

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120723\
 Data File : BM043186.D
 Acq On : 07 Dec 2023 18:06
 Operator : MA/JU
 Sample : SST080073
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST080038

Quant Time: Dec 08 00:04:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 00:03:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	503946	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	2284411	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	1478173	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	3129968	20.000	ng/u1	0.00
79) Chrysene-d12	21.544	240	2924072	20.000	ng/u1	0.00
88) Perylene-d12	23.944	264	2681493	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	379088	29.525	ng/uL	0.00
4) Pyridine-d5	3.816	84	3130903	83.564	ng/u1	0.00
7) Phenol-d5	7.181	99	4267990	87.581	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.357	67	2546222	82.759	ng/u1	0.00
11) 2-Chlorophenol-d4	7.545	132	3245105	85.082	ng/u1	0.00
15) 4-Methylphenol-d8	8.733	113	3346129	86.081	ng/u1	0.01
21) Nitrobenzene-d5	9.192	128	1669296	85.733	ng/u1	0.01
24) 2-Nitrophenol-d4	9.910	143	1802473	96.000	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	3613616	86.348	ng/u1	0.01
31) 4-Chloroaniline-d4	10.969	131	4881910	80.997	ng/u1	0.01
46) Dimethylphthalate-d6	14.068	166	10480638	80.885	ng/u1	0.01
49) Acenaphthylene-d8	14.339	160	11951151	79.723	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	2014463	88.959	ng/u1	0.03
60) Fluorene-d10	15.633	176	9074367	80.338	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.762	200	1636415	105.659	ng/u1	0.02
73) Anthracene-d10	17.480	188	13454644	79.457	ng/u1	0.00
81) Pyrene-d10	19.756	212	14573379	77.892	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	13291969	84.949	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	416992	29.566	ng/uL	95
5) Pyridine	3.840	79	3187517	82.567	ng/u1	98
6) Benzaldehyde	7.157	77	1960099	70.742	ng/u1	98
8) Phenol	7.204	94	4200117	86.791	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.451	93	3278059	82.986	ng/u1	99
12) 2-Chlorophenol	7.575	128	3241977	83.786	ng/u1	100
13) 2-Methylphenol	8.463	108	3244065	86.666	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.545	45	5385184	80.936	ng/u1	100
16) Acetophenone	8.857	105	5292569	83.048	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.857	70	2796576	80.201	ng/u1	95
18) 4-Methylphenol	8.804	108	3499706	85.492	ng/u1	99
19) Hexachloroethane	9.092	117	1303564	79.480	ng/u1	96
22) Nitrobenzene	9.233	77	3814312	81.476	ng/u1	98
23) Isophorone	9.769	82	8046037	80.659	ng/u1	98
25) 2-Nitrophenol	9.939	139	1864823	90.623	ng/u1	99
26) 2,4-Dimethylphenol	9.998	107	3214271	79.668	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.251	93	4656095	79.388	ng/u1	100
29) 2,4-Dichlorophenol	10.475	162	3452550	84.999	ng/u1	99
30) Naphthalene	10.875	128	10954829	78.128	ng/u1	99
32) 4-Chloroaniline	10.992	127	4599791	80.877	ng/u1	100
33) Hexachlorobutadiene	11.145	225	2026511	80.069	ng/u1	99
34) Caprolactam	11.798	113	536430	43.900	ng/u1	96
35) 4-Chloro-3-methylphenol	12.116	107	3553340	83.311	ng/u1	99
36) 2-Methylnaphthalene	12.480	142	7905283	78.364	ng/u1	99

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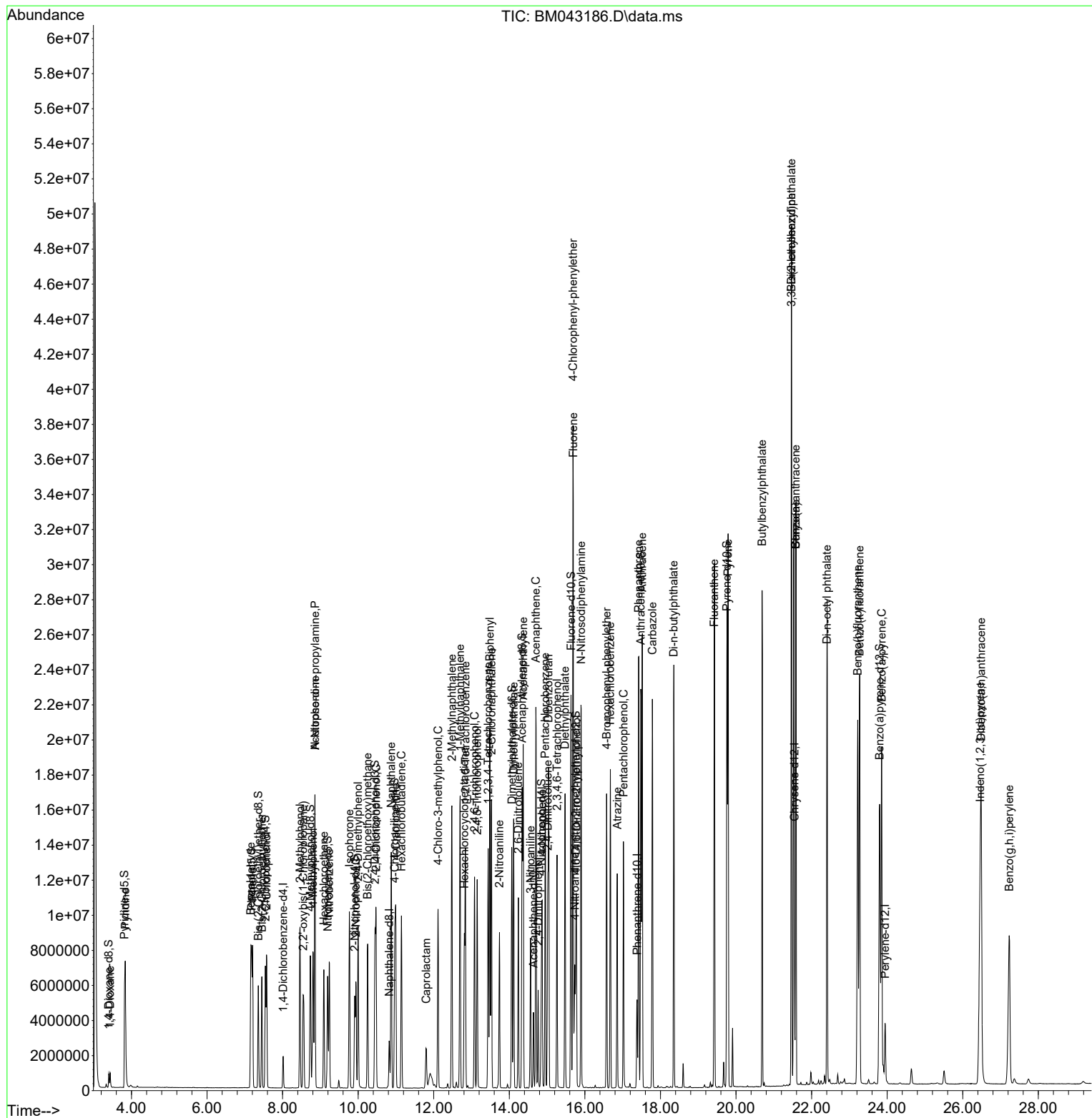
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37) 1-Methylnaphthalene	12.698	142	7999267	78.122	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.839	216	4162826	83.239	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	2287659	84.531	ng/ul	99
41) 2,4,6-Trichlorophenol	13.080	196	2764752	88.843	ng/ul	100
42) 2,4,5-Trichlorophenol	13.151	196	2981174	88.018	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	10432797	79.784	ng/ul	98
44) 2-Chloronaphthalene	13.527	162	8162576	80.529	ng/ul	100
45) 2-Nitroaniline	13.739	65	2398541	89.547	ng/ul	96
47) Dimethylphthalate	14.116	163	10234100	80.527	ng/ul	99
48) 2,6-Dinitrotoluene	14.239	165	2113839	90.277	ng/ul	95
50) Acenaphthylene	14.368	152	13109000	77.371	ng/ul	94
51) 3-Nitroaniline	14.563	138	2209072	85.690	ng/ul	99
52) Acenaphthene	14.704	153	8908959	79.716	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	1063197	112.397	ng/ul	99
55) 4-Nitrophenol	14.868	109	1419193	85.428	ng/ul	99
56) Dibenzofuran	15.039	168	11956215	78.318	ng/ul	96
57) 2,4-Dinitrotoluene	15.015	165	3018766	90.295	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.262	232	2484673	88.256	ng/ul	96
59) Diethylphthalate	15.474	149	10430714	81.596	ng/ul	99
61) Fluorene	15.692	166	10170901	76.964	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	5340194	81.795	ng/ul	98
63) 4-Nitroaniline	15.733	138	2000083	76.028	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.774	198	1754102	101.487	ng/ul	100
67) N-Nitrosodiphenylamine	15.904	169	8440617	80.416	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	3208147	84.760	ng/ul	97
69) Hexachlorobenzene	16.674	284	3719251	82.816	ng/ul	98
70) Atrazine	16.857	200	2188149	70.705	ng/ul	98
71) Pentachlorophenol	17.021	266	2326753	92.610	ng/ul	99
72) Phenanthrene	17.421	178	14241632	72.967	ng/ul#	87
74) Anthracene	17.515	178	13836991	70.378	ng/ul#	83
75) 1,2,3,4-Tetrachloroben...	13.439	216	4173440	84.282	ng/ul	98
76) Pentachlorobenzene	14.951	250	4194389	83.352	ng/ul	99
77) Carbazole	17.786	167	13473978	77.943	ng/ul#	90
78) Di-n-butylphthalate	18.351	149	14151944	67.368	ng/ul#	85
80) Fluoranthene	19.421	202	14432163	67.244	ng/ul#	88
82) Pyrene	19.786	202	14377138	64.397	ng/ul#	86
83) Butylbenzylphthalate	20.692	149	8352640	94.053	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.462	252	6254415	87.559	ng/ul	100
85) Benzo(a)anthracene	21.580	228	13404029	59.788	ng/ul#	80
86) Bis(2-ethylhexyl)phtha...	21.468	149	11195849	79.864	ng/ul#	85
87) Chrysene	21.580	228	13407477	66.958	ng/ul#	84
89) Di-n-octyl phthalate	22.403	149	15335811	78.963	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	16354990	85.484	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	15650235	82.131	ng/ul	98
93) Benzo(a)pyrene	23.856	252	14734624	83.321	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	16048604	79.668	ng/ul	97
95) Dibenzo(a,h)anthracene	26.485	278	13628818	80.920	ng/ul	99
96) Benzo(g,h,i)perylene	27.232	276	11824588	77.915	ng/ul	98

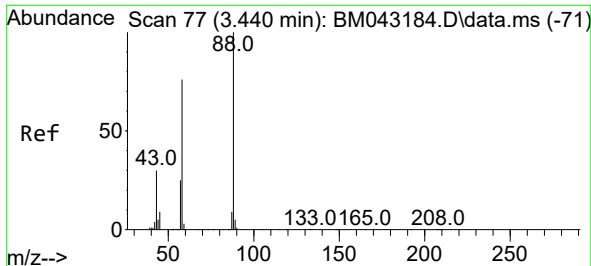
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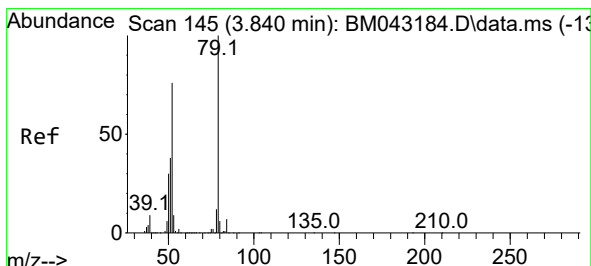
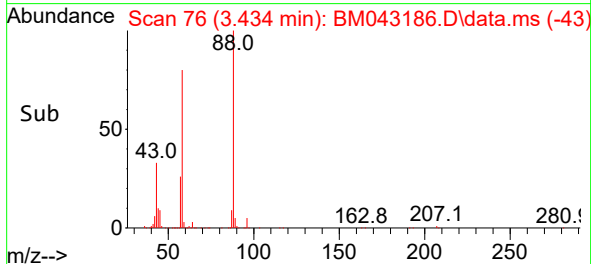
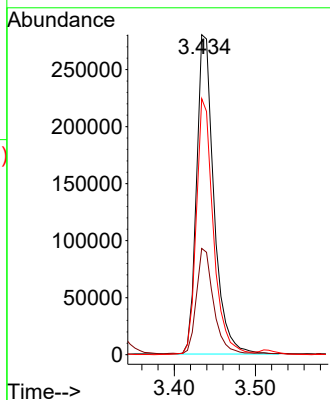
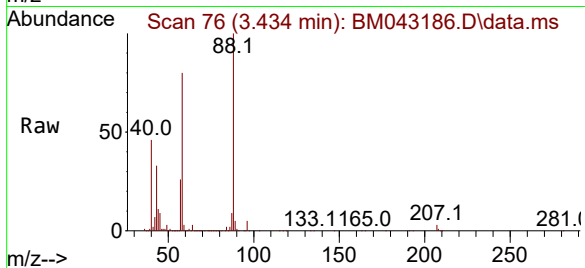




#2
1,4-Dioxane
Concen: 29.566 ng/uL
RT: 3.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

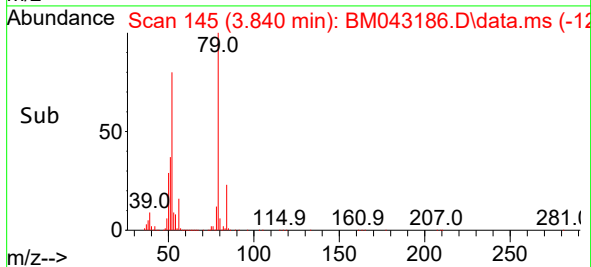
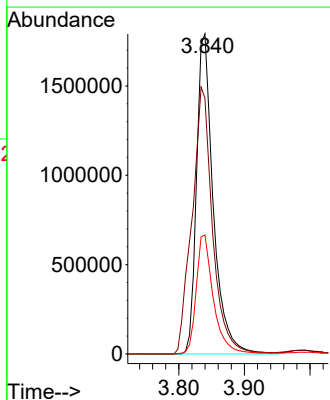
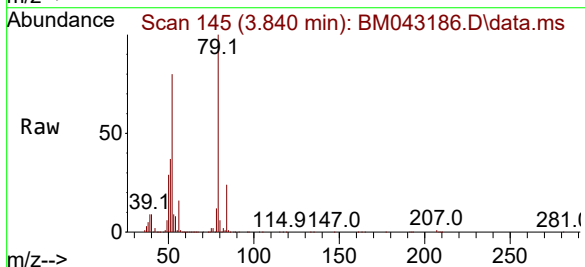
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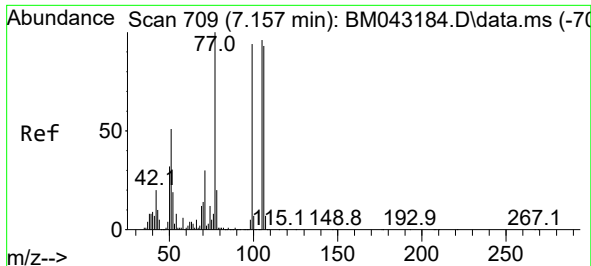
Tgt Ion: 88 Resp: 416992
Ion Ratio Lower Upper
88 100
43 33.2 25.0 37.4
58 80.0 60.6 90.8



#5
Pyridine
Concen: 82.567 ng/uL
RT: 3.840 min Scan# 145
Delta R.T. -0.000 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion: 79 Resp: 3187517
Ion Ratio Lower Upper
79 100
52 80.0 64.9 97.3
51 37.2 31.0 46.4

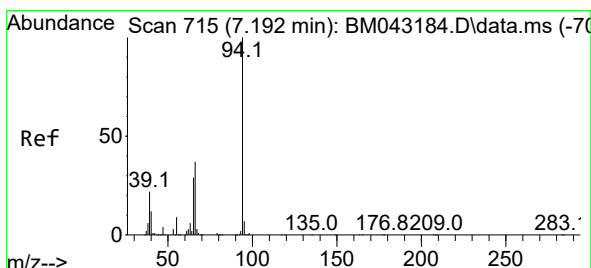
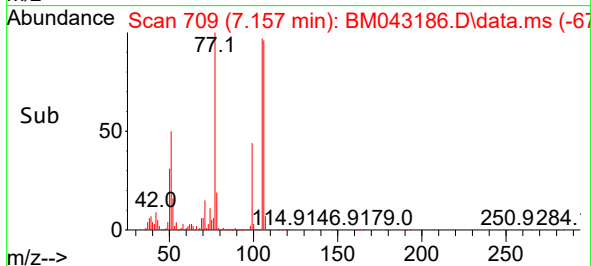
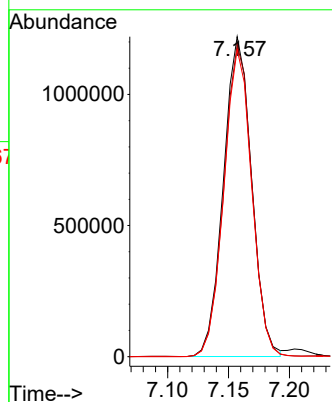
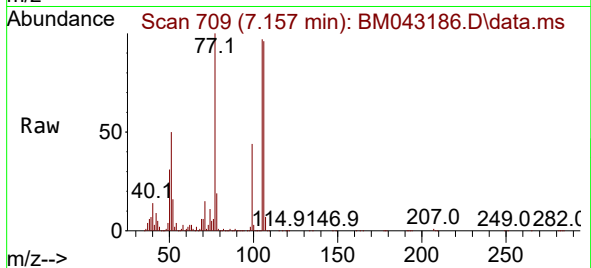




#6
Benzaldehyde
Concen: 70.742 ng/ul
RT: 7.157 min Scan# 709
Delta R.T. -0.000 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

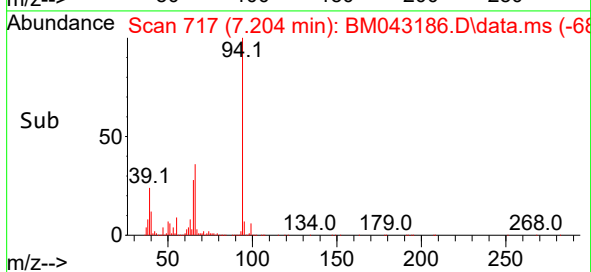
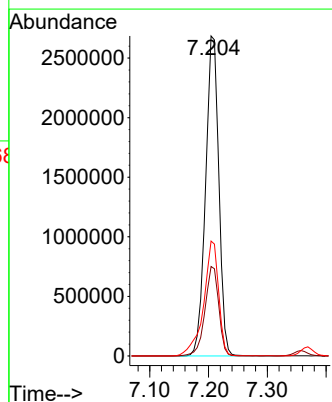
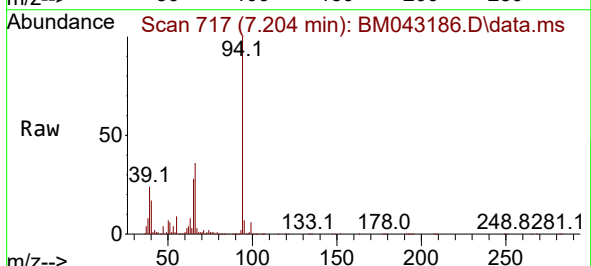
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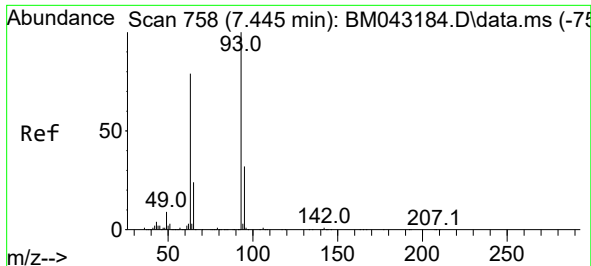
Tgt Ion: 77 Resp: 1960099
Ion Ratio Lower Upper
77 100
105 97.4 76.3 114.5
106 96.1 74.6 112.0



#8
Phenol
Concen: 86.791 ng/ul
RT: 7.204 min Scan# 717
Delta R.T. 0.012 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion: 94 Resp: 4200117
Ion Ratio Lower Upper
94 100
65 28.0 23.5 35.3
66 35.9 29.9 44.9

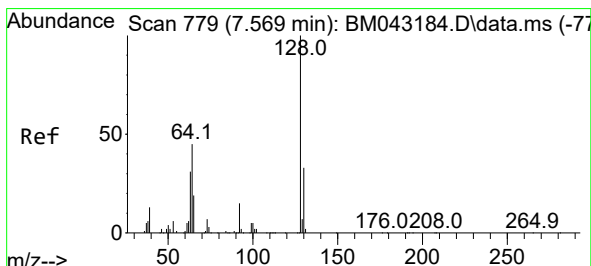
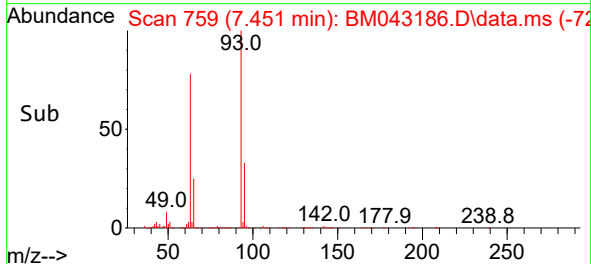
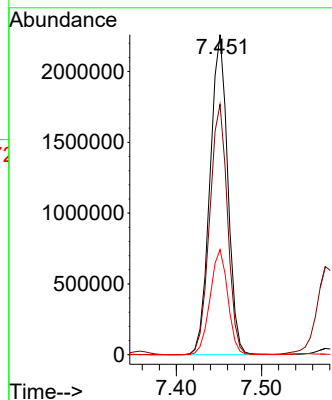
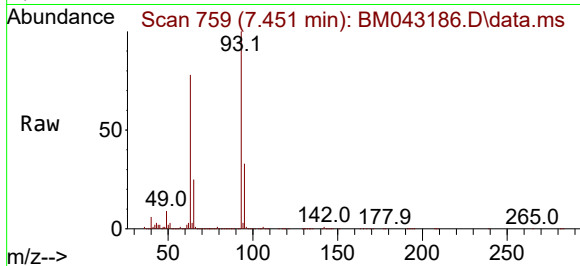




#10
Bis(2-Chloroethyl)ether
Concen: 82.986 ng/ul
RT: 7.451 min Scan# 759
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

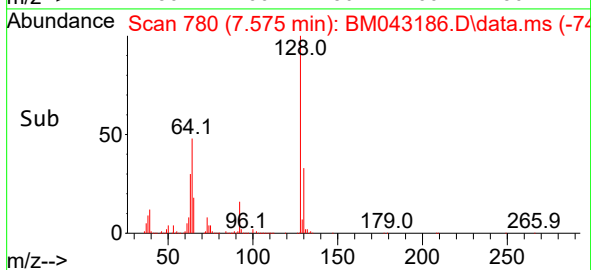
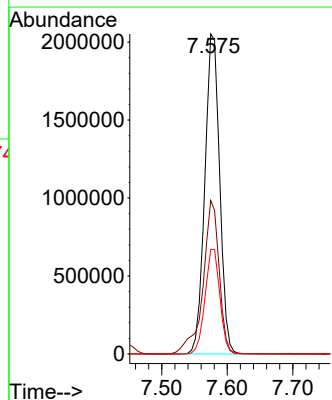
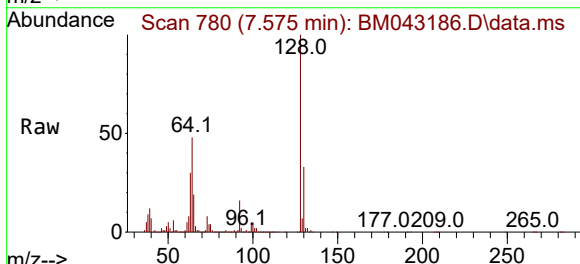
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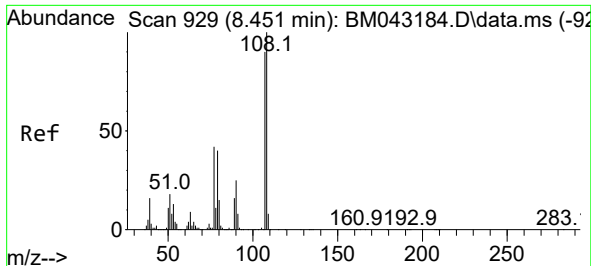
Tgt Ion: 93 Resp: 3278059
Ion Ratio Lower Upper
93 100
63 78.3 63.0 94.4
95 32.8 26.0 39.0



#12
2-Chlorophenol
Concen: 83.786 ng/ul
RT: 7.575 min Scan# 780
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:128 Resp: 3241977
Ion Ratio Lower Upper
128 100
64 47.9 38.3 57.5
130 32.7 26.6 40.0





#13

2-Methylphenol

Concen: 86.666 ng/ul

RT: 8.463 min Scan# 91

Delta R.T. 0.012 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

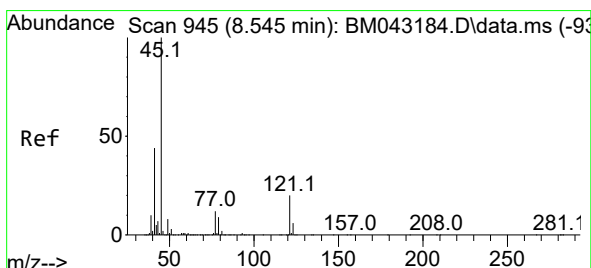
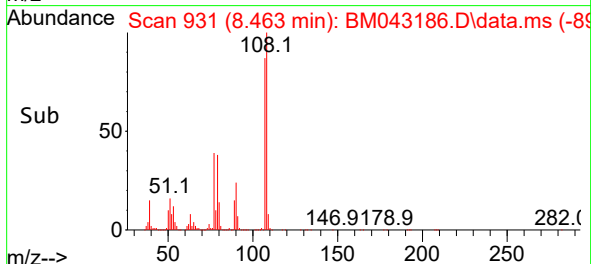
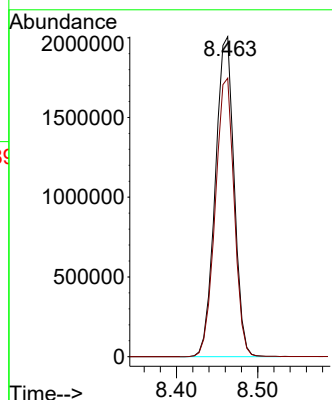
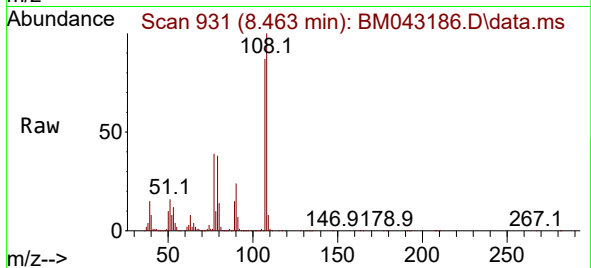
SSTD080038

Tgt Ion:108 Resp: 3244065

Ion Ratio Lower Upper

108 100

107 87.1 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 80.936 ng/ul

RT: 8.545 min Scan# 945

Delta R.T. -0.000 min

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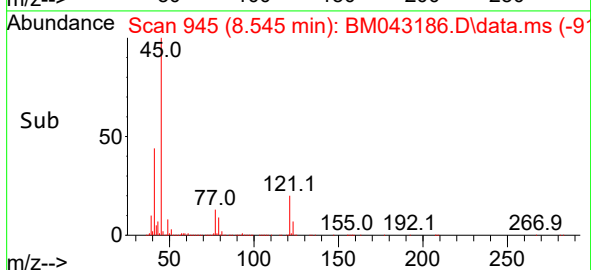
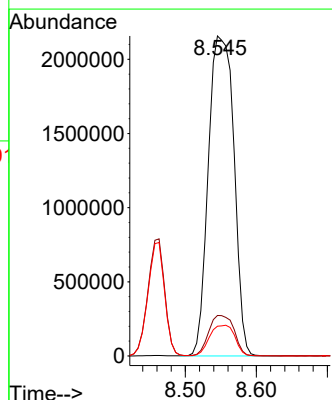
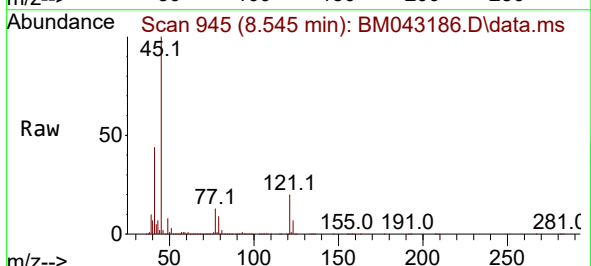
Tgt Ion: 45 Resp: 5385184

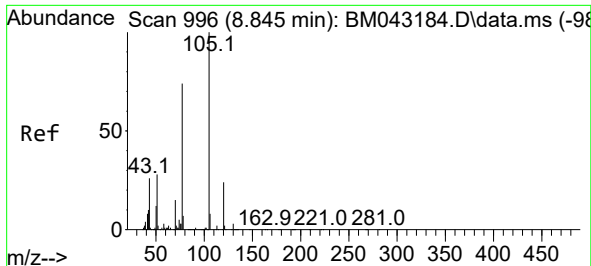
Ion Ratio Lower Upper

45 100

77 12.7 10.2 15.2

79 9.3 7.2 10.8

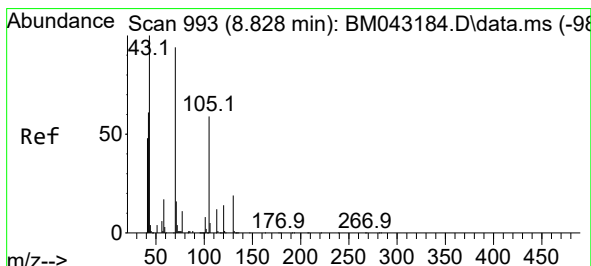
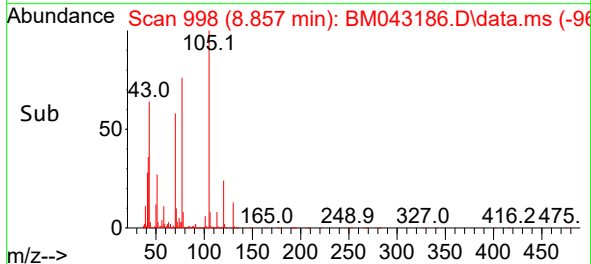
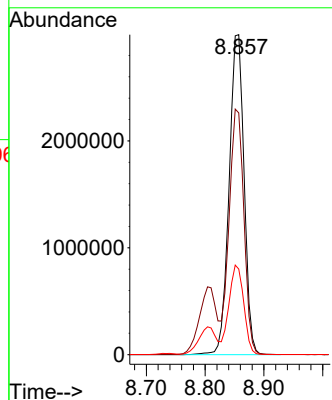
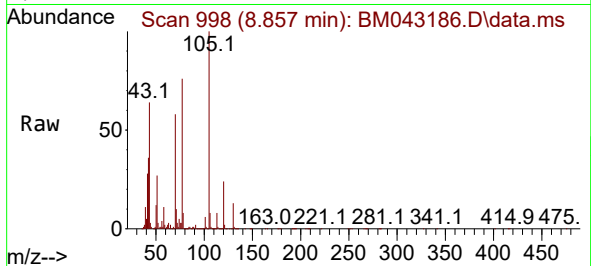




#16
Acetophenone
Concen: 83.048 ng/ul
RT: 8.857 min Scan# 998
Delta R.T. 0.012 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

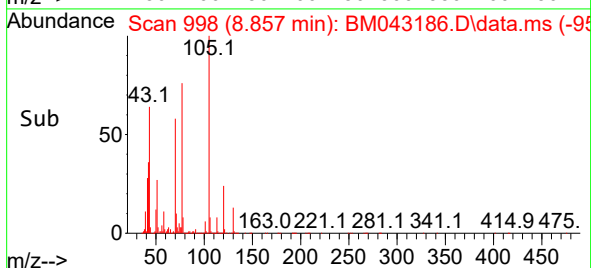
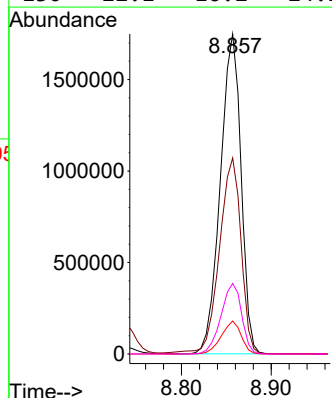
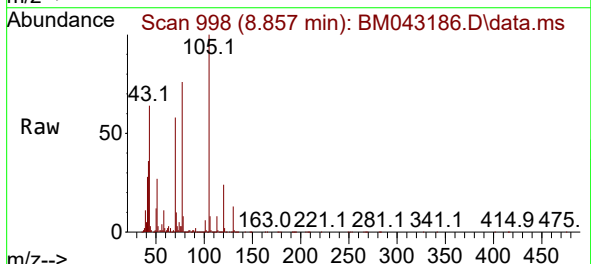
Instrument :
BNA_M
ClientSampleId :
SSTD080038

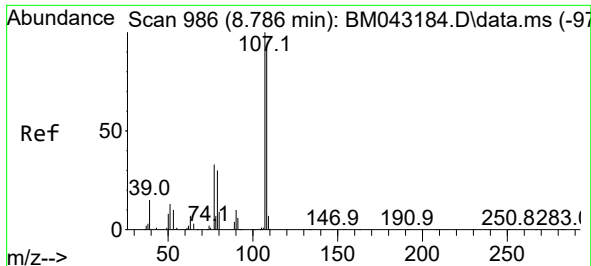
Tgt Ion:105 Resp: 5292569
Ion Ratio Lower Upper
105 100
77 75.5 62.7 94.1
51 26.8 23.8 35.8



#17
N-Nitroso-di-n-propylamine
Concen: 80.201 ng/ul
RT: 8.857 min Scan# 998
Delta R.T. 0.029 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion: 70 Resp: 2796576
Ion Ratio Lower Upper
70 100
42 61.2 52.3 78.5
101 10.3 7.0 10.6
130 22.1 16.2 24.2

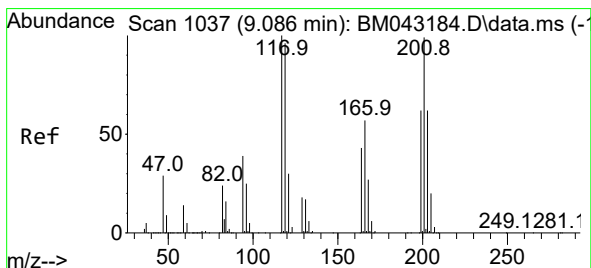
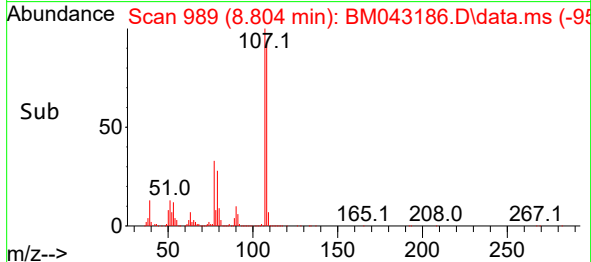
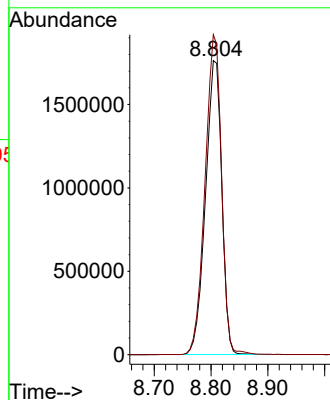
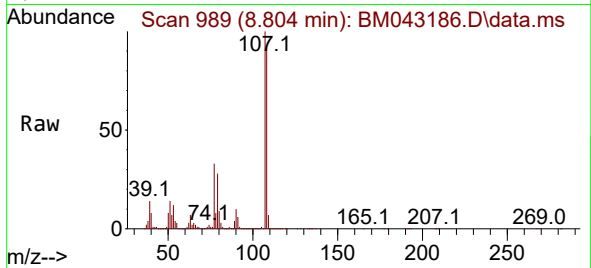




#18
4-Methylphenol
Concen: 85.492 ng/ul
RT: 8.804 min Scan# 91
Delta R.T. 0.018 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

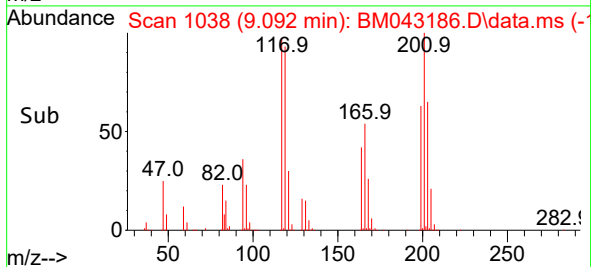
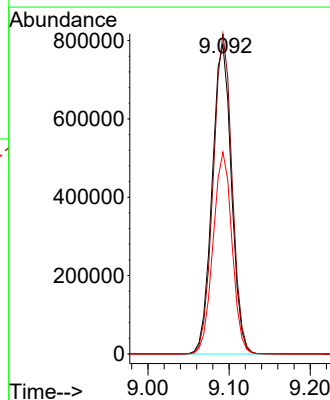
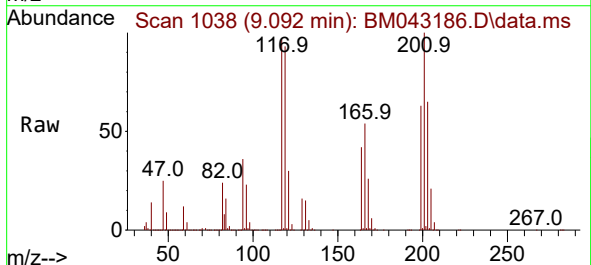
Instrument :
BNA_M
ClientSampleId :
SSTD080038

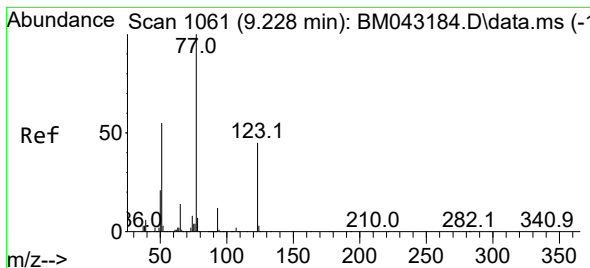
Tgt Ion:108 Resp: 3499706
Ion Ratio Lower Upper
108 100
107 108.8 86.4 129.6



#19
Hexachloroethane
Concen: 79.480 ng/ul
RT: 9.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:117 Resp: 1303564
Ion Ratio Lower Upper
117 100
201 103.4 79.2 118.8
199 65.2 49.8 74.8

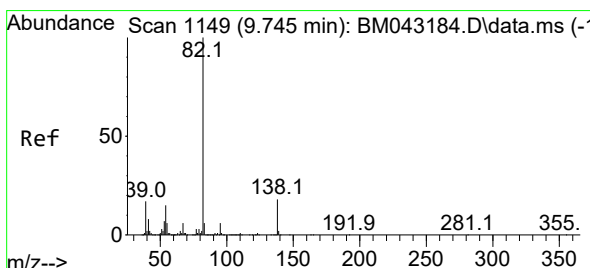
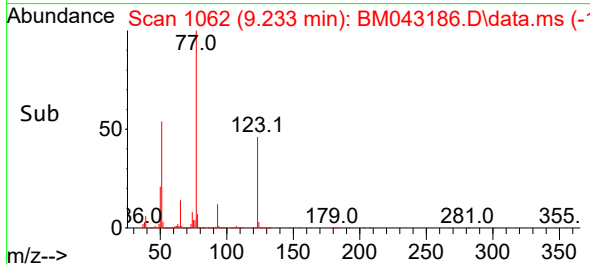
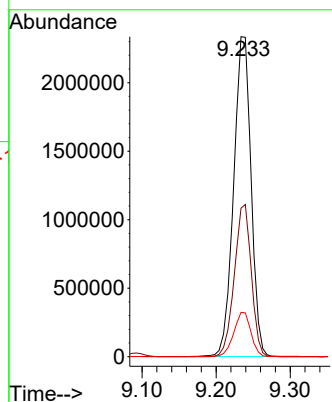
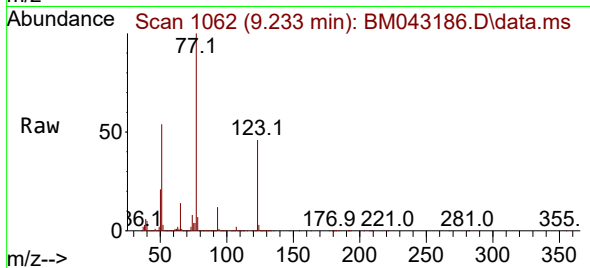




#22
Nitrobenzene
Concen: 81.476 ng/ul
RT: 9.233 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

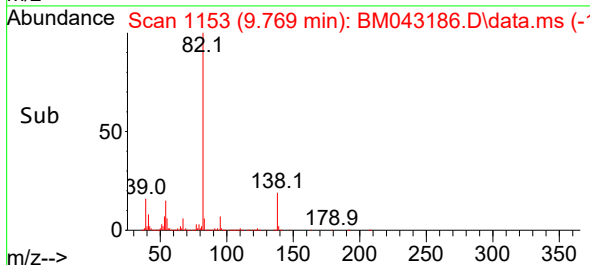
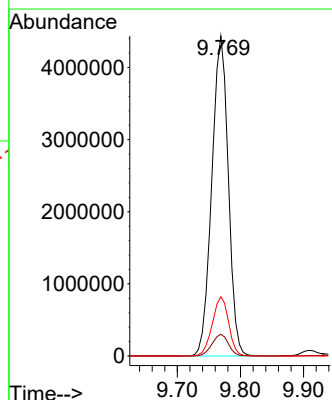
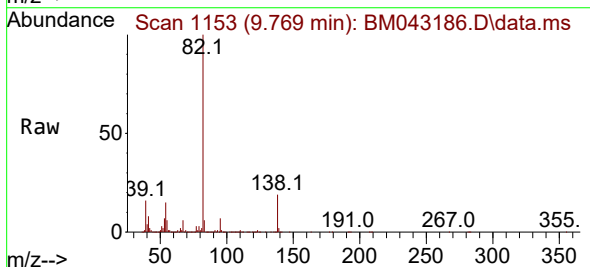
Instrument :
BNA_M
ClientSampleId :
SSTD080038

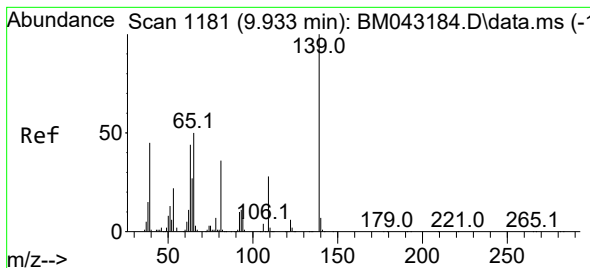
Tgt Ion: 77 Resp: 3814312
Ion Ratio Lower Upper
77 100
123 46.4 35.6 53.4
65 13.9 11.0 16.4



#23
Isophorone
Concen: 80.659 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. 0.024 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion: 82 Resp: 8046037
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.5 14.0 21.0

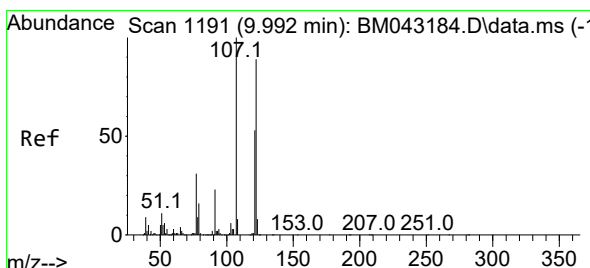
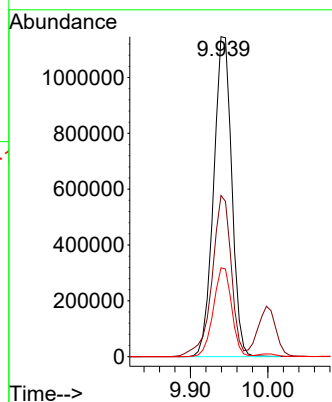
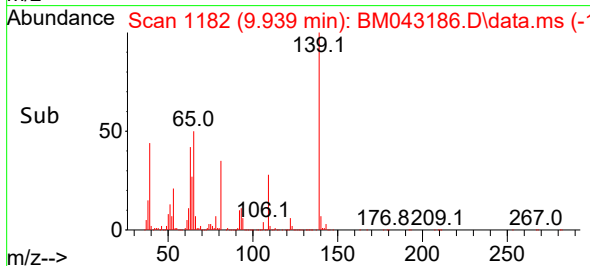
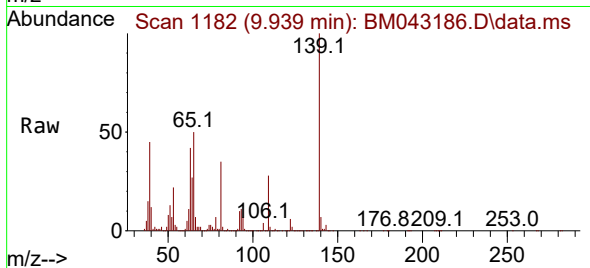




#25
2-Nitrophenol
Concen: 90.623 ng/ul
RT: 9.939 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

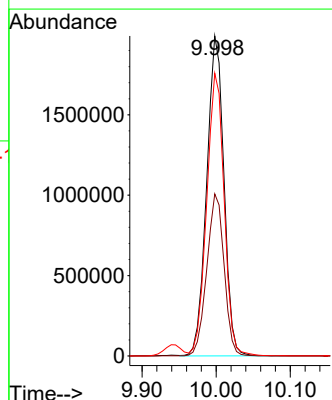
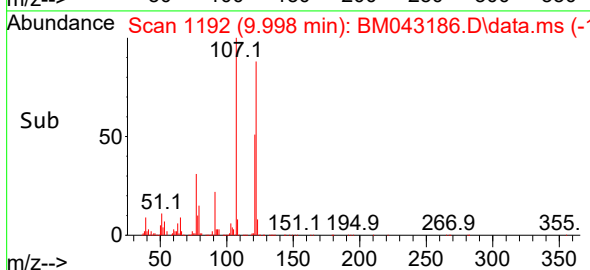
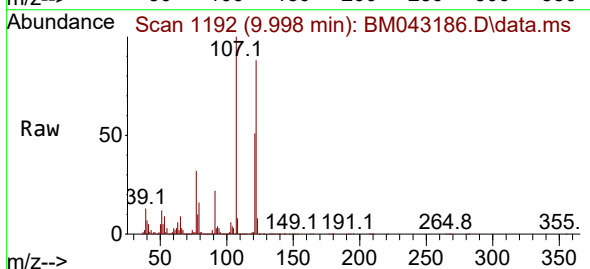
Instrument :
BNA_M
ClientSampleId :
SSTD080038

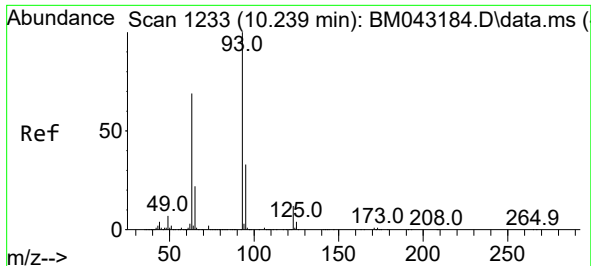
Tgt Ion:139 Resp: 1864823
Ion Ratio Lower Upper
139 100
65 50.3 40.6 60.8
109 27.7 22.6 33.8



#26
2,4-Dimethylphenol
Concen: 79.668 ng/ul
RT: 9.998 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:107 Resp: 3214271
Ion Ratio Lower Upper
107 100
121 50.6 42.2 63.2
122 88.3 72.0 108.0





#27

Bis(2-Chloroethoxy)methane

Concen: 79.388 ng/ul

RT: 10.251 min Scan# 1235

Delta R.T. 0.012 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

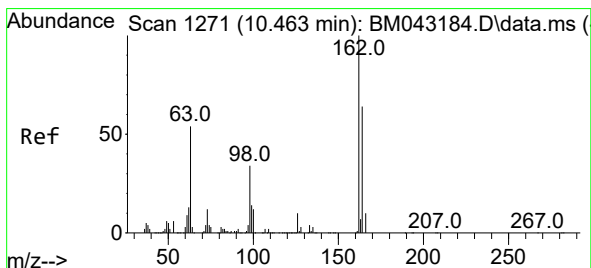
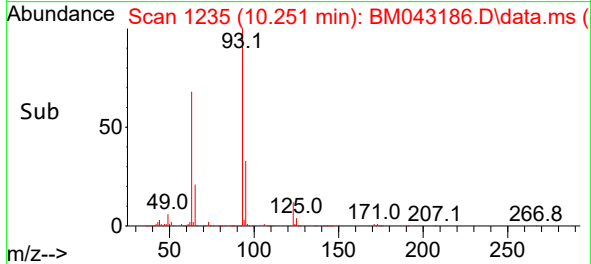
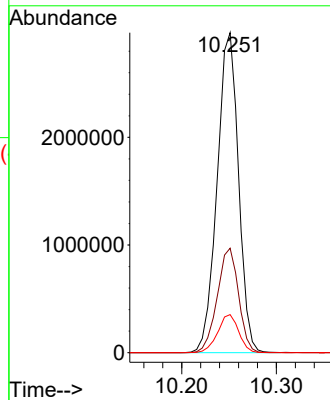
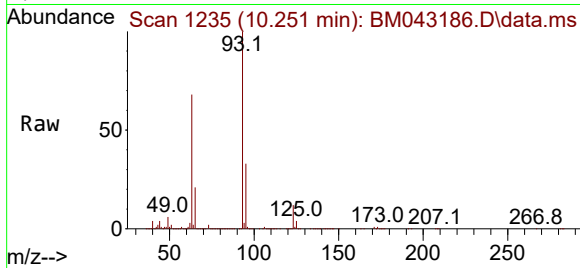
BNA_M

ClientSampleId :

SSTD080038

Tgt Ion: 93 Resp: 4656095

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.9	9.2	13.8



#29

2,4-Dichlorophenol

Concen: 84.999 ng/ul

RT: 10.475 min Scan# 1273

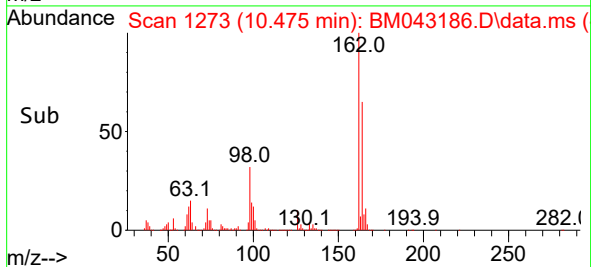
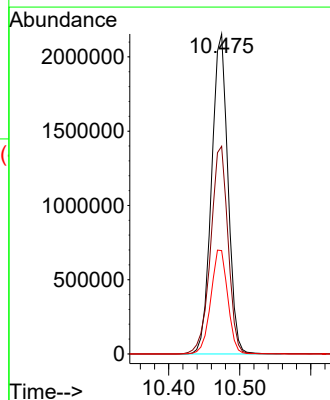
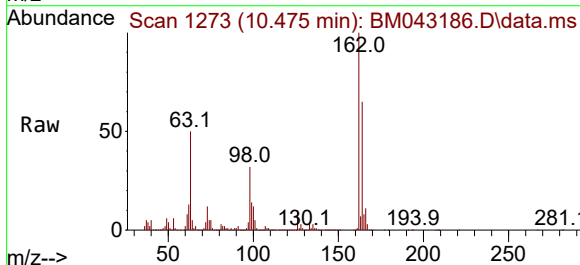
Delta R.T. 0.012 min

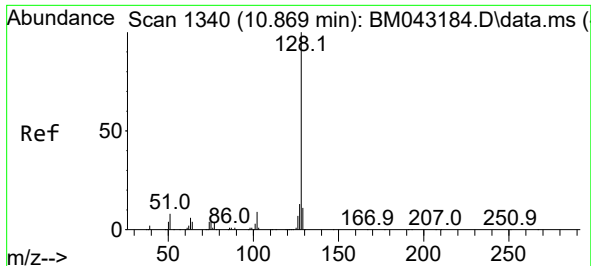
Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Tgt Ion:162 Resp: 3452550

Ion	Ratio	Lower	Upper
162	100		
164	64.9	51.4	77.0
98	32.3	26.9	40.3

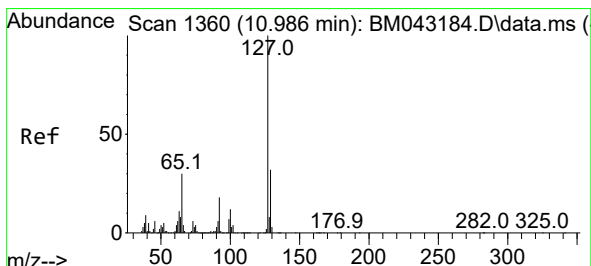
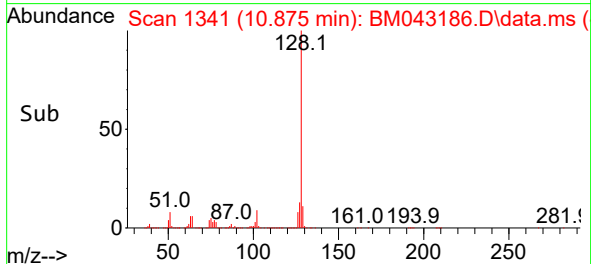
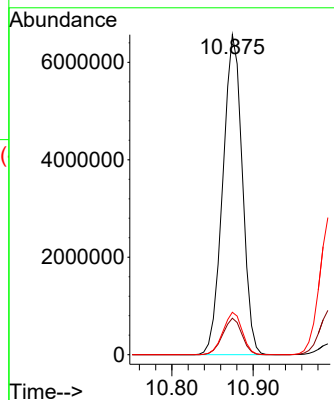
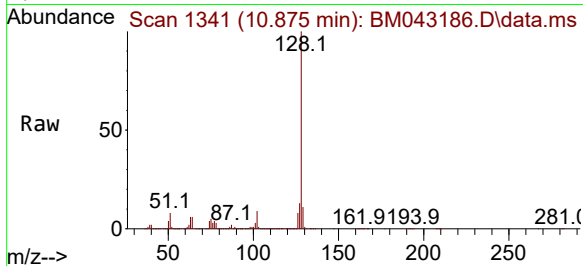




#30
Naphthalene
Concen: 78.128 ng/ul
RT: 10.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

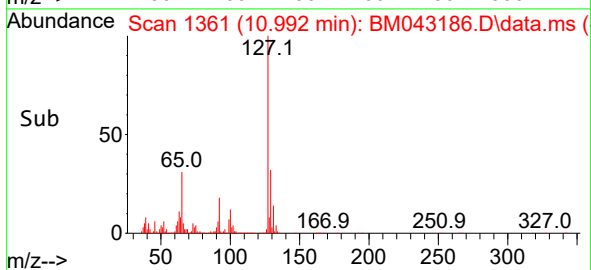
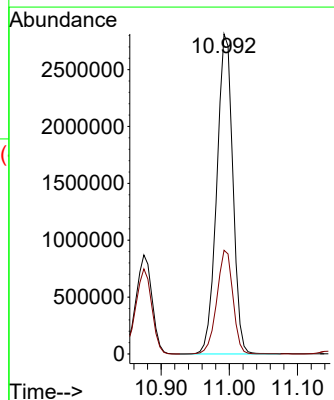
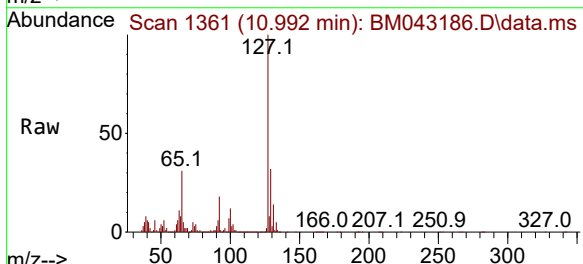
Instrument :
BNA_M
ClientSampleId :
SSTD080038

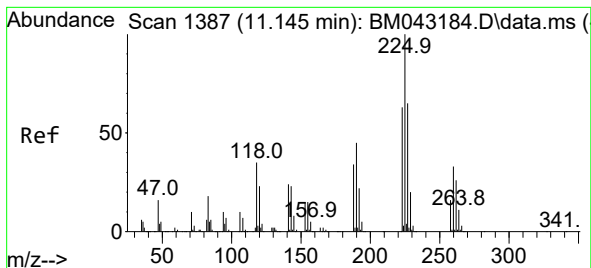
Tgt Ion:128 Resp:10954829
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 80.877 ng/ul
RT: 10.992 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:127 Resp: 4599791
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0





#33

Hexachlorobutadiene

Concen: 80.069 ng/ul

RT: 11.145 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

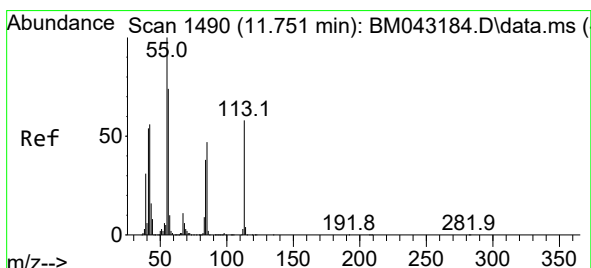
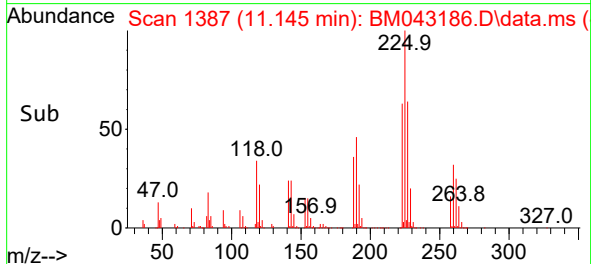
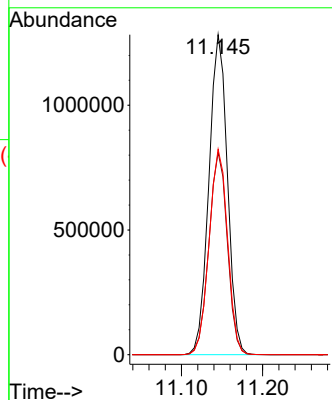
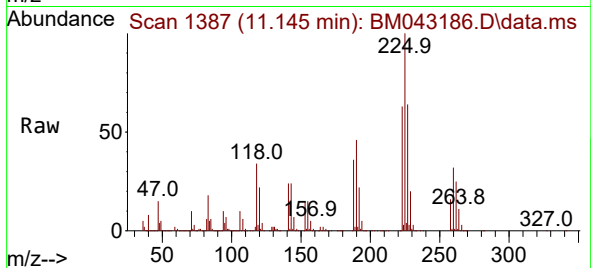
Tgt Ion:225 Resp: 2026511

Ion Ratio Lower Upper

225 100

223 63.2 50.2 75.4

227 64.2 52.0 78.0



#34

Caprolactam

Concen: 43.900 ng/ul

RT: 11.798 min Scan# 1498

Delta R.T. 0.047 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

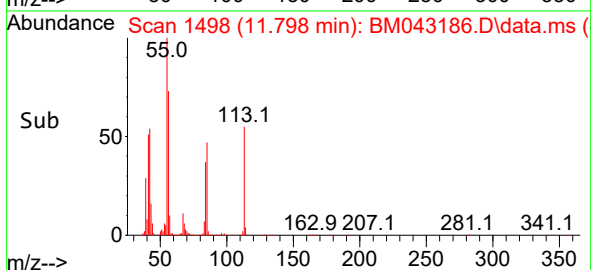
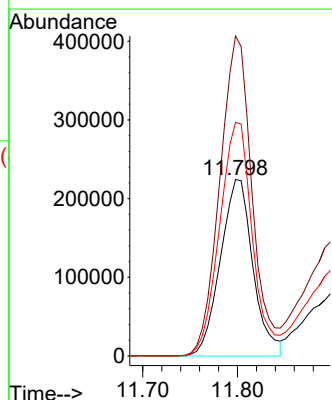
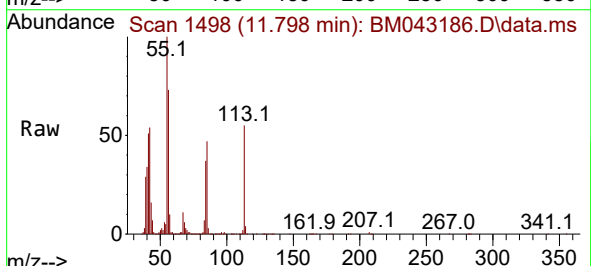
Tgt Ion:113 Resp: 536430

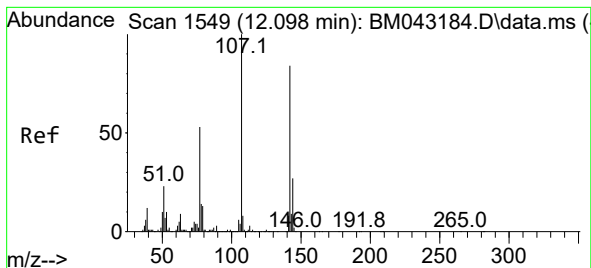
Ion Ratio Lower Upper

113 100

55 181.4 139.5 209.3

56 132.4 103.5 155.3

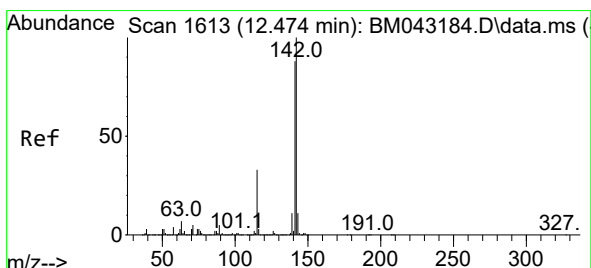
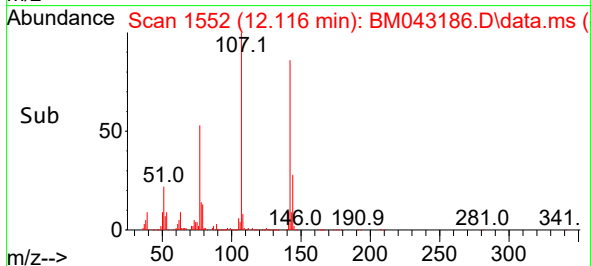
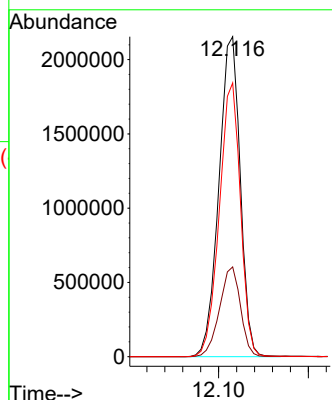
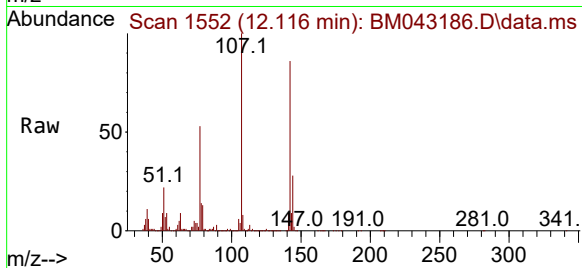




#35
4-Chloro-3-methylphenol
Concen: 83.311 ng/ul
RT: 12.116 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

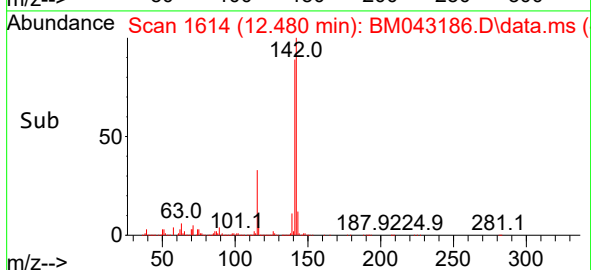
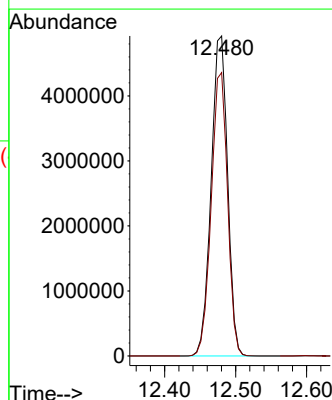
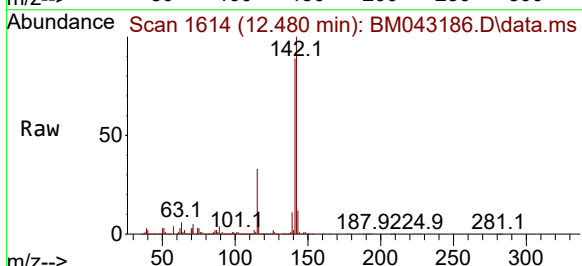
Instrument :
BNA_M
ClientSampleId :
SSTD080038

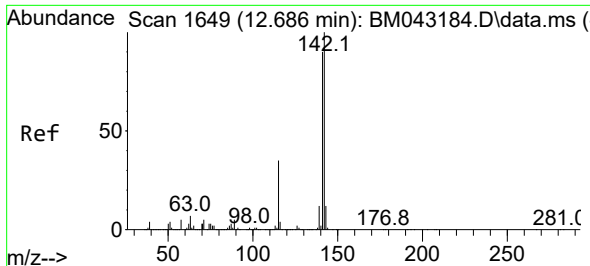
Tgt Ion:107 Resp: 3553340
Ion Ratio Lower Upper
107 100
144 28.0 22.0 33.0
142 85.5 67.3 100.9



#36
2-Methylnaphthalene
Concen: 78.364 ng/ul
RT: 12.480 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:142 Resp: 7905283
Ion Ratio Lower Upper
142 100
141 88.6 70.0 105.0

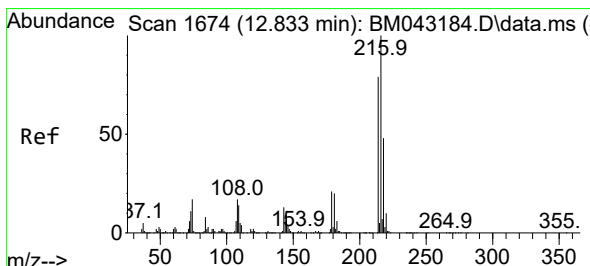
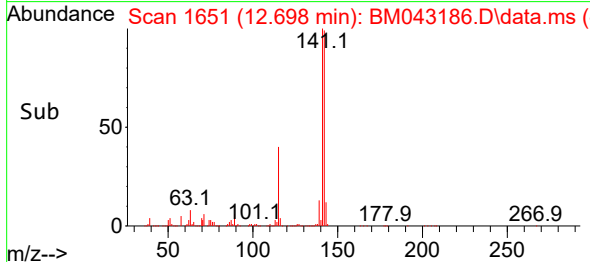
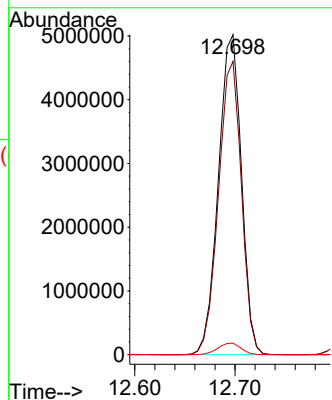
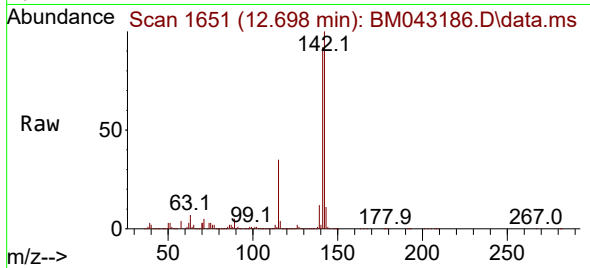




#37
1-Methylnaphthalene
Concen: 78.122 ng/ul
RT: 12.698 min Scan# 1651
Delta R.T. 0.012 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

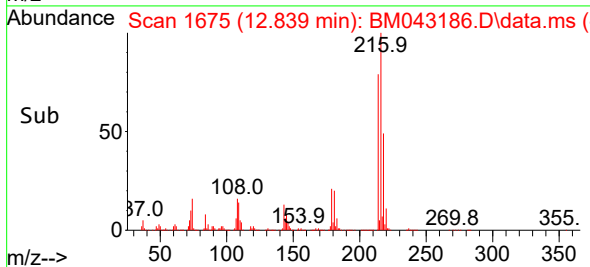
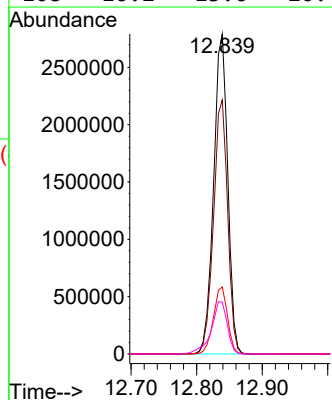
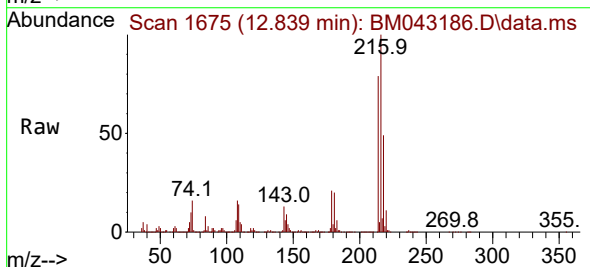
Instrument :
BNA_M
ClientSampleId :
SSTD080038

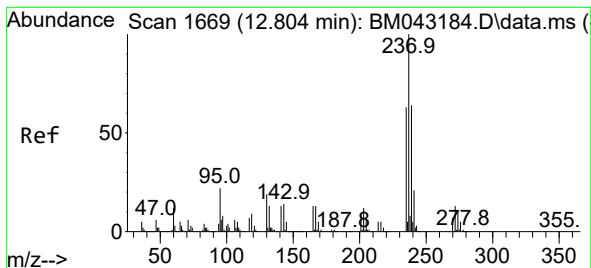
Tgt Ion:142 Resp: 7999267
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9
116 3.6 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 83.239 ng/ul
RT: 12.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:216 Resp: 4162826
Ion Ratio Lower Upper
216 100
214 79.4 63.1 94.7
179 20.9 16.4 24.6
108 16.2 13.6 20.4





#40

Hexachlorocyclopentadiene

Concen: 84.531 ng/ul

RT: 12.810 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

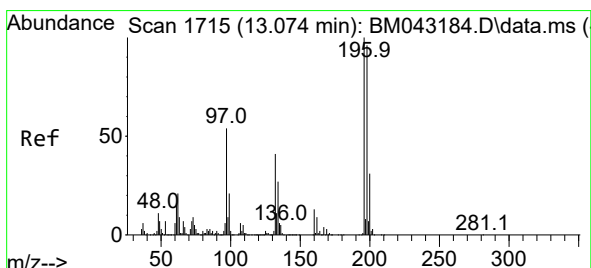
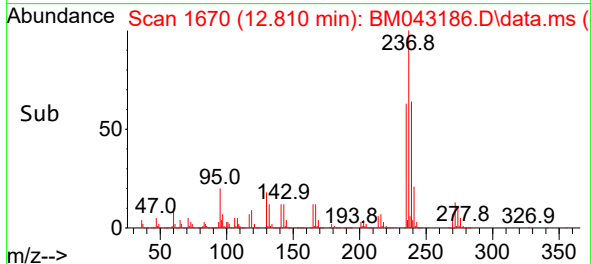
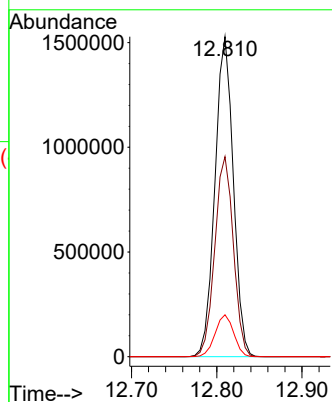
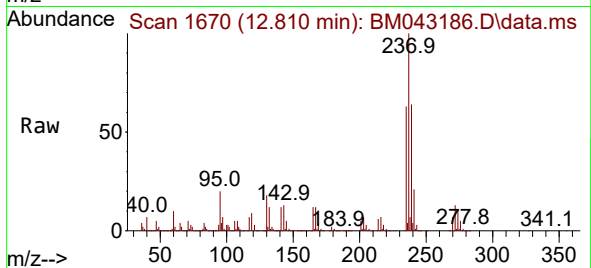
Tgt Ion:237 Resp: 2287659

Ion Ratio Lower Upper

237 100

235 62.5 50.5 75.7

272 13.1 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 88.843 ng/ul

RT: 13.080 min Scan# 1716

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

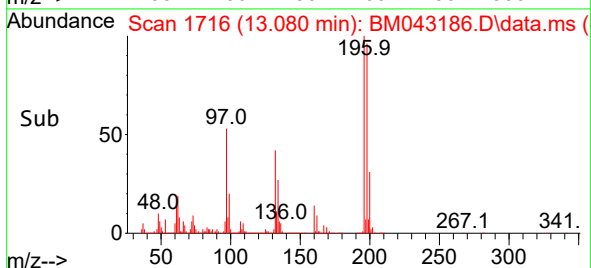
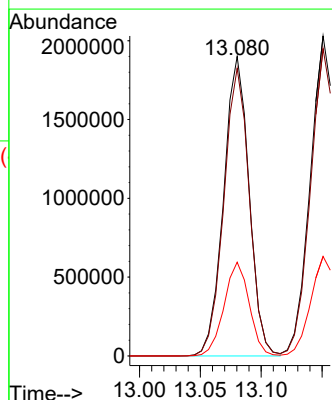
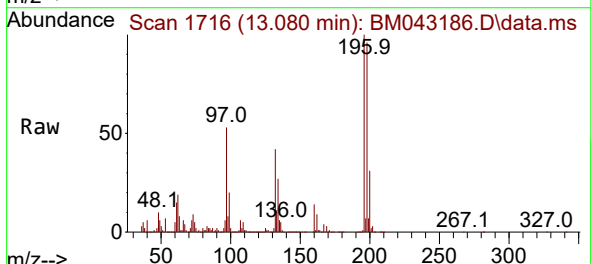
Tgt Ion:196 Resp: 2764752

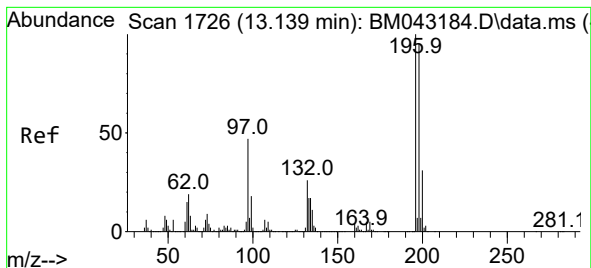
Ion Ratio Lower Upper

196 100

198 96.0 77.0 115.4

200 31.3 25.0 37.4

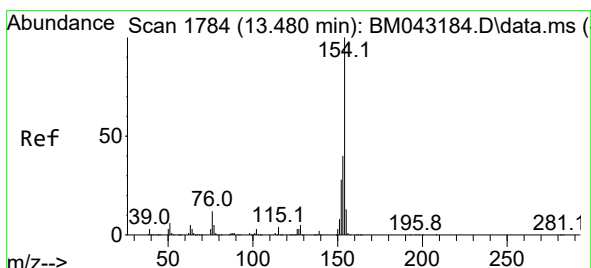
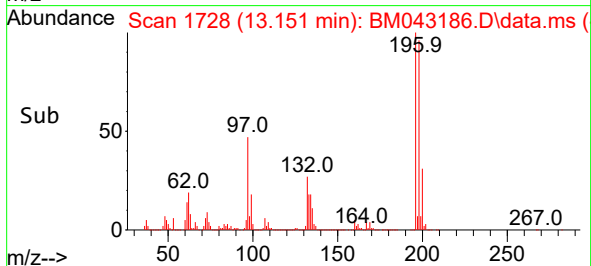
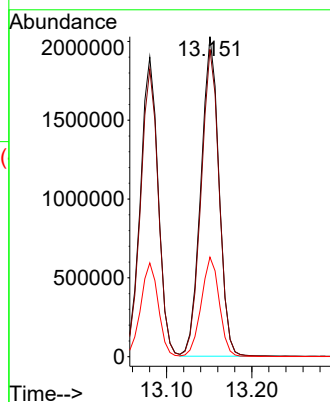
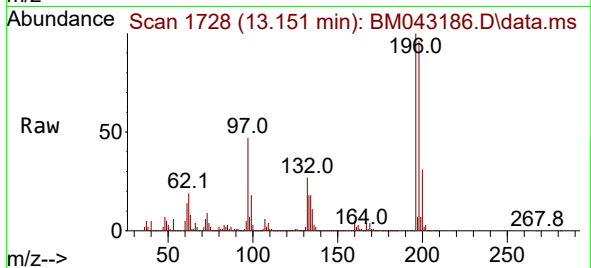




#42
2,4,5-Trichlorophenol
Concen: 88.018 ng/ul
RT: 13.151 min Scan# 1728
Delta R.T. 0.012 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

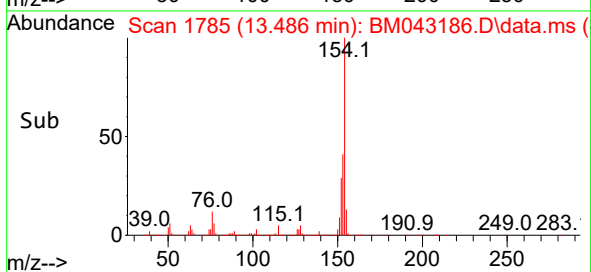
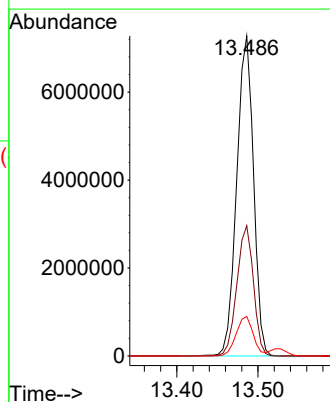
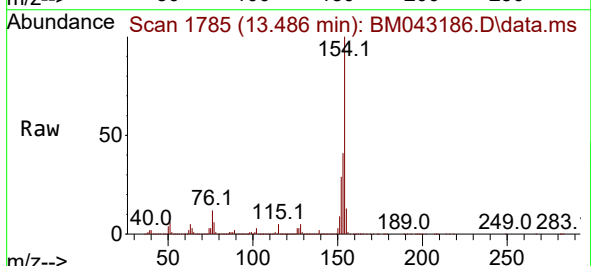
Instrument :
BNA_M
ClientSampleId :
SSTD080038

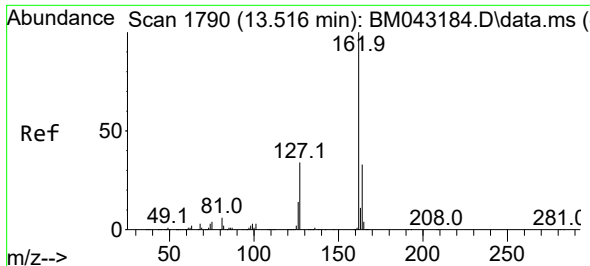
Tgt Ion:196 Resp: 2981174
Ion Ratio Lower Upper
196 100
198 96.1 76.1 114.1
200 31.1 24.6 36.8



#43
1,1'-Biphenyl
Concen: 79.784 ng/ul
RT: 13.486 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:154 Resp:10432797
Ion Ratio Lower Upper
154 100
153 40.7 31.8 47.6
76 12.3 9.3 13.9

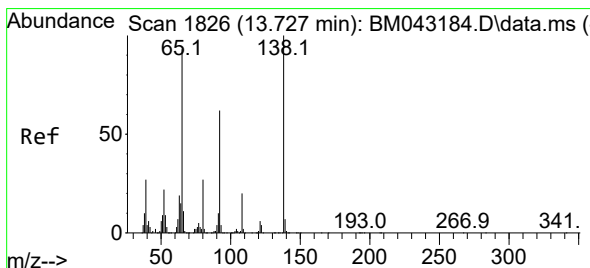
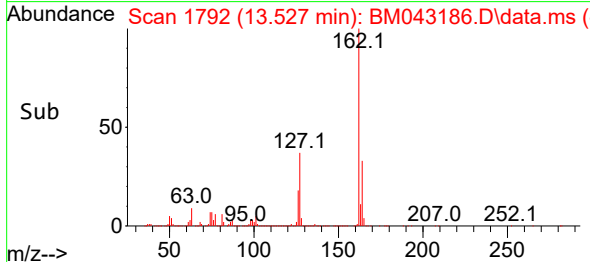
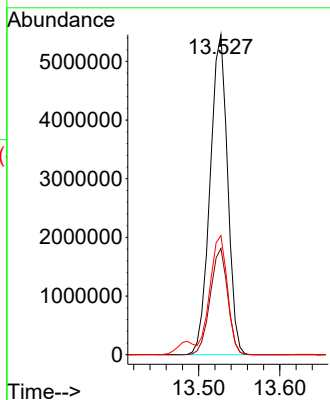
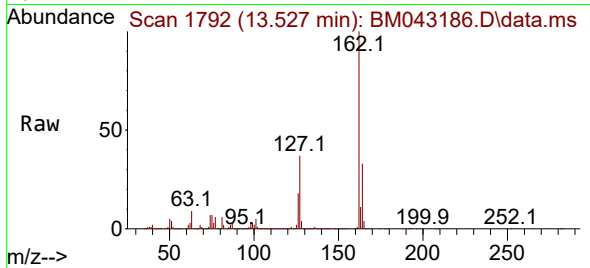




#44
2-Chloronaphthalene
Concen: 80.529 ng/ul
RT: 13.527 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

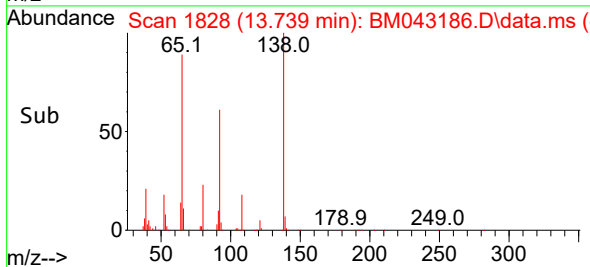
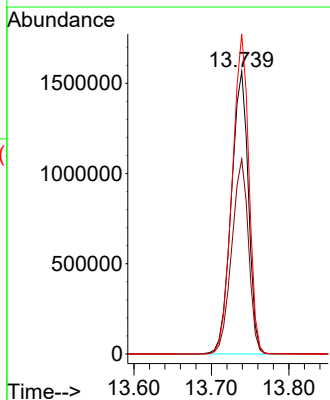
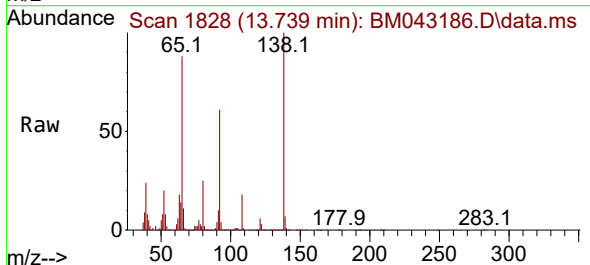
Instrument :
BNA_M
ClientSampleId :
SSTD080038

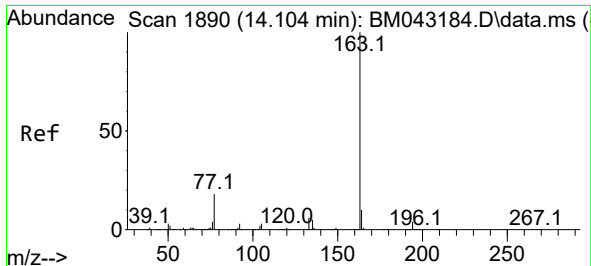
Tgt Ion:162 Resp: 8162576
Ion Ratio Lower Upper
162 100
164 33.2 26.4 39.6
127 37.2 30.0 45.0



#45
2-Nitroaniline
Concen: 89.547 ng/ul
RT: 13.739 min Scan# 1828
Delta R.T. 0.012 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion: 65 Resp: 2398541
Ion Ratio Lower Upper
65 100
92 69.0 53.4 80.0
138 113.3 86.2 129.2

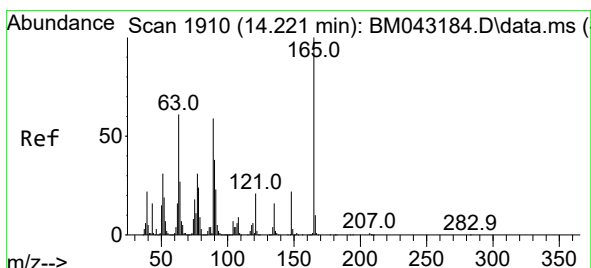
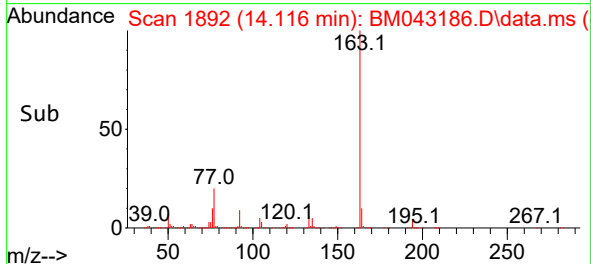
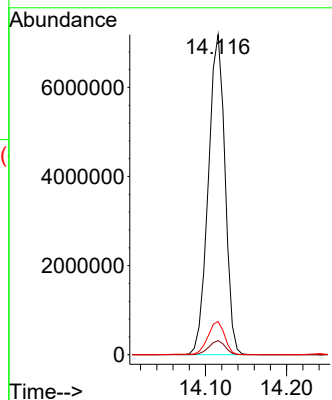
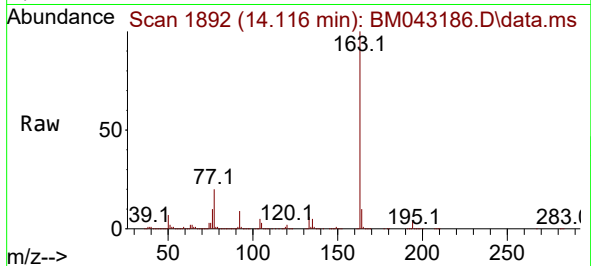




#47
Dimethylphthalate
Concen: 80.527 ng/ul
RT: 14.116 min Scan# 1892
Delta R.T. 0.012 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

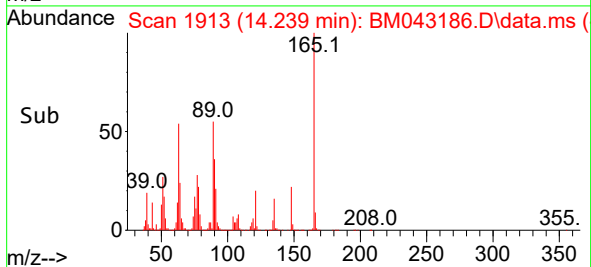
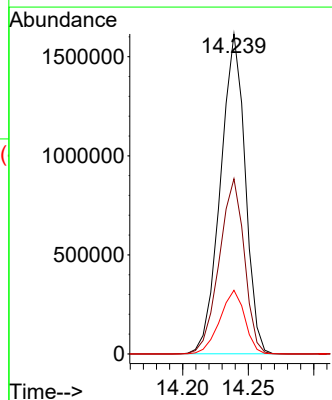
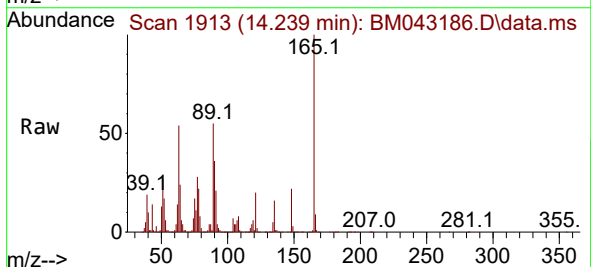
Instrument :
BNA_M
ClientSampleId :
SSTD080038

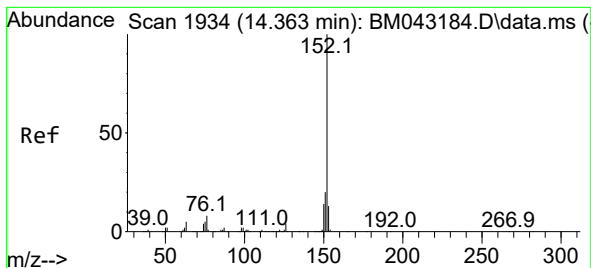
Tgt Ion:163 Resp:10234100
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.3 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 90.277 ng/ul
RT: 14.239 min Scan# 1913
Delta R.T. 0.018 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:165 Resp: 2113839
Ion Ratio Lower Upper
165 100
89 54.8 47.5 71.3
121 19.9 17.1 25.7





#50

Acenaphthylene

Concen: 77.371 ng/ul

RT: 14.368 min Scan# 1934

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

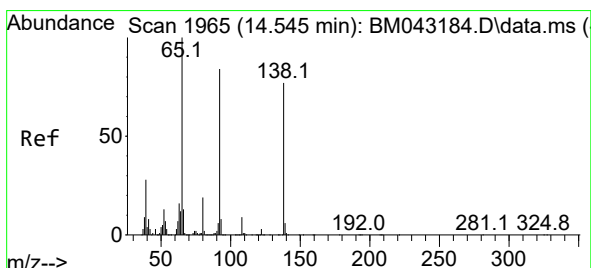
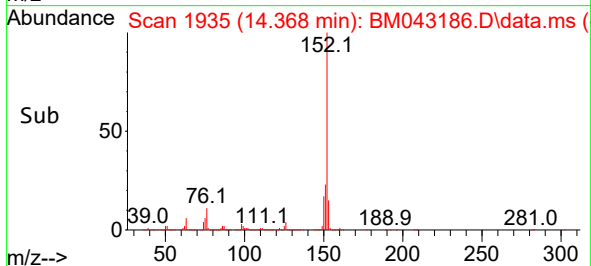
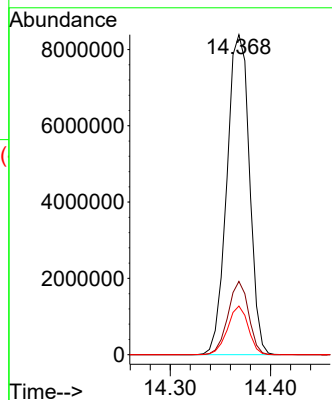
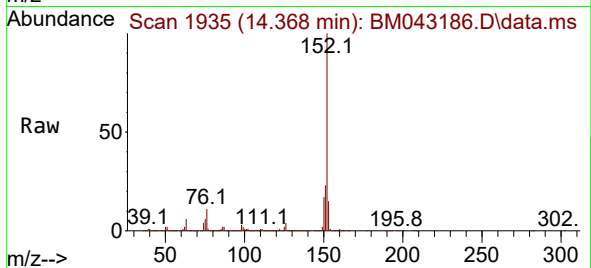
Tgt Ion:152 Resp:13109000

Ion Ratio Lower Upper

152 100

151 22.9 16.0 24.0

153 15.2 10.3 15.5



#51

3-Nitroaniline

Concen: 85.690 ng/ul

RT: 14.563 min Scan# 1968

Delta R.T. 0.018 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

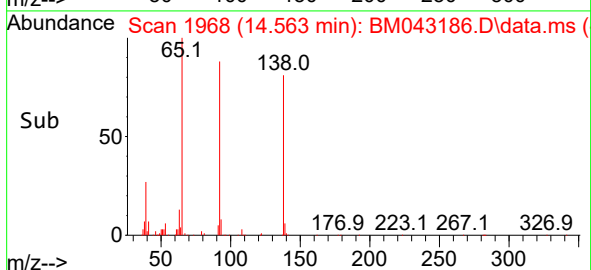
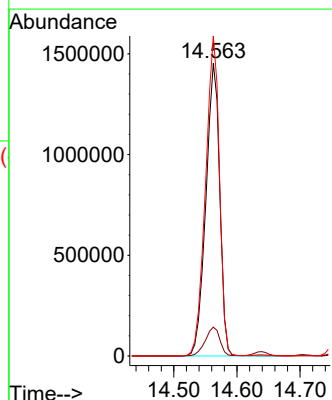
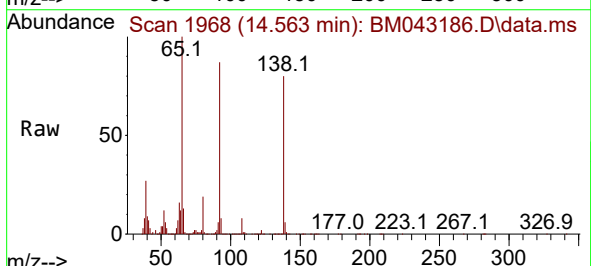
Tgt Ion:138 Resp: 2209072

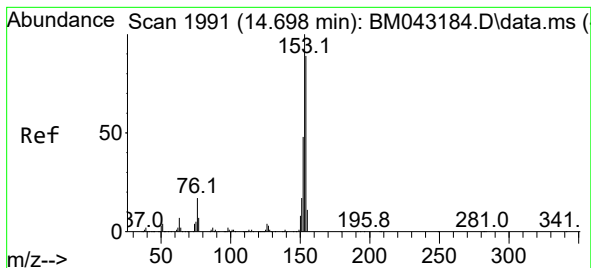
Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

92 109.2 87.9 131.9





#52

Acenaphthene

Concen: 79.716 ng/ul

RT: 14.704 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

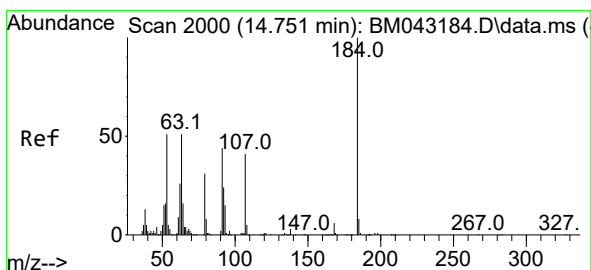
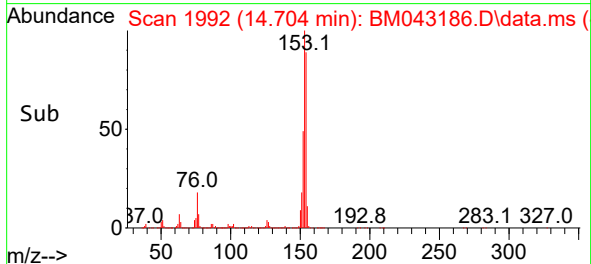
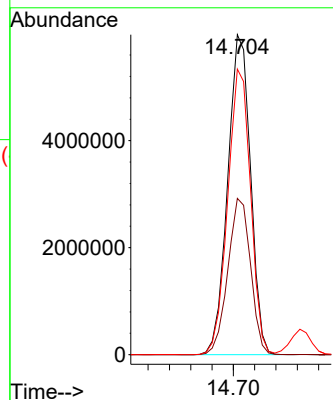
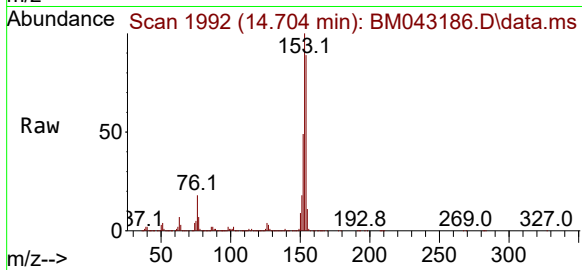
Tgt Ion:153 Resp: 8908959

Ion Ratio Lower Upper

153 100

152 48.8 38.6 58.0

154 89.3 71.6 107.4



#53

2,4-Dinitrophenol

Concen: 112.397 ng/ul

RT: 14.763 min Scan# 2002

Delta R.T. 0.012 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

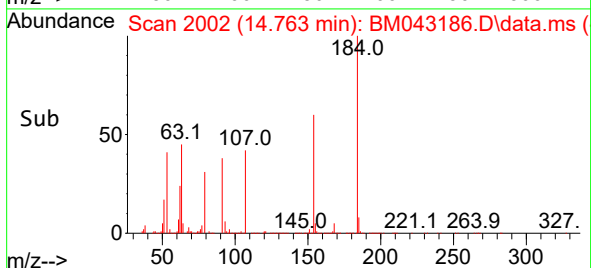
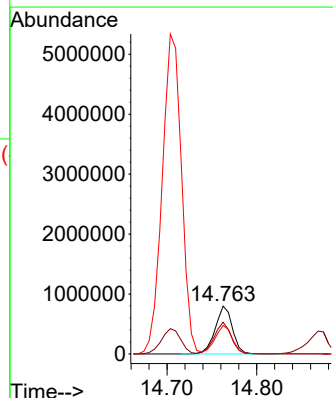
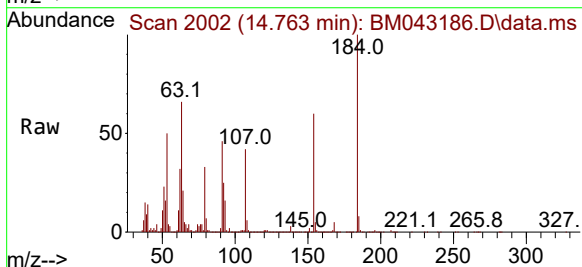
Tgt Ion:184 Resp: 1063197

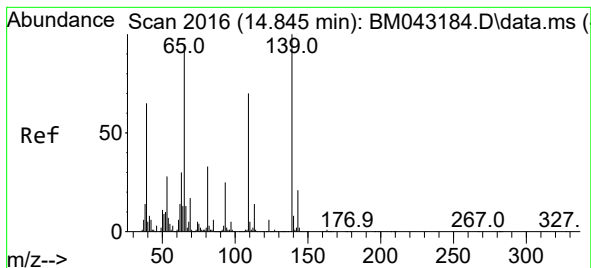
Ion Ratio Lower Upper

184 100

63 66.2 52.2 78.4

154 59.6 47.8 71.8

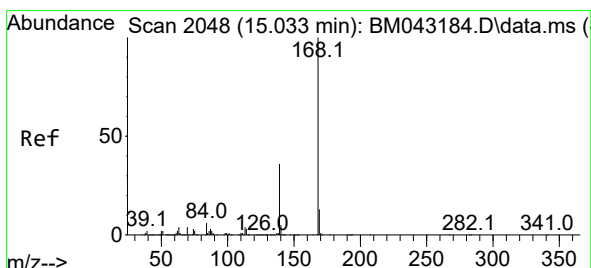
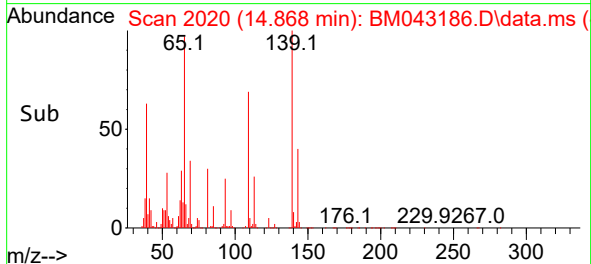
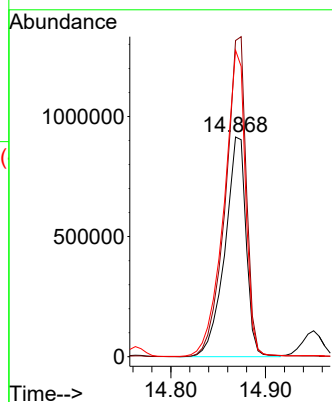
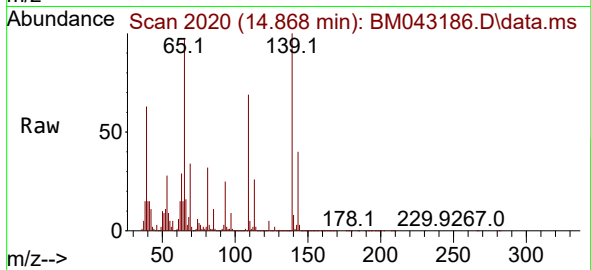




#55
4-Nitrophenol
Concen: 85.428 ng/ul
RT: 14.868 min Scan# 2016
Delta R.T. 0.023 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

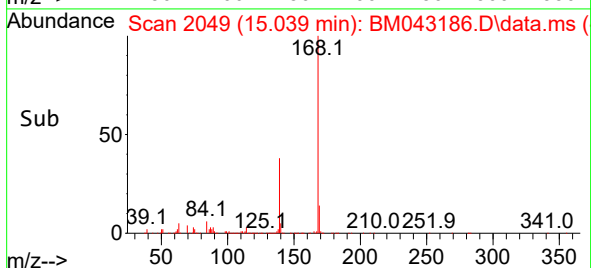
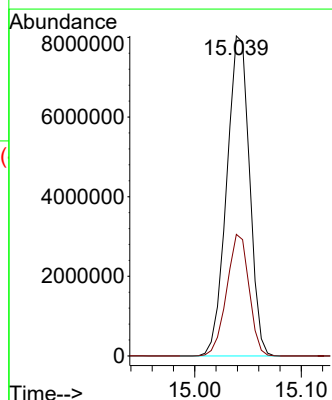
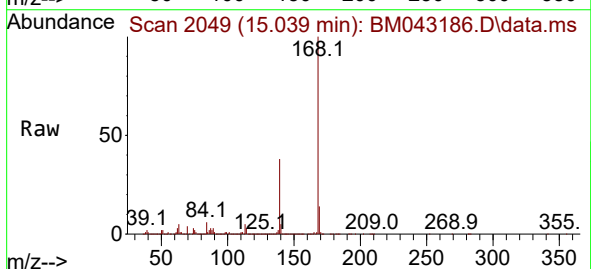
Instrument :
BNA_M
ClientSampleId :
SSTD080038

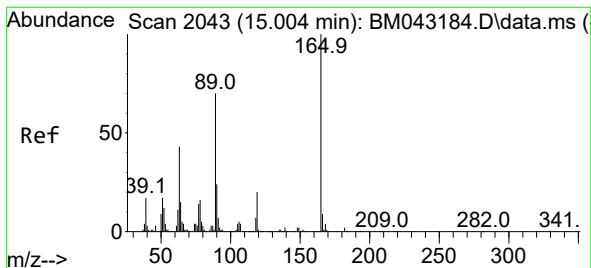
Tgt Ion:109 Resp: 1419193
Ion Ratio Lower Upper
109 100
139 143.9 114.7 172.1
65 139.5 109.5 164.3



#56
Dibenzofuran
Concen: 78.318 ng/ul
RT: 15.039 min Scan# 2049
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:168 Resp:11956215
Ion Ratio Lower Upper
168 100
139 38.0 28.6 43.0





#57

2,4-Dinitrotoluene

Concen: 90.295 ng/ul

RT: 15.015 min Scan# 2045

Delta R.T. 0.012 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

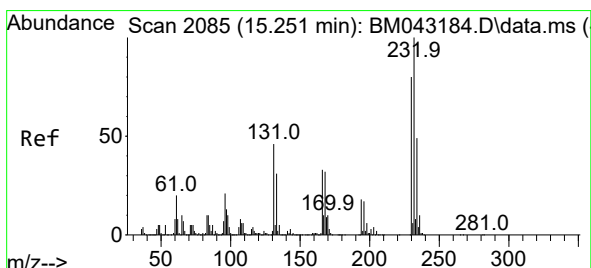
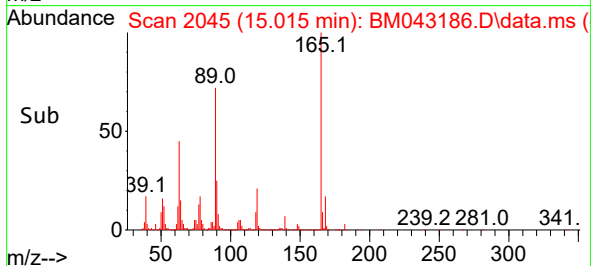
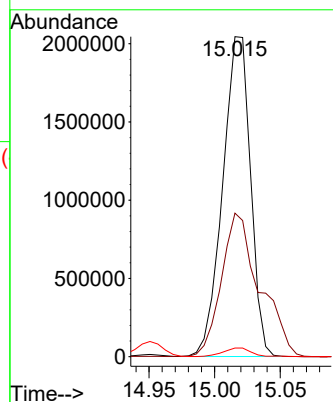
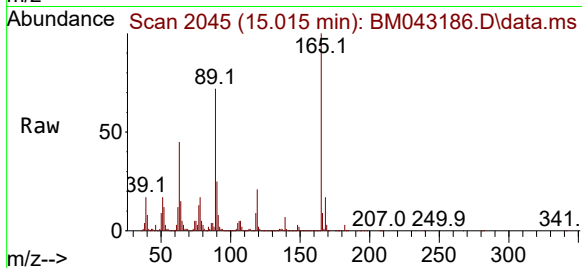
Tgt Ion:165 Resp: 3018766

Ion Ratio Lower Upper

165 100

63 44.8 34.6 52.0

182 2.7 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 88.256 ng/ul

RT: 15.262 min Scan# 2087

Delta R.T. 0.012 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Tgt Ion:232 Resp: 2484673

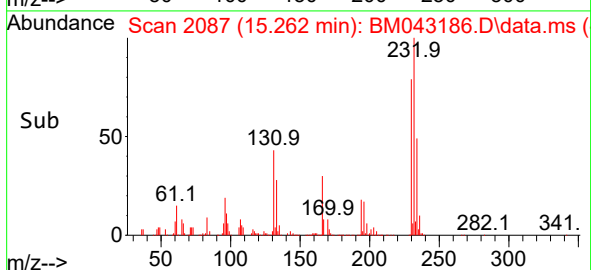
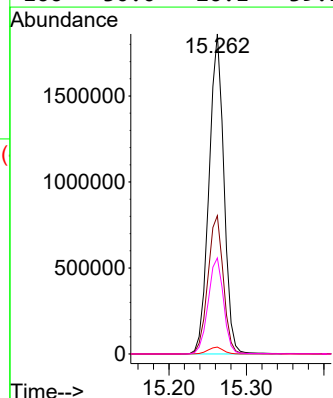
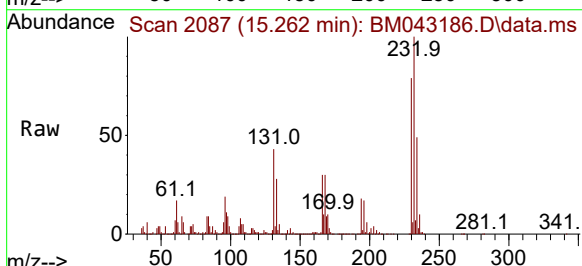
Ion Ratio Lower Upper

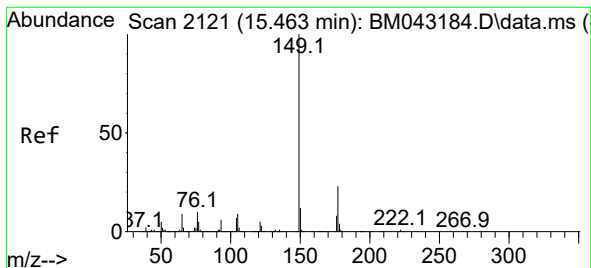
232 100

131 43.2 37.0 55.4

130 2.2 1.9 2.9

166 30.0 26.1 39.1





#59

Diethylphthalate

Concen: 81.596 ng/ul

RT: 15.474 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

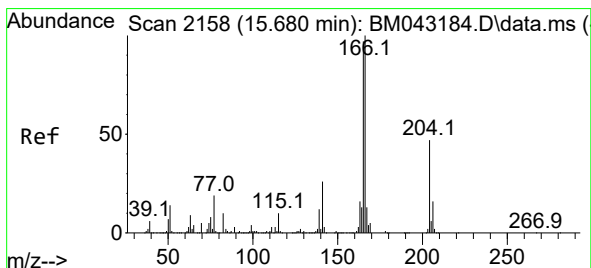
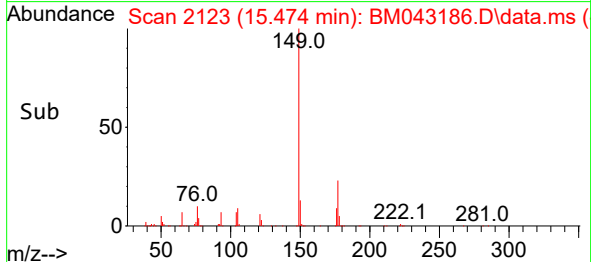
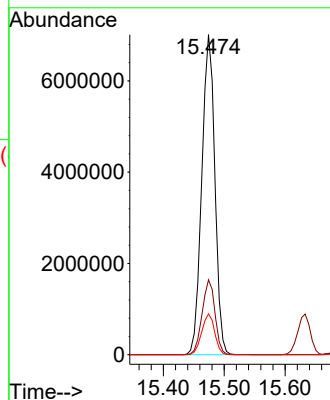
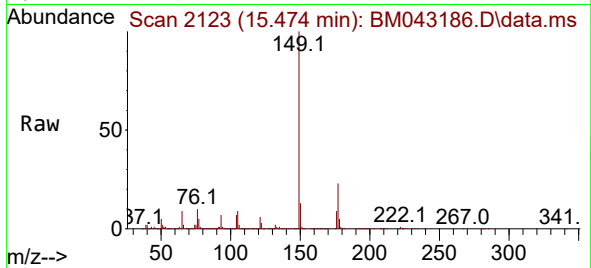
Tgt Ion:149 Resp:10430714

Ion Ratio Lower Upper

149 100

177 23.4 18.2 27.2

150 12.7 10.0 15.0



#61

Fluorene

Concen: 76.964 ng/ul

RT: 15.692 min Scan# 2160

Delta R.T. 0.012 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

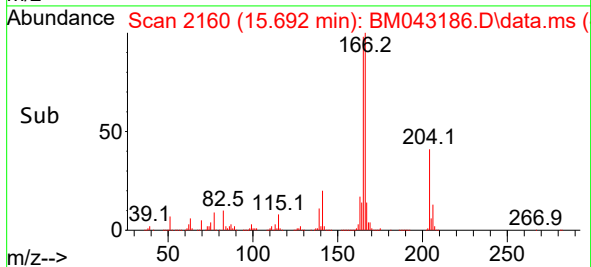
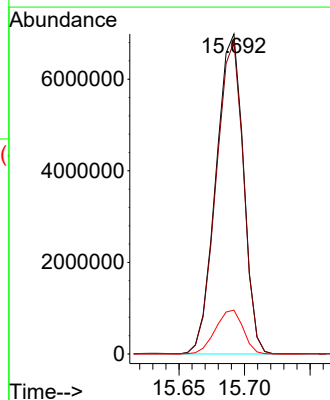
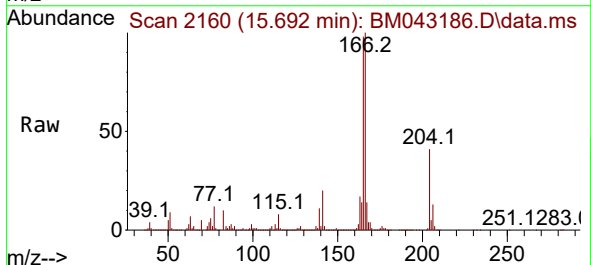
Tgt Ion:166 Resp:10170901

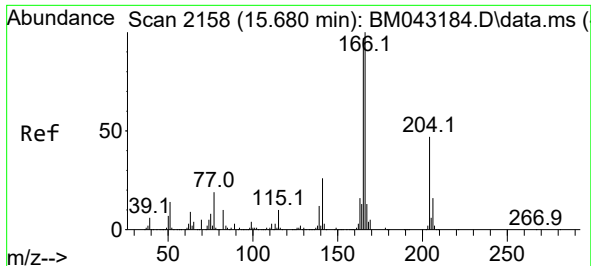
Ion Ratio Lower Upper

166 100

165 97.6 77.5 116.3

167 13.7 10.7 16.1

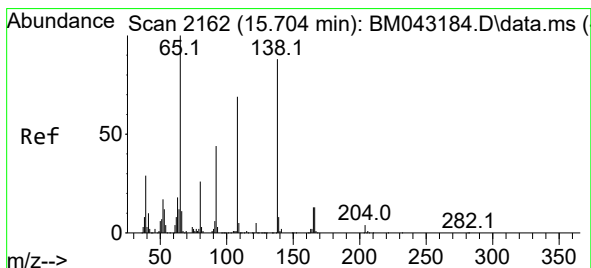
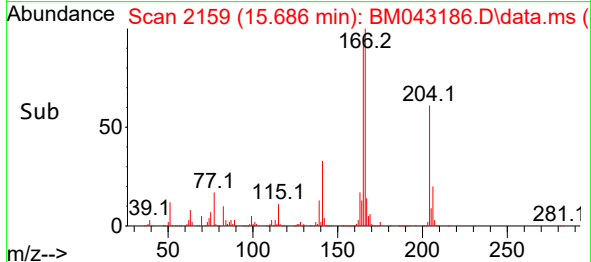
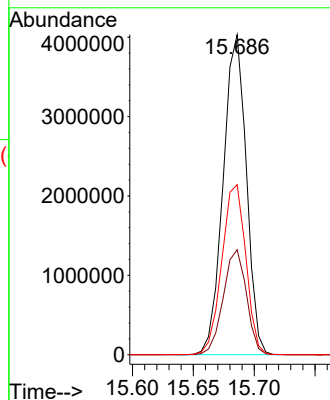
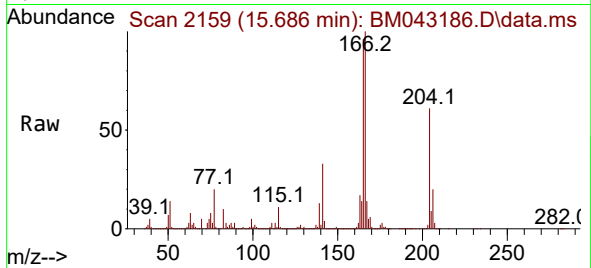




#62
4-Chlorophenyl-phenylether
Concen: 81.795 ng/ul
RT: 15.686 min Scan# 2158
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

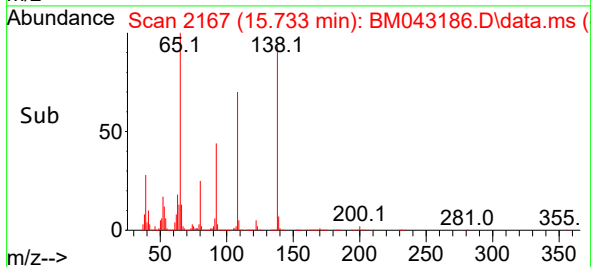
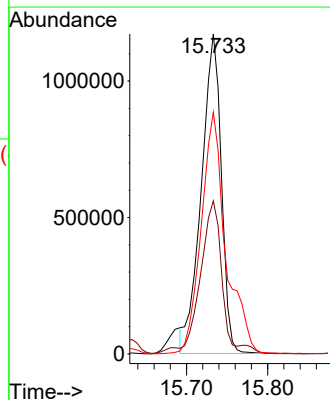
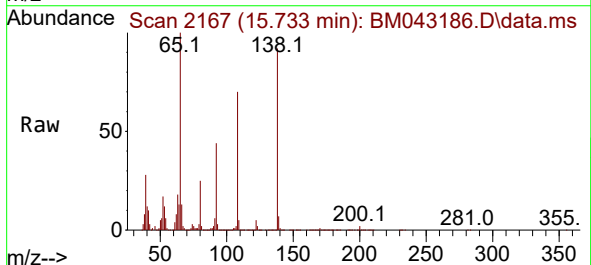
Instrument :
BNA_M
ClientSampleId :
SSTD080038

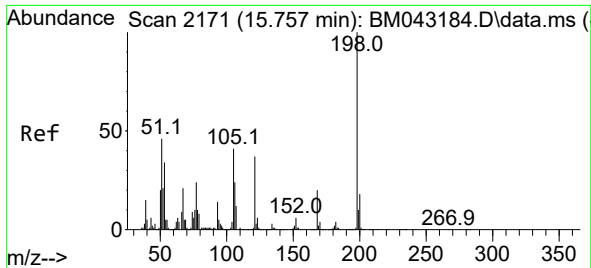
Tgt Ion:204 Resp: 5340194
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 53.2 44.2 66.4



#63
4-Nitroaniline
Concen: 76.028 ng/ul
RT: 15.733 min Scan# 2167
Delta R.T. 0.029 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:138 Resp: 2000083
Ion Ratio Lower Upper
138 100
92 47.8 40.1 60.1
108 75.6 63.0 94.6

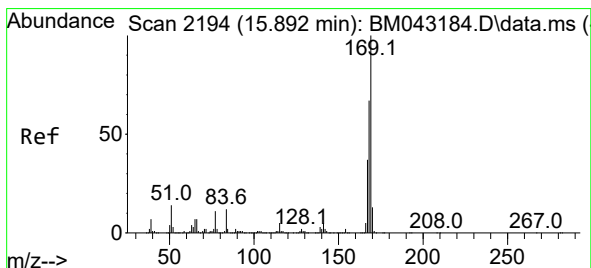
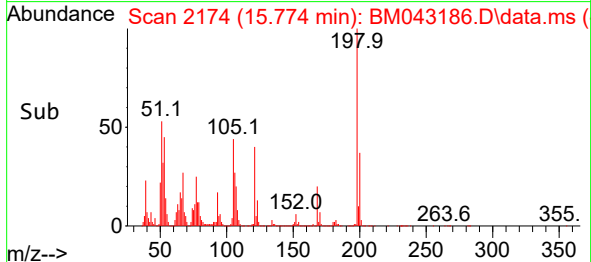
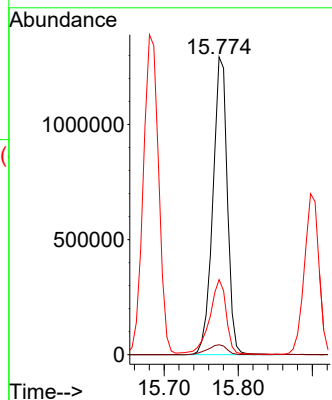
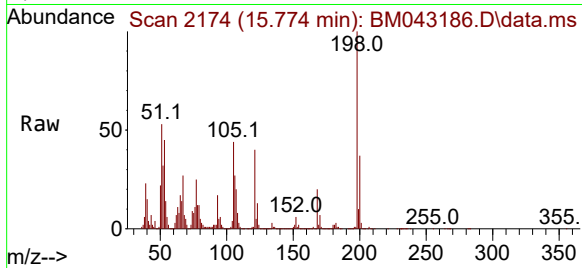




#66
4,6-Dinitro-2-methylphenol
Concen: 101.487 ng/ul
RT: 15.774 min Scan# 2174
Delta R.T. 0.018 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

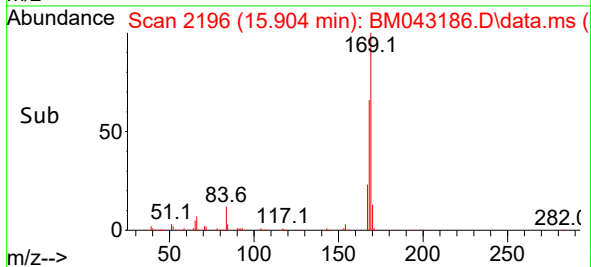
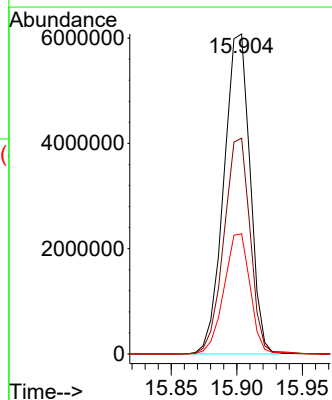
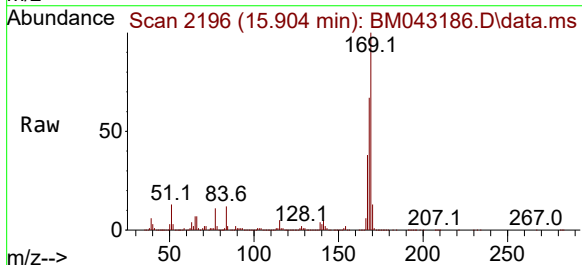
Instrument :
BNA_M
ClientSampleId :
SSTD080038

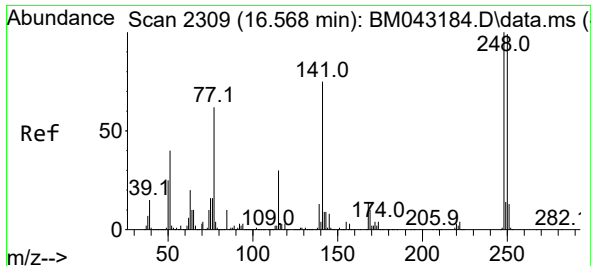
Tgt Ion:198 Resp: 1754102
Ion Ratio Lower Upper
198 100
182 3.3 3.2 4.8
77 25.2 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 80.416 ng/ul
RT: 15.904 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:169 Resp: 8440617
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.2
167 37.5 29.4 44.0

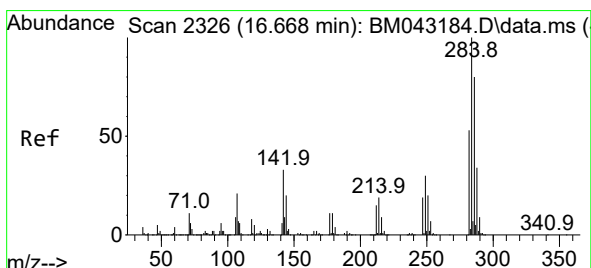
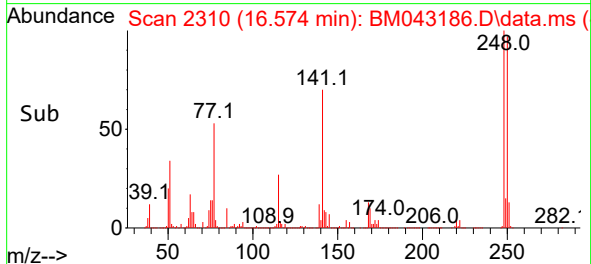
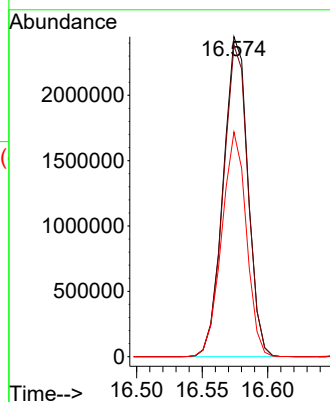
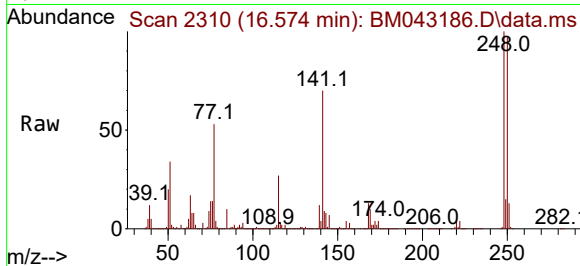




#68
4-Bromophenyl-phenylether
Concen: 84.760 ng/ul
RT: 16.574 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

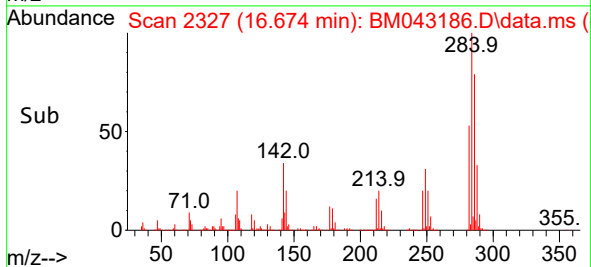
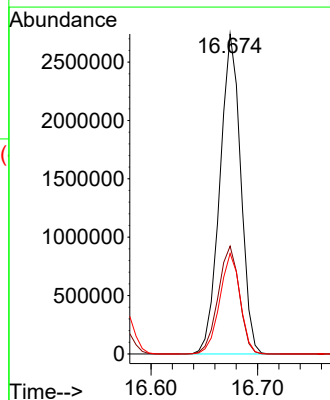
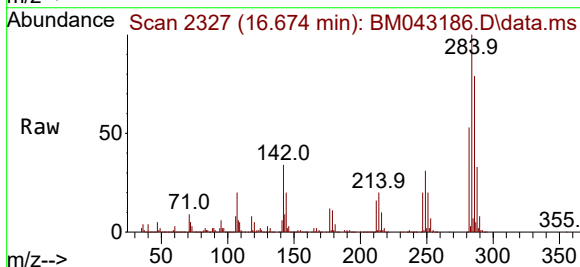
Instrument :
BNA_M
ClientSampleId :
SSTD080038

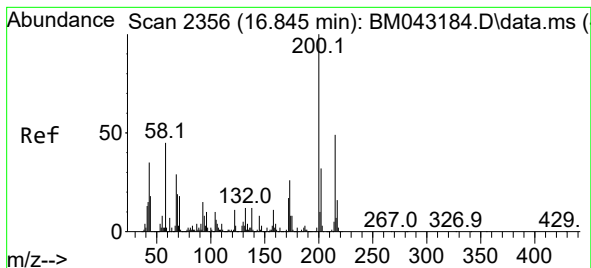
Tgt Ion:248 Resp: 3208147
Ion Ratio Lower Upper
248 100
250 97.3 78.9 118.3
141 70.2 60.2 90.2



#69
Hexachlorobenzene
Concen: 82.816 ng/ul
RT: 16.674 min Scan# 2327
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:284 Resp: 3719251
Ion Ratio Lower Upper
284 100
142 33.7 26.7 40.1
249 31.4 24.0 36.0





#70

Atrazine

Concen: 70.705 ng/ul

RT: 16.857 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

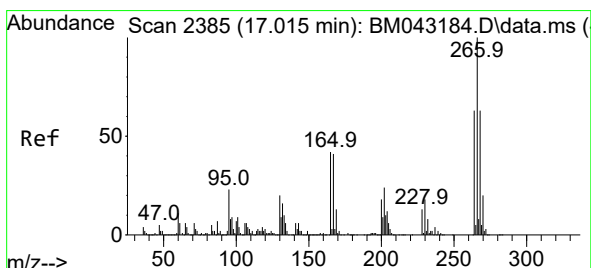
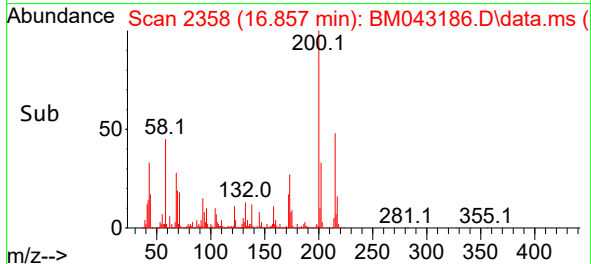
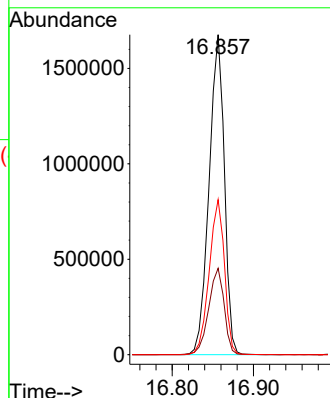
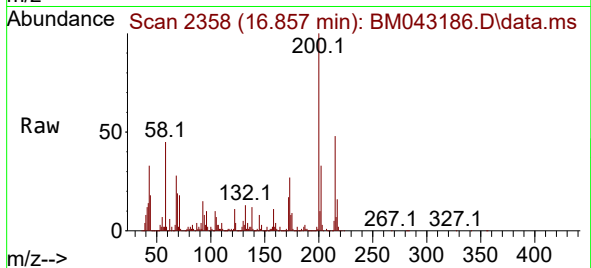
Tgt Ion:200 Resp: 2188149

Ion Ratio Lower Upper

200 100

173 27.0 20.6 30.8

215 48.4 39.4 59.2



#71

Pentachlorophenol

Concen: 92.610 ng/ul

RT: 17.021 min Scan# 2386

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

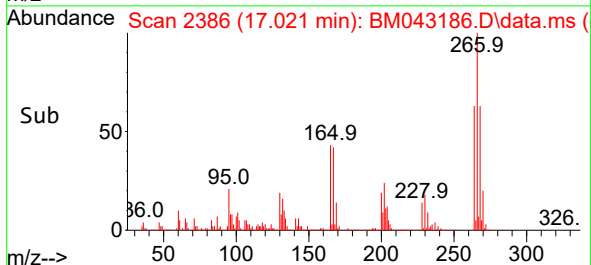
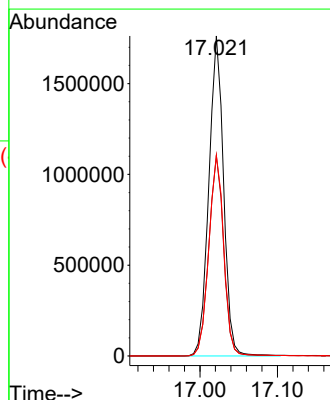
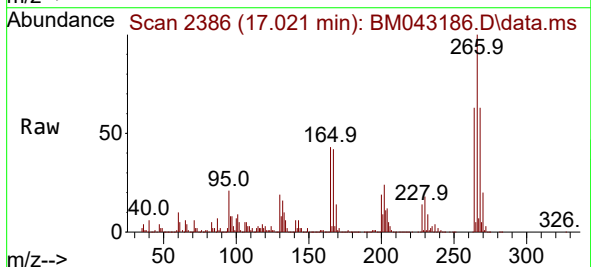
Tgt Ion:266 Resp: 2326753

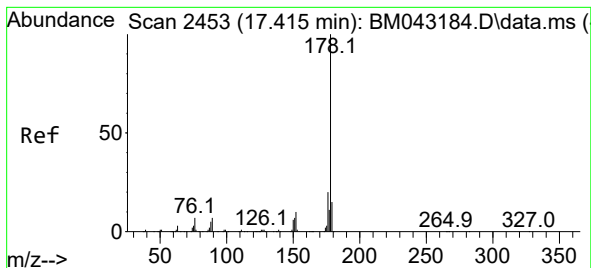
Ion Ratio Lower Upper

266 100

264 62.6 50.5 75.7

268 62.7 50.4 75.6





#72

Phenanthrene

Concen: 72.967 ng/ul

RT: 17.421 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

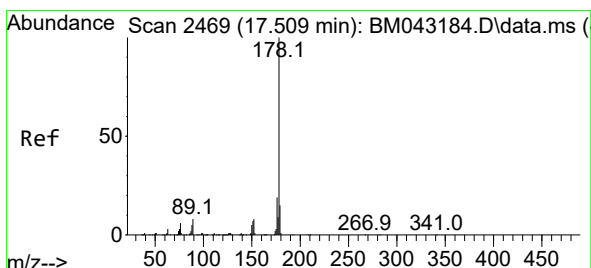
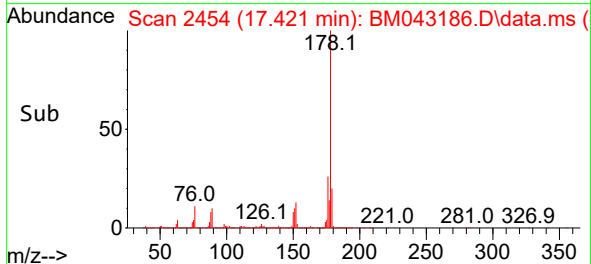
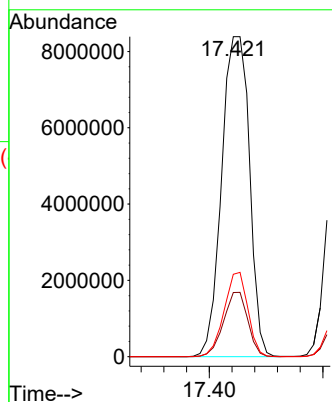
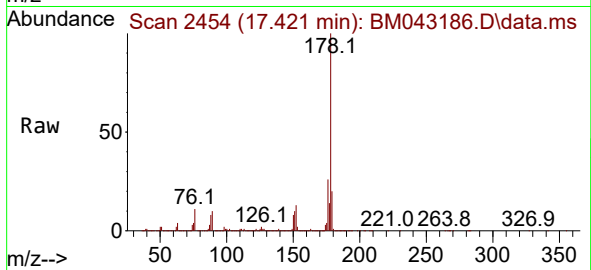
Tgt Ion:178 Resp:14241632

Ion Ratio Lower Upper

178 100

179 20.1 12.2 18.2#

176 25.8 15.7 23.5#



#74

Anthracene

Concen: 70.378 ng/ul

RT: 17.515 min Scan# 2470

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

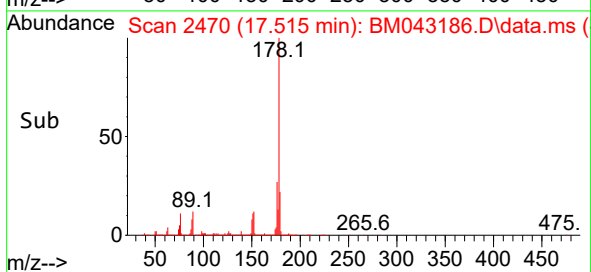
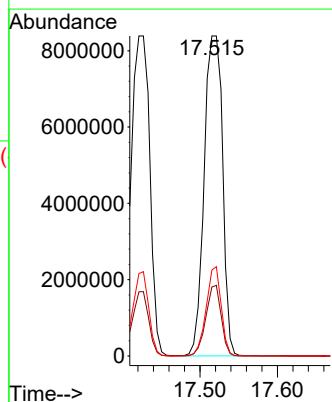
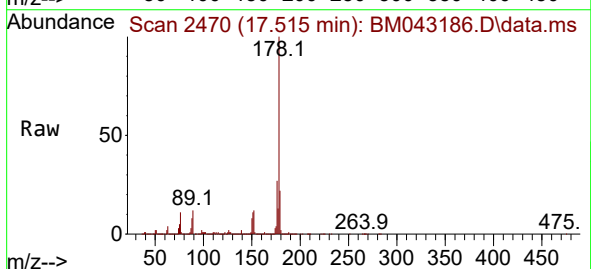
Tgt Ion:178 Resp:13836991

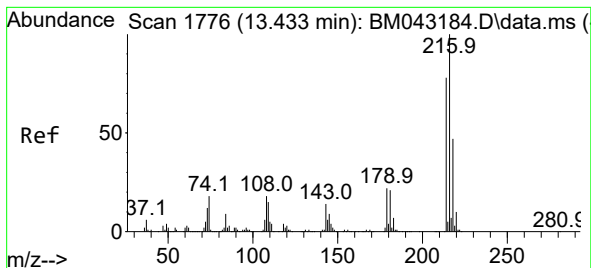
Ion Ratio Lower Upper

178 100

179 21.6 12.1 18.1#

176 26.9 15.1 22.7#





#75

1,2,3,4-Tetrachlorobenzene

Concen: 84.282 ng/uL

RT: 13.439 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

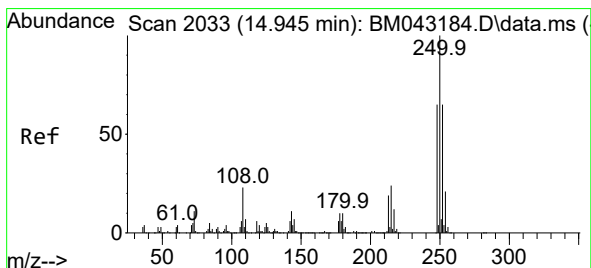
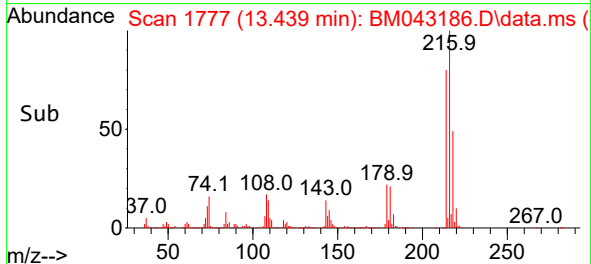
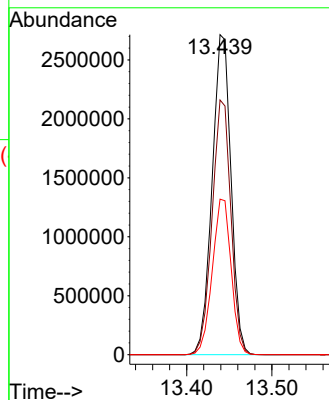
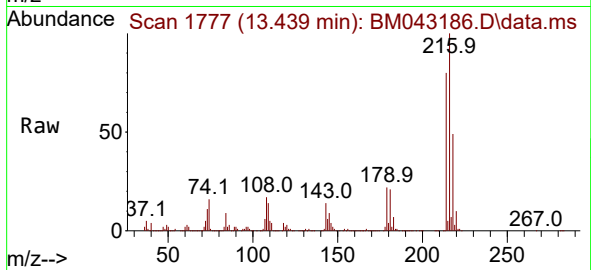
Tgt Ion:216 Resp: 4173440

Ion Ratio Lower Upper

216 100

214 79.6 62.2 93.2

218 48.6 37.6 56.4



#76

Pentachlorobenzene

Concen: 83.352 ng/uL

RT: 14.951 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

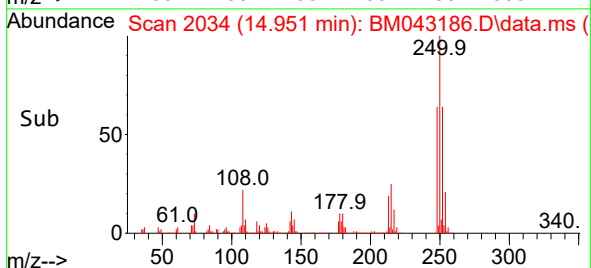
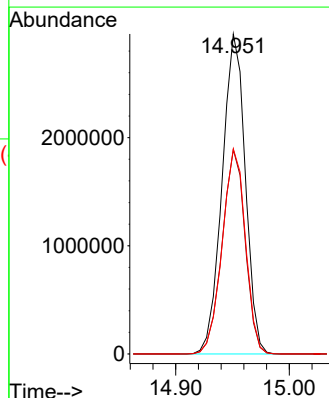
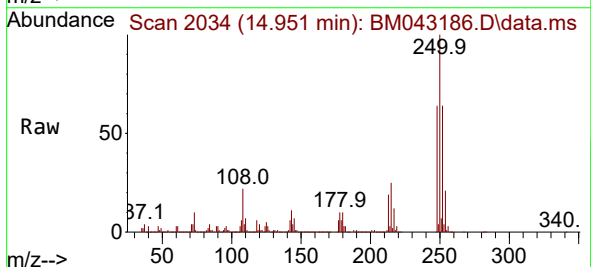
Tgt Ion:250 Resp: 4194389

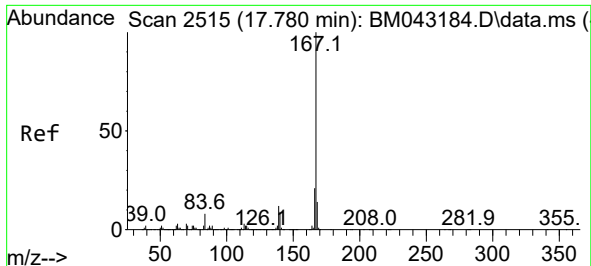
Ion Ratio Lower Upper

250 100

248 63.8 51.8 77.8

252 64.1 51.9 77.9

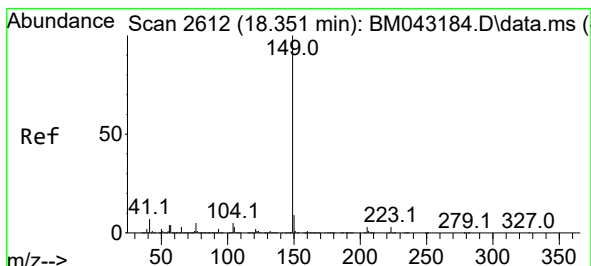
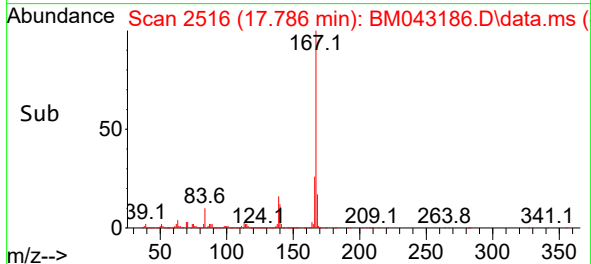
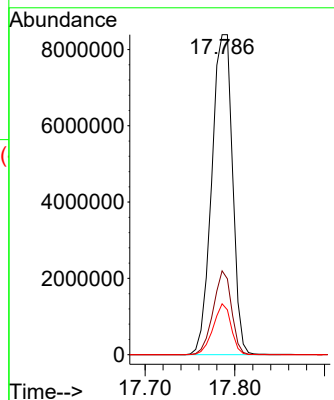
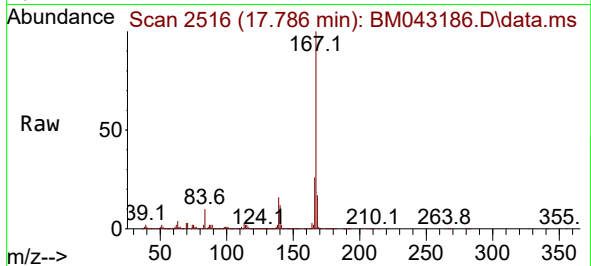




#77
 Carbazole
 Concen: 77.943 ng/ul
 RT: 17.786 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM043186.D
 Acq: 07 Dec 2023 18:06

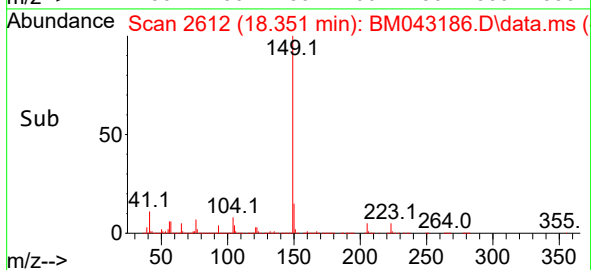
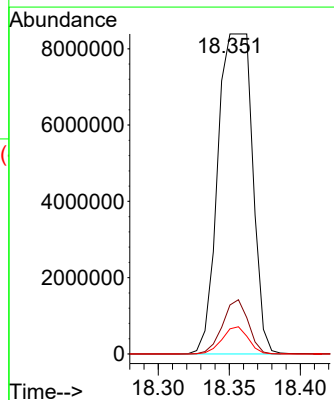
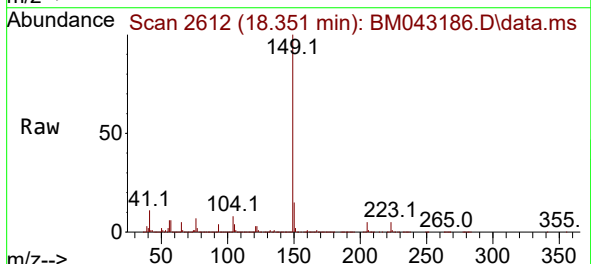
Instrument :
 BNA_M
 ClientSampleId :
 SSTD080038

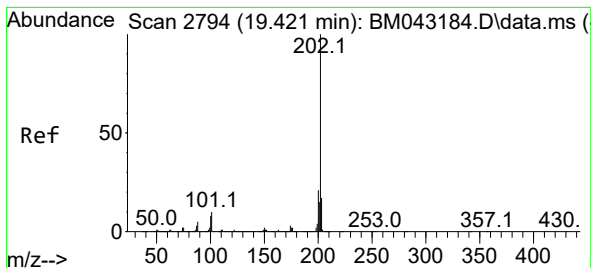
Tgt Ion:167 Resp:13473978
 Ion Ratio Lower Upper
 167 100
 166 26.2 17.1 25.7#
 139 15.9 9.9 14.9#



#78
 Di-n-butylphthalate
 Concen: 67.368 ng/ul
 RT: 18.351 min Scan# 2612
 Delta R.T. -0.000 min
 Lab File: BM043186.D
 Acq: 07 Dec 2023 18:06

Tgt Ion:149 Resp:14151944
 Ion Ratio Lower Upper
 149 100
 150 15.3 7.2 10.8#
 104 7.9 3.8 5.6#

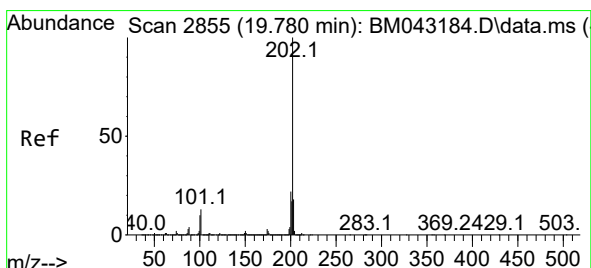
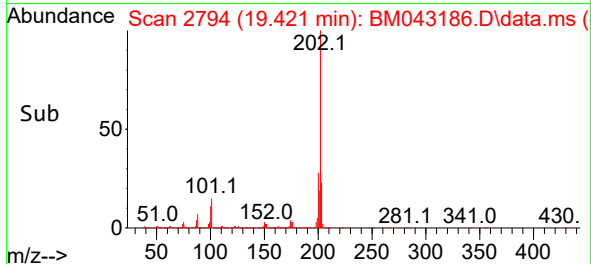
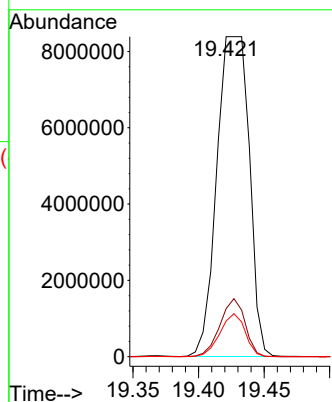
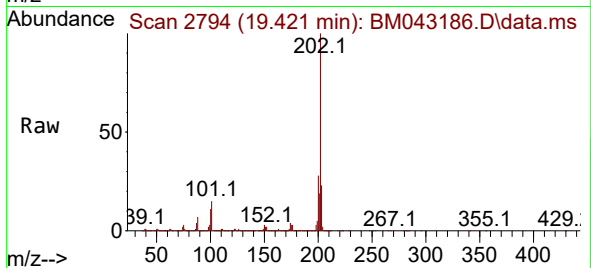




#80
Fluoranthene
Concen: 67.244 ng/ul
RT: 19.421 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

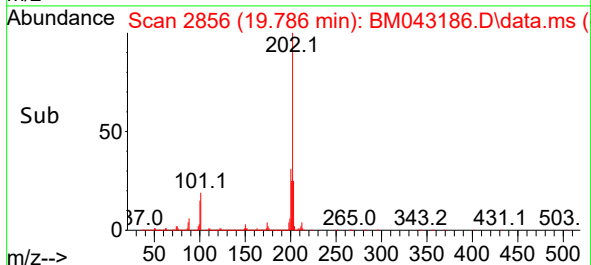
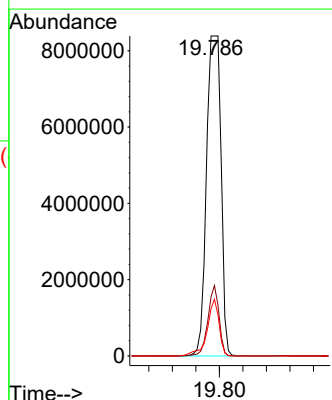
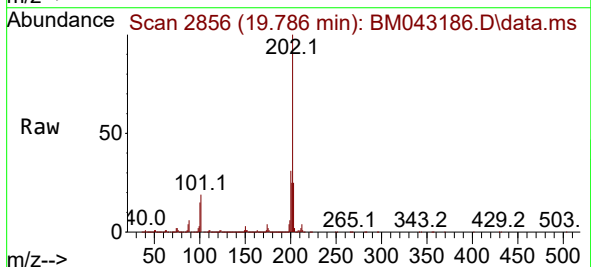
Instrument :
BNA_M
ClientSampleId :
SSTD080038

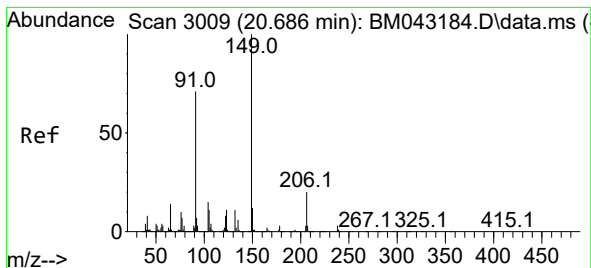
Tgt Ion:202 Resp:14432163
Ion Ratio Lower Upper
202 100
101 15.0 8.2 12.2#
100 11.2 6.1 9.1#



#82
Pyrene
Concen: 64.397 ng/ul
RT: 19.786 min Scan# 2856
Delta R.T. 0.006 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:202 Resp:14377138
Ion Ratio Lower Upper
202 100
101 18.5 10.2 15.2#
100 14.8 8.2 12.2#





#83

Butylbenzylphthalate

Concen: 94.053 ng/ul

RT: 20.692 min Scan# 3009

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

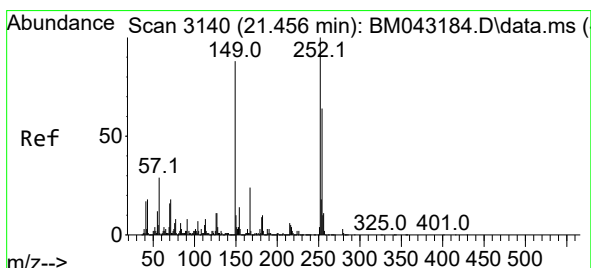
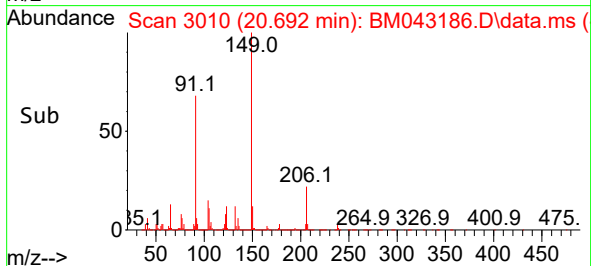
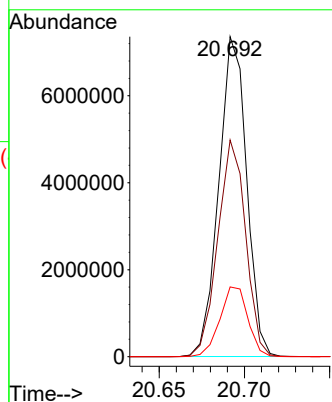
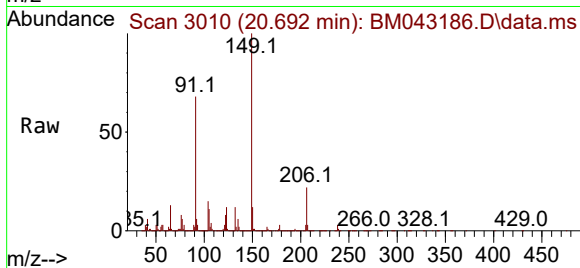
Tgt Ion:149 Resp: 8352640

Ion Ratio Lower Upper

149 100

91 67.7 56.9 85.3

206 21.8 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 87.559 ng/ul

RT: 21.462 min Scan# 3141

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

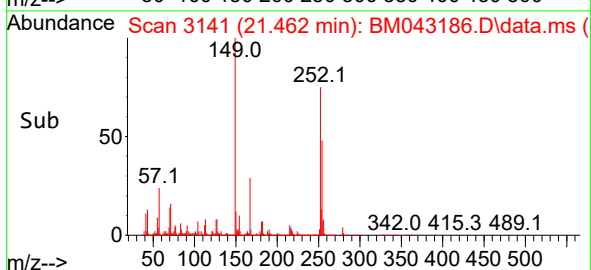
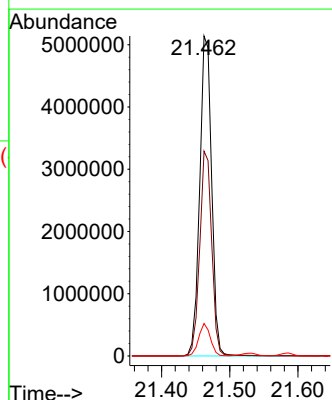
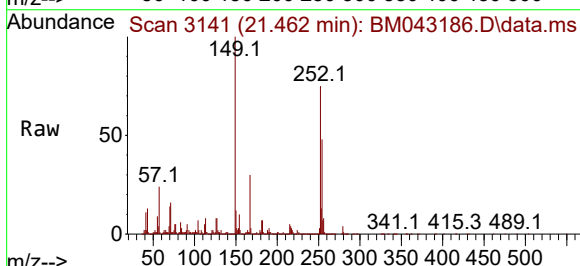
Tgt Ion:252 Resp: 6254415

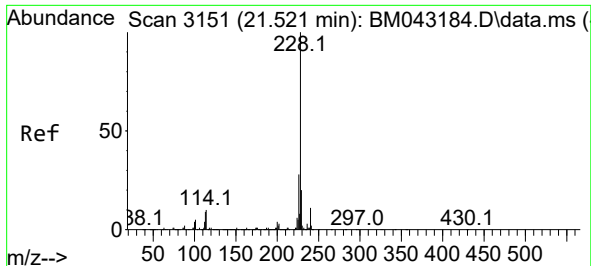
Ion Ratio Lower Upper

252 100

254 64.0 51.3 76.9

126 10.1 8.8 13.2

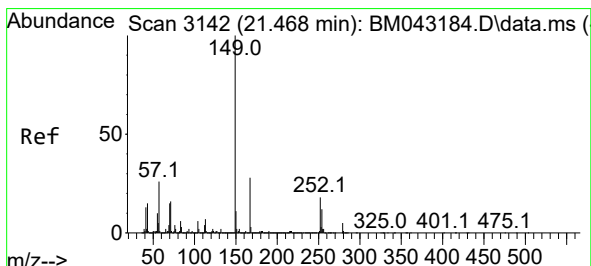
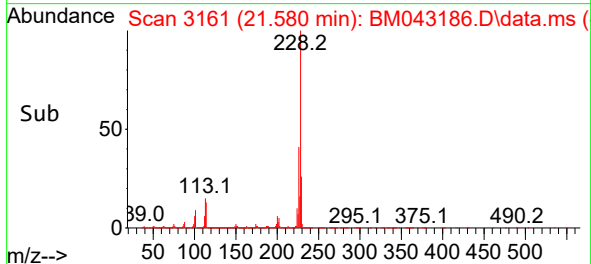
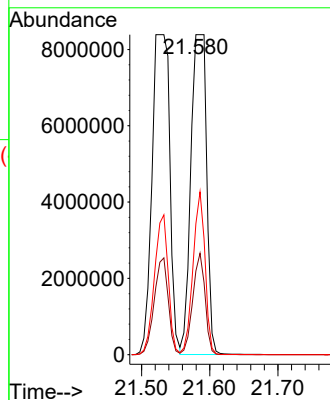
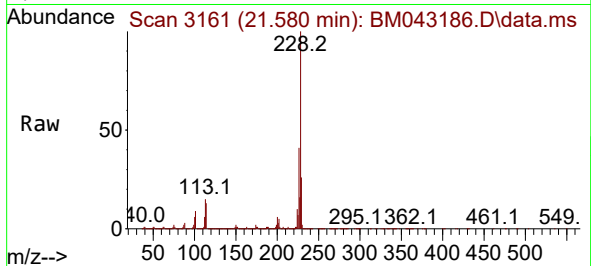




#85
Benzo(a)anthracene
Concen: 59.788 ng/ul
RT: 21.580 min Scan# 3161
Delta R.T. 0.059 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

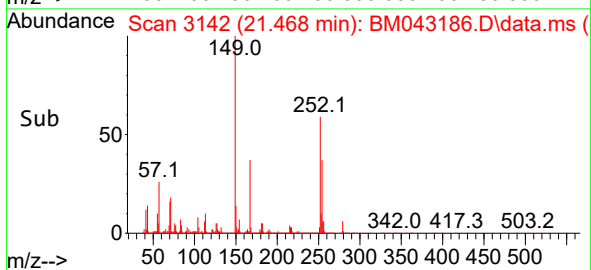
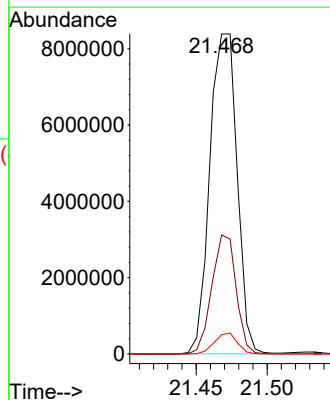
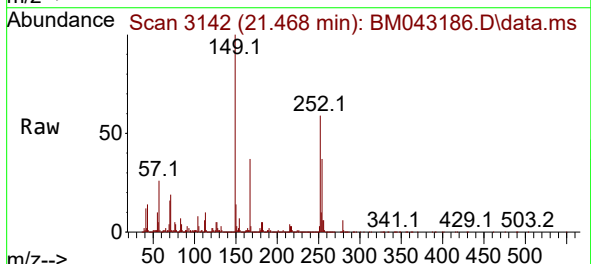
Instrument :
BNA_M
ClientSampleId :
SSTD080038

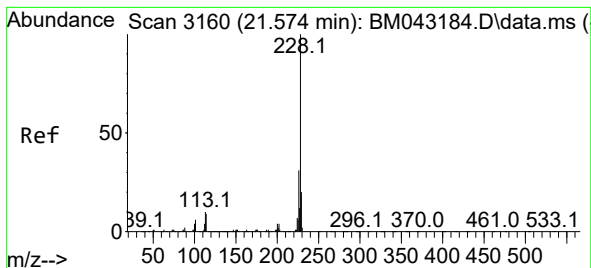
Tgt Ion:228 Resp:13404029
Ion Ratio Lower Upper
228 100
229 26.1 15.8 23.8#
226 40.9 22.2 33.4#



#86
Bis(2-ethylhexyl)phthalate
Concen: 79.864 ng/ul
RT: 21.468 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BM043186.D
Acq: 07 Dec 2023 18:06

Tgt Ion:149 Resp:11195849
Ion Ratio Lower Upper
149 100
167 37.2 22.6 34.0#
279 6.0 3.7 5.5#





#87

Chrysene

Concen: 66.958 ng/ul

RT: 21.580 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

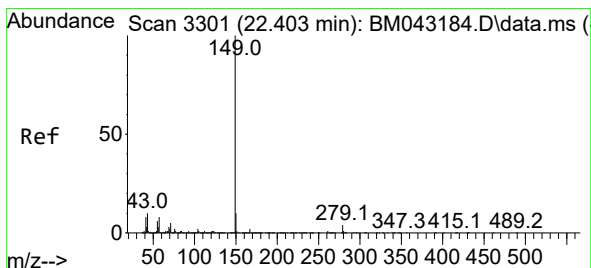
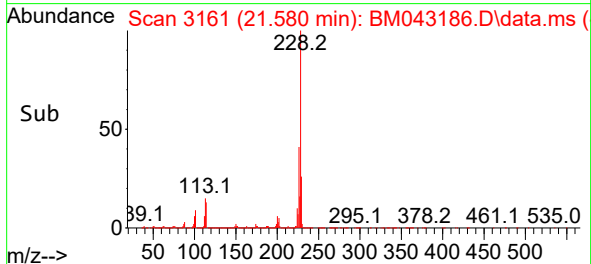
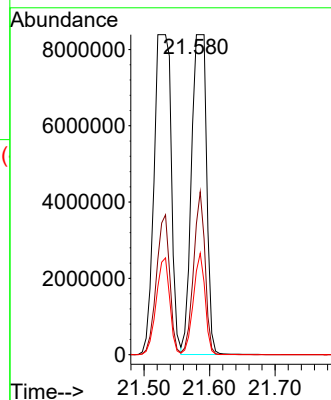
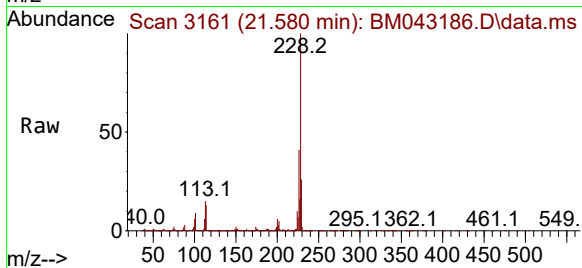
Tgt Ion:228 Resp:13407477

Ion Ratio Lower Upper

228 100

226 40.9 24.8 37.2#

229 26.1 16.2 24.2#



#89

Di-n-octyl phthalate

Concen: 78.963 ng/ul

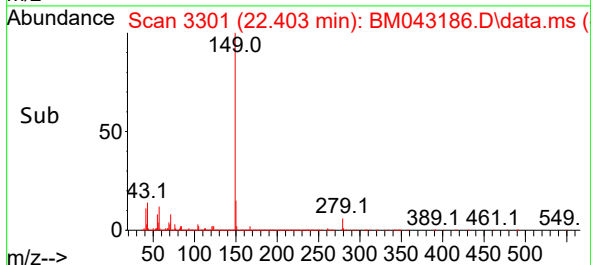
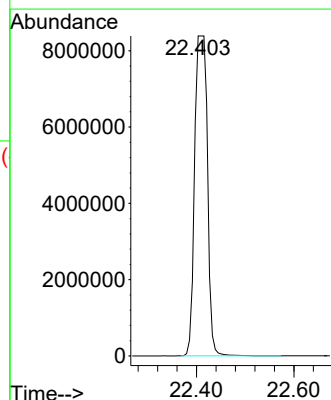
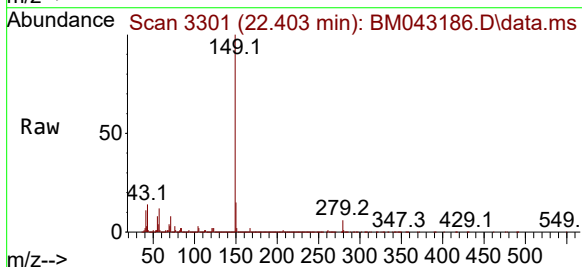
RT: 22.403 min Scan# 3301

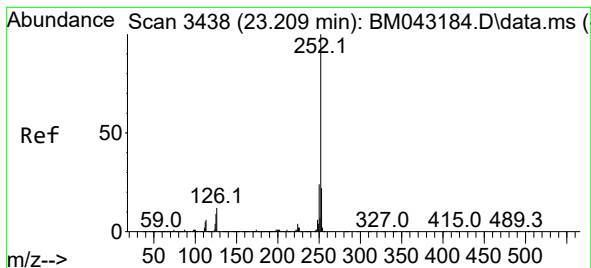
Delta R.T. -0.000 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Tgt Ion:149 Resp:15335811





#90

Benzo(b)fluoranthene

Concen: 85.484 ng/ul

RT: 23.221 min Scan# 34

Delta R.T. 0.012 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

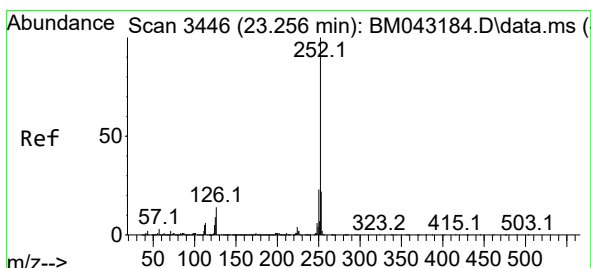
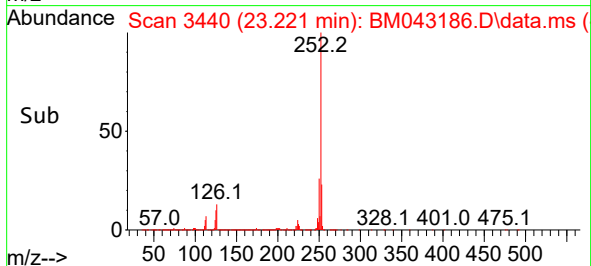
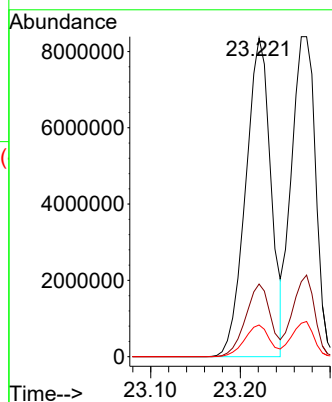
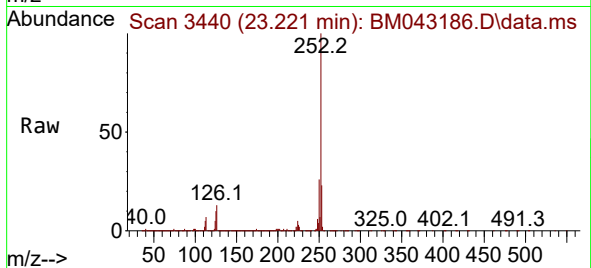
Tgt Ion:252 Resp:16354990

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 9.9 7.2 10.8



#91

Benzo(k)fluoranthene

Concen: 82.131 ng/ul

RT: 23.268 min Scan# 3448

Delta R.T. 0.012 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

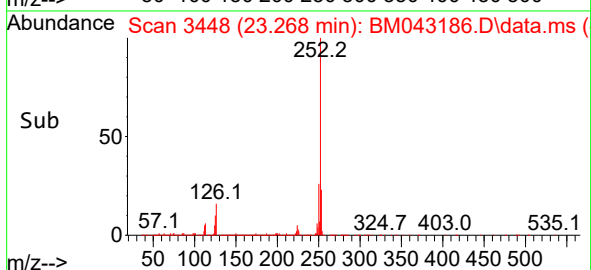
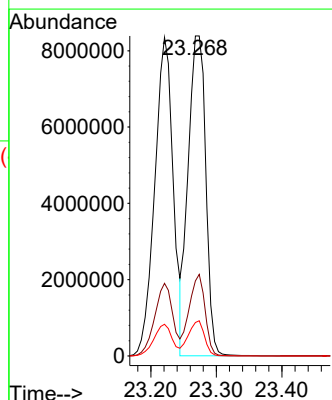
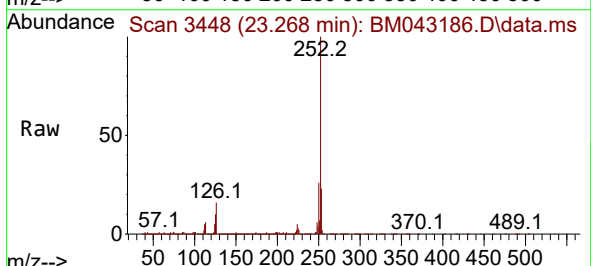
Tgt Ion:252 Resp:15650235

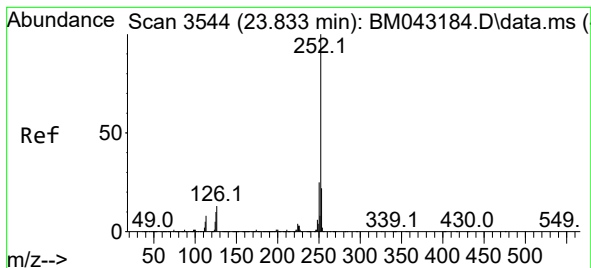
Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

125 10.5 7.7 11.5





#93

Benzo(a)pyrene

Concen: 83.321 ng/ul

RT: 23.856 min Scan# 3

Delta R.T. 0.023 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

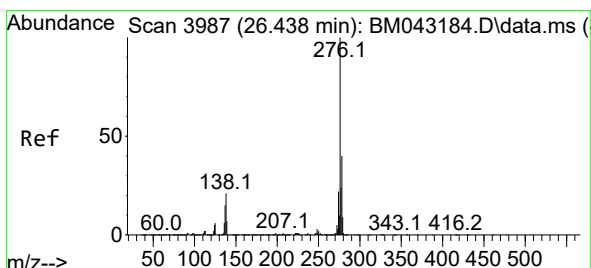
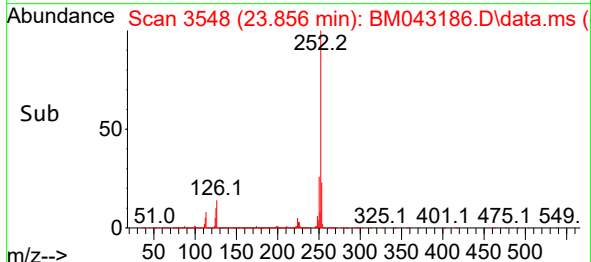
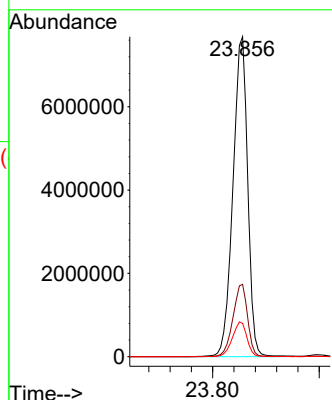
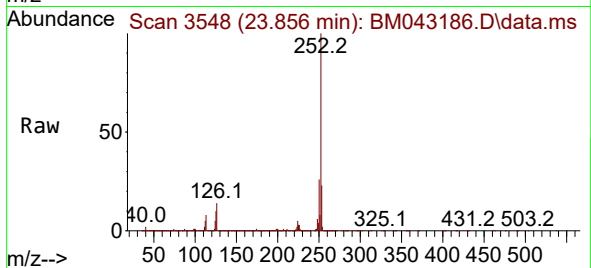
Tgt Ion:252 Resp:14734624

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 10.4 8.4 12.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 79.668 ng/ul

RT: 26.462 min Scan# 3991

Delta R.T. 0.023 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

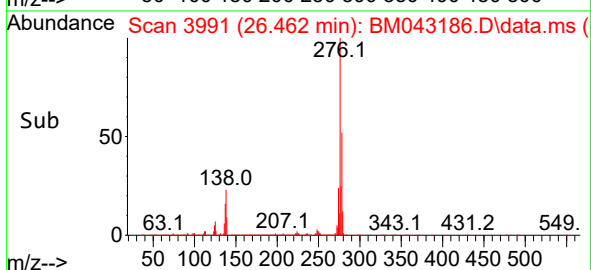
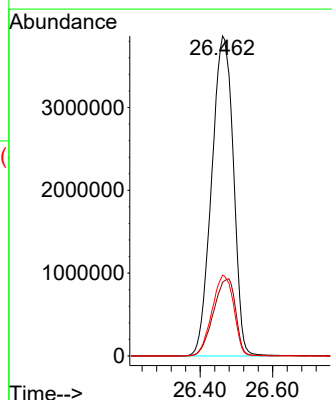
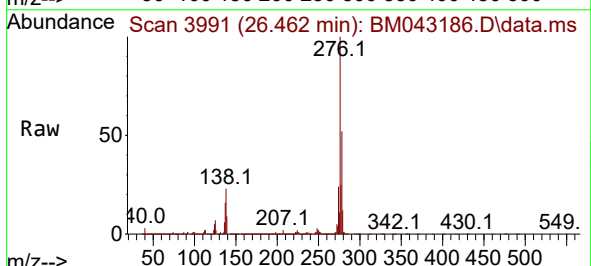
Tgt Ion:276 Resp:16048604

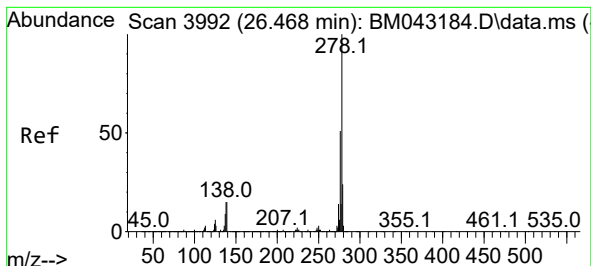
Ion Ratio Lower Upper

276 100

138 23.0 16.9 25.3

277 25.2 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 80.920 ng/ul

RT: 26.485 min Scan# 3995

Delta R.T. 0.018 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Instrument :

BNA_M

ClientSampleId :

SSTD080038

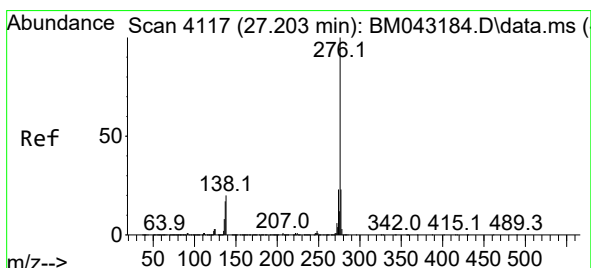
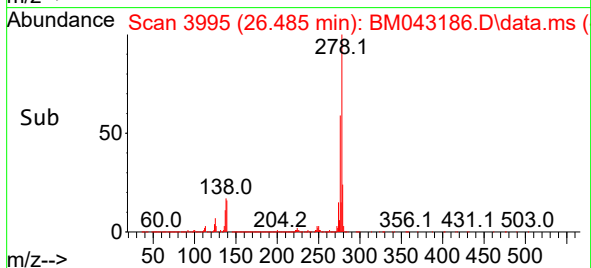
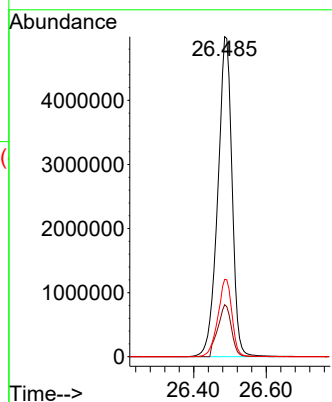
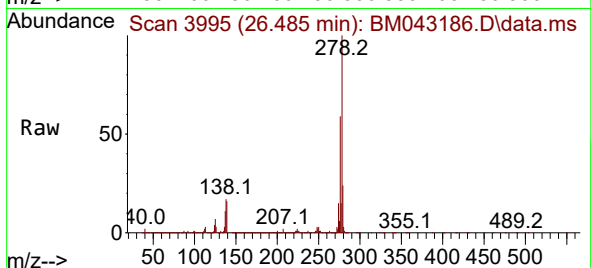
Tgt Ion:278 Resp:13628818

Ion Ratio Lower Upper

278 100

139 16.2 11.9 17.9

279 24.2 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 77.915 ng/ul

RT: 27.232 min Scan# 4122

Delta R.T. 0.029 min

Lab File: BM043186.D

Acq: 07 Dec 2023 18:06

Tgt Ion:276 Resp:11824588

Ion Ratio Lower Upper

276 100

138 21.5 16.2 24.2

277 24.4 18.7 28.1

