

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041266.D
 Acq On : 03 Aug 2023 17:46
 Operator : MA/JU
 Sample : 03717-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2MS

Quant Time: Aug 04 01:21:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	138186	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	626490	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	429423	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	963869	20.000	ng	0.00
76) Chrysene-d12	21.427	240	808832	20.000	ng	0.00
86) Perylene-d12	23.797	264	796165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	876392	94.788	ng	0.00
7) Phenol-d6	6.987	99	1209126	100.889	ng	0.00
23) Nitrobenzene-d5	8.975	82	758371	56.294	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	617557	101.673	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1832307	53.902	ng	0.00
79) Terphenyl-d14	19.862	244	3100561	69.310	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	121704	30.770	ng	96
3) Pyridine	3.663	79	331035	31.831	ng	95
4) n-Nitrosodimethylamine	3.581	42	178928	37.201	ng	91
6) Aniline	7.134	93	628205	44.789	ng	98
8) 2-Chlorophenol	7.363	128	490310	54.321	ng	99
9) Benzaldehyde	6.946	77	262460	41.503	ng	98
10) Phenol	7.010	94	640185	55.306	ng	99
11) bis(2-Chloroethyl)ether	7.234	93	459062	48.994	ng	95
12) 1,3-Dichlorobenzene	7.681	146	480004	48.855	ng	98
13) 1,4-Dichlorobenzene	7.834	146	498003	50.429	ng	99
14) 1,2-Dichlorobenzene	8.145	146	483743	51.088	ng	98
15) Benzyl Alcohol	8.057	79	472690	62.455	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	584578	46.826	ng	96
17) 2-Methylphenol	8.257	107	436624	55.212	ng	98
18) Hexachloroethane	8.863	117	148001	40.256	ng	91
19) n-Nitroso-di-n-propyla...	8.616	70	400934	55.077	ng	96
20) 3+4-Methylphenols	8.592	107	603027	57.031	ng	98
22) Acetophenone	8.634	105	743680	44.821	ng	# 98
24) Nitrobenzene	9.016	77	578851	42.489	ng	100
25) Isophorone	9.545	82	1127997	49.326	ng	99
26) 2-Nitrophenol	9.728	139	211571	39.726	ng	93
27) 2,4-Dimethylphenol	9.792	122	459015	48.980	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	664766	46.407	ng	99
29) 2,4-Dichlorophenol	10.263	162	527911	55.859	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	515972	49.415	ng	99
31) Naphthalene	10.657	128	1524081	44.830	ng	99
32) Benzoic acid	9.981	122	394389	54.835	ng	98
33) 4-Chloroaniline	10.786	127	451550	33.236	ng	98
34) Hexachlorobutadiene	10.922	225	315130	50.181	ng	99
35) Caprolactam	11.616	113	154145	56.382	ng	89
36) 4-Chloro-3-methylphenol	11.922	107	577732	58.080	ng	97
37) 2-Methylnaphthalene	12.275	142	1117979	48.777	ng	99
38) 1-Methylnaphthalene	12.498	142	1064941	49.643	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	625883	44.886	ng	98
41) Hexachlorocyclopentadiene	12.610	237	347209	47.067	ng	97
43) 2,4,6-Trichlorophenol	12.898	196	465791	52.118	ng	99

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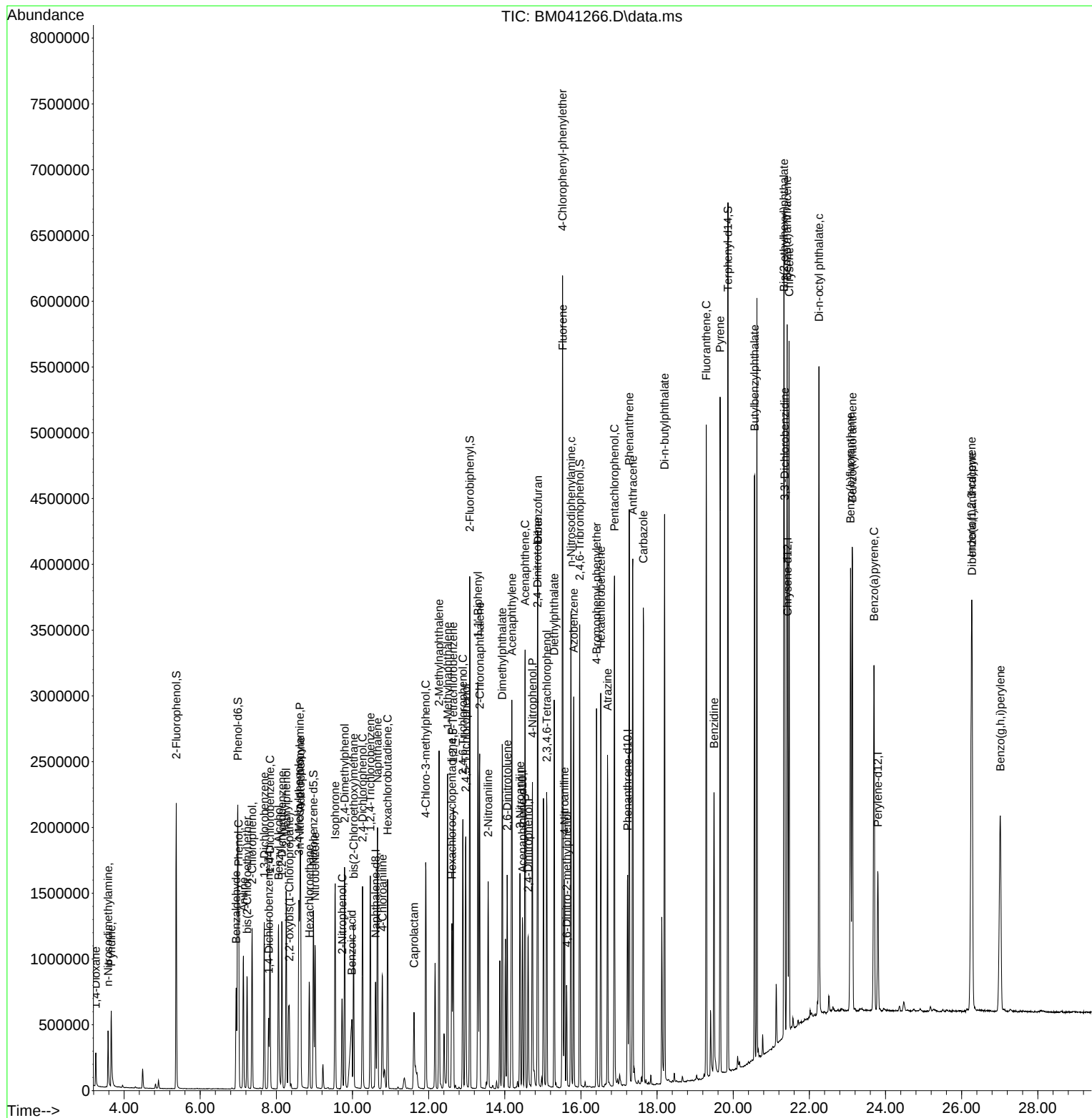
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	509222	49.228	ng	96
46) 1,1'-Biphenyl	13.292	154	1503338	43.183	ng	99
47) 2-Chloronaphthalene	13.339	162	1184328	45.562	ng	98
48) 2-Nitroaniline	13.563	65	419923	50.610	ng	96
49) Acenaphthylene	14.186	152	1927169	45.933	ng	100
50) Dimethylphthalate	13.933	163	1705723	52.806	ng	100
51) 2,6-Dinitrotoluene	14.063	165	307197	45.898	ng	97
52) Acenaphthene	14.533	154	1145426	45.318	ng	100
53) 3-Nitroaniline	14.398	138	386576	49.811	ng	95
54) 2,4-Dinitrophenol	14.616	184	250228	57.160	ng	# 87
55) Dibenzofuran	14.869	168	1880941	45.612	ng	99
56) 4-Nitrophenol	14.727	139	590309	105.827	ng	94
57) 2,4-Dinitrotoluene	14.857	165	424287	44.592	ng	95
58) Fluorene	15.521	166	1537837	47.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	444202	53.030	ng	95
60) Diethylphthalate	15.298	149	1582579	50.663	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	813852	49.923	ng	96
62) 4-Nitroaniline	15.569	138	383346	53.209	ng	98
63) Azobenzene	15.810	77	1588296	46.418	ng	96
65) 4,6-Dinitro-2-methylph...	15.627	198	165505	28.344	ng	86
66) n-Nitrosodiphenylamine	15.739	169	1326538	44.252	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	513912	48.629	ng	99
68) Hexachlorobenzene	16.521	284	598340	50.917	ng	97
69) Atrazine	16.698	200	441527	56.085	ng	99
70) Pentachlorophenol	16.880	266	716526	88.055	ng	99
71) Phenanthrene	17.268	178	2417447	45.141	ng	99
72) Anthracene	17.363	178	2440590	46.079	ng	100
73) Carbazole	17.639	167	2249785	46.931	ng	100
74) Di-n-butylphthalate	18.198	149	2981649	55.041	ng	99
75) Fluoranthene	19.292	202	2835727	47.132	ng	99
77) Benzidine	19.498	184	1380788	125.250	ng	99
78) Pyrene	19.657	202	2878915	50.898	ng	99
80) Butylbenzylphthalate	20.562	149	1316794	63.750	ng	93
81) Benzo(a)anthracene	21.415	228	2665561	48.613	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	1046657	58.497	ng	99
83) Chrysene	21.468	228	2434656	45.906	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1965718	59.295	ng	# 97
85) Di-n-octyl phthalate	22.250	149	3215406	61.593	ng	96
87) Indeno(1,2,3-cd)pyrene	26.262	276	2525711	43.149	ng	96
88) Benzo(b)fluoranthene	23.080	252	2460856	52.030	ng	98
89) Benzo(k)fluoranthene	23.127	252	2437590	50.384	ng	99
90) Benzo(a)pyrene	23.697	252	2087719	45.939	ng	98
91) Dibenzo(a,h)anthracene	26.274	278	2145489	43.944	ng	97
92) Benzo(g,h,i)perylene	27.015	276	1968624	41.208	ng	96

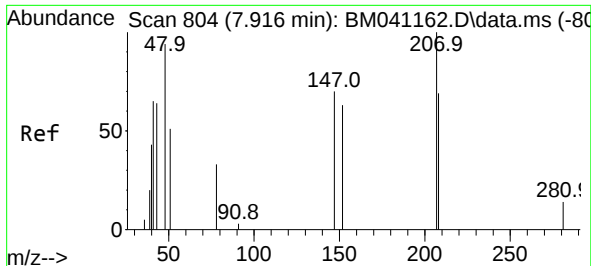
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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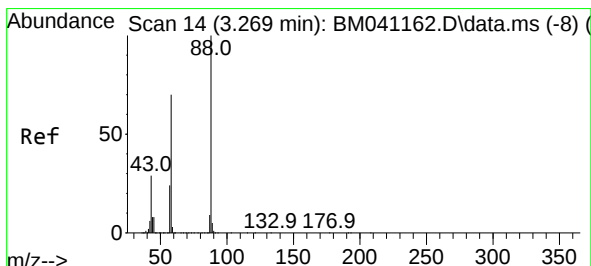
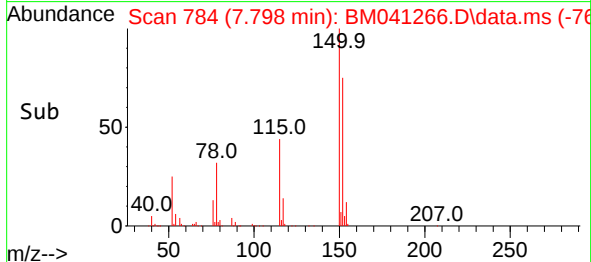
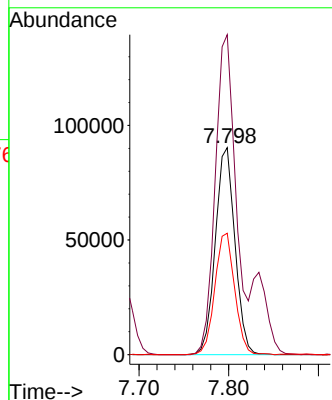
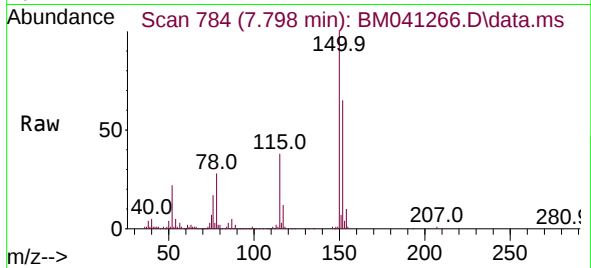




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: BM041266.D
 Acq: 03 Aug 2023 17:46

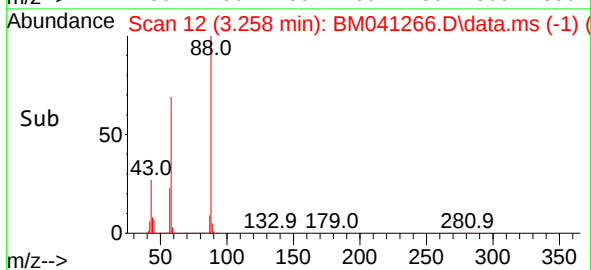
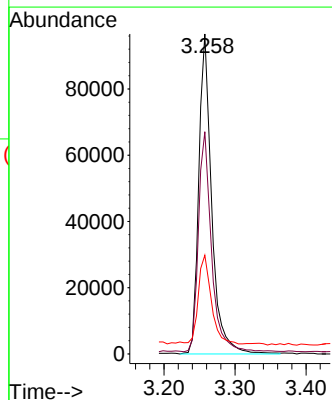
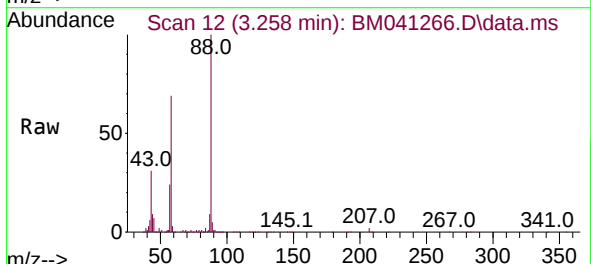
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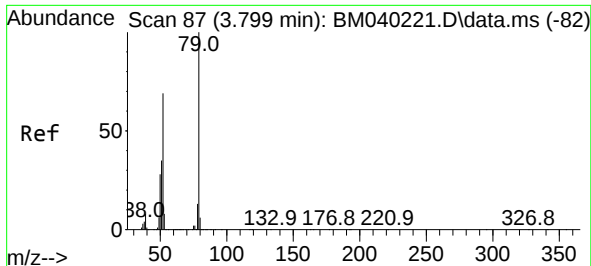
Tgt Ion:152 Resp: 138186
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.5 188.3
 115 58.7 48.0 72.0



#2
 1,4-Dioxane
 Concen: 30.770 ng
 RT: 3.258 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: BM041266.D
 Acq: 03 Aug 2023 17:46

Tgt Ion: 88 Resp: 121704
 Ion Ratio Lower Upper
 88 100
 58 69.7 58.2 87.4
 43 28.0 24.4 36.6

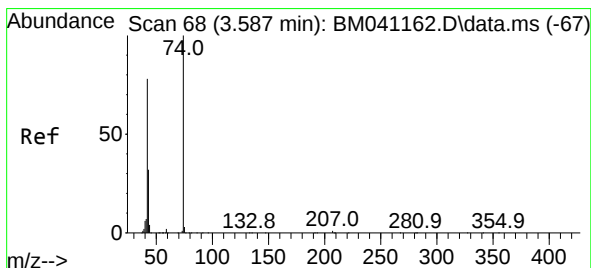
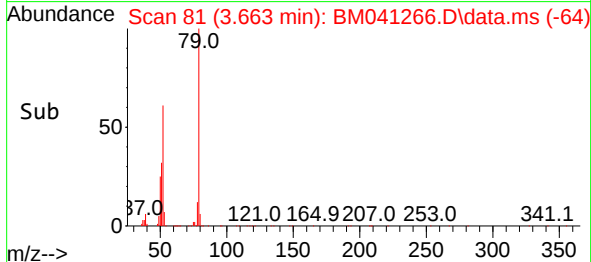
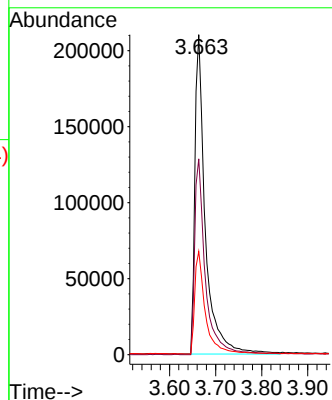
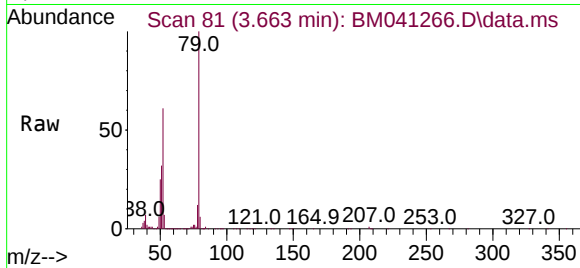




#3
 Pyridine
 Concen: 31.831 ng
 RT: 3.663 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM041266.D
 Acq: 03 Aug 2023 17:46

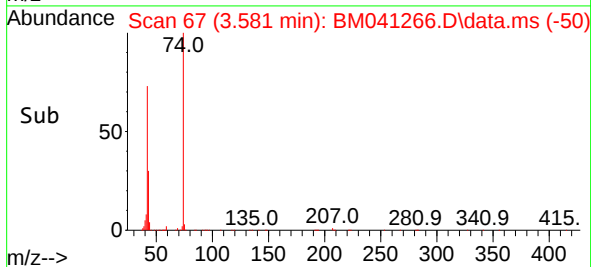
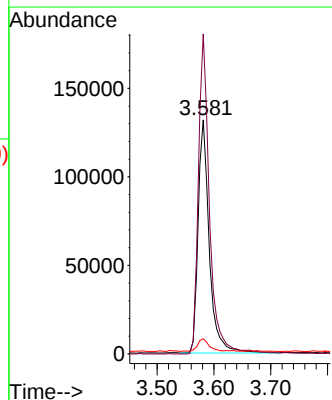
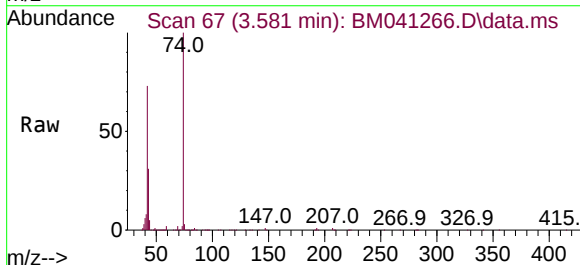
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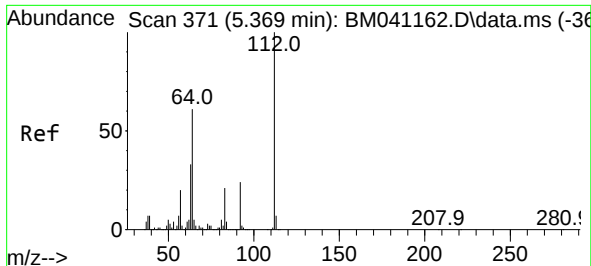
Tgt Ion: 79 Resp: 331035
 Ion Ratio Lower Upper
 79 100
 52 61.2 52.1 78.1
 51 32.2 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 37.201 ng
 RT: 3.581 min Scan# 67
 Delta R.T. -0.000 min
 Lab File: BM041266.D
 Acq: 03 Aug 2023 17:46

Tgt Ion: 42 Resp: 178928
 Ion Ratio Lower Upper
 42 100
 74 136.7 100.8 151.2
 44 6.5 5.0 7.4

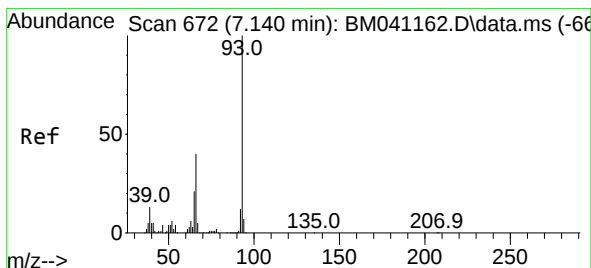
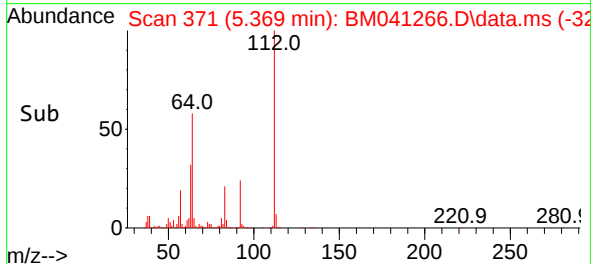
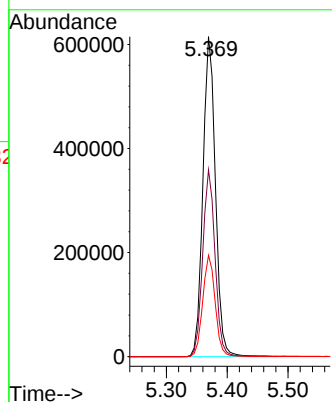
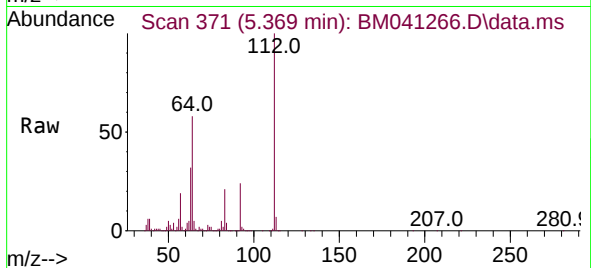




#5
2-Fluorophenol
Concen: 94.788 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

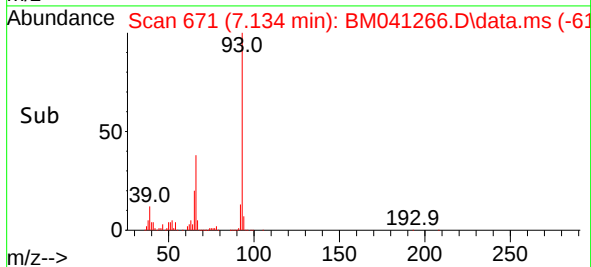
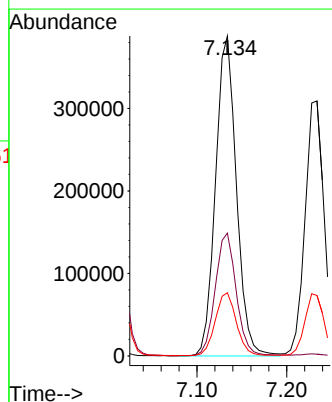
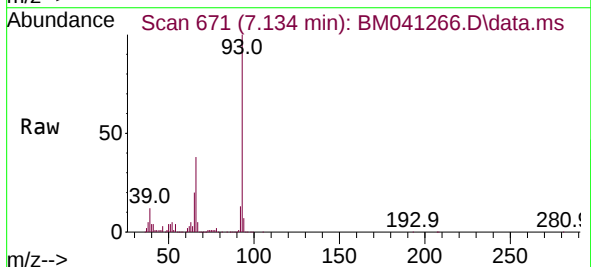
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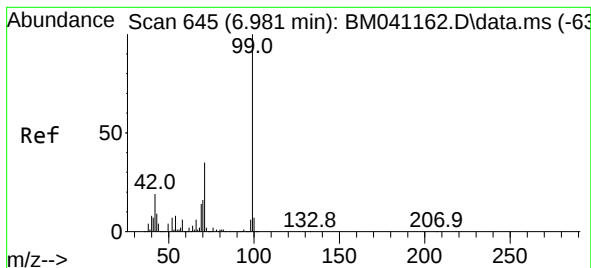
Tgt Ion:112 Resp: 876392
Ion Ratio Lower Upper
112 100
64 58.4 48.5 72.7
63 31.7 26.5 39.7



#6
Aniline
Concen: 44.789 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion: 93 Resp: 628205
Ion Ratio Lower Upper
93 100
66 38.4 32.0 48.0
65 19.7 16.6 24.8





#7

Phenol-d6

Concen: 100.889 ng

RT: 6.987 min Scan# 64

Delta R.T. 0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

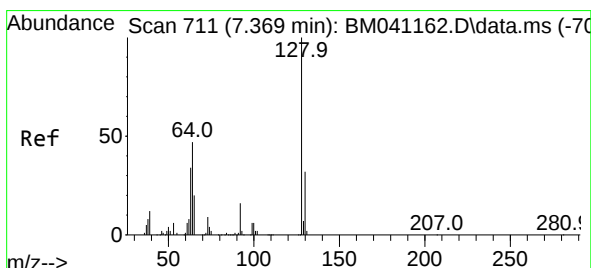
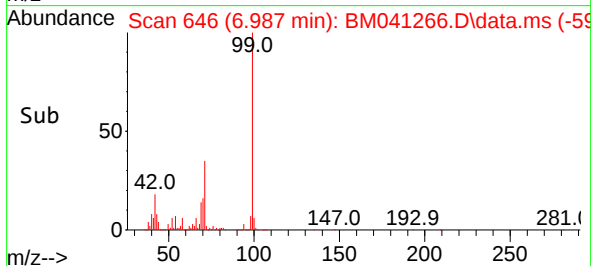
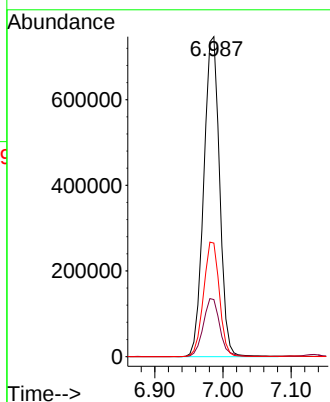
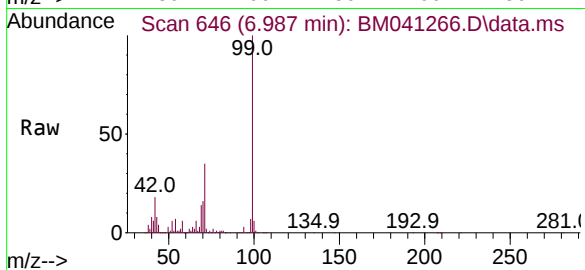
Tgt Ion: 99 Resp: 1209126

Ion Ratio Lower Upper

99 100

42 17.8 15.4 23.0

71 35.5 28.2 42.4



#8

2-Chlorophenol

Concen: 54.321 ng

RT: 7.363 min Scan# 710

Delta R.T. -0.000 min

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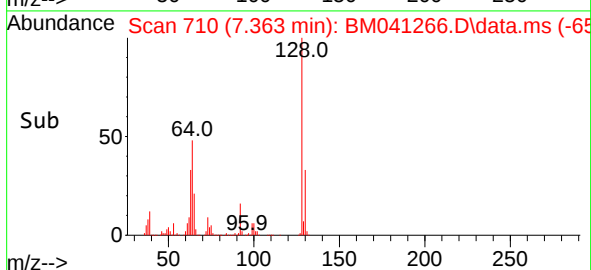
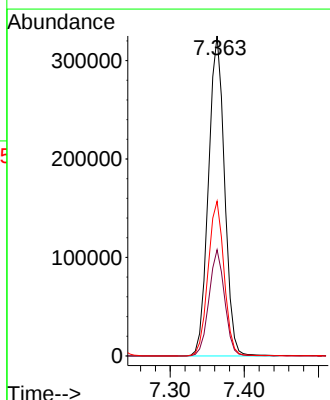
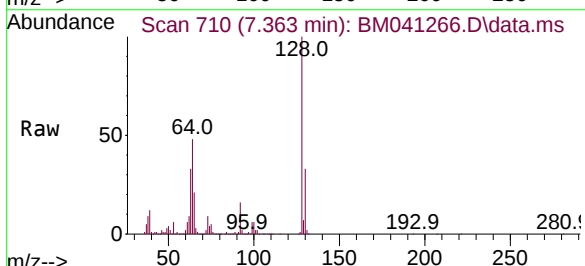
Tgt Ion: 128 Resp: 490310

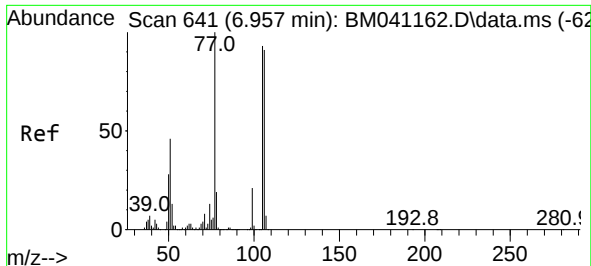
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 48.3 29.3 69.3

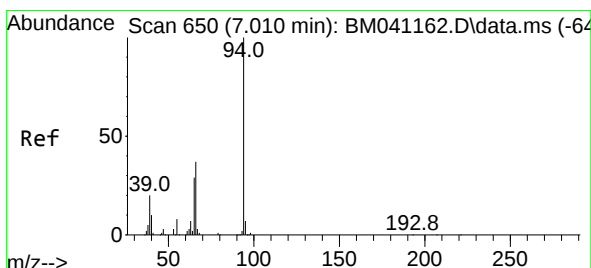
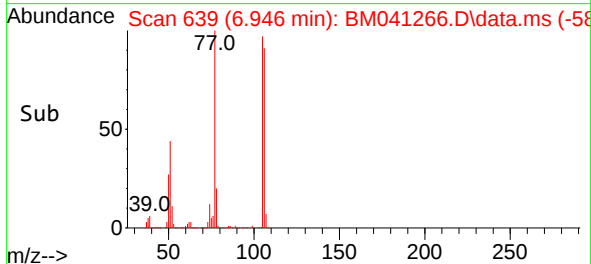
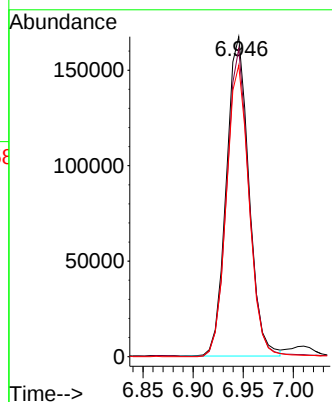
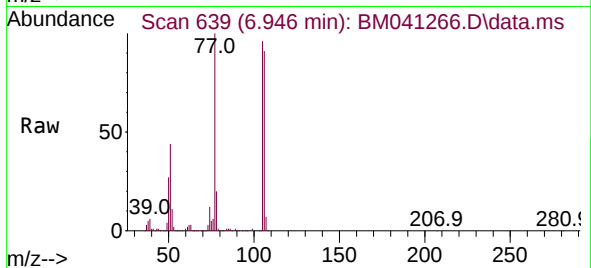




#9
Benzaldehyde
Concen: 41.503 ng
RT: 6.946 min Scan# 639
Delta R.T. -0.000 min
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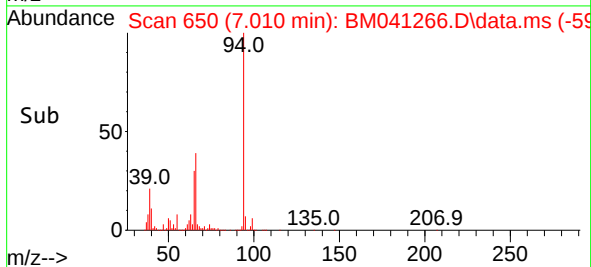
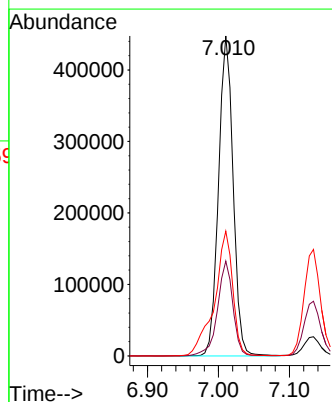
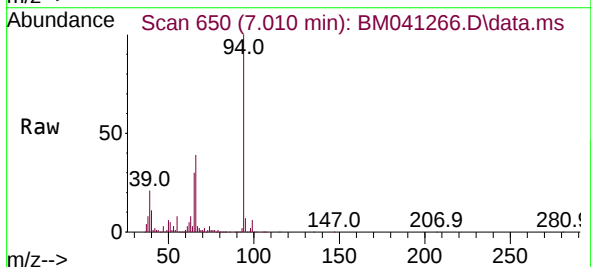
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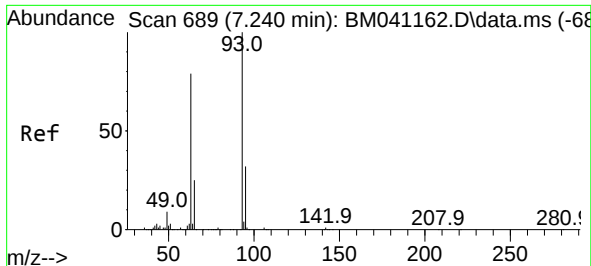
Tgt Ion: 77 Resp: 262460
Ion Ratio Lower Upper
77 100
105 96.3 72.8 112.8
106 91.0 70.8 110.8



#10
Phenol
Concen: 55.306 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion: 94 Resp: 640185
Ion Ratio Lower Upper
94 100
65 29.6 9.5 49.5
66 39.0 18.0 58.0

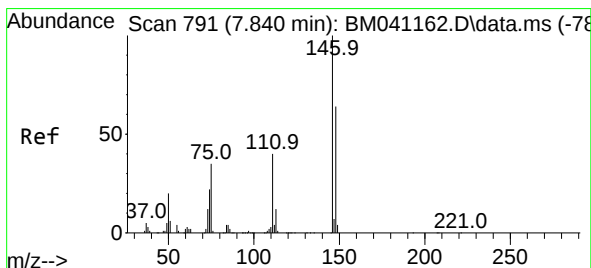
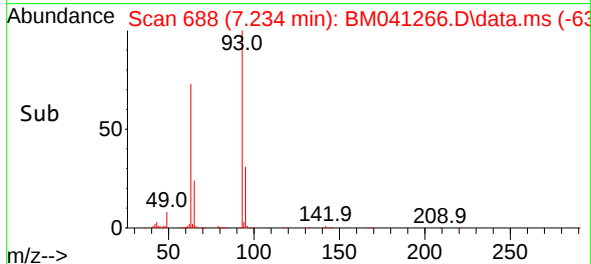
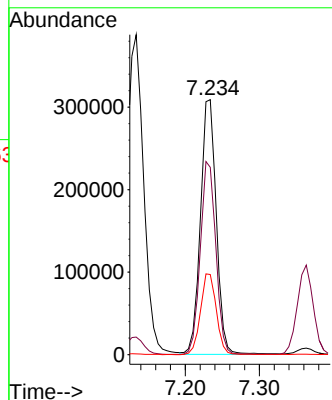
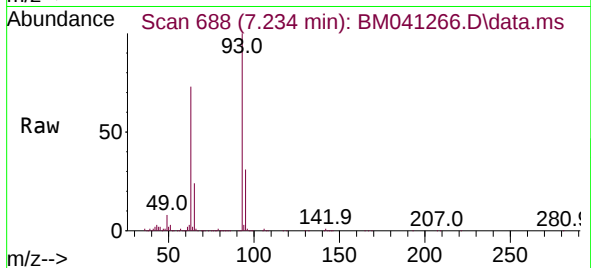




#11
bis(2-Chloroethyl)ether
Concen: 48.994 ng
RT: 7.234 min Scan# 689
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

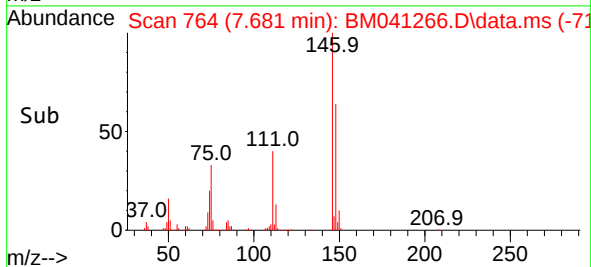
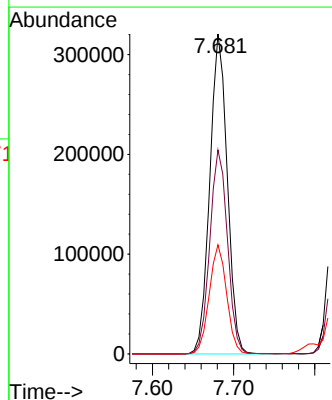
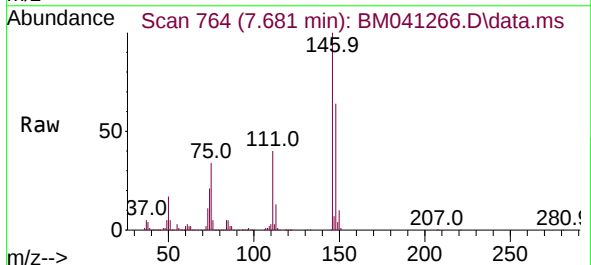
Instrument :
BNA_M
ClientSampleId :
TP-2MS

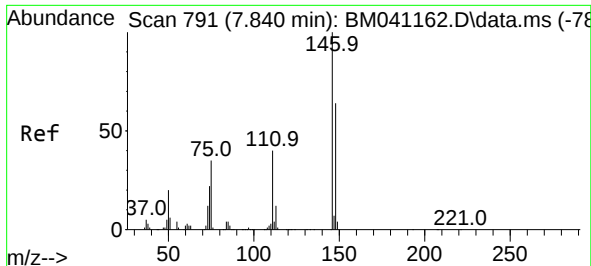
Tgt Ion: 93 Resp: 459062
Ion Ratio Lower Upper
93 100
63 73.5 58.8 98.8
95 31.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 48.855 ng
RT: 7.681 min Scan# 764
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion: 146 Resp: 480004
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 34.1 28.3 42.5

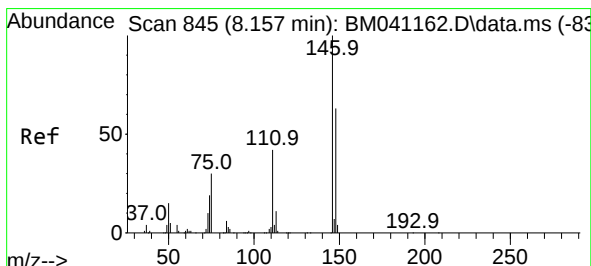
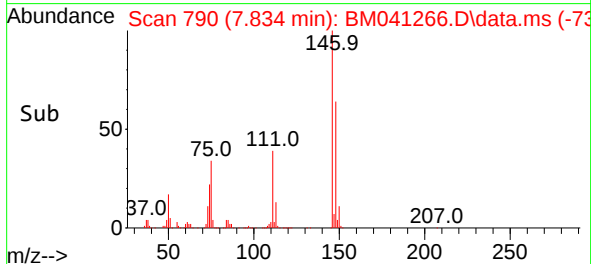
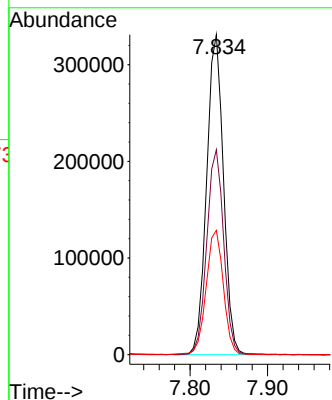
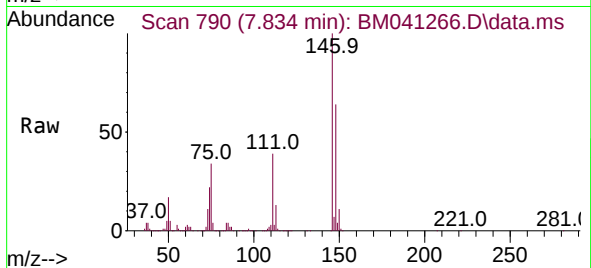




#13
1,4-Dichlorobenzene
Concen: 50.429 ng
RT: 7.834 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

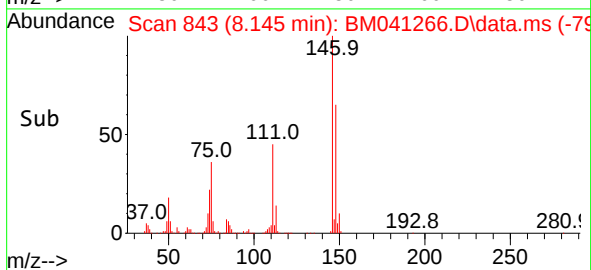
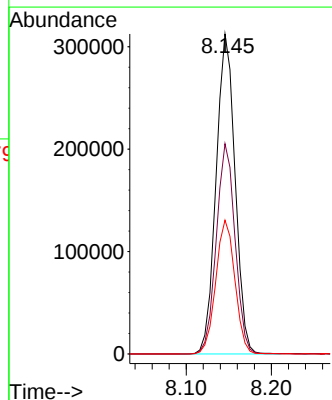
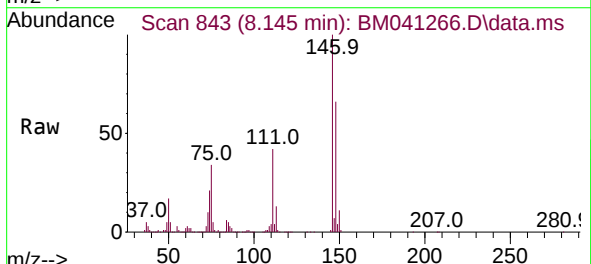
Instrument :
BNA_M
ClientSampleId :
TP-2MS

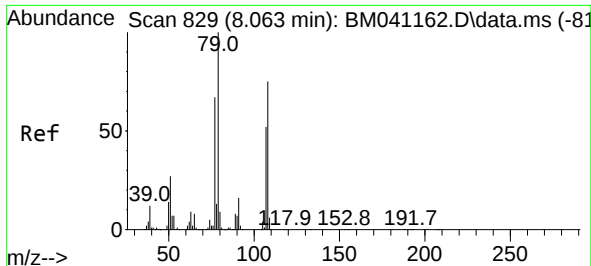
Tgt Ion:146 Resp: 498003
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 38.8 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 51.088 ng
RT: 8.145 min Scan# 843
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:146 Resp: 483743
Ion Ratio Lower Upper
146 100
148 65.7 50.9 76.3
111 41.8 33.8 50.6

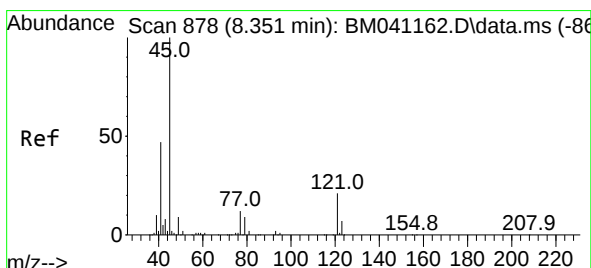
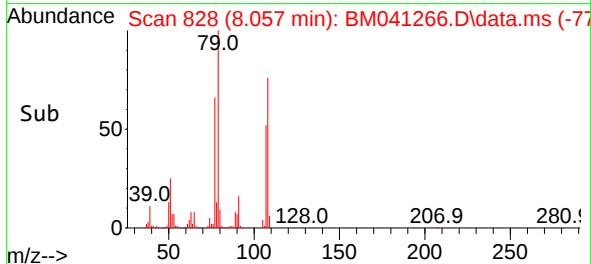
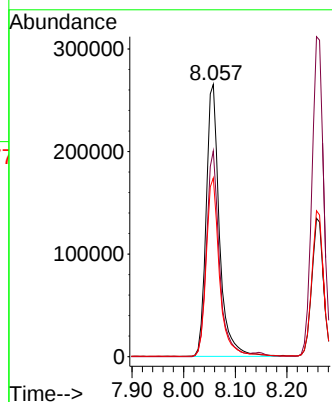
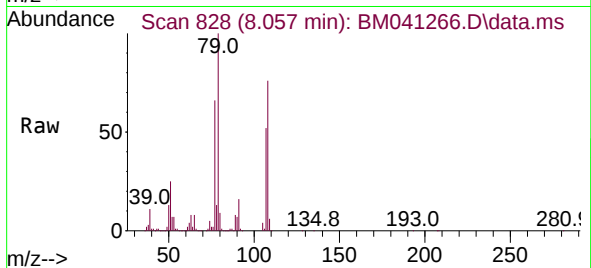




#15
Benzyl Alcohol
Concen: 62.455 ng
RT: 8.057 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

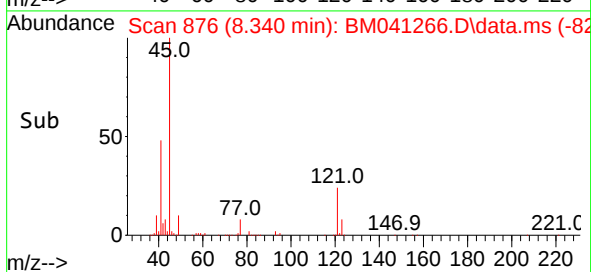
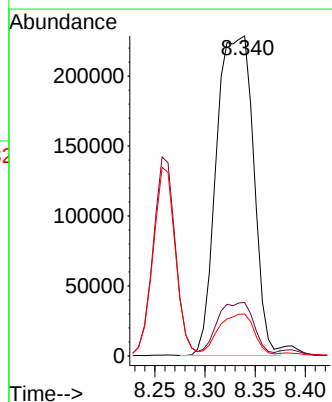
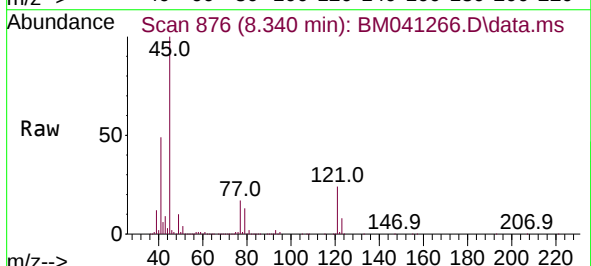
Instrument :
BNA_M
ClientSampleId :
TP-2MS

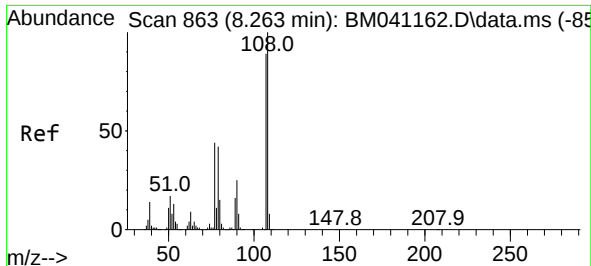
Tgt Ion: 79 Resp: 472690
Ion Ratio Lower Upper
79 100
108 75.5 59.8 89.8
77 65.6 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.826 ng
RT: 8.340 min Scan# 876
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion: 45 Resp: 584578
Ion Ratio Lower Upper
45 100
77 16.7 0.0 34.5
79 13.1 0.0 32.1

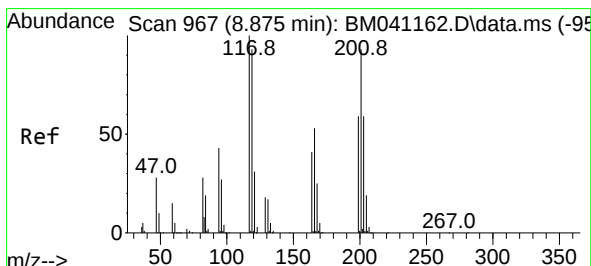
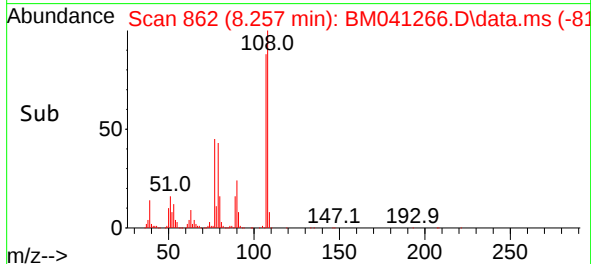
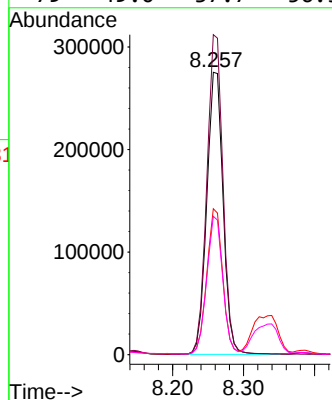
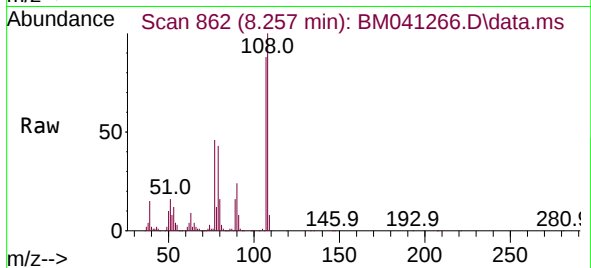




#17
2-Methylphenol
Concen: 55.212 ng
RT: 8.257 min Scan# 862
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

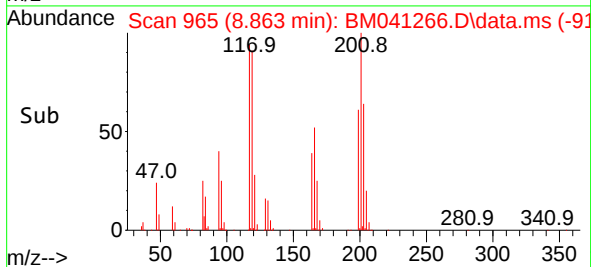
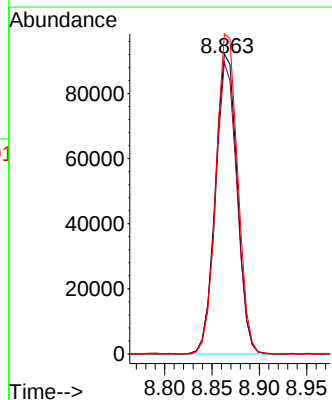
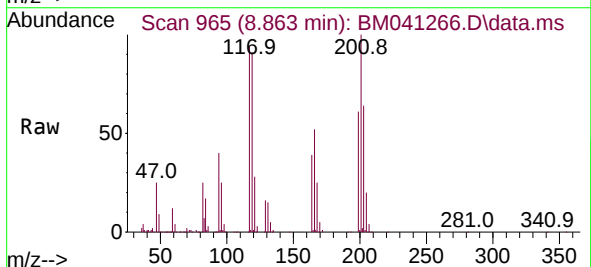
Instrument :
BNA_M
ClientSampleId :
TP-2MS

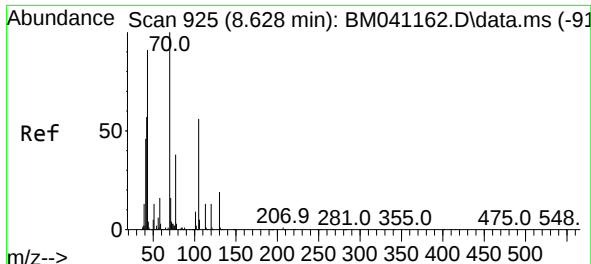
Tgt Ion:107 Resp: 436624
Ion Ratio Lower Upper
107 100
108 113.3 89.9 134.9
77 51.7 39.8 59.8
79 49.0 37.7 56.5



#18
Hexachloroethane
Concen: 40.256 ng
RT: 8.863 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:117 Resp: 148001
Ion Ratio Lower Upper
117 100
119 97.2 74.2 111.4
201 106.6 74.5 111.7

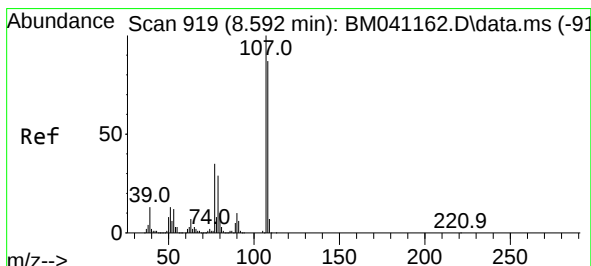
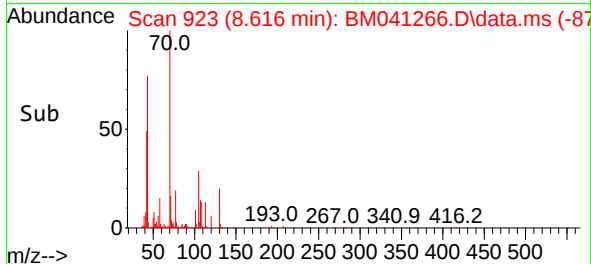
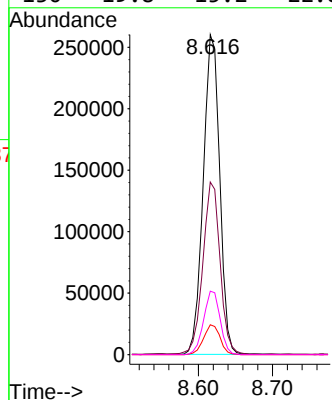
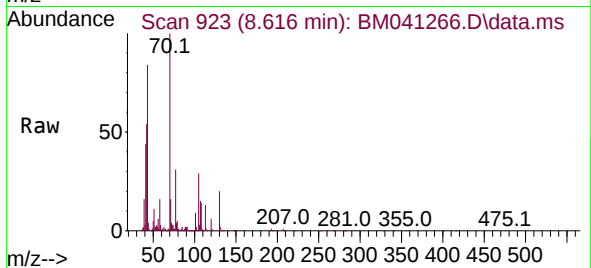




#19
n-Nitroso-di-n-propylamine
Concen: 55.077 ng
RT: 8.616 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

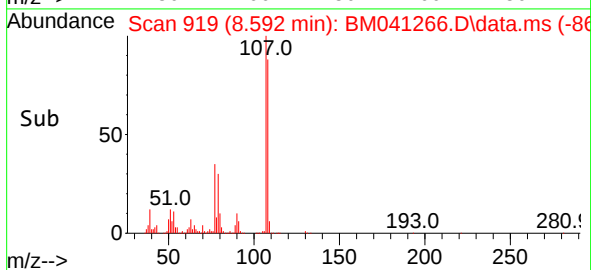
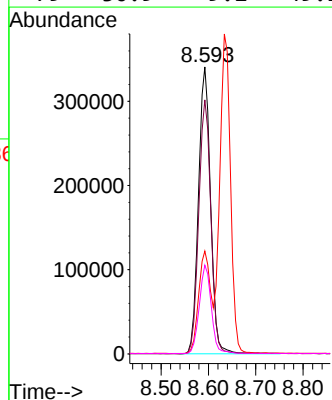
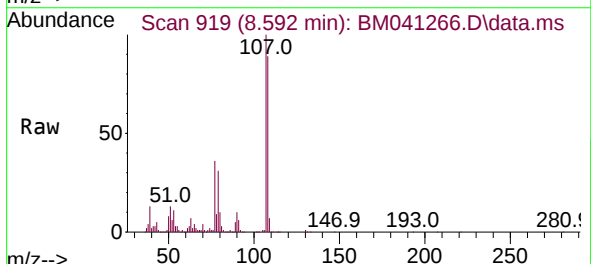
Instrument :
BNA_M
ClientSampleId :
TP-2MS

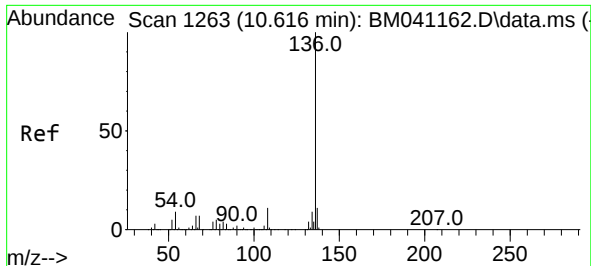
Tgt Ion: 70 Resp: 400934
Ion Ratio Lower Upper
70 100
42 53.9 45.8 68.8
101 9.3 7.4 11.0
130 19.8 15.2 22.8



#20
3+4-Methylphenols
Concen: 57.031 ng
RT: 8.592 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion: 107 Resp: 603027
Ion Ratio Lower Upper
107 100
108 88.5 67.2 107.2
77 35.8 15.4 55.4
79 30.9 9.2 49.2

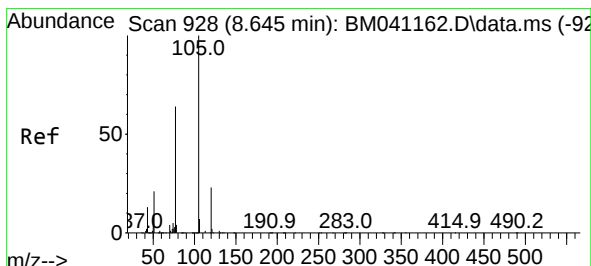
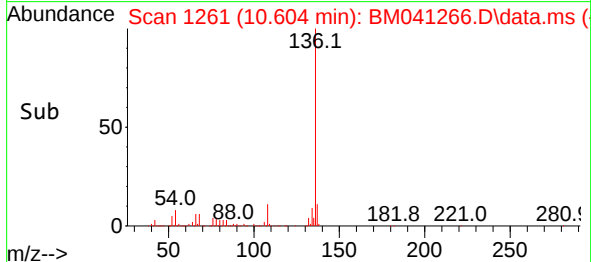
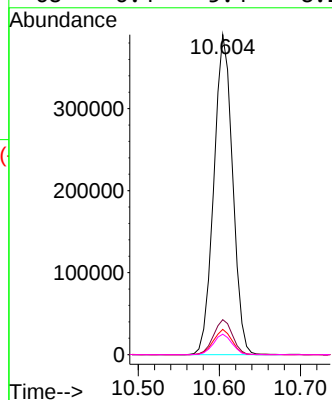
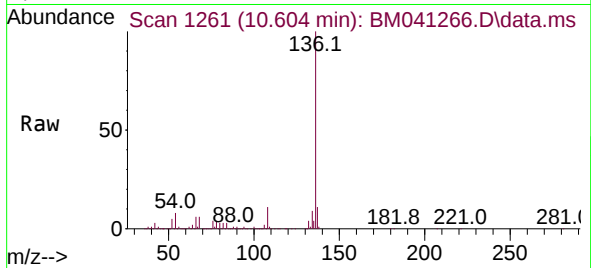




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

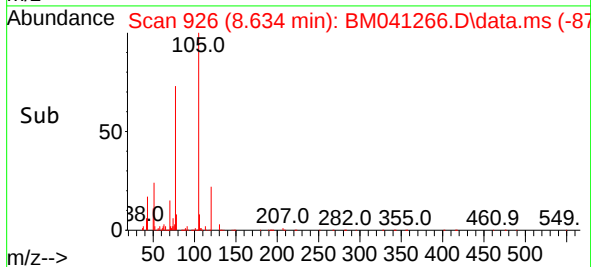
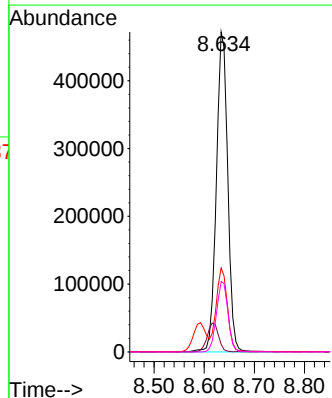
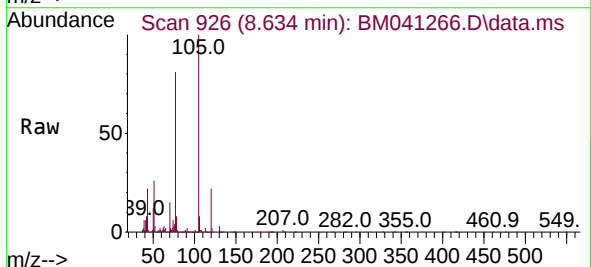
Instrument :
BNA_M
ClientSampleId :
TP-2MS

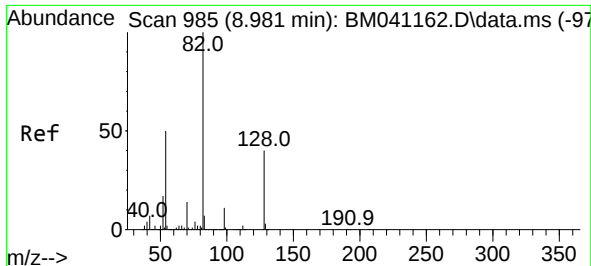
Tgt Ion:136	Resp:	626490
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	7.9	6.9 10.3
68	6.4	5.4 8.2



#22
Acetophenone
Concen: 44.821 ng
RT: 8.634 min Scan# 926
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:105	Resp:	743680
Ion	Ratio	Lower Upper
105	100	
71	2.4	1.2 1.8#
51	26.2	22.0 33.0
120	22.0	18.0 27.0

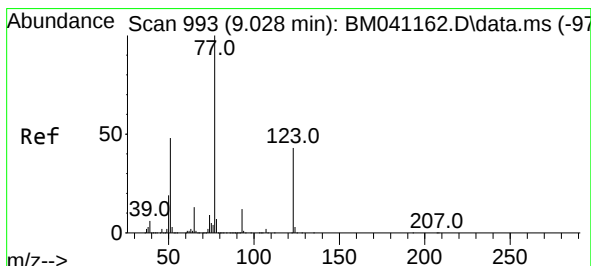
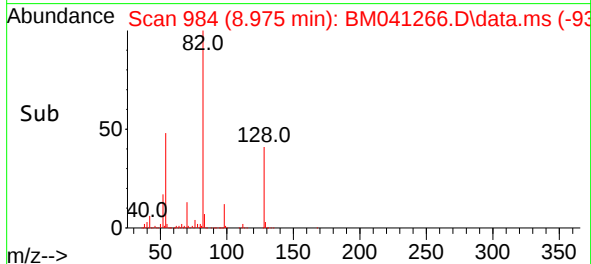
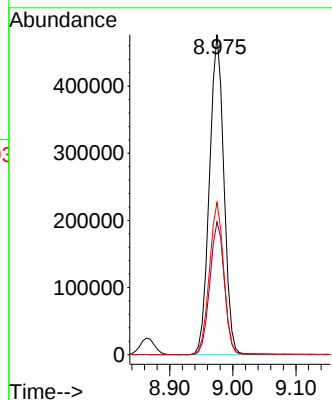
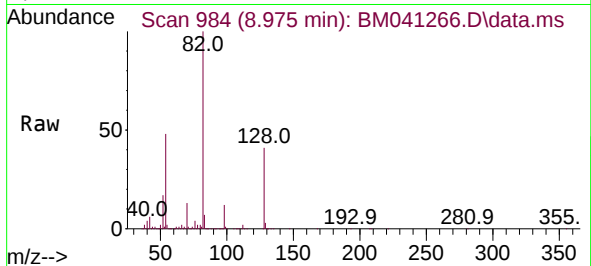




#23
Nitrobenzene-d5
Concen: 56.294 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

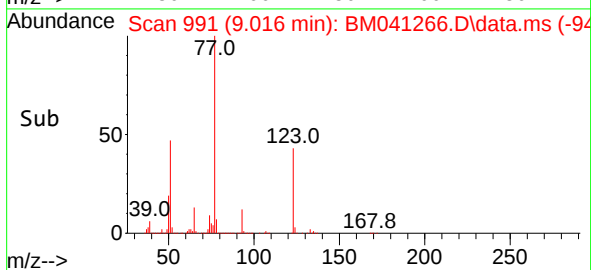
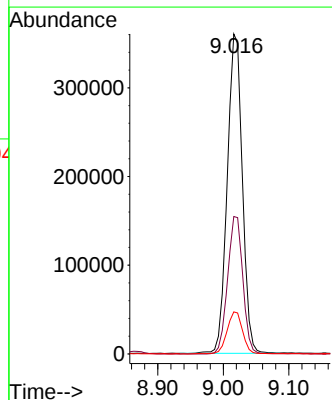
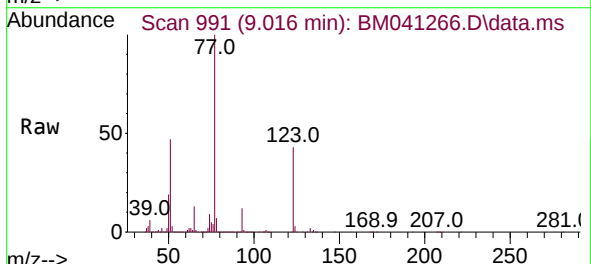
Instrument :
BNA_M
ClientSampleId :
TP-2MS

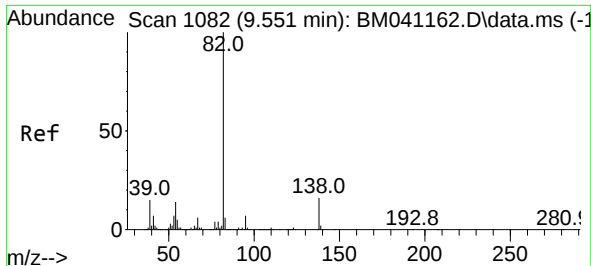
Tgt Ion: 82 Resp: 758371
Ion Ratio Lower Upper
82 100
128 41.5 31.8 47.6
54 47.6 40.1 60.1



#24
Nitrobenzene
Concen: 42.489 ng
RT: 9.016 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion: 77 Resp: 578851
Ion Ratio Lower Upper
77 100
123 42.9 34.2 51.2
65 13.1 10.7 16.1

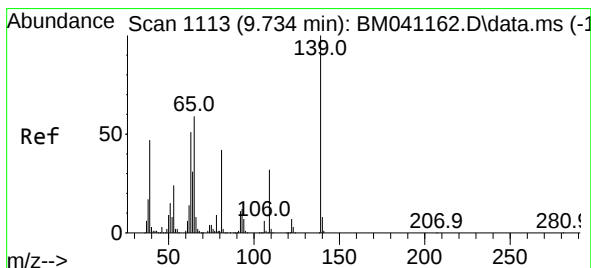
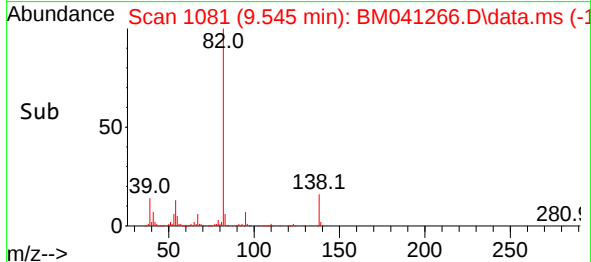
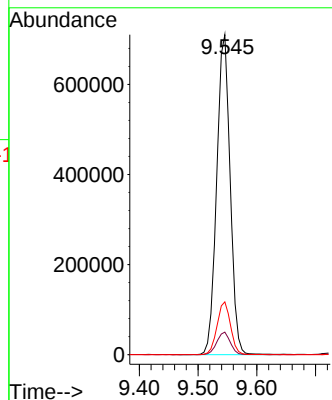
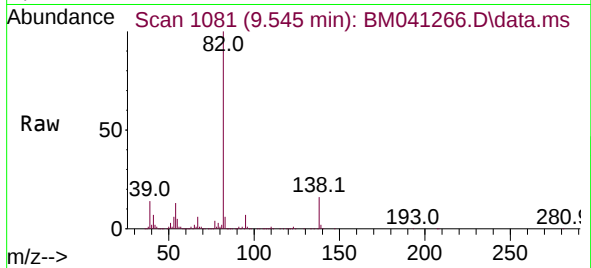




#25
Isophorone
Concen: 49.326 ng
RT: 9.545 min Scan# 1081
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

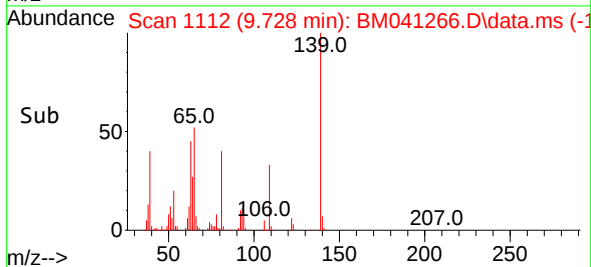
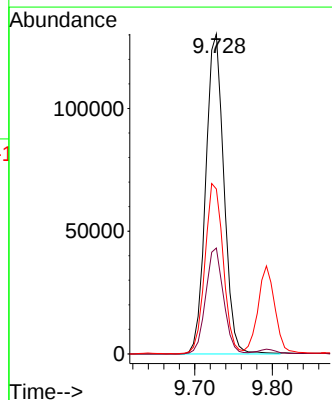
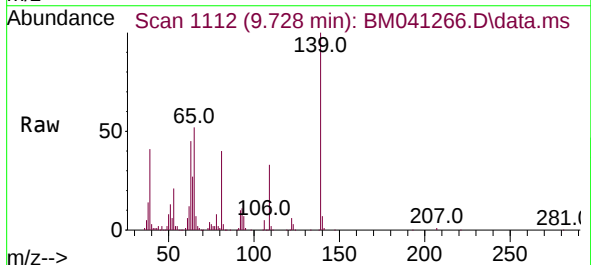
Instrument :
BNA_M
ClientSampleId :
TP-2MS

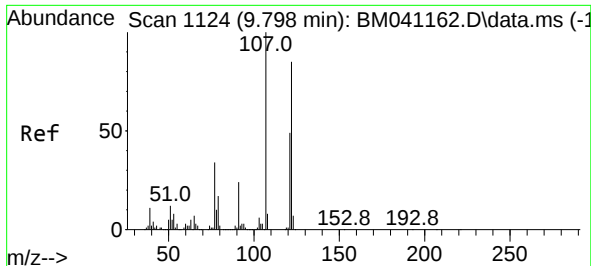
Tgt Ion: 82 Resp: 1127997
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 16.5 12.8 19.2



#26
2-Nitrophenol
Concen: 39.726 ng
RT: 9.728 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion: 139 Resp: 211571
Ion Ratio Lower Upper
139 100
109 33.1 25.4 38.2
65 51.5 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 48.980 ng

RT: 9.792 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

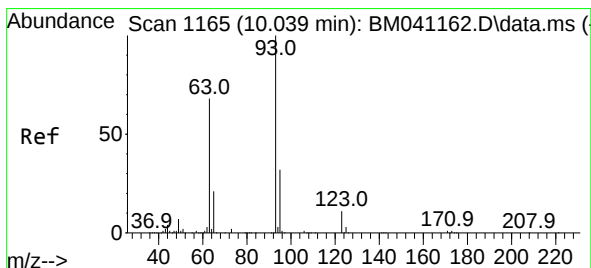
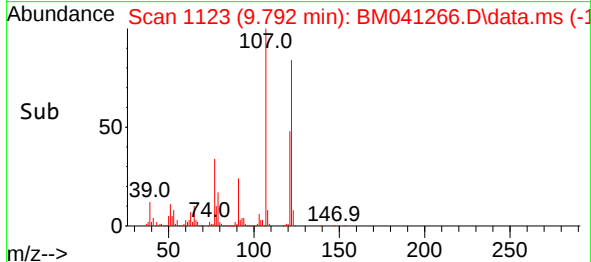
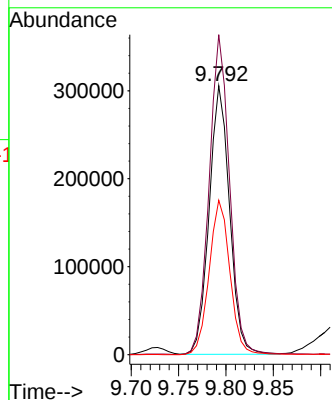
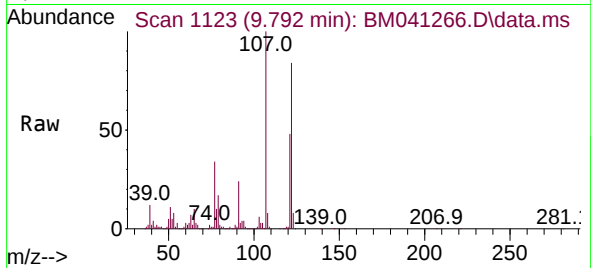
Tgt Ion:122 Resp: 459015

Ion Ratio Lower Upper

122 100

107 119.0 94.3 141.5

121 57.4 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.407 ng

RT: 10.028 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

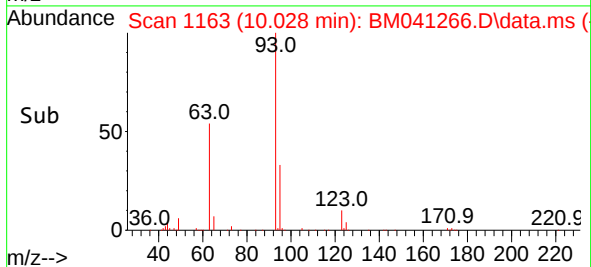
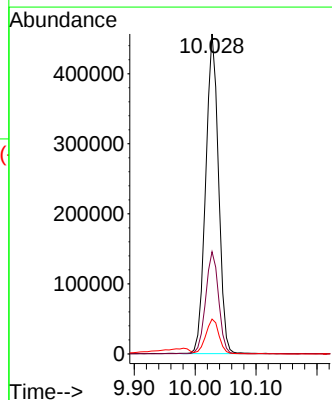
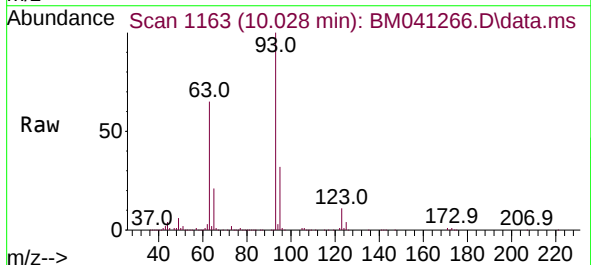
Tgt Ion: 93 Resp: 664766

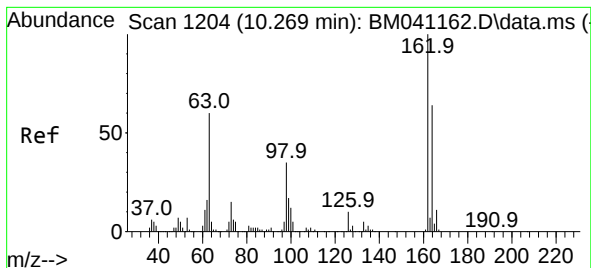
Ion Ratio Lower Upper

93 100

95 31.9 25.9 38.9

123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.859 ng

RT: 10.263 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

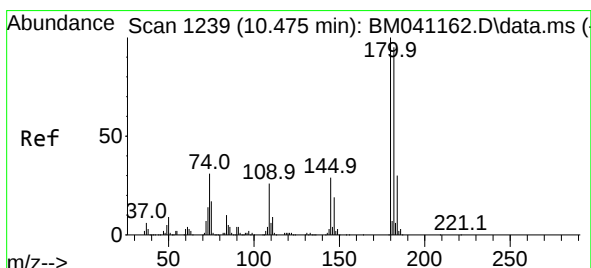
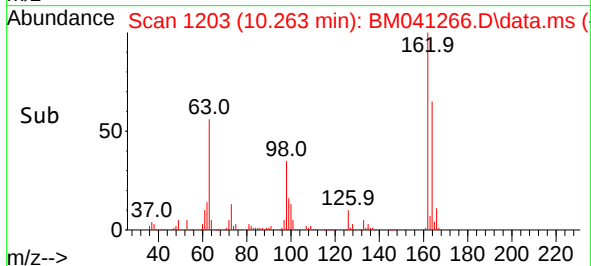
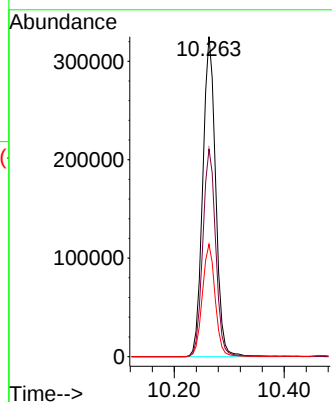
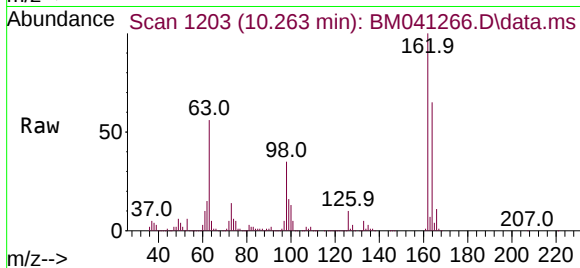
Tgt Ion:162 Resp: 527911

Ion Ratio Lower Upper

162 100

164 64.9 44.3 84.3

98 35.1 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 49.415 ng

RT: 10.469 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

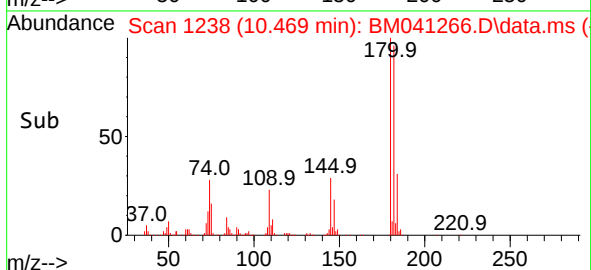
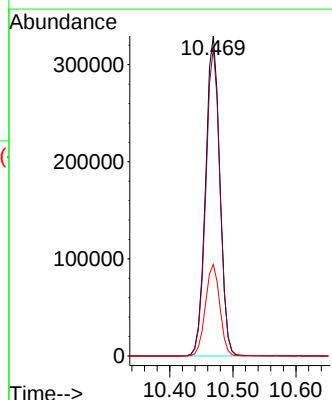
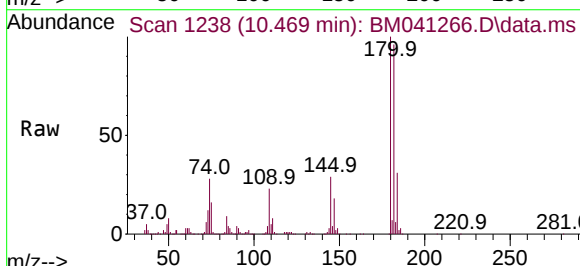
Tgt Ion:180 Resp: 515972

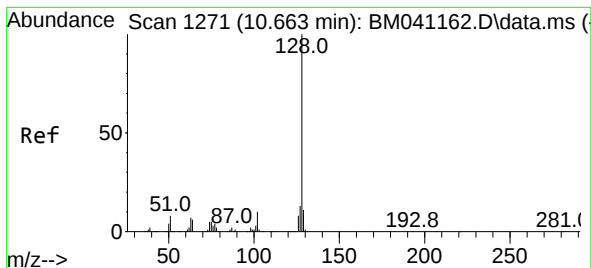
Ion Ratio Lower Upper

180 100

182 96.2 75.9 113.9

145 28.6 23.6 35.4

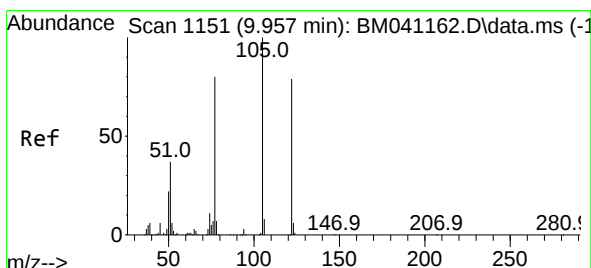
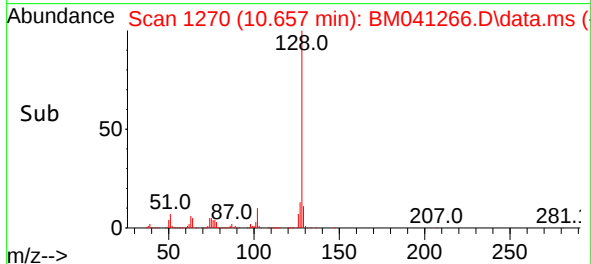
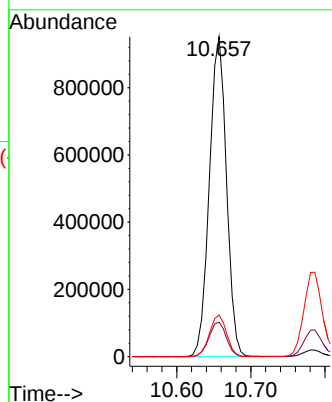
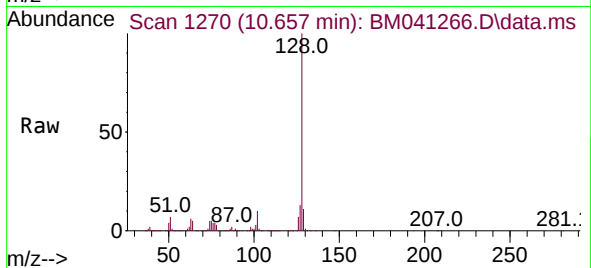




#31
Naphthalene
Concen: 44.830 ng
RT: 10.657 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

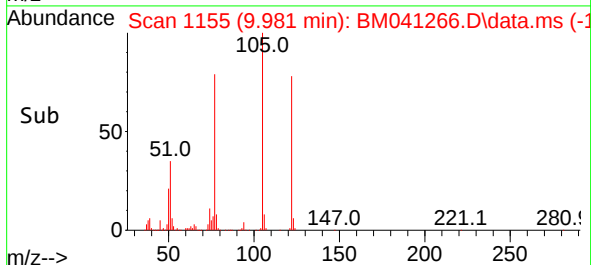
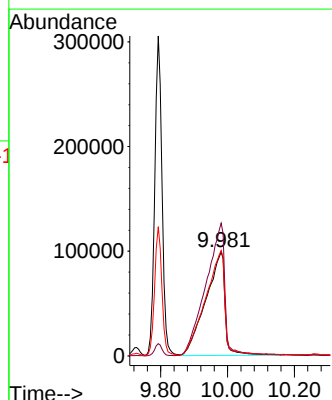
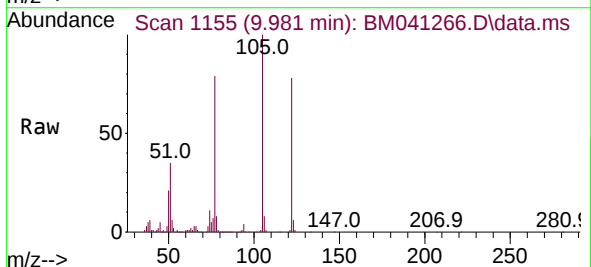
Instrument :
BNA_M
ClientSampleId :
TP-2MS

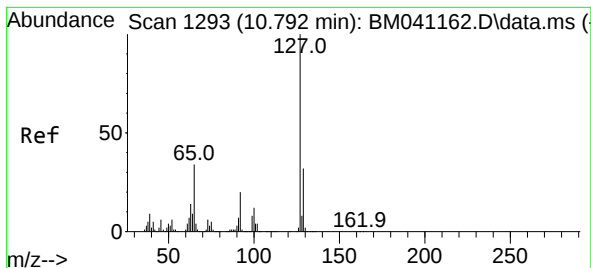
Tgt Ion:128 Resp: 1524081
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 54.835 ng
RT: 9.981 min Scan# 1155
Delta R.T. 0.023 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:122 Resp: 394389
Ion Ratio Lower Upper
122 100
105 127.7 104.0 144.0
77 101.5 79.9 119.9

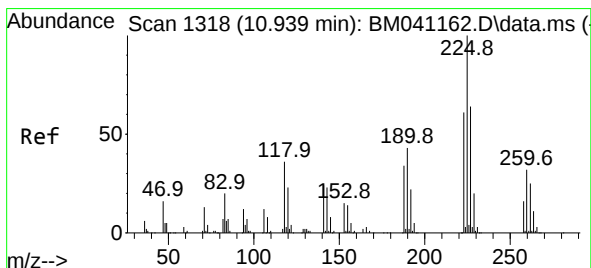
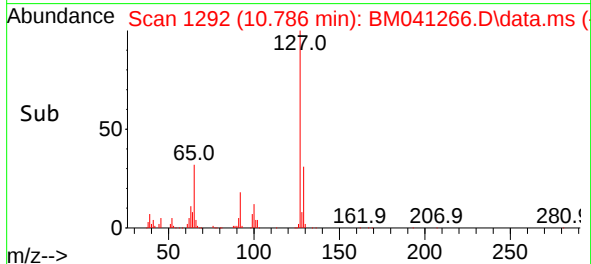
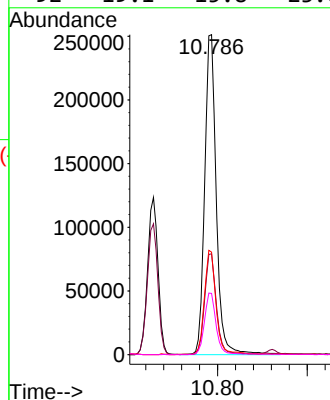
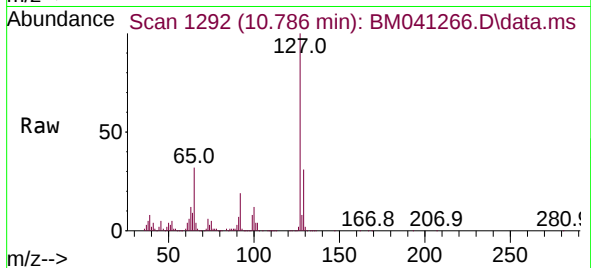




#33
4-Chloroaniline
Concen: 33.236 ng
RT: 10.786 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

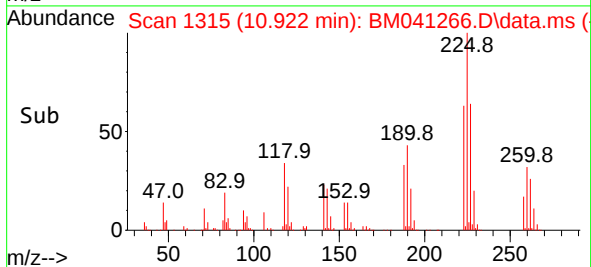
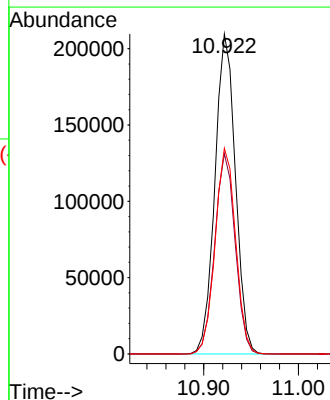
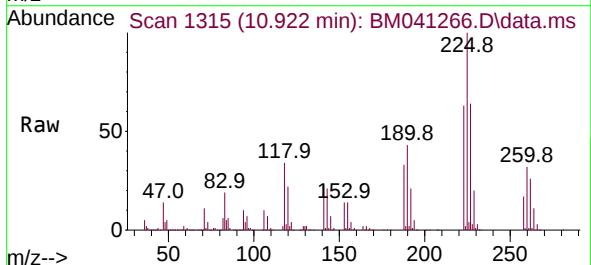
Instrument :
BNA_M
ClientSampleId :
TP-2MS

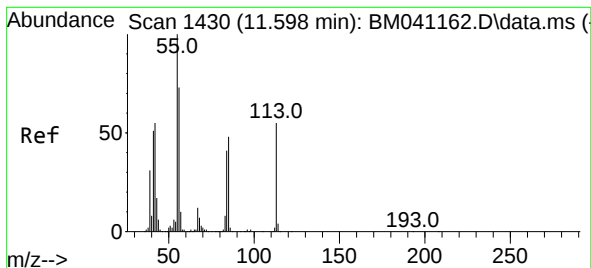
Tgt Ion:	127	Resp:	451550
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	32.0	26.9	40.3
92	19.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 50.181 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:	225	Resp:	315130
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.0	73.4
227	64.3	50.8	76.2





#35

Caprolactam

Concen: 56.382 ng

RT: 11.616 min Scan# 1433

Delta R.T. 0.018 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

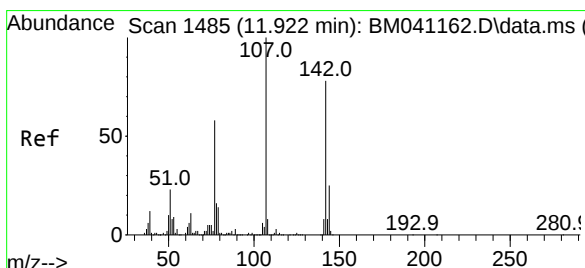
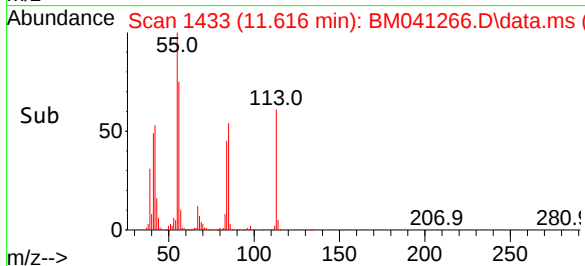
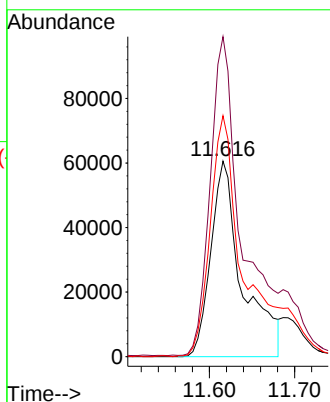
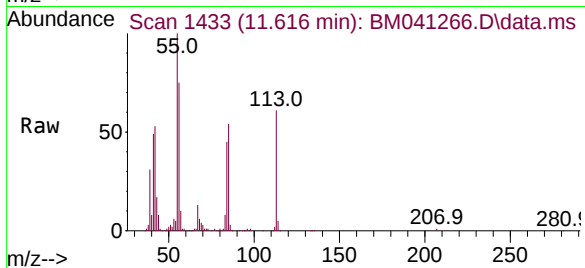
Tgt Ion:113 Resp: 154145

Ion Ratio Lower Upper

113 100

55 163.7 162.5 202.5

56 123.2 114.1 154.1



#36

4-Chloro-3-methylphenol

Concen: 58.080 ng

RT: 11.922 min Scan# 1485

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

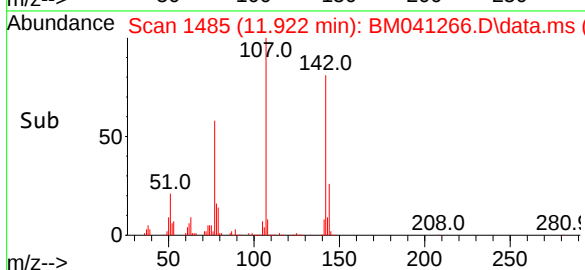
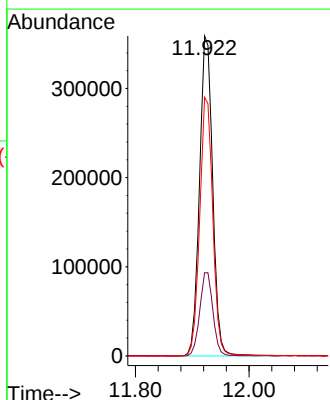
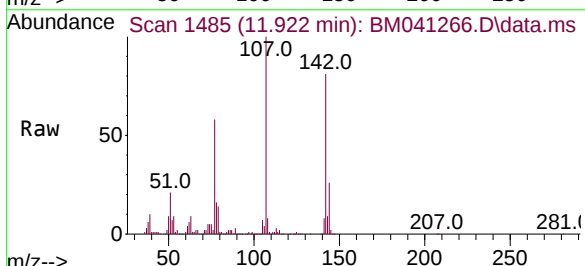
Tgt Ion:107 Resp: 577732

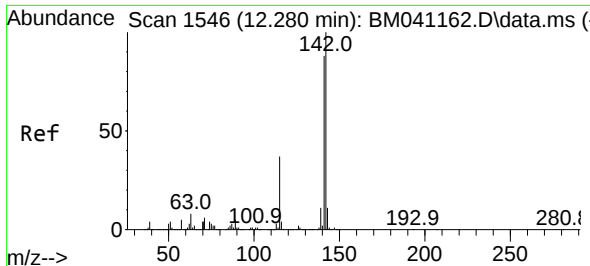
Ion Ratio Lower Upper

107 100

144 26.0 20.1 30.1

142 80.8 62.2 93.4





#37

2-Methylnaphthalene

Concen: 48.777 ng

RT: 12.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

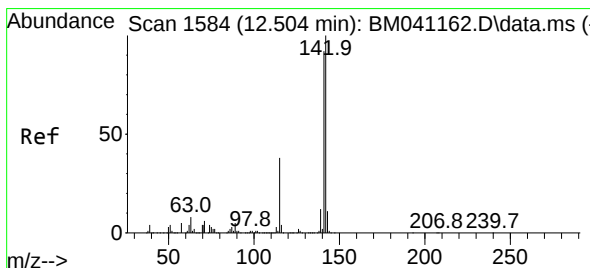
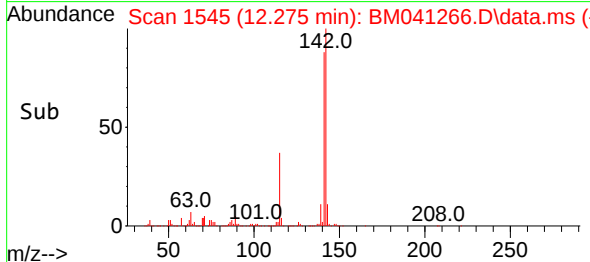
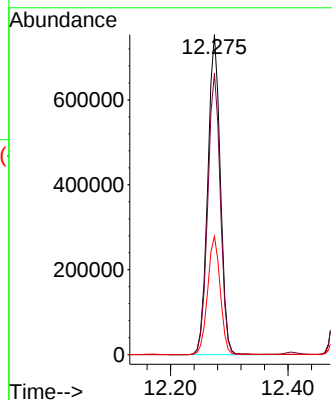
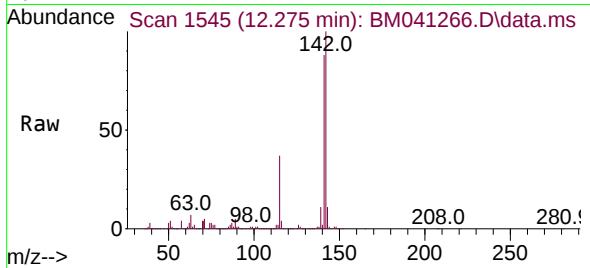
Tgt Ion:142 Resp: 1117979

Ion Ratio Lower Upper

142 100

141 87.9 70.7 106.1

115 37.0 29.3 43.9



#38

1-Methylnaphthalene

Concen: 49.643 ng

RT: 12.498 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

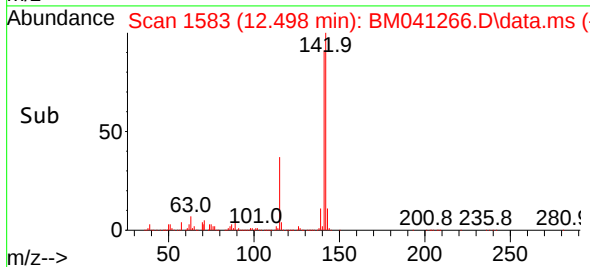
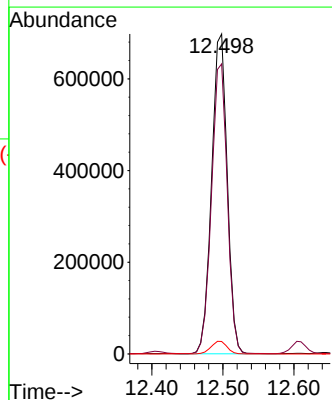
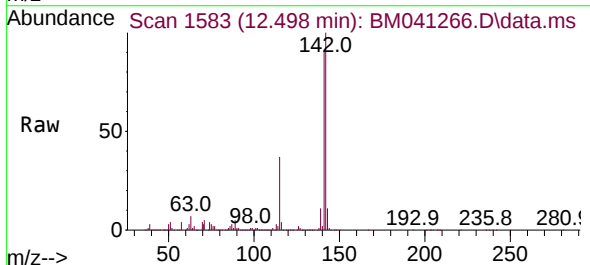
Tgt Ion:142 Resp: 1064941

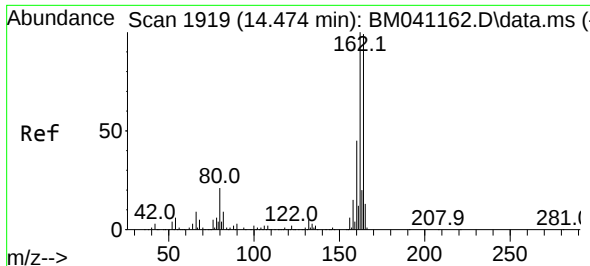
Ion Ratio Lower Upper

142 100

141 90.6 73.4 110.2

116 3.9 3.2 4.8

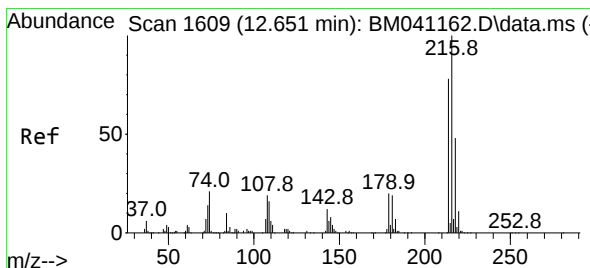
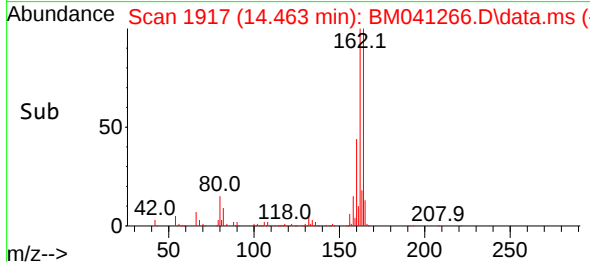
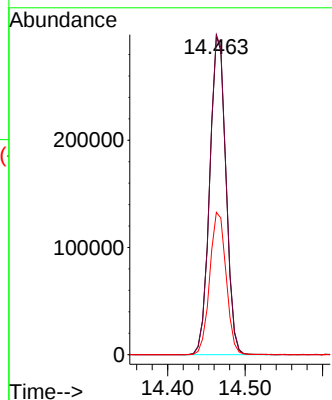
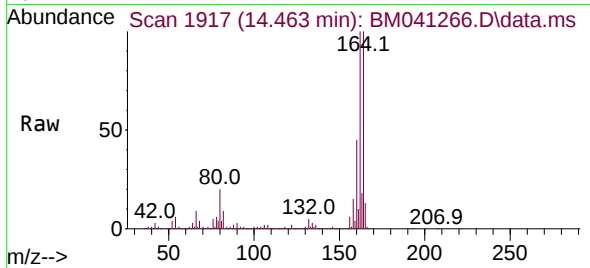




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

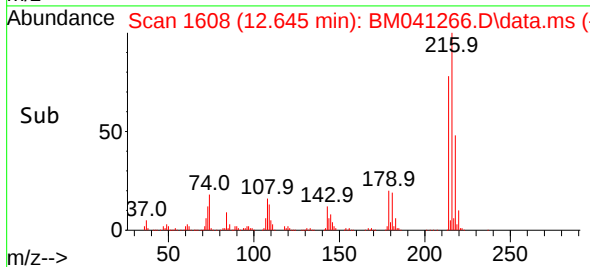
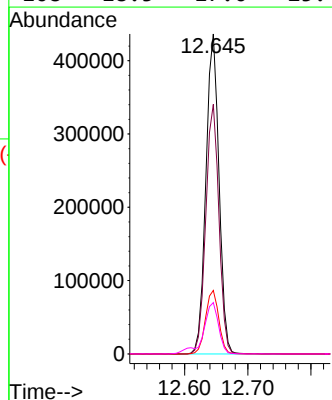
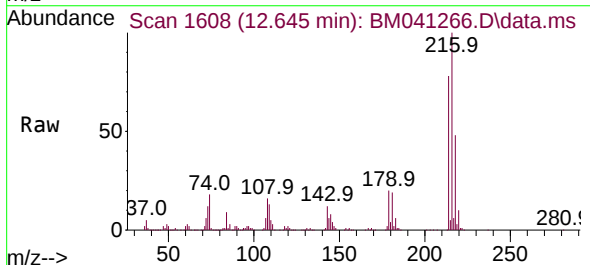
Instrument :
BNA_M
ClientSampleId :
TP-2MS

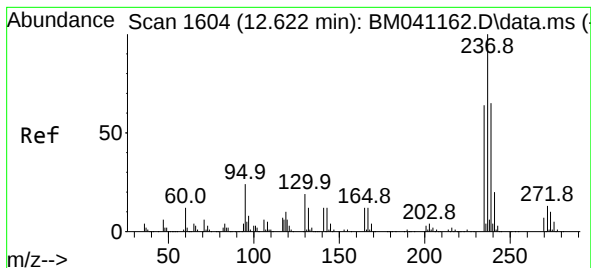
Tgt Ion:164 Resp: 429423
Ion Ratio Lower Upper
164 100
162 100.4 80.4 120.6
160 44.7 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.886 ng
RT: 12.645 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

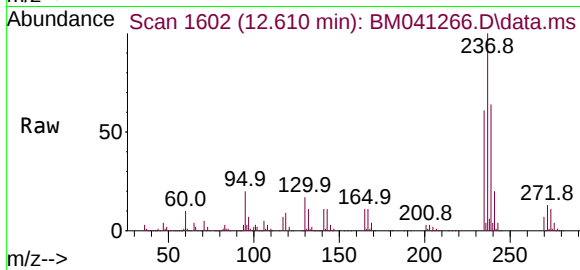
Tgt Ion:216 Resp: 625883
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 20.1 16.2 24.2
108 18.5 17.0 25.4



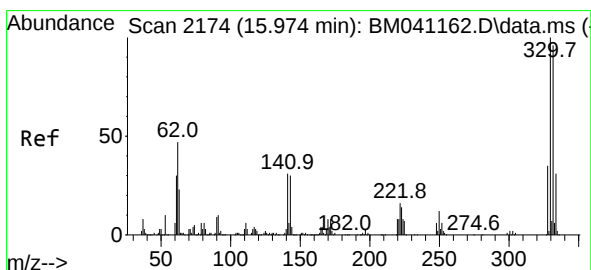
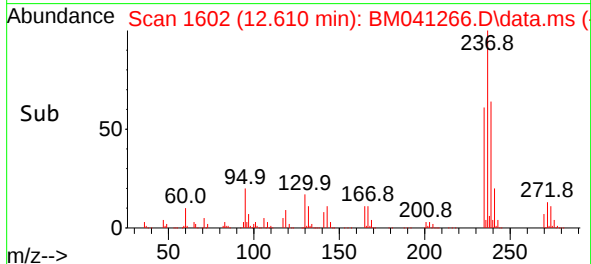
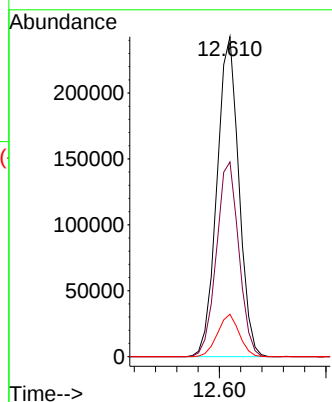


#41
Hexachlorocyclopentadiene
Concen: 47.067 ng
RT: 12.610 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Instrument :
BNA_M
ClientSampleId :
TP-2MS

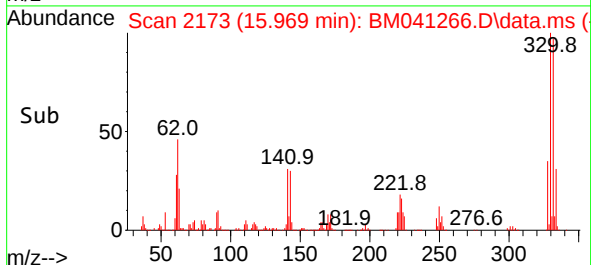
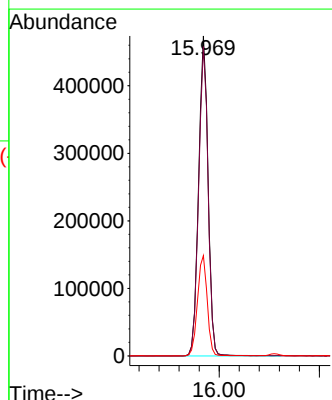
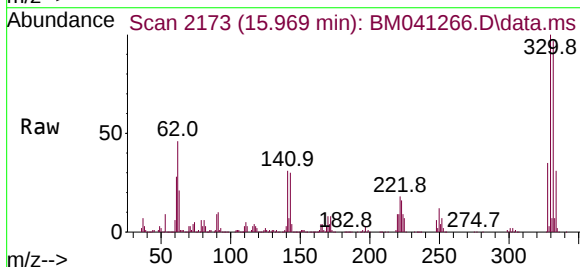


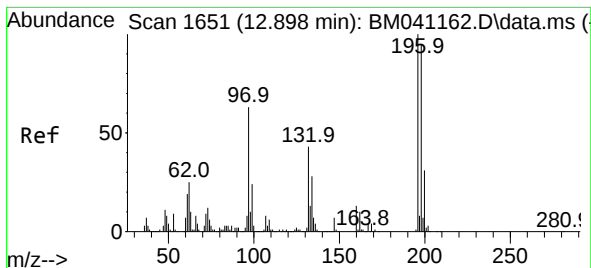
Tgt Ion: 237 Resp: 347209
Ion Ratio Lower Upper
237 100
235 60.8 43.6 83.6
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 101.673 ng
RT: 15.969 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion: 330 Resp: 617557
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 32.2 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 52.118 ng

RT: 12.898 min Scan# 1651

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

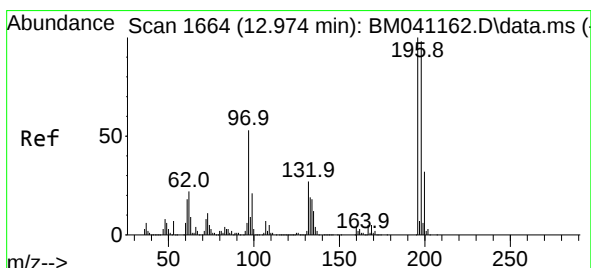
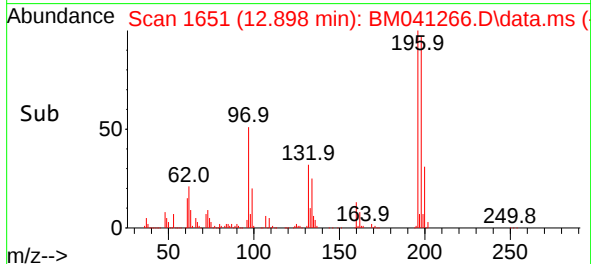
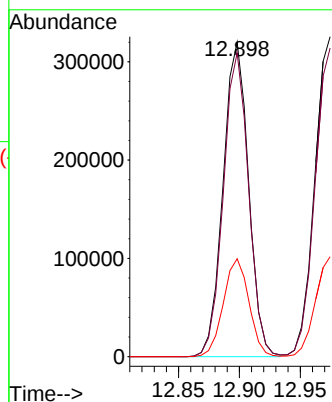
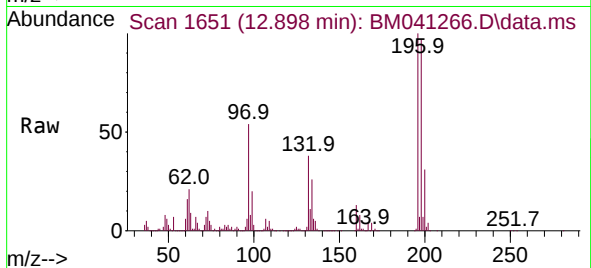
Tgt Ion:196 Resp: 465791

Ion Ratio Lower Upper

196 100

198 96.6 76.2 114.4

200 31.1 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 49.228 ng

RT: 12.975 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Tgt Ion:196 Resp: 509222

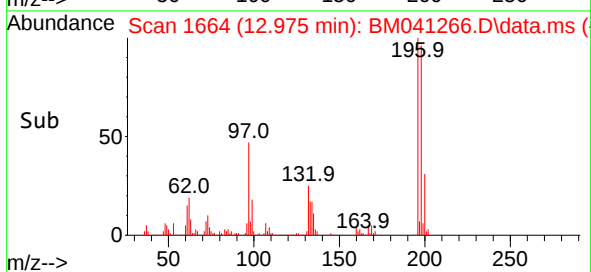
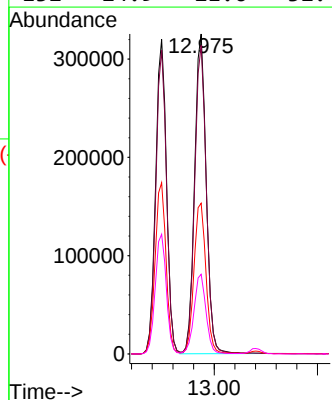
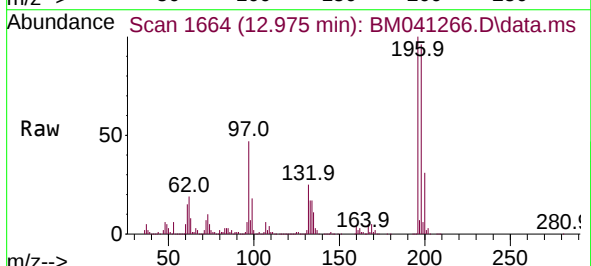
Ion Ratio Lower Upper

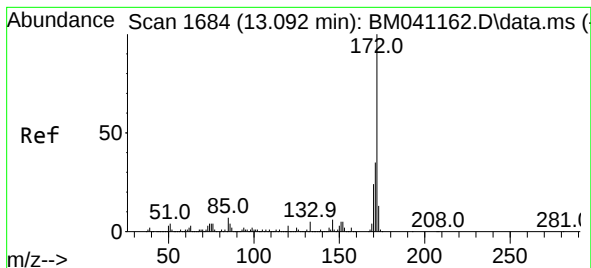
196 100

198 96.4 78.2 117.4

97 47.1 42.7 64.1

132 24.9 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 53.902 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

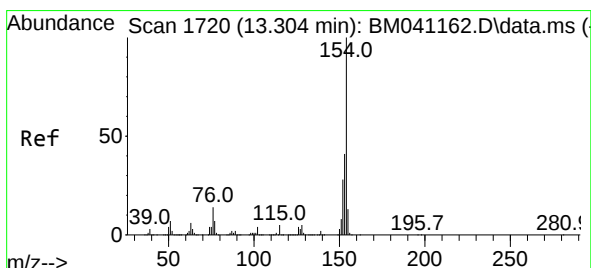
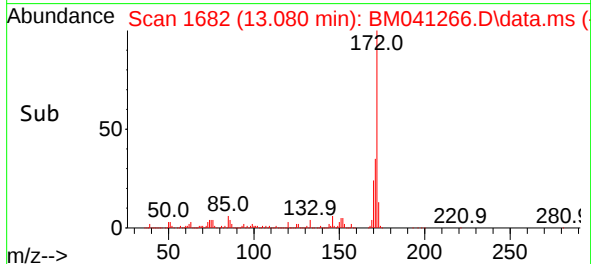
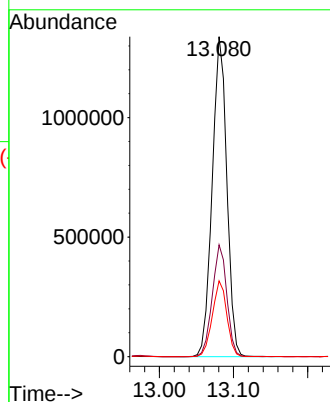
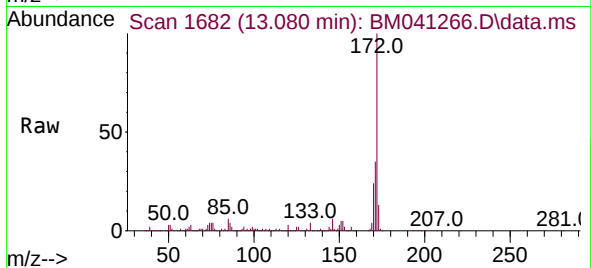
Tgt Ion:172 Resp: 1832307

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 43.183 ng

RT: 13.292 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

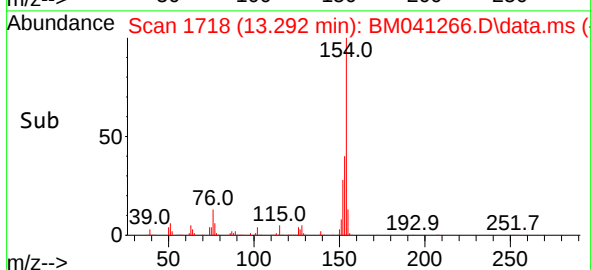
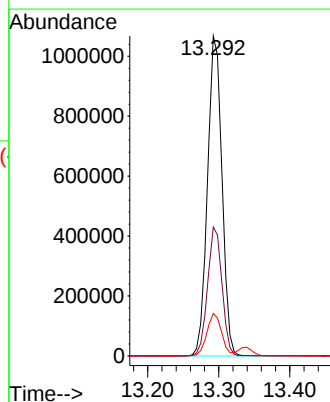
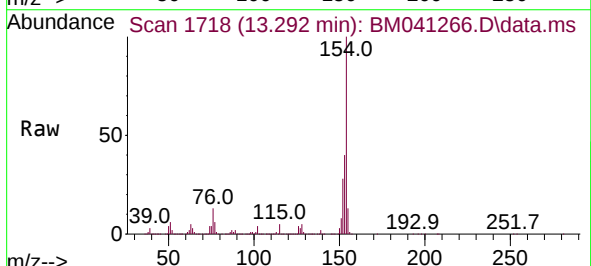
Tgt Ion:154 Resp: 1503338

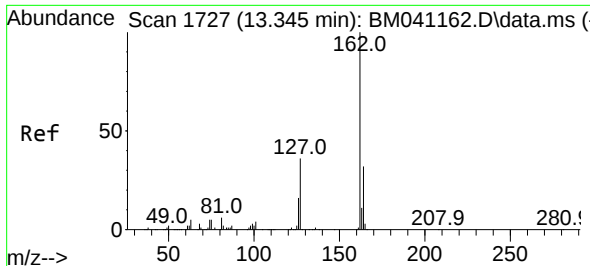
Ion Ratio Lower Upper

154 100

153 40.3 20.5 60.5

76 13.3 0.0 34.1

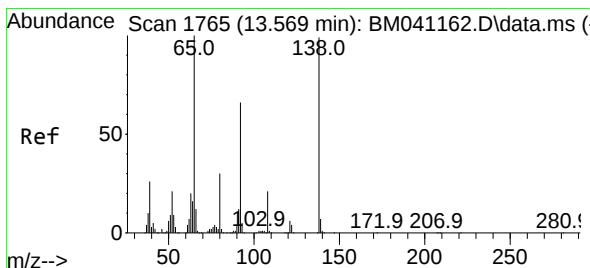
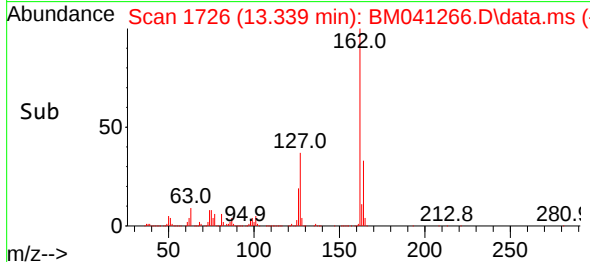
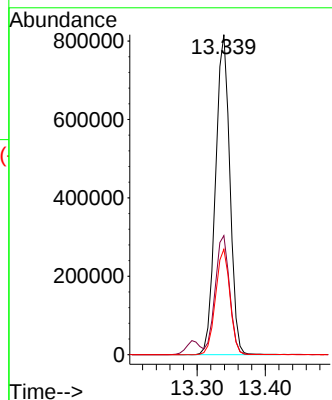
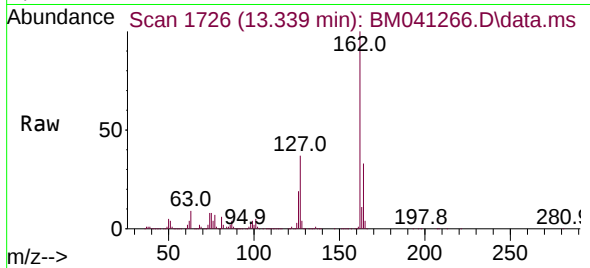




#47
2-Chloronaphthalene
Concen: 45.562 ng
RT: 13.339 min Scan# 1726
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

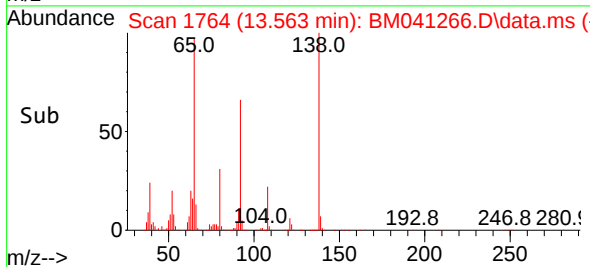
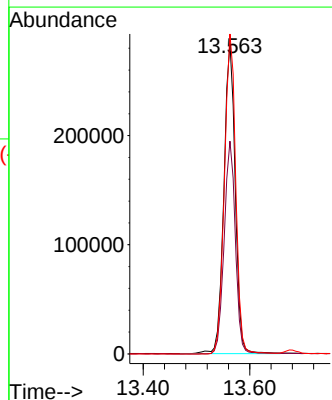
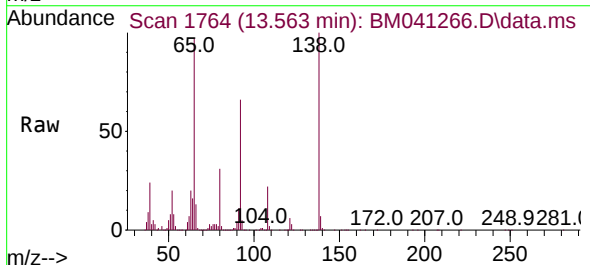
Instrument :
BNA_M
ClientSampleId :
TP-2MS

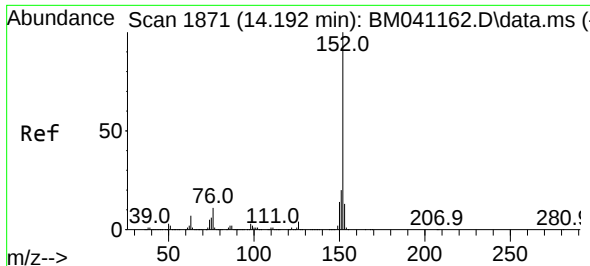
Tgt Ion:162 Resp: 1184328
Ion Ratio Lower Upper
162 100
127 37.2 30.6 45.8
164 32.9 25.6 38.4



#48
2-Nitroaniline
Concen: 50.610 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion: 65 Resp: 419923
Ion Ratio Lower Upper
65 100
92 68.5 53.0 79.4
138 103.1 79.1 118.7

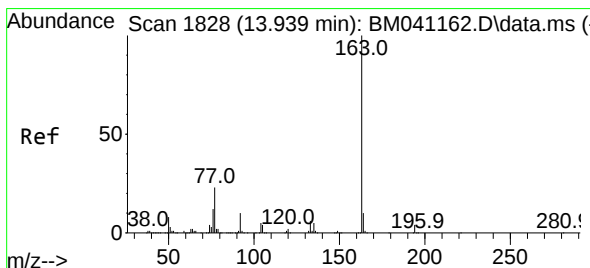
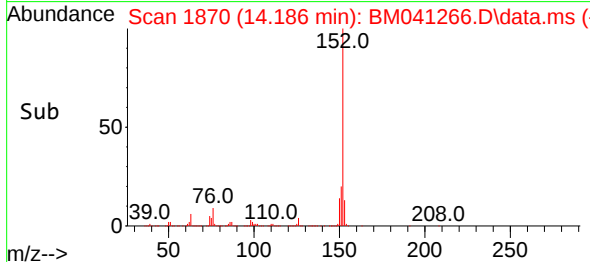
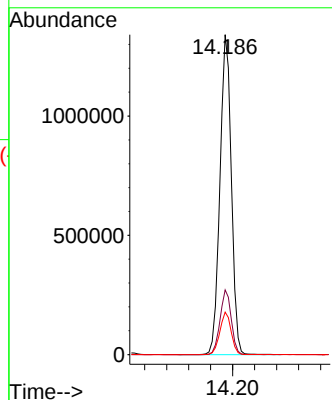
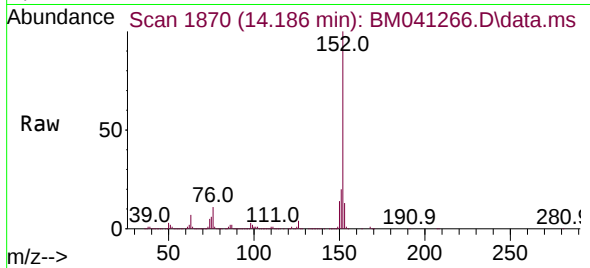




#49
Acenaphthylene
Concen: 45.933 ng
RT: 14.186 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

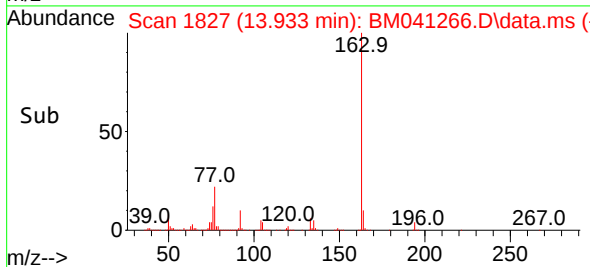
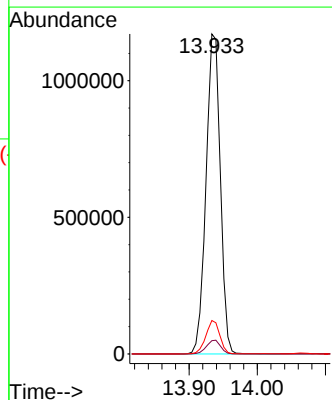
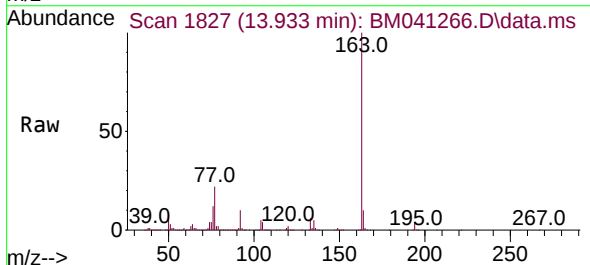
Instrument :
BNA_M
ClientSampleId :
TP-2MS

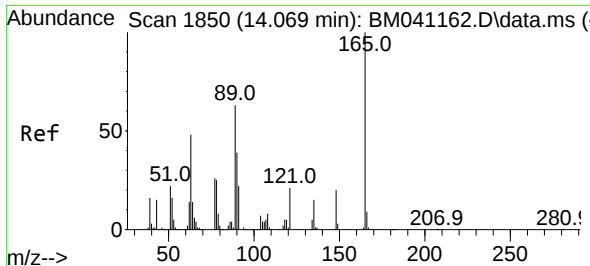
Tgt Ion:152 Resp: 1927169
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 52.806 ng
RT: 13.933 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:163 Resp: 1705723
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 45.898 ng

RT: 14.063 min Scan# 1850

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

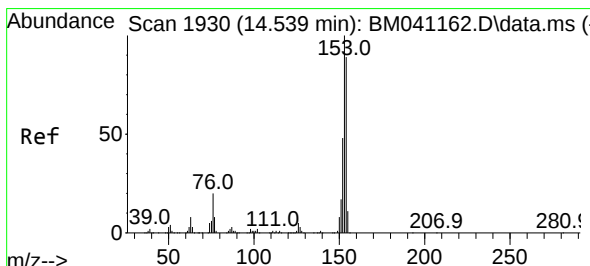
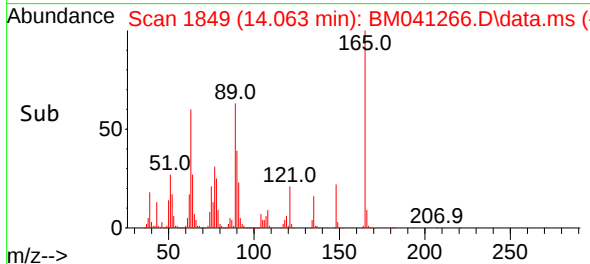
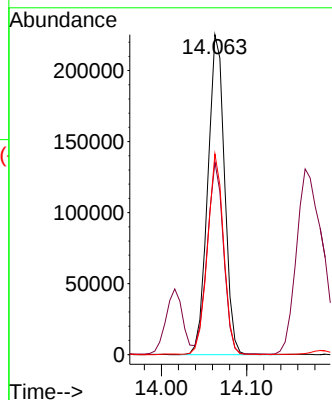
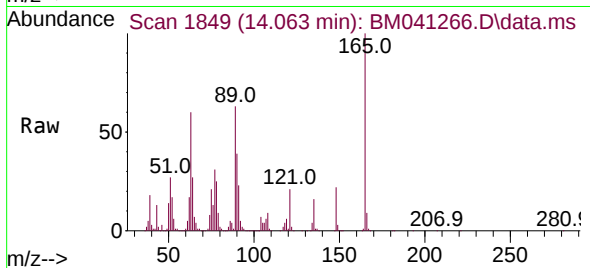
Tgt Ion:165 Resp: 307197

Ion Ratio Lower Upper

165 100

63 60.1 50.9 76.3

89 62.7 50.6 76.0



#52

Acenaphthene

Concen: 45.318 ng

RT: 14.533 min Scan# 1929

Delta R.T. 0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

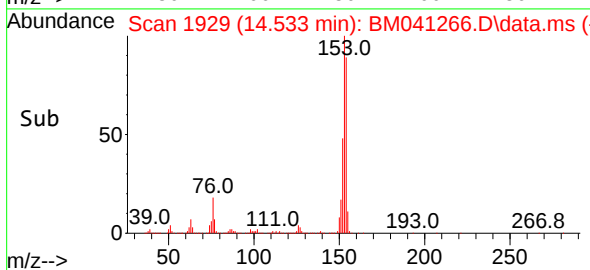
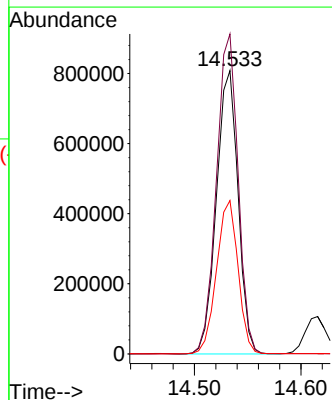
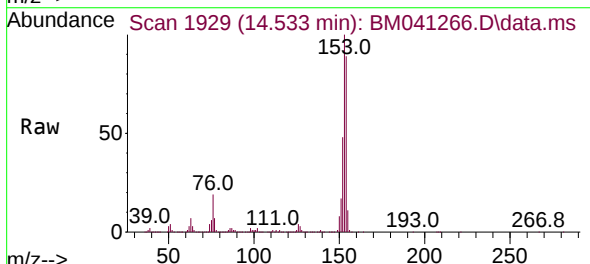
Tgt Ion:154 Resp: 1145426

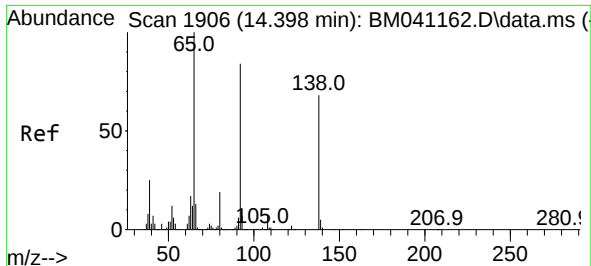
Ion Ratio Lower Upper

154 100

153 113.0 90.2 135.4

152 54.1 43.4 65.0

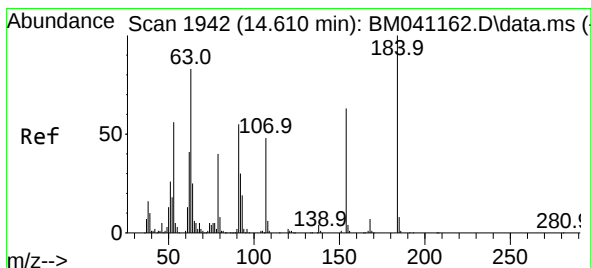
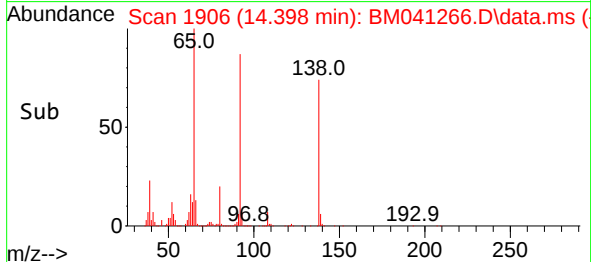
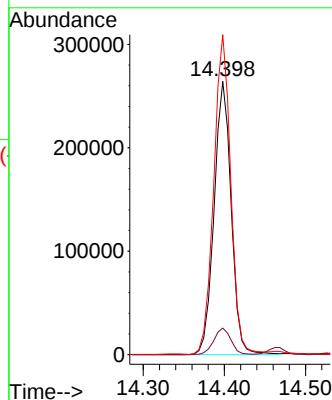
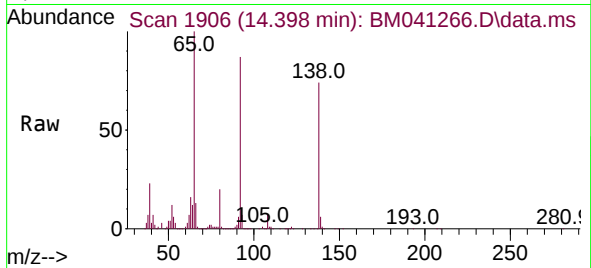




#53
3-Nitroaniline
Concen: 49.811 ng
RT: 14.398 min Scan# 1906
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

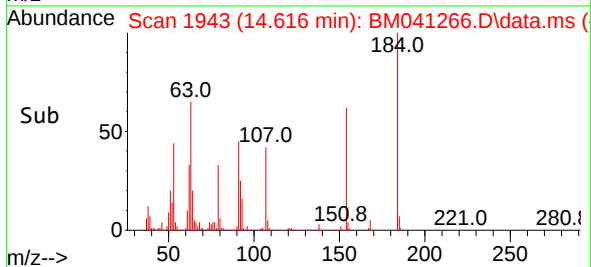
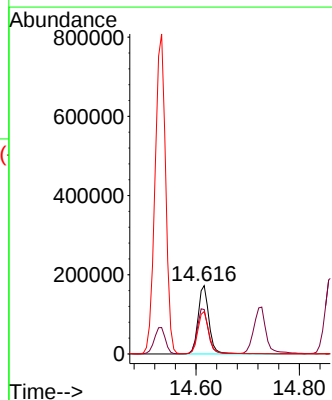
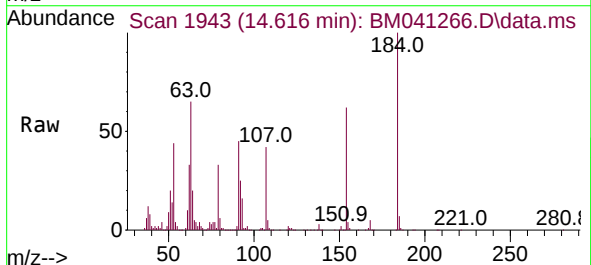
Instrument :
BNA_M
ClientSampleId :
TP-2MS

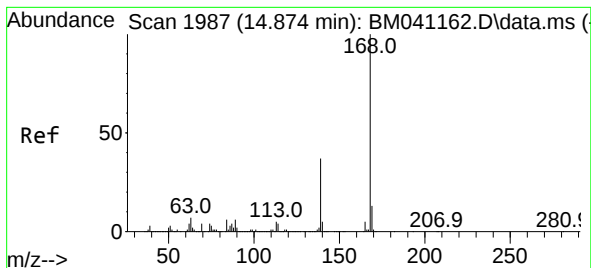
Tgt Ion:138 Resp: 386576
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 117.1 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 57.160 ng
RT: 14.616 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:184 Resp: 250228
Ion Ratio Lower Upper
184 100
63 65.1 66.5 99.7#
154 61.9 52.8 79.2





#55

Dibenzofuran

Concen: 45.612 ng

RT: 14.869 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

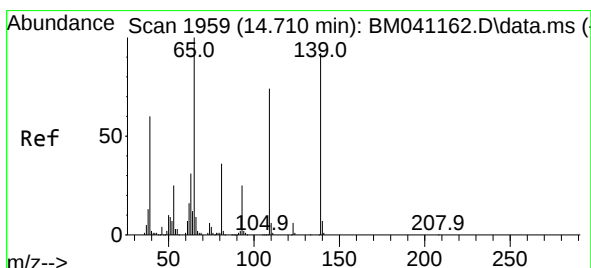
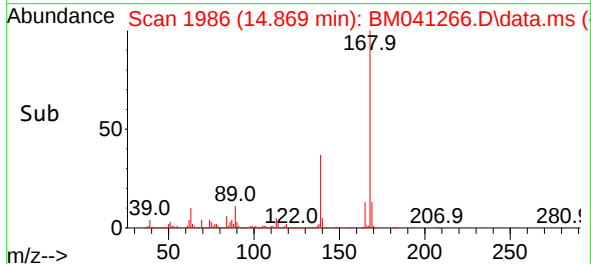
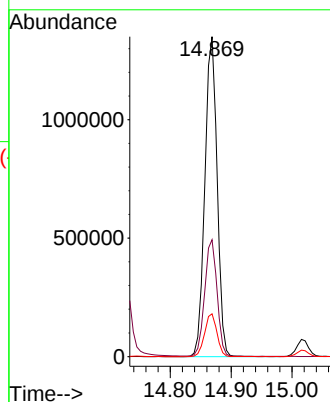
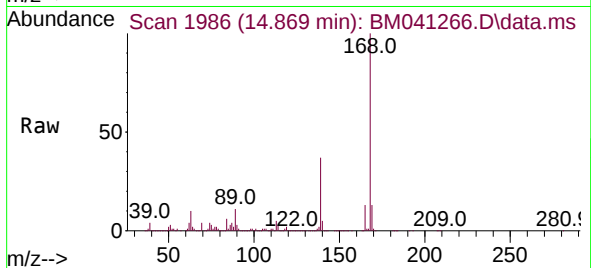
Tgt Ion:168 Resp: 1880941

Ion Ratio Lower Upper

168 100

139 36.5 29.8 44.6

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 105.827 ng

RT: 14.727 min Scan# 1962

Delta R.T. 0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

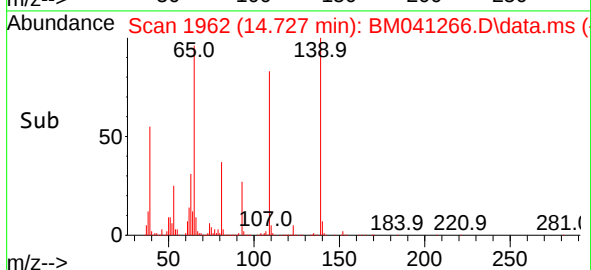
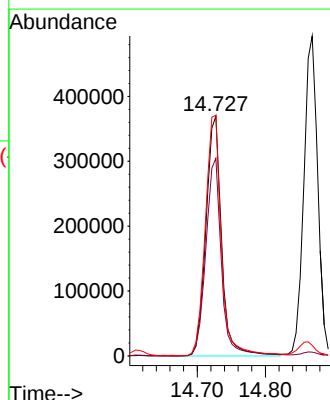
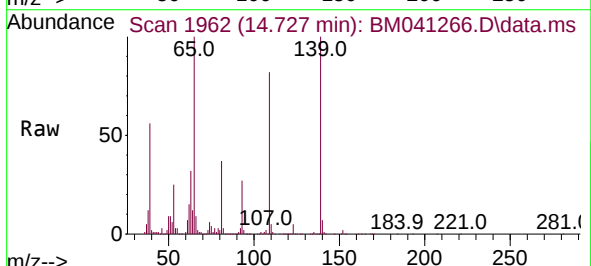
Tgt Ion:139 Resp: 590309

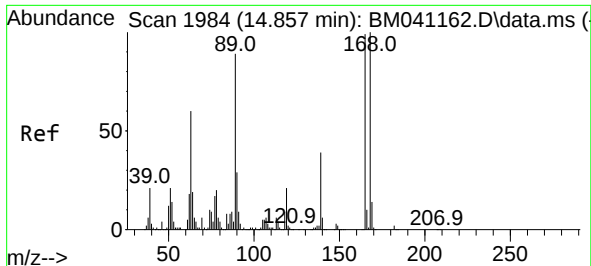
Ion Ratio Lower Upper

139 100

109 82.4 61.2 101.2

65 100.4 89.5 129.5

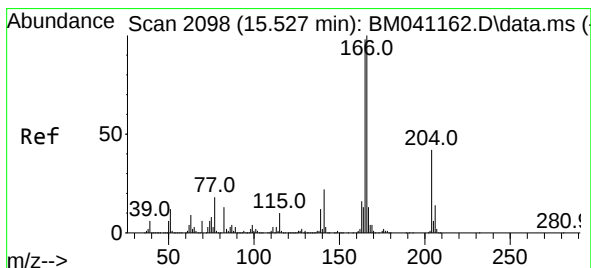
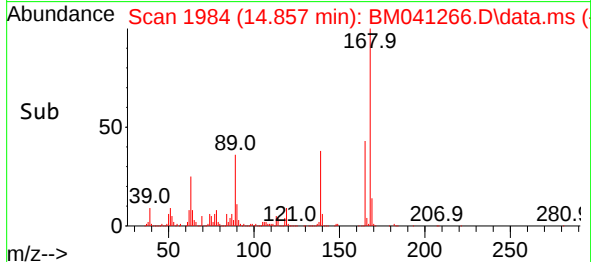
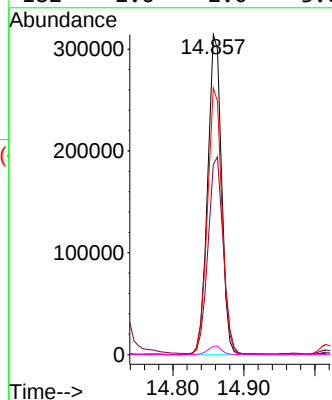
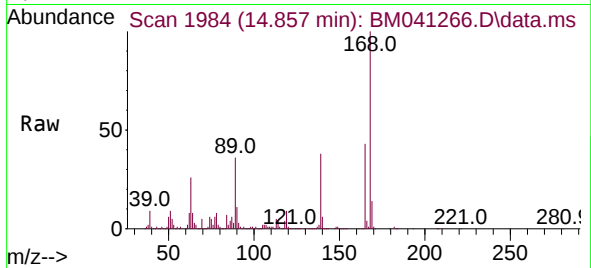




#57
2,4-Dinitrotoluene
Concen: 44.592 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

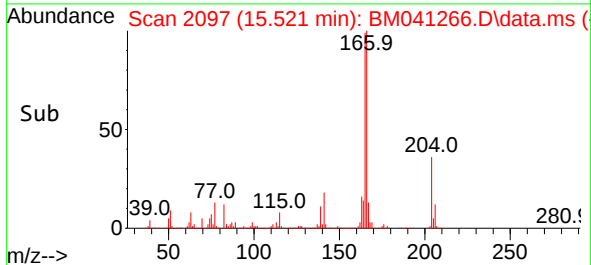
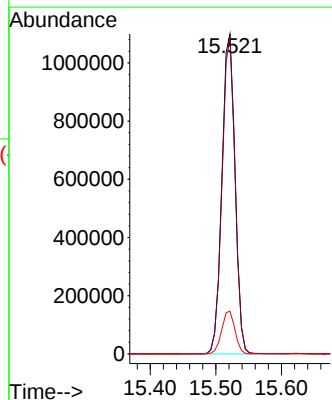
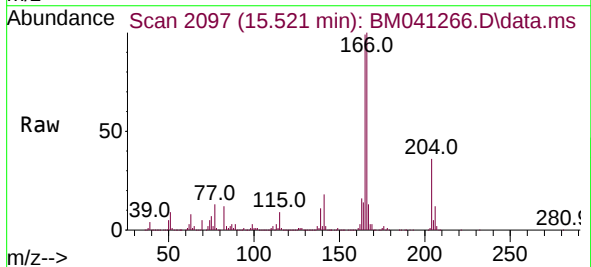
Instrument :
BNA_M
ClientSampleId :
TP-2MS

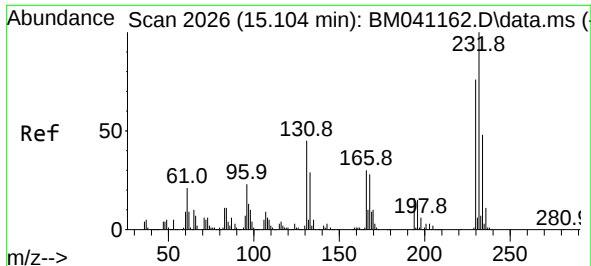
Tgt Ion:165 Resp: 424287
Ion Ratio Lower Upper
165 100
63 59.5 48.3 72.5
89 83.3 71.8 107.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 47.271 ng
RT: 15.521 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:166 Resp: 1537837
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.4
167 13.3 10.6 16.0

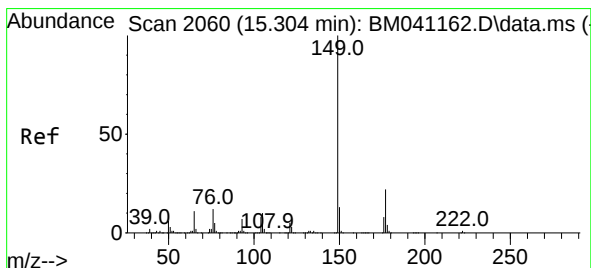
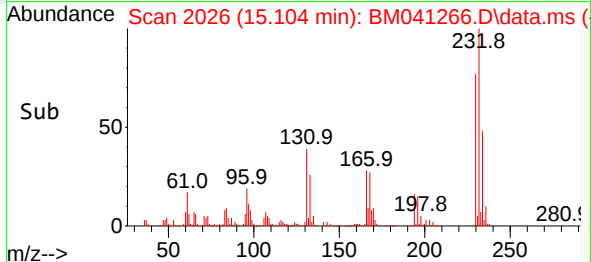
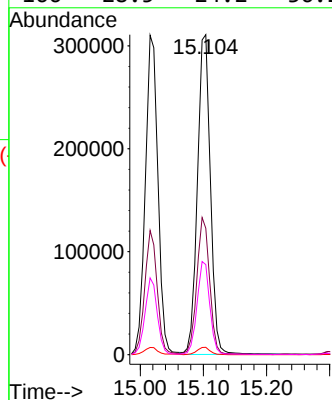
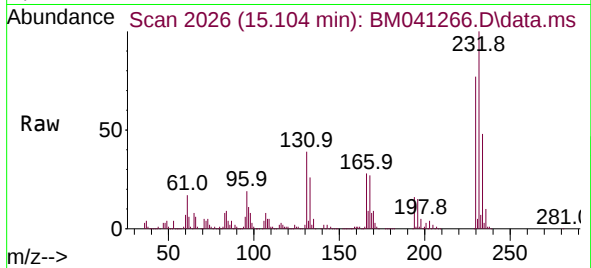




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.030 ng
RT: 15.104 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

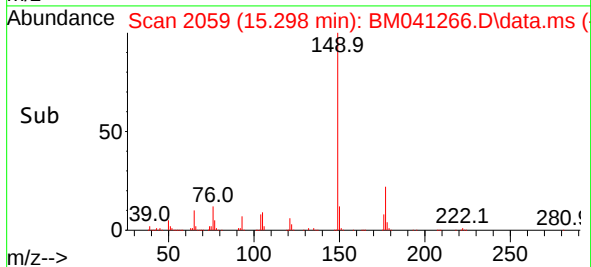
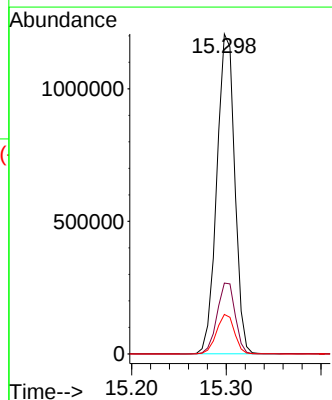
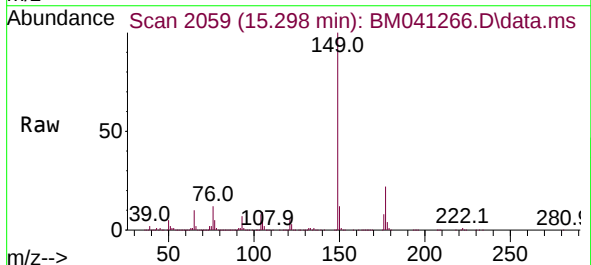
Instrument :
BNA_M
ClientSampleId :
TP-2MS

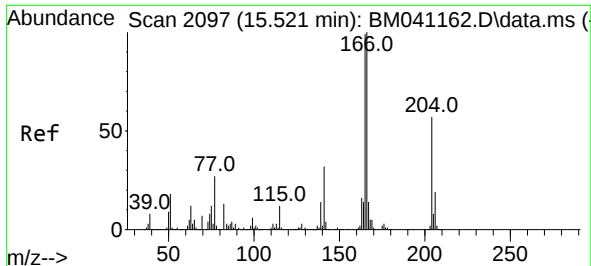
Tgt Ion:232 Resp: 444202
Ion Ratio Lower Upper
232 100
131 42.3 36.9 55.3
130 2.3 2.0 3.0
166 28.5 24.2 36.2



#60
Diethylphthalate
Concen: 50.663 ng
RT: 15.298 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:149 Resp: 1582579
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.3 10.1 15.1

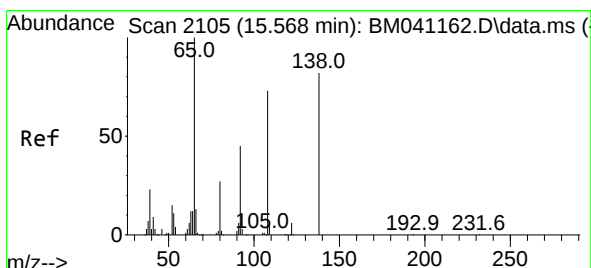
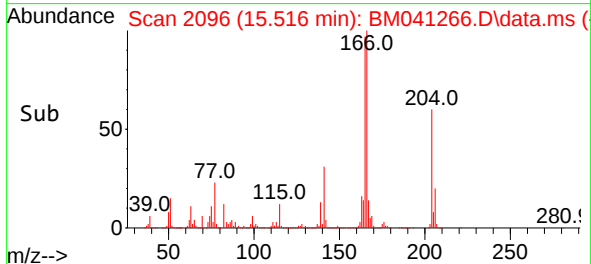
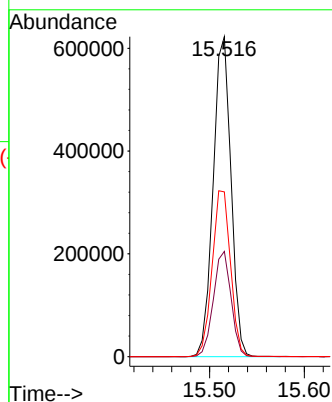
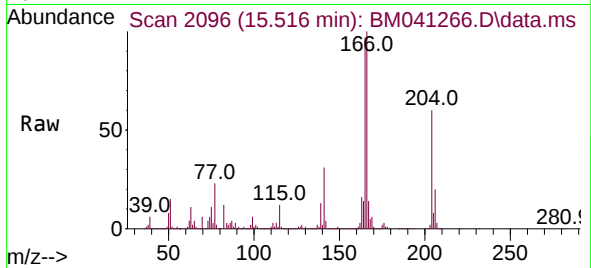




#61
4-Chlorophenyl-phenylether
Concen: 49.923 ng
RT: 15.516 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

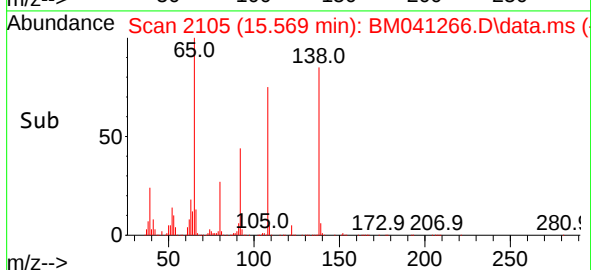
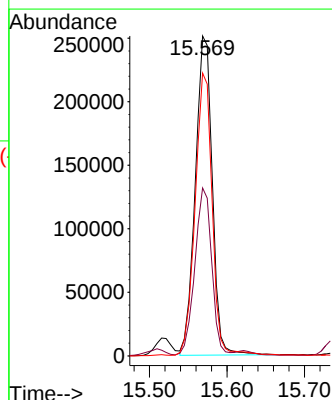
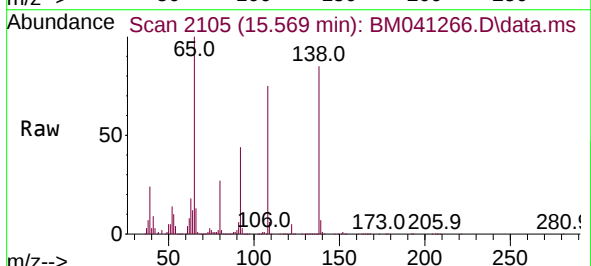
Instrument :
BNA_M
ClientSampleId :
TP-2MS

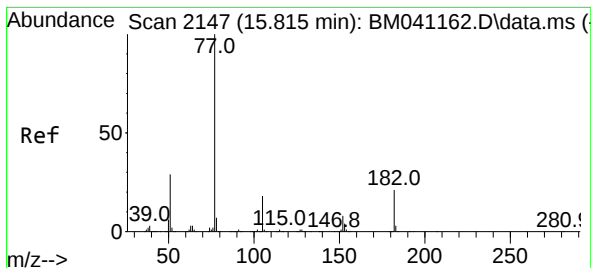
Tgt Ion:204 Resp: 813852
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 51.5 44.8 67.2



#62
4-Nitroaniline
Concen: 53.209 ng
RT: 15.569 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:138 Resp: 383346
Ion Ratio Lower Upper
138 100
92 52.5 35.1 75.1
108 88.4 67.8 107.8





#63

Azobenzene

Concen: 46.418 ng

RT: 15.810 min Scan# 2147

Delta R.T. 0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

Tgt Ion: 77 Resp: 1588296

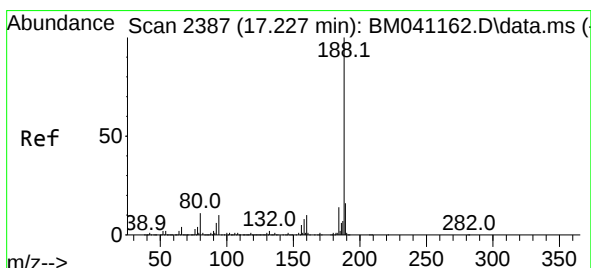
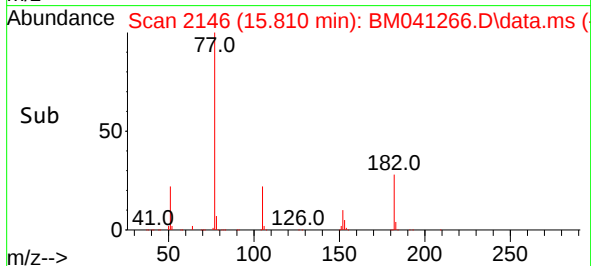
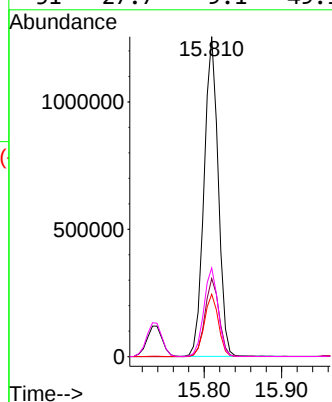
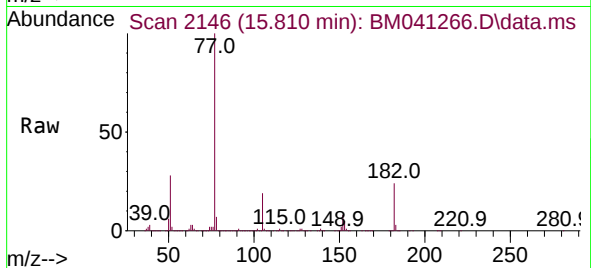
Ion Ratio Lower Upper

77 100

182 24.4 1.3 41.3

105 19.5 0.0 38.5

51 27.7 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2387

Delta R.T. 0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

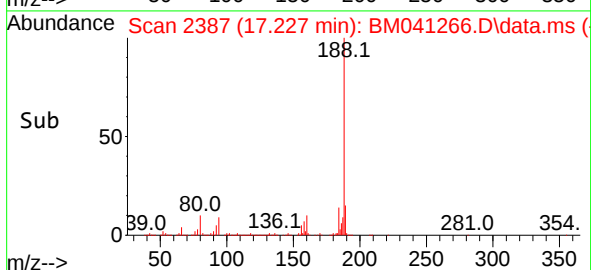
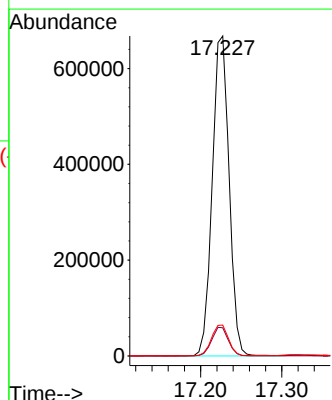
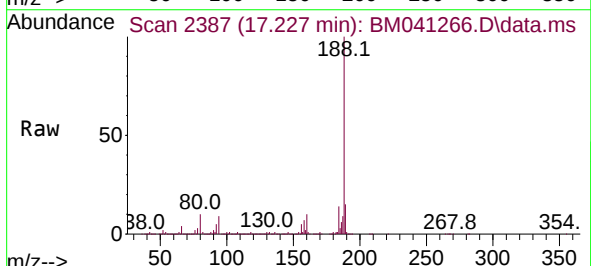
Tgt Ion:188 Resp: 963869

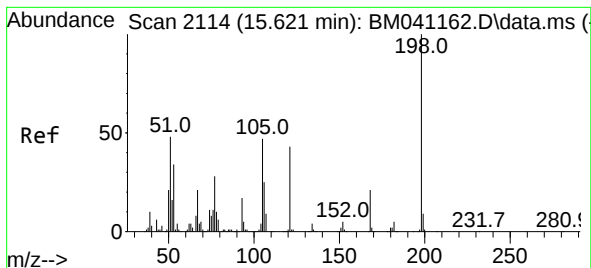
Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

80 9.7 8.6 13.0

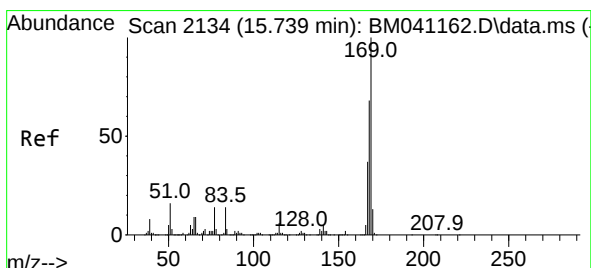
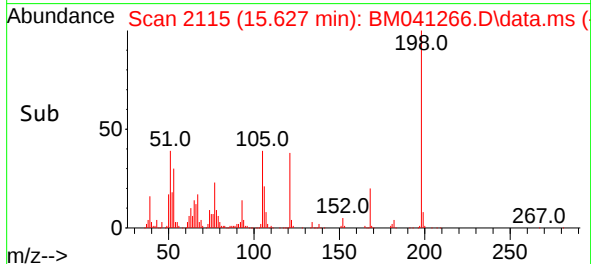
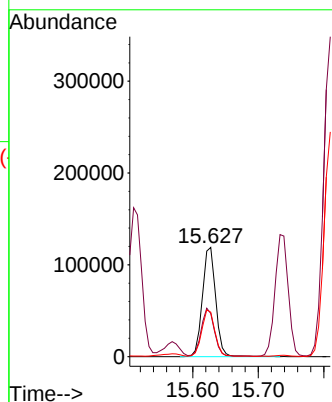
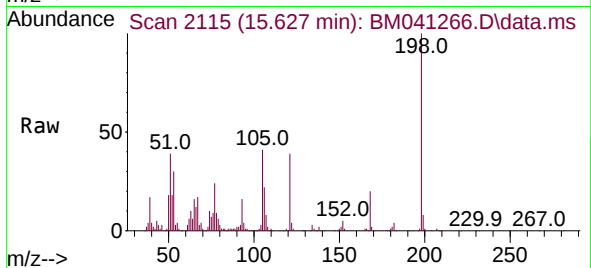




#65
4,6-Dinitro-2-methylphenol
Concen: 28.344 ng
RT: 15.627 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

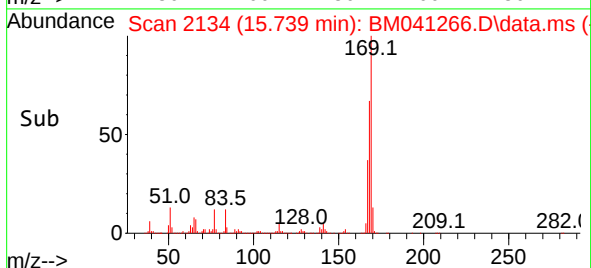
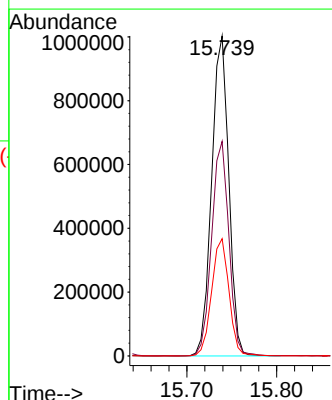
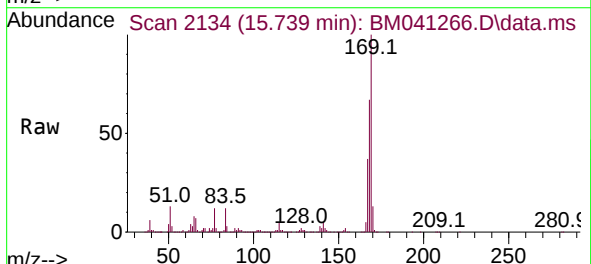
Instrument :
BNA_M
ClientSampleId :
TP-2MS

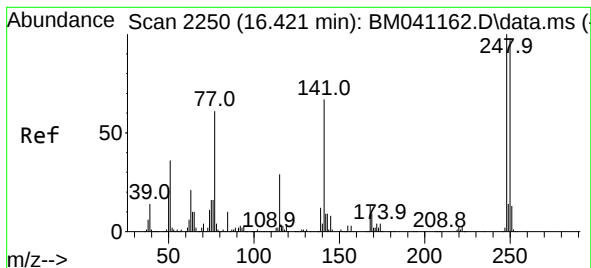
Tgt Ion:198 Resp: 165505
Ion Ratio Lower Upper
198 100
51 39.5 31.7 71.7
105 40.8 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 44.252 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:169 Resp: 1326538
Ion Ratio Lower Upper
169 100
168 67.0 54.6 81.8
167 36.6 29.9 44.9

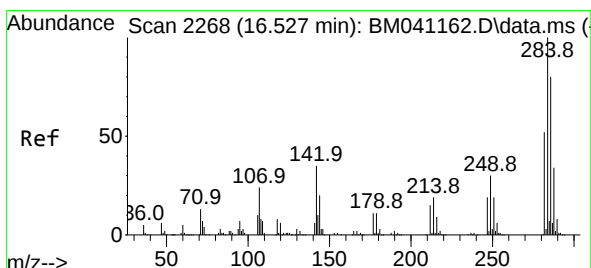
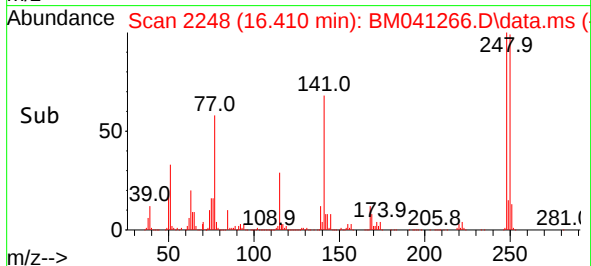
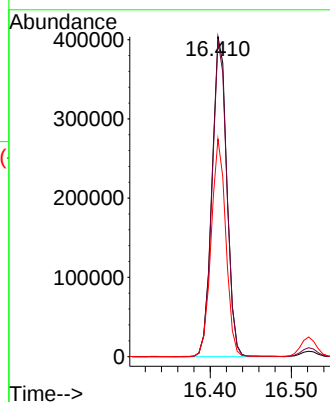
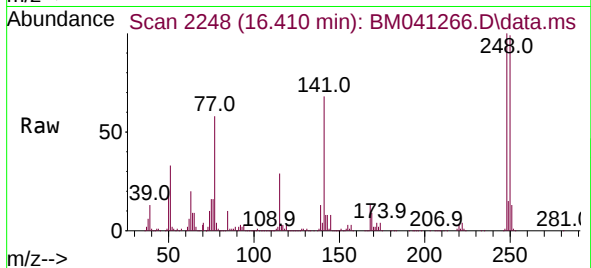




#67
4-Bromophenyl-phenylether
Concen: 48.629 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

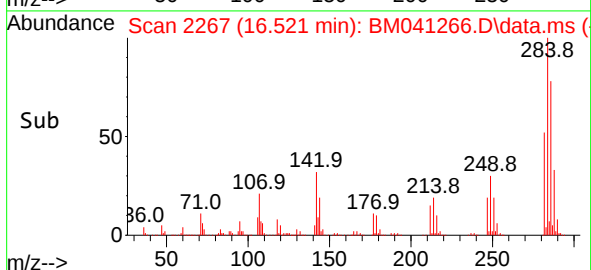
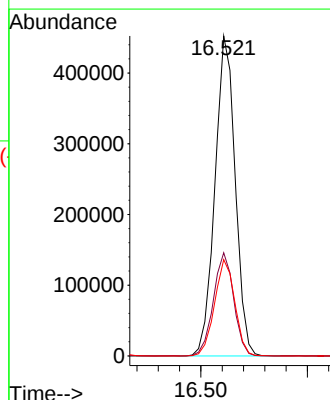
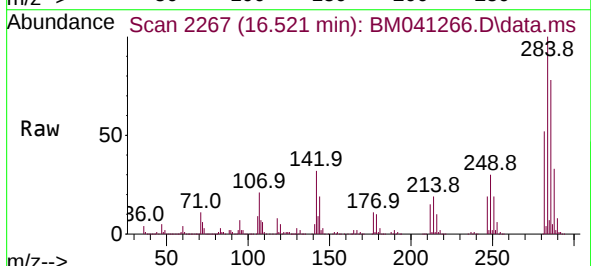
Instrument :
BNA_M
ClientSampleId :
TP-2MS

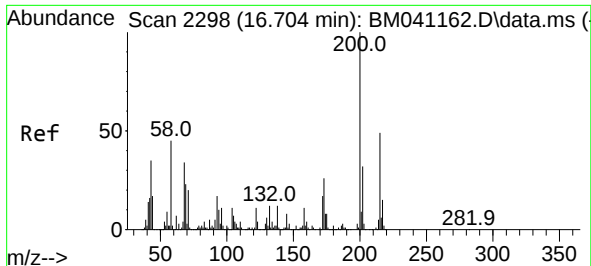
Tgt Ion:248 Resp: 513912
Ion Ratio Lower Upper
248 100
250 98.8 78.0 117.0
141 68.0 53.8 80.8



#68
Hexachlorobenzene
Concen: 50.917 ng
RT: 16.521 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:284 Resp: 598340
Ion Ratio Lower Upper
284 100
142 32.2 28.0 42.0
249 30.1 23.7 35.5

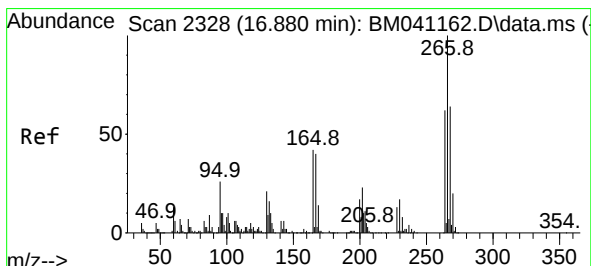
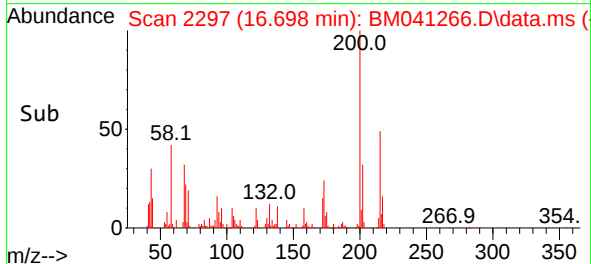
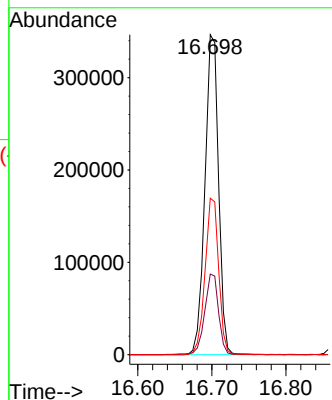
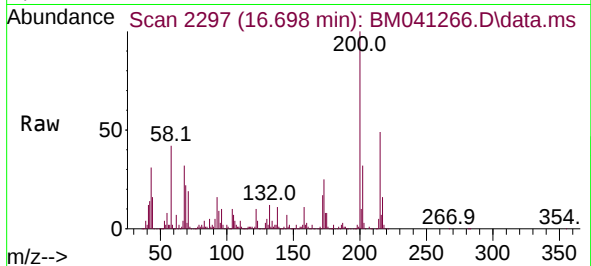




#69
Atrazine
Concen: 56.085 ng
RT: 16.698 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

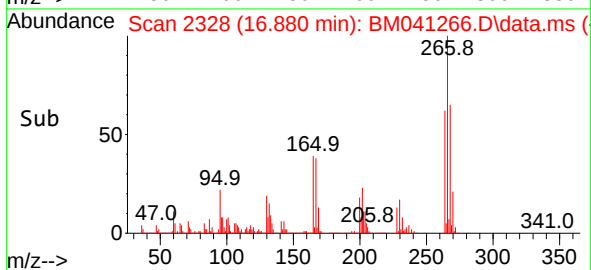
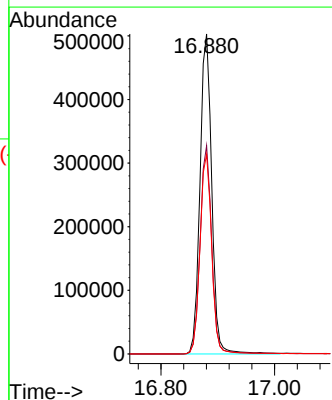
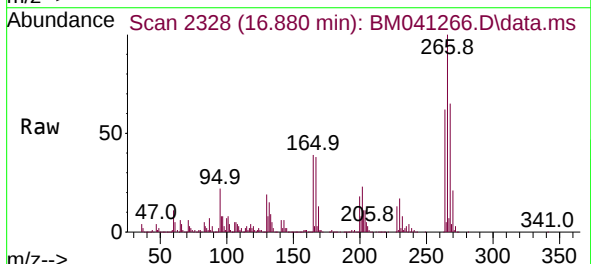
Instrument :
BNA_M
ClientSampleId :
TP-2MS

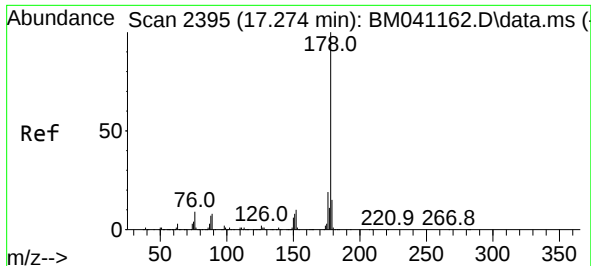
Tgt Ion:200 Resp: 441527
Ion Ratio Lower Upper
200 100
173 25.2 5.6 45.6
215 48.9 28.5 68.5



#70
Pentachlorophenol
Concen: 88.055 ng
RT: 16.880 min Scan# 2328
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:266 Resp: 716526
Ion Ratio Lower Upper
266 100
268 65.1 51.0 76.6
264 62.4 49.4 74.2

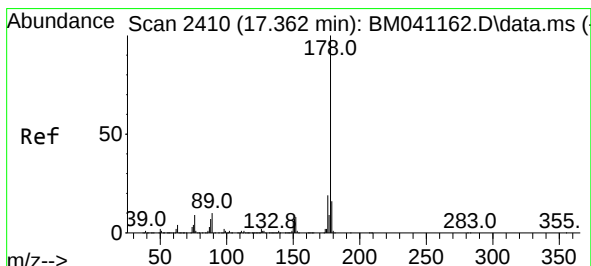
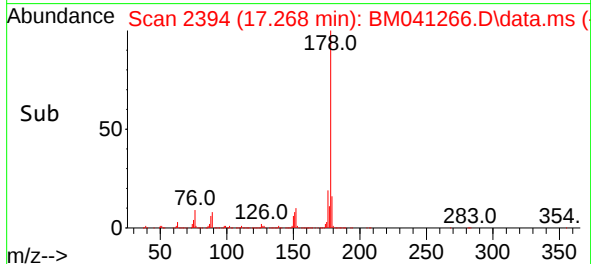
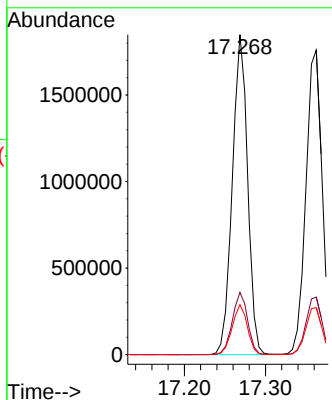
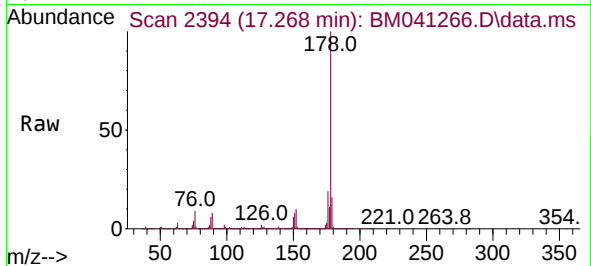




#71
 Phenanthrene
 Concen: 45.141 ng
 RT: 17.268 min Scan# 2395
 Delta R.T. -0.000 min
 Lab File: BM041266.D
 Acq: 03 Aug 2023 17:46

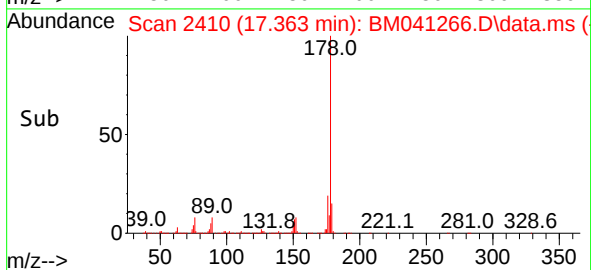
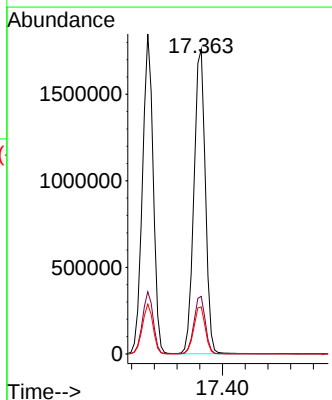
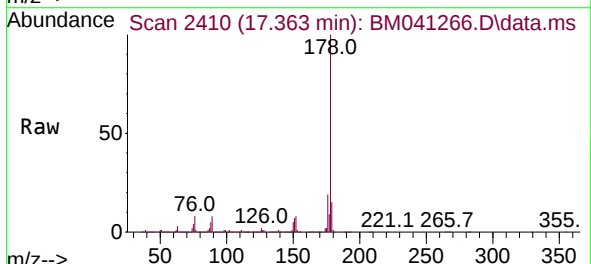
Instrument :
 BNA_M
 ClientSampleId :
 TP-2MS

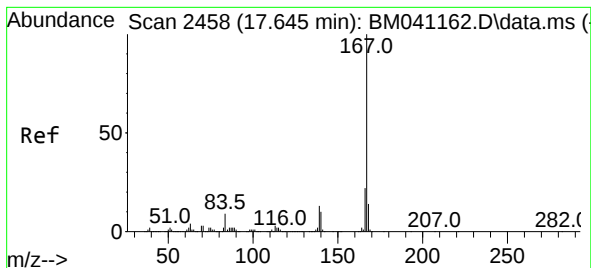
Tgt Ion:178 Resp: 2417447
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.6 12.1 18.1



#72
 Anthracene
 Concen: 46.079 ng
 RT: 17.363 min Scan# 2410
 Delta R.T. 0.006 min
 Lab File: BM041266.D
 Acq: 03 Aug 2023 17:46

Tgt Ion:178 Resp: 2440590
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.4 12.4 18.6





#73

Carbazole

Concen: 46.931 ng

RT: 17.639 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

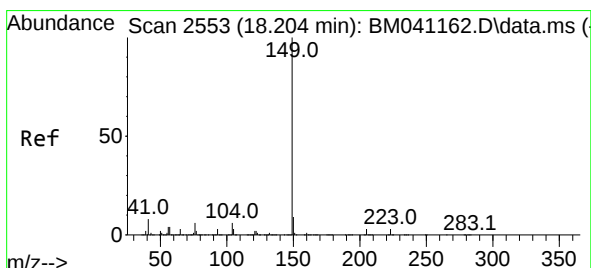
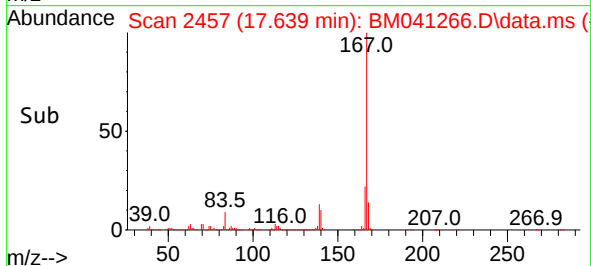
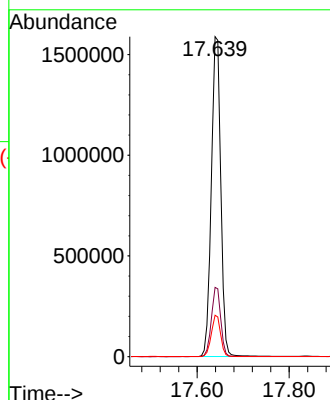
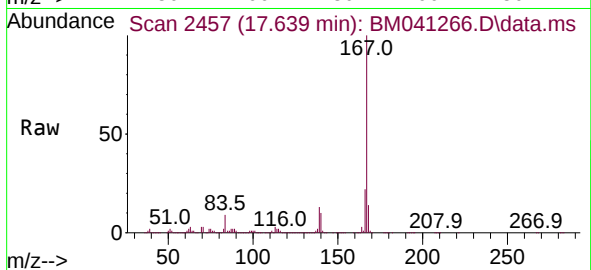
Tgt Ion:167 Resp: 2249785

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 55.041 ng

RT: 18.198 min Scan# 2552

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

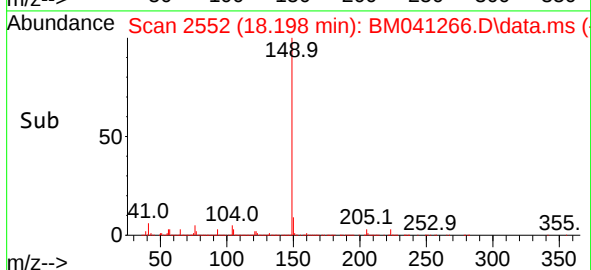
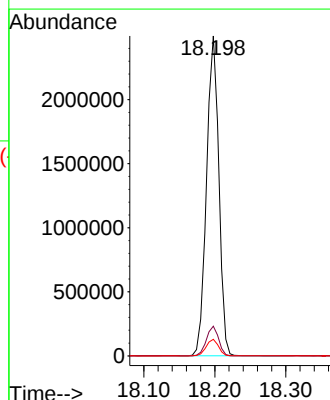
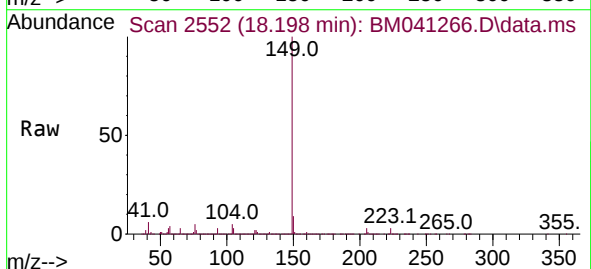
Tgt Ion:149 Resp: 2981649

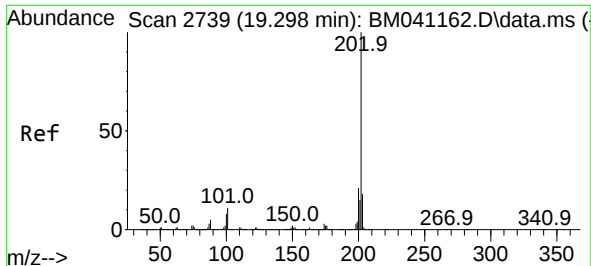
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.2 4.5 6.7

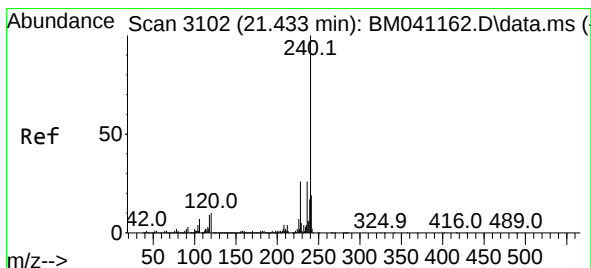
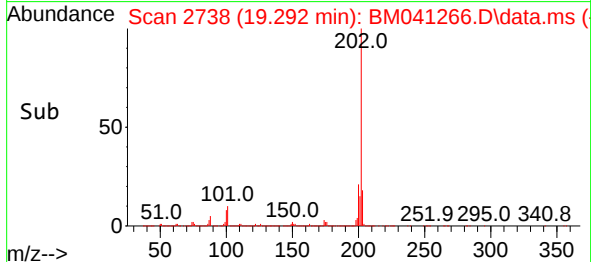
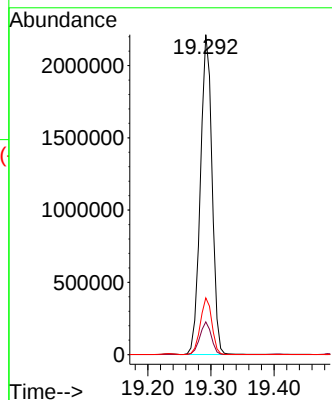
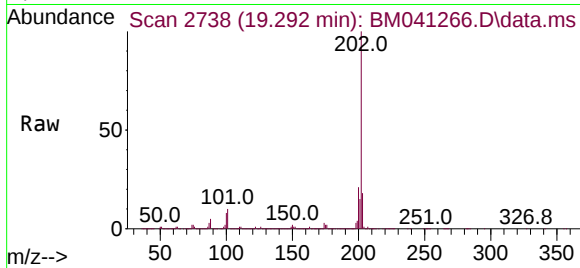




#75
Fluoranthene
Concen: 47.132 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

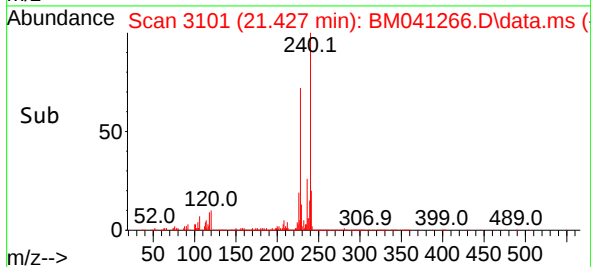
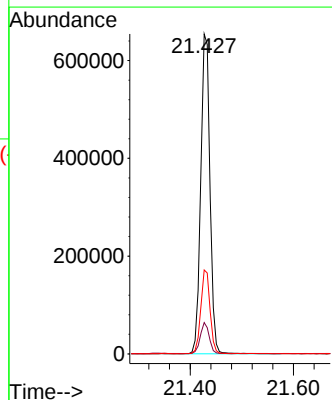
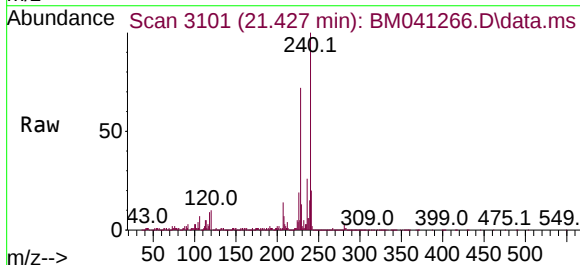
Instrument :
BNA_M
ClientSampleId :
TP-2MS

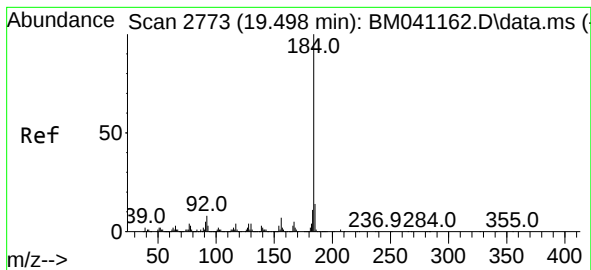
Tgt Ion:202 Resp: 2835727
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.8
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:240 Resp: 808832
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 26.2 20.6 30.8





#77

Benzidine

Concen: 125.250 ng

RT: 19.498 min Scan# 2773

Delta R.T. 0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

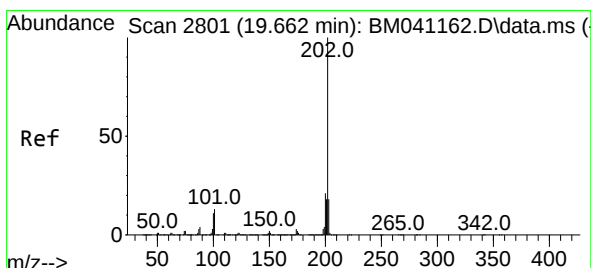
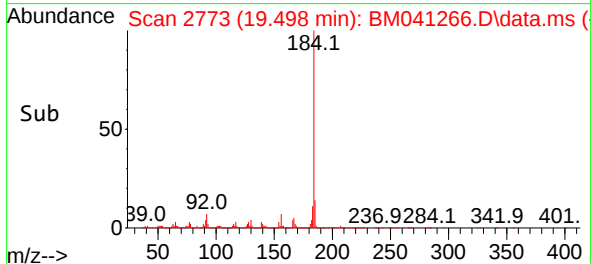
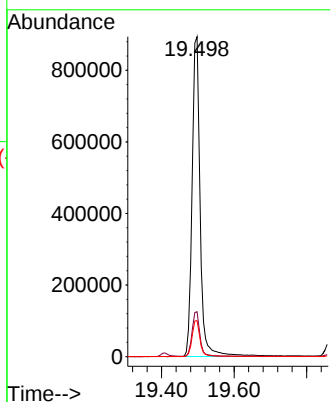
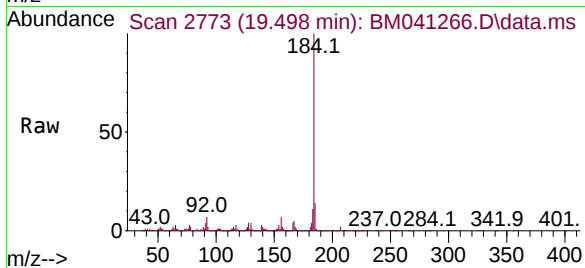
Tgt Ion:184 Resp: 1380788

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

183 11.2 9.2 13.8



#78

Pyrene

Concen: 50.898 ng

RT: 19.657 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

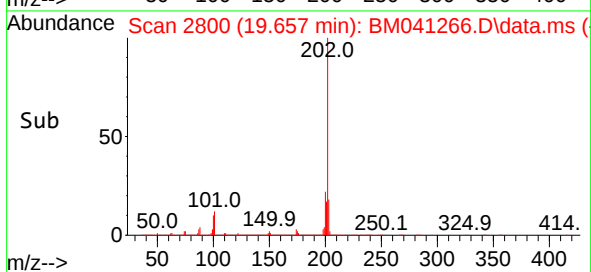
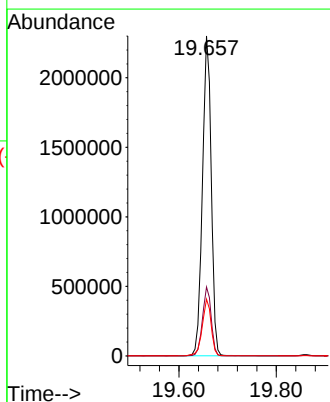
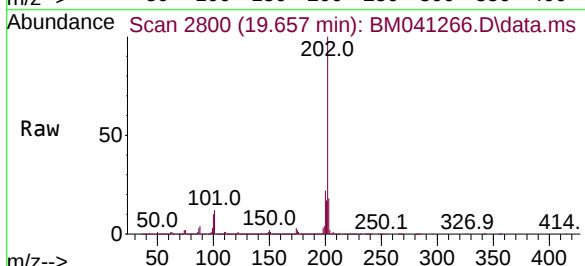
Tgt Ion:202 Resp: 2878915

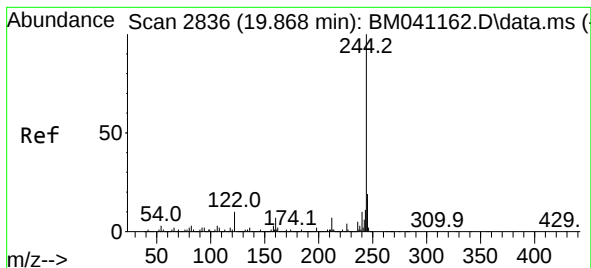
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 69.310 ng

RT: 19.862 min Scan# 2836

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

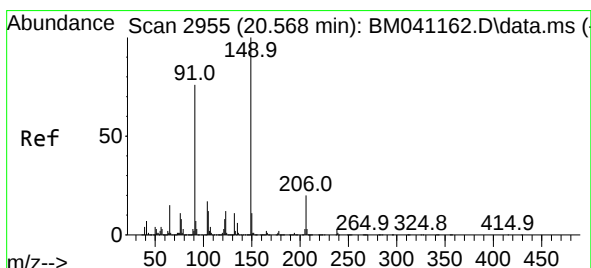
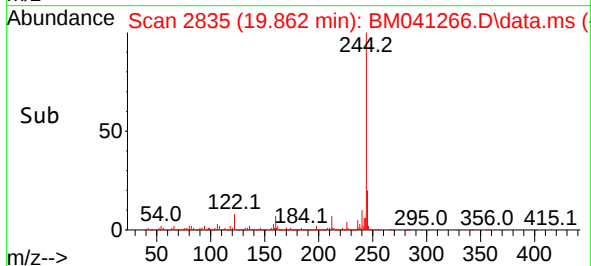
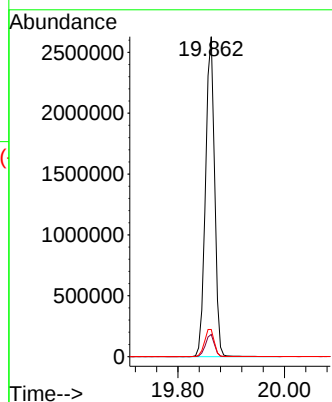
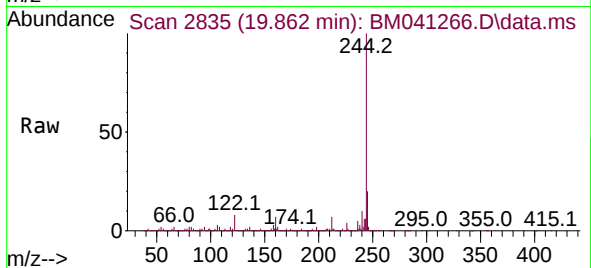
Tgt Ion:244 Resp: 3100561

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 8.5 7.8 11.6



#80

Butylbenzylphthalate

Concen: 63.750 ng

RT: 20.562 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

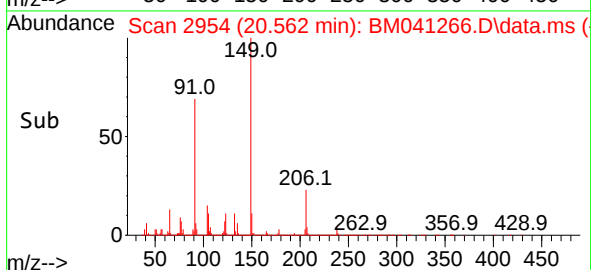
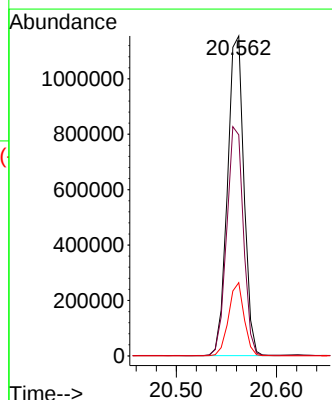
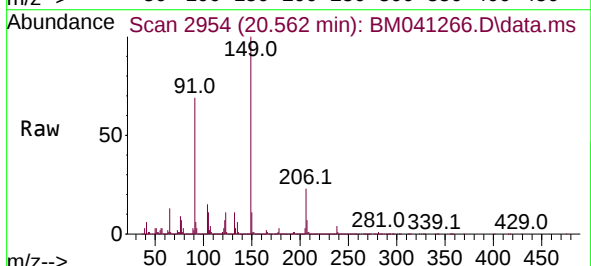
Tgt Ion:149 Resp: 1316794

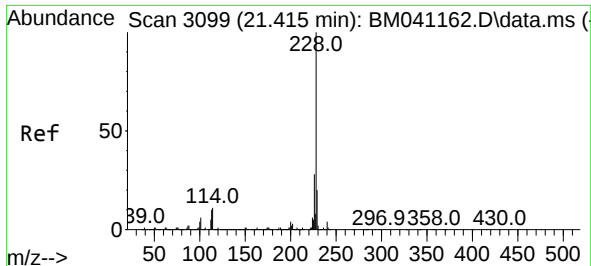
Ion Ratio Lower Upper

149 100

91 69.1 60.8 91.2

206 22.9 16.4 24.6

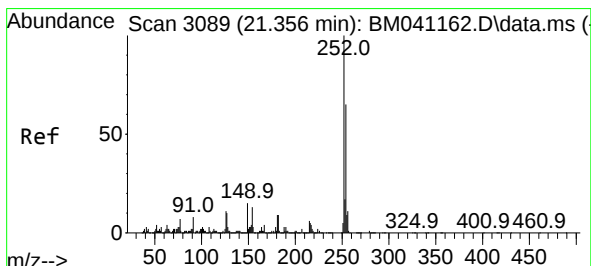
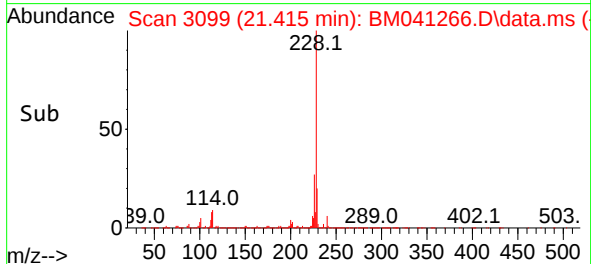
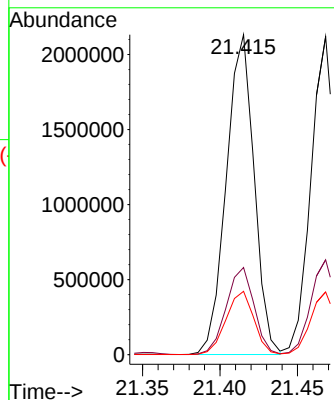
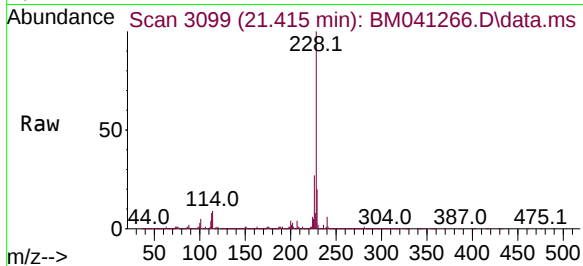




#81
Benzo(a)anthracene
Concen: 48.613 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

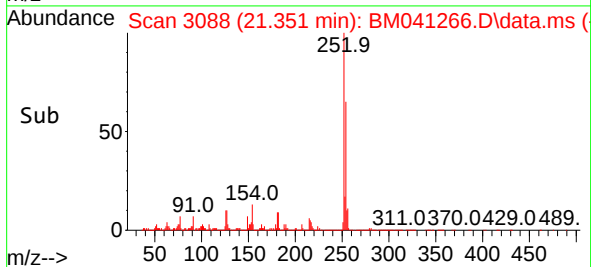
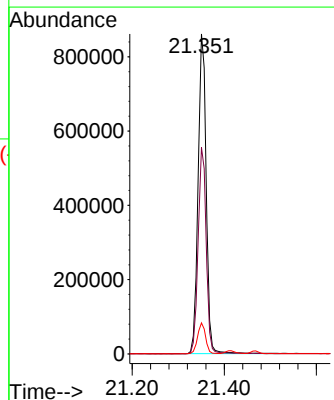
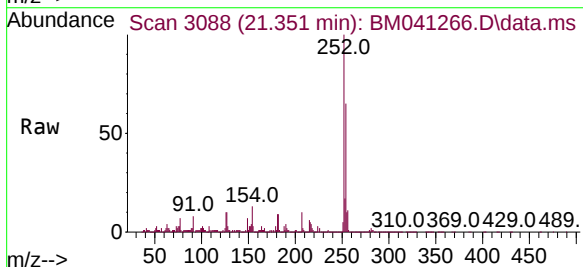
Instrument :
BNA_M
ClientSampleId :
TP-2MS

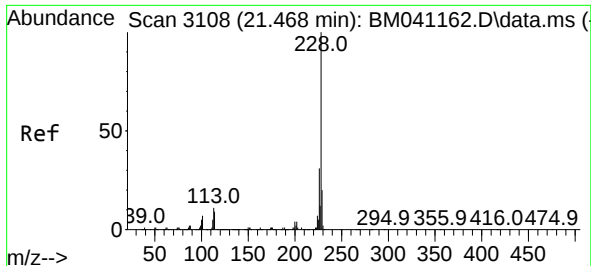
Tgt Ion:228 Resp: 2665561
Ion Ratio Lower Upper
228 100
226 27.2 22.4 33.6
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 58.497 ng
RT: 21.351 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:252 Resp: 1046657
Ion Ratio Lower Upper
252 100
254 64.5 51.8 77.6
126 9.7 8.6 13.0

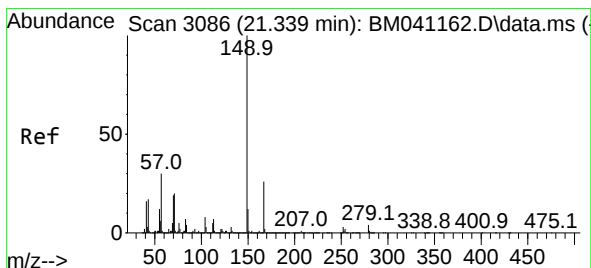
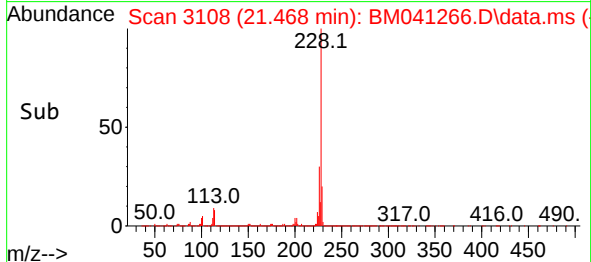
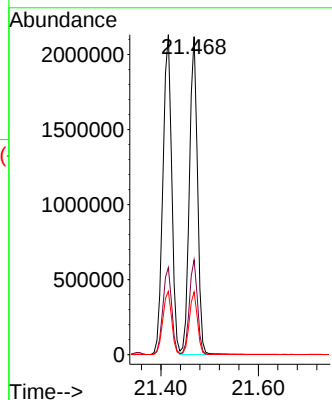
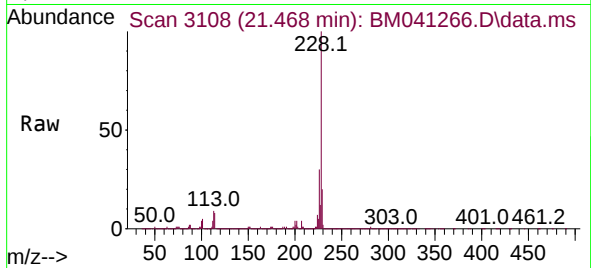




#83
Chrysene
Concen: 45.906 ng
RT: 21.468 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

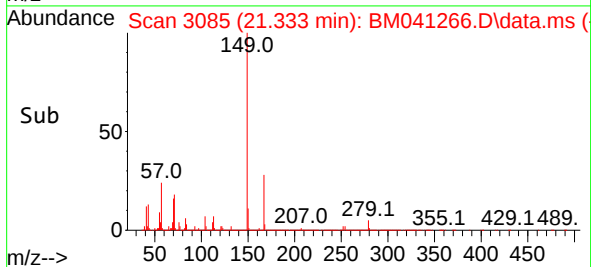
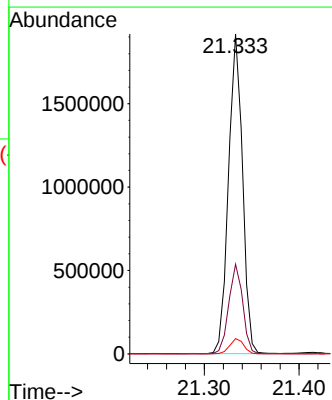
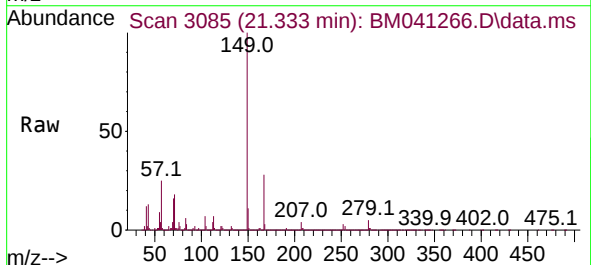
Instrument :
BNA_M
ClientSampleId :
TP-2MS

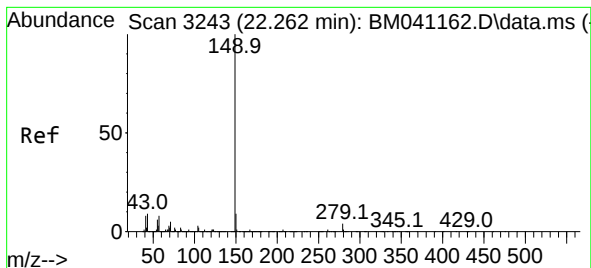
Tgt Ion:228 Resp: 2434656
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 19.7 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.295 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM041266.D
Acq: 03 Aug 2023 17:46

Tgt Ion:149 Resp: 1965718
Ion Ratio Lower Upper
149 100
167 28.0 21.0 31.6
279 4.8 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 61.593 ng

RT: 22.250 min Scan# 3241

Delta R.T. -0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

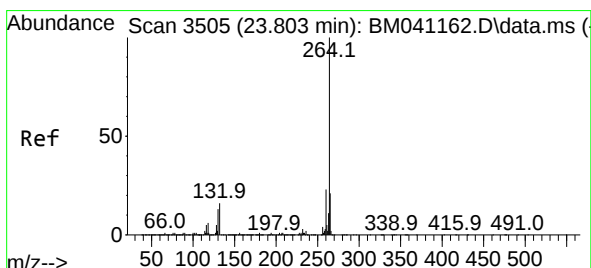
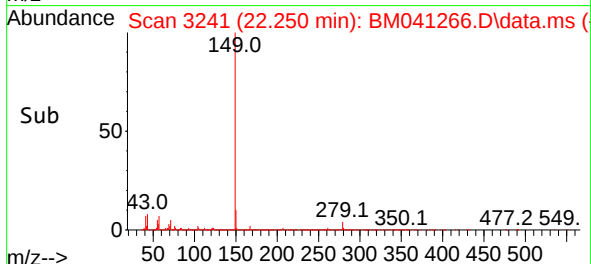
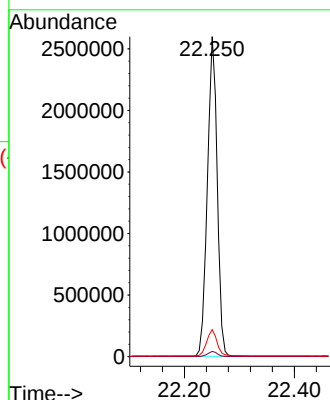
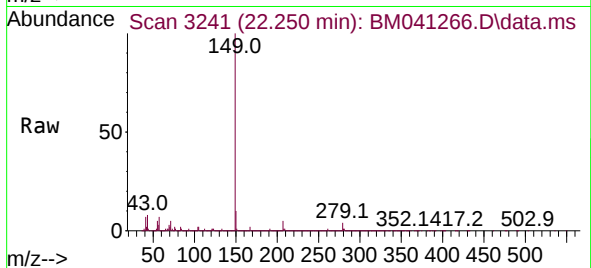
Tgt Ion:149 Resp: 3215406

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.8 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3504

Delta R.T. -0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

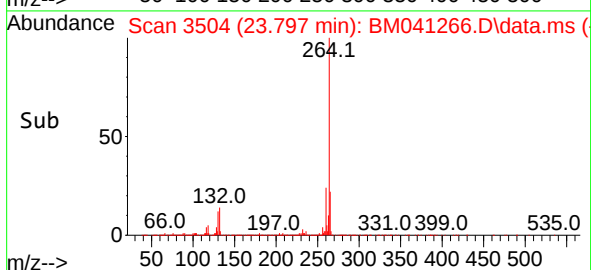
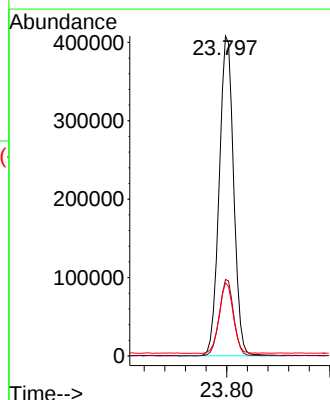
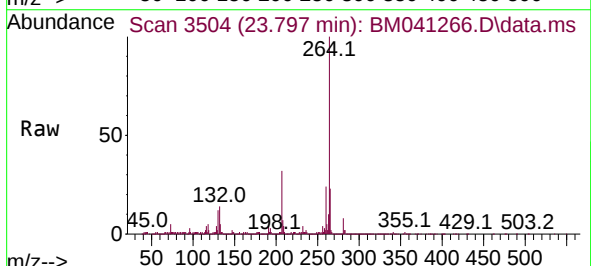
Tgt Ion:264 Resp: 796165

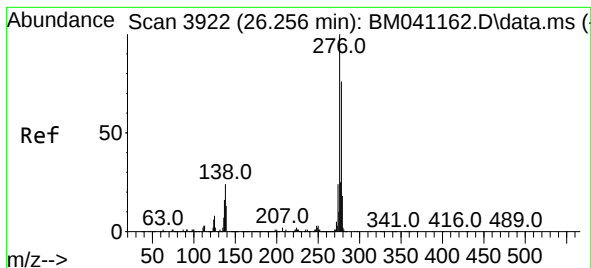
Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.149 ng

RT: 26.262 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

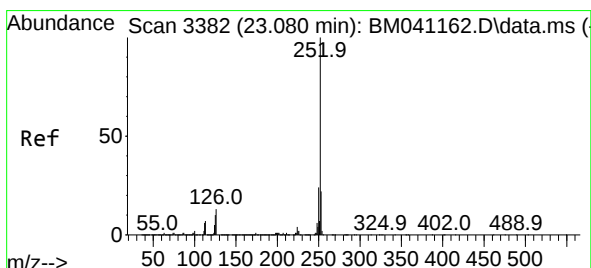
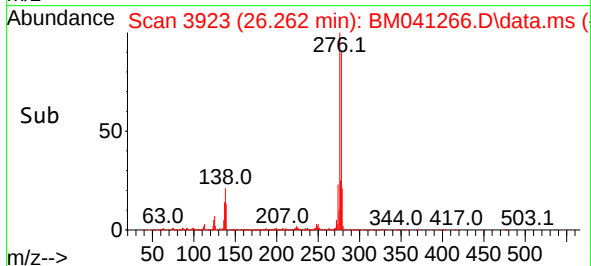
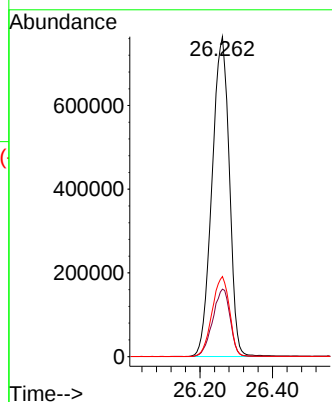
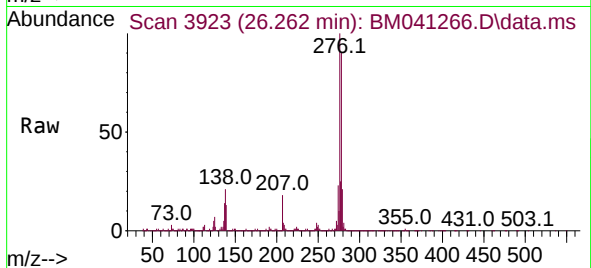
Tgt Ion:276 Resp: 2525711

Ion Ratio Lower Upper

276 100

138 21.2 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 52.030 ng

RT: 23.080 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

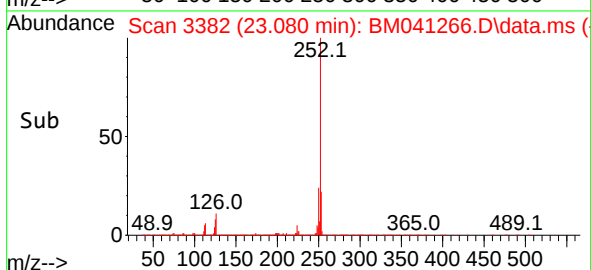
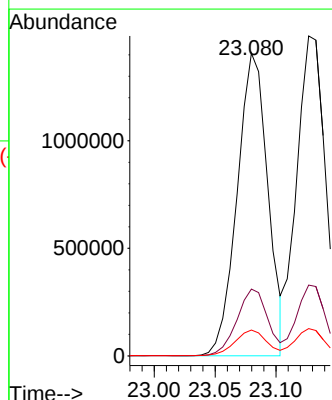
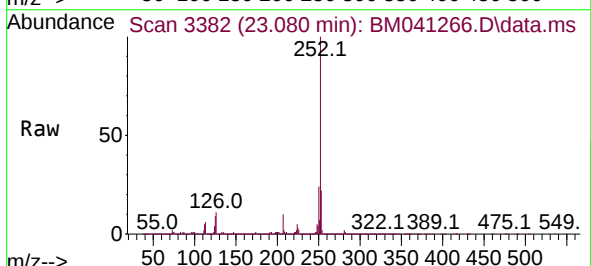
Tgt Ion:252 Resp: 2460856

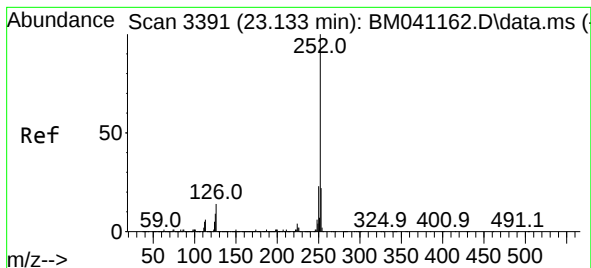
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.6 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 50.384 ng

RT: 23.127 min Scan# 3391

Delta R.T. -0.006 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

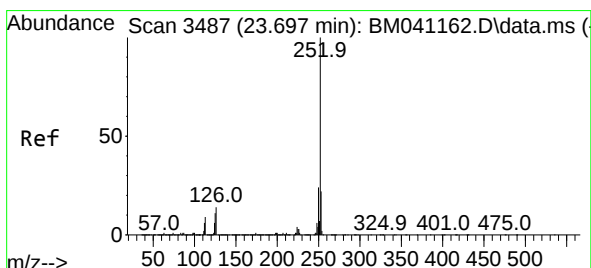
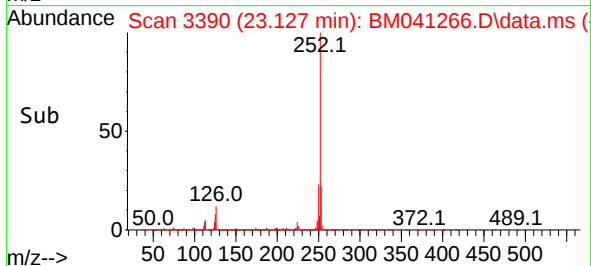
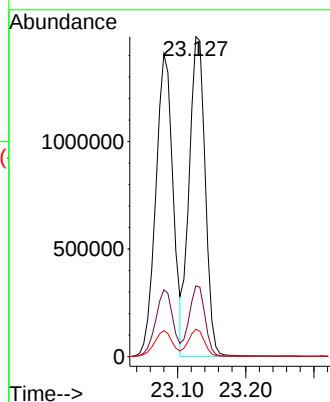
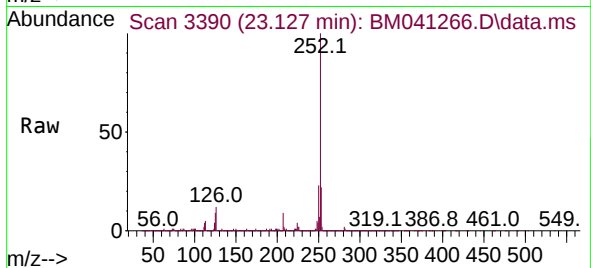
Tgt Ion:252 Resp: 2437590

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 8.5 7.6 11.4



#90

Benzo(a)pyrene

Concen: 45.939 ng

RT: 23.697 min Scan# 3487

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

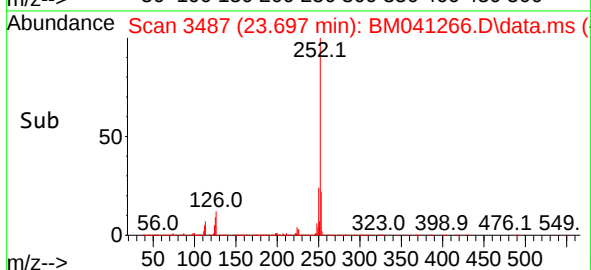
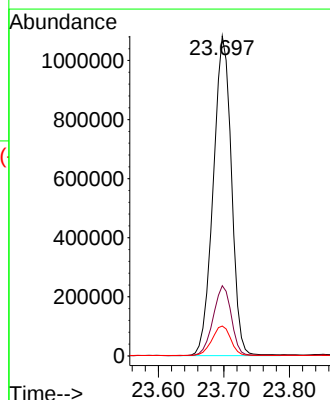
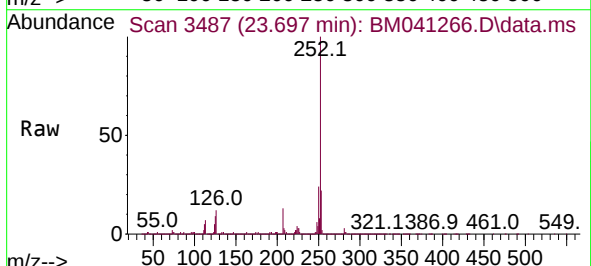
Tgt Ion:252 Resp: 2087719

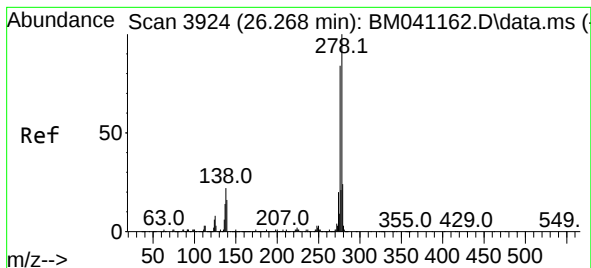
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 43.944 ng

RT: 26.274 min Scan# 39

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

TP-2MS

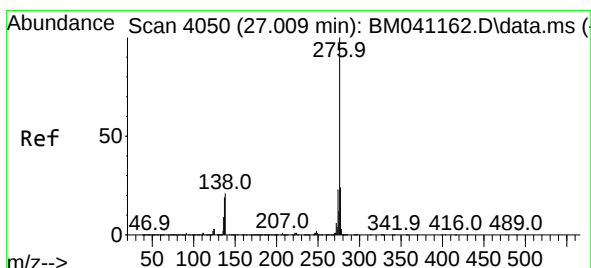
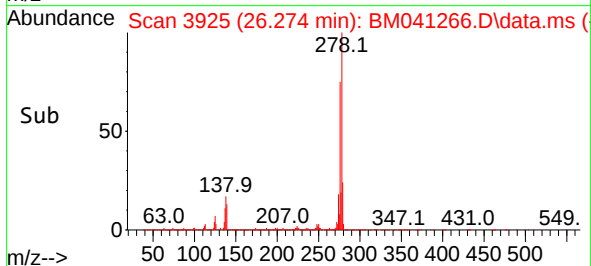
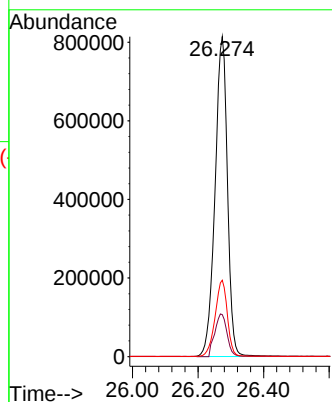
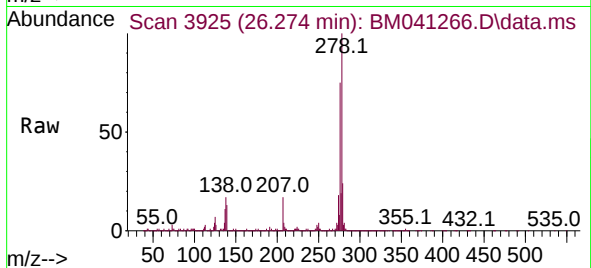
Tgt Ion:278 Resp: 2145489

Ion Ratio Lower Upper

278 100

139 13.1 12.7 19.1

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 41.208 ng

RT: 27.015 min Scan# 4051

Delta R.T. -0.000 min

Lab File: BM041266.D

Acq: 03 Aug 2023 17:46

Tgt Ion:276 Resp: 1968624

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 18.1 17.1 25.7

