ng	89
66) n-Nitrosodiphenylamine	15.739	169	1479096	47.442	ng	98
67) 4-Bromophenyl-phenylether	16.415	248	576097	52.415	ng	97
68) Hexachlorobenzene	16.527	284	684952	56.044	ng	95
69) Atrazine	16.704	200	528720	64.577	ng	99
70) Pentachlorophenol	16.880	266	681561	80.535	ng	99
71) Phenanthrene	17.268	178	2717081	48.784	ng	99
72) Anthracene	17.362	178	2788646	50.624	ng	100
73) Carbazole	17.645	167	2507619	50.296	ng	100
74) Di-n-butylphthalate	18.198	149	3284546	58.299	ng	99
75) Fluoranthene	19.298	202	3191857	51.009	ng	99
77) Benzidine	19.498	184	1107752	105.144	ng	99
78) Pyrene	19.662	202	3214970	59.476	ng	100
80) Butylbenzylphthalate	20.562	149	1394585	70.648	ng	96
81) Benzo(a)anthracene	21.421	228	2821183	53.838	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	845525	49.448	ng	99
83) Chrysene	21.474	228	2531498	49.946	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	2018585	63.525	ng	# 95
85) Di-n-octyl phthalate	22.256	149	3217411	64.491	ng	95
87) Indeno(1,2,3-cd)pyrene	26.268	276	2767863	48.605	ng	96
88) Benzo(b)fluoranthene	23.086	252	2493109	54.182	ng	98
89) Benzo(k)fluoranthene	23.133	252	2415707	51.324	ng	99
90) Benzo(a)pyrene	23.703	252	2149463	48.617	ng	98
91) Dibenzo(a,h)anthracene	26.280	278	2341409	49.295	ng	97
92) Benzo(g,h,i)perylene	27.021	276	2153107	46.327	ng	96

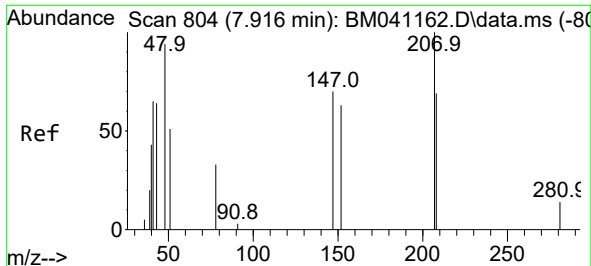
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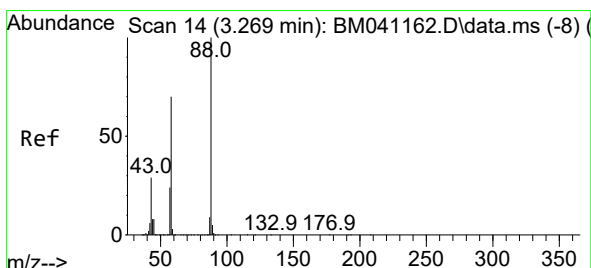
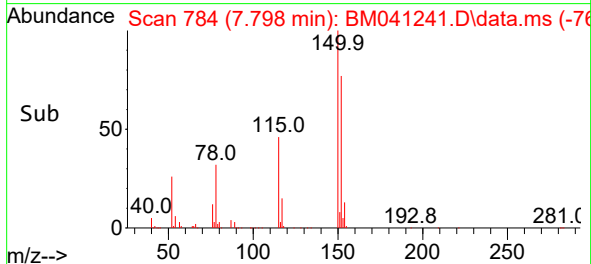
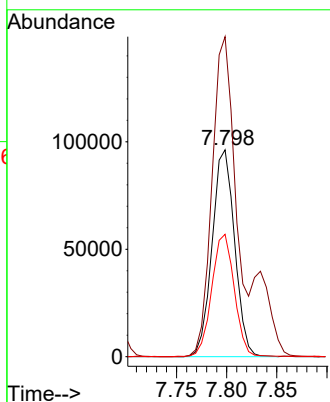
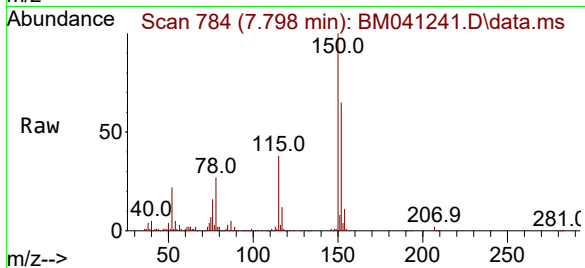




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

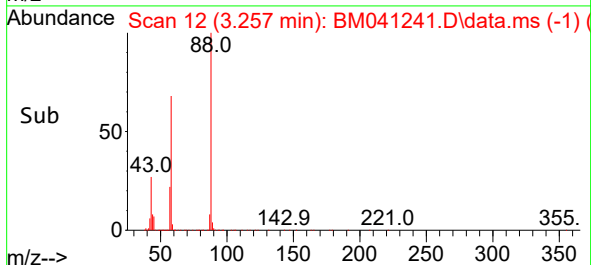
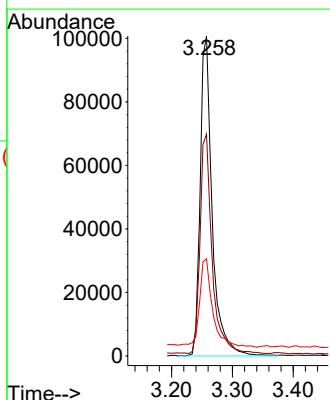
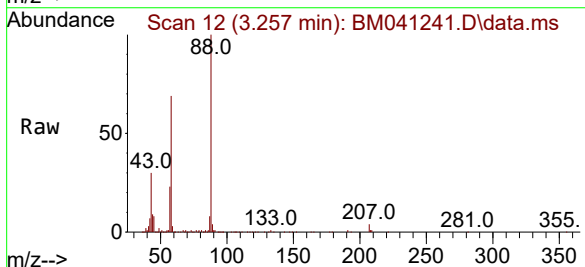
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BNA_M
ClientSampleId :
B-P3BMSD

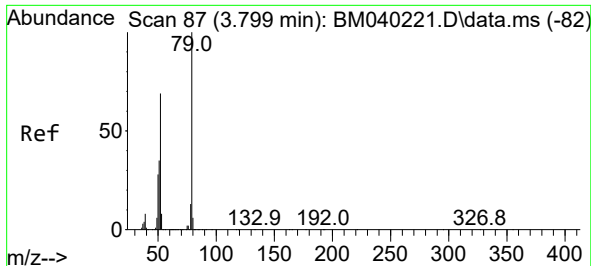
Tgt Ion:152 Resp: 150302
Ion Ratio Lower Upper
152 100
150 154.7 125.5 188.3
115 59.2 48.0 72.0



#2
1,4-Dioxane
Concen: 32.185 ng
RT: 3.257 min Scan# 12
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion: 88 Resp: 138462
Ion Ratio Lower Upper
88 100
58 68.6 58.2 87.4
43 30.4 24.4 36.6





#3

Pyridine

Concen: 36.945 ng

RT: 3.663 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

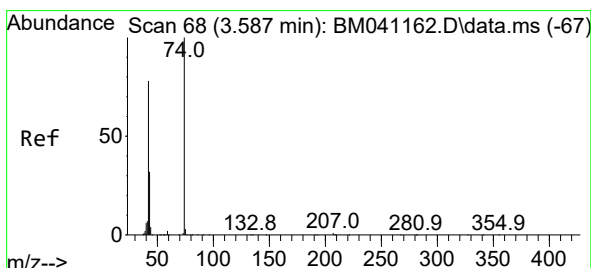
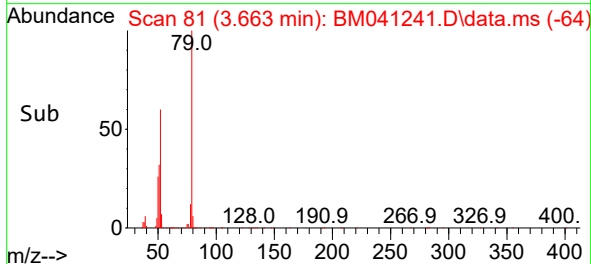
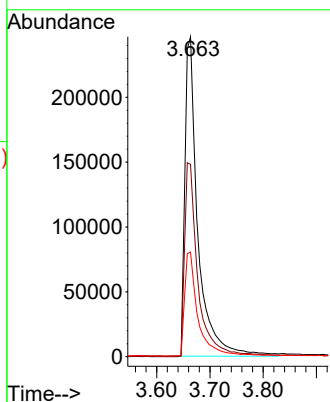
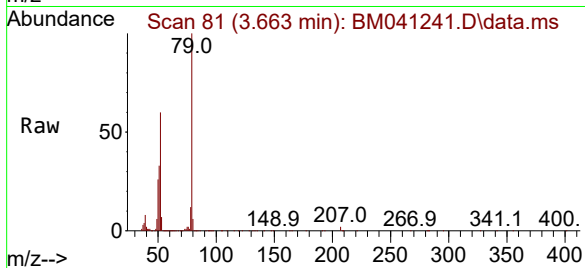
Tgt Ion: 79 Resp: 417902

Ion Ratio Lower Upper

79 100

52 60.1 52.1 78.1

51 32.7 27.5 41.3



#4

n-Nitrosodimethylamine

Concen: 38.350 ng

RT: 3.581 min Scan# 67

Delta R.T. -0.000 min

Lab File: BM041241.D

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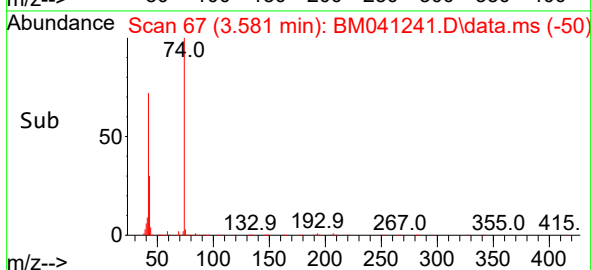
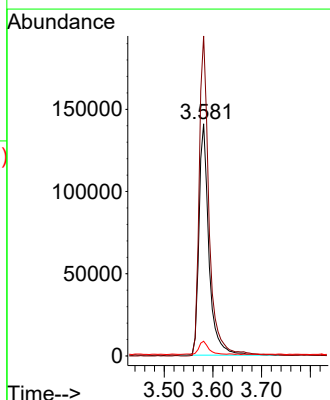
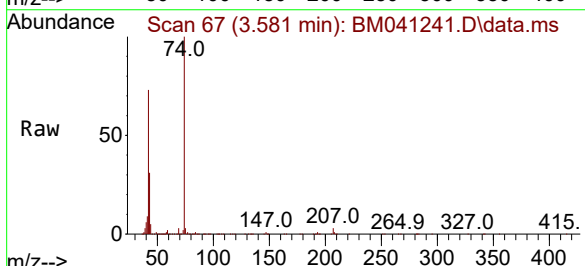
Tgt Ion: 42 Resp: 200632

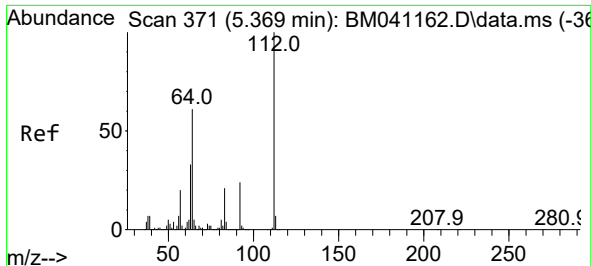
Ion Ratio Lower Upper

42 100

74 137.8 100.8 151.2

44 6.3 5.0 7.4

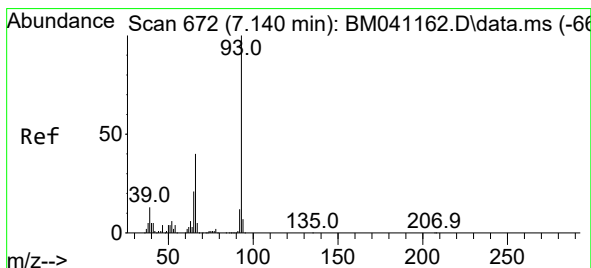
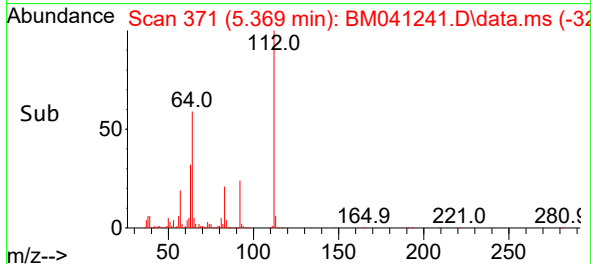
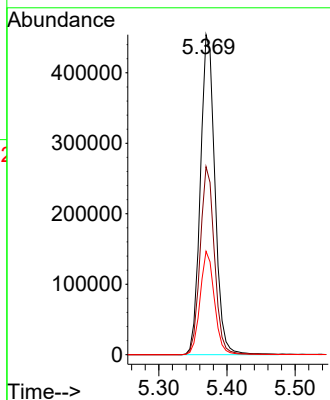
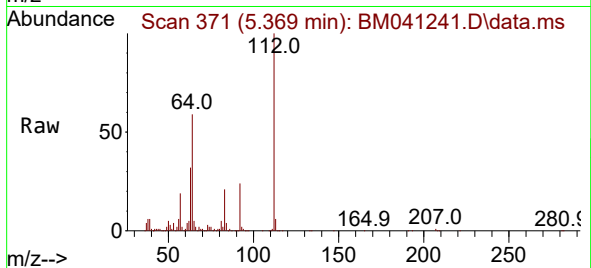




#5
2-Fluorophenol
Concen: 67.110 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041241.D
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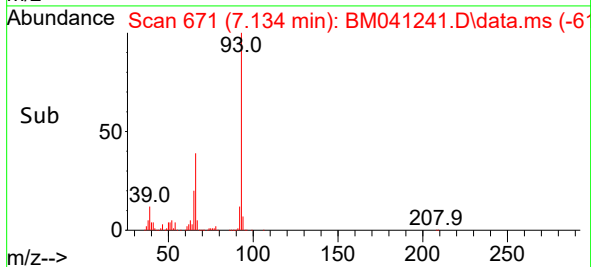
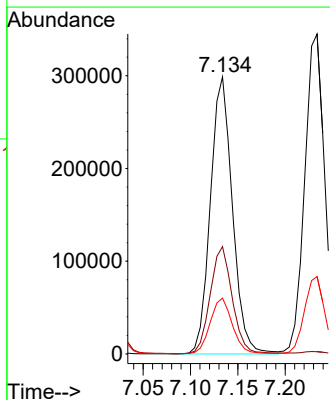
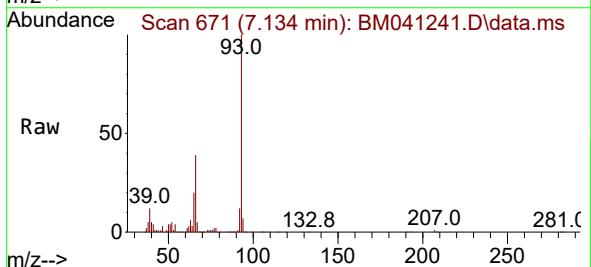
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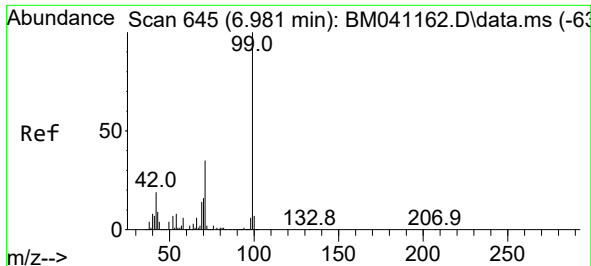
Tgt Ion:112 Resp: 674890
Ion Ratio Lower Upper
112 100
64 58.7 48.5 72.7
63 32.3 26.5 39.7



#6
Aniline
Concen: 31.722 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion: 93 Resp: 483938
Ion Ratio Lower Upper
93 100
66 38.7 32.0 48.0
65 20.1 16.6 24.8

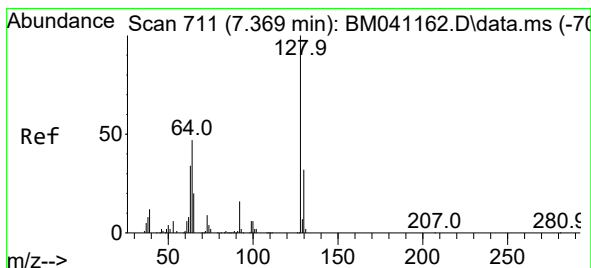
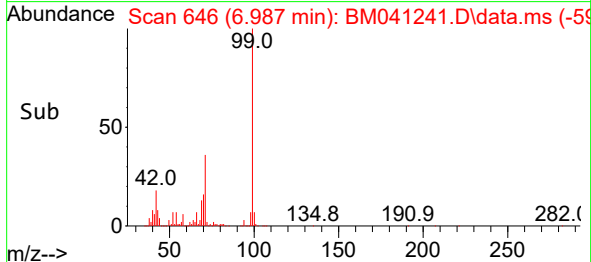
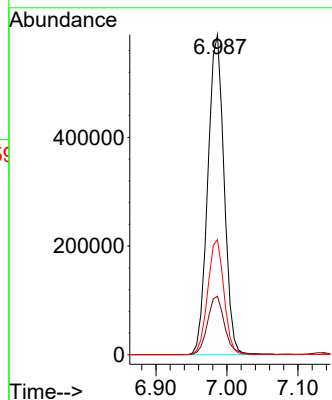
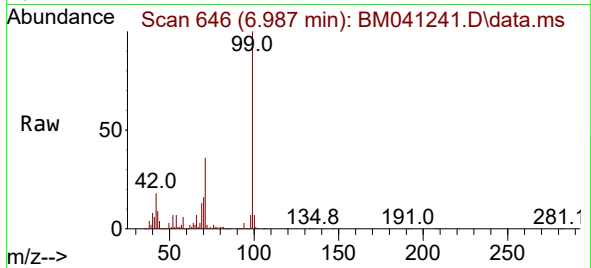




#7
Phenol-d6
Concen: 71.903 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

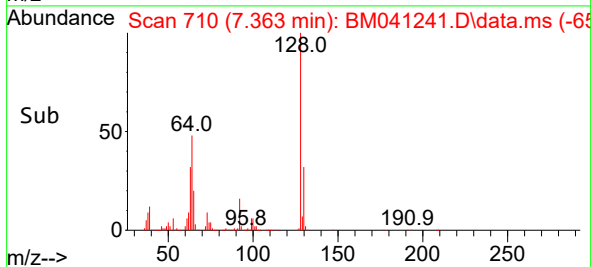
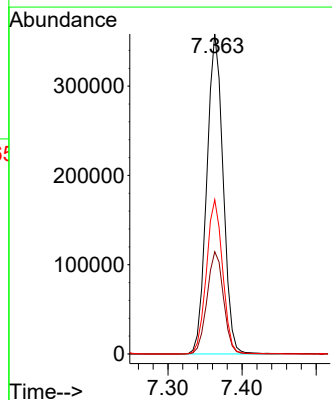
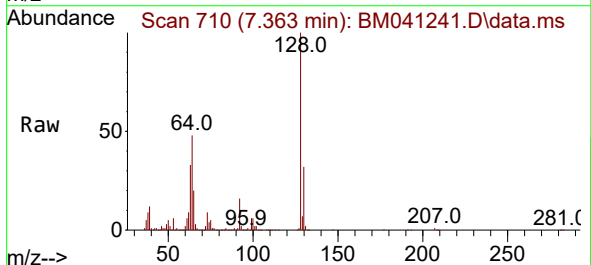
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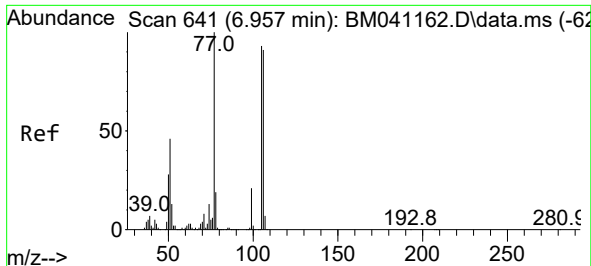
Tgt Ion: 99 Resp: 937299
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 35.9 28.2 42.4



#8
2-Chlorophenol
Concen: 55.853 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion: 128 Resp: 548339
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 48.2 29.3 69.3

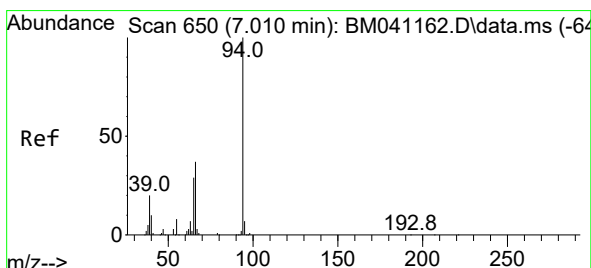
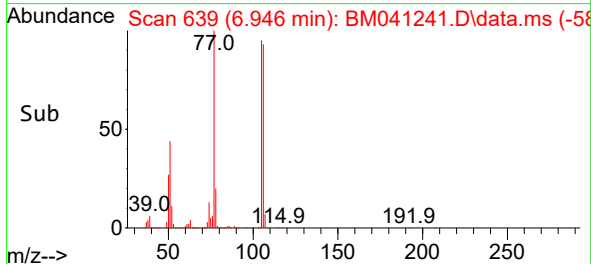
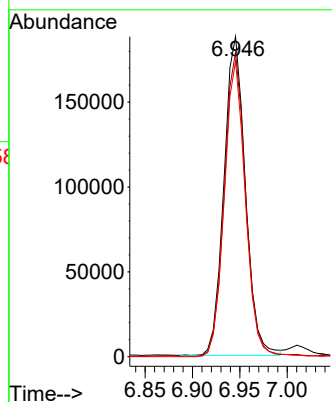
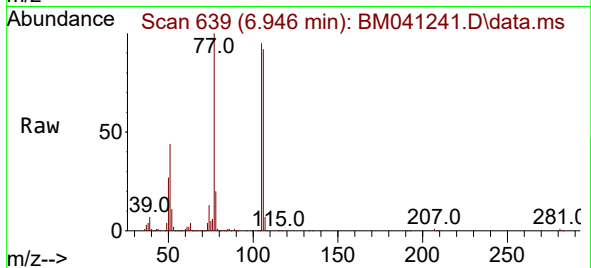




#9
Benzaldehyde
Concen: 42.950 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
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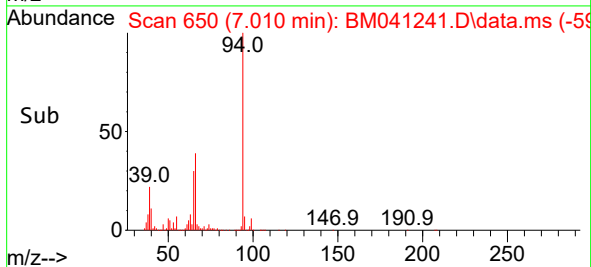
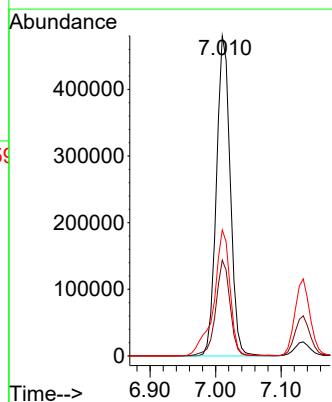
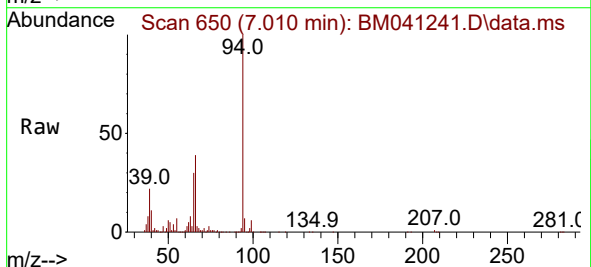
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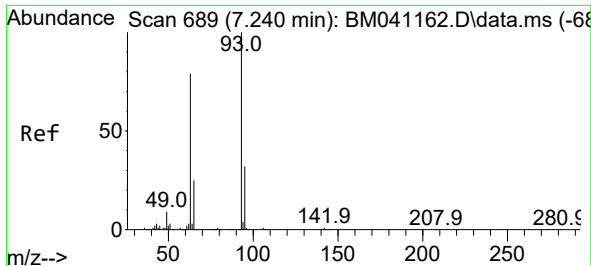
Tgt Ion: 77 Resp: 295423
Ion Ratio Lower Upper
77 100
105 95.0 72.8 112.8
106 92.4 70.8 110.8



#10
Phenol
Concen: 55.785 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion: 94 Resp: 702340
Ion Ratio Lower Upper
94 100
65 29.9 9.5 49.5
66 39.4 18.0 58.0

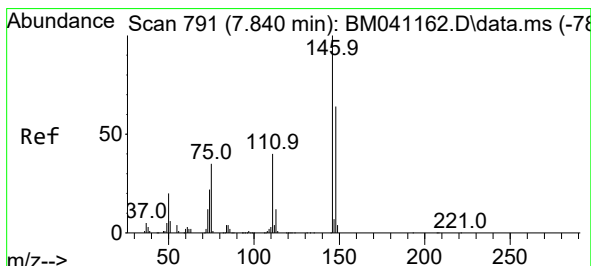
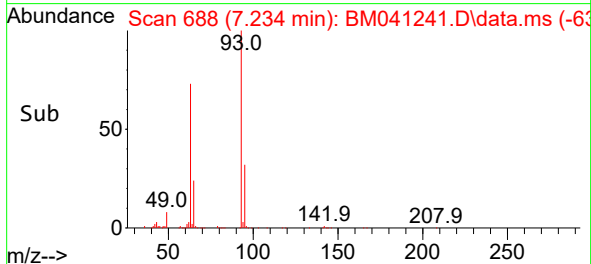
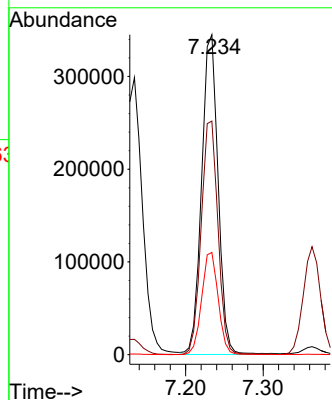
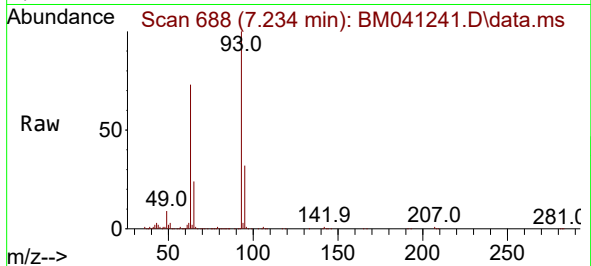




#11
bis(2-Chloroethyl)ether
Concen: 50.016 ng
RT: 7.234 min Scan# 689
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

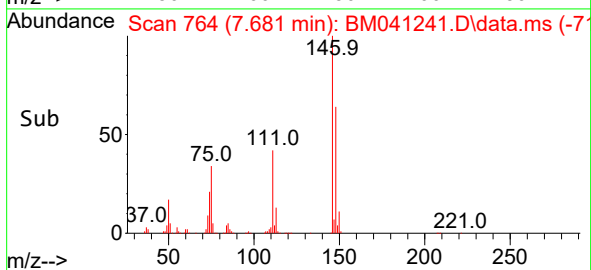
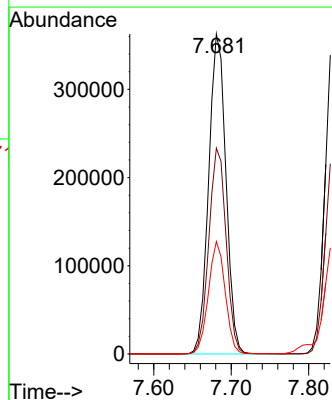
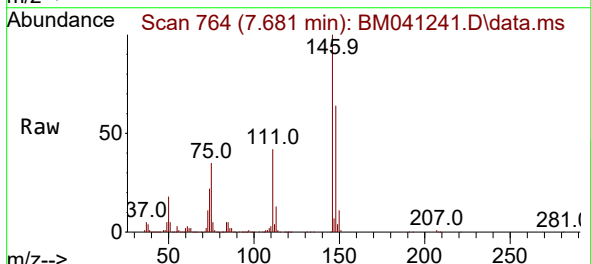
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

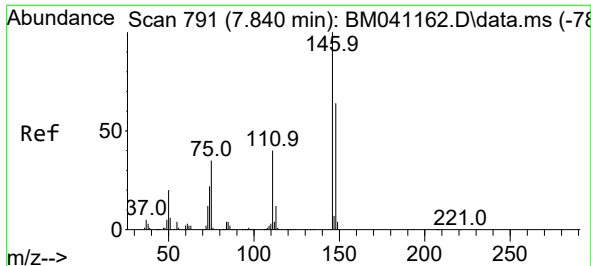
Tgt Ion: 93 Resp: 509732
Ion Ratio Lower Upper
93 100
63 73.0 58.8 98.8
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 52.487 ng
RT: 7.681 min Scan# 764
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion: 146 Resp: 560909
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 35.2 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 53.776 ng

RT: 7.834 min Scan# 791

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

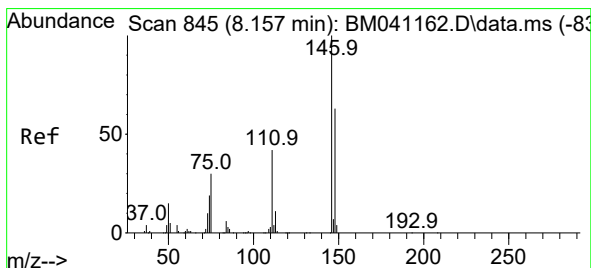
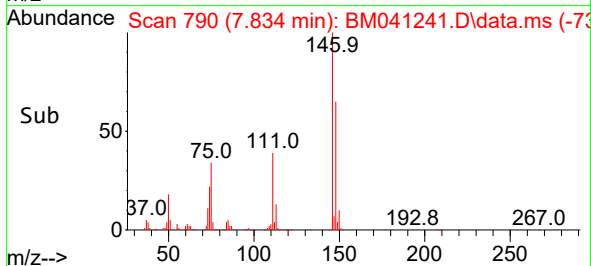
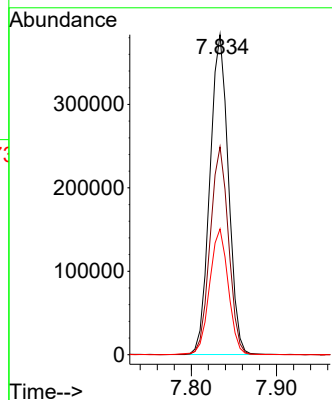
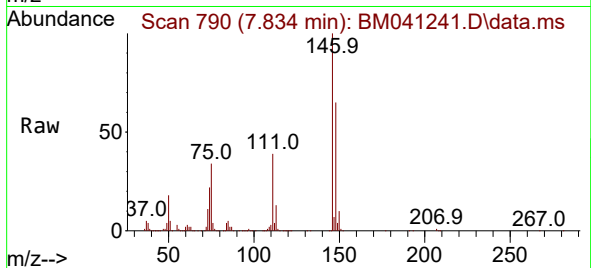
Tgt Ion:146 Resp: 577627

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

111 39.3 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 54.677 ng

RT: 8.145 min Scan# 843

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

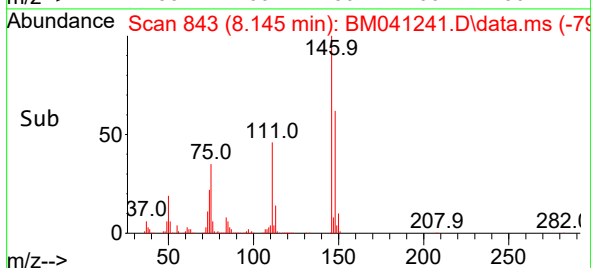
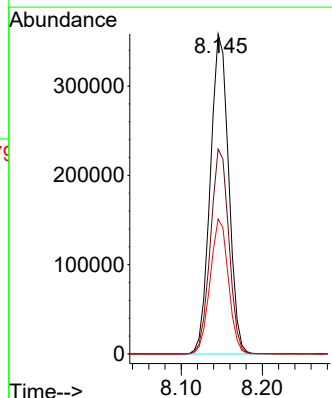
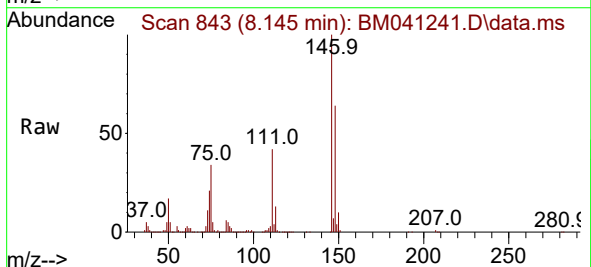
Tgt Ion:146 Resp: 563118

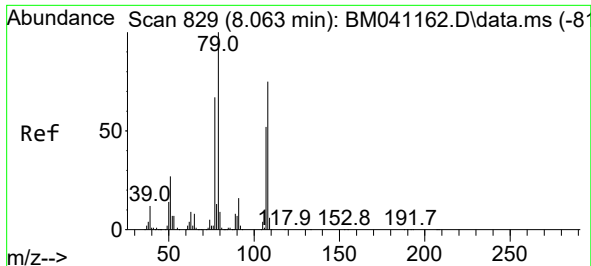
Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

111 42.2 33.8 50.6

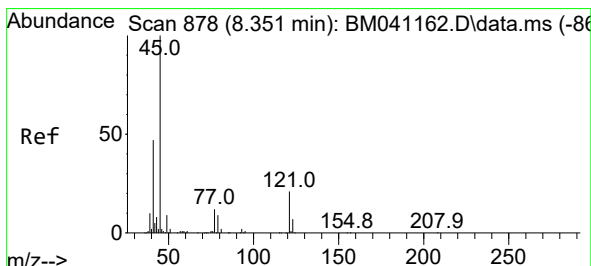
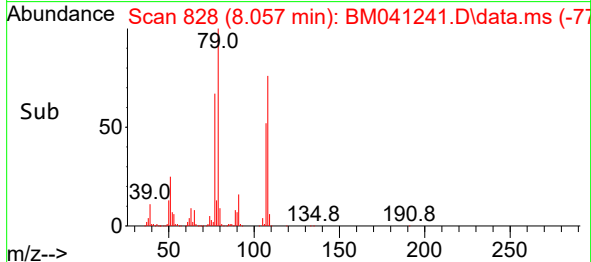
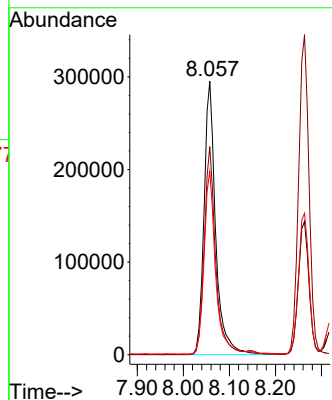
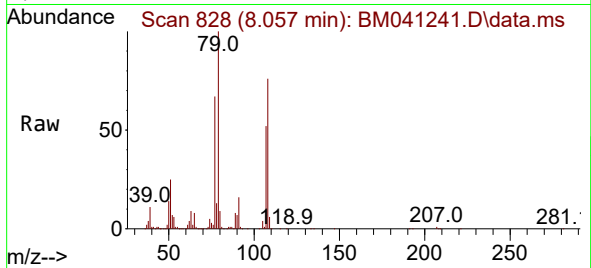




#15
Benzyl Alcohol
Concen: 62.945 ng
RT: 8.057 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

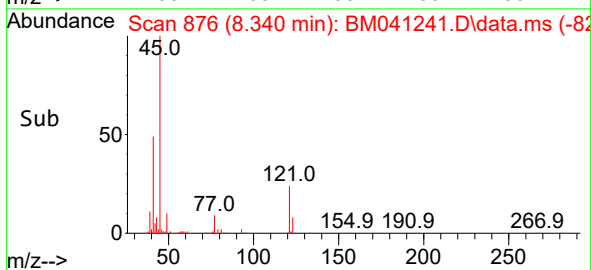
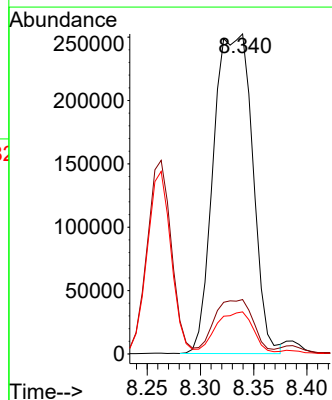
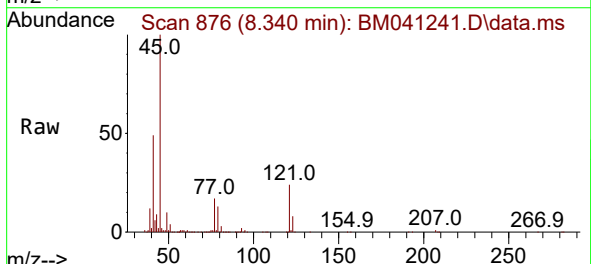
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

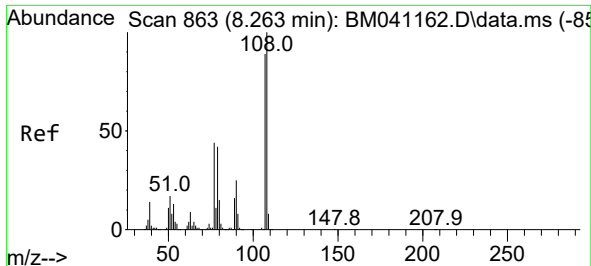
Tgt Ion: 79 Resp: 518170
Ion Ratio Lower Upper
79 100
108 76.0 59.8 89.8
77 67.0 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.081 ng
RT: 8.340 min Scan# 876
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion: 45 Resp: 639303
Ion Ratio Lower Upper
45 100
77 17.0 0.0 34.5
79 13.2 0.0 32.1

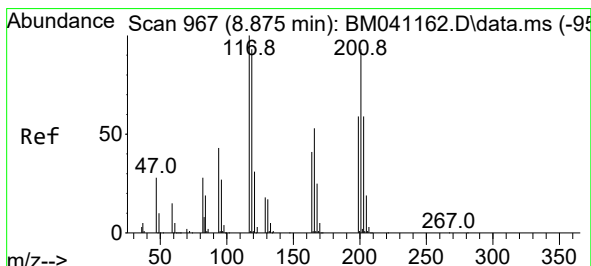
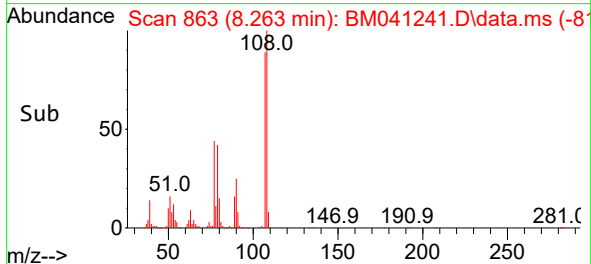
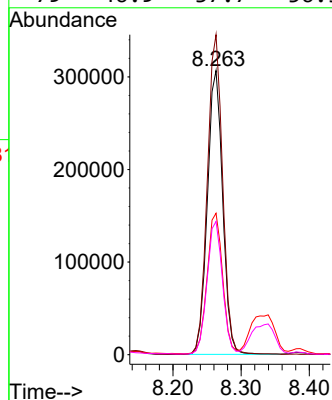
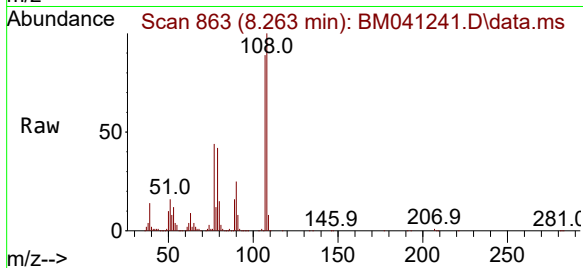




#17
2-Methylphenol
Concen: 55.759 ng
RT: 8.263 min Scan# 863
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

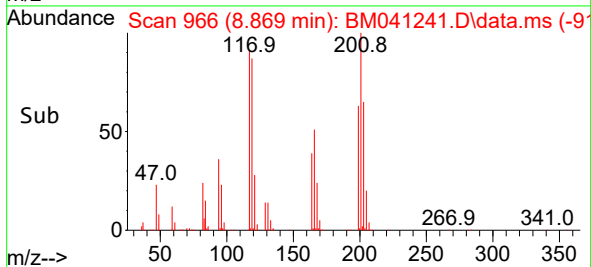
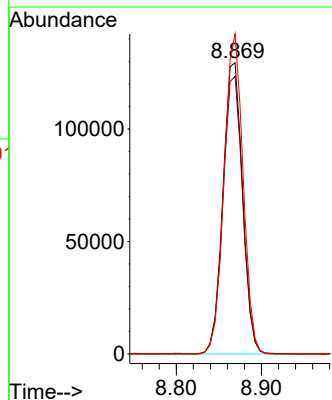
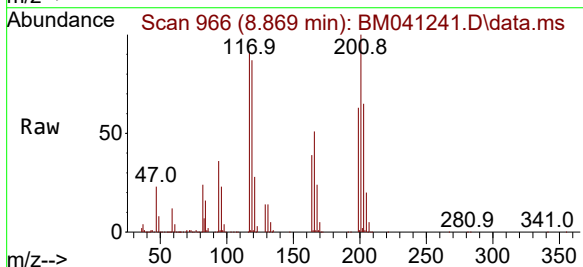
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

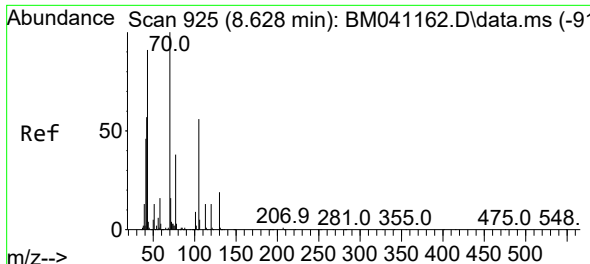
Tgt Ion:	107	Resp:	479609
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.9	134.9
77	49.8	39.8	59.8
79	46.9	37.7	56.5



#18
Hexachloroethane
Concen: 51.990 ng
RT: 8.869 min Scan# 966
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:	117	Resp:	207902
Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.2	111.4
201	109.9	74.5	111.7

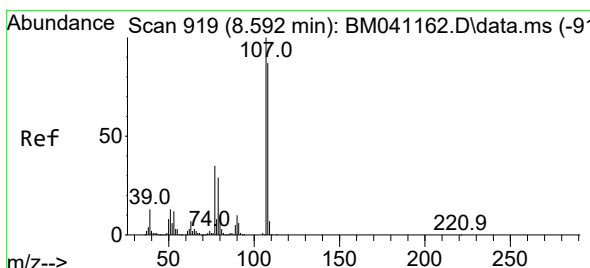
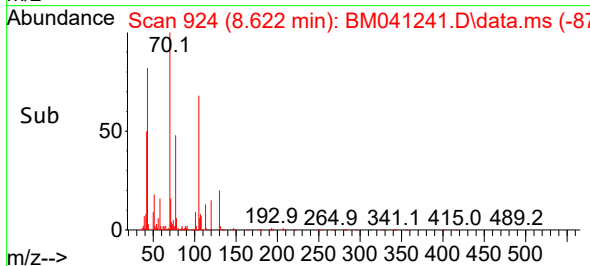
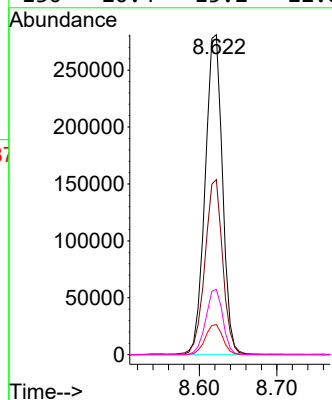
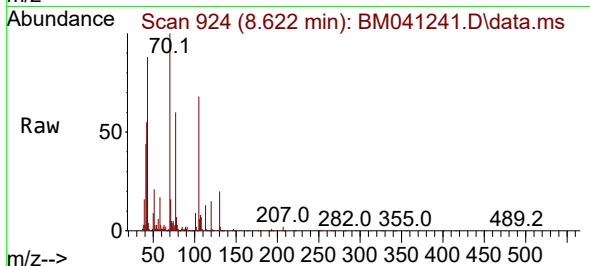




#19
n-Nitroso-di-n-propylamine
Concen: 54.808 ng
RT: 8.622 min Scan# 919
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

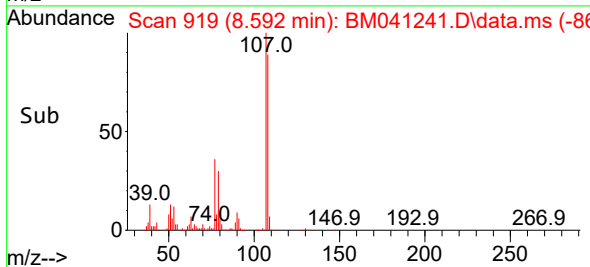
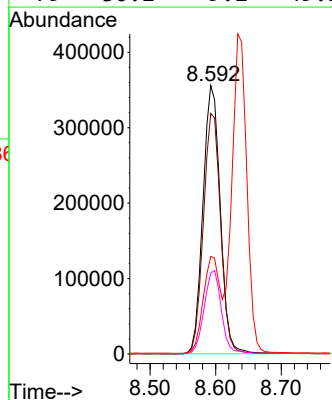
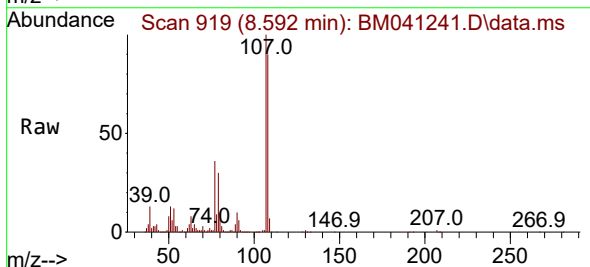
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

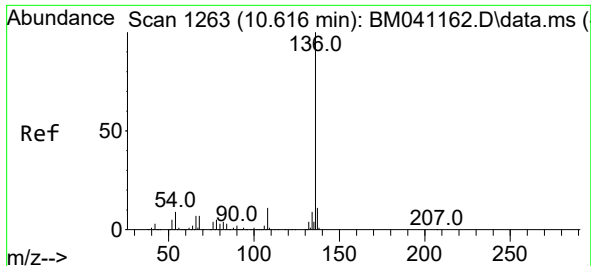
Tgt Ion:	70	Resp:	433957
Ion	Ratio	Lower	Upper
70	100		
42	54.7	45.8	68.8
101	9.4	7.4	11.0
130	20.4	15.2	22.8



#20
3+4-Methylphenols
Concen: 56.893 ng
RT: 8.592 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:	107	Resp:	654317
Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.2	107.2
77	36.3	15.4	55.4
79	30.2	9.2	49.2

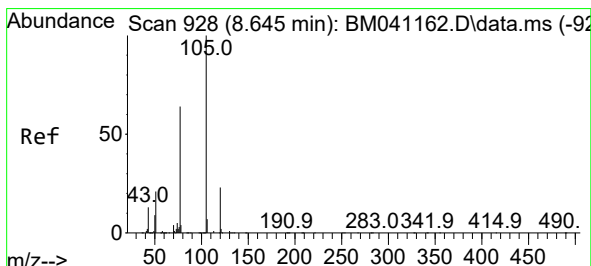
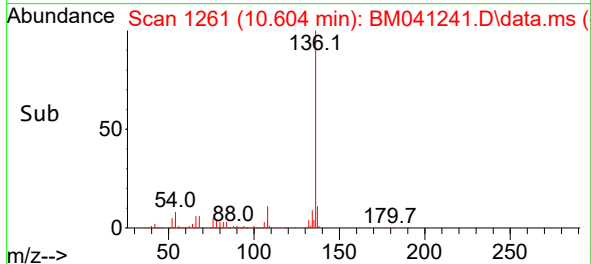
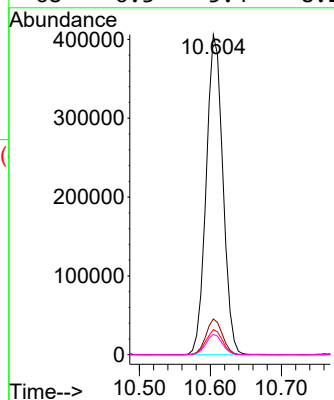
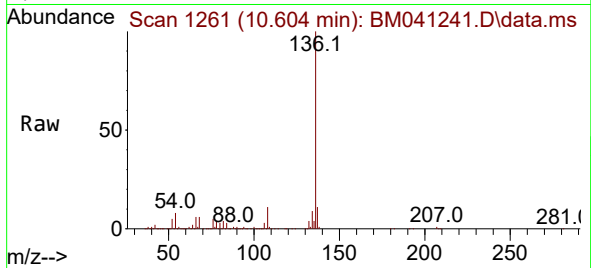




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

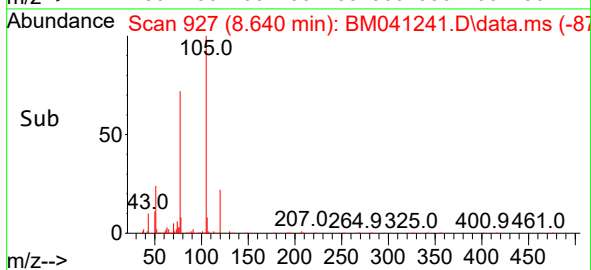
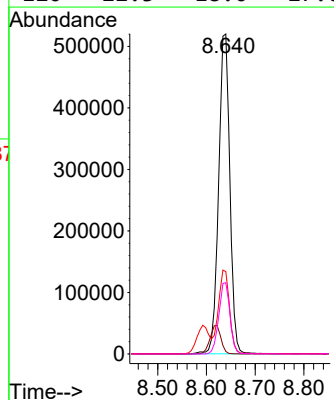
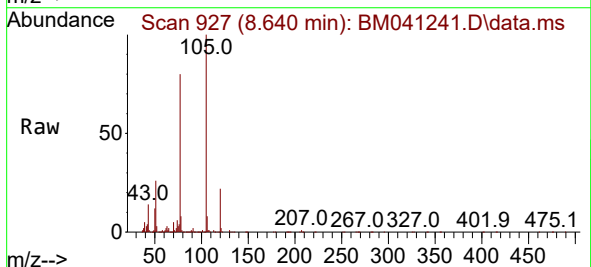
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

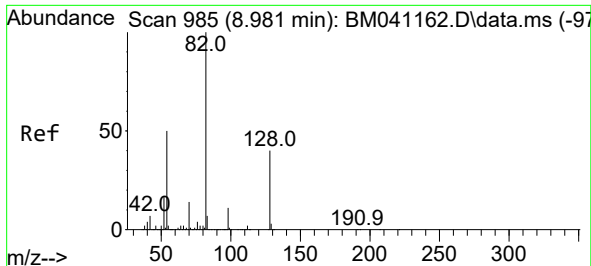
Tgt Ion:136 Resp: 664421
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 6.9 10.3
68 6.3 5.4 8.2



#22
Acetophenone
Concen: 47.335 ng
RT: 8.640 min Scan# 927
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:105 Resp: 832937
Ion Ratio Lower Upper
105 100
71 0.8 1.2 1.8#
51 25.8 22.0 33.0
120 22.3 18.0 27.0

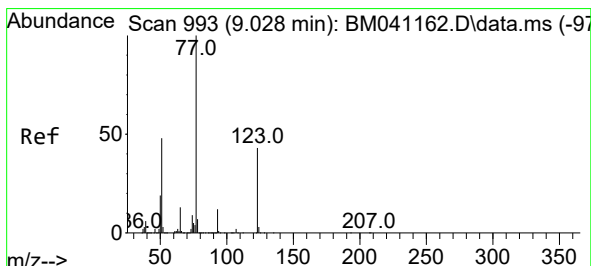
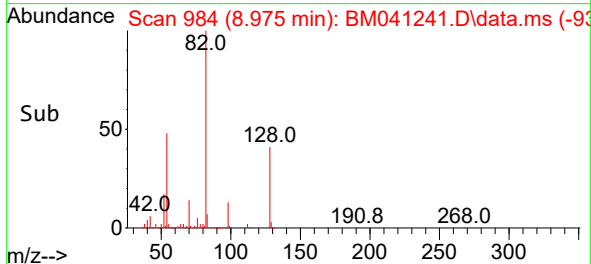
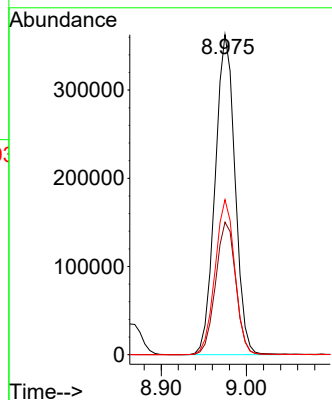
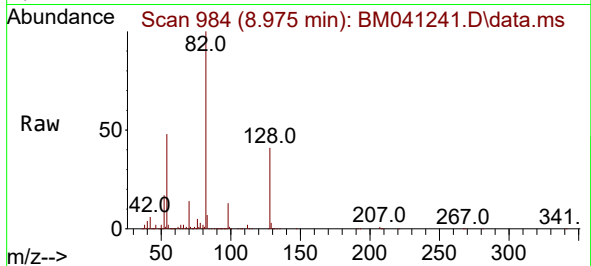




#23
Nitrobenzene-d5
Concen: 41.163 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

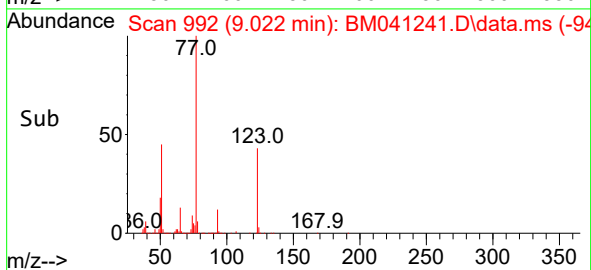
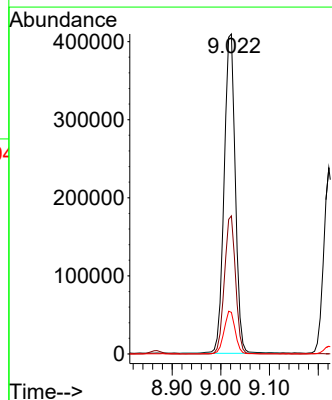
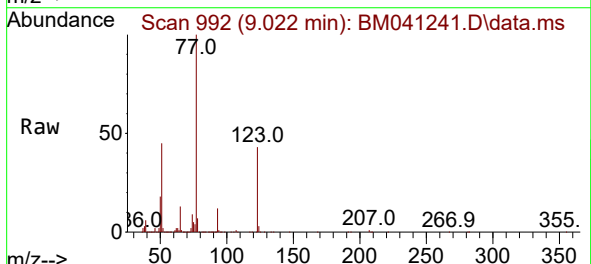
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

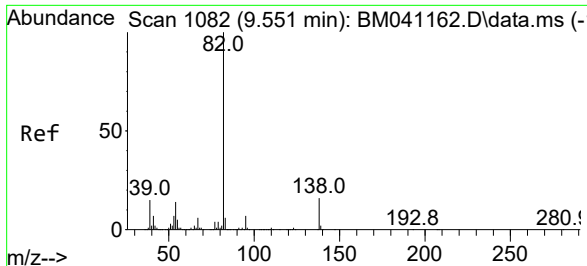
Tgt Ion: 82 Resp: 588102
Ion Ratio Lower Upper
82 100
128 41.4 31.8 47.6
54 48.5 40.1 60.1



#24
Nitrobenzene
Concen: 45.445 ng
RT: 9.022 min Scan# 992
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion: 77 Resp: 656608
Ion Ratio Lower Upper
77 100
123 43.2 34.2 51.2
65 13.0 10.7 16.1

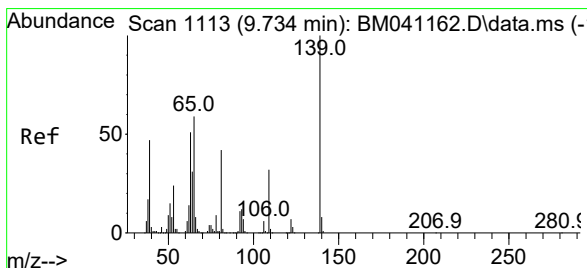
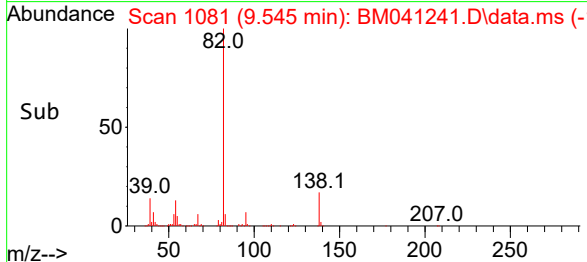
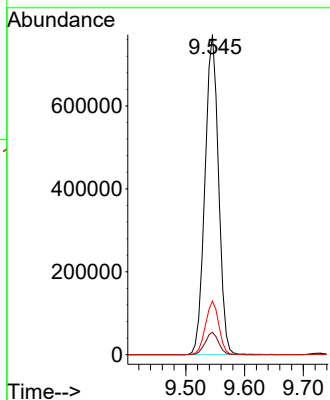
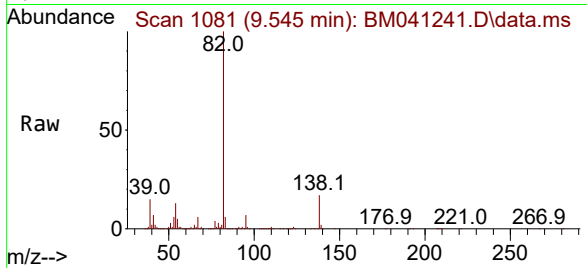




#25
Isophorone
Concen: 50.872 ng
RT: 9.545 min Scan# 1081
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

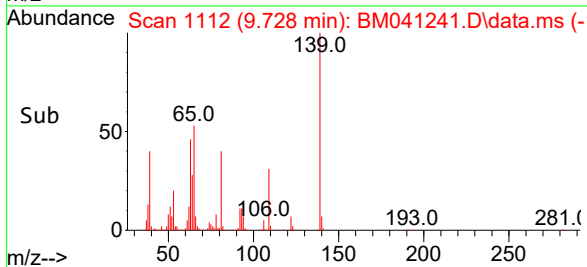
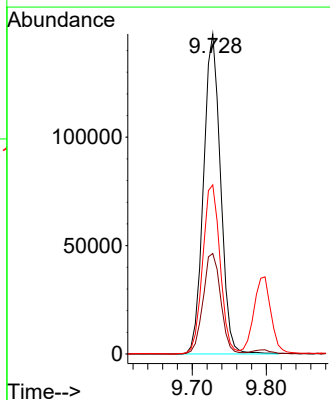
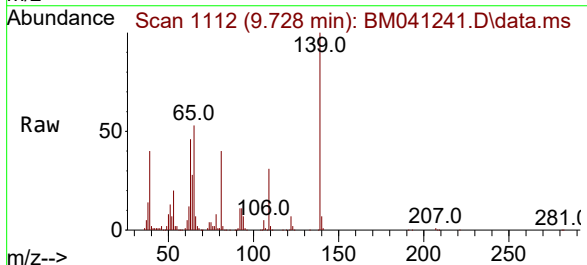
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

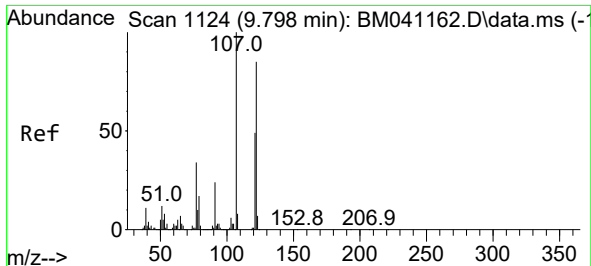
Tgt Ion: 82 Resp: 1233796
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 16.7 12.8 19.2



#26
2-Nitrophenol
Concen: 41.659 ng
RT: 9.728 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion: 139 Resp: 235300
Ion Ratio Lower Upper
139 100
109 31.4 25.4 38.2
65 52.8 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 49.904 ng

RT: 9.792 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

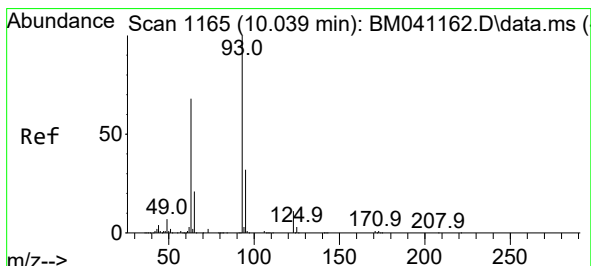
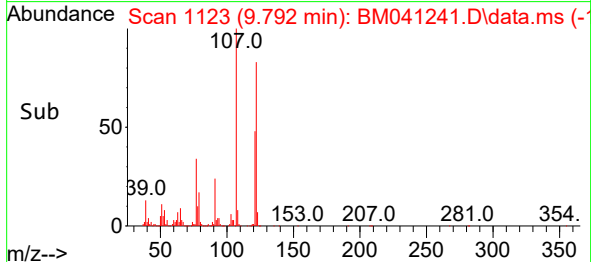
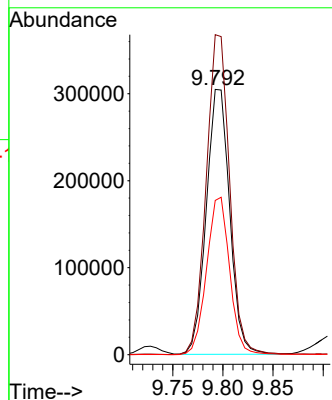
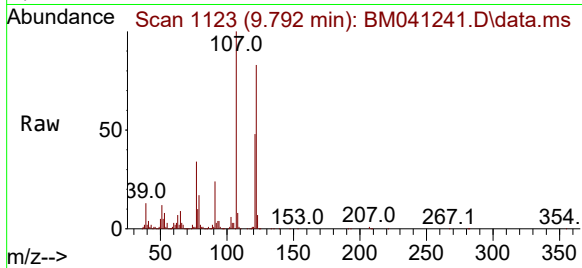
Tgt Ion:122 Resp: 495991

Ion Ratio Lower Upper

122 100

107 120.6 94.3 141.5

121 58.2 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.120 ng

RT: 10.028 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

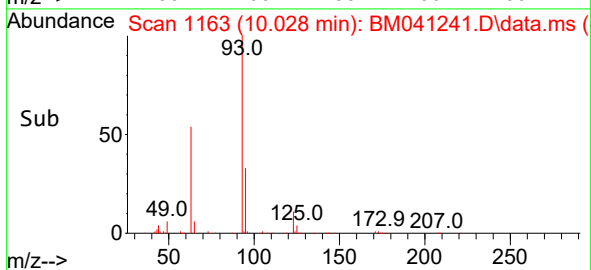
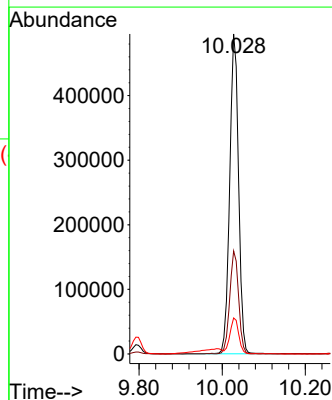
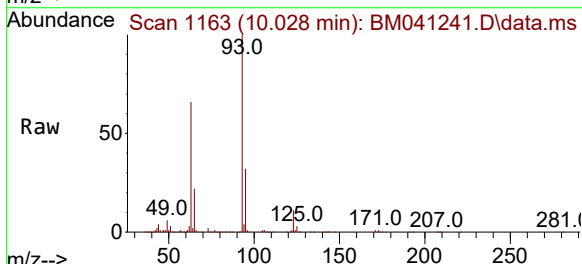
Tgt Ion: 93 Resp: 731030

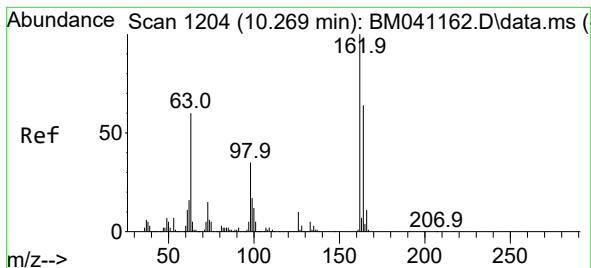
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 58.976 ng

RT: 10.263 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

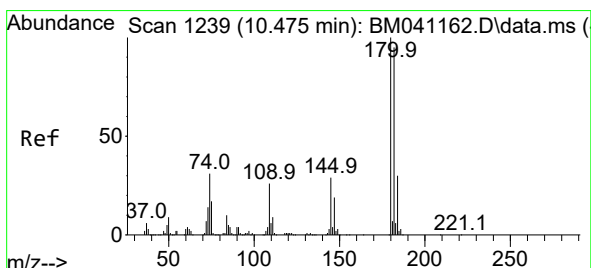
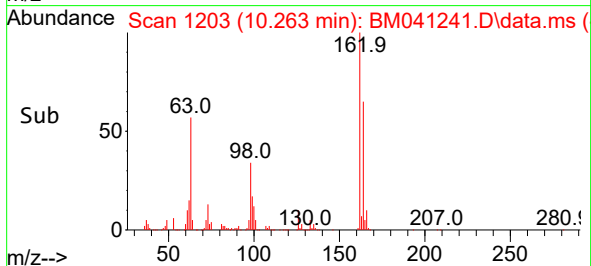
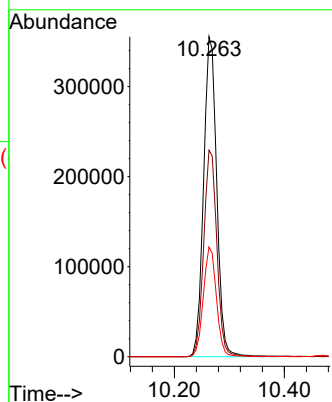
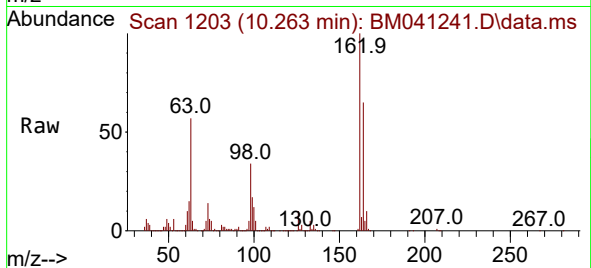
Tgt Ion:162 Resp: 591111

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 34.3 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 54.160 ng

RT: 10.469 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

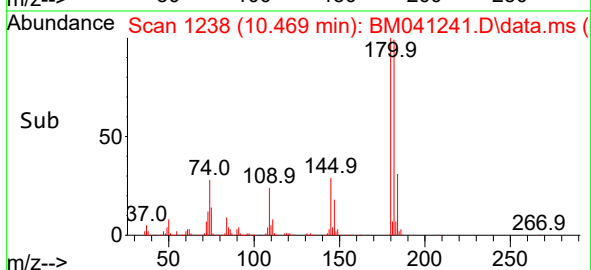
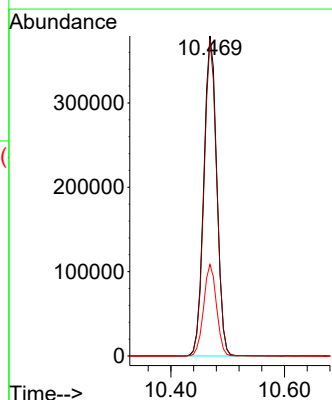
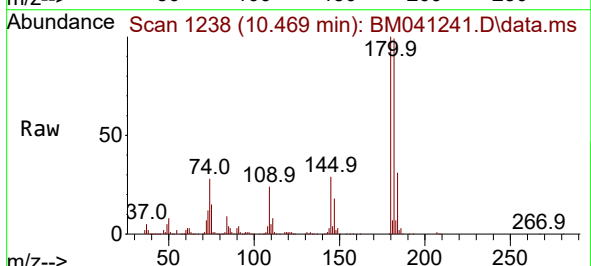
Tgt Ion:180 Resp: 599758

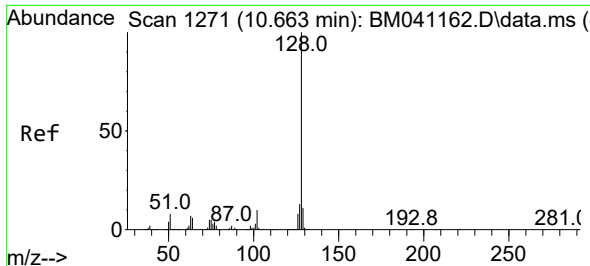
Ion Ratio Lower Upper

180 100

182 98.9 75.9 113.9

145 28.6 23.6 35.4

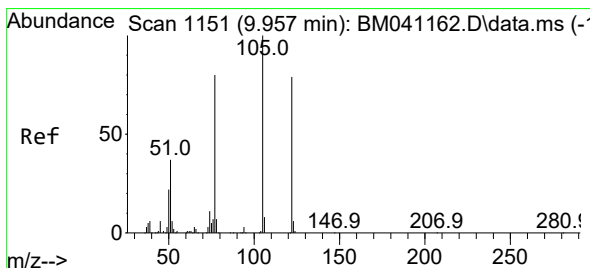
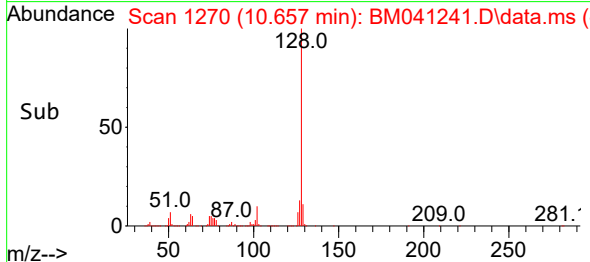
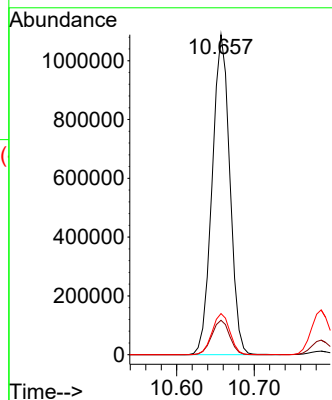
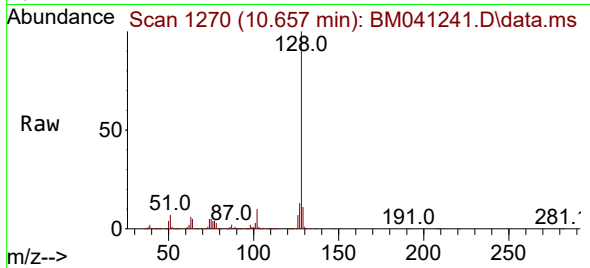




#31
Naphthalene
Concen: 47.923 ng
RT: 10.657 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

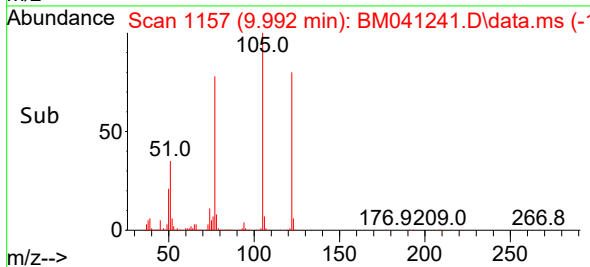
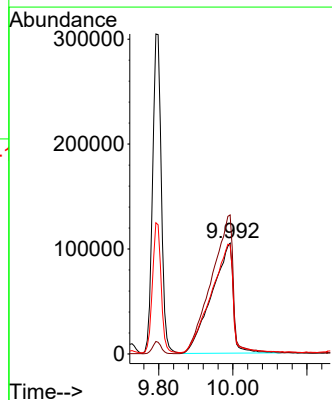
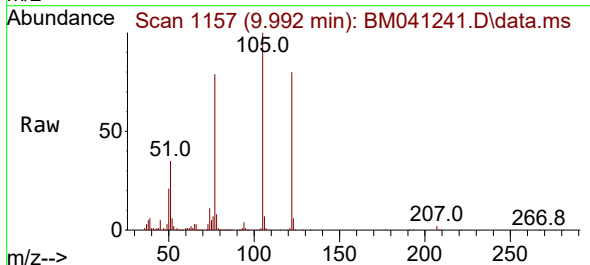
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

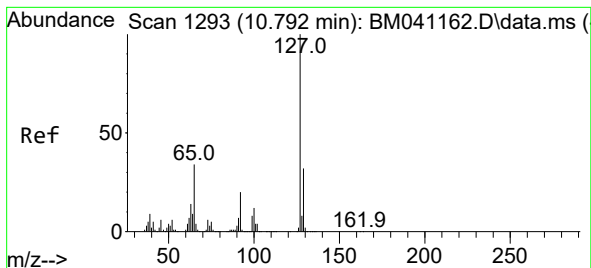
Tgt Ion:128 Resp: 1727882
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.8 10.5 15.7



#32
Benzoic acid
Concen: 55.426 ng
RT: 9.992 min Scan# 1157
Delta R.T. 0.035 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:122 Resp: 423449
Ion Ratio Lower Upper
122 100
105 125.6 104.0 144.0
77 98.8 79.9 119.9





#33

4-Chloroaniline

Concen: 19.420 ng

RT: 10.786 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

Tgt Ion:127 Resp: 279826

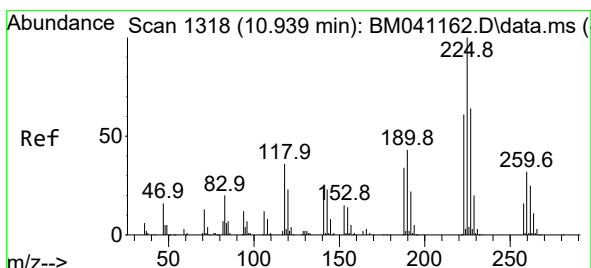
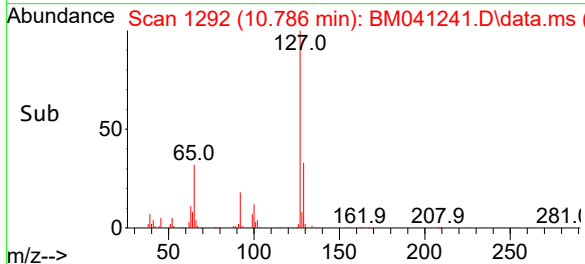
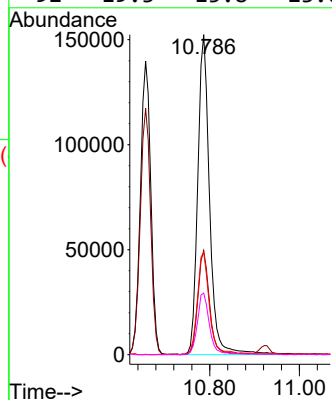
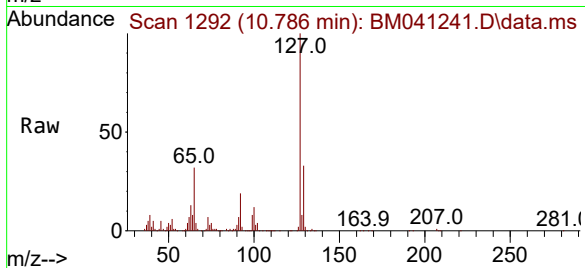
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 32.0 26.9 40.3

92 19.3 15.8 23.6



#34

Hexachlorobutadiene

Concen: 55.805 ng

RT: 10.922 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

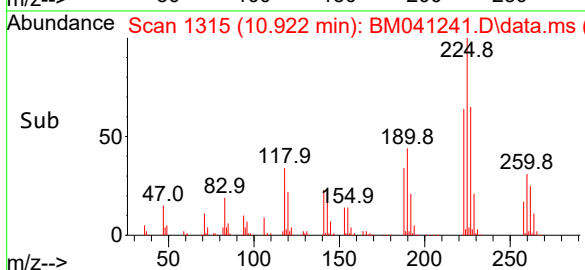
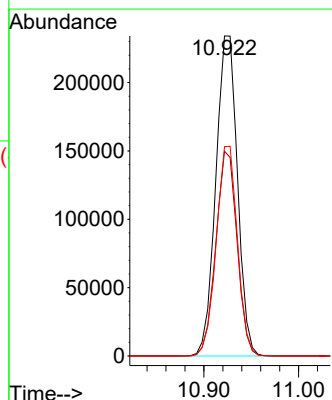
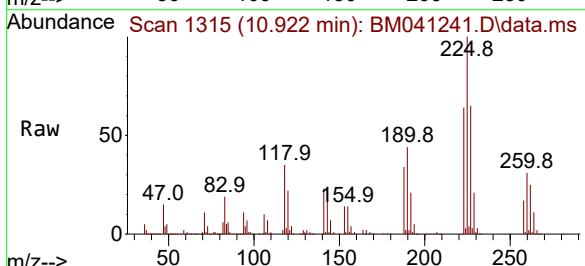
Tgt Ion:225 Resp: 371670

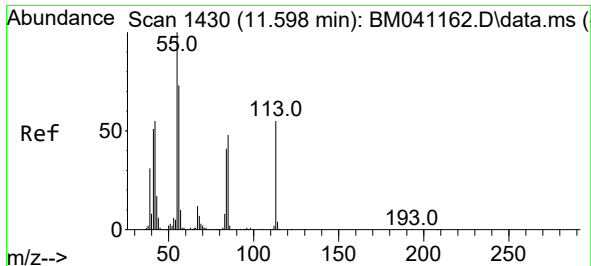
Ion Ratio Lower Upper

225 100

223 64.0 49.0 73.4

227 65.4 50.8 76.2

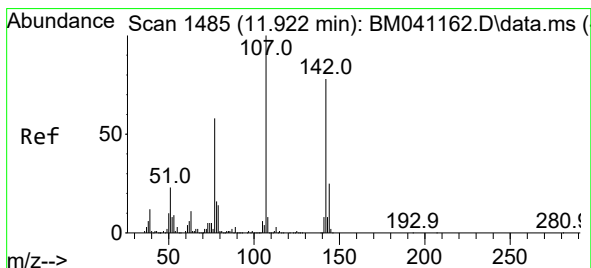
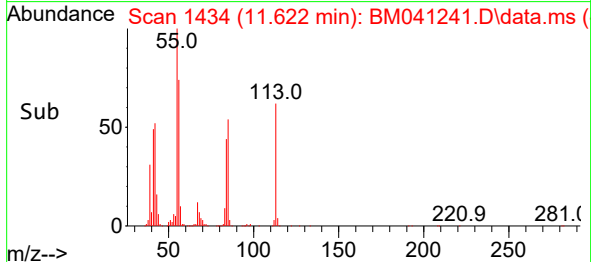
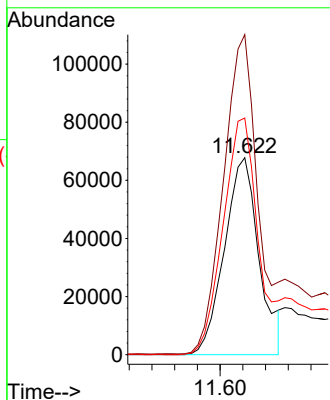
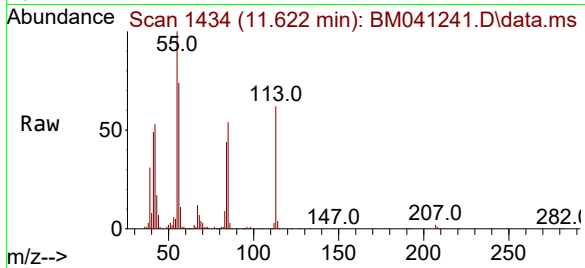




#35
Caprolactam
Concen: 49.357 ng
RT: 11.622 min Scan# 1430
Delta R.T. 0.023 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

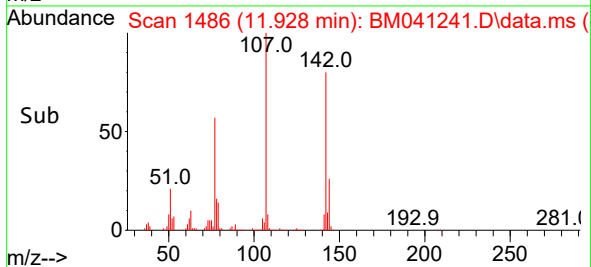
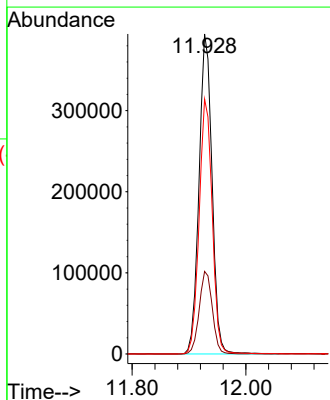
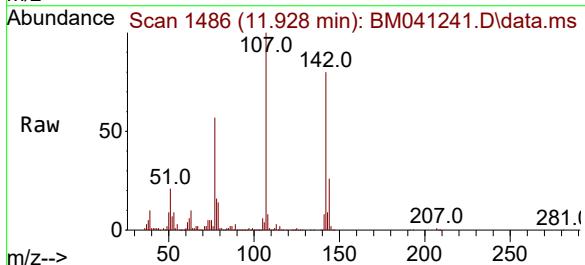
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

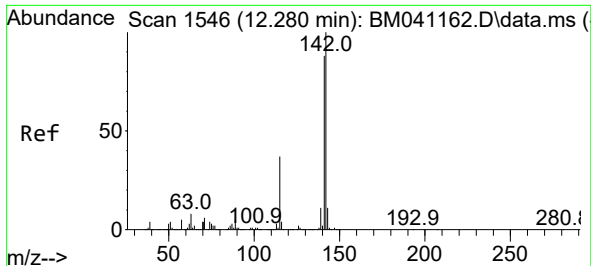
Tgt Ion:113 Resp: 143108
Ion Ratio Lower Upper
113 100
55 162.4 162.5 202.5#
56 120.1 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 59.587 ng
RT: 11.928 min Scan# 1486
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:107 Resp: 628610
Ion Ratio Lower Upper
107 100
144 25.8 20.1 30.1
142 79.6 62.2 93.4

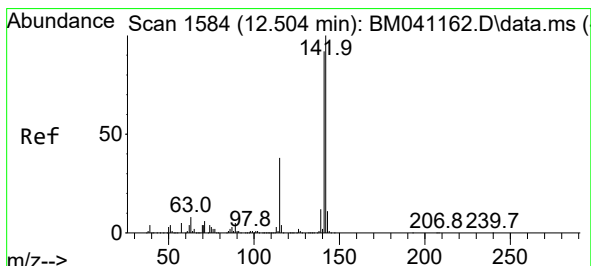
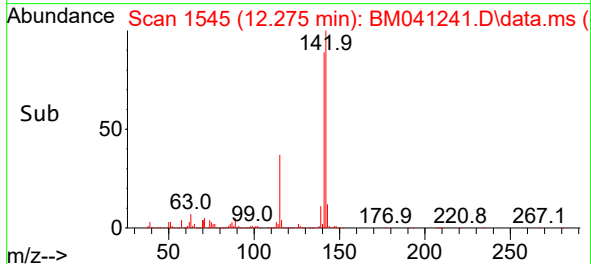
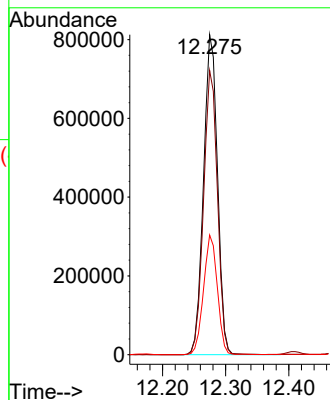
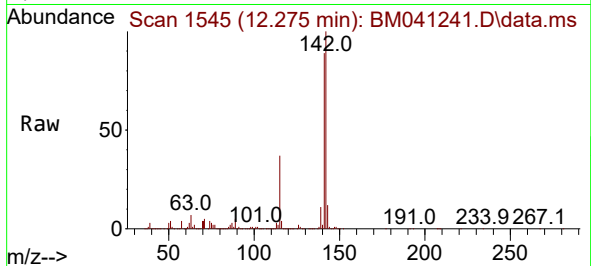




#37
2-Methylnaphthalene
Concen: 51.287 ng
RT: 12.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

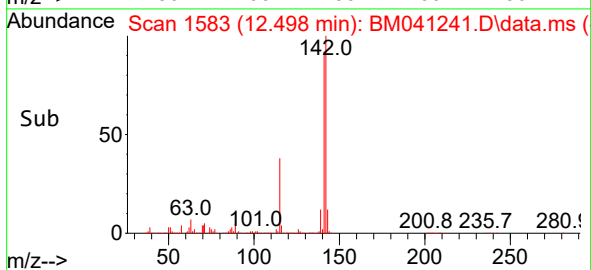
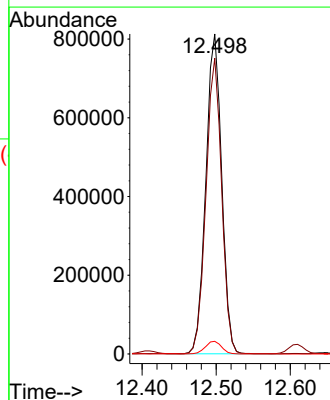
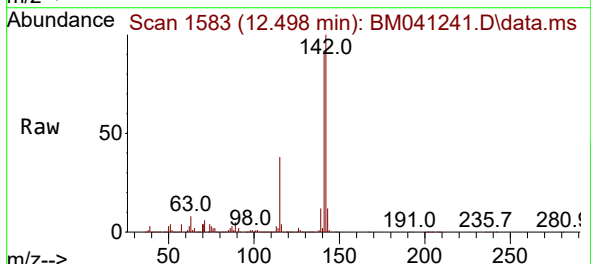
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

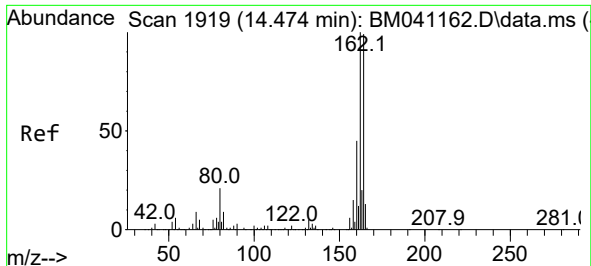
Tgt Ion:142 Resp: 1246664
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1
115 37.4 29.3 43.9



#38
1-Methylnaphthalene
Concen: 53.012 ng
RT: 12.498 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:142 Resp: 1206063
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

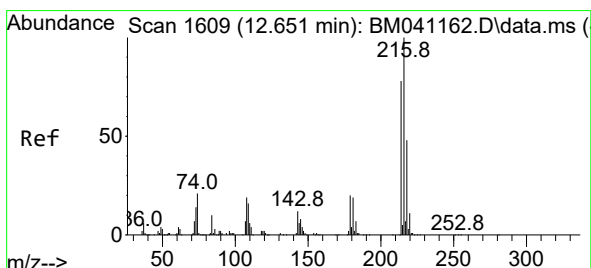
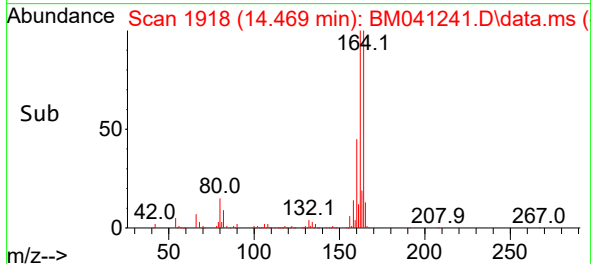
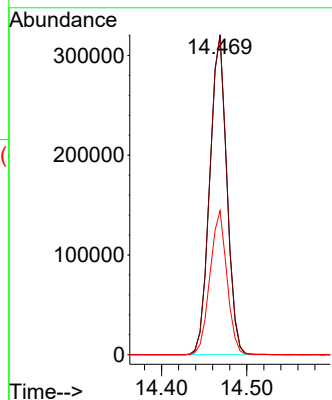
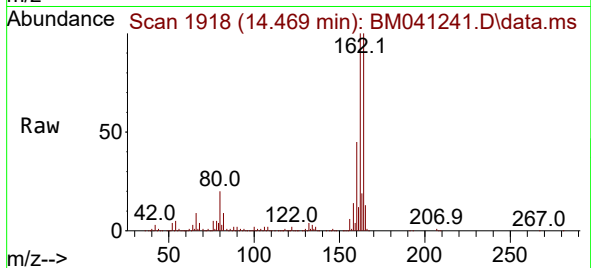
Tgt Ion:164 Resp: 444157

Ion Ratio Lower Upper

164 100

162 100.3 80.4 120.6

160 45.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.294 ng

RT: 12.645 min Scan# 1608

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Tgt Ion:216 Resp: 725350

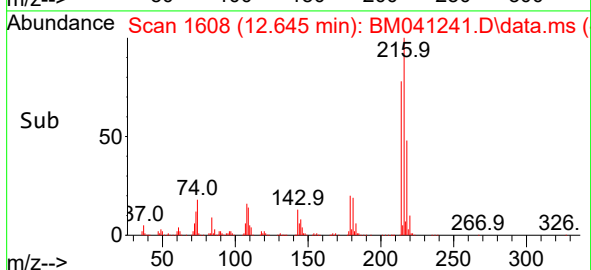
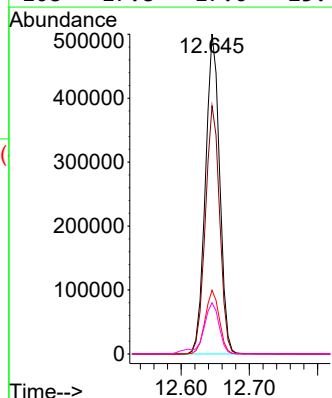
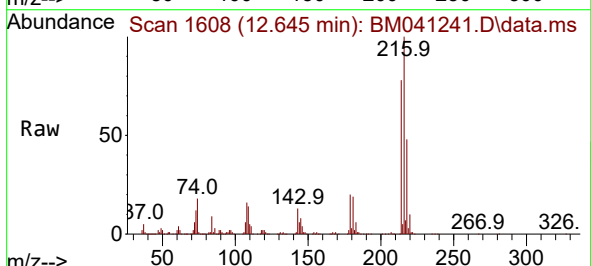
Ion Ratio Lower Upper

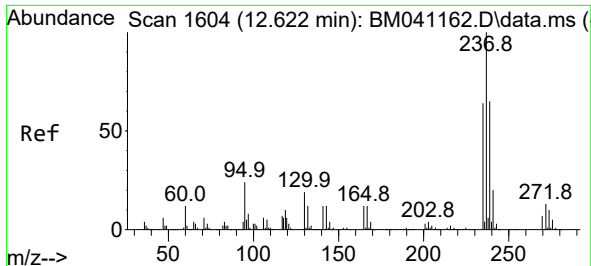
216 100

214 78.0 63.2 94.8

179 19.8 16.2 24.2

108 17.8 17.0 25.4

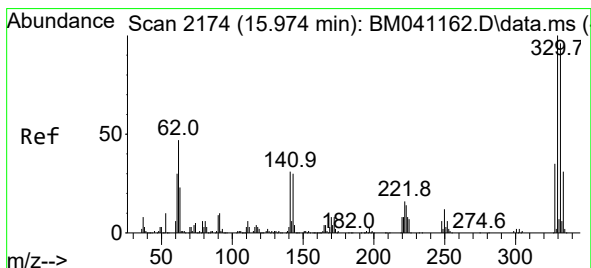
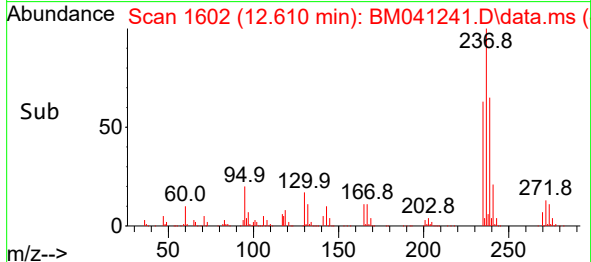
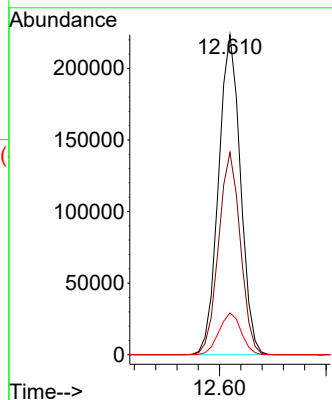
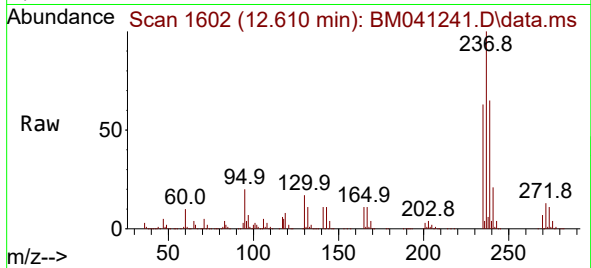




#41
Hexachlorocyclopentadiene
Concen: 41.755 ng
RT: 12.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

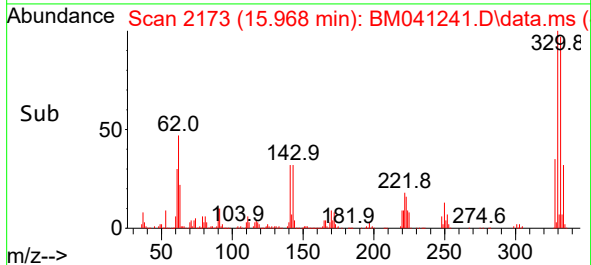
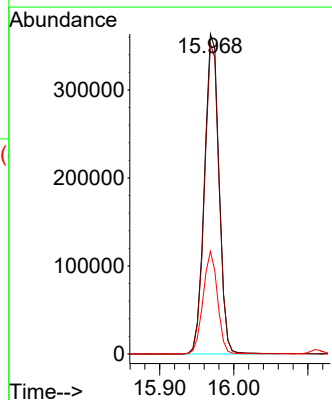
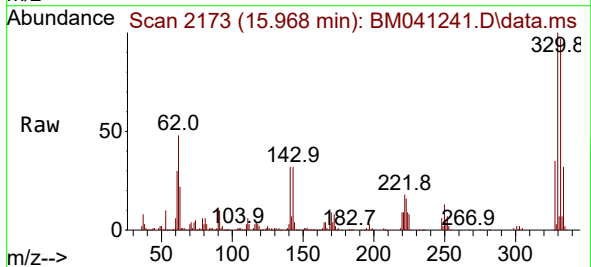
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

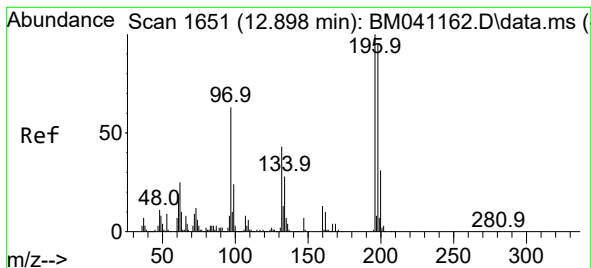
Tgt Ion:237 Resp: 318593
Ion Ratio Lower Upper
237 100
235 63.2 43.6 83.6
272 13.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 79.547 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:330 Resp: 499743
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 31.7 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 56.320 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

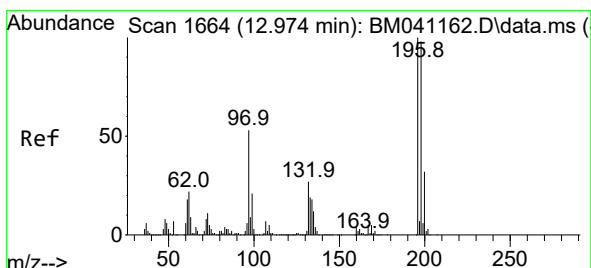
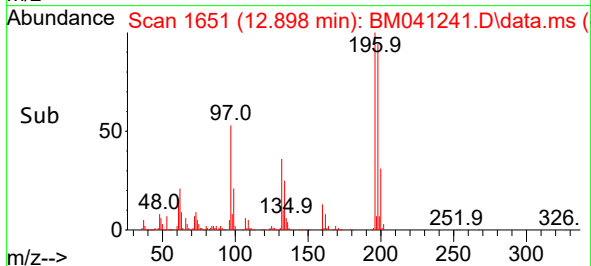
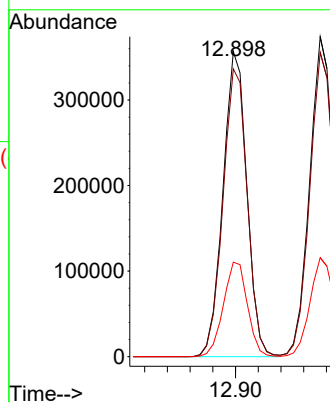
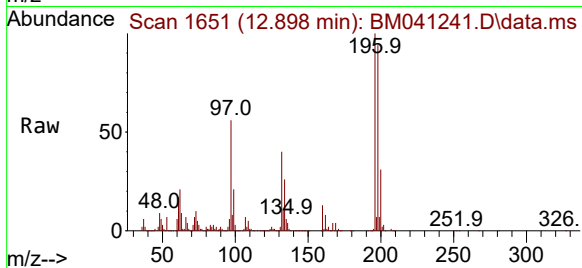
Tgt Ion:196 Resp: 520614

Ion Ratio Lower Upper

196 100

198 94.3 76.2 114.4

200 31.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 53.146 ng

RT: 12.975 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Tgt Ion:196 Resp: 568617

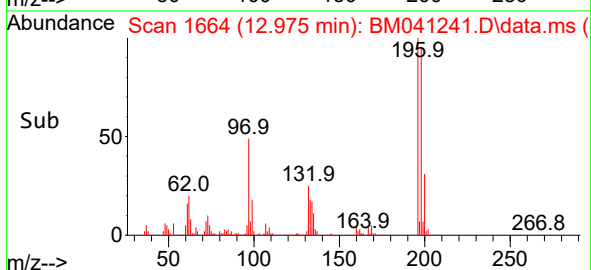
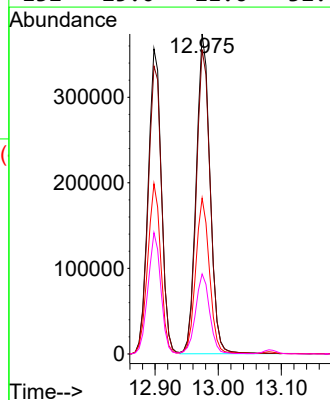
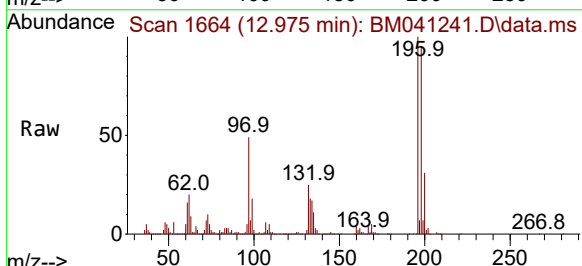
Ion Ratio Lower Upper

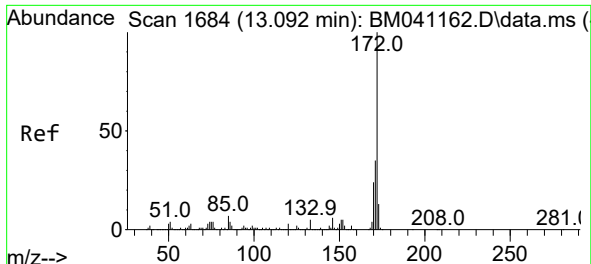
196 100

198 95.1 78.2 117.4

97 48.7 42.7 64.1

132 25.0 21.6 32.4

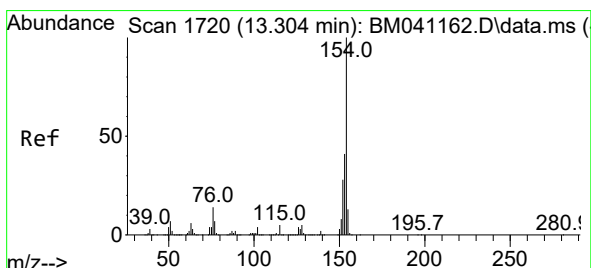
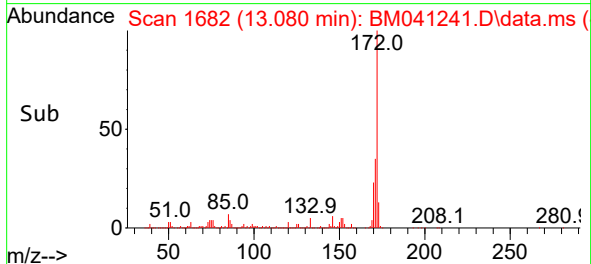
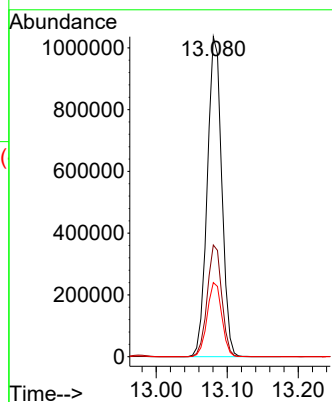
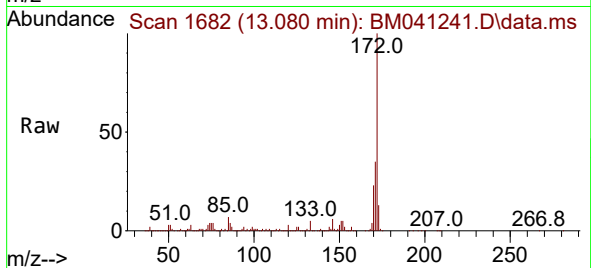




#45
2-Fluorobiphenyl
Concen: 41.755 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

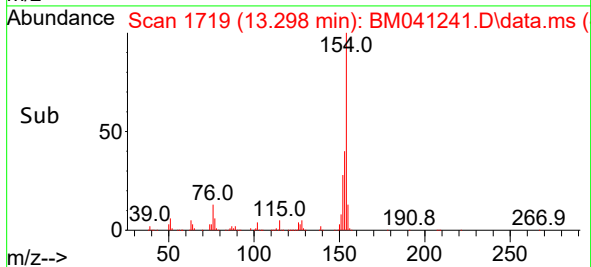
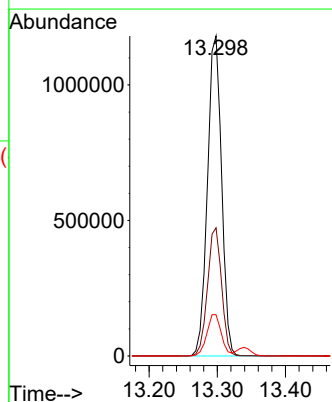
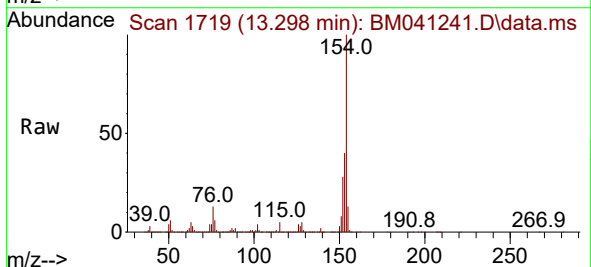
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

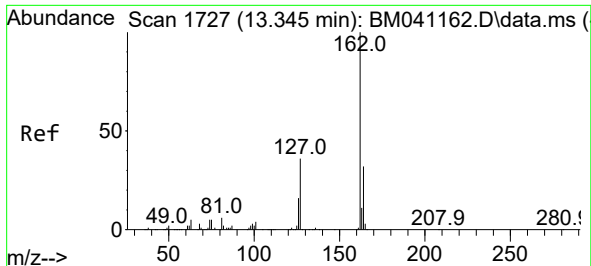
Tgt Ion:172 Resp: 1468086
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 47.219 ng
RT: 13.298 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:154 Resp: 1700237
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 12.9 0.0 34.1

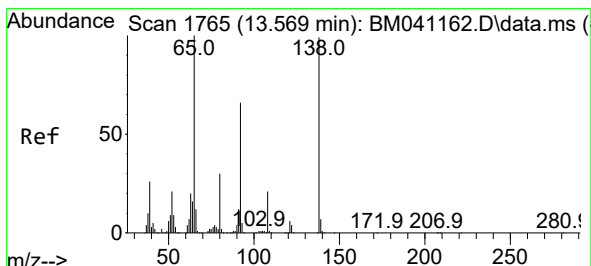
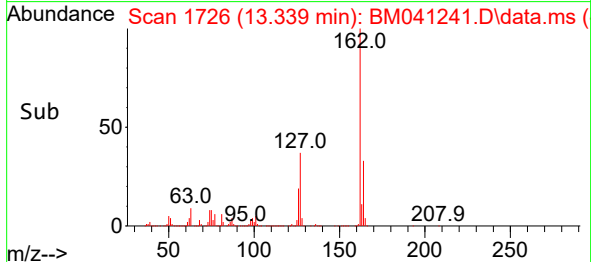
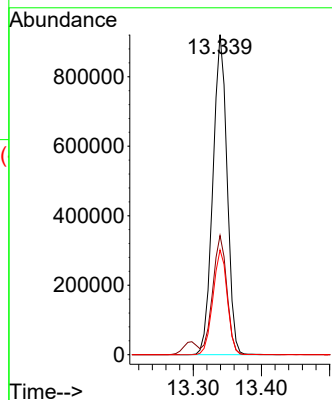
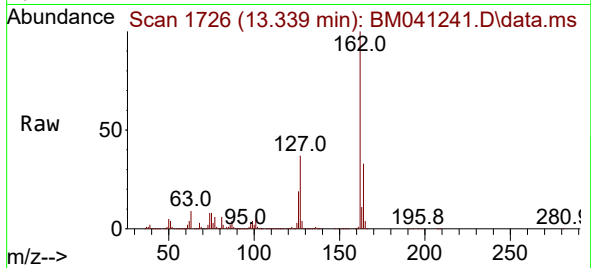




#47
2-Chloronaphthalene
Concen: 49.722 ng
RT: 13.339 min Scan# 1726
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

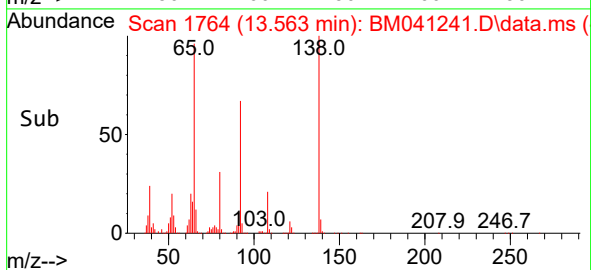
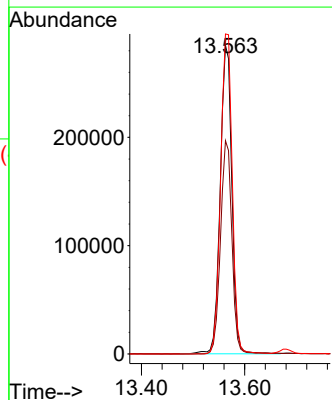
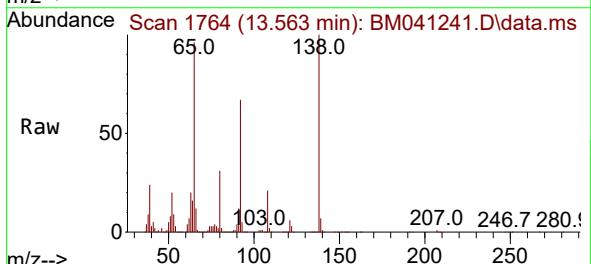
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

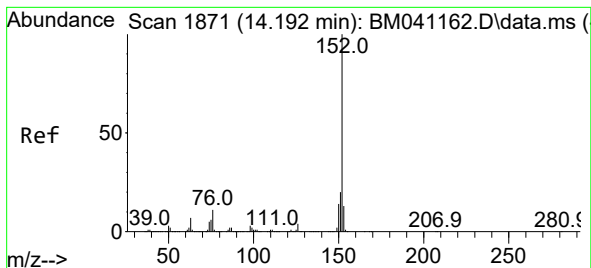
Tgt Ion:162 Resp: 1336802
Ion Ratio Lower Upper
162 100
127 37.3 30.6 45.8
164 32.8 25.6 38.4



#48
2-Nitroaniline
Concen: 51.783 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion: 65 Resp: 444395
Ion Ratio Lower Upper
65 100
92 69.1 53.0 79.4
138 103.7 79.1 118.7





#49

Acenaphthylene

Concen: 50.463 ng

RT: 14.192 min Scan# 1871

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

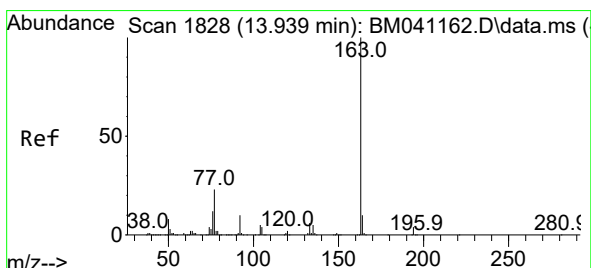
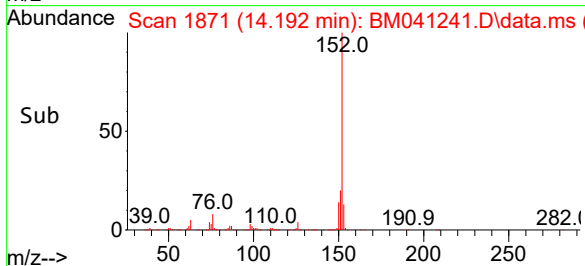
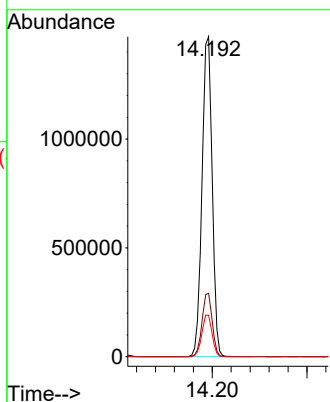
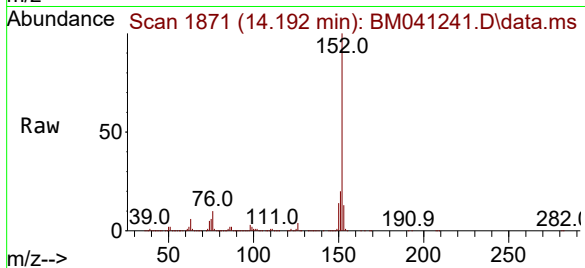
Tgt Ion:152 Resp: 2189875

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 50.846 ng

RT: 13.939 min Scan# 1828

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

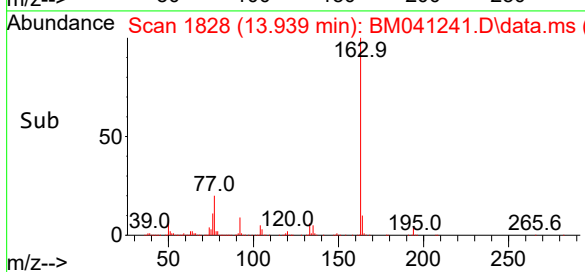
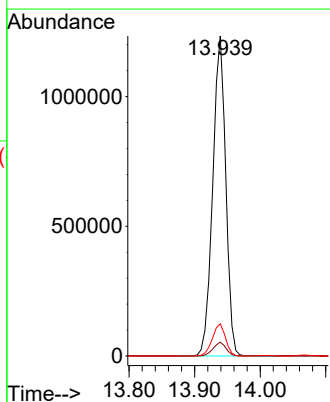
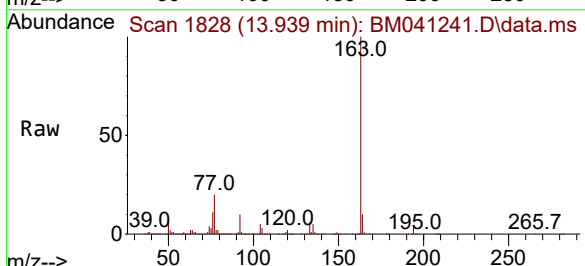
Tgt Ion:163 Resp: 1698781

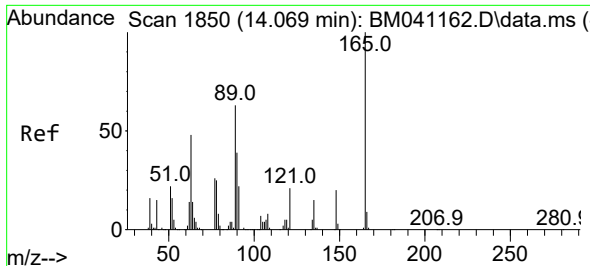
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 8.3 12.5

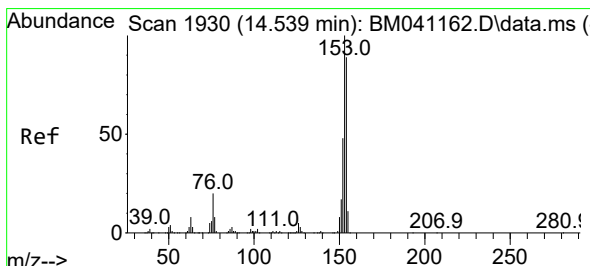
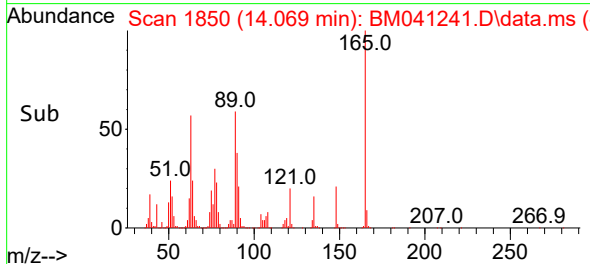
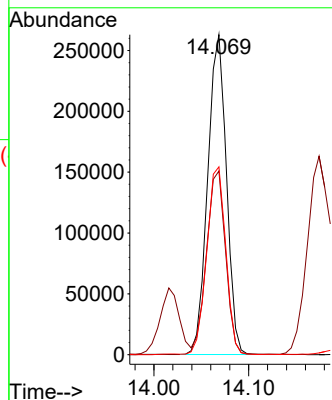
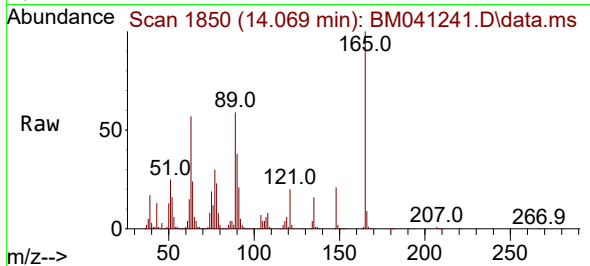




#51
2,6-Dinitrotoluene
Concen: 51.979 ng
RT: 14.069 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

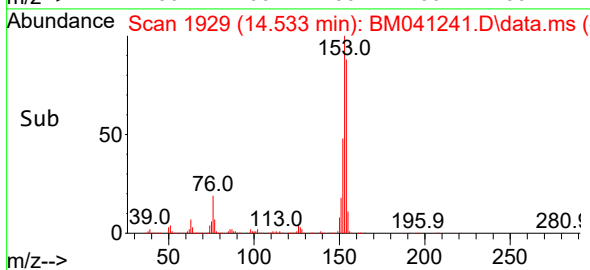
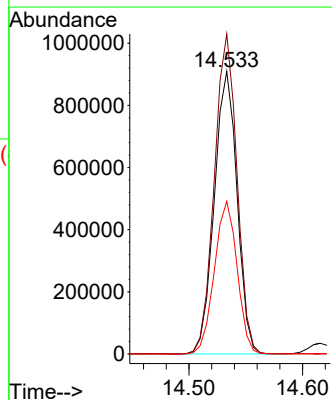
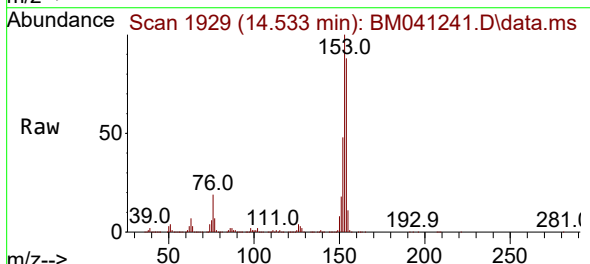
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

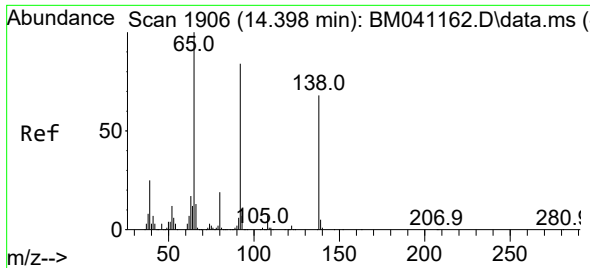
Tgt Ion:165 Resp: 359830
Ion Ratio Lower Upper
165 100
63 57.4 50.9 76.3
89 58.7 50.6 76.0



#52
Acenaphthene
Concen: 48.453 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:154 Resp: 1266673
Ion Ratio Lower Upper
154 100
153 113.3 90.2 135.4
152 54.0 43.4 65.0

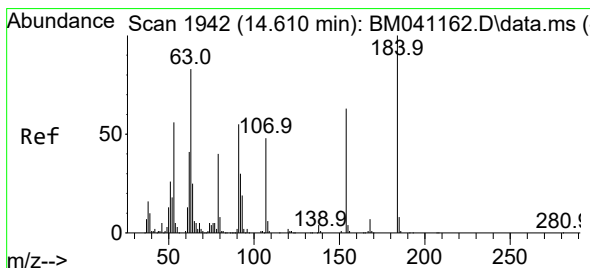
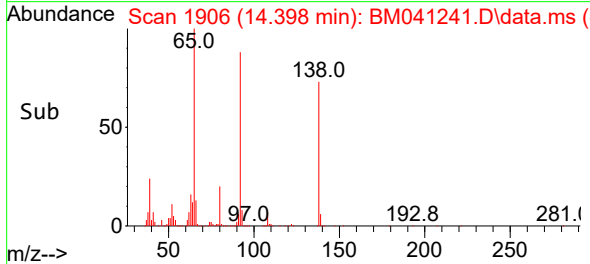
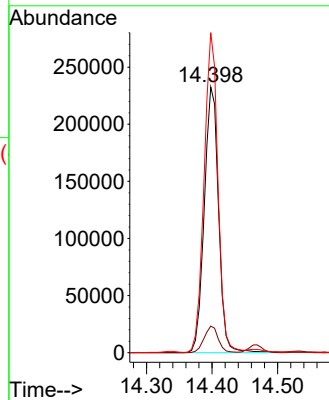
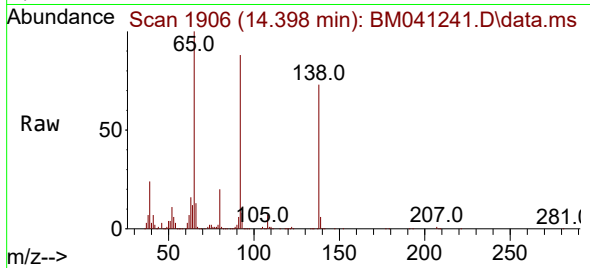




#53
3-Nitroaniline
Concen: 44.382 ng
RT: 14.398 min Scan# 1906
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

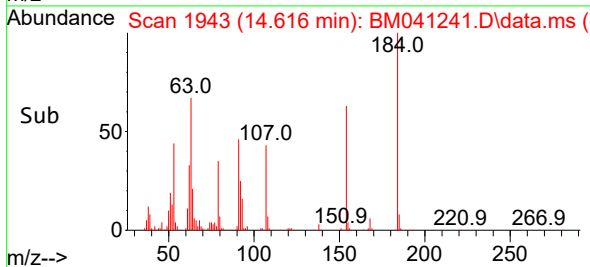
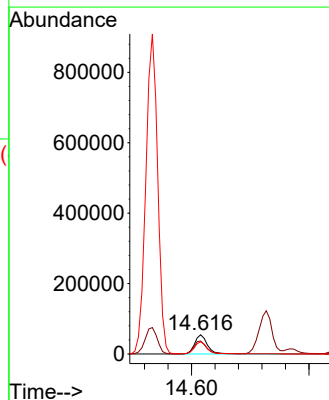
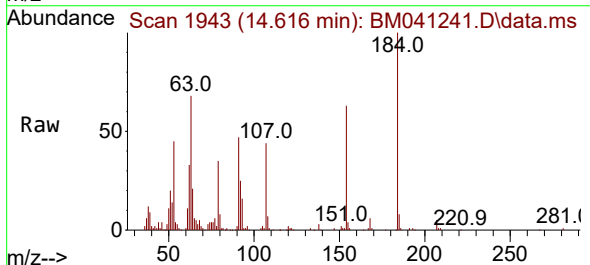
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

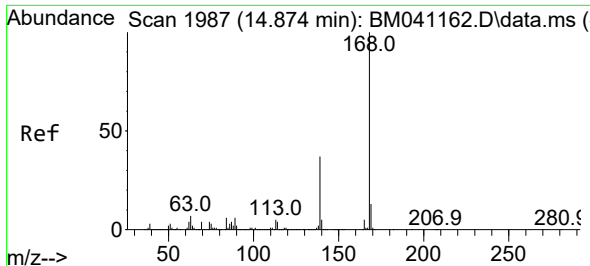
Tgt Ion:138 Resp: 353889
Ion Ratio Lower Upper
138 100
108 10.0 7.6 11.4
92 120.4 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 22.084 ng
RT: 14.616 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:184 Resp: 81941
Ion Ratio Lower Upper
184 100
63 67.7 66.5 99.7
154 63.1 52.8 79.2

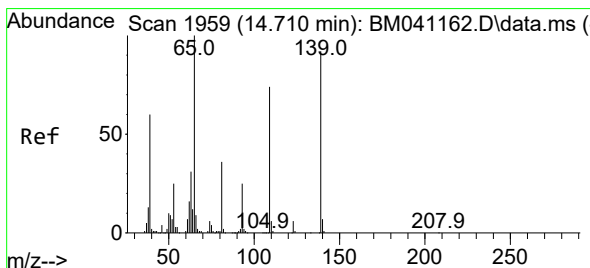
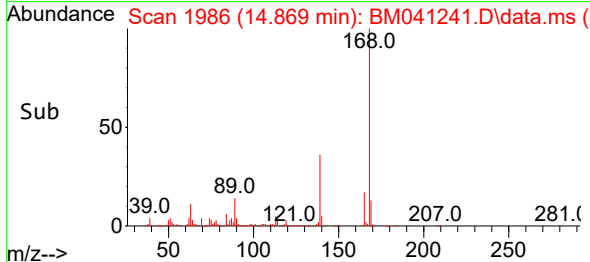
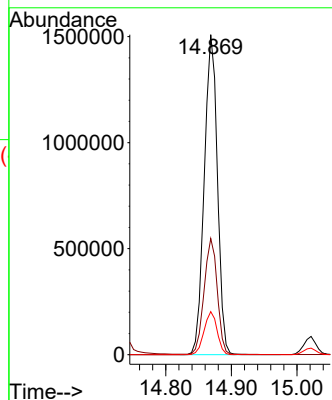
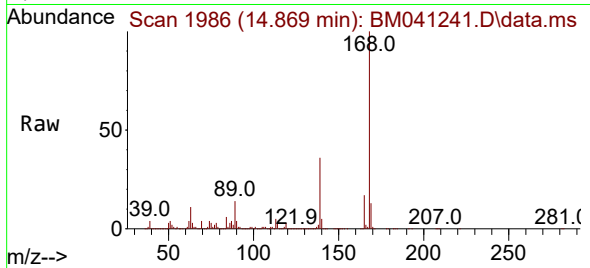




#55
Dibenzenofuran
Concen: 49.497 ng
RT: 14.869 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

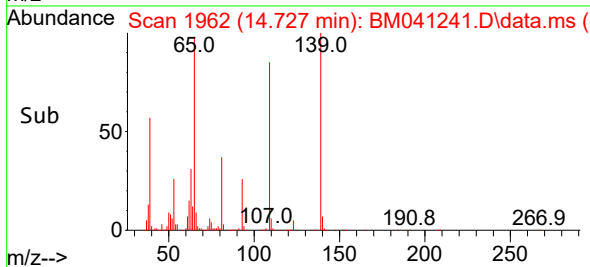
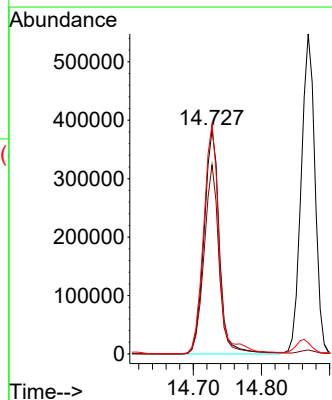
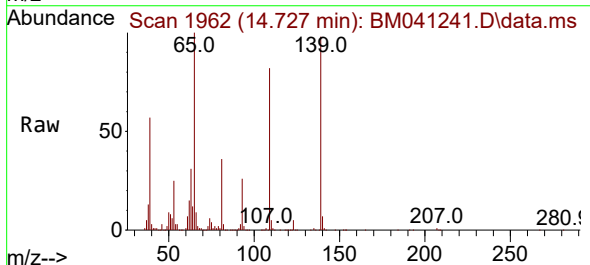
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

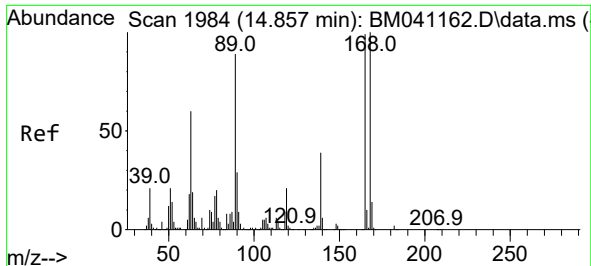
Tgt Ion:168 Resp: 2111201
Ion Ratio Lower Upper
168 100
139 36.3 29.8 44.6
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 104.266 ng
RT: 14.727 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:139 Resp: 601558
Ion Ratio Lower Upper
139 100
109 84.4 61.2 101.2
65 102.5 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 50.547 ng

RT: 14.863 min Scan# 1984

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

Tgt Ion:165 Resp: 501191

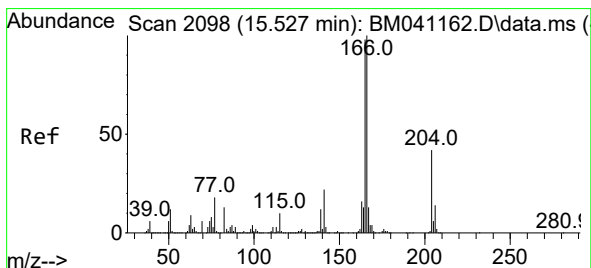
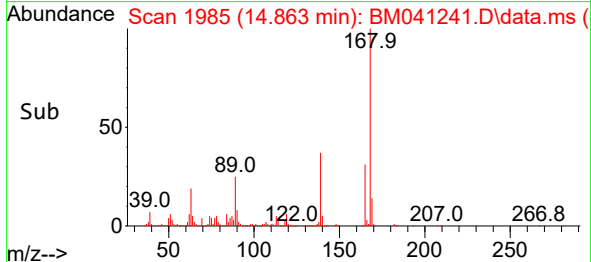
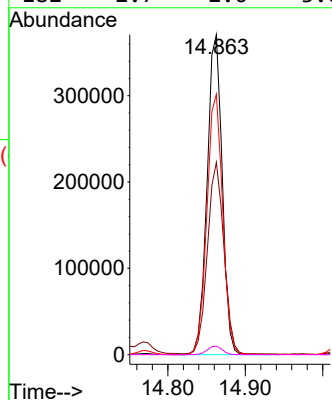
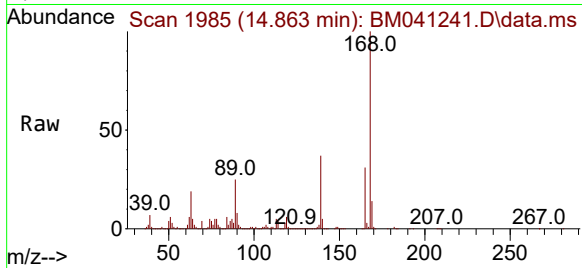
Ion Ratio Lower Upper

165 100

63 60.1 48.3 72.5

89 81.4 71.8 107.8

182 2.7 2.0 3.0



#58

Fluorene

Concen: 50.959 ng

RT: 15.521 min Scan# 2097

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

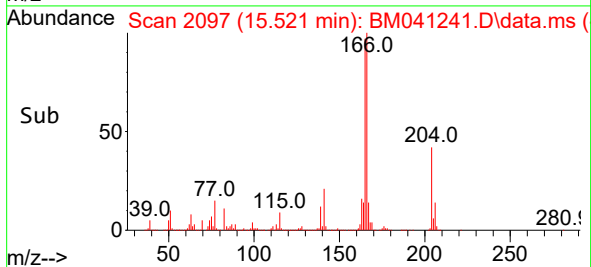
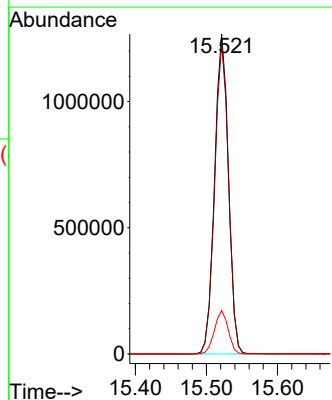
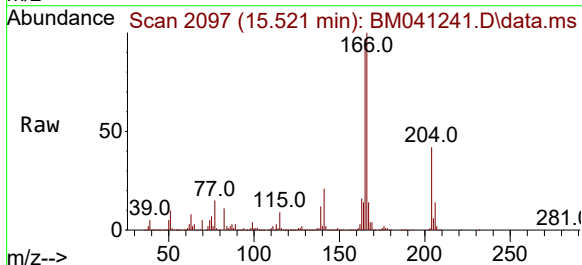
Tgt Ion:166 Resp: 1714686

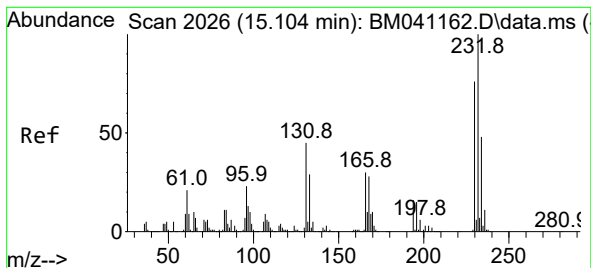
Ion Ratio Lower Upper

166 100

165 96.9 78.2 117.4

167 13.6 10.6 16.0

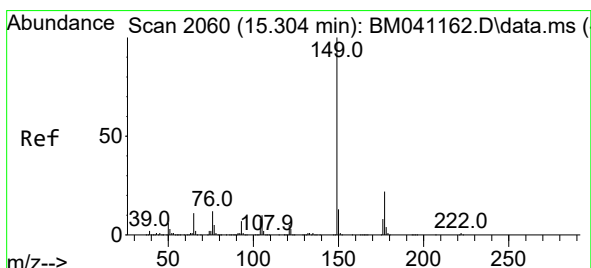
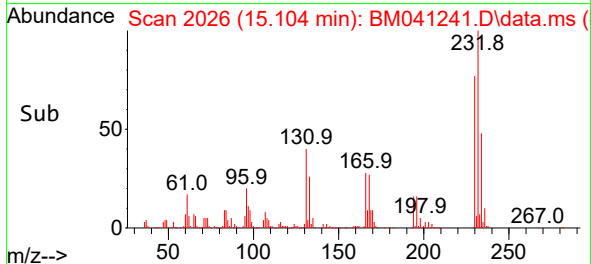
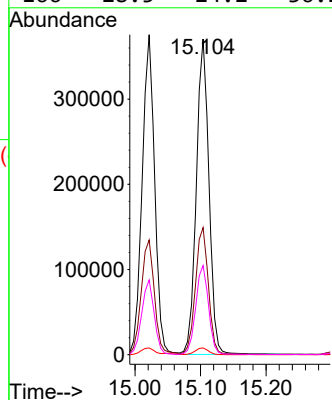
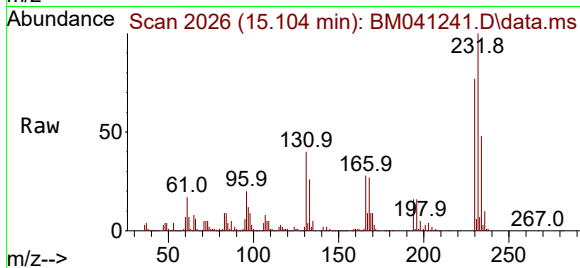




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.326 ng
RT: 15.104 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

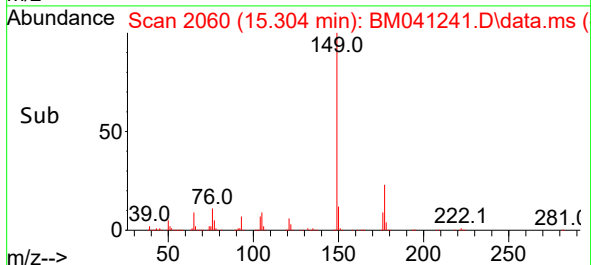
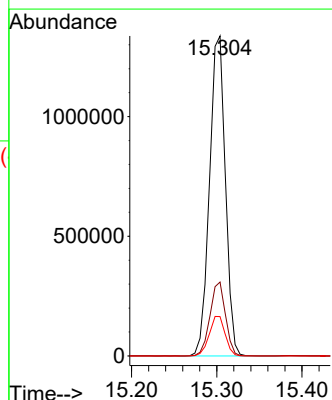
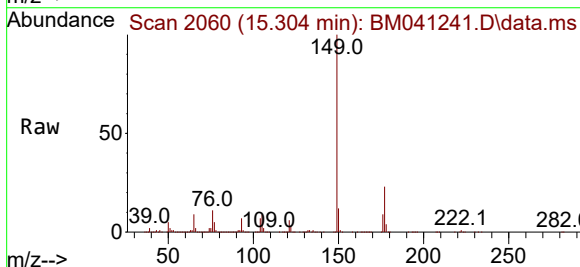
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

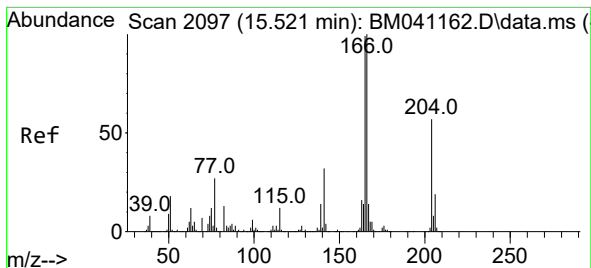
Tgt Ion:232 Resp: 496660
Ion Ratio Lower Upper
232 100
131 41.3 36.9 55.3
130 2.2 2.0 3.0
166 28.5 24.2 36.2



#60
Diethylphthalate
Concen: 53.500 ng
RT: 15.304 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:149 Resp: 1728541
Ion Ratio Lower Upper
149 100
177 23.1 17.5 26.3
150 12.3 10.1 15.1

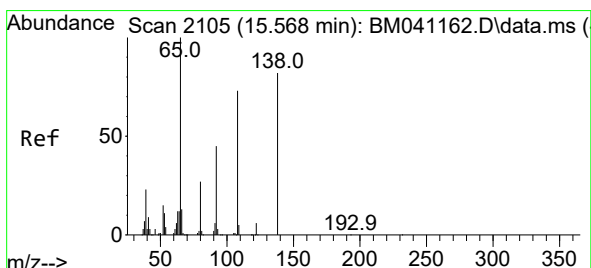
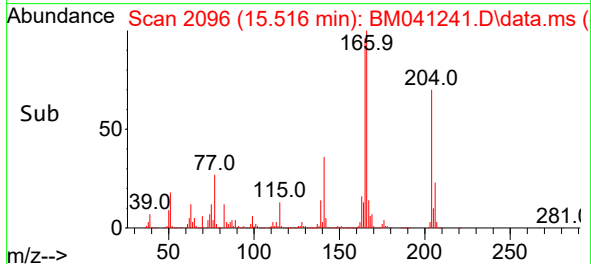
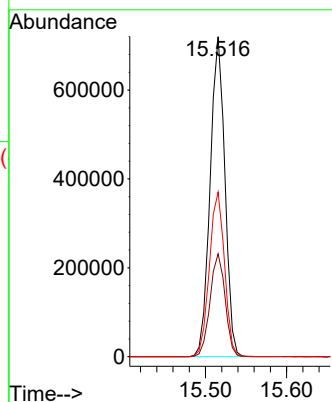
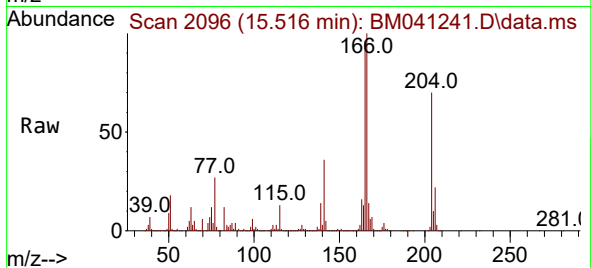




#61
4-Chlorophenyl-phenylether
Concen: 53.826 ng
RT: 15.516 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

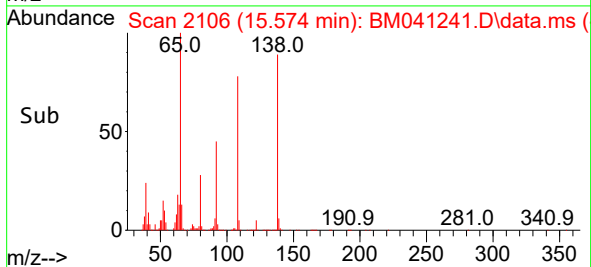
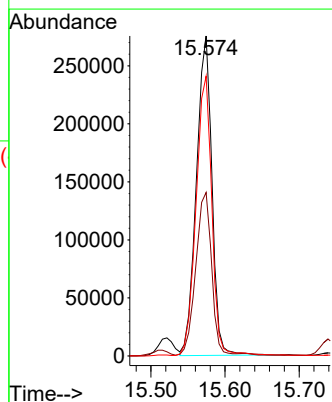
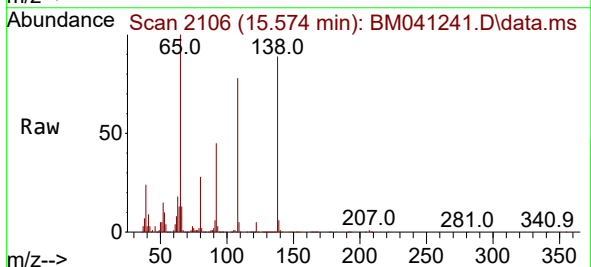
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

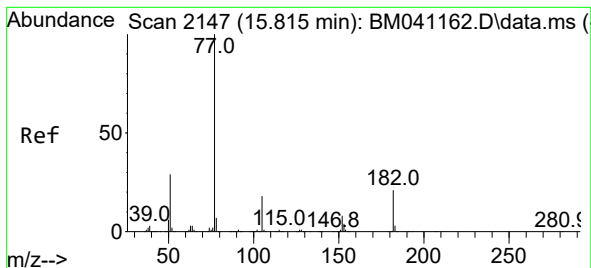
Tgt Ion:204 Resp: 907583
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 51.5 44.8 67.2



#62
4-Nitroaniline
Concen: 53.807 ng
RT: 15.574 min Scan# 2106
Delta R.T. 0.012 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:138 Resp: 401336
Ion Ratio Lower Upper
138 100
92 51.1 35.1 75.1
108 87.5 67.8 107.8





#63

Azobenzene

Concen: 49.172 ng

RT: 15.810 min Scan# 2147

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

Tgt Ion: 77 Resp: 1740248

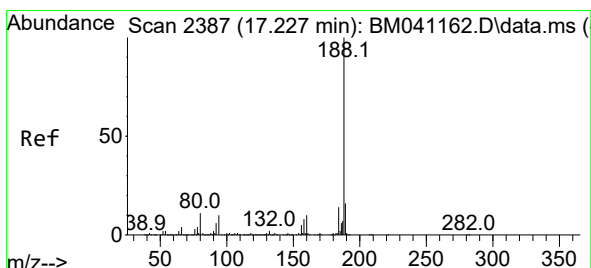
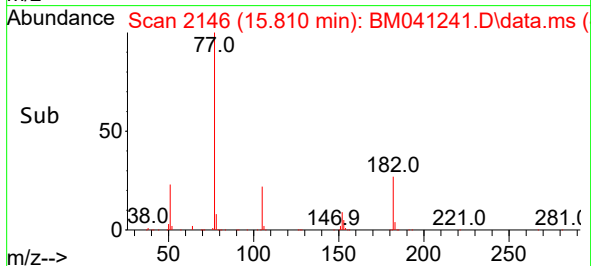
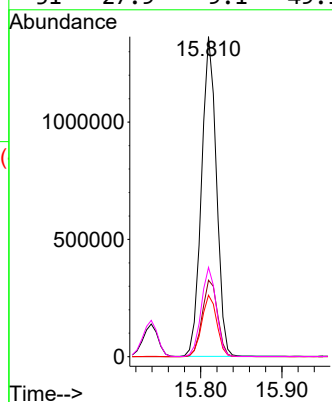
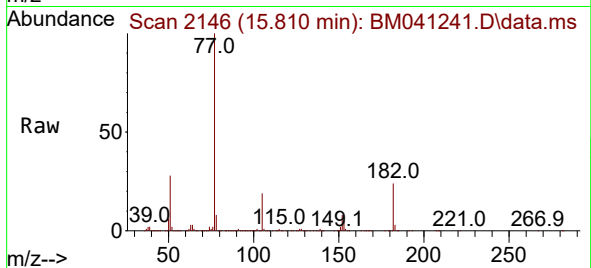
Ion Ratio Lower Upper

77 100

182 23.9 1.3 41.3

105 19.2 0.0 38.5

51 27.9 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: BM041241.D

Acq: 02 Aug 2023 12:48

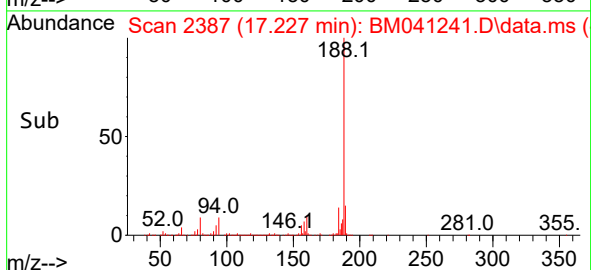
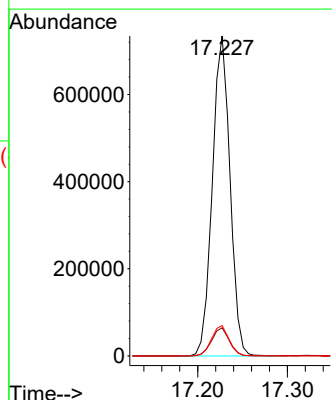
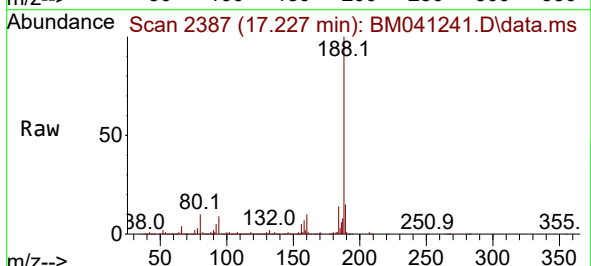
Tgt Ion:188 Resp: 1002448

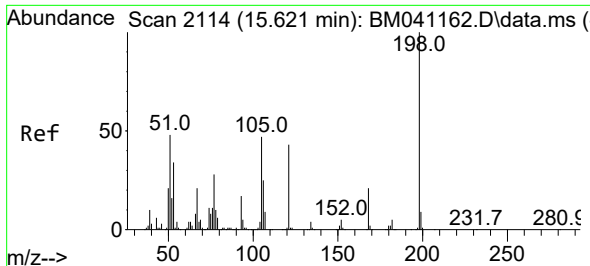
Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

80 9.5 8.6 13.0

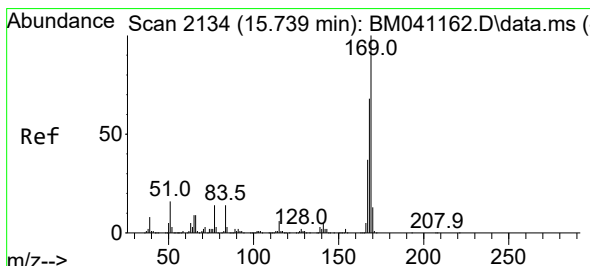
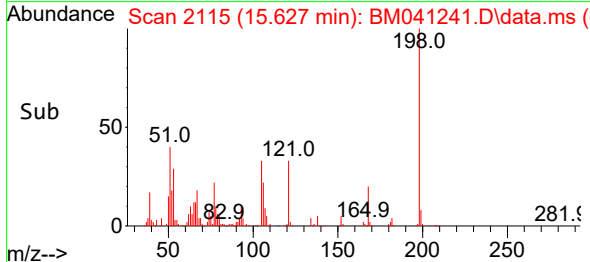
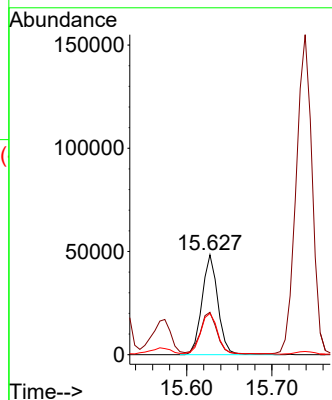
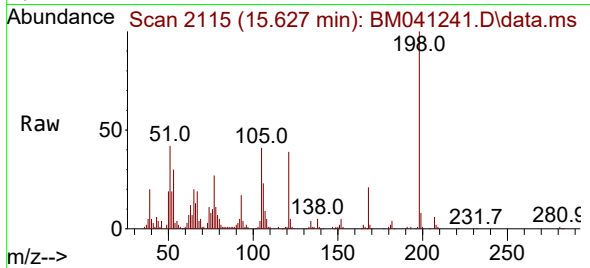




#65
4,6-Dinitro-2-methylphenol
Concen: 10.292 ng
RT: 15.627 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

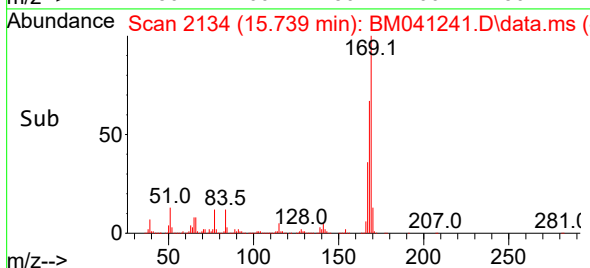
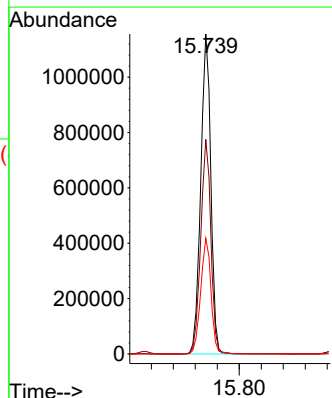
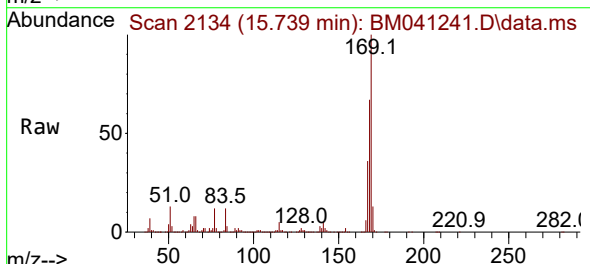
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

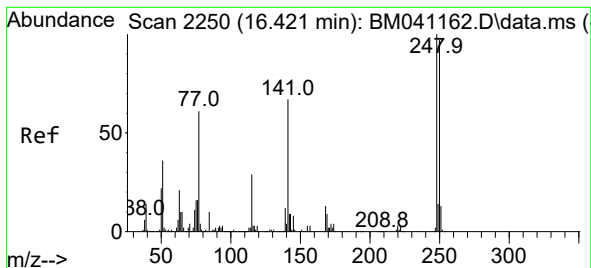
Tgt Ion:198 Resp: 62502
Ion Ratio Lower Upper
198 100
51 42.5 31.7 71.7
105 41.4 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 47.442 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:169 Resp: 1479096
Ion Ratio Lower Upper
169 100
168 67.0 54.6 81.8
167 36.2 29.9 44.9

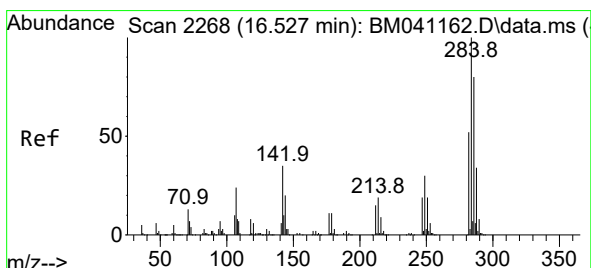
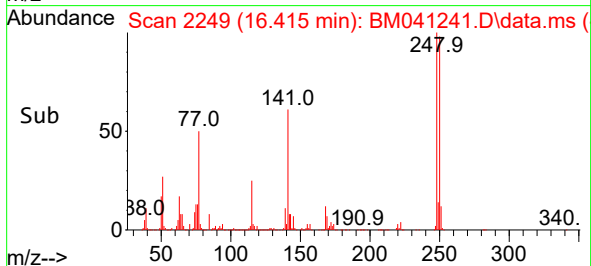
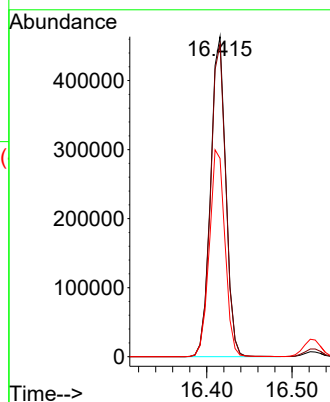
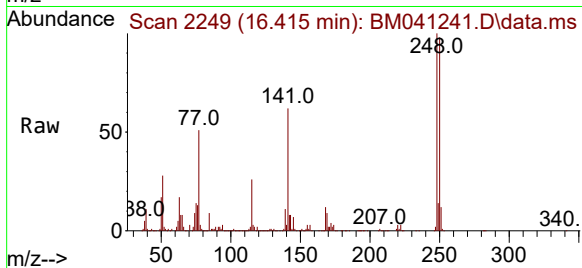




#67
4-Bromophenyl-phenylether
Concen: 52.415 ng
RT: 16.415 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

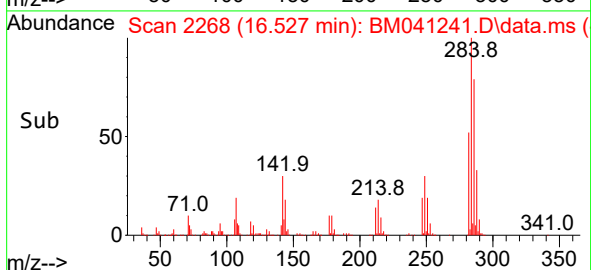
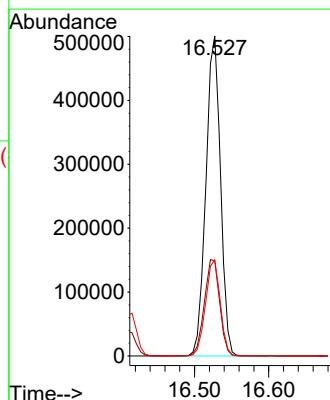
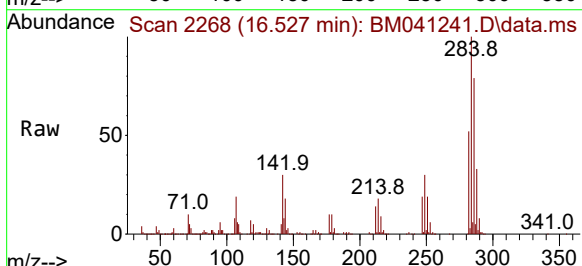
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

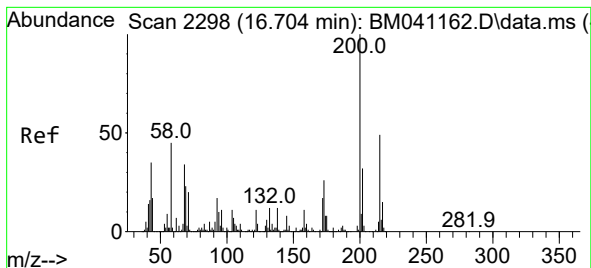
Tgt Ion:248 Resp: 576097
Ion Ratio Lower Upper
248 100
250 97.6 78.0 117.0
141 62.0 53.8 80.8



#68
Hexachlorobenzene
Concen: 56.044 ng
RT: 16.527 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:284 Resp: 684952
Ion Ratio Lower Upper
284 100
142 29.8 28.0 42.0
249 30.0 23.7 35.5





#69

Atrazine

Concen: 64.577 ng

RT: 16.704 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

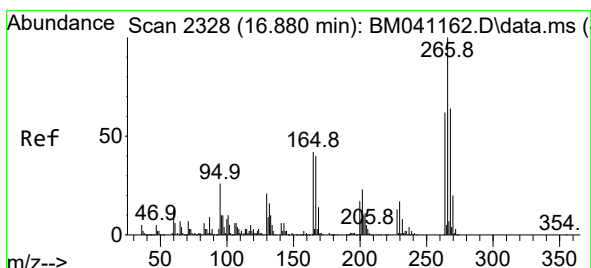
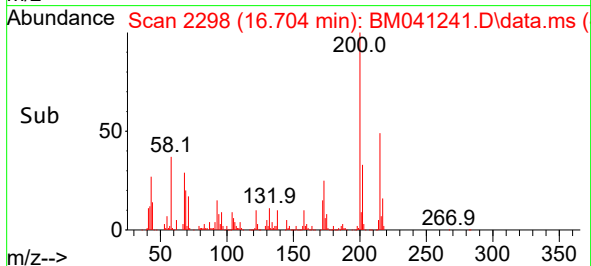
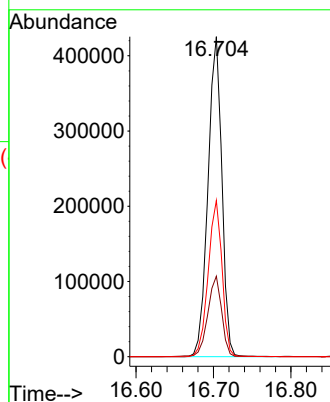
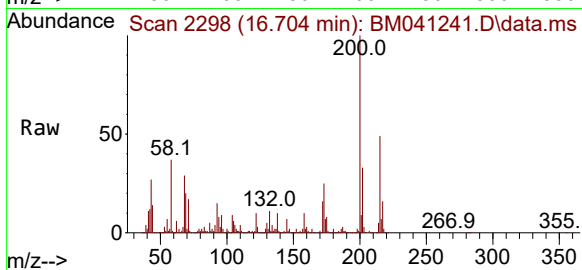
Tgt Ion:200 Resp: 528720

Ion Ratio Lower Upper

200 100

173 25.2 5.6 45.6

215 48.8 28.5 68.5



#70

Pentachlorophenol

Concen: 80.535 ng

RT: 16.880 min Scan# 2328

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

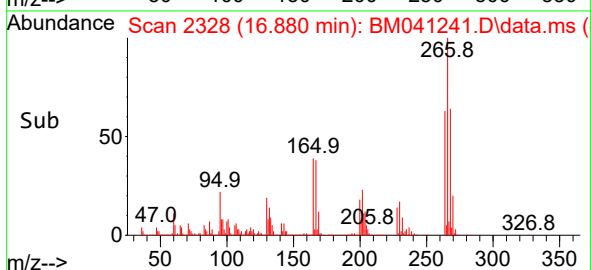
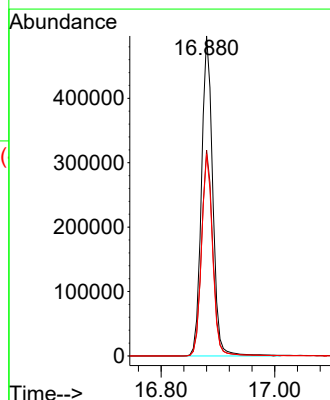
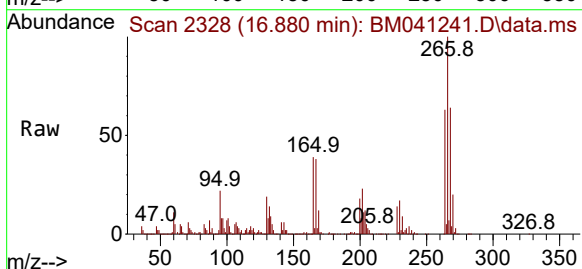
Tgt Ion:266 Resp: 681561

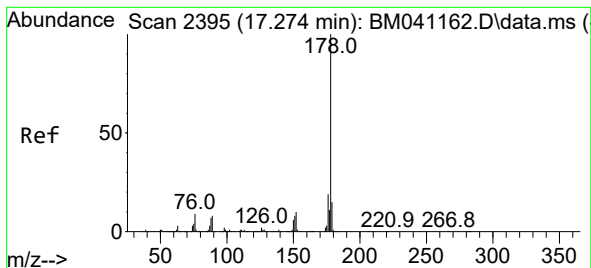
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.6

264 63.1 49.4 74.2





#71

Phenanthrene

Concen: 48.784 ng

RT: 17.268 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

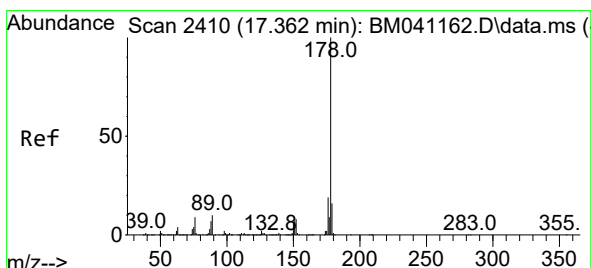
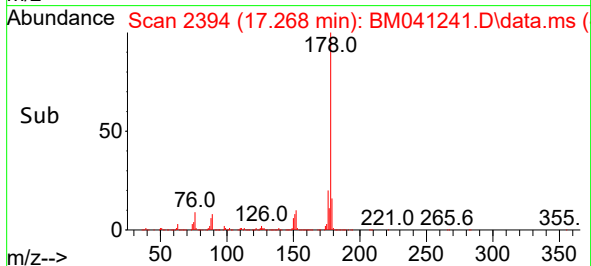
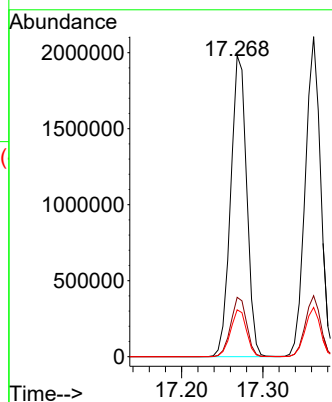
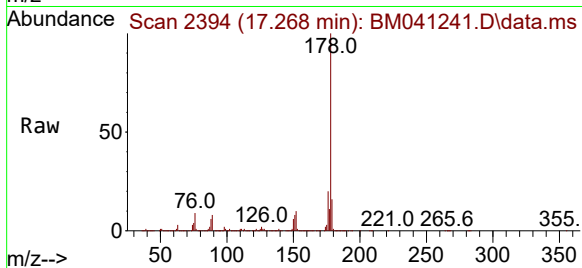
Tgt Ion:178 Resp: 2717081

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.6 12.1 18.1



#72

Anthracene

Concen: 50.624 ng

RT: 17.362 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

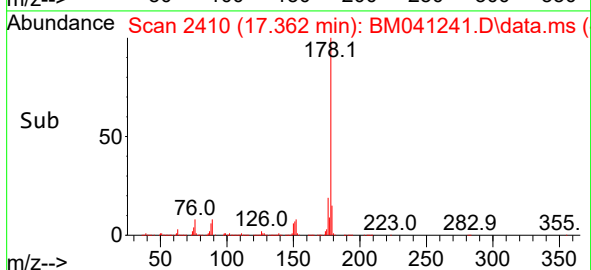
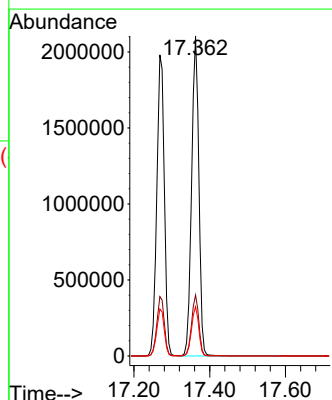
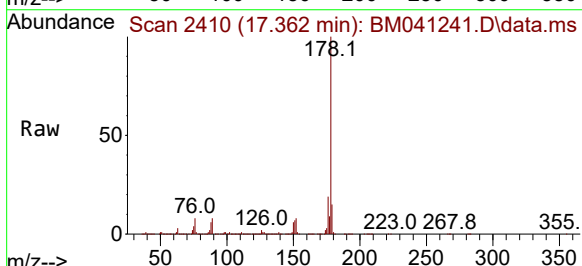
Tgt Ion:178 Resp: 2788646

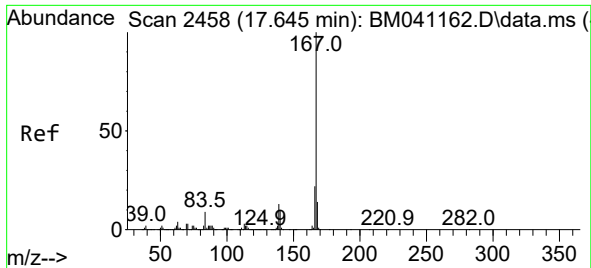
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.4 12.4 18.6

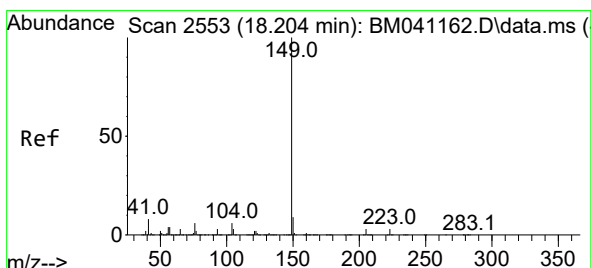
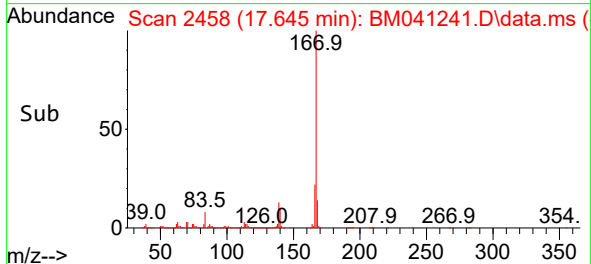
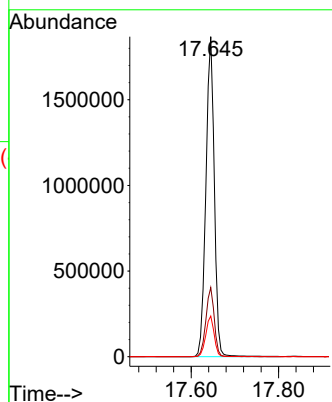
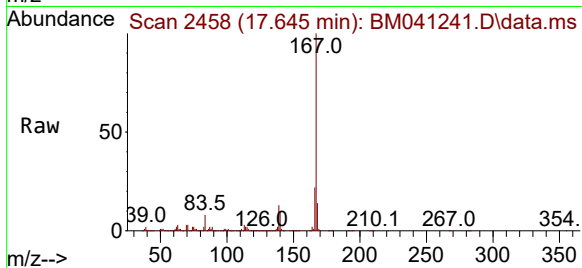




#73
 Carbazole
 Concen: 50.296 ng
 RT: 17.645 min Scan# 2458
 Delta R.T. 0.006 min
 Lab File: BM041241.D
 Acq: 02 Aug 2023 12:48

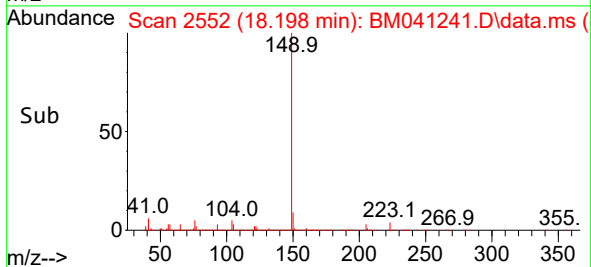
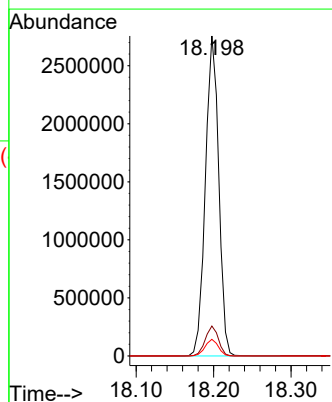
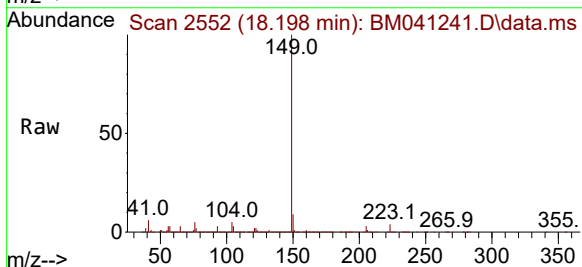
Instrument :
 BNA_M
 ClientSampleId :
 B-P3BMSD

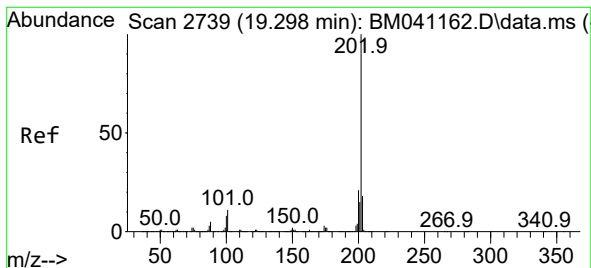
Tgt Ion:167 Resp: 2507619
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 58.299 ng
 RT: 18.198 min Scan# 2552
 Delta R.T. -0.000 min
 Lab File: BM041241.D
 Acq: 02 Aug 2023 12:48

Tgt Ion:149 Resp: 3284546
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.2 4.5 6.7

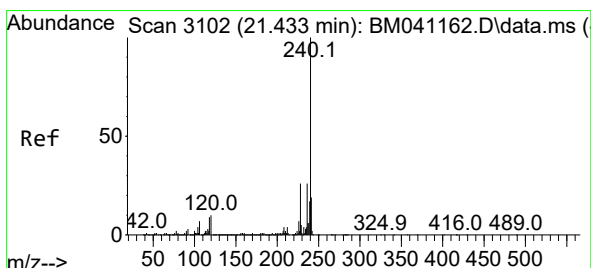
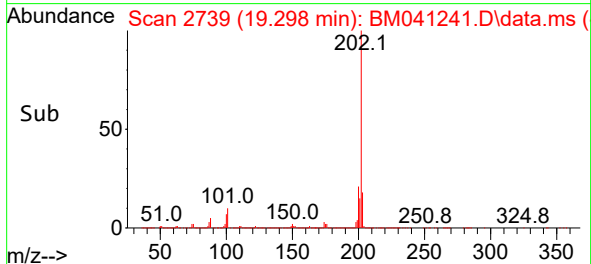
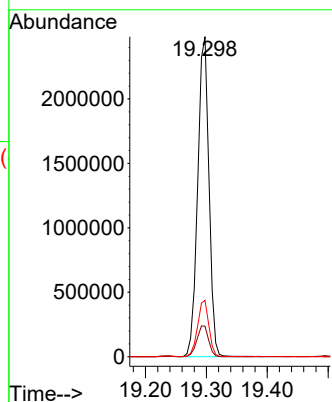
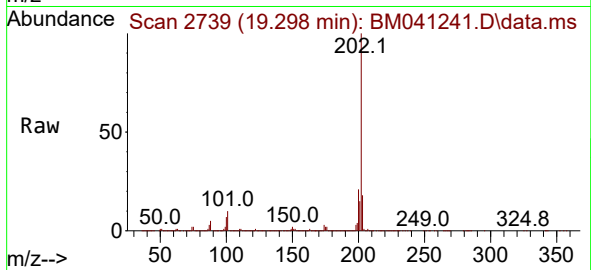




#75
Fluoranthene
Concen: 51.009 ng
RT: 19.298 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

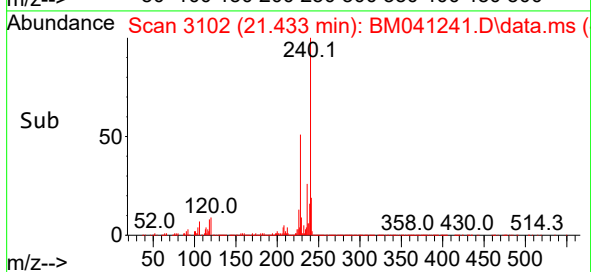
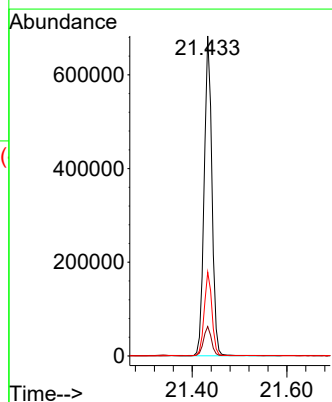
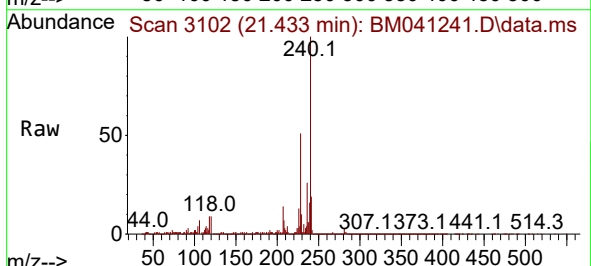
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

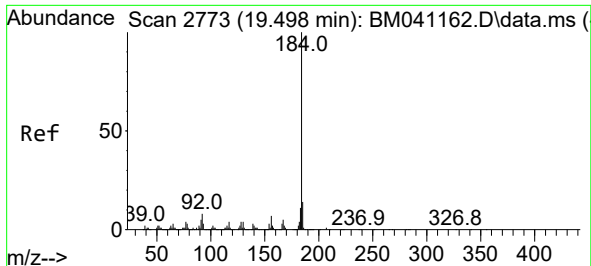
Tgt Ion:202 Resp: 3191857
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.8
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:240 Resp: 772977
Ion Ratio Lower Upper
240 100
120 9.2 8.3 12.5
236 26.2 20.6 30.8

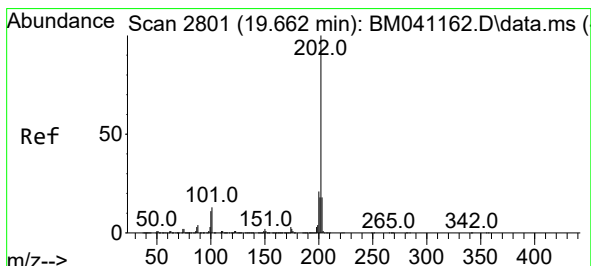
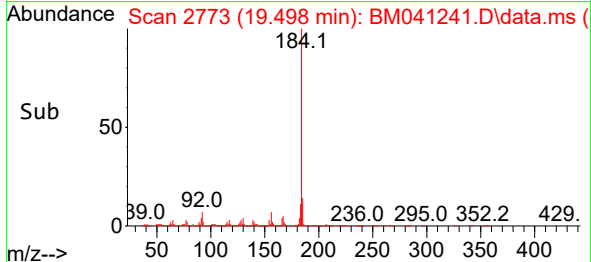
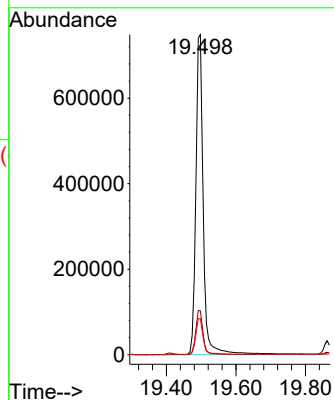
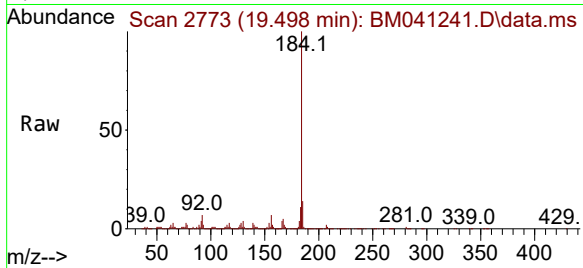




#77
Benzidine
Concen: 105.144 ng
RT: 19.498 min Scan# 2773
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

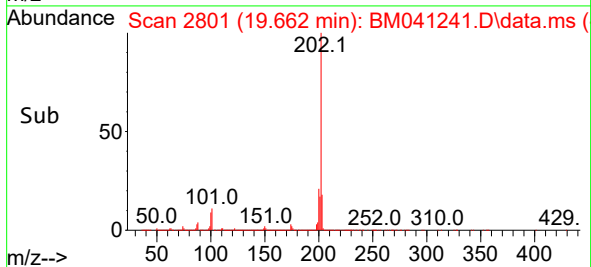
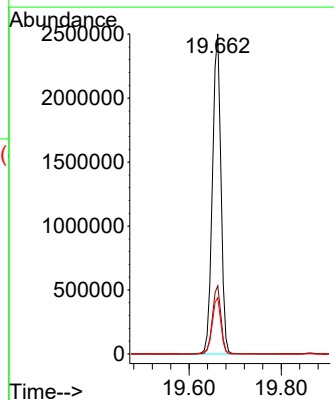
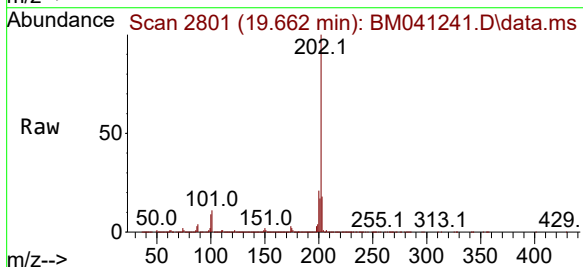
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

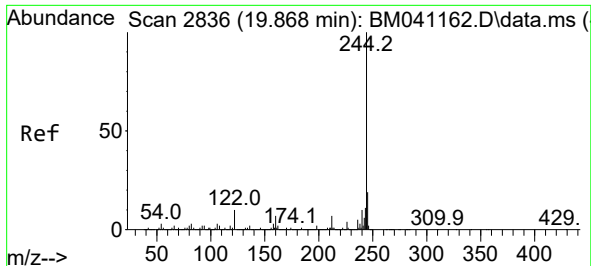
Tgt Ion:184 Resp: 1107752
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.0
183 11.3 9.2 13.8



#78
Pyrene
Concen: 59.476 ng
RT: 19.662 min Scan# 2801
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:202 Resp: 3214970
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.6 14.1 21.1

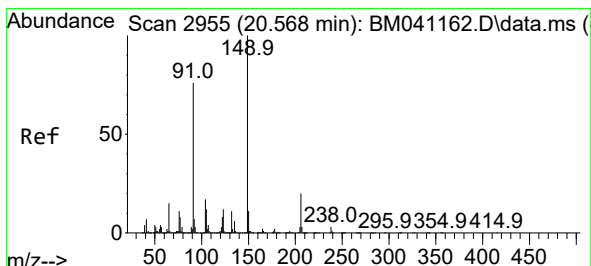
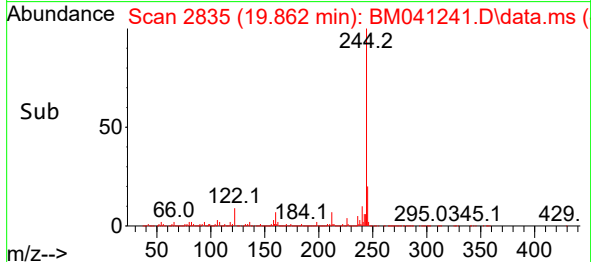
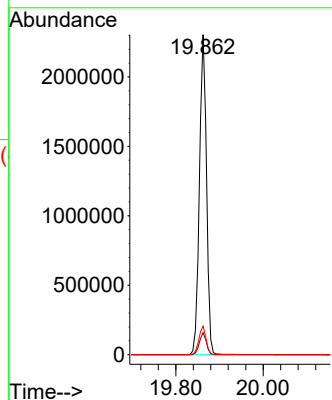
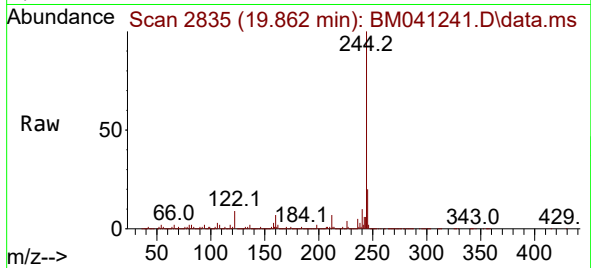




#79
 Terphenyl-d14
 Concen: 60.747 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041241.D
 Acq: 02 Aug 2023 12:48

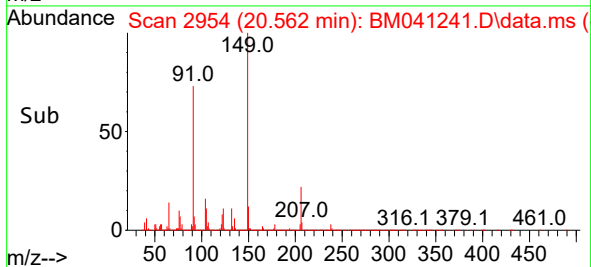
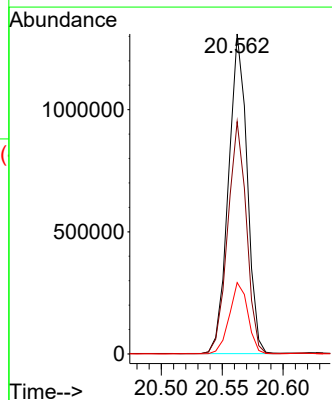
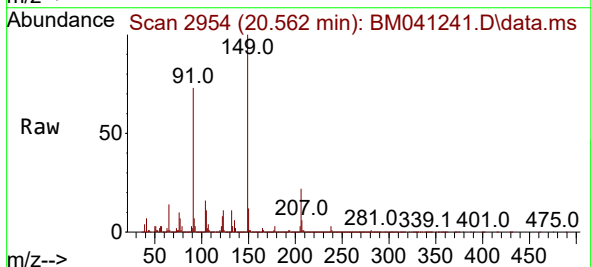
Instrument :
 BNA_M
 ClientSampleId :
 B-P3BMSD

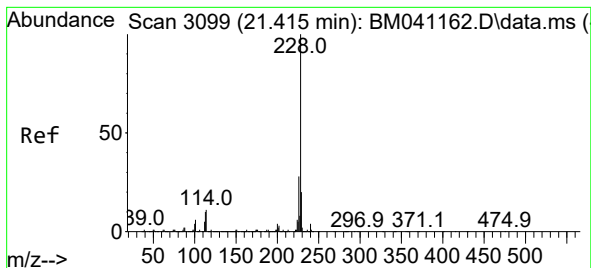
Tgt Ion:244 Resp: 2597065
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 8.9 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 70.648 ng
 RT: 20.562 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: BM041241.D
 Acq: 02 Aug 2023 12:48

Tgt Ion:149 Resp: 1394585
 Ion Ratio Lower Upper
 149 100
 91 72.6 60.8 91.2
 206 22.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 53.838 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

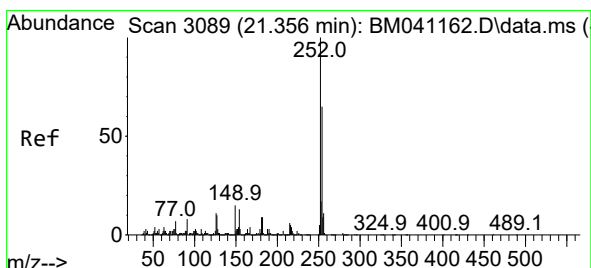
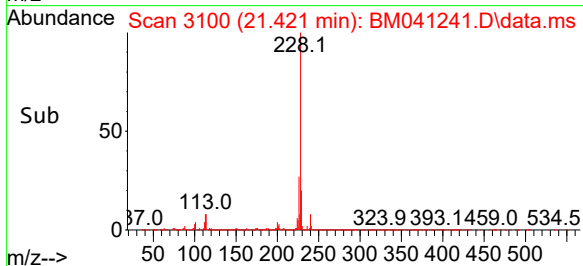
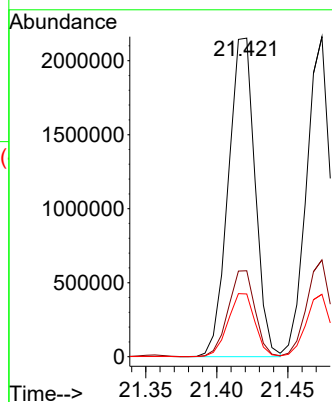
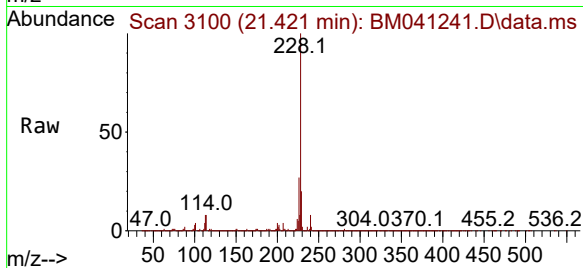
Tgt Ion:228 Resp: 2821183

Ion Ratio Lower Upper

228 100

226 27.0 22.4 33.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 49.448 ng

RT: 21.356 min Scan# 3089

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

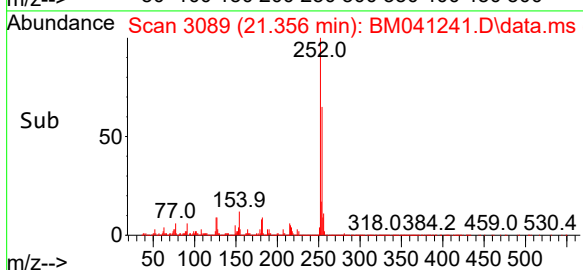
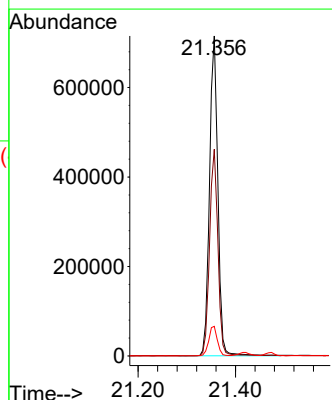
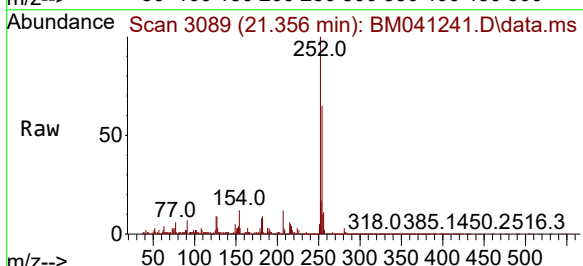
Tgt Ion:252 Resp: 845525

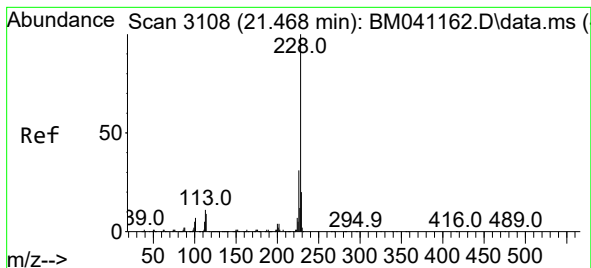
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 9.3 8.6 13.0





#83

Chrysene

Concen: 49.946 ng

RT: 21.474 min Scan# 3108

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

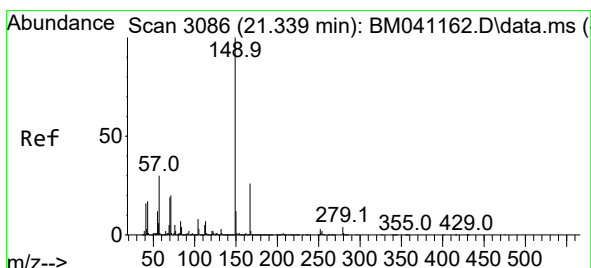
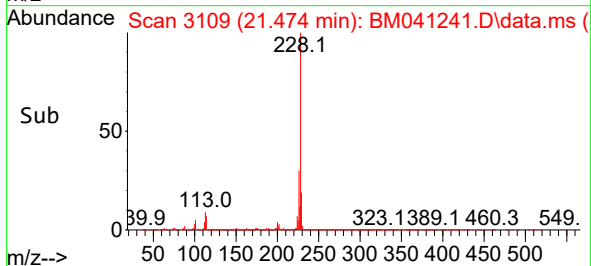
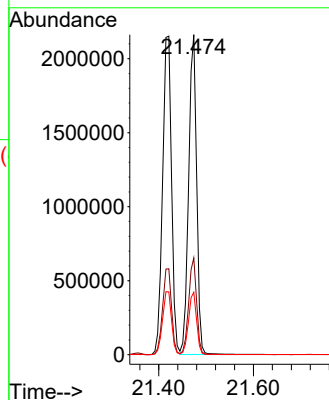
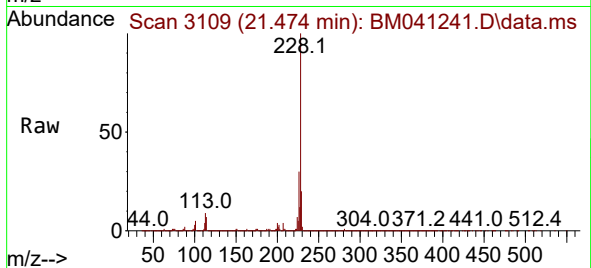
Tgt Ion:228 Resp: 2531498

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.525 ng

RT: 21.339 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

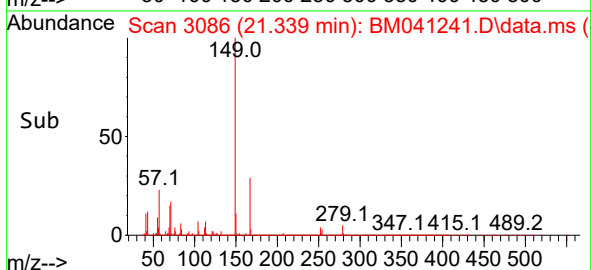
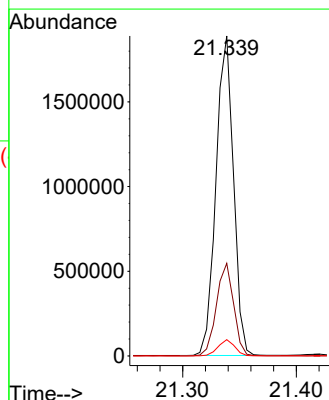
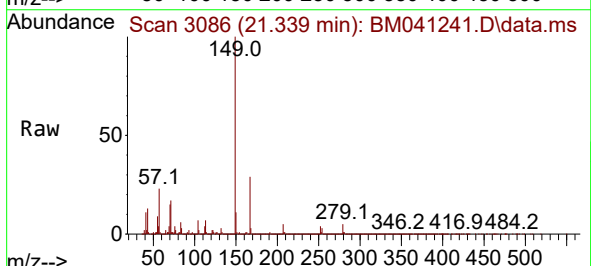
Tgt Ion:149 Resp: 2018585

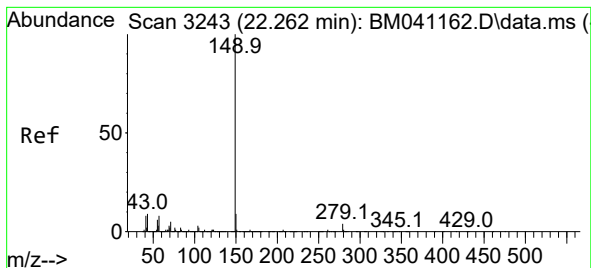
Ion Ratio Lower Upper

149 100

167 28.9 21.0 31.6

279 5.1 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 64.491 ng

RT: 22.256 min Scan# 3242

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

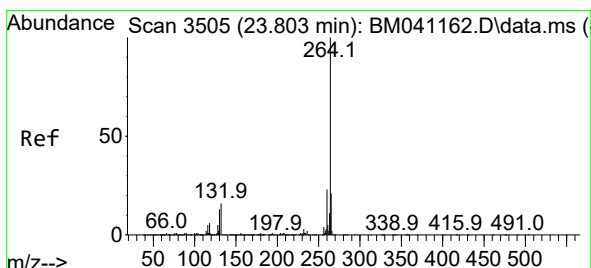
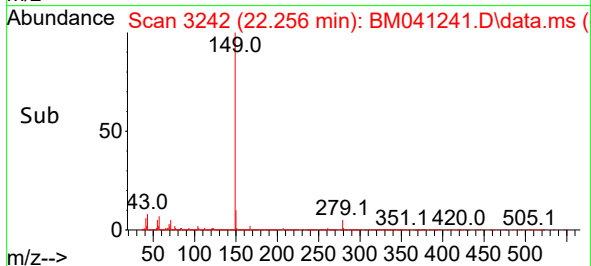
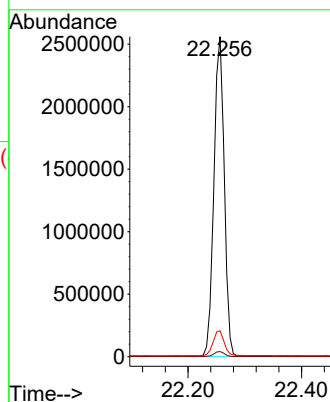
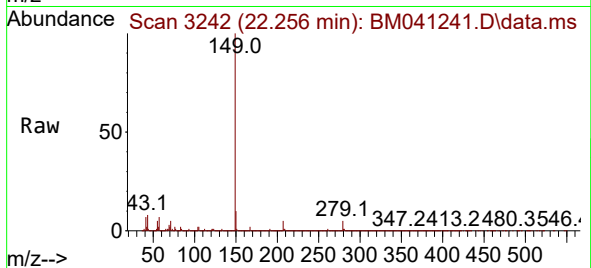
Tgt Ion:149 Resp: 3217411

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.5 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: BM041241.D

Acq: 02 Aug 2023 12:48

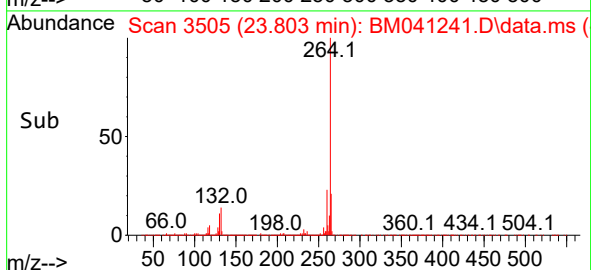
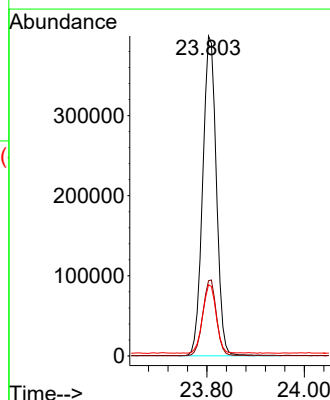
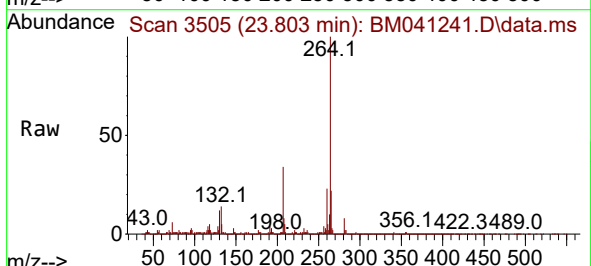
Tgt Ion:264 Resp: 774558

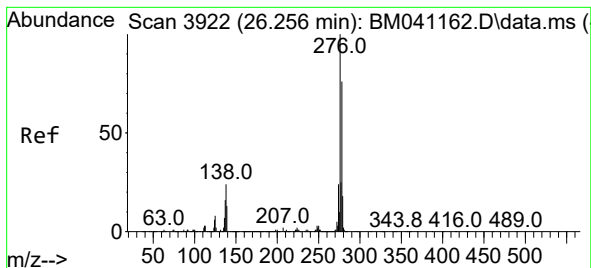
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.605 ng

RT: 26.268 min Scan# 3924

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

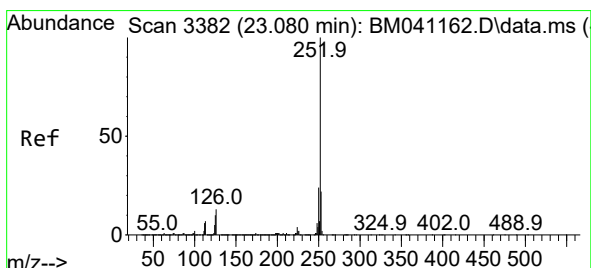
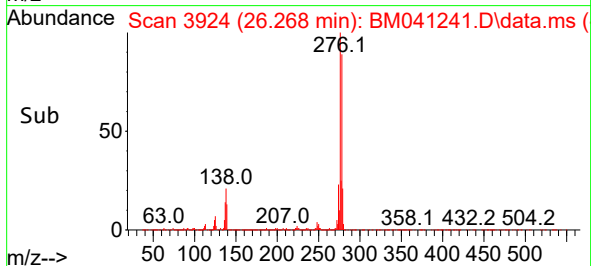
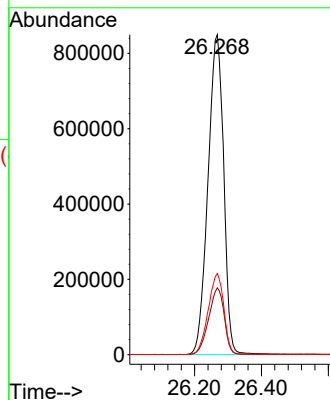
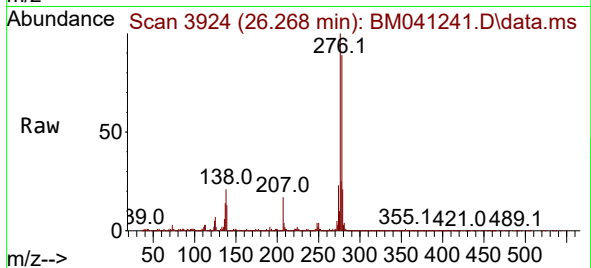
Tgt Ion:276 Resp: 2767863

Ion Ratio Lower Upper

276 100

138 20.6 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 54.182 ng

RT: 23.086 min Scan# 3383

Delta R.T. -0.000 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

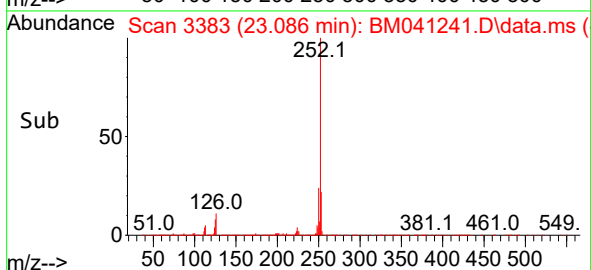
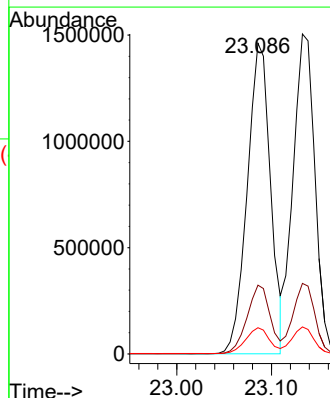
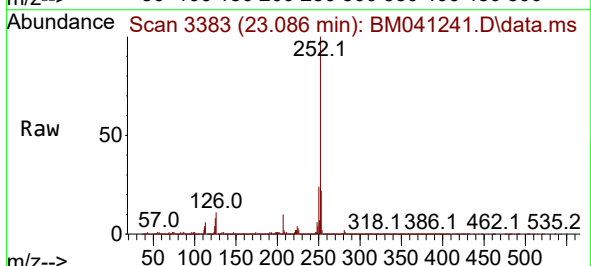
Tgt Ion:252 Resp: 2493109

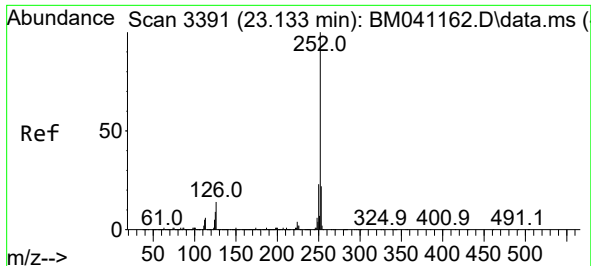
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.5 8.2 12.4

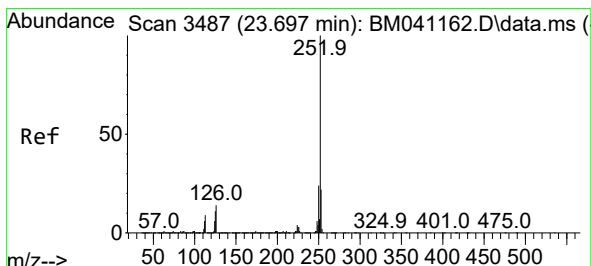
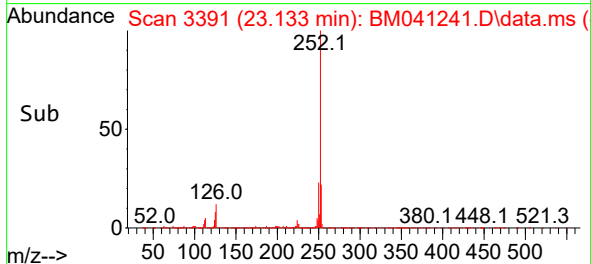
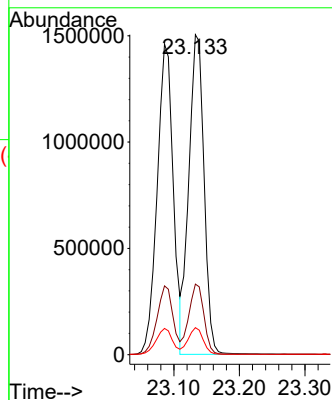
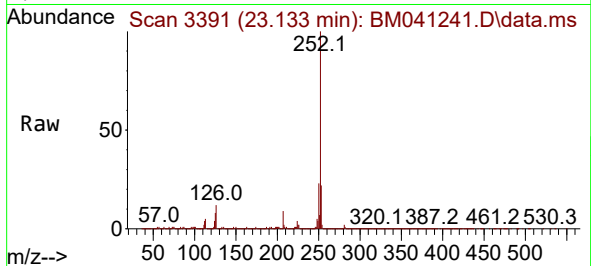




#89
Benzo(k)fluoranthene
Concen: 51.324 ng
RT: 23.133 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

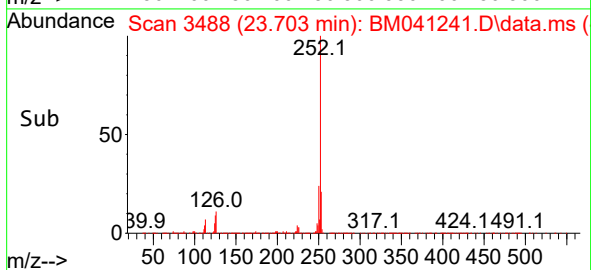
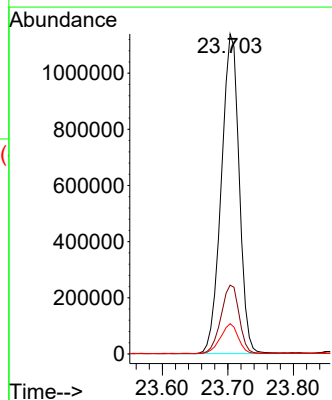
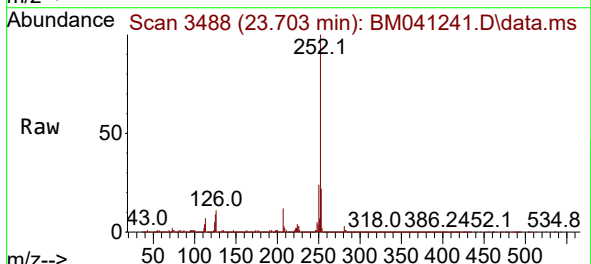
Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

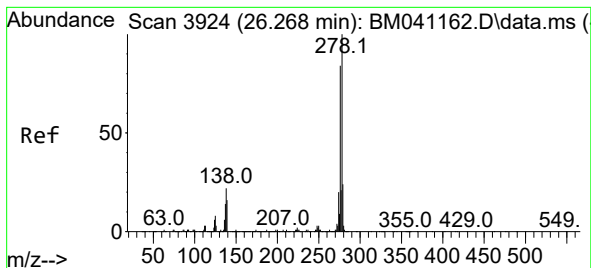
Tgt Ion:252 Resp: 2415707
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.5 7.6 11.4



#90
Benzo(a)pyrene
Concen: 48.617 ng
RT: 23.703 min Scan# 3488
Delta R.T. 0.006 min
Lab File: BM041241.D
Acq: 02 Aug 2023 12:48

Tgt Ion:252 Resp: 2149463
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 49.295 ng

RT: 26.280 min Scan# 3924

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Instrument :

BNA_M

ClientSampleId :

B-P3BMSD

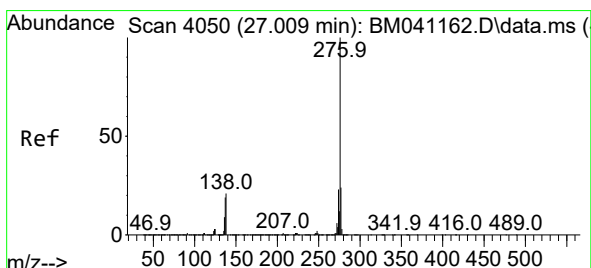
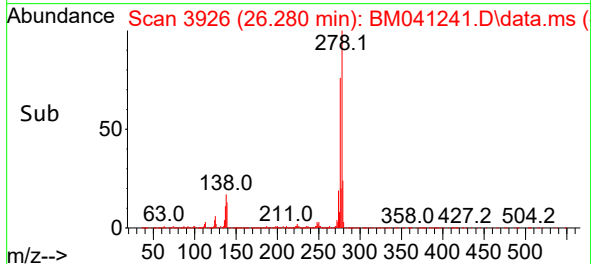
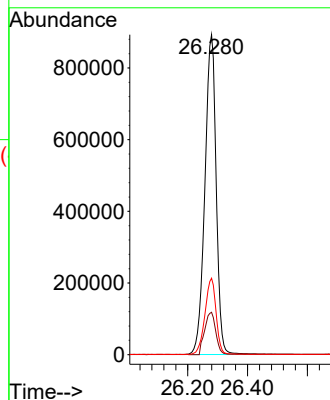
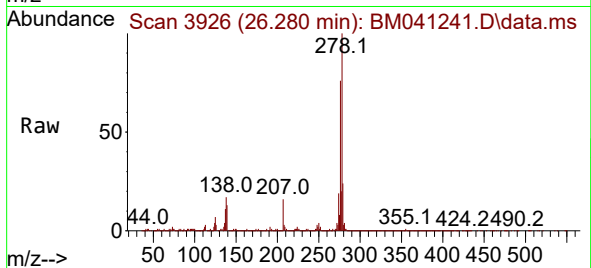
Tgt Ion:278 Resp: 2341409

Ion Ratio Lower Upper

278 100

139 13.2 12.7 19.1

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.327 ng

RT: 27.021 min Scan# 4052

Delta R.T. 0.006 min

Lab File: BM041241.D

Acq: 02 Aug 2023 12:48

Tgt Ion:276 Resp: 2153107

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 18.0 17.1 25.7

