

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044087.D
 Acq On : 14 Feb 2024 17:50
 Operator : MA/JU
 Sample : P1423-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3MSD

Quant Time: Feb 15 01:02:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	523550	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2197898	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1159919	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2132752	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1490957	20.000	ng	0.00
86) Perylene-d12	23.897	264	1718554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	4663808	129.561	ng	0.00
7) Phenol-d6	7.081	99	5432379	118.610	ng	0.00
23) Nitrobenzene-d5	9.080	82	3626993	87.566	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1329803	105.887	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	6973173	84.845	ng	0.00
79) Terphenyl-d14	19.944	244	7249329	85.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.404	88	529626	37.073	ng	# 33
3) Pyridine	3.798	79	1320903	35.022	ng	100
4) n-Nitrosodimethylamine	3.710	42	664453	46.432	ng	99
6) Aniline	7.239	93	982911	21.827	ng	99
8) 2-Chlorophenol	7.469	128	1865171	49.618	ng	98
9) Benzaldehyde	7.051	77	217639	9.247	ng	99
10) Phenol	7.104	94	2040449	44.143	ng	99
11) bis(2-Chloroethyl)ether	7.339	93	1766469	46.149	ng	99
12) 1,3-Dichlorobenzene	7.792	146	1665102	39.014	ng	98
13) 1,4-Dichlorobenzene	7.939	146	1698795	39.488	ng	99
14) 1,2-Dichlorobenzene	8.251	146	1657334	40.430	ng	99
15) Benzyl Alcohol	8.157	79	1523726	51.095	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.433	45	2140951	44.121	ng	99
17) 2-Methylphenol	8.351	107	1466300	48.325	ng	98
18) Hexachloroethane	8.975	117	640679	39.774	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	1285936	45.724	ng	99
20) 3+4-Methylphenols	8.686	107	1993621	47.739	ng	99
22) Acetophenone	8.739	105	2560325	45.893	ng	# 99
24) Nitrobenzene	9.122	77	1834250	43.245	ng	98
25) Isophorone	9.645	82	3627086	45.477	ng	100
26) 2-Nitrophenol	9.822	139	923897	46.981	ng	99
27) 2,4-Dimethylphenol	9.886	122	1386494	55.139	ng	98
28) bis(2-Chloroethoxy)met...	10.133	93	2372532	45.996	ng	100
29) 2,4-Dichlorophenol	10.357	162	1602661	48.410	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	1508080	40.511	ng	99
31) Naphthalene	10.757	128	5085990	41.927	ng	100
32) Benzoic acid	9.975	122	230594	9.104	ng	97
33) 4-Chloroaniline	10.874	127	341404	7.432	ng	99
34) Hexachlorobutadiene	11.027	225	791482	37.145	ng	99
35) Caprolactam	11.680	113	393653	36.952	ng	93
36) 4-Chloro-3-methylphenol	12.004	107	1653818	46.134	ng	99
37) 2-Methylnaphthalene	12.368	142	3430477	42.455	ng	98
38) 1-Methylnaphthalene	12.586	142	3258520	41.040	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	1535109	45.532	ng	99
41) Hexachlorocyclopentadiene	12.704	237	1342504	91.242	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	1114170	48.559	ng	99

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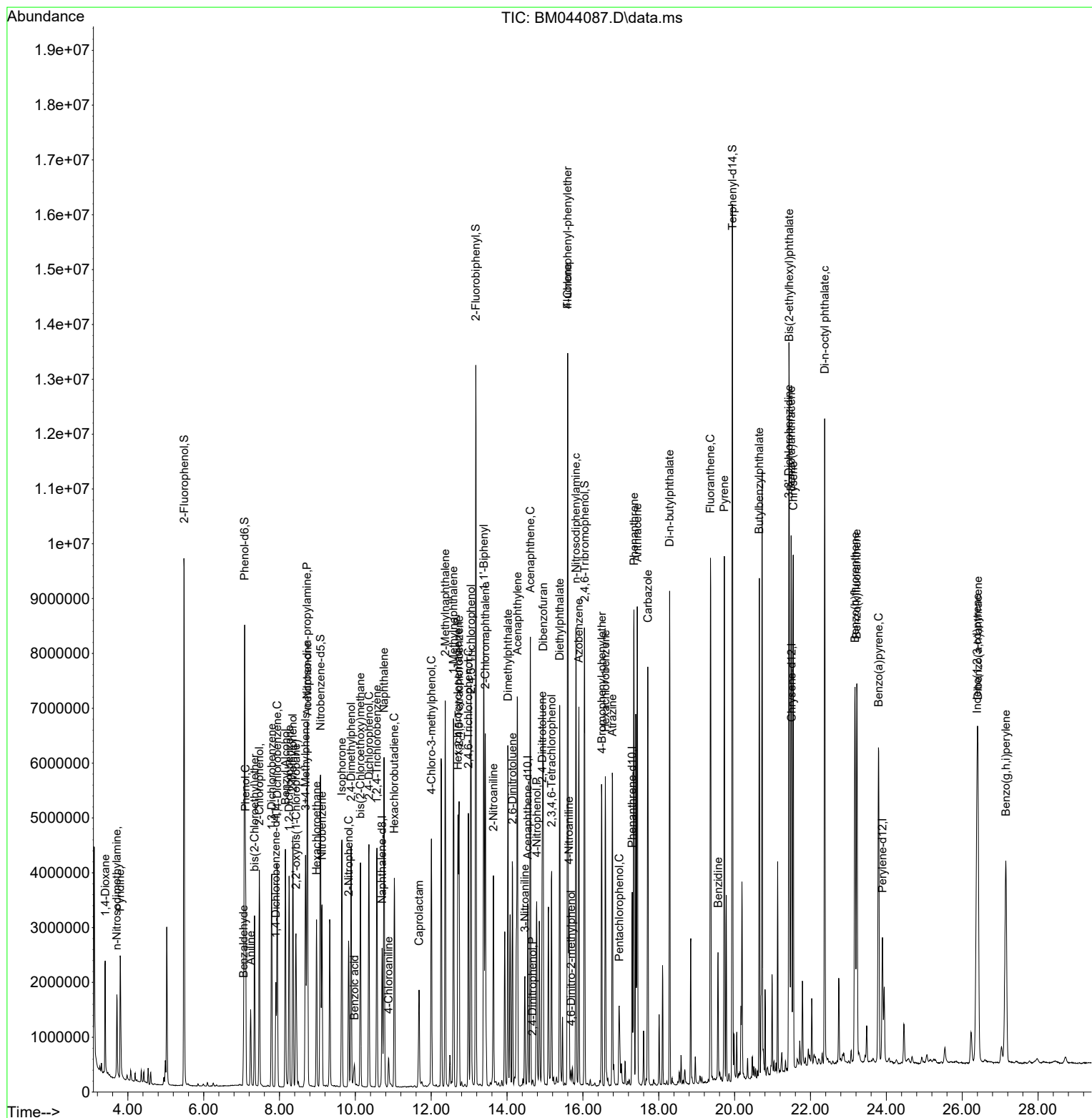
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	1166799	46.339	ng	97
46) 1,1'-Biphenyl	13.386	154	4326378	47.269	ng	100
47) 2-Chloronaphthalene	13.427	162	3314064	45.710	ng	100
48) 2-Nitroaniline	13.639	65	1041769	51.076	ng	98
49) Acenaphthylene	14.274	152	5344754	49.413	ng	99
50) Dimethylphthalate	14.021	163	3971987	46.185	ng	99
51) 2,6-Dinitrotoluene	14.145	165	864078	45.540	ng	99
52) Acenaphthene	14.615	154	3053626	45.615	ng	99
53) 3-Nitroaniline	14.468	138	539208	26.443	ng	97
54) 2,4-Dinitrophenol	14.674	184	28647	7.927	ng	97
55) Dibenzofuran	14.951	168	4715664	45.512	ng	98
56) 4-Nitrophenol	14.780	139	1149809	69.364	ng	97
57) 2,4-Dinitrotoluene	14.927	165	1140222	45.978	ng	99
58) Fluorene	15.598	166	3566262	44.542	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	774418	39.195	ng	96
60) Diethylphthalate	15.386	149	4050784	45.575	ng	99
61) 4-Chlorophenyl-phenylether	15.598	204	1661522	42.828	ng	97
62) 4-Nitroaniline	15.633	138	905318	44.105	ng	98
63) Azobenzene	15.892	77	4010927	48.099	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	55156	4.340	ng	97
66) n-Nitrosodiphenylamine	15.815	169	3258450	50.288	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	1002280	47.532	ng	99
68) Hexachlorobenzene	16.592	284	1132054	43.827	ng	97
69) Atrazine	16.780	200	988176	56.323	ng	98
70) Pentachlorophenol	16.956	266	380590	22.650	ng	99
71) Phenanthrene	17.345	178	5375881	47.733	ng	100
72) Anthracene	17.433	178	5427901	48.682	ng	99
73) Carbazole	17.709	167	4965435	45.793	ng	99
74) Di-n-butylphthalate	18.286	149	6749075	47.885	ng	100
75) Fluoranthene	19.362	202	5553826	43.900	ng	99
77) Benzidine	19.562	184	1392414	60.095	ng	99
78) Pyrene	19.727	202	5705195	49.685	ng	100
80) Butylbenzylphthalate	20.650	149	2812357	55.100	ng	98
81) Benzo(a)anthracene	21.491	228	5021436	48.418	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1317433	38.716	ng	98
83) Chrysene	21.544	228	4730078	48.275	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	3888977	51.640	ng	100
85) Di-n-octyl phthalate	22.374	149	7008464	53.286	ng	# 88
87) Indeno(1,2,3-cd)pyrene	26.391	276	5994512	49.283	ng	99
88) Benzo(b)fluoranthene	23.174	252	5170630	48.131	ng	99
89) Benzo(k)fluoranthene	23.221	252	4900694	48.008	ng	99
90) Benzo(a)pyrene	23.797	252	4705130	50.143	ng	99
91) Dibenzo(a,h)anthracene	26.415	278	4970427	48.853	ng	99
92) Benzo(g,h,i)perylene	27.150	276	4877782	47.273	ng	99

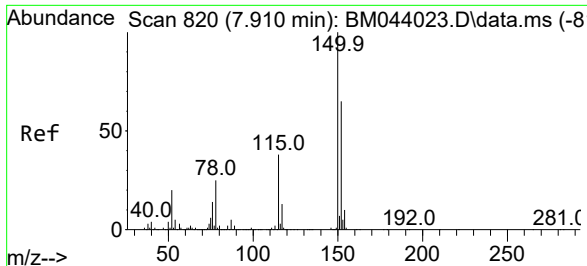
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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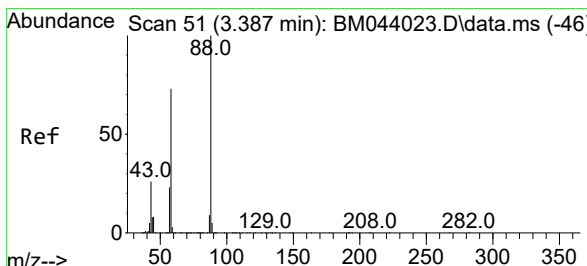
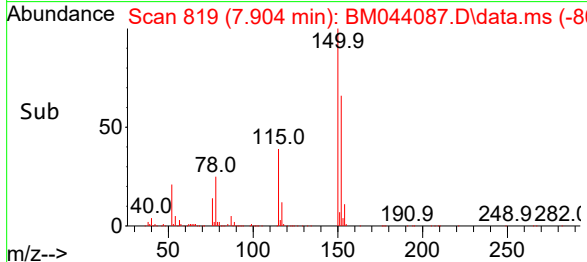
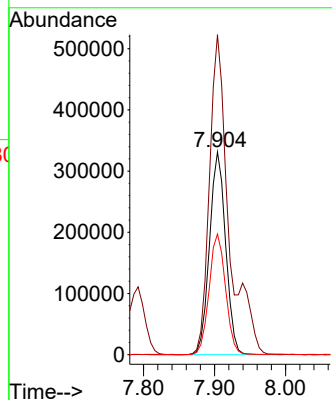
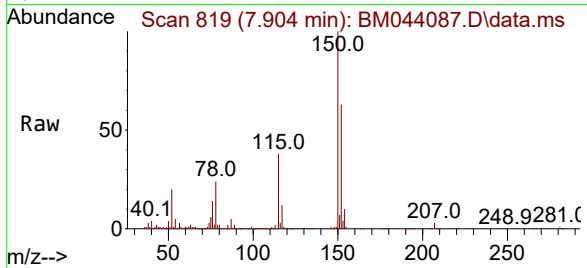




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044087.D
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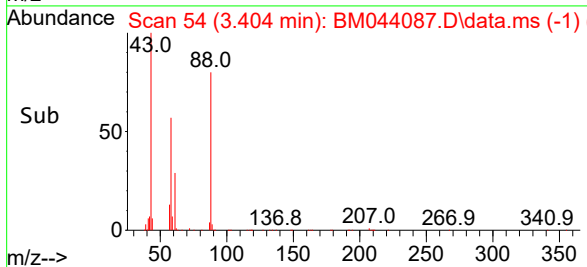
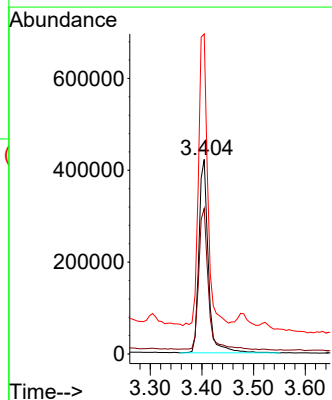
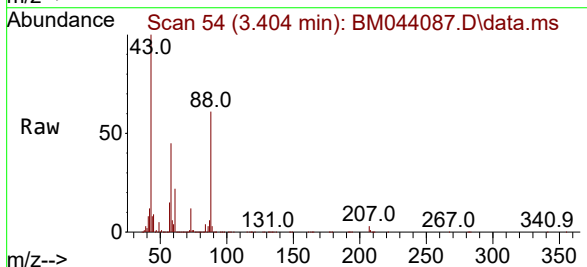
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

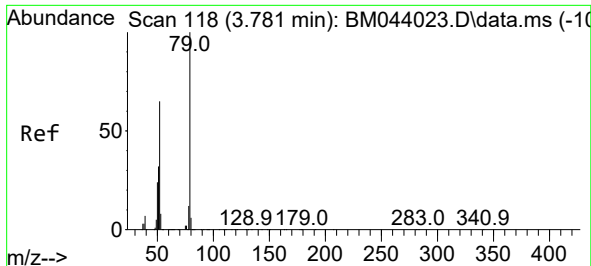
Tgt Ion:152 Resp: 523550
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 59.6 47.0 70.6



#2
1,4-Dioxane
Concen: 37.073 ng
RT: 3.404 min Scan# 54
Delta R.T. 0.018 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 88 Resp: 529626
Ion Ratio Lower Upper
88 100
58 73.9 58.1 87.1
43 152.9 21.1 31.7#

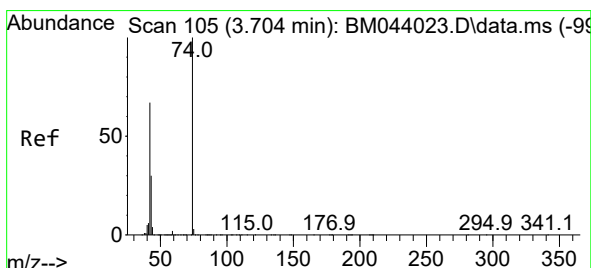
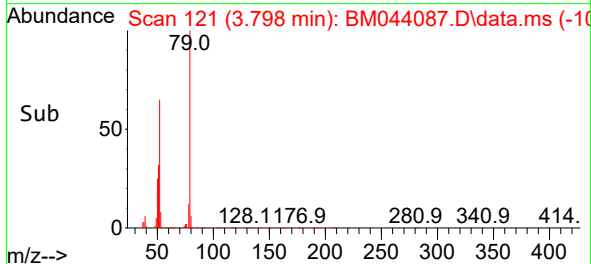
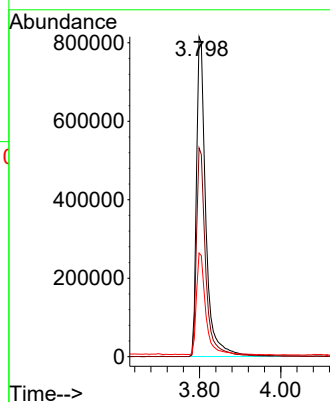
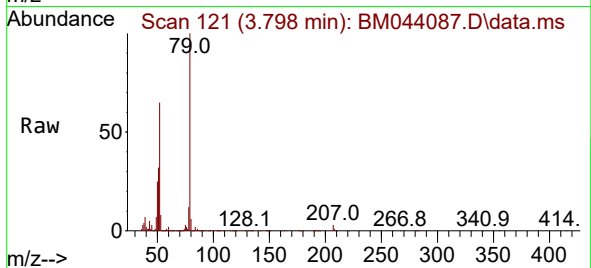




#3
 Pyridine
 Concen: 35.022 ng
 RT: 3.798 min Scan# 118
 Delta R.T. 0.018 min
 Lab File: BM044087.D
 Acq: 14 Feb 2024 17:50

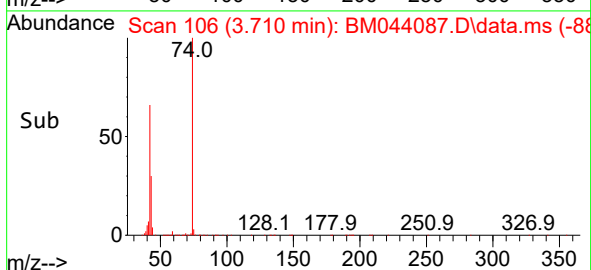
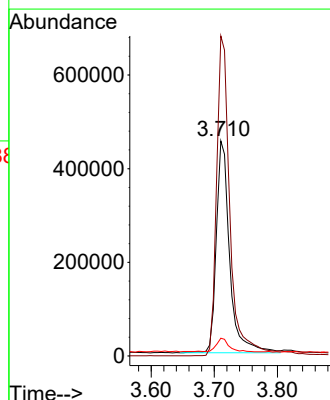
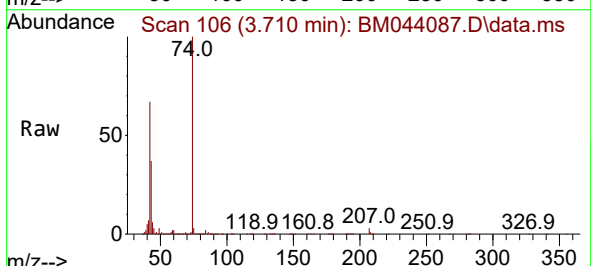
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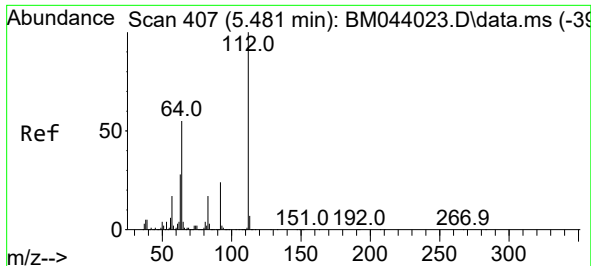
Tgt Ion: 79 Resp: 1320903
 Ion Ratio Lower Upper
 79 100
 52 65.3 52.2 78.2
 51 32.4 26.2 39.4



#4
 n-Nitrosodimethylamine
 Concen: 46.432 ng
 RT: 3.710 min Scan# 106
 Delta R.T. 0.006 min
 Lab File: BM044087.D
 Acq: 14 Feb 2024 17:50

Tgt Ion: 42 Resp: 664453
 Ion Ratio Lower Upper
 42 100
 74 148.8 118.6 178.0
 44 8.3 5.6 8.4

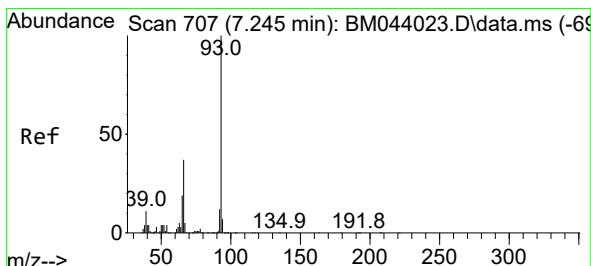
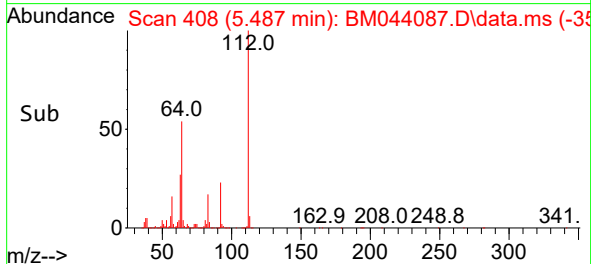
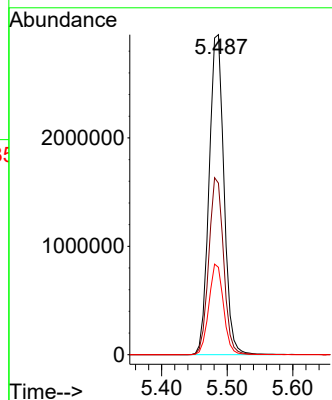
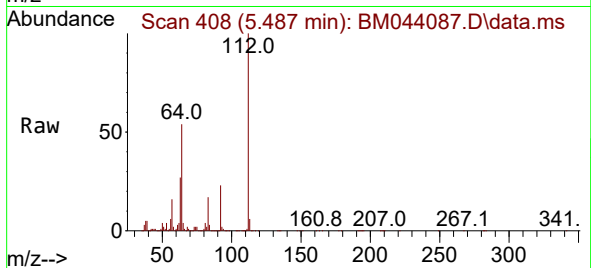




#5
2-Fluorophenol
Concen: 129.561 ng
RT: 5.487 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

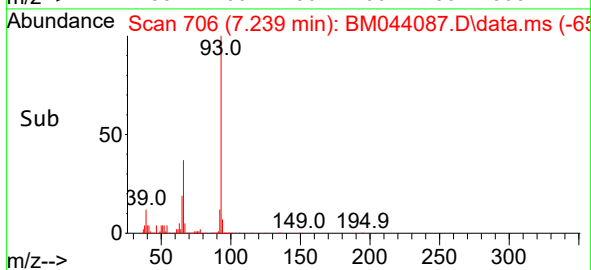
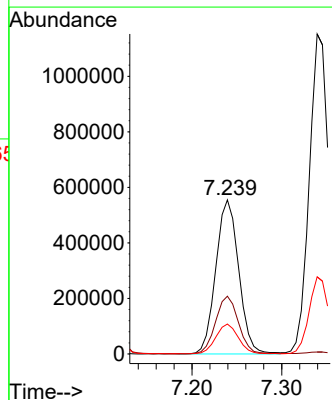
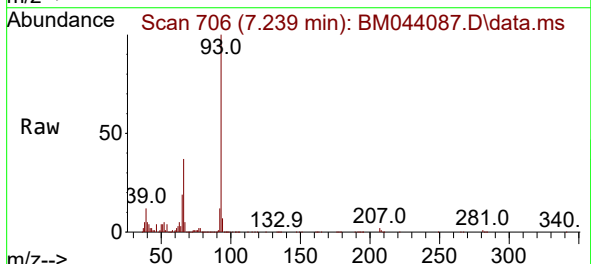
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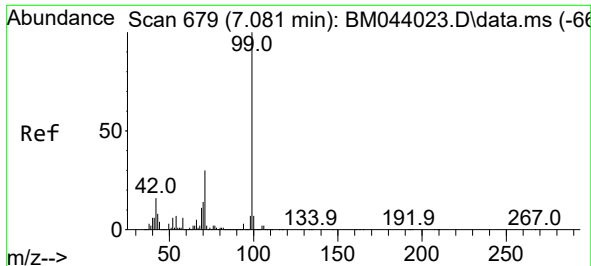
Tgt Ion:112 Resp: 4663808
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.4
63 27.3 22.6 34.0



#6
Aniline
Concen: 21.827 ng
RT: 7.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 93 Resp: 982911
Ion Ratio Lower Upper
93 100
66 37.4 29.4 44.0
65 19.4 15.2 22.8



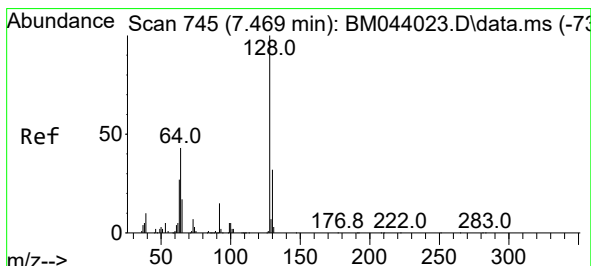
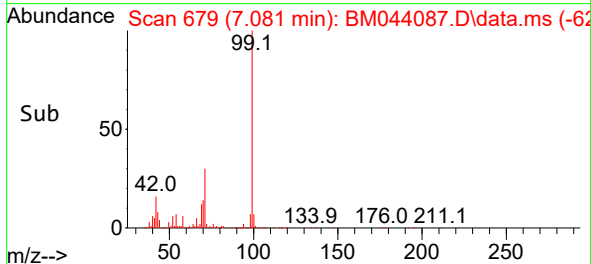
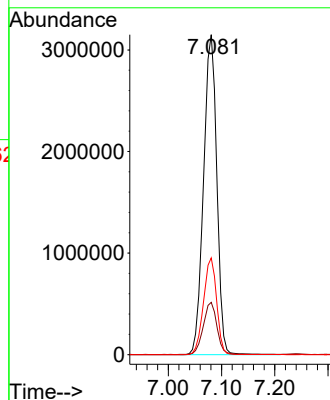
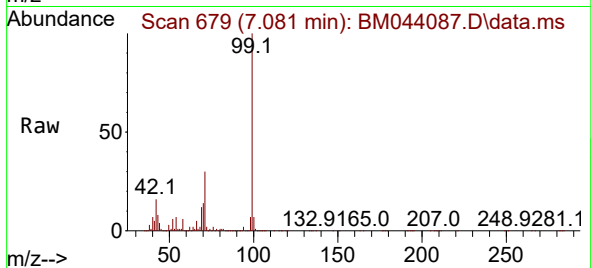


#7
Phenol-d6
Concen: 118.610 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.000 min
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Tgt Ion: 99 Resp: 5432379

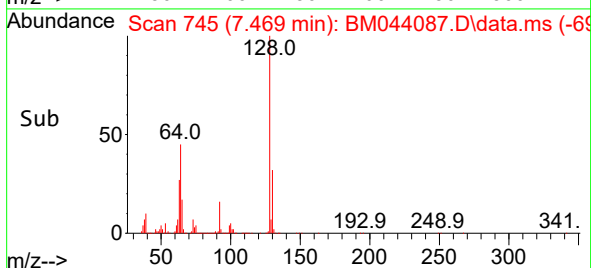
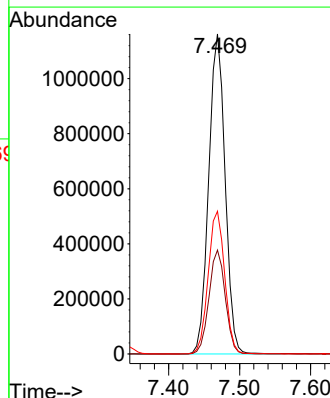
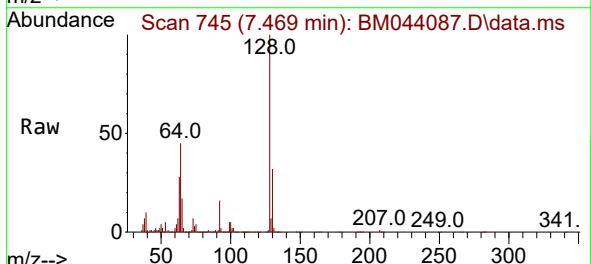
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.9	19.3
71	30.3	23.9	35.9

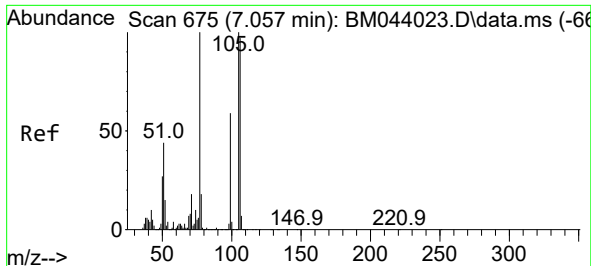


#8
2-Chlorophenol
Concen: 49.618 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:128 Resp: 1865171

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.1	52.1
64	44.6	26.0	66.0

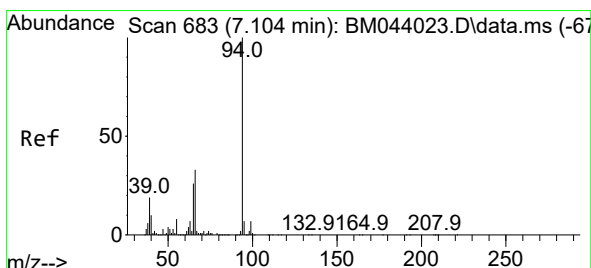
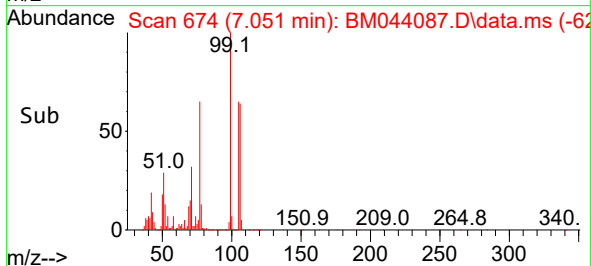
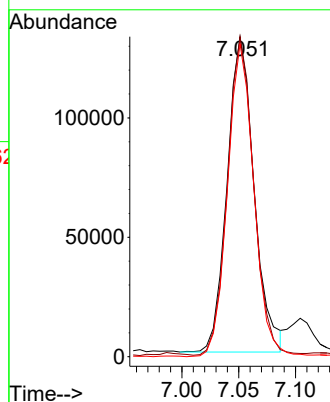
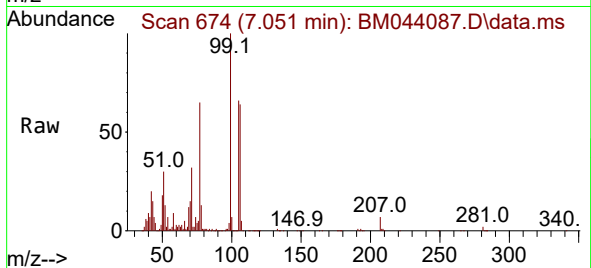




#9
Benzaldehyde
Concen: 9.247 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044087.D
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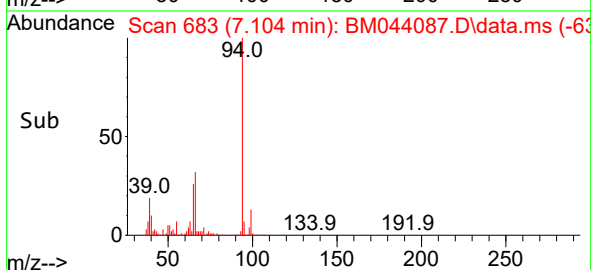
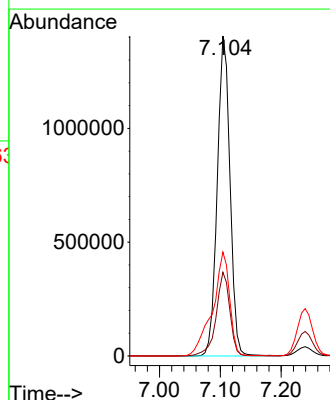
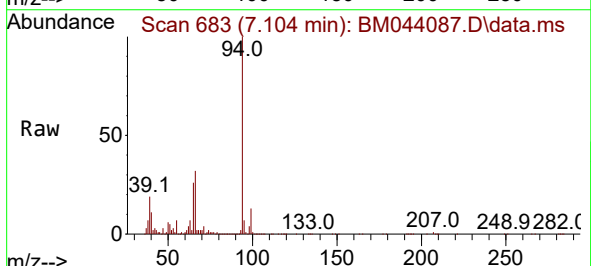
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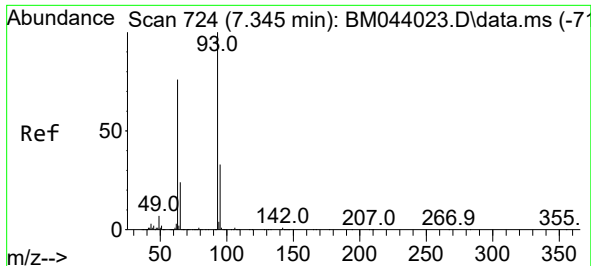
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Ion Ratio Lower Upper
77 100
105 100.1 80.0 120.0
106 97.9 76.8 116.8



#10
Phenol
Concen: 44.143 ng
RT: 7.104 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 94 Resp: 2040449
Ion Ratio Lower Upper
94 100
65 26.2 6.4 46.4
66 32.5 13.2 53.2

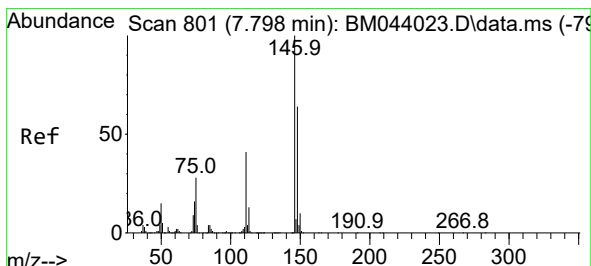
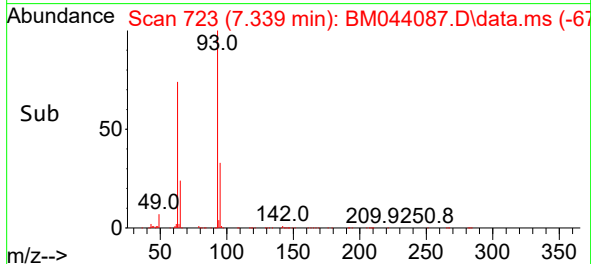
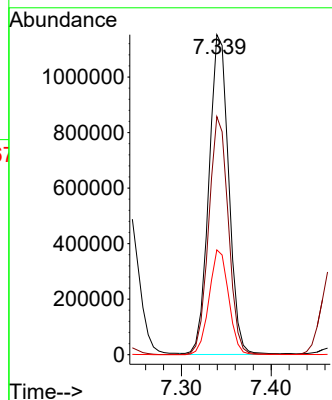
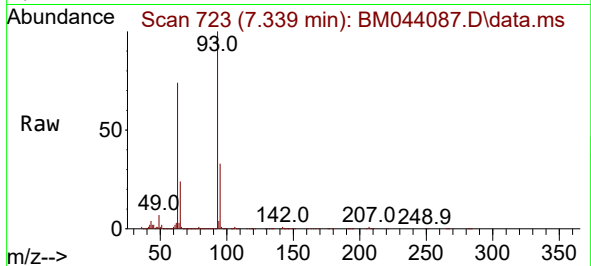




#11
bis(2-Chloroethyl)ether
Concen: 46.149 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

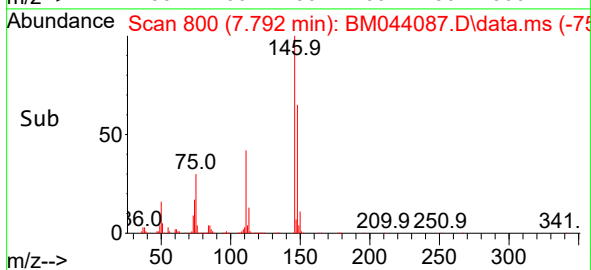
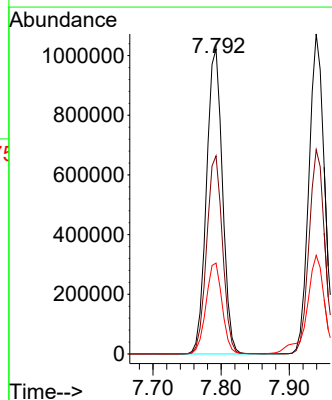
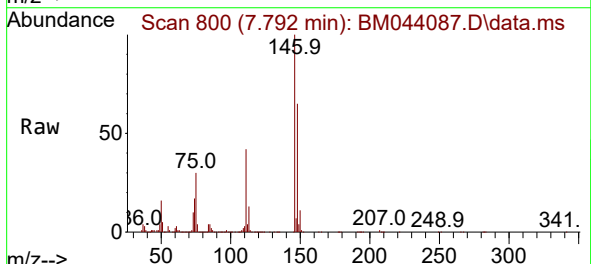
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

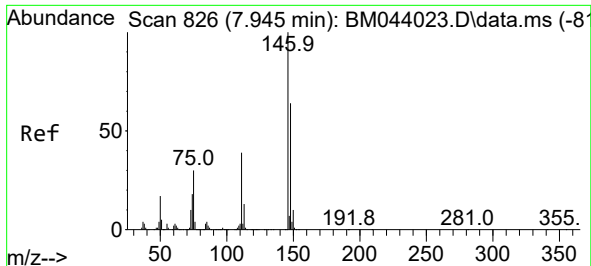
Tgt Ion: 93 Resp: 1766469
Ion Ratio Lower Upper
93 100
63 74.4 55.9 95.9
95 32.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 39.014 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:146 Resp: 1665102
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
75 29.8 22.7 34.1

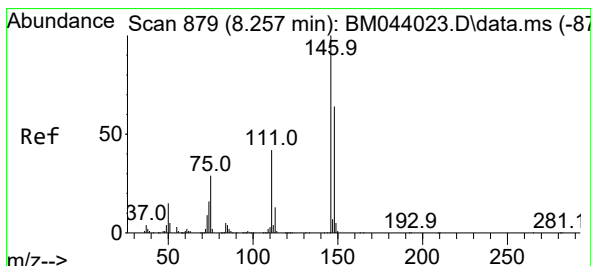
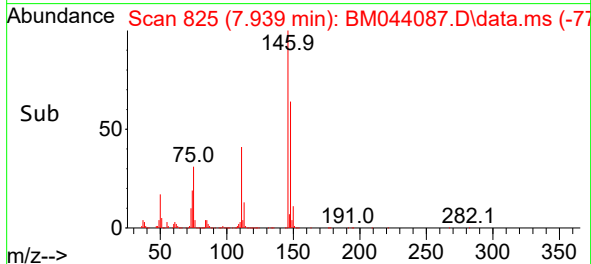
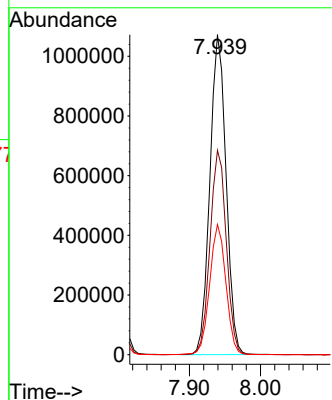
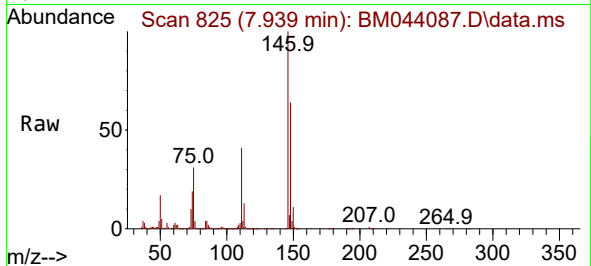




#13
1,4-Dichlorobenzene
Concen: 39.488 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

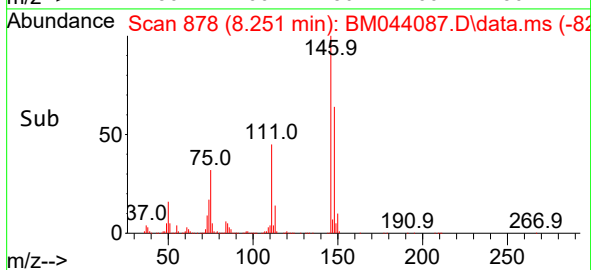
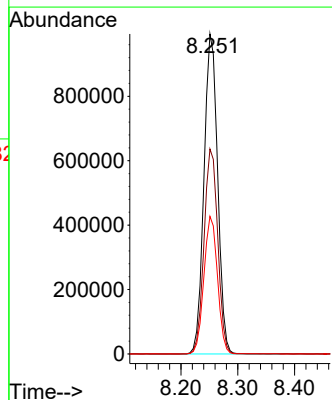
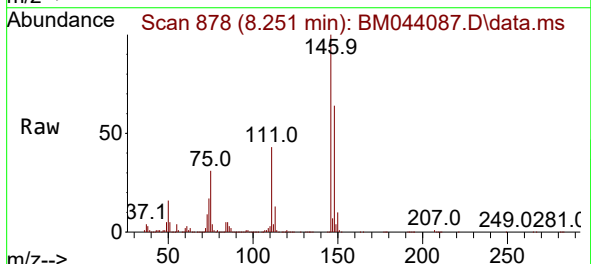
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

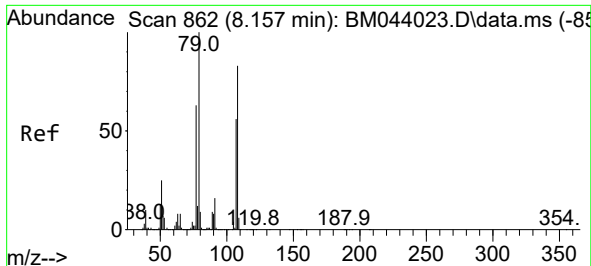
Tgt Ion:146 Resp: 1698795
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 40.7 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 40.430 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:146 Resp: 1657334
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 43.0 33.7 50.5

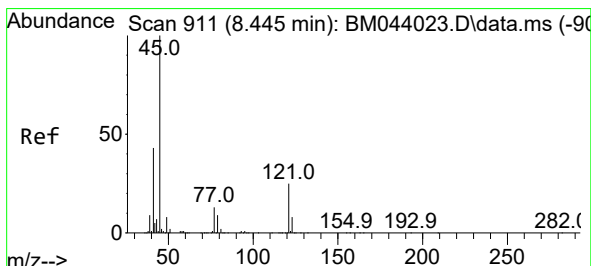
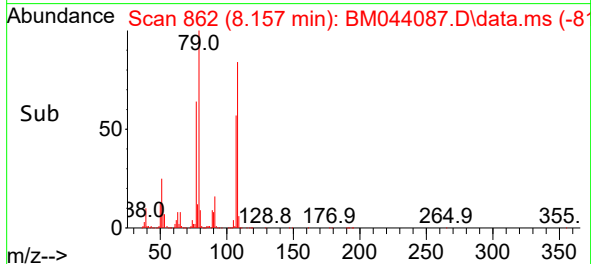
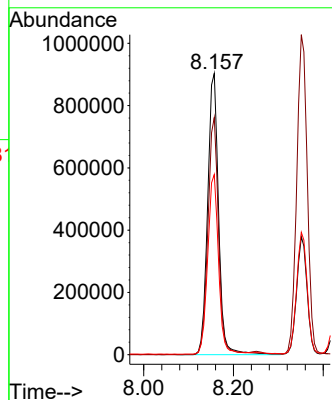
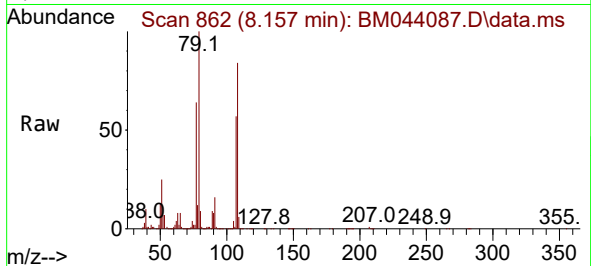




#15
Benzyl Alcohol
Concen: 51.095 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

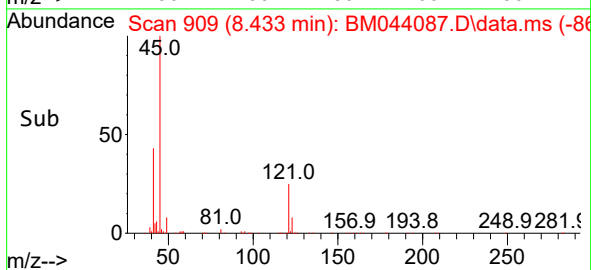
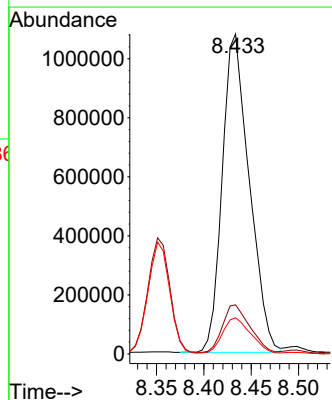
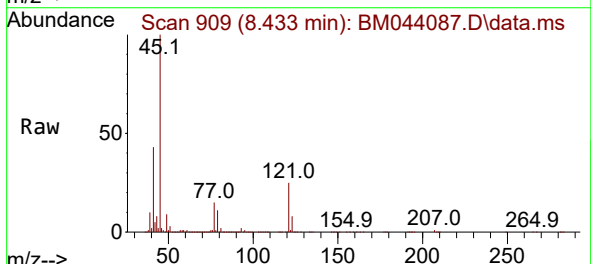
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

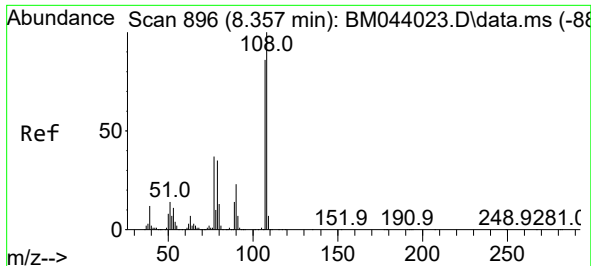
Tgt Ion: 79 Resp: 1523726
Ion Ratio Lower Upper
79 100
108 84.3 66.0 99.0
77 64.1 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.121 ng
RT: 8.433 min Scan# 909
Delta R.T. -0.012 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 45 Resp: 2140951
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.1
79 11.3 0.0 31.5

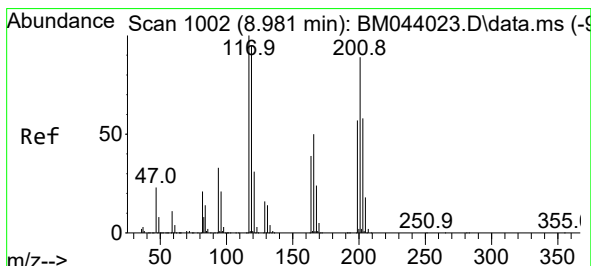
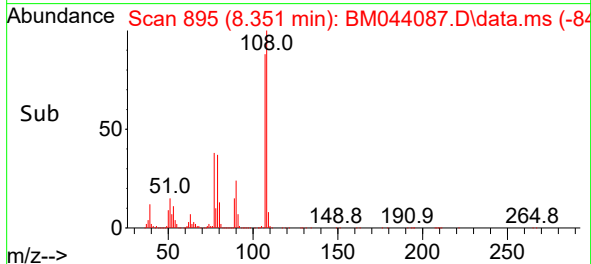
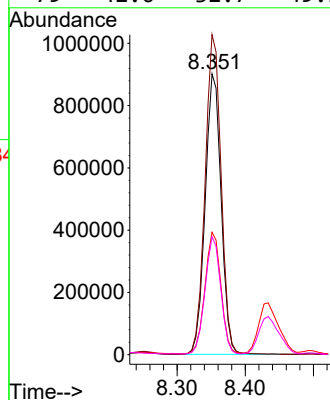
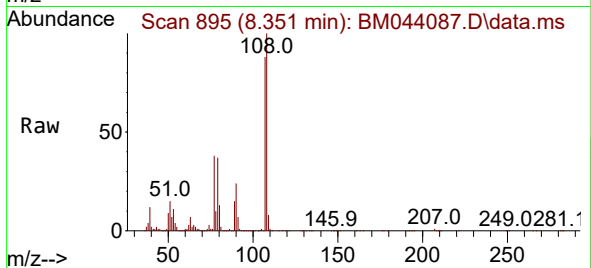




#17
2-Methylphenol
Concen: 48.325 ng
RT: 8.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

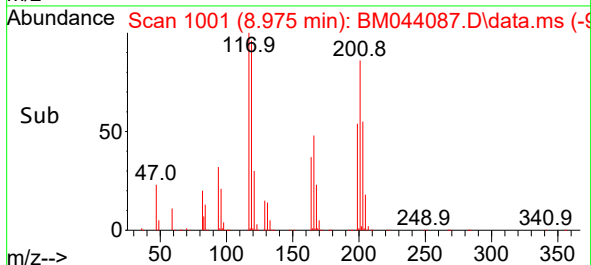
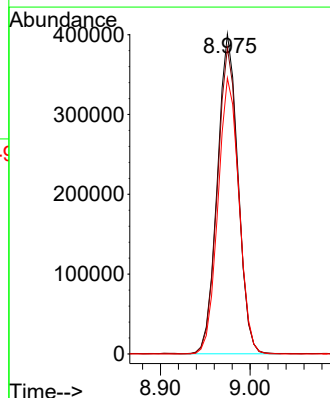
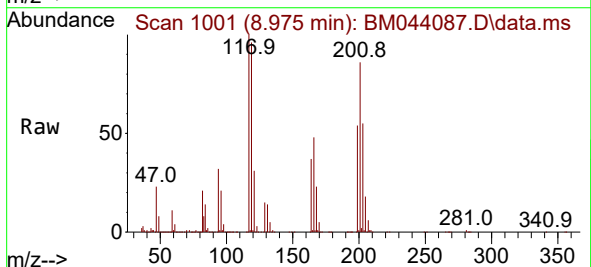
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

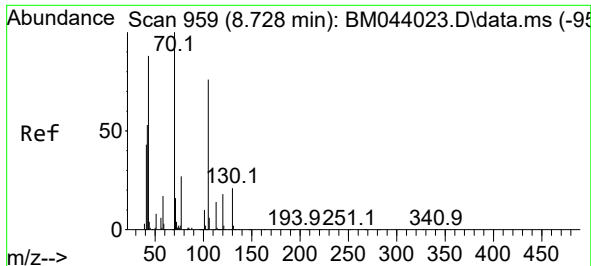
Tgt Ion:107 Resp: 1466300
Ion Ratio Lower Upper
107 100
108 113.9 93.4 140.2
77 43.6 34.7 52.1
79 42.0 32.7 49.1



#18
Hexachloroethane
Concen: 39.774 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:117 Resp: 640679
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5
201 86.2 71.5 107.3

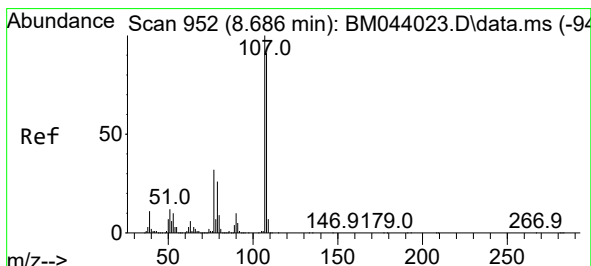
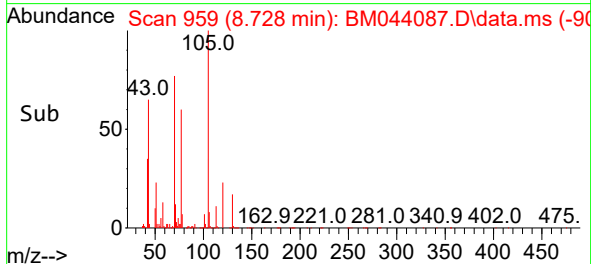
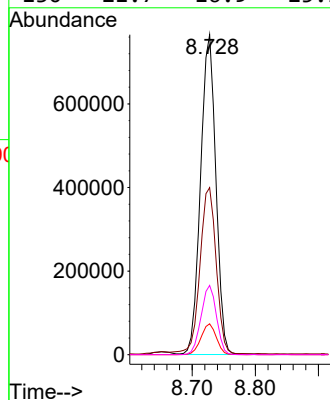
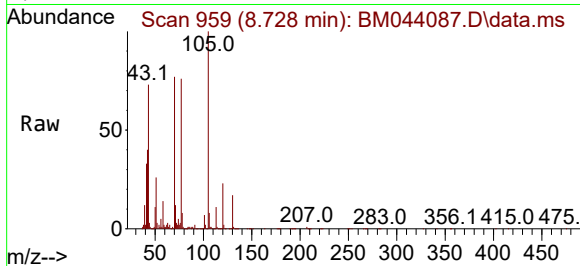




#19
n-Nitroso-di-n-propylamine
Concen: 45.724 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

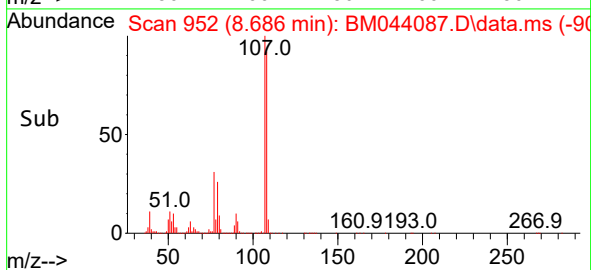
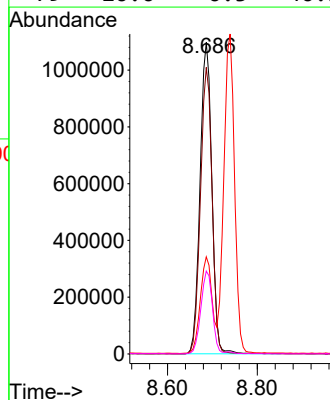
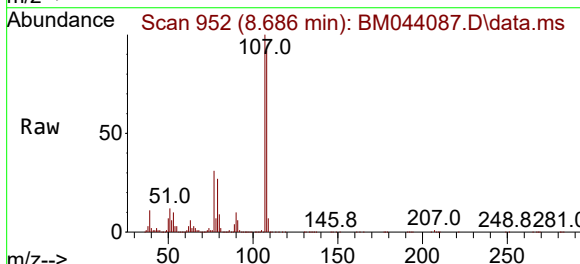
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

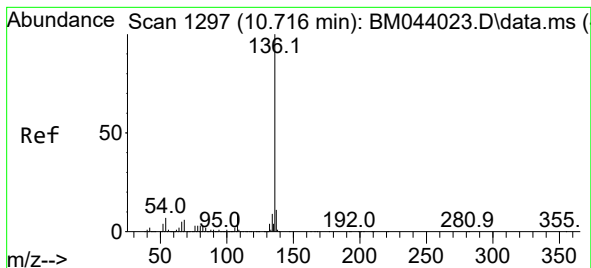
Tgt Ion: 70 Resp: 1285936
Ion Ratio Lower Upper
70 100
42 52.2 42.6 64.0
101 9.6 7.8 11.6
130 21.7 16.9 25.3



#20
3+4-Methylphenols
Concen: 47.739 ng
RT: 8.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 107 Resp: 1993621
Ion Ratio Lower Upper
107 100
108 91.9 71.5 111.5
77 31.2 11.8 51.8
79 26.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.704 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

Tgt Ion:136 Resp: 2197898

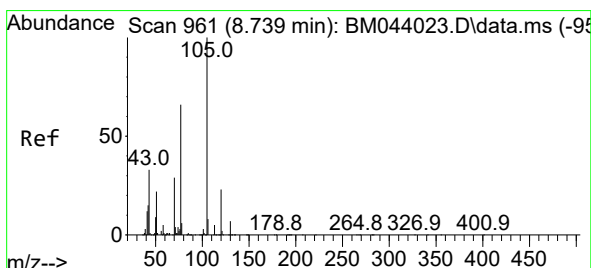
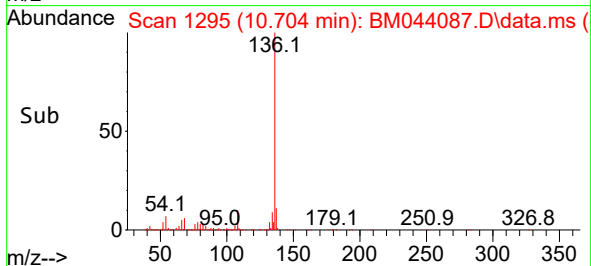
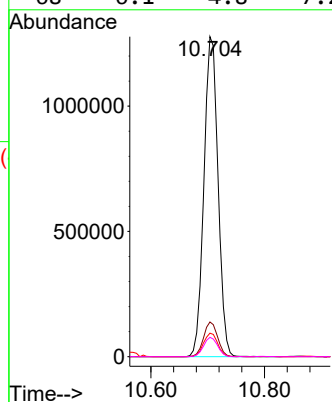
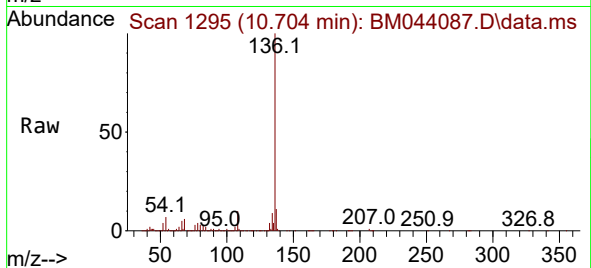
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 5.9 8.9

68 6.1 4.8 7.2



#22

Acetophenone

Concen: 45.893 ng

RT: 8.739 min Scan# 961

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Tgt Ion:105 Resp: 2560325

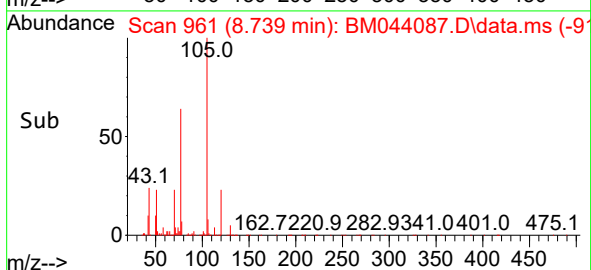
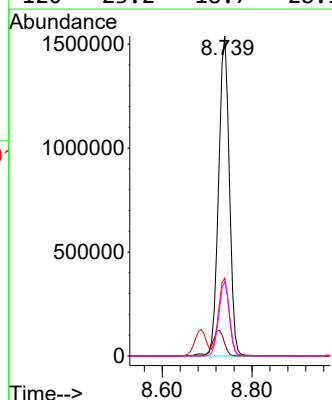
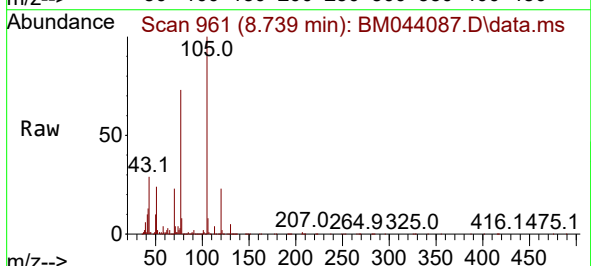
Ion Ratio Lower Upper

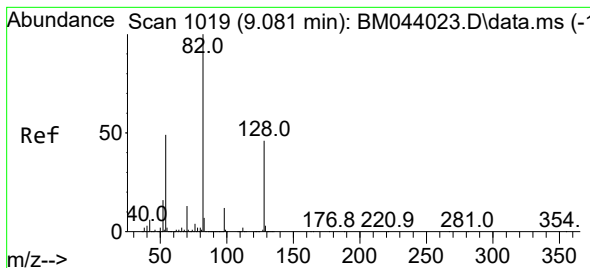
105 100

71 3.8 4.0 6.0

51 24.3 20.1 30.1

120 23.2 18.7 28.1

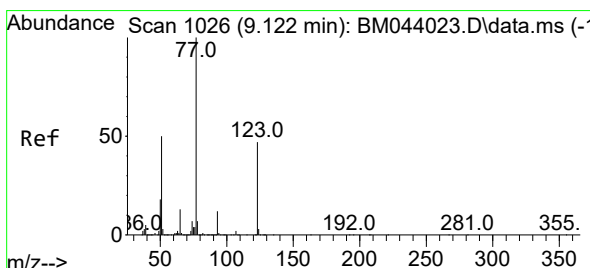
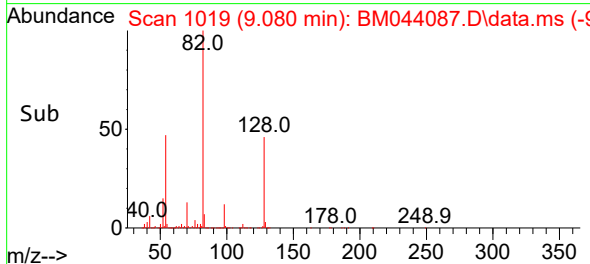
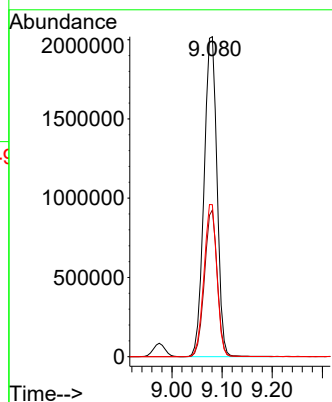
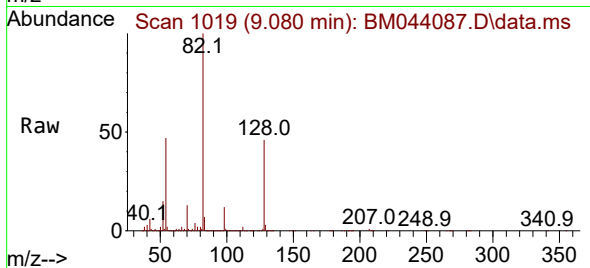




#23
Nitrobenzene-d5
Concen: 87.566 ng
RT: 9.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

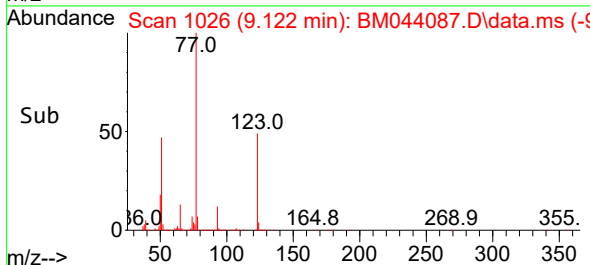
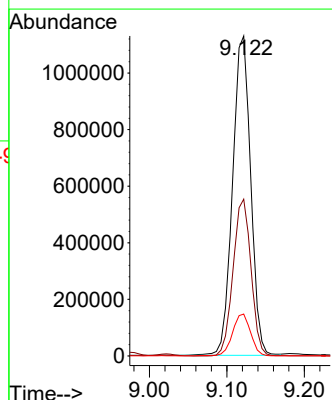
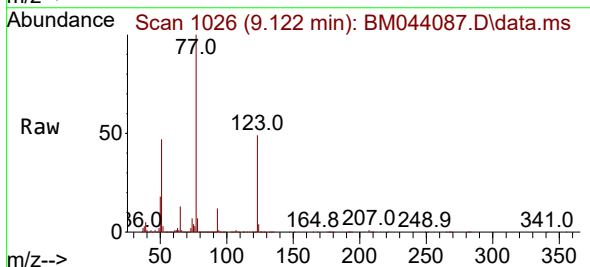
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

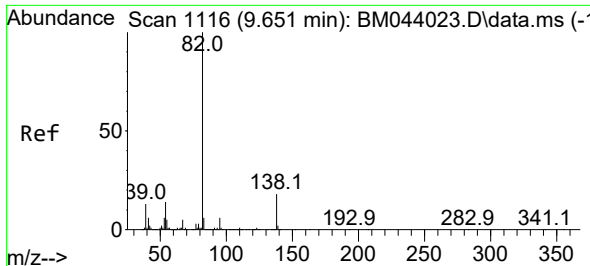
Tgt Ion: 82 Resp: 3626993
Ion Ratio Lower Upper
82 100
128 45.8 37.1 55.7
54 47.5 38.9 58.3



#24
Nitrobenzene
Concen: 43.245 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 77 Resp: 1834250
Ion Ratio Lower Upper
77 100
123 49.0 37.8 56.8
65 13.1 10.5 15.7

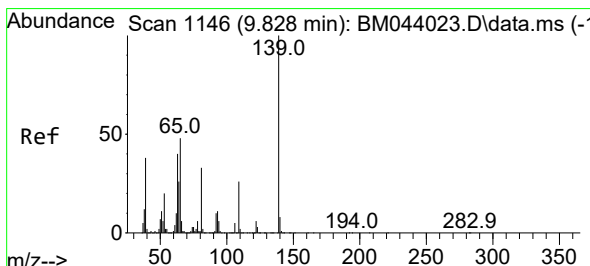
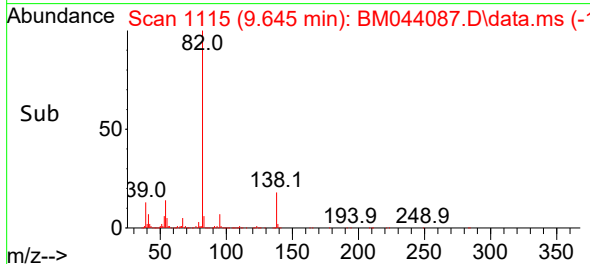
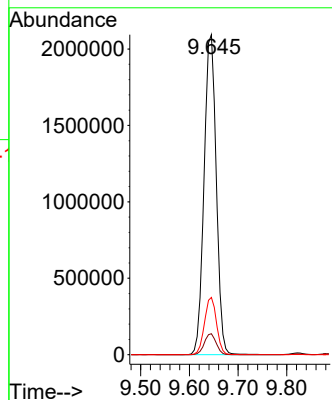
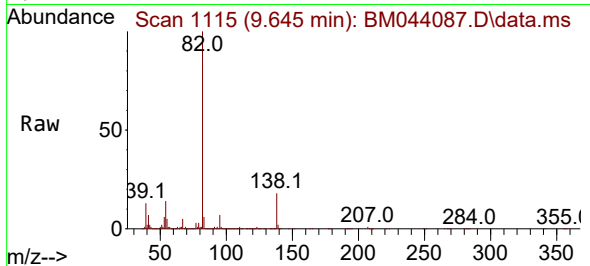




#25
Isophorone
Concen: 45.477 ng
RT: 9.645 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

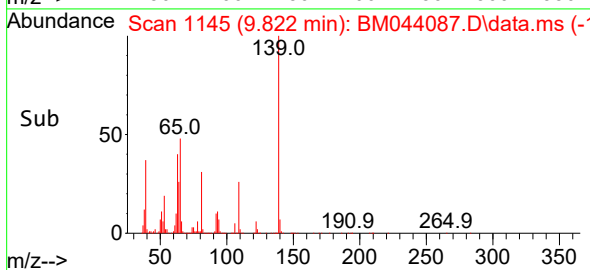
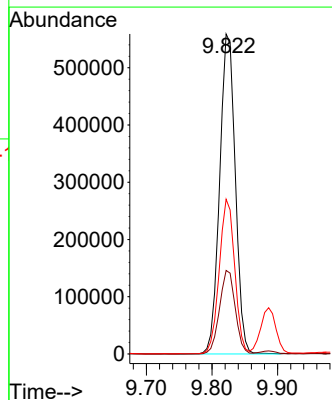
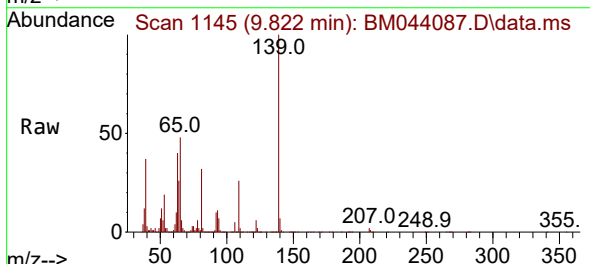
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

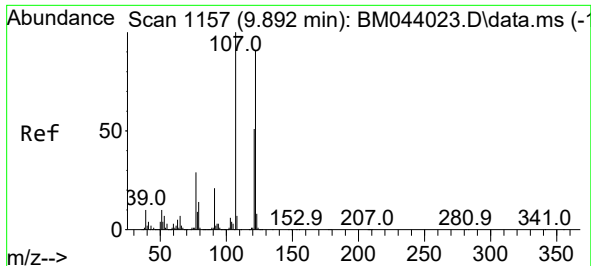
Tgt Ion: 82 Resp: 3627086
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 17.9 14.3 21.5



#26
2-Nitrophenol
Concen: 46.981 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 139 Resp: 923897
Ion Ratio Lower Upper
139 100
109 26.1 21.2 31.8
65 48.4 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 55.139 ng

RT: 9.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

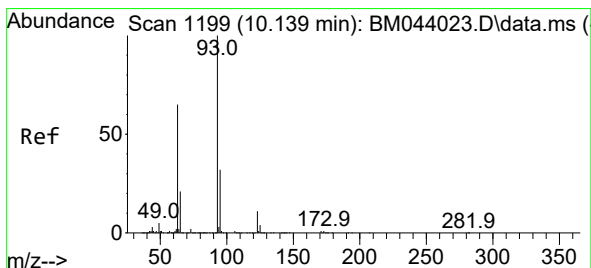
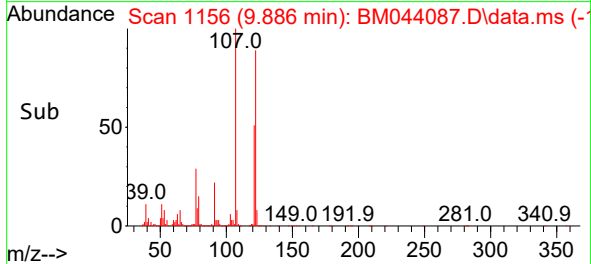
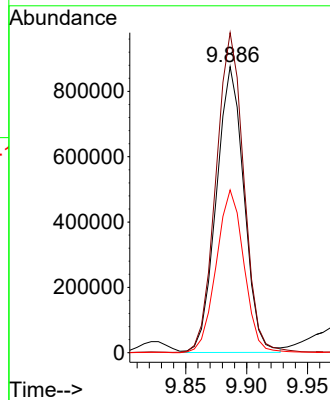
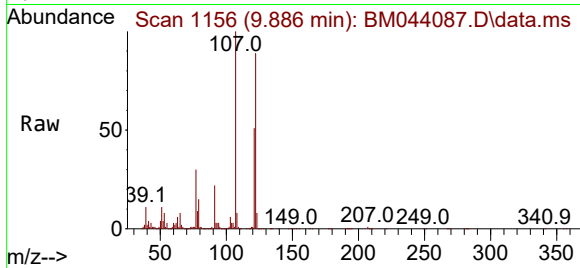
Tgt Ion:122 Resp: 1386494

Ion Ratio Lower Upper

122 100

107 111.9 87.8 131.8

121 56.9 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.996 ng

RT: 10.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

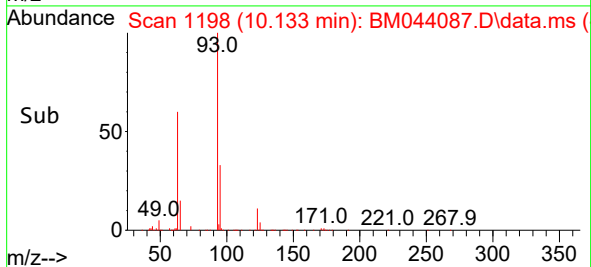
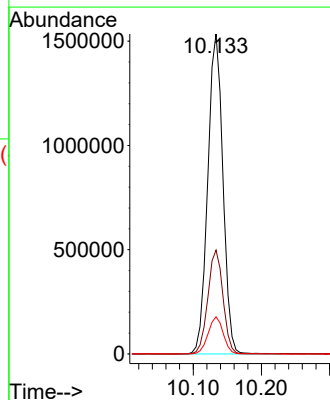
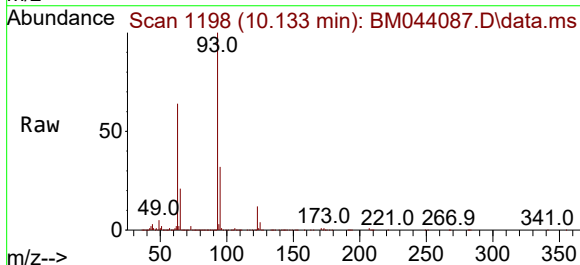
Tgt Ion: 93 Resp: 2372532

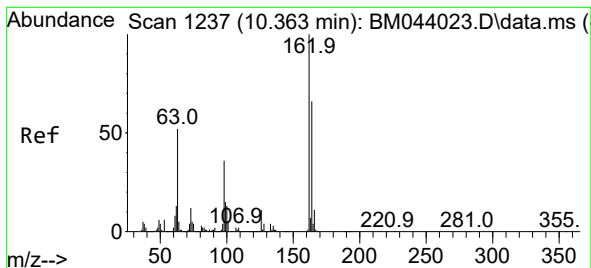
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.410 ng

RT: 10.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

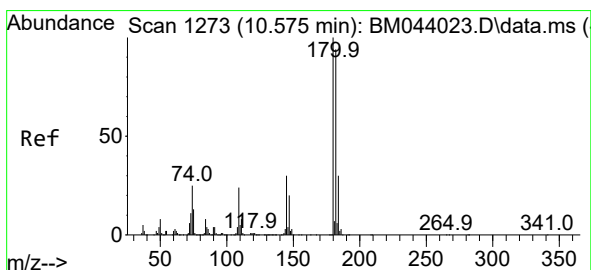
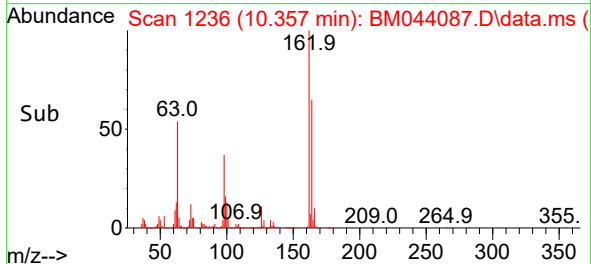
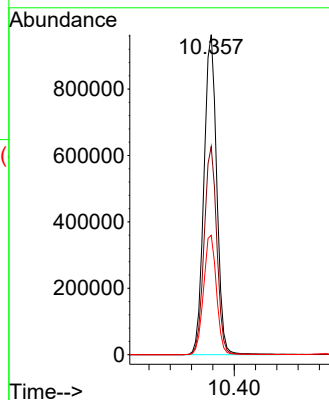
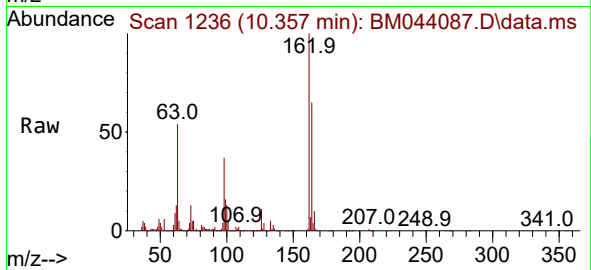
Tgt Ion:162 Resp: 1602661

Ion Ratio Lower Upper

162 100

164 65.1 46.1 86.1

98 37.3 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 40.511 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

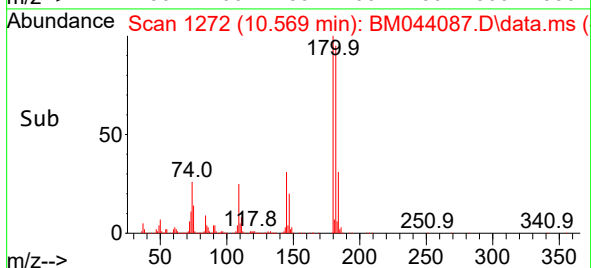
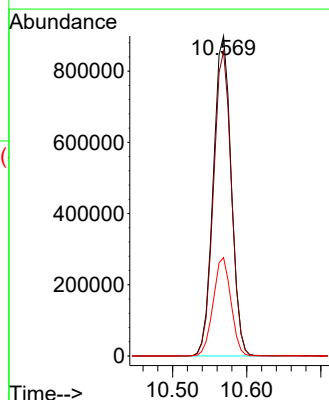
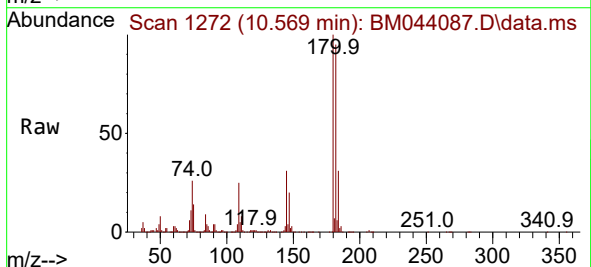
Tgt Ion:180 Resp: 1508080

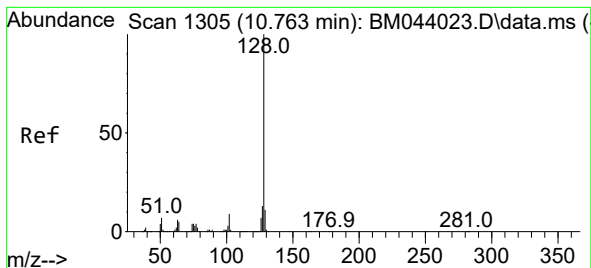
Ion Ratio Lower Upper

180 100

182 95.2 75.2 112.8

145 30.8 24.3 36.5

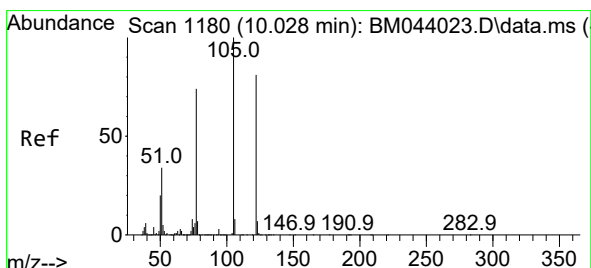
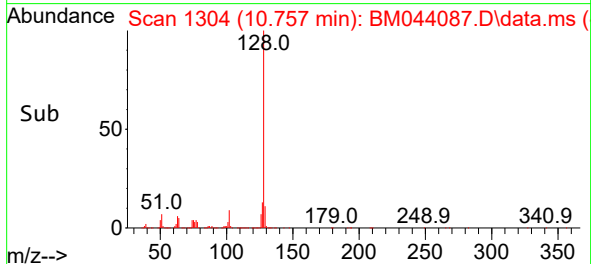
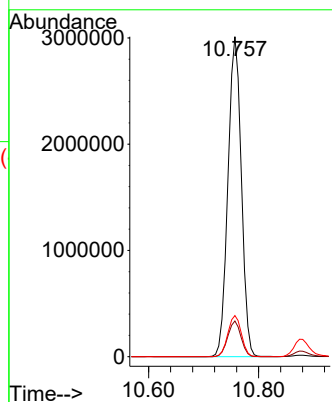
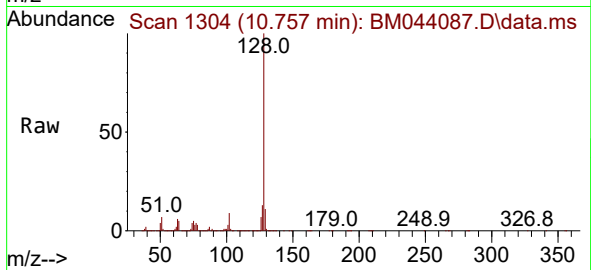




#31
Naphthalene
Concen: 41.927 ng
RT: 10.757 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

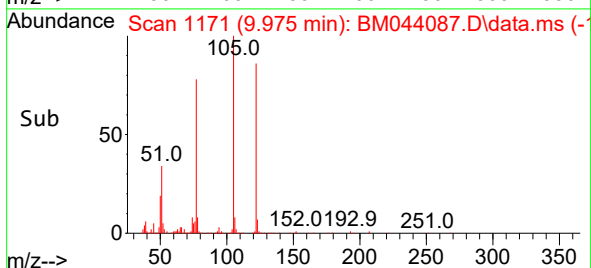
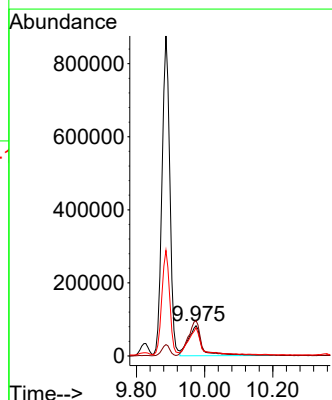
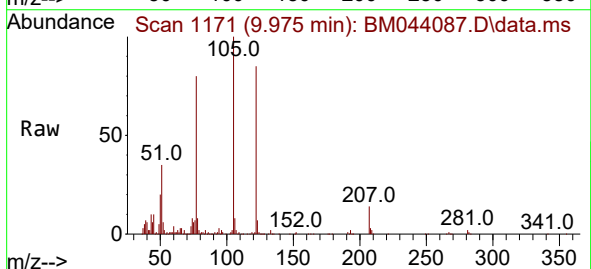
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

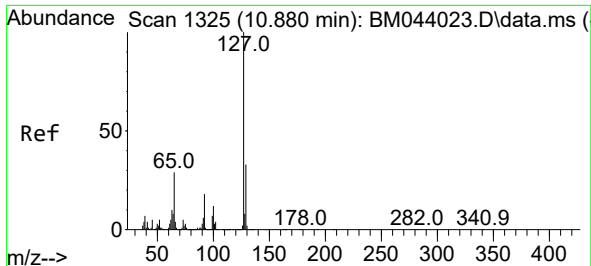
Tgt Ion:128 Resp: 5085990
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 9.104 ng
RT: 9.975 min Scan# 1171
Delta R.T. -0.053 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:122 Resp: 230594
Ion Ratio Lower Upper
122 100
105 117.1 100.1 140.1
77 93.6 69.6 109.6

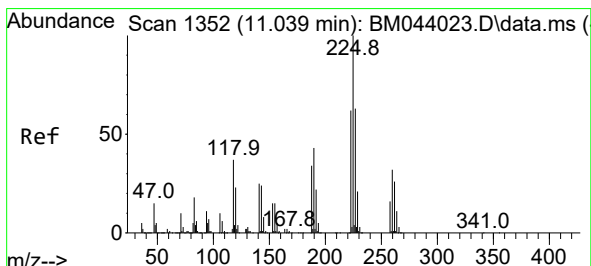
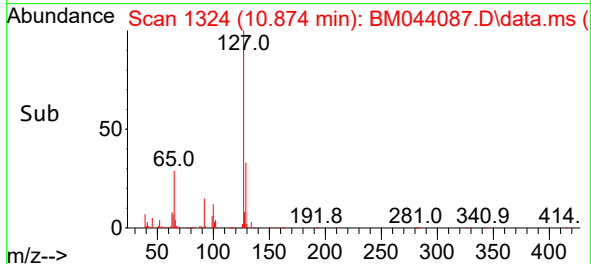
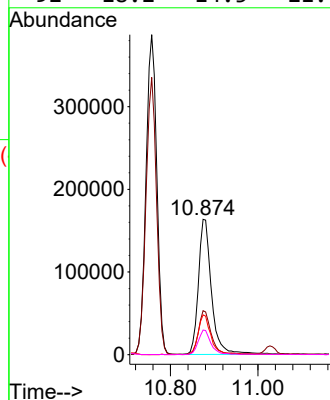
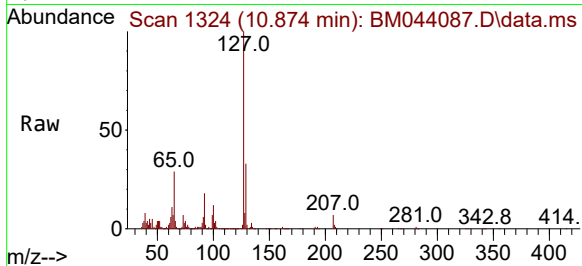




#33
4-Chloroaniline
Concen: 7.432 ng
RT: 10.874 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

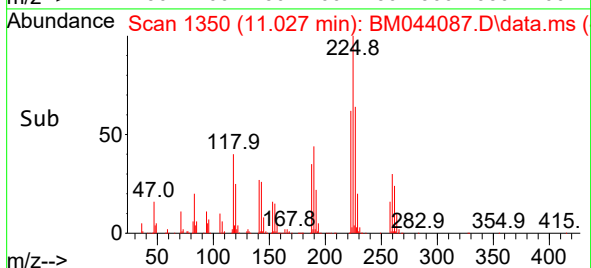
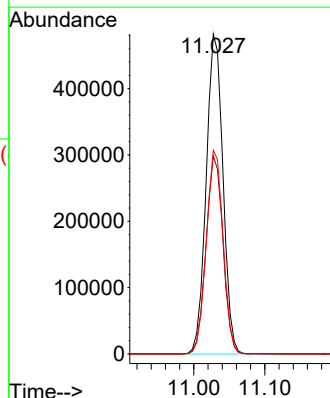
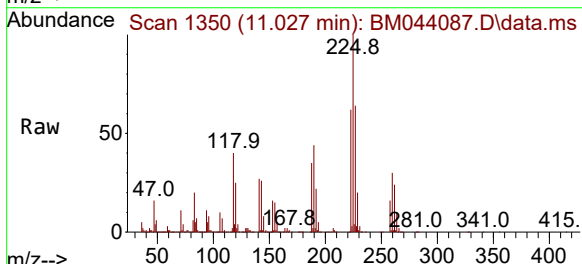
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

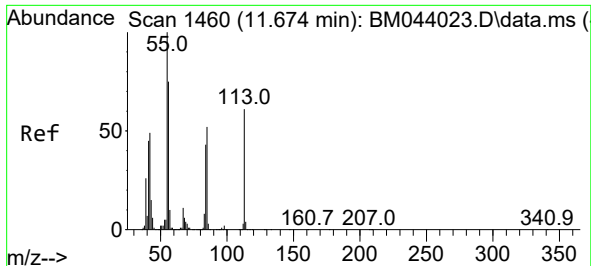
Tgt Ion:	127	Resp:	341404
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	29.5	23.0	34.6
92	18.2	14.5	21.7



#34
Hexachlorobutadiene
Concen: 37.145 ng
RT: 11.027 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:	225	Resp:	791482
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.9	74.9
227	63.7	50.6	76.0

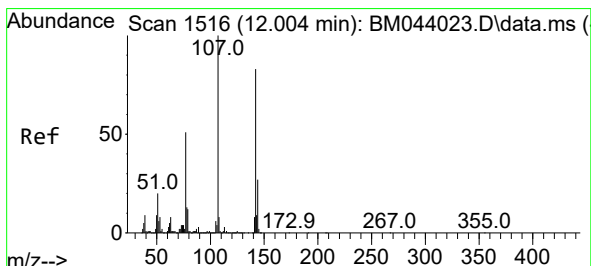
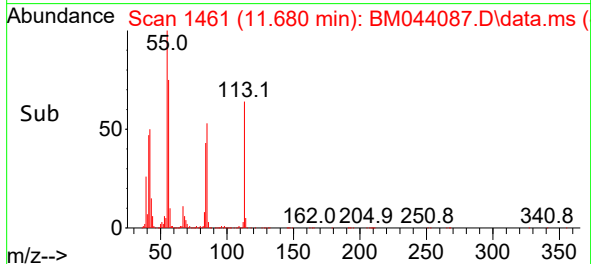
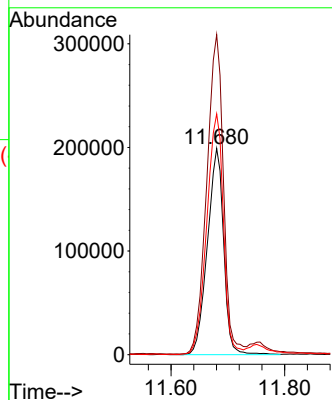
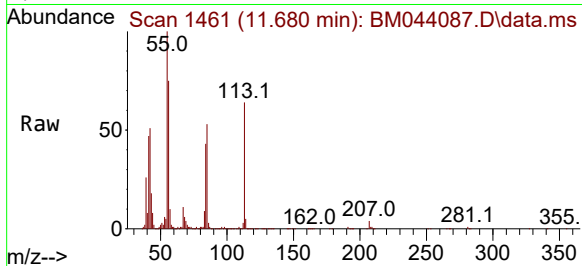




#35
Caprolactam
Concen: 36.952 ng
RT: 11.680 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

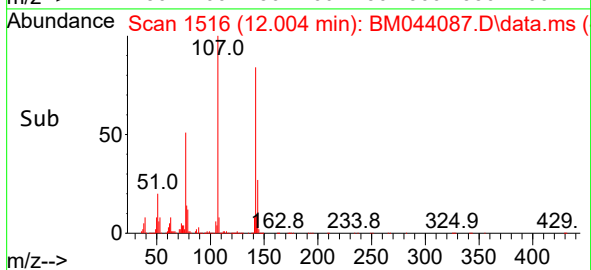
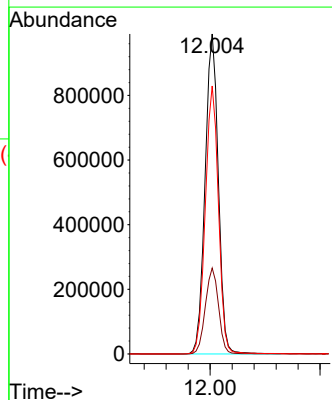
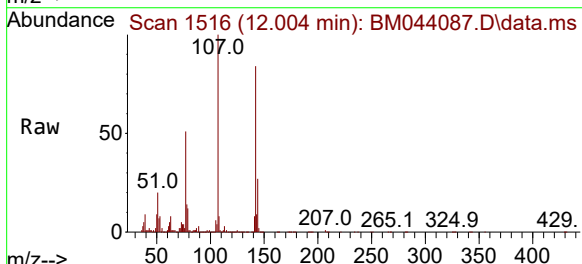
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

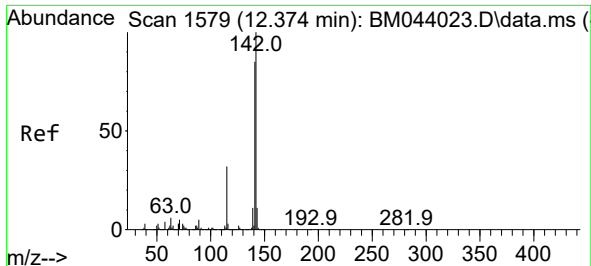
Tgt Ion:113 Resp: 393653
Ion Ratio Lower Upper
113 100
55 155.2 145.6 185.6
56 116.8 103.3 143.3



#36
4-Chloro-3-methylphenol
Concen: 46.134 ng
RT: 12.004 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:107 Resp: 1653818
Ion Ratio Lower Upper
107 100
144 26.9 21.3 31.9
142 83.7 66.2 99.4

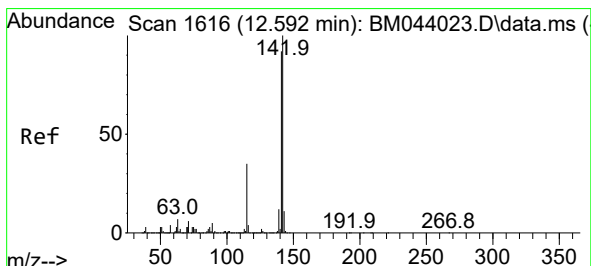
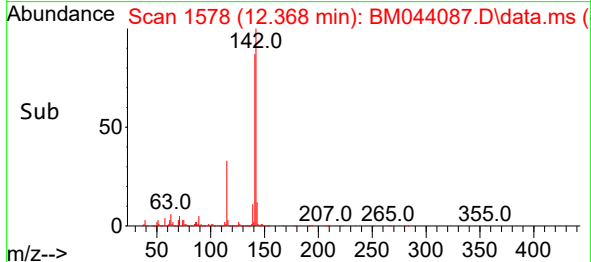
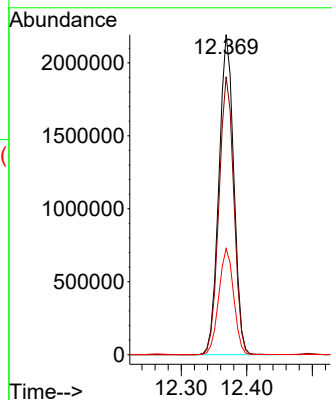
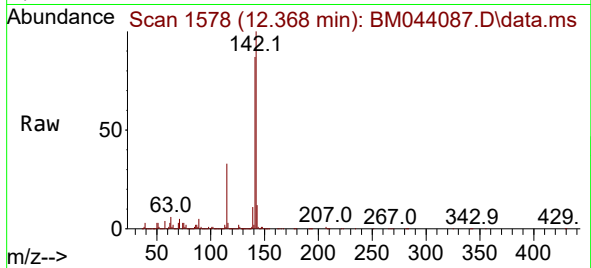




#37
2-Methylnaphthalene
Concen: 42.455 ng
RT: 12.368 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

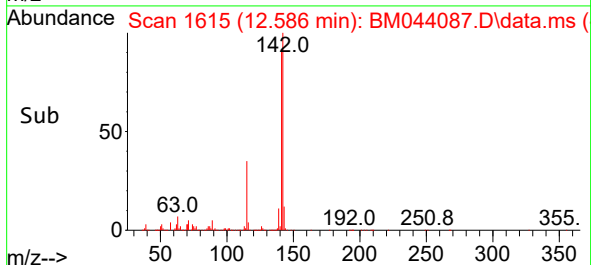
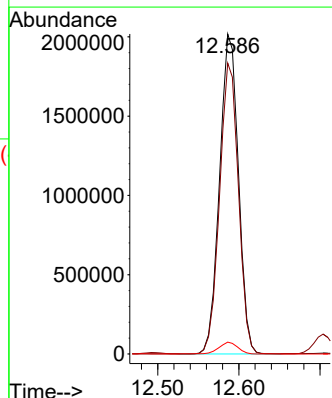
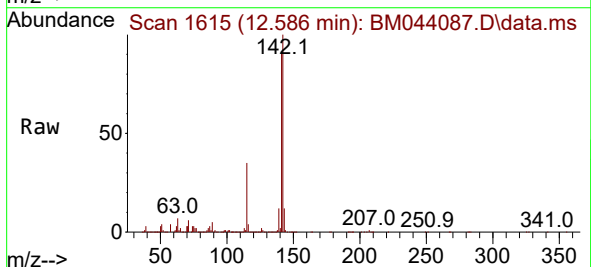
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

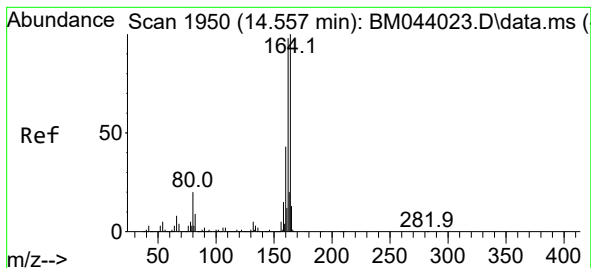
Tgt Ion:142 Resp: 3430477
Ion Ratio Lower Upper
142 100
141 86.9 68.3 102.5
115 33.1 25.7 38.5



#38
1-Methylnaphthalene
Concen: 41.040 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:142 Resp: 3258520
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.0
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

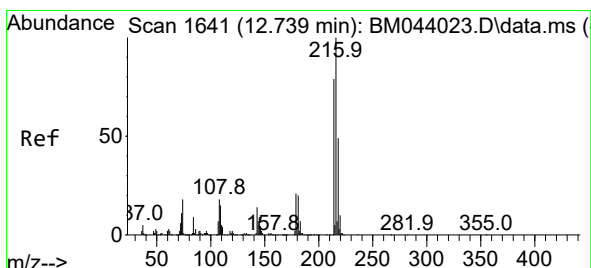
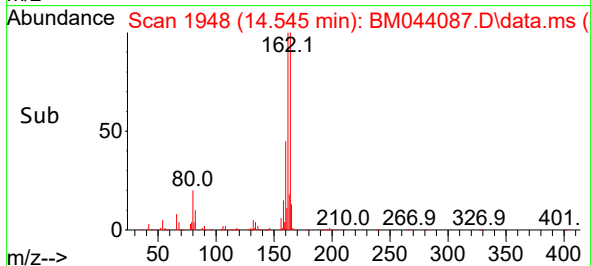
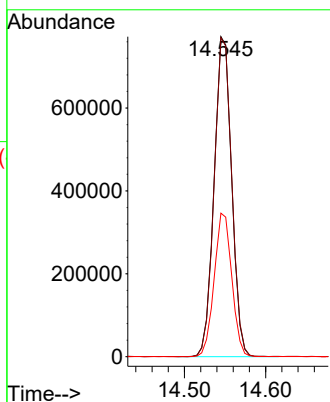
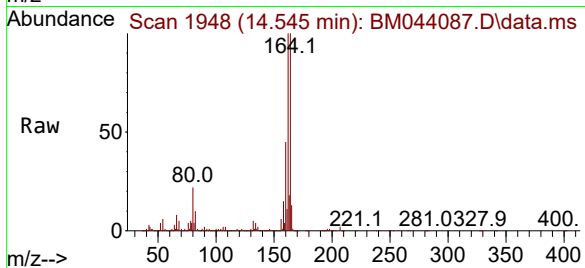
Tgt Ion:164 Resp: 1159919

Ion Ratio Lower Upper

164 100

162 99.7 78.4 117.6

160 44.9 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.532 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Tgt Ion:216 Resp: 1535109

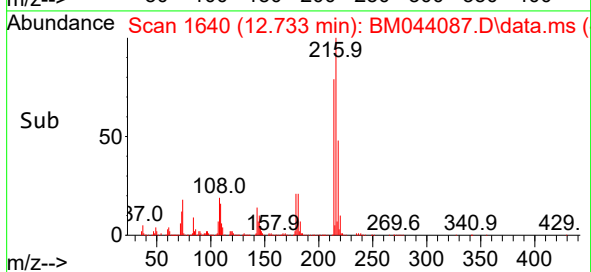
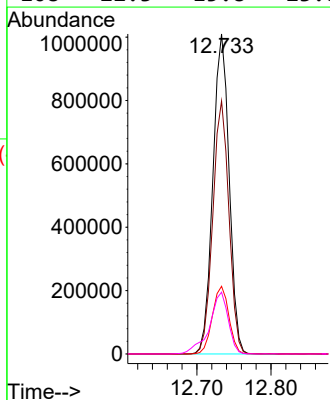
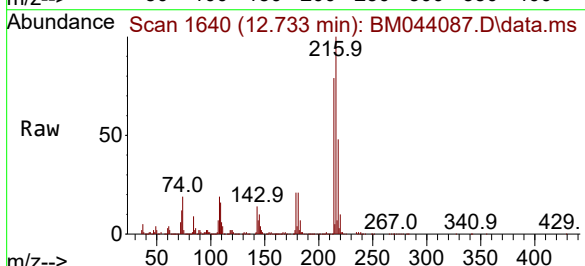
Ion Ratio Lower Upper

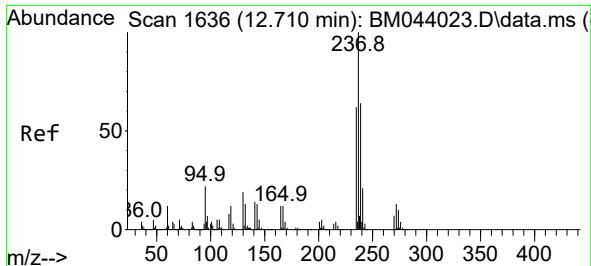
216 100

214 78.5 63.1 94.7

179 21.5 17.0 25.6

108 22.3 15.8 23.8

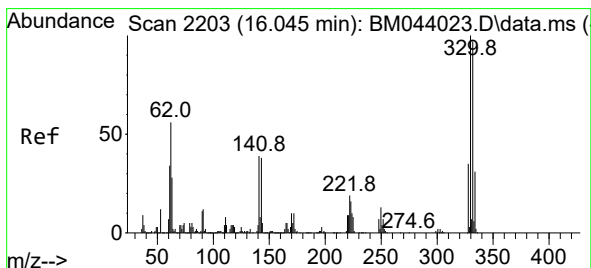
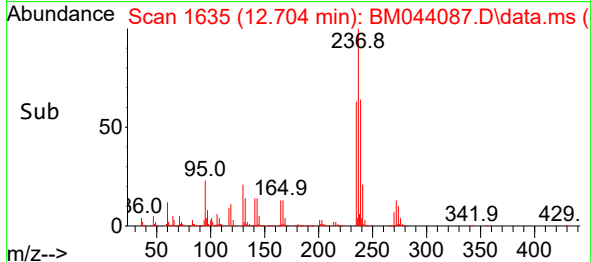
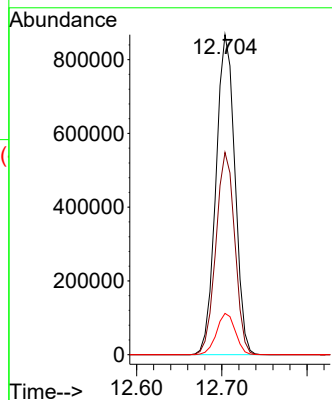
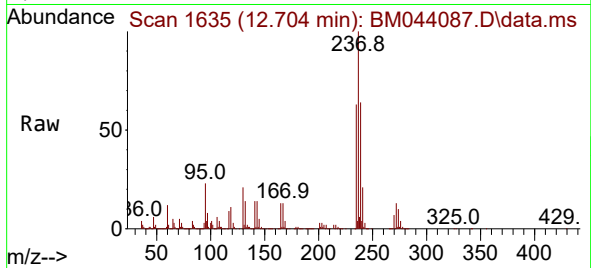




#41
Hexachlorocyclopentadiene
Concen: 91.242 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

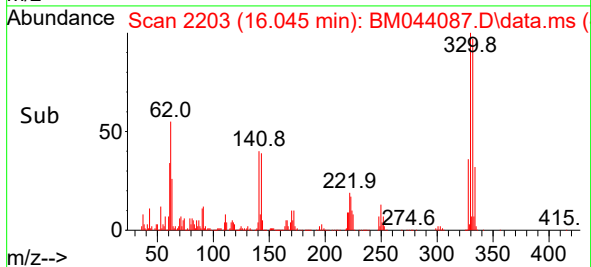
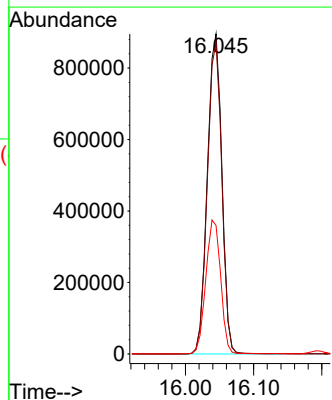
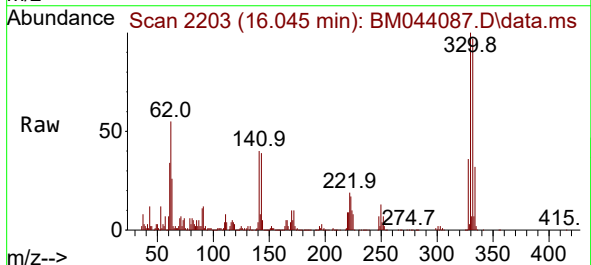
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

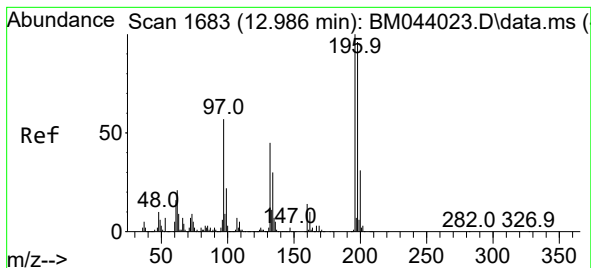
Tgt Ion:237 Resp: 1342504
Ion Ratio Lower Upper
237 100
235 63.2 42.4 82.4
272 12.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 105.887 ng
RT: 16.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:330 Resp: 1329803
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 42.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 48.559 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

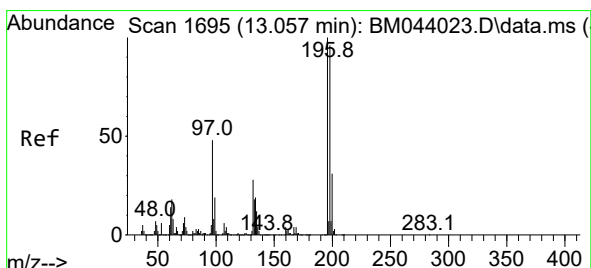
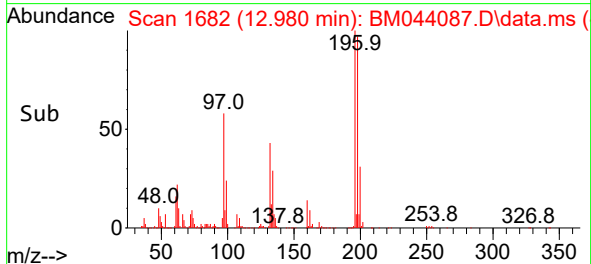
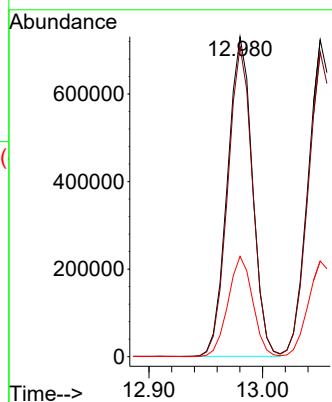
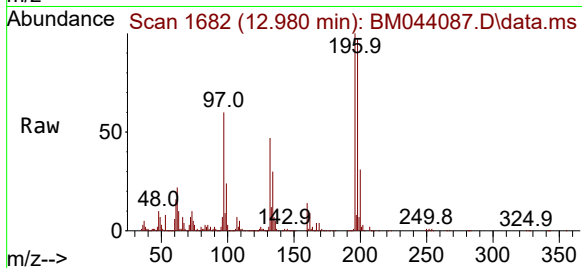
Tgt Ion:196 Resp: 1114170

Ion Ratio Lower Upper

196 100

198 97.0 76.8 115.2

200 31.4 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 46.339 ng

RT: 13.051 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Tgt Ion:196 Resp: 1166799

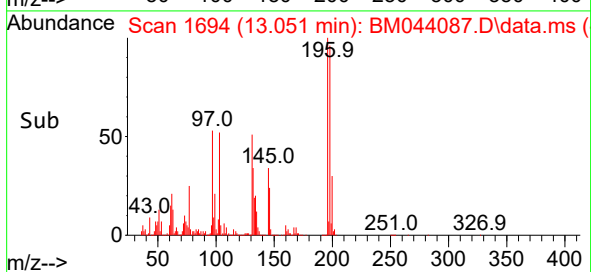
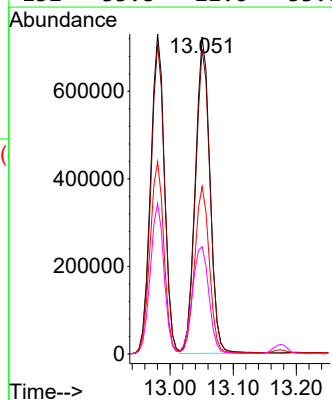
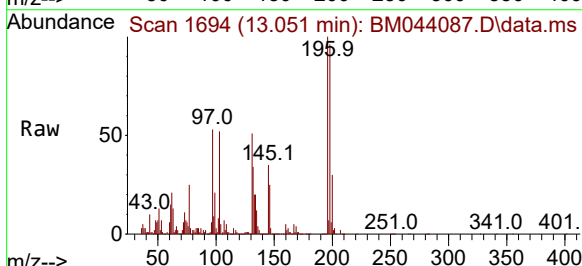
Ion Ratio Lower Upper

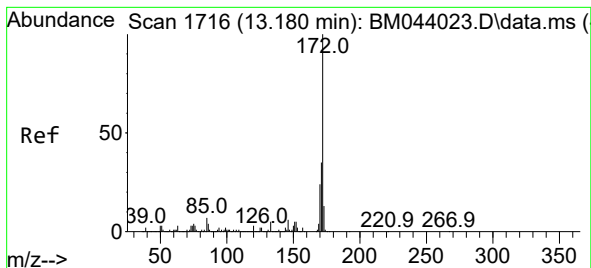
196 100

198 96.1 76.9 115.3

97 52.9 39.0 58.4

132 33.8 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 84.845 ng

RT: 13.174 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

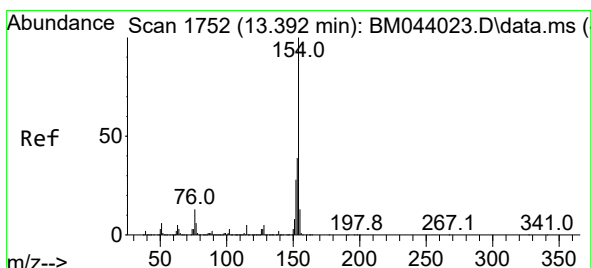
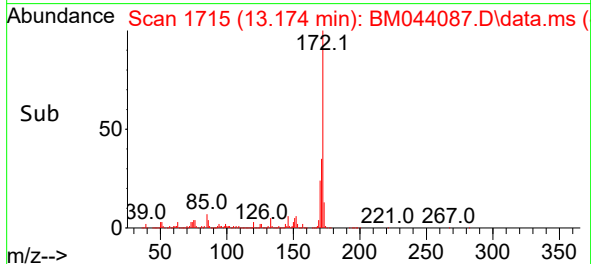
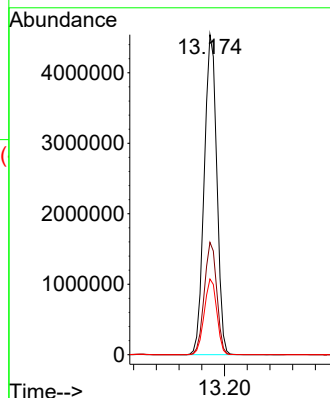
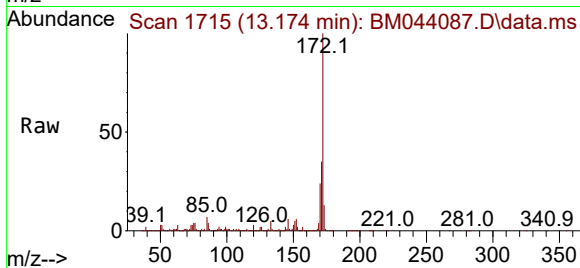
Tgt Ion:172 Resp: 6973173

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.269 ng

RT: 13.386 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

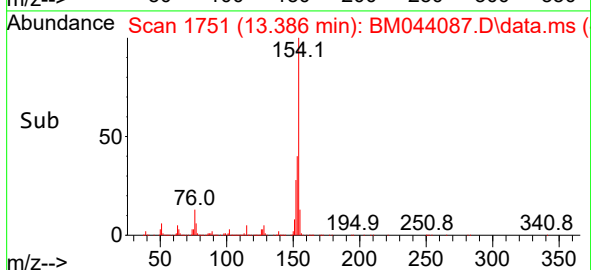
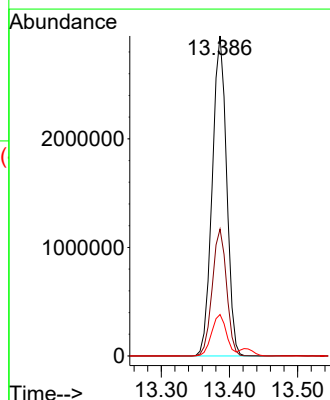
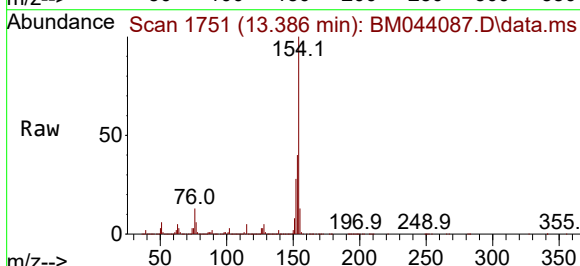
Tgt Ion:154 Resp: 4326378

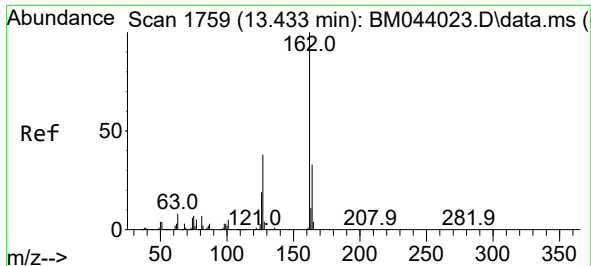
Ion Ratio Lower Upper

154 100

153 39.7 19.4 59.4

76 13.0 0.0 32.9

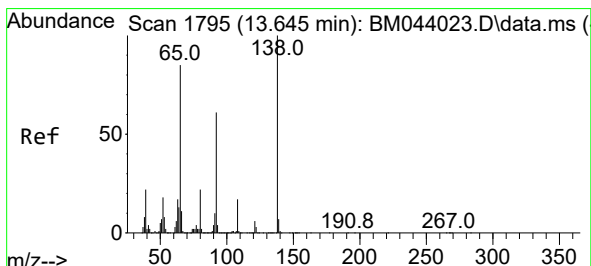
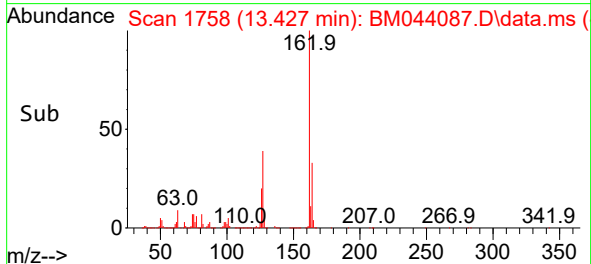
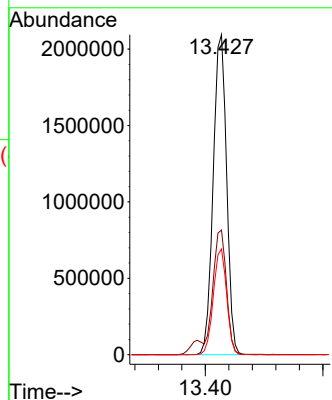
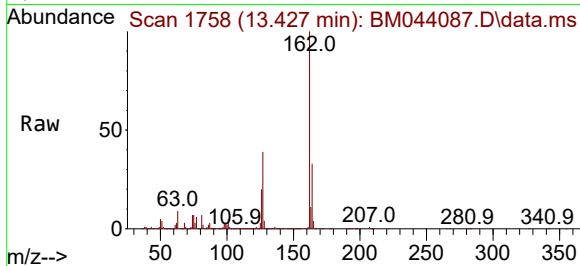




#47
2-Chloronaphthalene
Concen: 45.710 ng
RT: 13.427 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

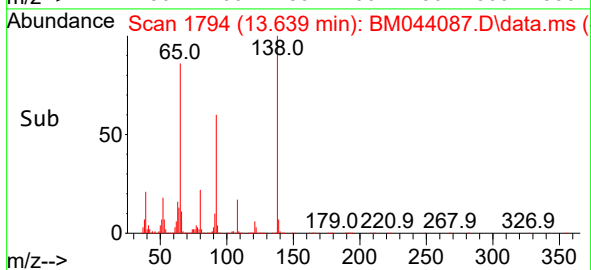
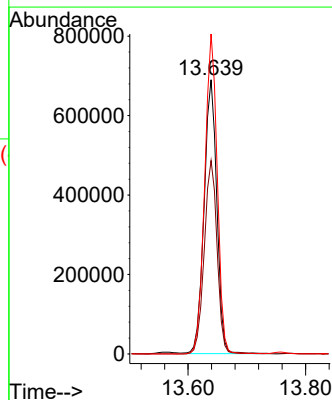
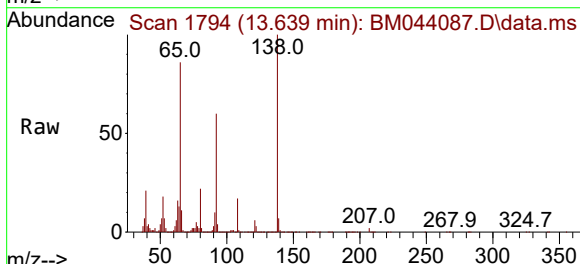
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

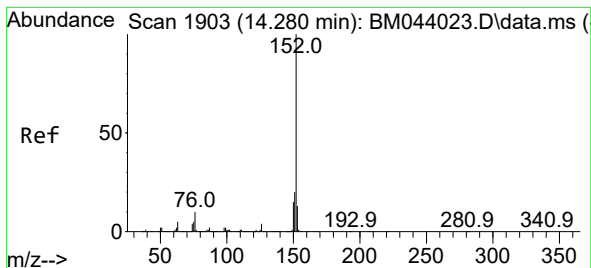
Tgt Ion:162 Resp: 3314064
Ion Ratio Lower Upper
162 100
127 39.0 30.9 46.3
164 33.0 26.4 39.6



#48
2-Nitroaniline
Concen: 51.076 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 65 Resp: 1041769
Ion Ratio Lower Upper
65 100
92 70.5 58.1 87.1
138 116.7 94.6 142.0





#49

Acenaphthylene

Concen: 49.413 ng

RT: 14.274 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

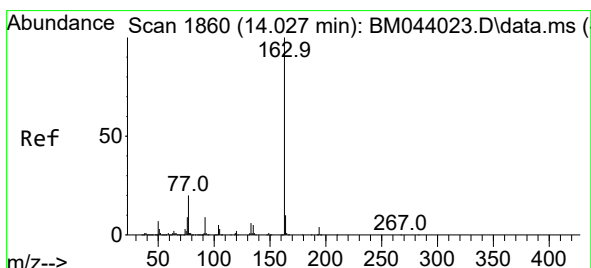
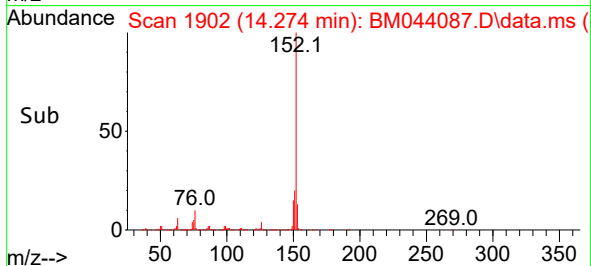
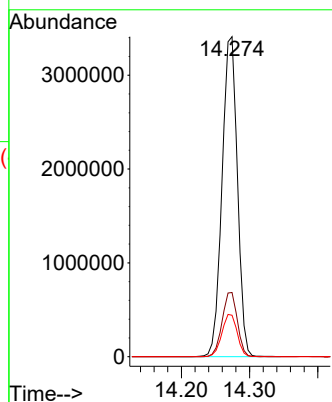
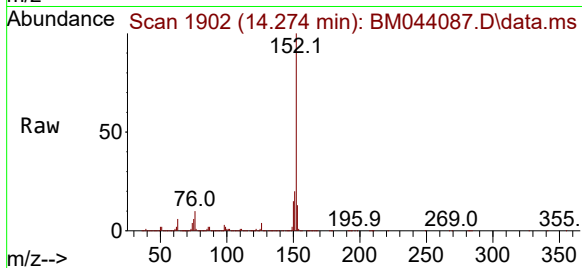
Tgt Ion:152 Resp: 5344754

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 46.185 ng

RT: 14.021 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

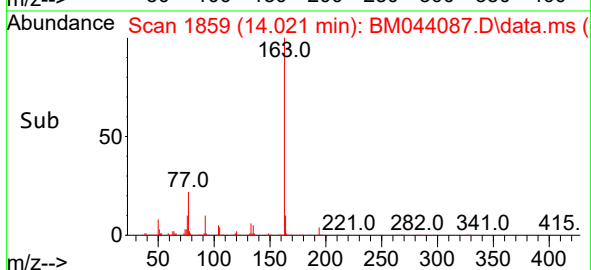
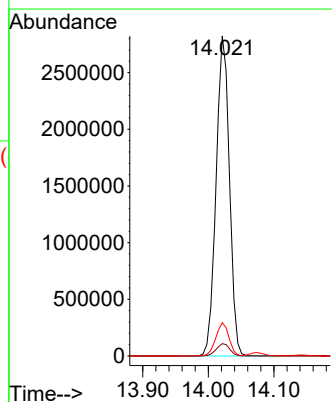
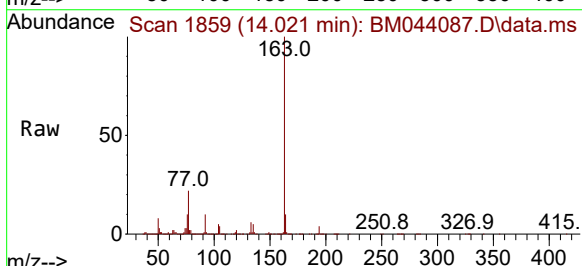
Tgt Ion:163 Resp: 3971987

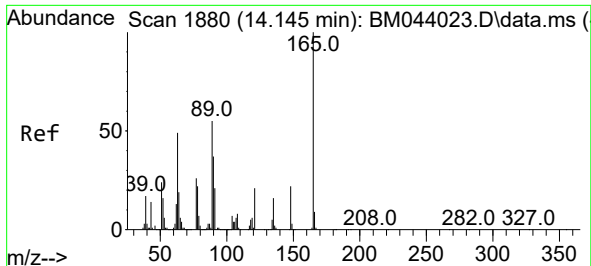
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.4 8.2 12.2

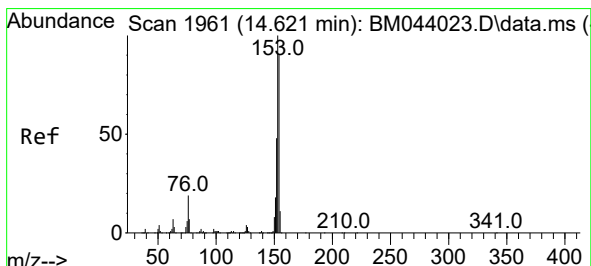
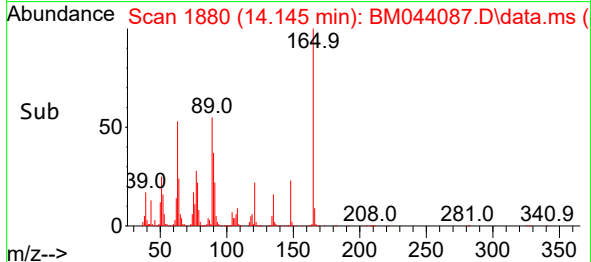
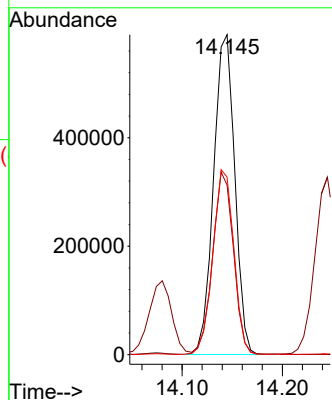
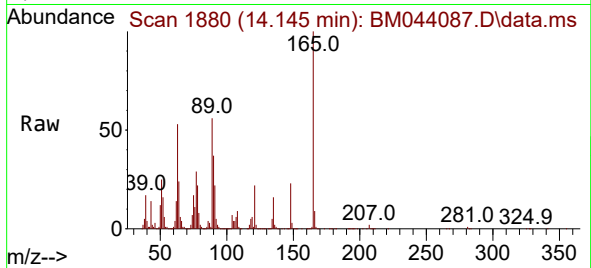




#51
2,6-Dinitrotoluene
Concen: 45.540 ng
RT: 14.145 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

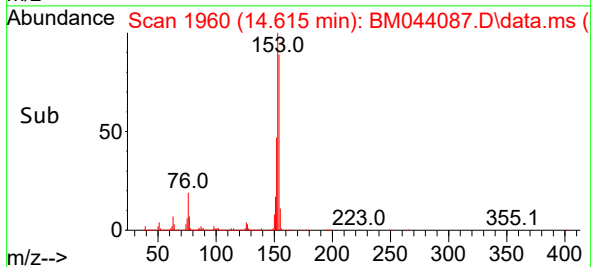
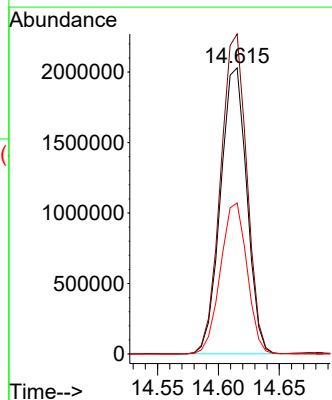
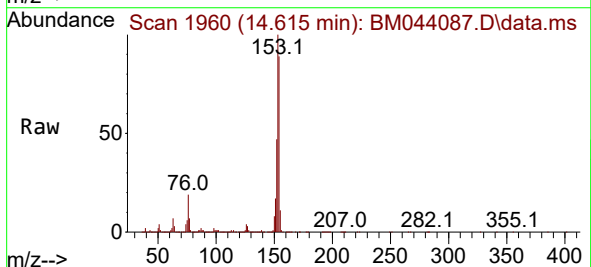
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

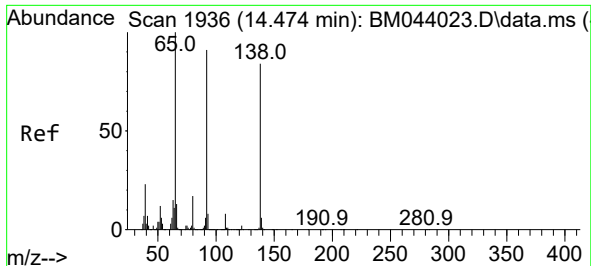
Tgt Ion:165 Resp: 864078
Ion Ratio Lower Upper
165 100
63 53.0 43.5 65.3
89 55.5 44.4 66.6



#52
Acenaphthene
Concen: 45.615 ng
RT: 14.615 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:154 Resp: 3053626
Ion Ratio Lower Upper
154 100
153 111.9 89.3 133.9
152 52.8 43.0 64.6

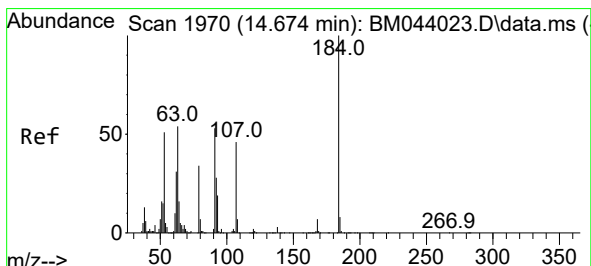
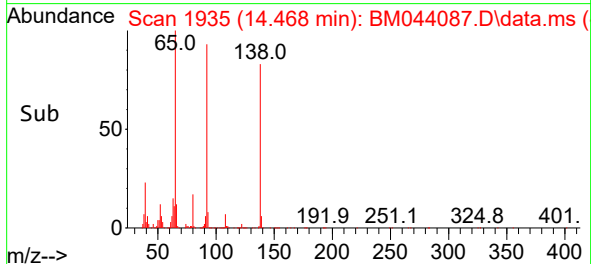
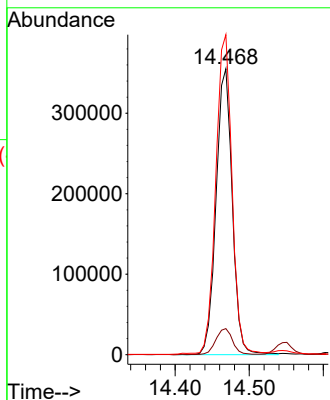
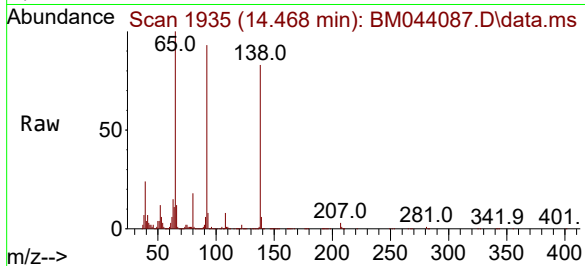




#53
3-Nitroaniline
Concen: 26.443 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

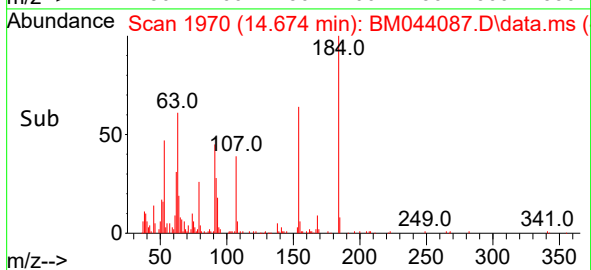
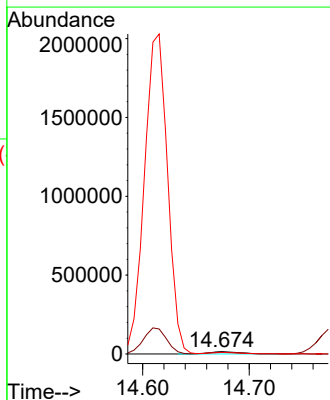
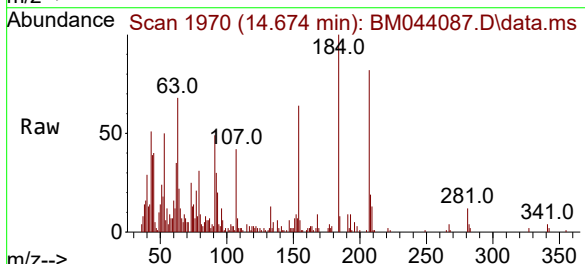
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

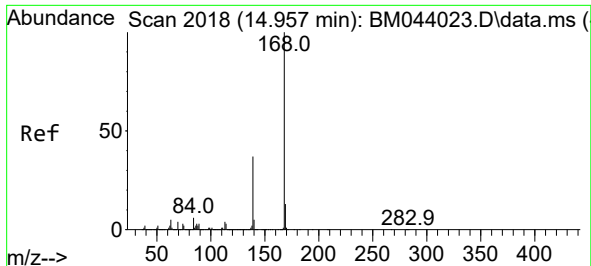
Tgt Ion:138 Resp: 539208
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 111.9 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 7.927 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:184 Resp: 28647
Ion Ratio Lower Upper
184 100
63 67.7 55.4 83.2
154 64.2 49.2 73.8

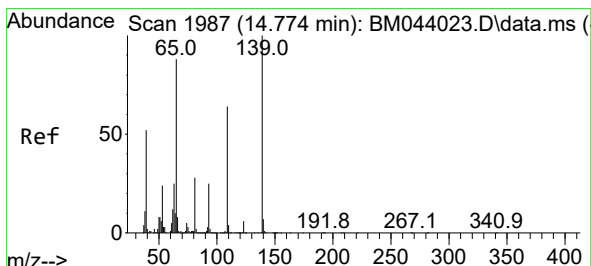
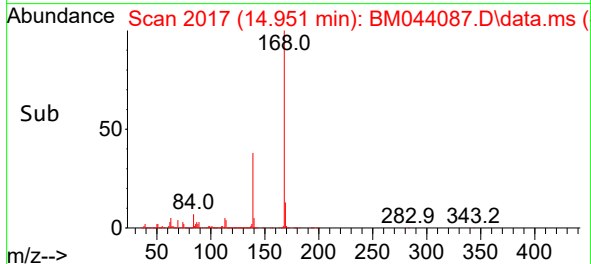
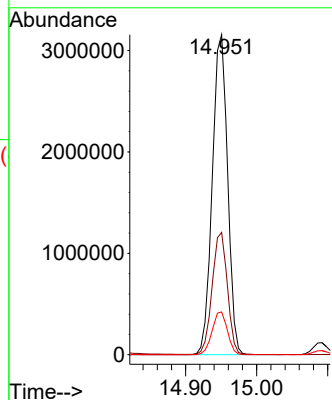
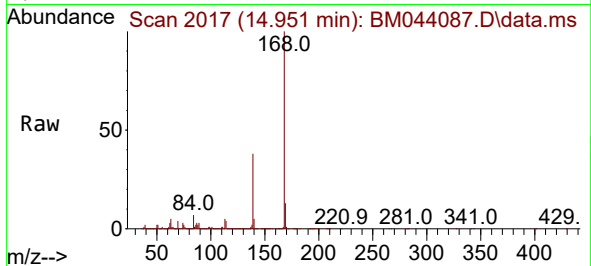




#55
Dibenzenofuran
Concen: 45.512 ng
RT: 14.951 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

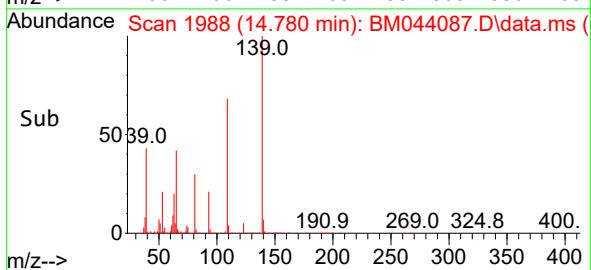
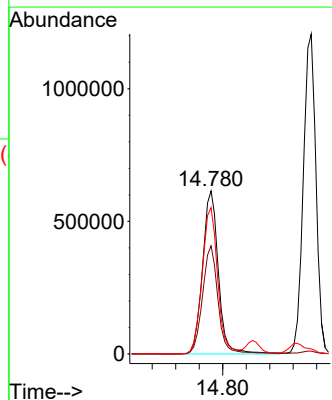
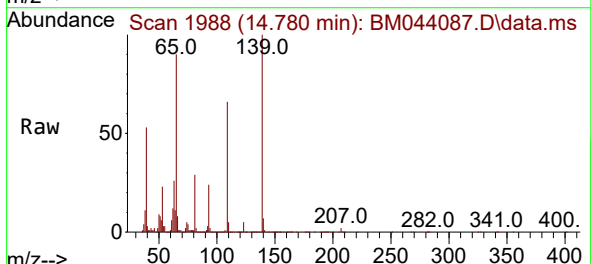
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

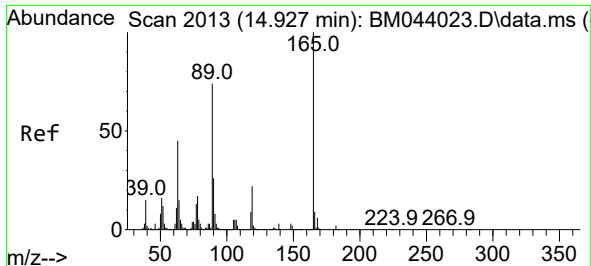
Tgt Ion:168 Resp: 4715664
Ion Ratio Lower Upper
168 100
139 38.2 29.6 44.4
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 69.364 ng
RT: 14.780 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:139 Resp: 1149809
Ion Ratio Lower Upper
139 100
109 66.3 43.8 83.8
65 89.8 67.7 107.7





#57

2,4-Dinitrotoluene

Concen: 45.978 ng

RT: 14.927 min Scan# 20

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

Tgt Ion:165 Resp: 1140222

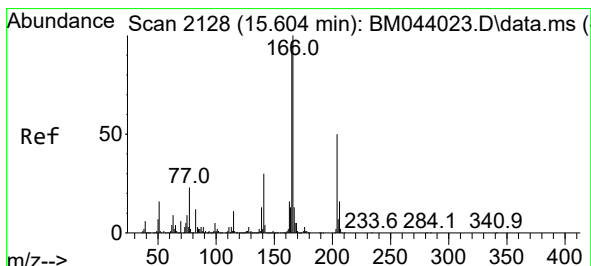
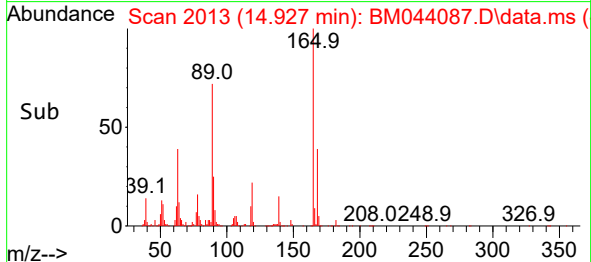
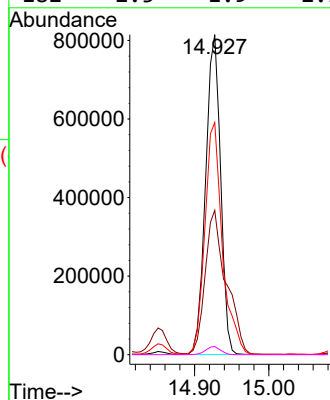
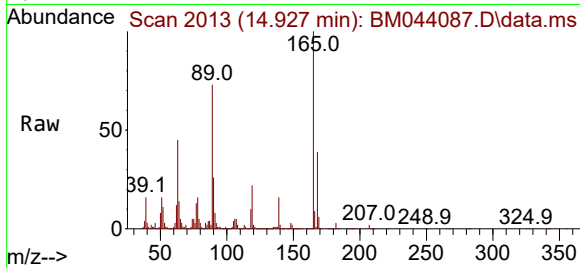
Ion Ratio Lower Upper

165 100

63 45.1 35.9 53.9

89 72.5 58.9 88.3

182 2.5 1.9 2.9



#58

Fluorene

Concen: 44.542 ng

RT: 15.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

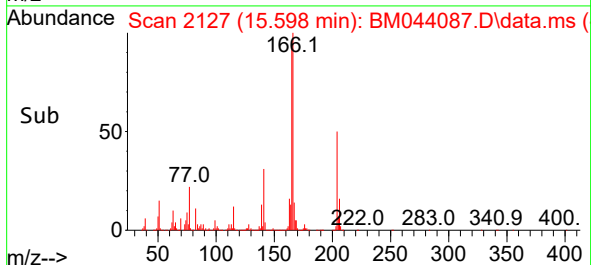
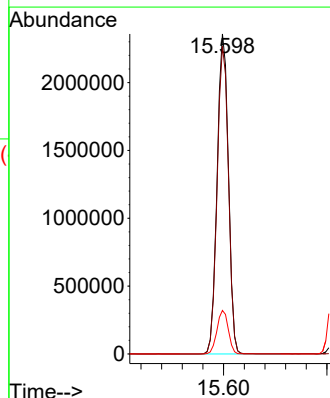
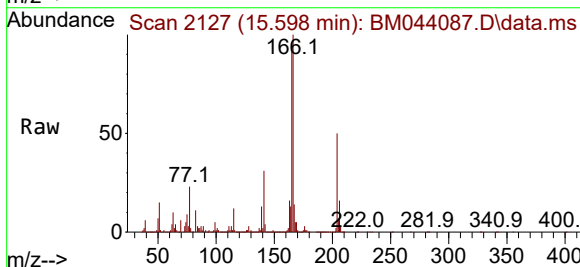
Tgt Ion:166 Resp: 3566262

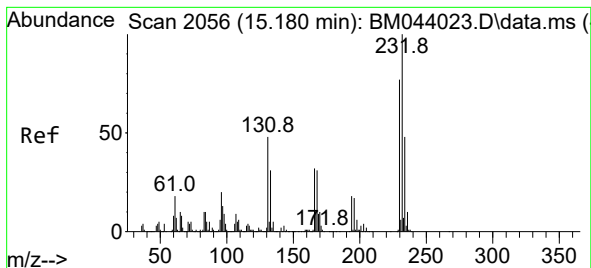
Ion Ratio Lower Upper

166 100

165 96.2 77.7 116.5

167 13.6 10.7 16.1

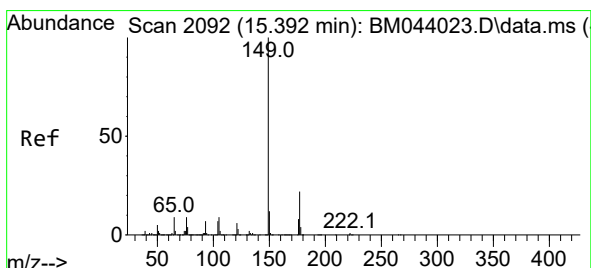
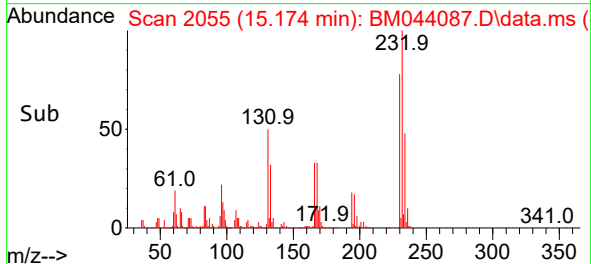
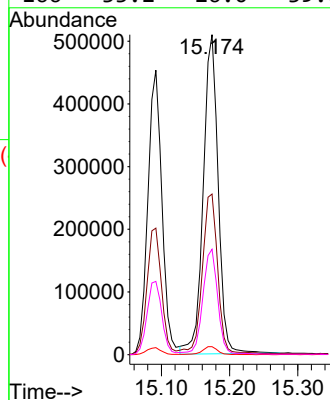
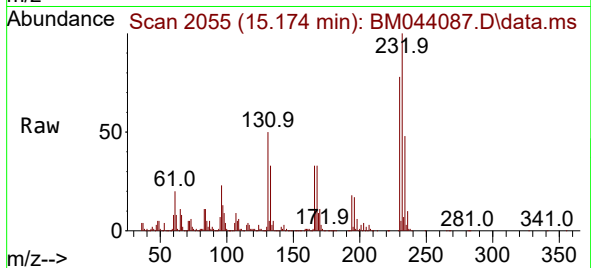




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.195 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

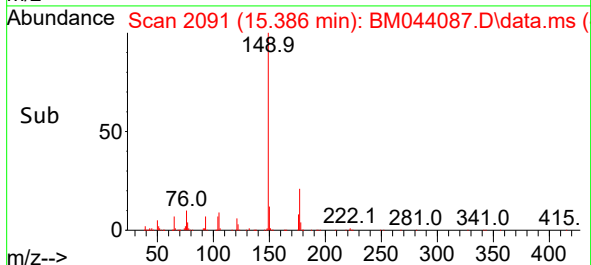
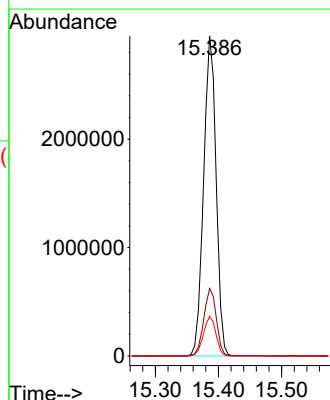
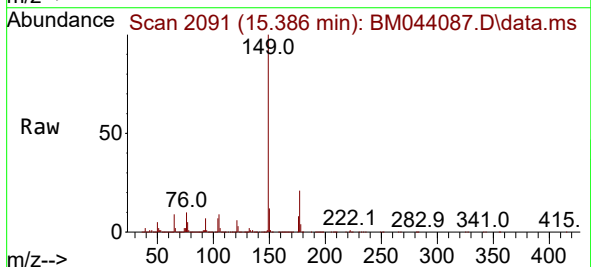
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

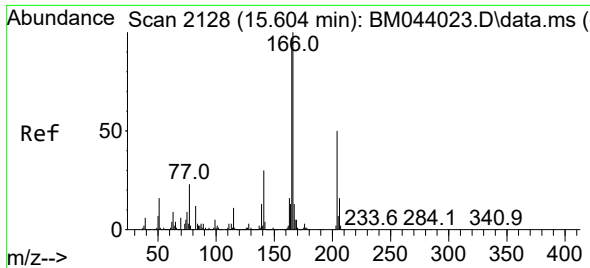
Tgt Ion:232 Resp: 774418
Ion Ratio Lower Upper
232 100
131 53.0 39.5 59.3
130 2.7 2.0 3.0
166 33.2 26.0 39.0



#60
Diethylphthalate
Concen: 45.575 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:149 Resp: 4050784
Ion Ratio Lower Upper
149 100
177 21.1 17.5 26.3
150 12.4 9.8 14.6

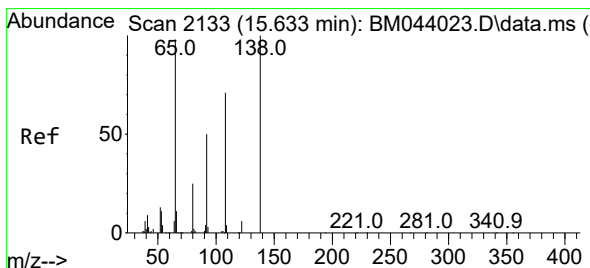
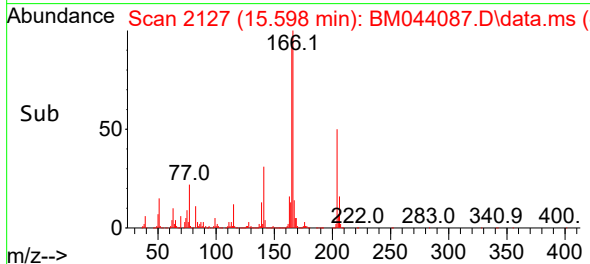
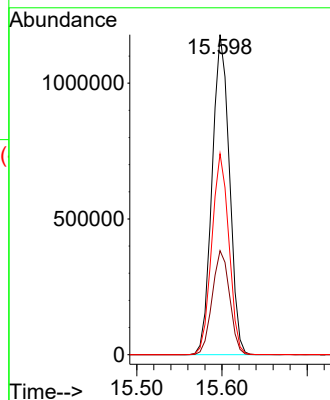
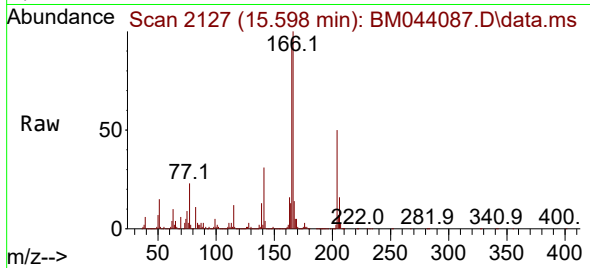




#61
4-Chlorophenyl-phenylether
Concen: 42.828 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

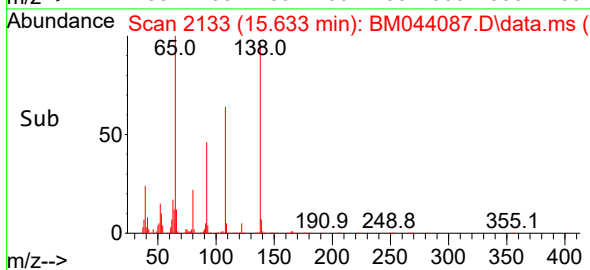
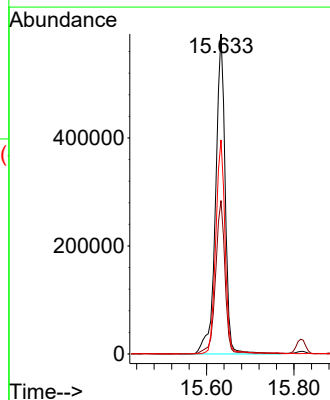
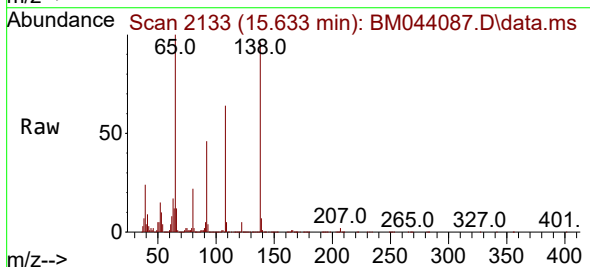
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

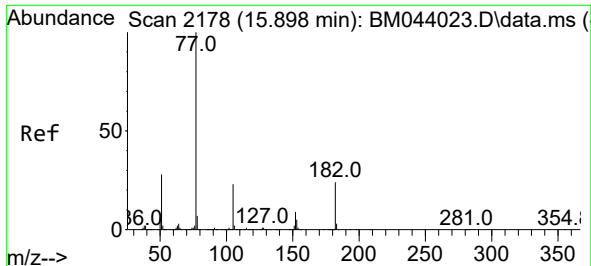
Tgt Ion:204 Resp: 1661522
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 62.8 47.7 71.5



#62
4-Nitroaniline
Concen: 44.105 ng
RT: 15.633 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:138 Resp: 905318
Ion Ratio Lower Upper
138 100
92 47.9 29.6 69.6
108 66.9 47.8 87.8

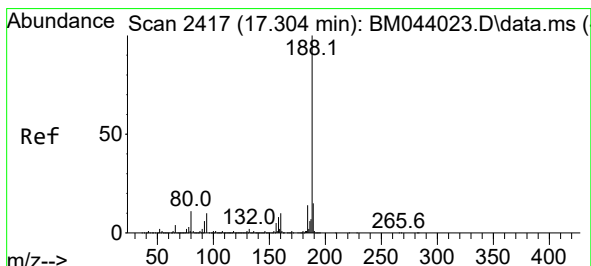
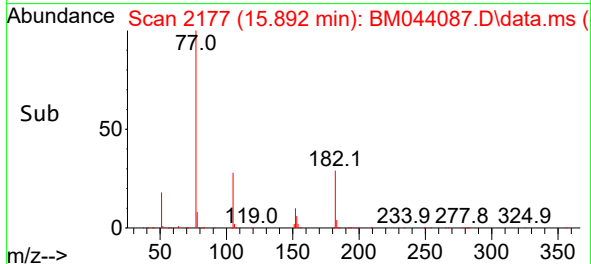
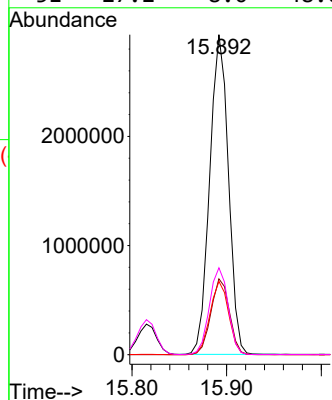
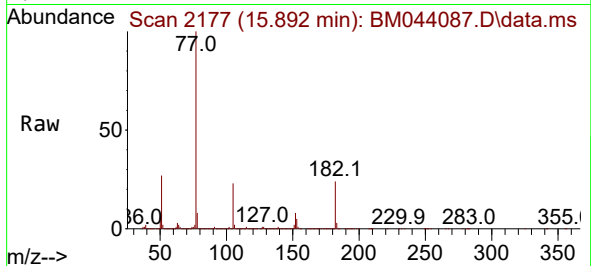




#63
Azobenzene
Concen: 48.099 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

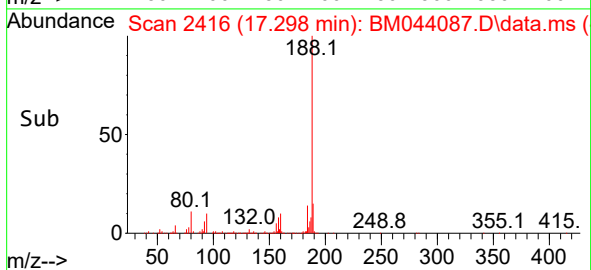
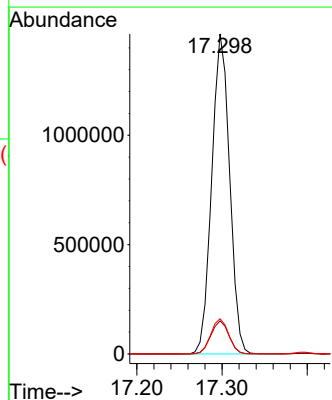
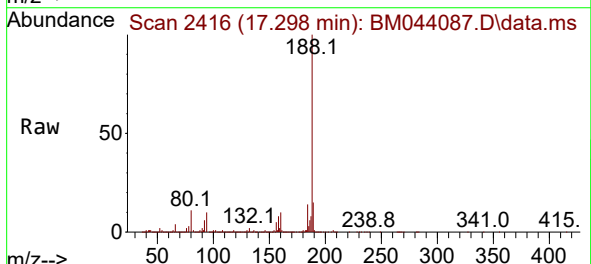
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

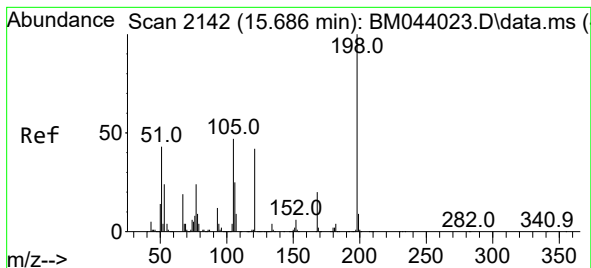
Tgt Ion: 77 Resp: 4010927
Ion Ratio Lower Upper
77 100
182 23.7 4.0 44.0
105 22.9 3.3 43.3
51 27.2 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:188 Resp: 2132752
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 11.0 8.8 13.2

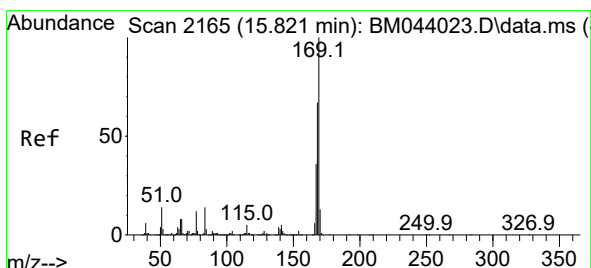
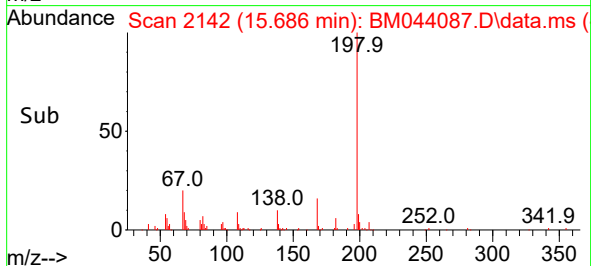
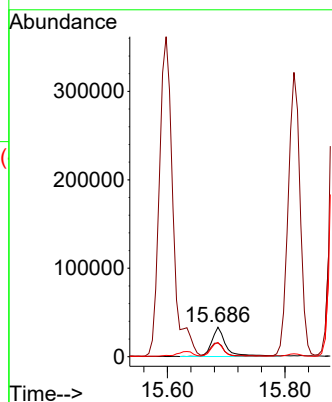
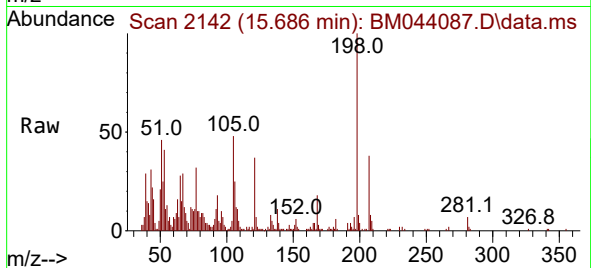




#65
4,6-Dinitro-2-methylphenol
Concen: 4.340 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

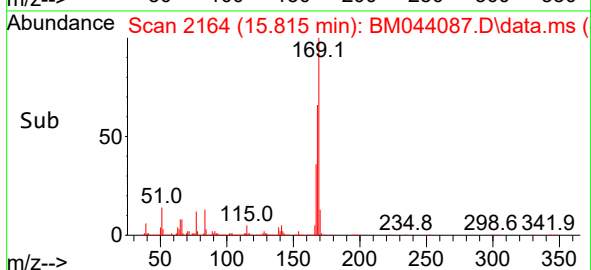
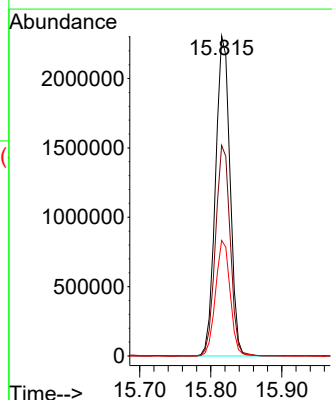
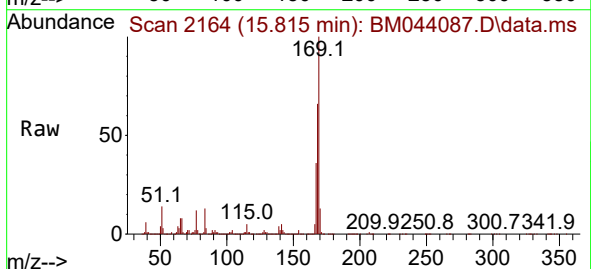
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

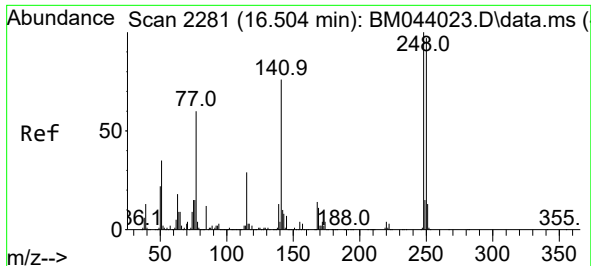
Tgt Ion:198 Resp: 55156
Ion Ratio Lower Upper
198 100
51 46.4 29.9 69.9
105 48.4 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 50.288 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:169 Resp: 3258450
Ion Ratio Lower Upper
169 100
168 65.8 53.8 80.8
167 36.1 29.2 43.8

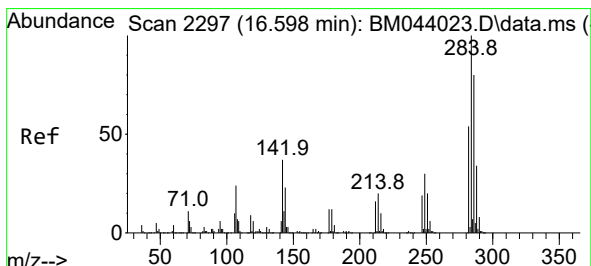
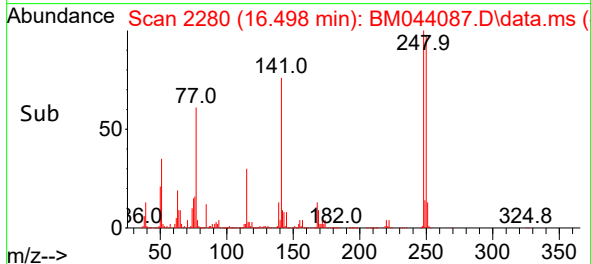
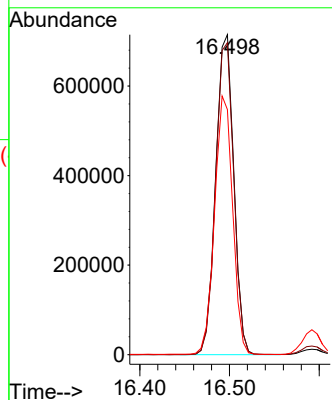
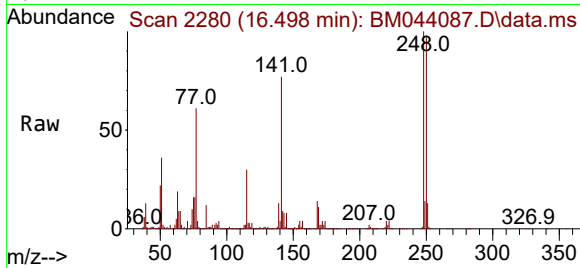




#67
4-Bromophenyl-phenylether
Concen: 47.532 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

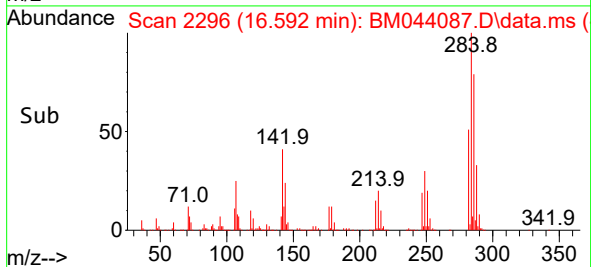
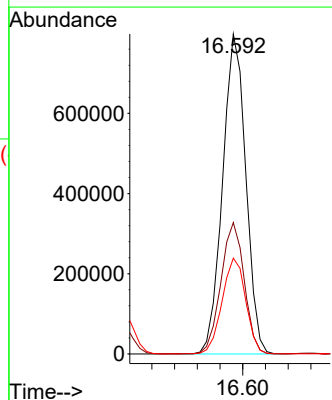
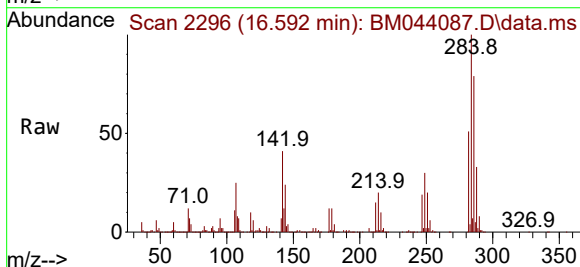
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

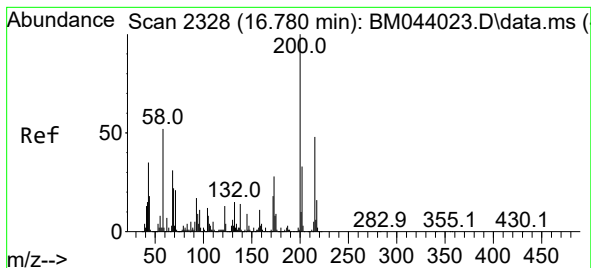
Tgt Ion:248 Resp: 1002280
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.2
141 76.6 61.0 91.6



#68
Hexachlorobenzene
Concen: 43.827 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:284 Resp: 1132054
Ion Ratio Lower Upper
284 100
142 41.1 30.0 45.0
249 29.9 24.1 36.1





#69

Atrazine

Concen: 56.323 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

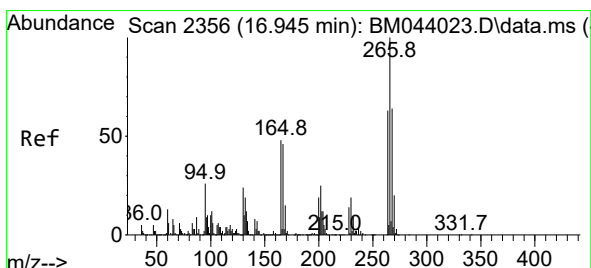
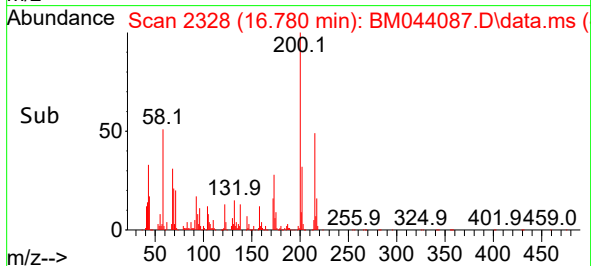
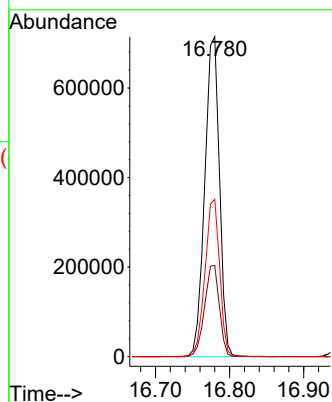
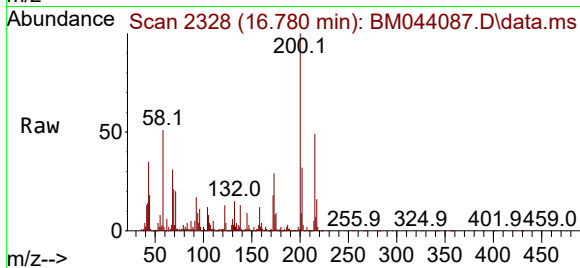
Tgt Ion:200 Resp: 988176

Ion Ratio Lower Upper

200 100

173 28.5 7.9 47.9

215 49.2 27.9 67.9



#70

Pentachlorophenol

Concen: 22.650 ng

RT: 16.956 min Scan# 2358

Delta R.T. 0.012 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

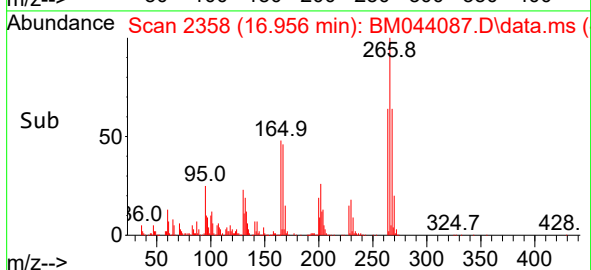
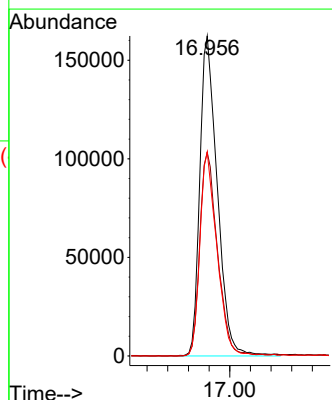
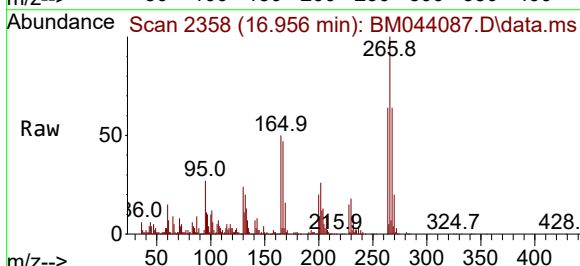
Tgt Ion:266 Resp: 380590

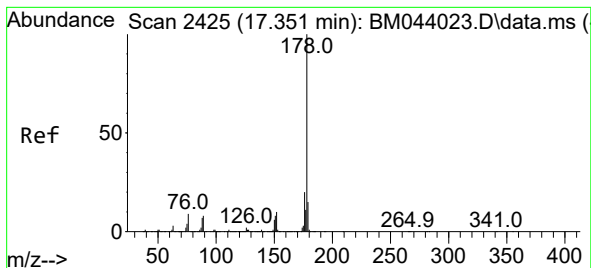
Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

264 63.7 50.5 75.7





#71

Phenanthrene

Concen: 47.733 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

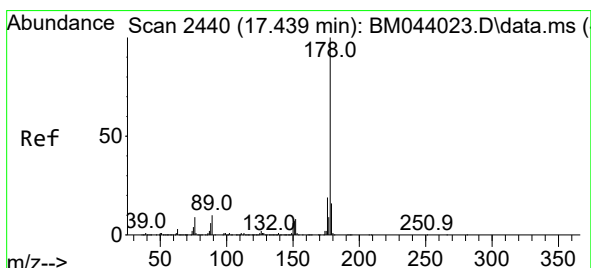
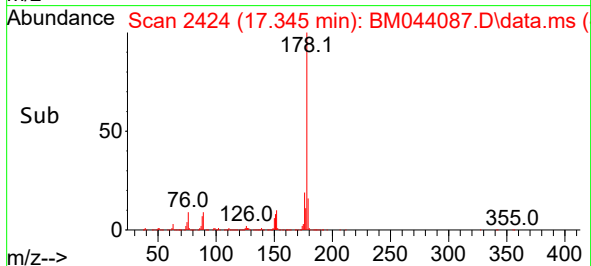
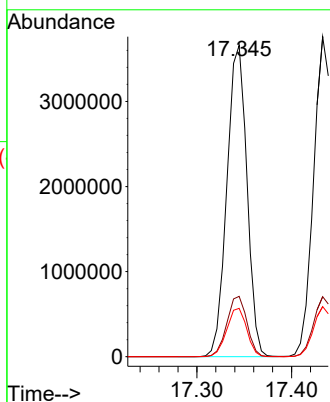
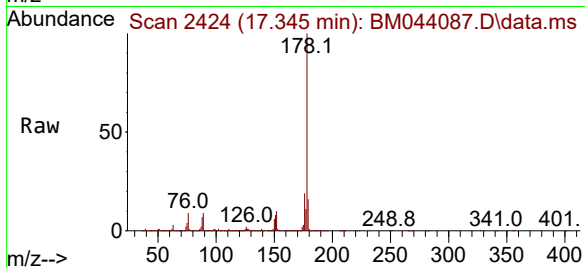
Tgt Ion:178 Resp: 5375881

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.5 12.2 18.4



#72

Anthracene

Concen: 48.682 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

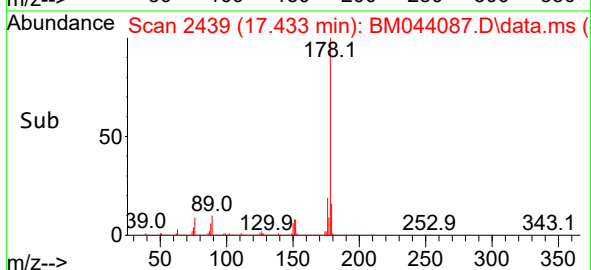
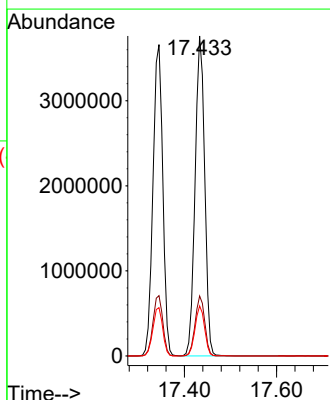
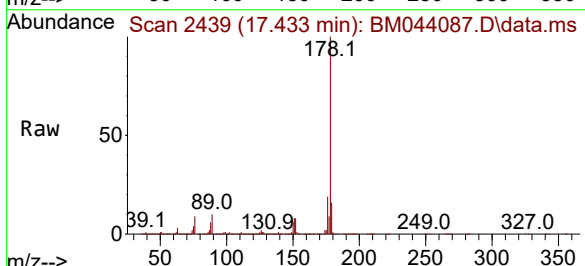
Tgt Ion:178 Resp: 5427901

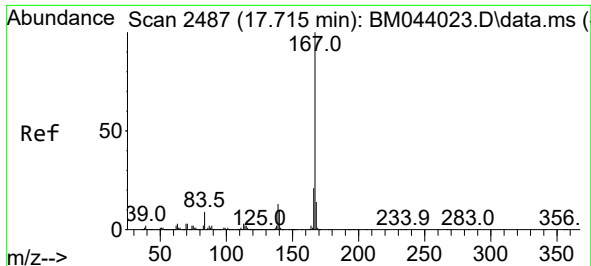
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.7 12.4 18.6

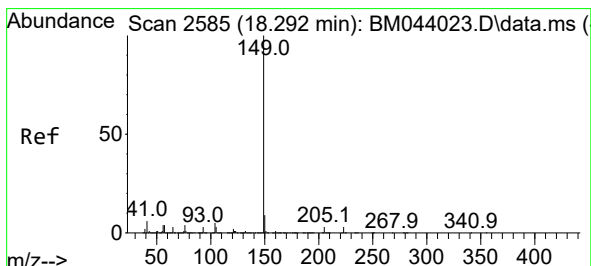
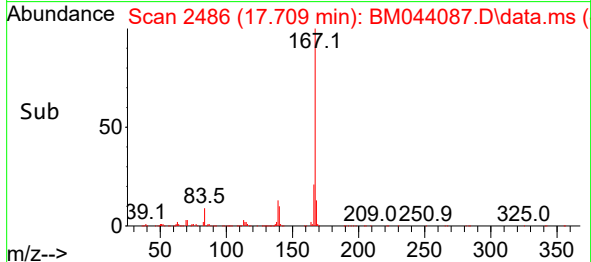
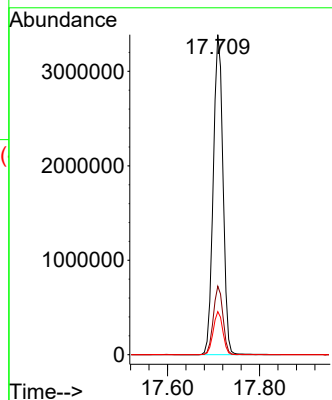
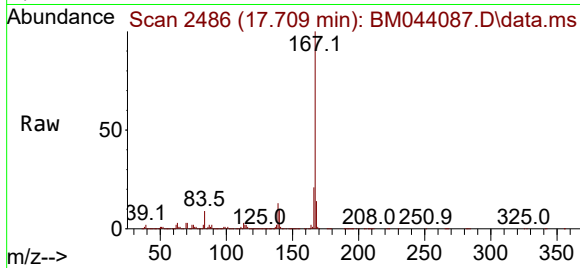




#73
 Carbazole
 Concen: 45.793 ng
 RT: 17.709 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BM044087.D
 Acq: 14 Feb 2024 17:50

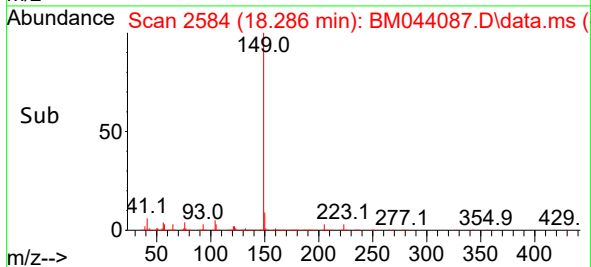
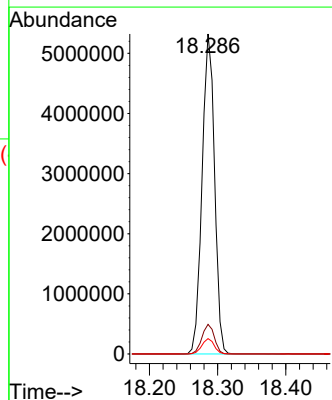
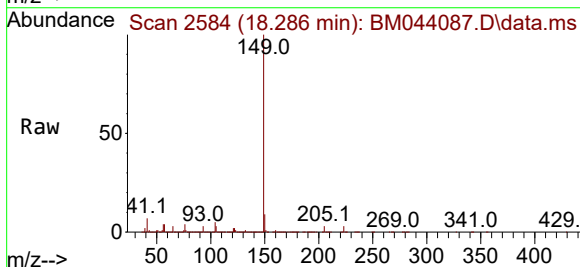
Instrument :
 BNA_M
 ClientSampleId :
 TP-3MSD

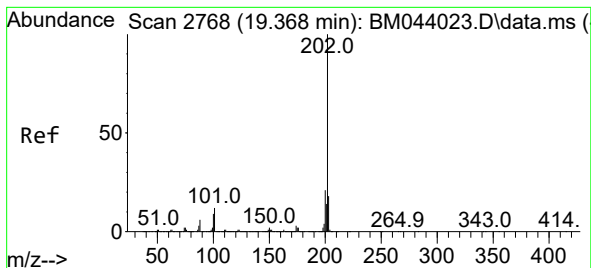
Tgt Ion:167 Resp: 4965435
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.8 25.2
 139 13.4 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 47.885 ng
 RT: 18.286 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM044087.D
 Acq: 14 Feb 2024 17:50

Tgt Ion:149 Resp: 6749075
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.8 3.8 5.6





#75

Fluoranthene

Concen: 43.900 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

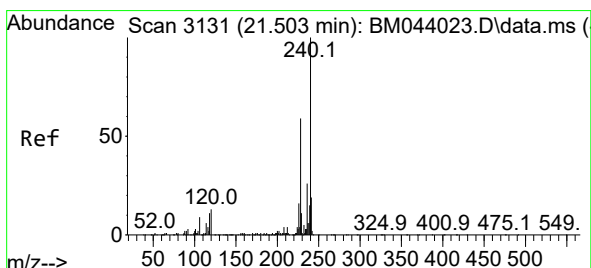
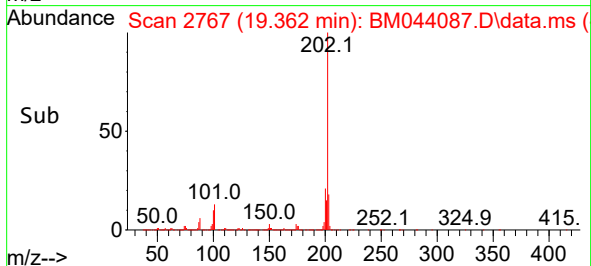
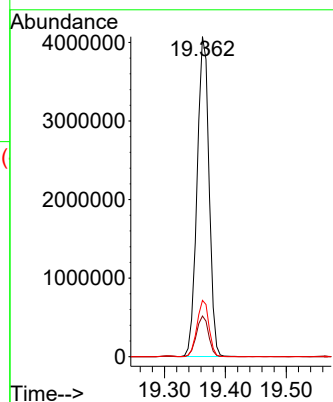
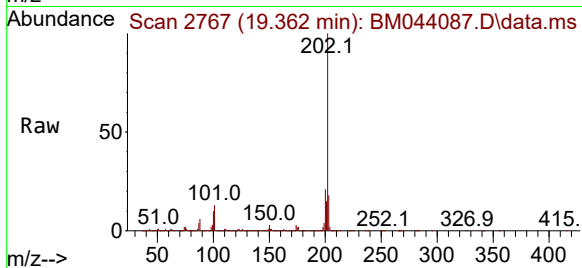
Tgt Ion:202 Resp: 5553826

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.4

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

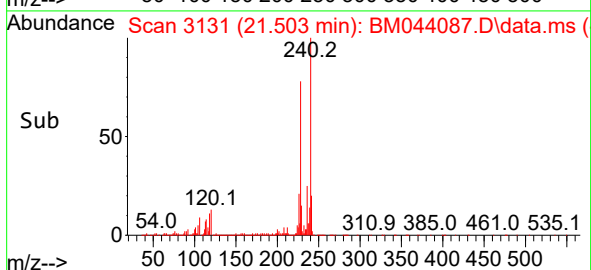
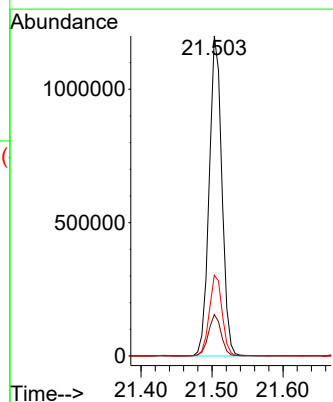
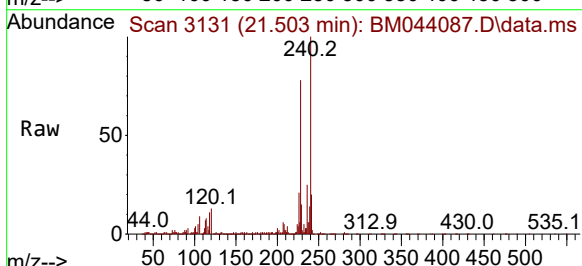
Tgt Ion:240 Resp: 1490957

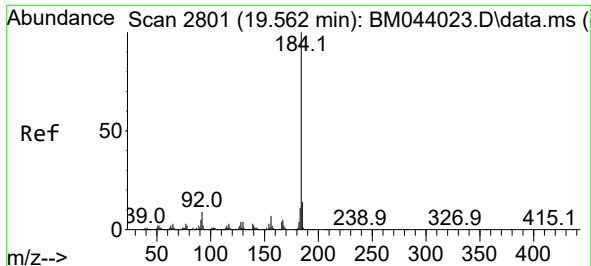
Ion Ratio Lower Upper

240 100

120 13.0 10.1 15.1

236 25.2 20.6 31.0

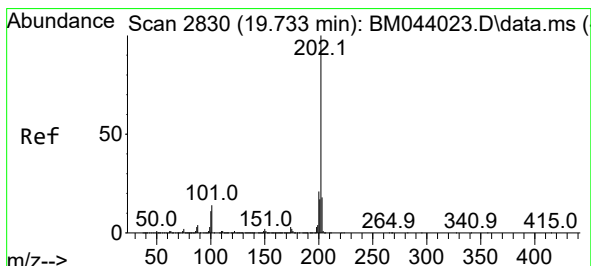
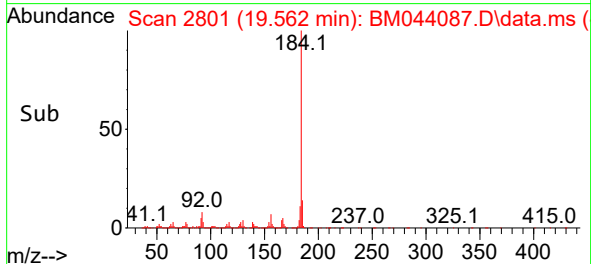
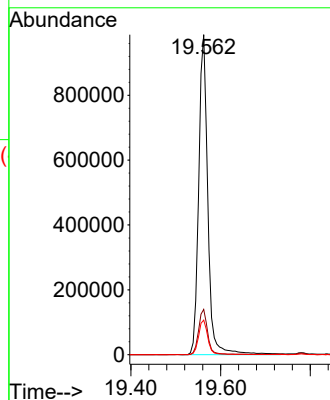
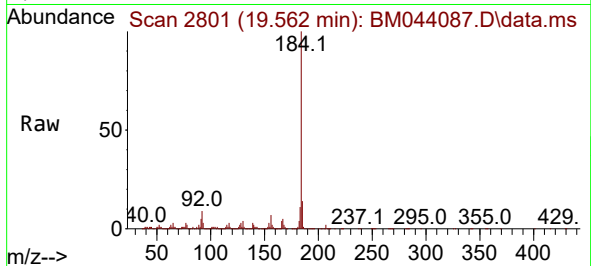




#77
Benzidine
Concen: 60.095 ng
RT: 19.562 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

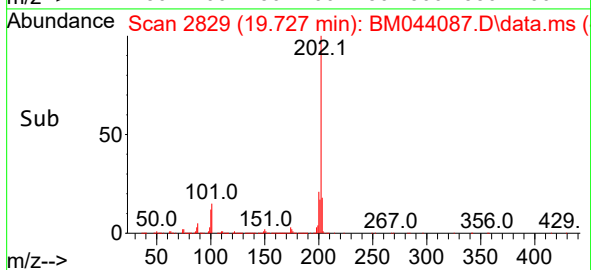
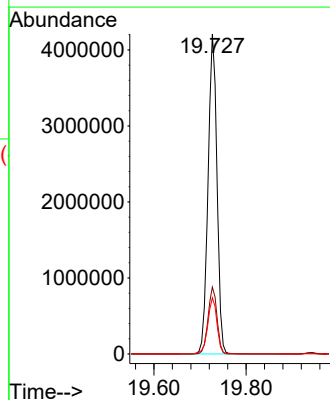
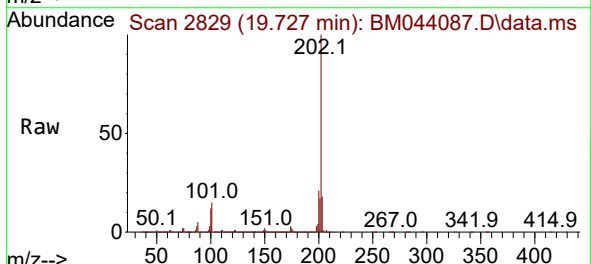
Instrument :
BNA_M
ClientSampleId :
TP-3MSD

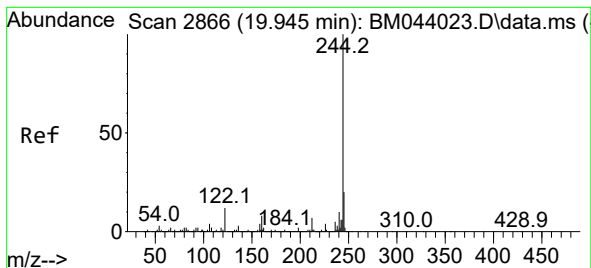
Tgt Ion:184 Resp: 1392414
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 10.8 9.0 13.4



#78
Pyrene
Concen: 49.685 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM044087.D
Acq: 14 Feb 2024 17:50

Tgt Ion:202 Resp: 5705195
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 85.236 ng

RT: 19.944 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

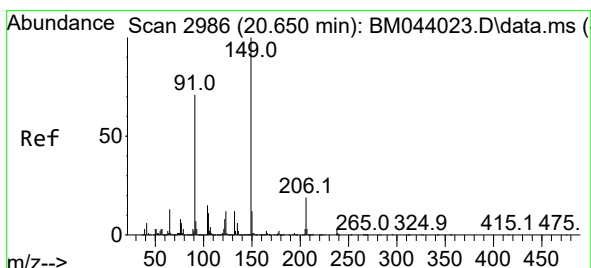
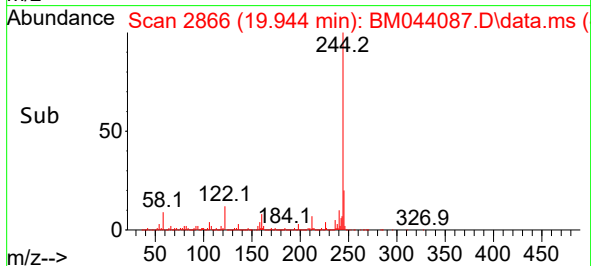
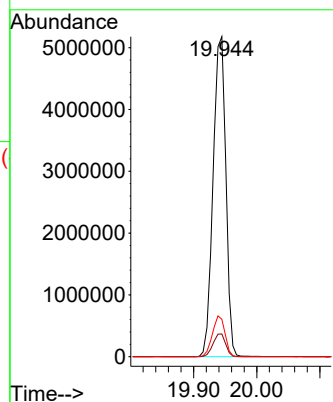
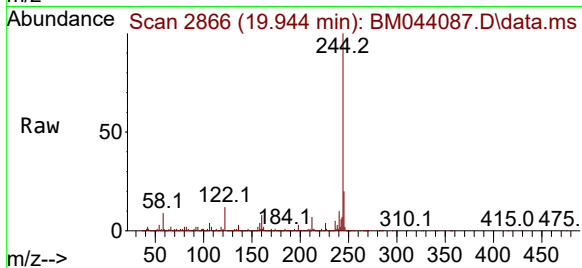
Tgt Ion:244 Resp: 7249329

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.7 9.5 14.3



#80

Butylbenzylphthalate

Concen: 55.100 ng

RT: 20.650 min Scan# 2986

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

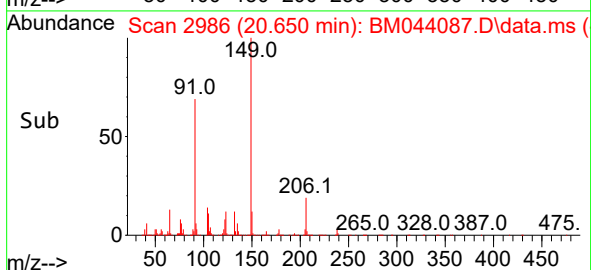
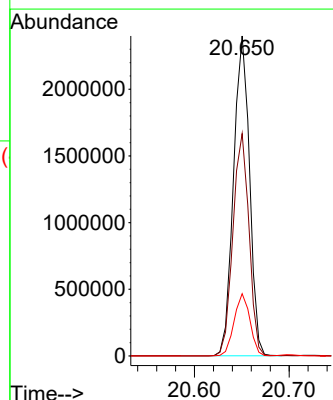
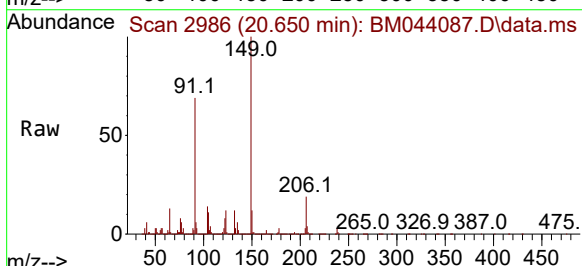
Tgt Ion:149 Resp: 2812357

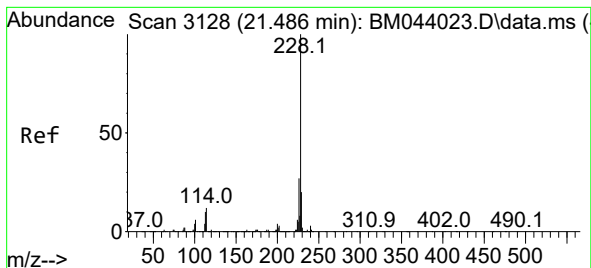
Ion Ratio Lower Upper

149 100

91 69.5 56.8 85.2

206 19.4 15.0 22.6





#81

Benzo(a)anthracene

Concen: 48.418 ng

RT: 21.491 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

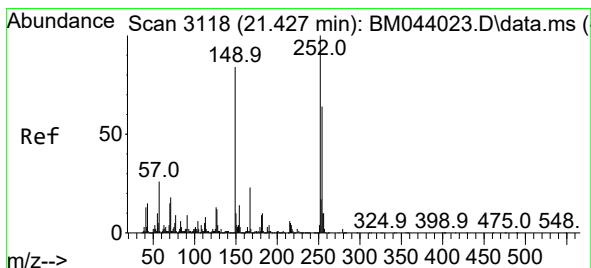
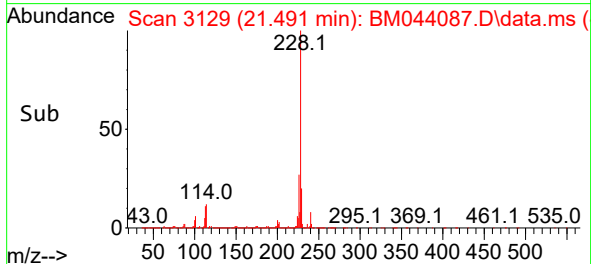
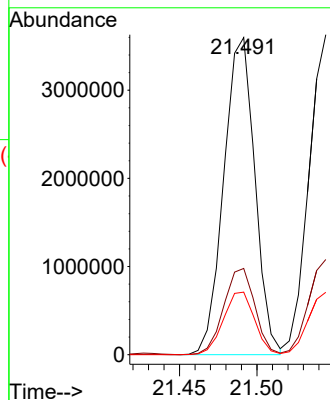
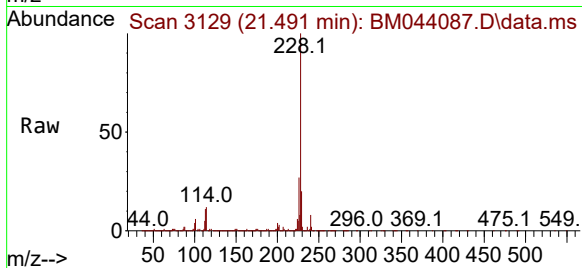
Tgt Ion:228 Resp: 5021436

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 38.716 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

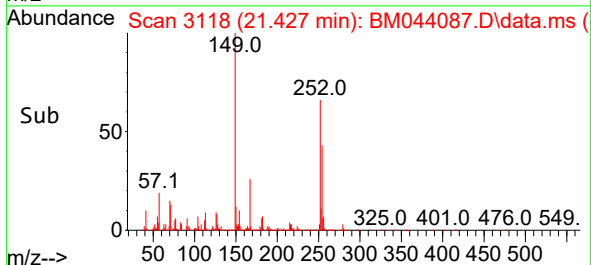
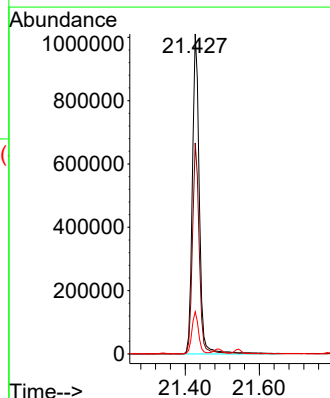
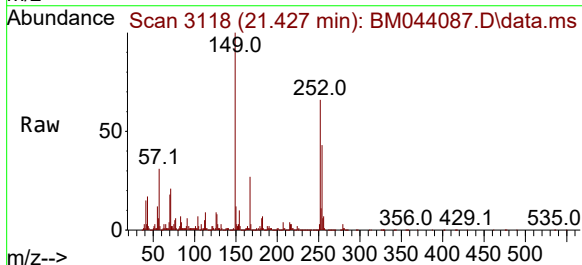
Tgt Ion:252 Resp: 1317433

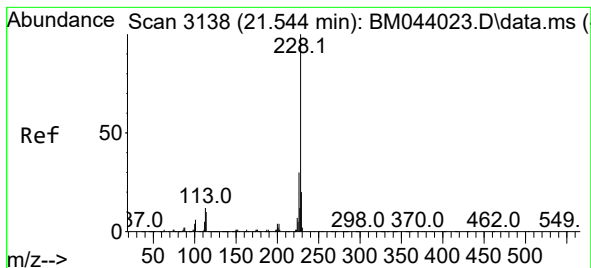
Ion Ratio Lower Upper

252 100

254 65.9 51.2 76.8

126 13.2 10.2 15.4





#83

Chrysene

Concen: 48.275 ng

RT: 21.544 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

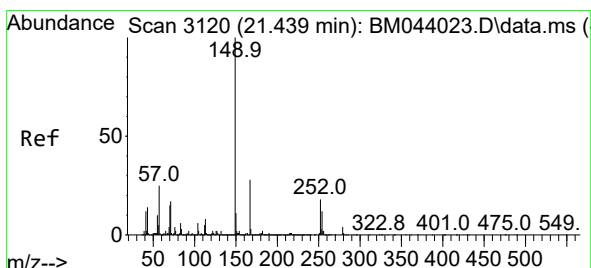
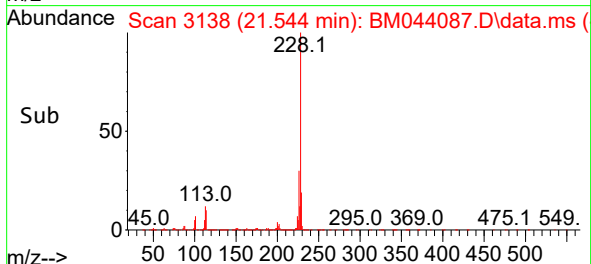
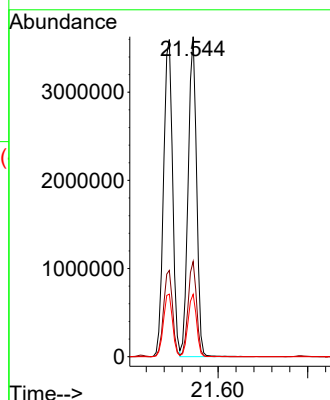
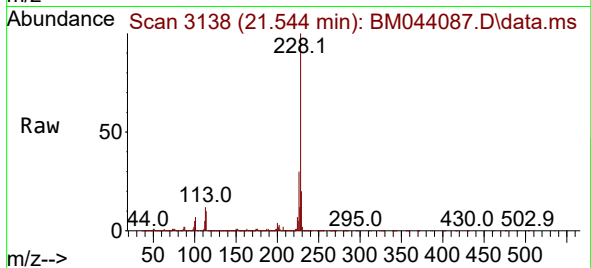
Tgt Ion:228 Resp: 4730078

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.640 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

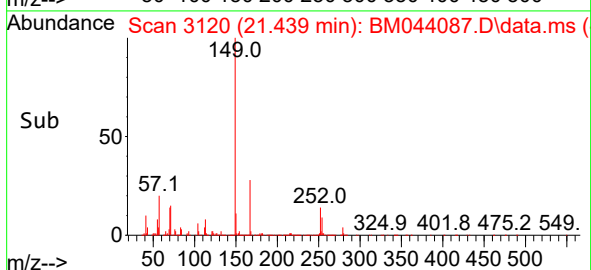
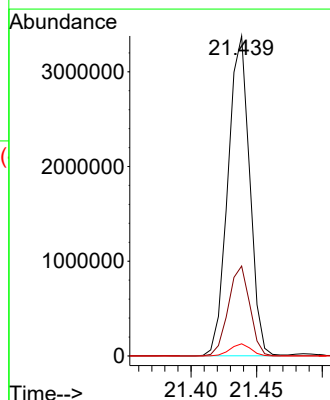
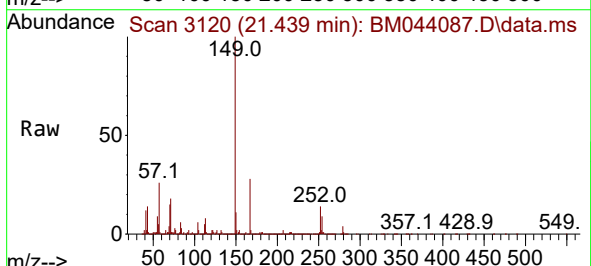
Tgt Ion:149 Resp: 3888977

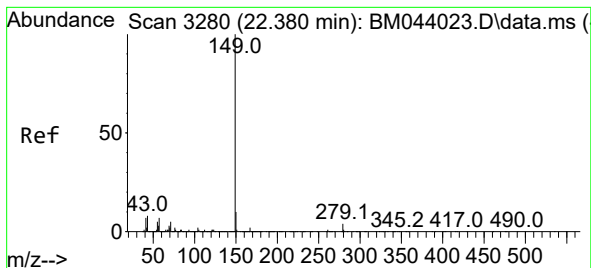
Ion Ratio Lower Upper

149 100

167 28.1 22.6 33.8

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.286 ng

RT: 22.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

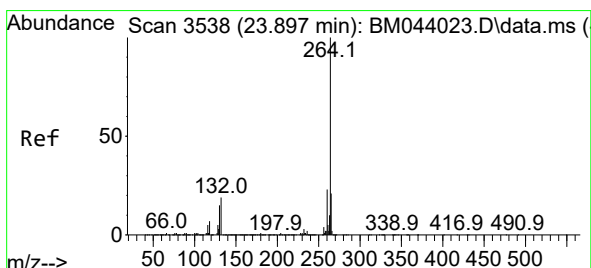
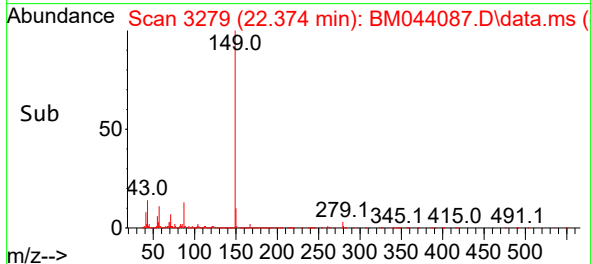
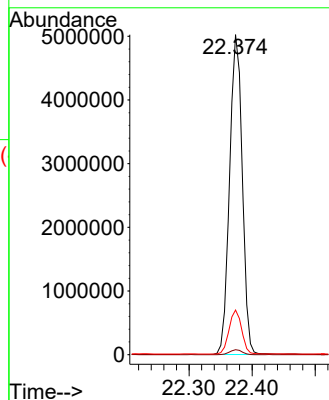
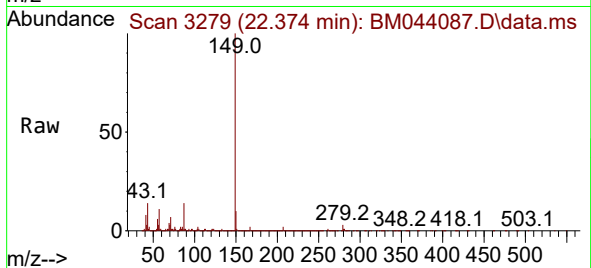
Tgt Ion:149 Resp: 7008464

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.6 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.897 min Scan# 3538

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

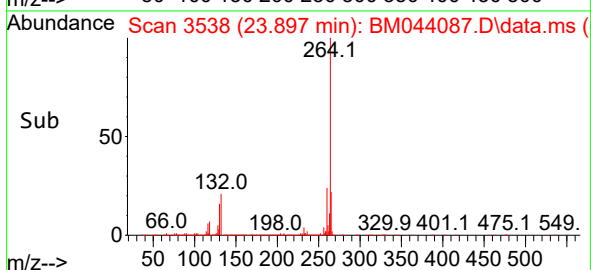
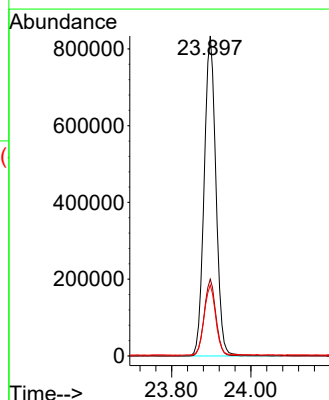
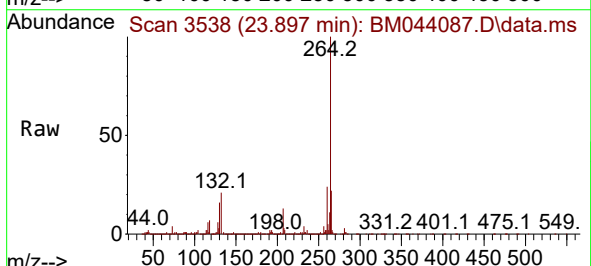
Tgt Ion:264 Resp: 1718554

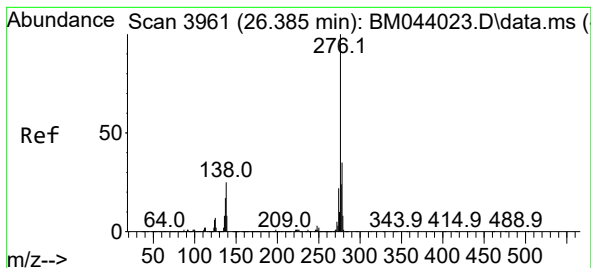
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.283 ng

RT: 26.391 min Scan# 3961

Delta R.T. 0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

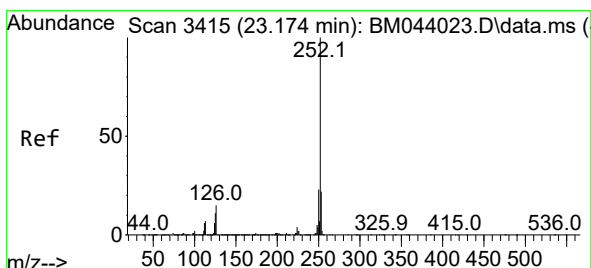
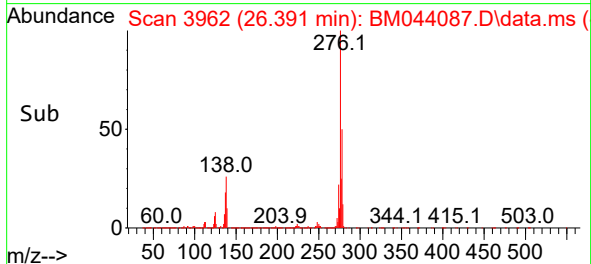
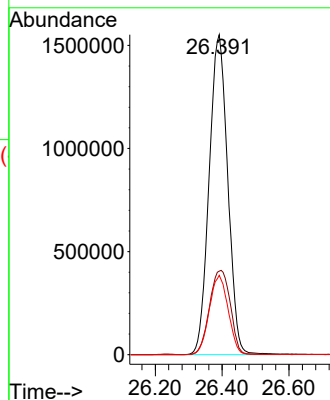
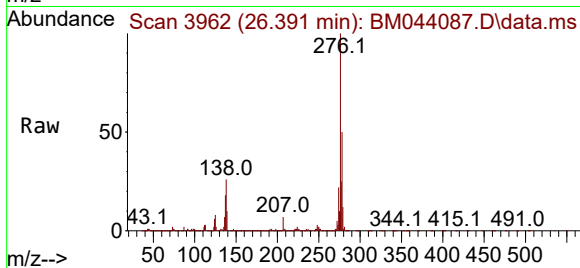
Tgt Ion:276 Resp: 5994512

Ion Ratio Lower Upper

276 100

138 29.4 22.6 34.0

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.131 ng

RT: 23.174 min Scan# 3415

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

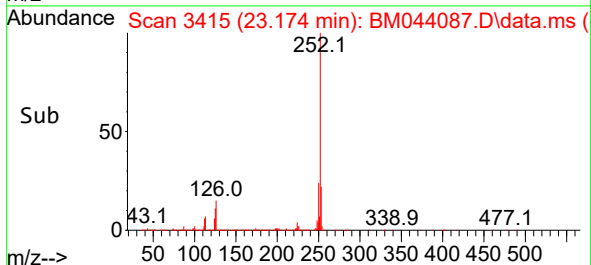
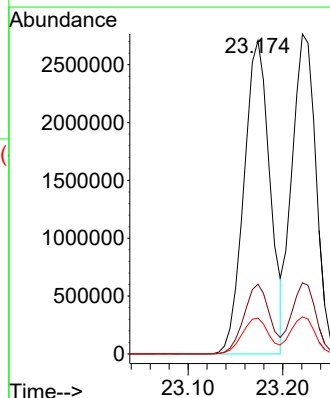
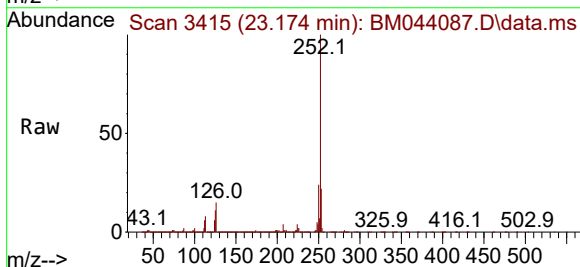
Tgt Ion:252 Resp: 5170630

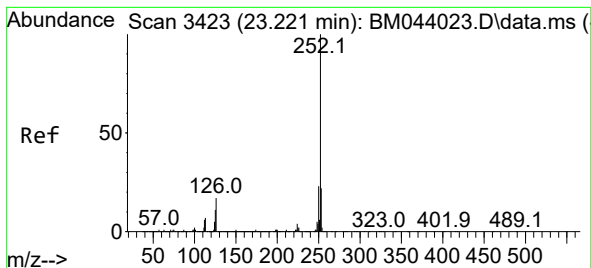
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.4 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 48.008 ng

RT: 23.221 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

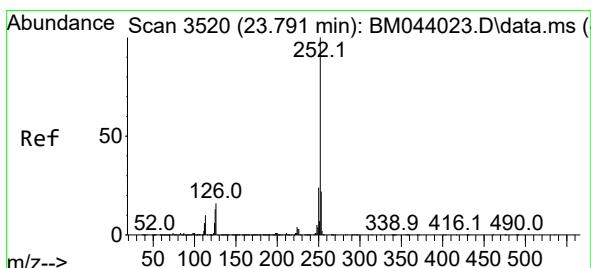
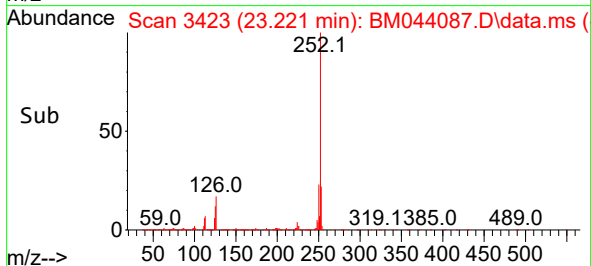
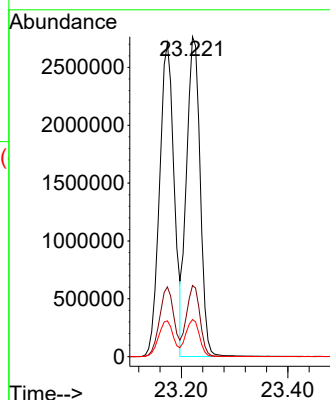
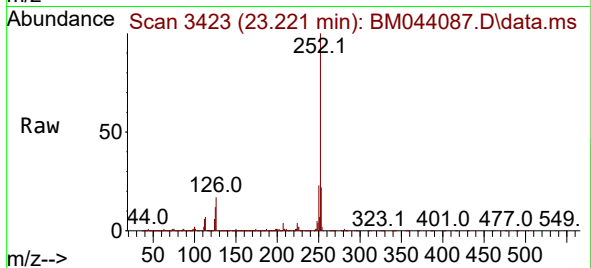
Tgt Ion:252 Resp: 4900694

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.6 9.0 13.4



#90

Benzo(a)pyrene

Concen: 50.143 ng

RT: 23.797 min Scan# 3521

Delta R.T. 0.006 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

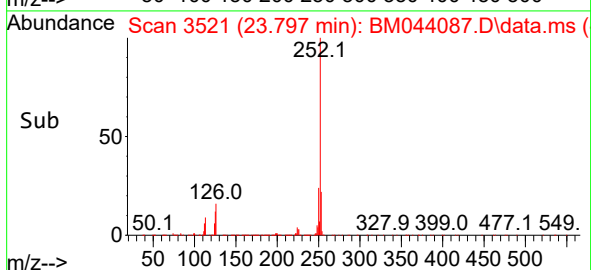
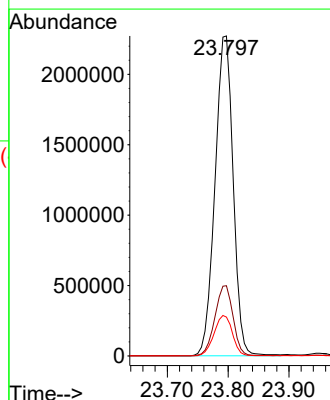
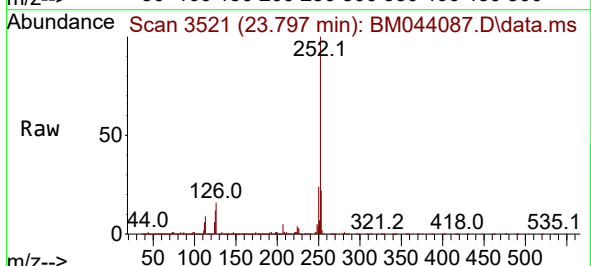
Tgt Ion:252 Resp: 4705130

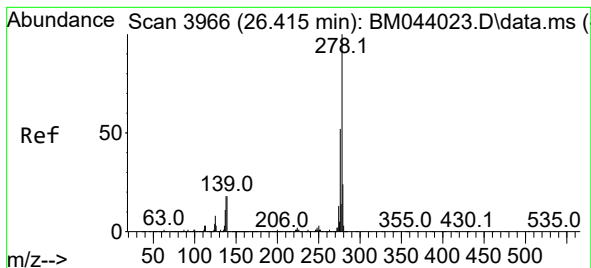
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 12.2 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 48.853 ng

RT: 26.415 min Scan# 3966

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3MSD

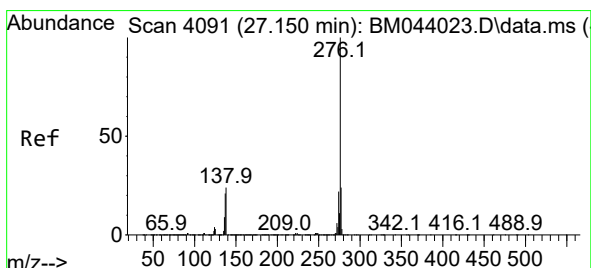
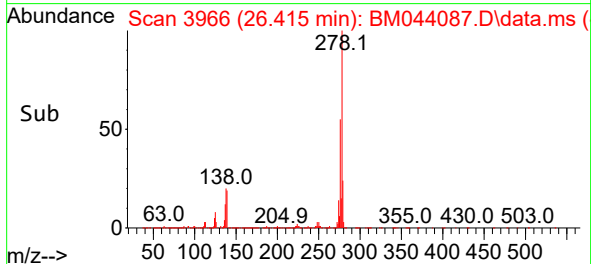
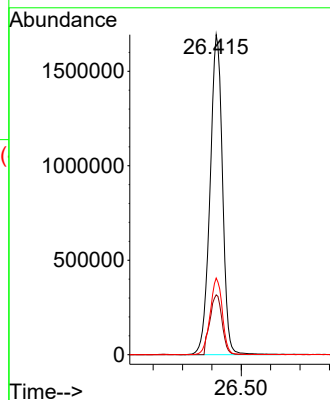
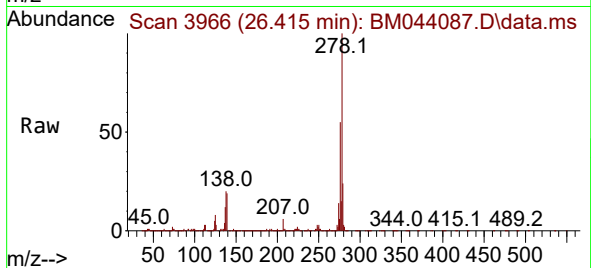
Tgt Ion:278 Resp: 4970427

Ion Ratio Lower Upper

278 100

139 18.7 14.5 21.7

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 47.273 ng

RT: 27.150 min Scan# 4091

Delta R.T. -0.000 min

Lab File: BM044087.D

Acq: 14 Feb 2024 17:50

Tgt Ion:276 Resp: 4877782

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 24.9 19.1 28.7

