

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046002.D
 Acq On : 12 Jun 2024 18:40
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020118

Quant Time: Jun 13 01:17:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	104148	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	471648	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.074	164	314737	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	687689	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	691111	20.000	ng/u1	0.00
88) Perylene-d12	23.738	264	706064	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	18667	6.949	ng/uL	0.00
4) Pyridine-d5	3.446	84	136296	19.705	ng/u1	0.00
7) Phenol-d5	6.687	99	181654	20.531	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	131268	20.661	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	134542	20.358	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	143975	21.539	ng/u1	0.00
21) Nitrobenzene-d5	8.598	128	69411	18.823	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	71775	19.231	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.857	165	145642	20.810	ng/u1	0.00
31) 4-Chloroaniline-d4	10.380	131	200095	20.658	ng/u1	0.00
46) Dimethylphthalate-d6	13.527	166	433858	19.912	ng/u1	0.00
49) Acenaphthylene-d8	13.768	160	514582	20.337	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	105687	22.475	ng/u1	0.00
60) Fluorene-d10	15.074	176	391184	21.044	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200	65535	18.662	ng/u1	0.00
73) Anthracene-d10	16.927	188	607314	20.315	ng/u1	0.00
81) Pyrene-d10	19.227	212	734088	17.080	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	677531	20.532	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.069	88	20743	6.977	ng/uL	86
5) Pyridine	3.463	79	137297	19.329	ng/u1	86
6) Benzaldehyde	6.610	77	99686	23.955	ng/u1	94
8) Phenol	6.716	94	193769	21.117	ng/u1	90
10) Bis(2-Chloroethyl)ether	6.892	93	149312	19.495	ng/u1	92
12) 2-Chlorophenol	7.028	128	143089	20.551	ng/u1	90
13) 2-Methylphenol	7.934	108	141588	21.073	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.975	45	348723	23.117	ng/u1	99
16) Acetophenone	8.275	105	246549	22.131	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.263	70	140876	22.884	ng/u1#	86
18) 4-Methylphenol	8.263	108	156588	22.523	ng/u1	98
19) Hexachloroethane	8.498	117	67361	20.143	ng/u1	97
22) Nitrobenzene	8.639	77	216336	20.962	ng/u1	97
23) Isophorone	9.169	82	377716	20.713	ng/u1	99
25) 2-Nitrophenol	9.339	139	81262	19.918	ng/u1	99
26) 2,4-Dimethylphenol	9.439	107	170216	20.566	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.651	93	211066	19.064	ng/u1	98
29) 2,4-Dichlorophenol	9.880	162	144282	20.692	ng/u1	98
30) Naphthalene	10.245	128	496223	19.730	ng/u1	99
32) 4-Chloroaniline	10.404	127	197609	20.871	ng/u1	97
33) Hexachlorobutadiene	10.539	225	92509	19.367	ng/u1	95
34) Caprolactam	11.239	113	41285	21.022	ng/u1	87
35) 4-Chloro-3-methylphenol	11.557	107	161616	21.364	ng/u1	99
36) 2-Methylnaphthalene	11.869	142	340126	20.420	ng/u1	98

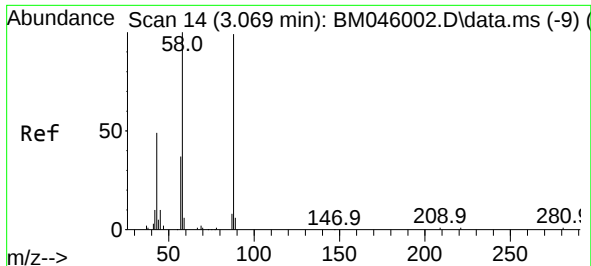
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.092	142	343940	20.653	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.245	216	179966	19.092	ng/ul	98
40) Hexachlorocyclopentadiene	12.233	237	107173	18.734	ng/ul	99
41) 2,4,6-Trichlorophenol	12.516	196	112801	20.568	ng/ul	98
42) 2,4,5-Trichlorophenol	12.604	196	121060	20.342	ng/ul	98
43) 1,1'-Biphenyl	12.910	154	444152	19.021	ng/ul	97
44) 2-Chloronaphthalene	12.939	162	355775	19.443	ng/ul	99
45) 2-Nitroaniline	13.192	65	144874	23.185	ng/ul	92
47) Dimethylphthalate	13.574	163	448494	20.271	ng/ul	100
48) 2,6-Dinitrotoluene	13.680	165	87461	20.549	ng/ul#	81
50) Acenaphthylene	13.798	152	600971	20.522	ng/ul	100
51) 3-Nitroaniline	14.027	138	88430	22.626	ng/ul	97
52) Acenaphthene	14.139	153	398776	20.406	ng/ul	99
53) 2,4-Dinitrophenol	14.221	184	36846	19.013	ng/ul	90
55) 4-Nitrophenol	14.392	109	96308	24.824	ng/ul	96
56) Dibenzofuran	14.480	168	546523	20.739	ng/ul	99
57) 2,4-Dinitrotoluene	14.480	165	134204	22.791	ng/ul#	61
58) 2,3,4,6-Tetrachlorophenol	14.733	232	106682	23.725	ng/ul	95
59) Diethylphthalate	14.945	149	462388	20.872	ng/ul	99
61) Fluorene	15.133	166	461861	21.752	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.139	204	219535	20.830	ng/ul	98
63) 4-Nitroaniline	15.210	138	86079	26.524	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.233	198	72714	18.866	ng/ul#	84
67) N-Nitrosodiphenylamine	15.357	169	372085	19.093	ng/ul	99
68) 4-Bromophenyl-phenylether	16.033	248	133925	18.679	ng/ul	98
69) Hexachlorobenzene	16.133	284	153801	19.397	ng/ul	95
70) Atrazine	16.333	200	106965	18.107	ng/ul	96
71) Pentachlorophenol	16.504	266	88380	21.967	ng/ul	98
72) Phenanthrene	16.868	178	737060	20.341	ng/ul	99
74) Anthracene	16.957	178	751101	20.752	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.863	216	181949	17.060	ng/uL	98
76) Pentachlorobenzene	14.398	250	180523	18.097	ng/uL	97
77) Carbazole	17.251	167	673614	21.812	ng/ul	100
78) Di-n-butylphthalate	17.821	149	797146	19.628	ng/ul	99
80) Fluoranthene	18.892	202	884966	16.985	ng/ul	98
82) Pyrene	19.256	202	934943	17.465	ng/ul	99
83) Butylbenzylphthalate	20.186	149	374161	17.150	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.974	252	271820	19.912	ng/ul	99
85) Benzo(a)anthracene	21.021	228	940524	19.709	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.974	149	571591	17.634	ng/ul	99
87) Chrysene	21.080	228	882544	19.992	ng/ul	100
89) Di-n-octyl phthalate	21.997	149	959055	17.761	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	863285	19.895	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	880341	20.772	ng/ul	100
93) Benzo(a)pyrene	23.615	252	786423	20.625	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.721	276	852667	20.478	ng/ul	96
95) Dibenzo(a,h)anthracene	26.762	278	711338	21.599	ng/ul	99
96) Benzo(g,h,i)perylene	27.644	276	682586	18.612	ng/ul	98

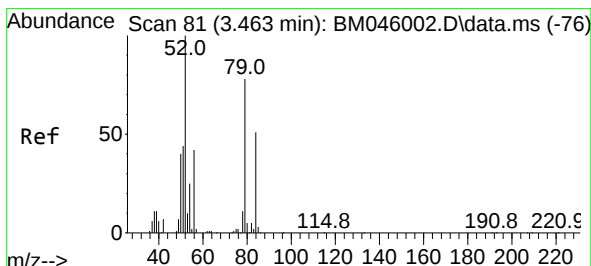
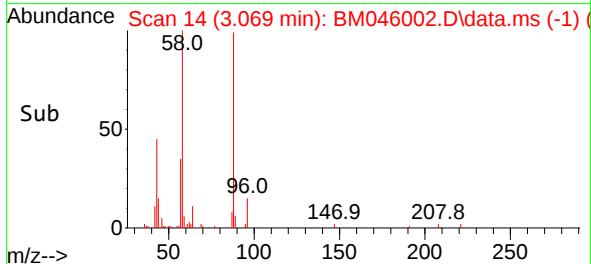
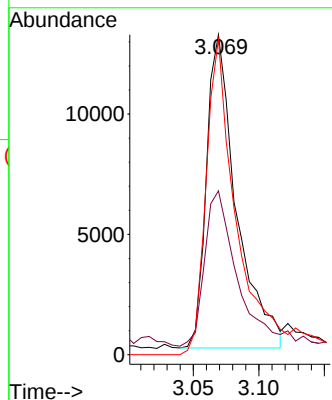
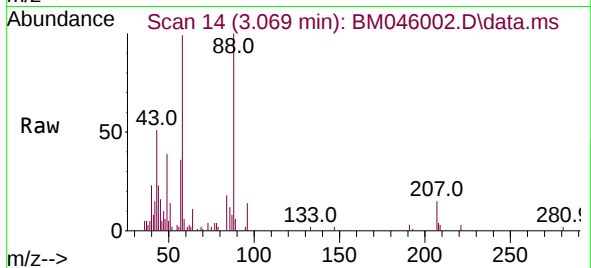
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#2
1,4-Dioxane
Concen: 6.977 ng/uL
RT: 3.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM046002.D
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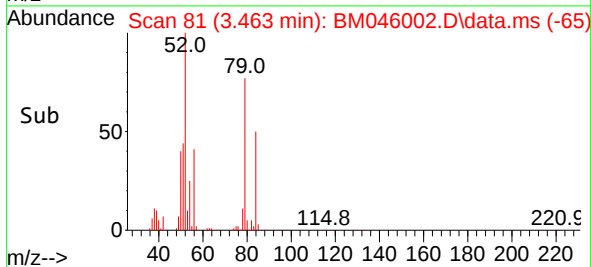
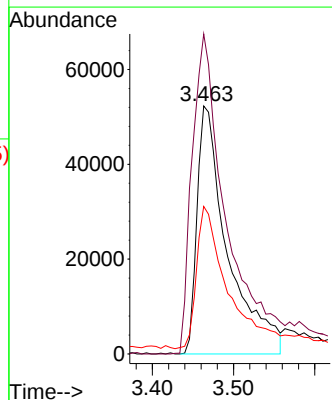
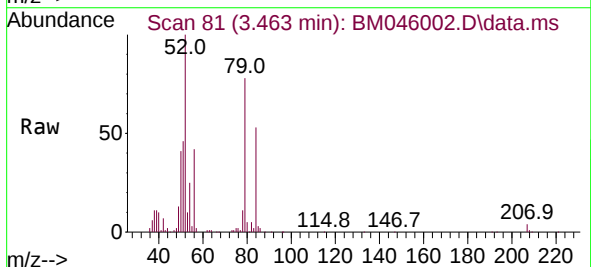
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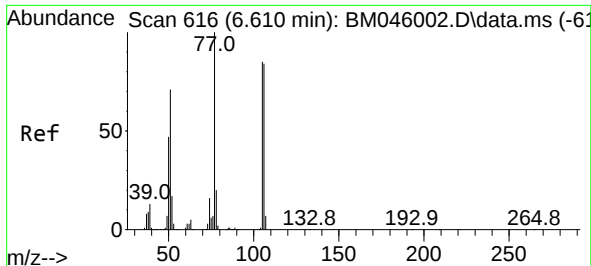
Tgt Ion: 88 Resp: 20743
Ion Ratio Lower Upper
88 100
43 51.2 35.1 52.7
58 98.7 67.4 101.2



#5
Pyridine
Concen: 19.329 ng/uL
RT: 3.463 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion: 79 Resp: 137297
Ion Ratio Lower Upper
79 100
52 129.0 90.5 135.7
51 59.5 41.5 62.3

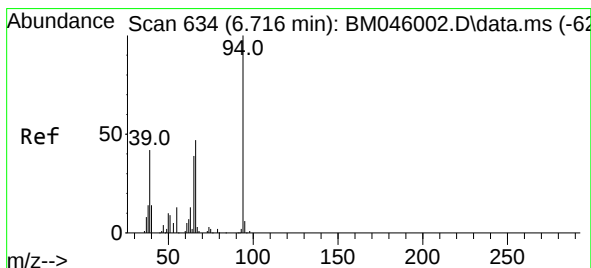
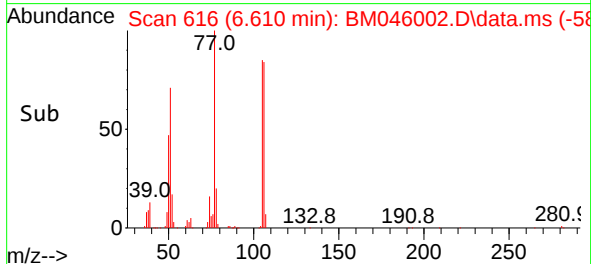
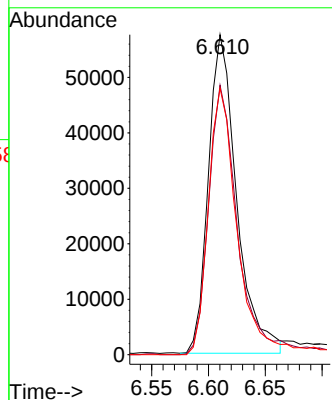
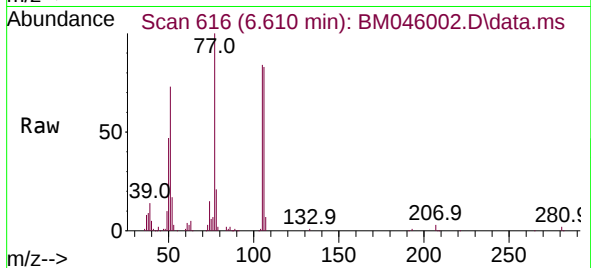




#6
Benzaldehyde
Concen: 23.955 ng/ul
RT: 6.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

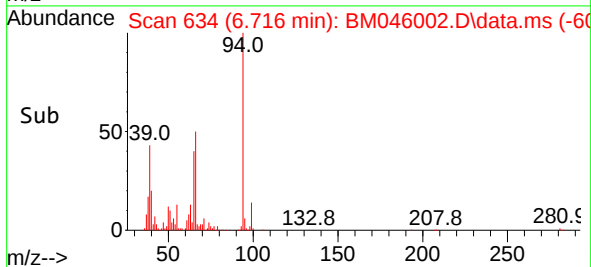
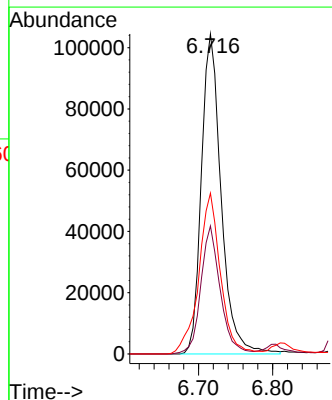
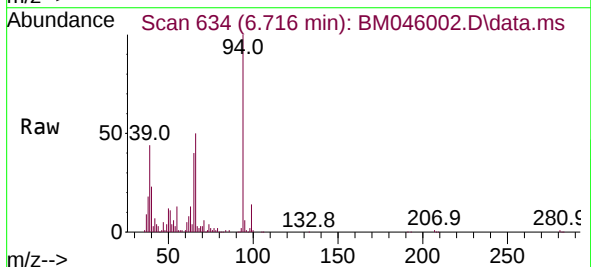
Instrument :
BNA_M
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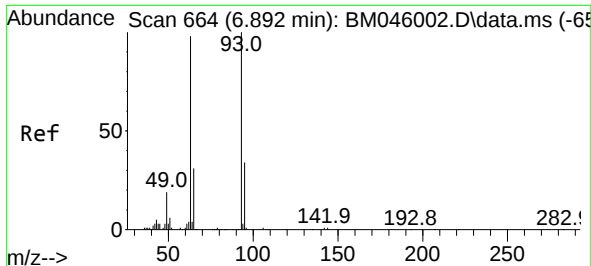
Tgt Ion: 77 Resp: 99686
Ion Ratio Lower Upper
77 100
105 84.2 72.7 109.1
106 83.3 70.8 106.2



#8
Phenol
Concen: 21.117 ng/ul
RT: 6.716 min Scan# 634
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion: 94 Resp: 193769
Ion Ratio Lower Upper
94 100
65 40.0 26.8 40.2
66 50.2 35.1 52.7





#10

Bis(2-Chloroethyl)ether

Concen: 19.495 ng/ul

RT: 6.892 min Scan# 664

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

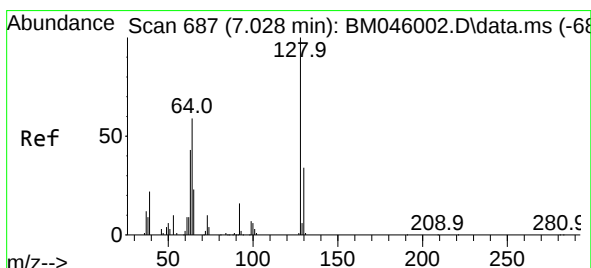
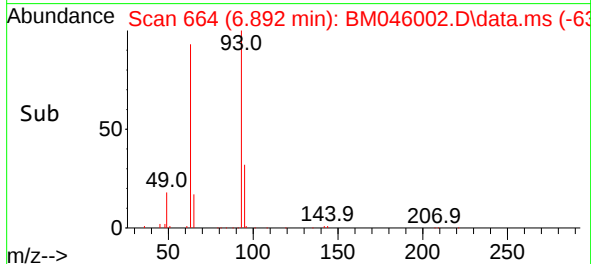
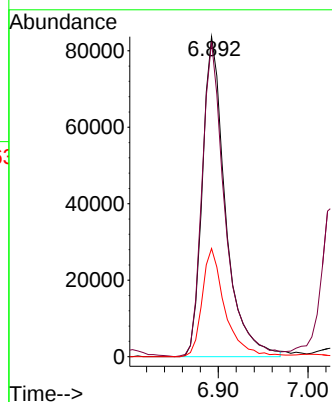
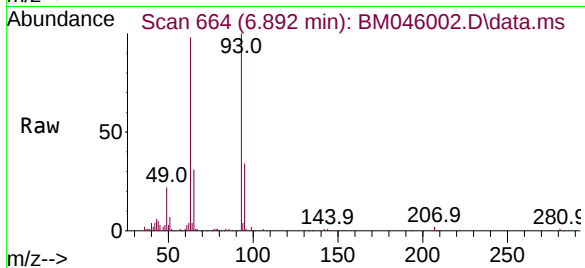
Tgt Ion: 93 Resp: 149312

Ion Ratio Lower Upper

93 100

63 98.4 71.8 107.8

95 33.8 25.4 38.2



#12

2-Chlorophenol

Concen: 20.551 ng/ul

RT: 7.028 min Scan# 687

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

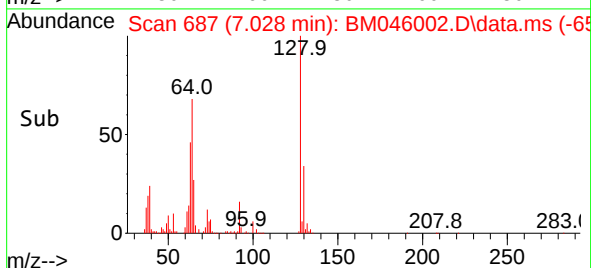
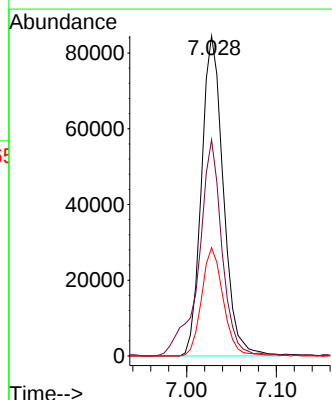
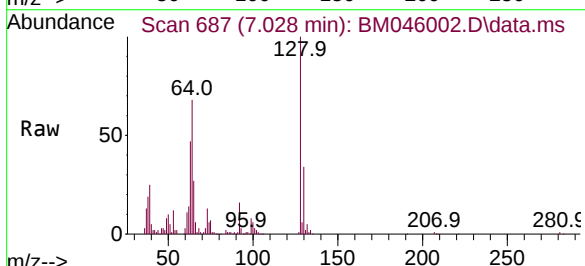
Tgt Ion: 128 Resp: 143089

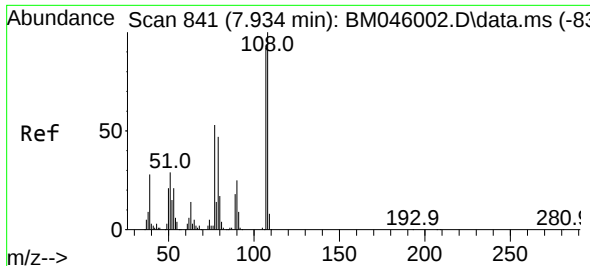
Ion Ratio Lower Upper

128 100

64 67.5 46.1 69.1

130 33.9 25.8 38.8

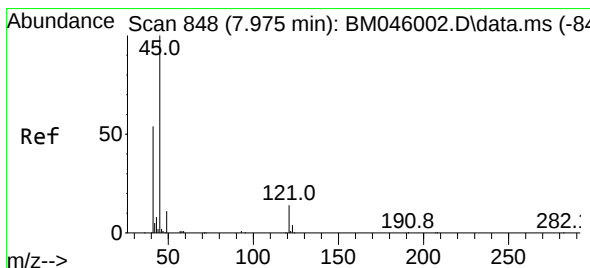
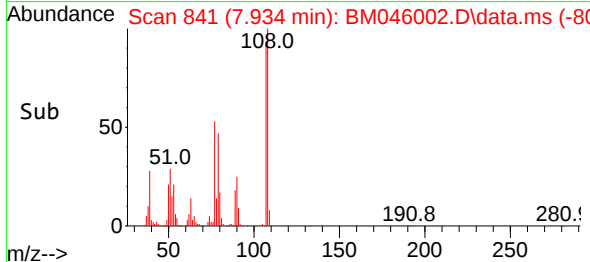
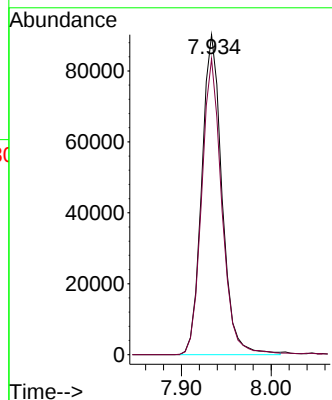
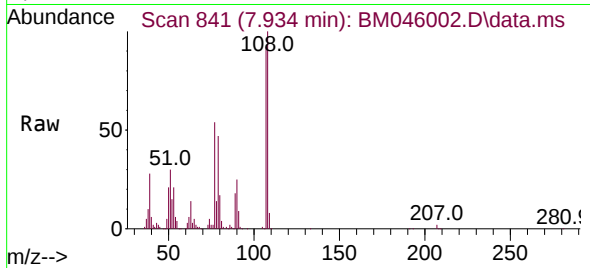




#13
2-Methylphenol
Concen: 21.073 ng/ul
RT: 7.934 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM046002.D
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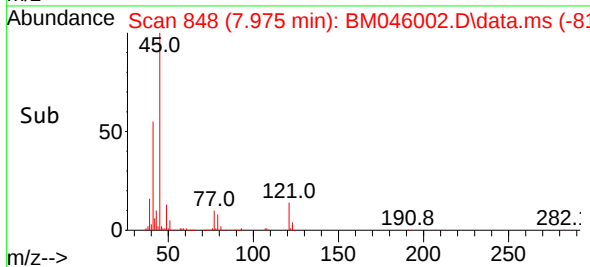
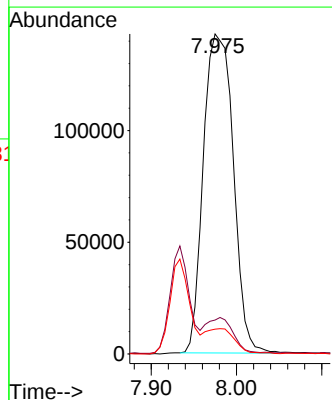
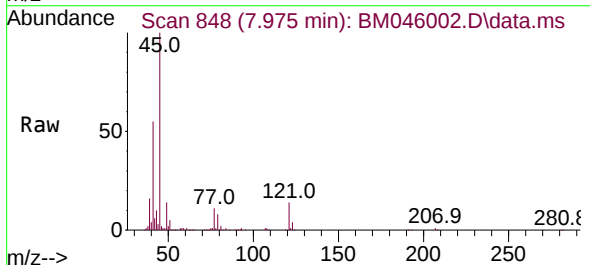
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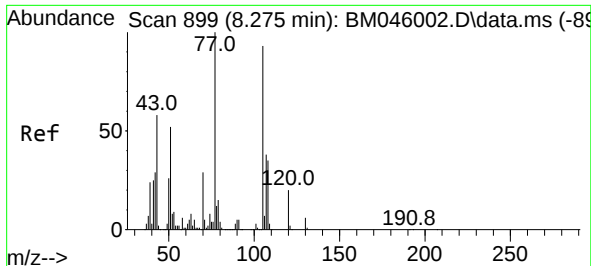
Tgt Ion:108 Resp: 141588
Ion Ratio Lower Upper
108 100
107 92.4 74.8 112.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.117 ng/ul
RT: 7.975 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion: 45 Resp: 348723
Ion Ratio Lower Upper
45 100
77 10.6 8.7 13.1
79 7.7 6.6 10.0

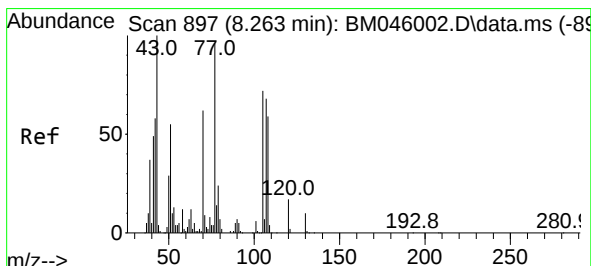
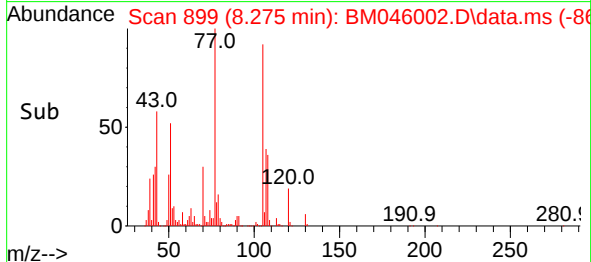
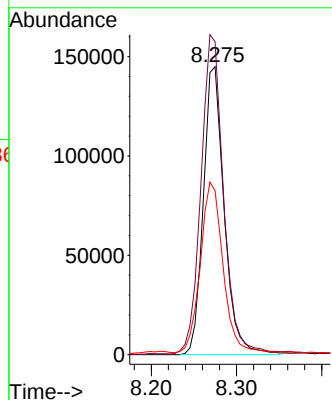
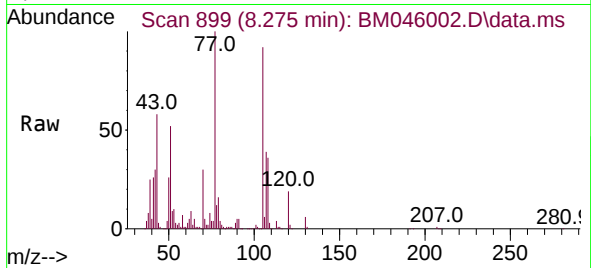




#16
Acetophenone
Concen: 22.131 ng/ul
RT: 8.275 min Scan# 899
Delta R.T. -0.000 min
Lab File: BM046002.D
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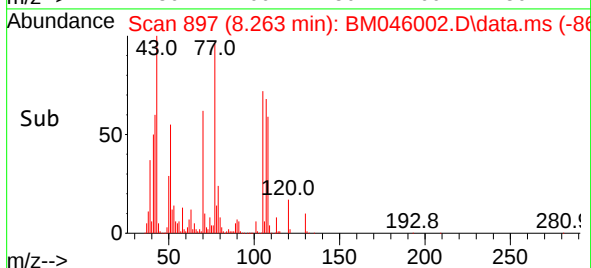
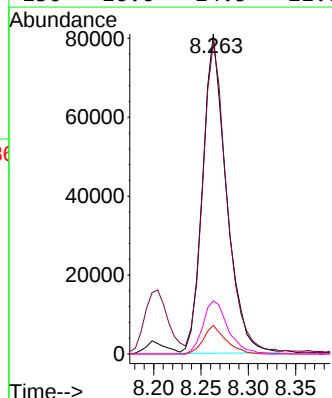
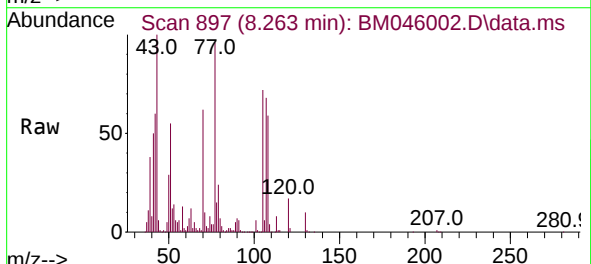
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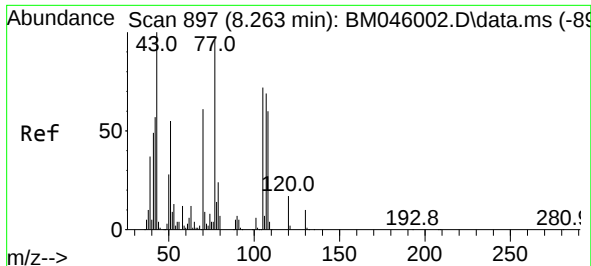
Tgt Ion:105 Resp: 246549
Ion Ratio Lower Upper
105 100
77 108.7 84.7 127.1
51 56.9 39.4 59.0



#17
N-Nitroso-di-n-propylamine
Concen: 22.884 ng/ul
RT: 8.263 min Scan# 897
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion: 70 Resp: 140876
Ion Ratio Lower Upper
70 100
42 97.0 64.6 96.8
101 9.0 7.0 10.4
130 16.6 14.5 21.7

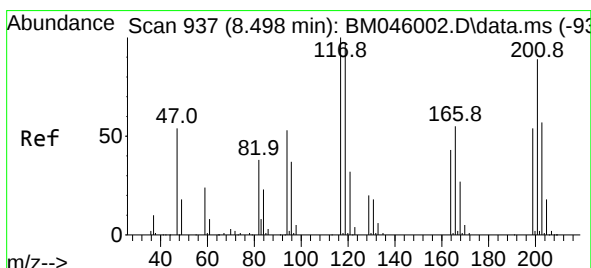
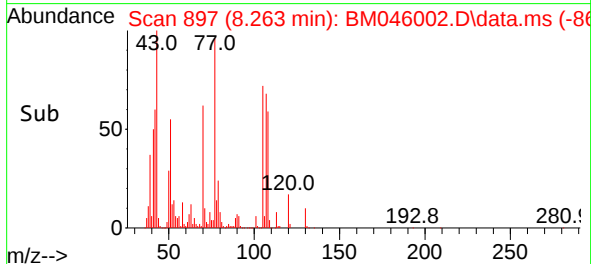
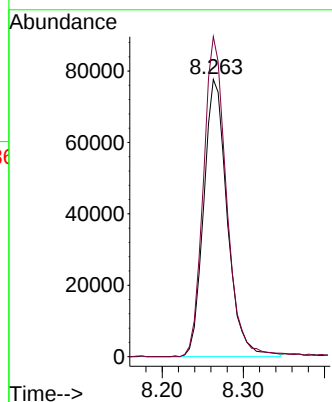
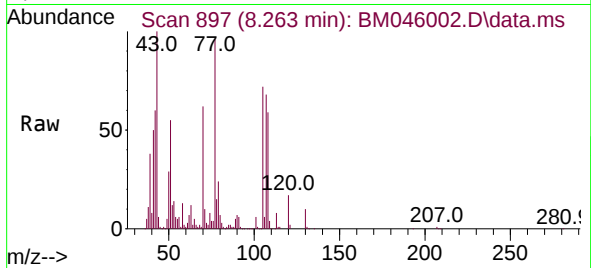




#18
4-Methylphenol
Concen: 22.523 ng/ul
RT: 8.263 min Scan# 897
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

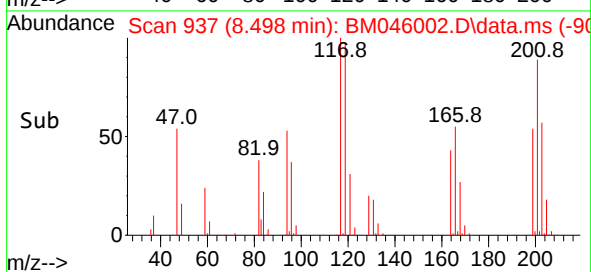
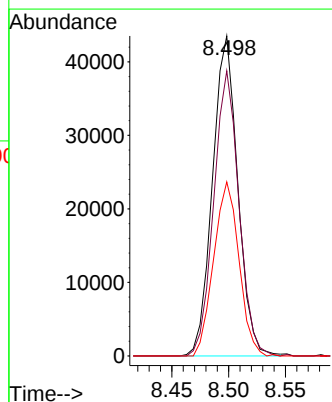
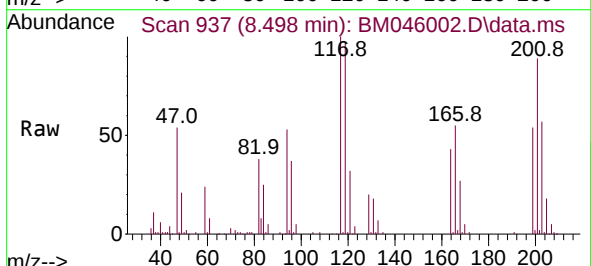
Instrument :
BNA_M
ClientSampleId :
SSTD020118

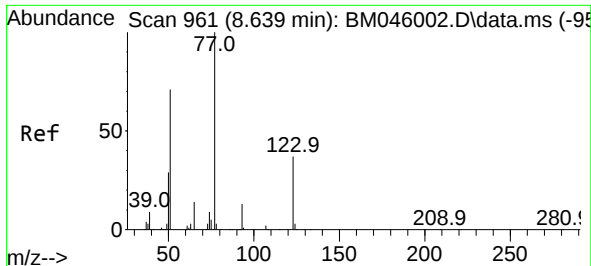
Tgt Ion:108 Resp: 156588
Ion Ratio Lower Upper
108 100
107 115.4 90.6 136.0



#19
Hexachloroethane
Concen: 20.143 ng/ul
RT: 8.498 min Scan# 937
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:117 Resp: 67361
Ion Ratio Lower Upper
117 100
201 90.7 75.0 112.6
199 54.4 45.0 67.4

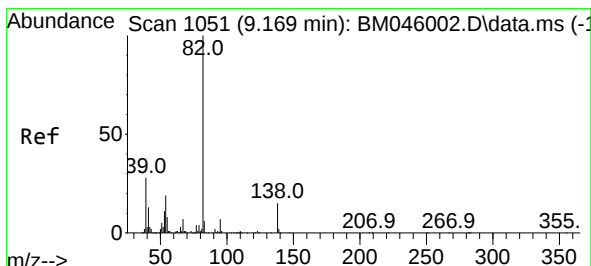
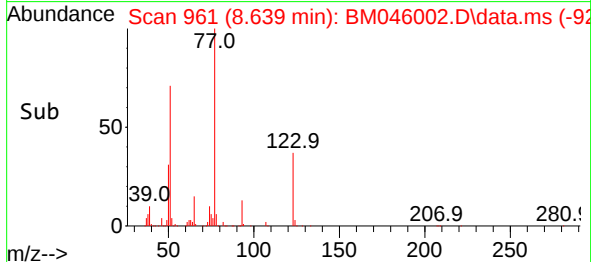
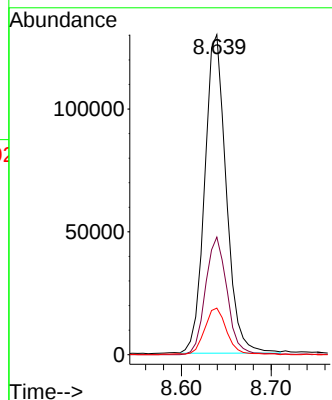
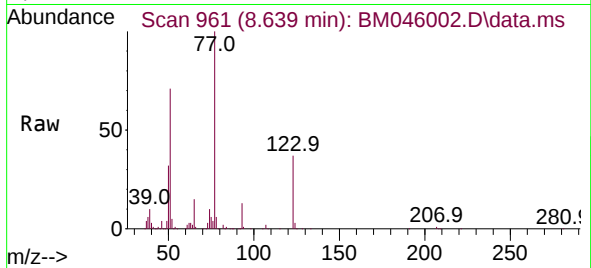




#22
Nitrobenzene
Concen: 20.962 ng/ul
RT: 8.639 min Scan# 961
Delta R.T. -0.000 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

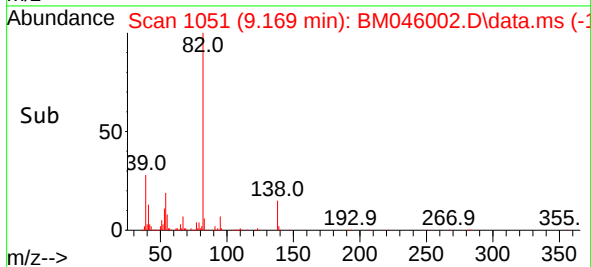
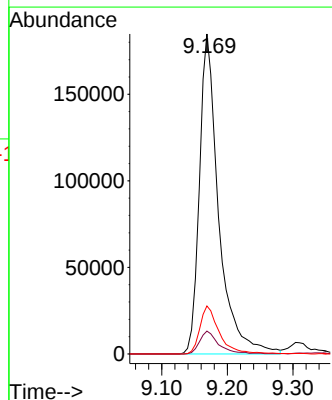
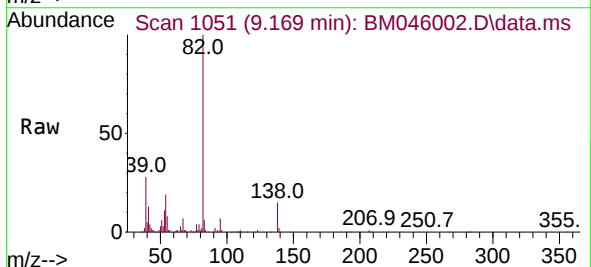
Instrument :
BNA_M
ClientSampleId :
SSTD020118

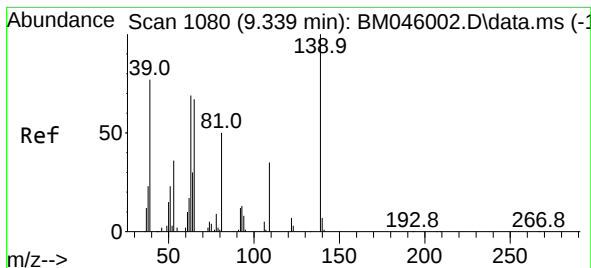
Tgt Ion: 77 Resp: 216336
Ion Ratio Lower Upper
77 100
123 36.8 31.2 46.8
65 14.6 11.8 17.8



#23
Isophorone
Concen: 20.713 ng/ul
RT: 9.169 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion: 82 Resp: 377716
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 15.0 12.6 18.8





#25

2-Nitrophenol

Concen: 19.918 ng/ul

RT: 9.339 min Scan# 1080

Delta R.T. -0.000 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

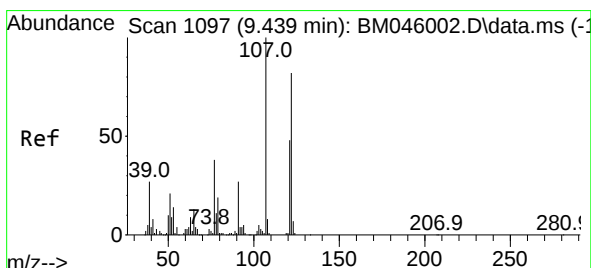
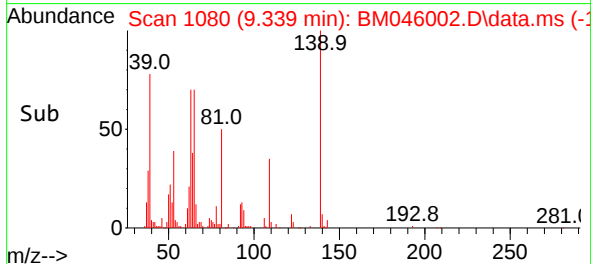
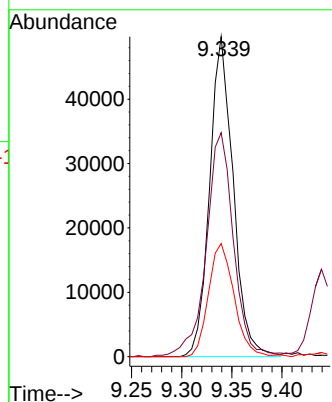
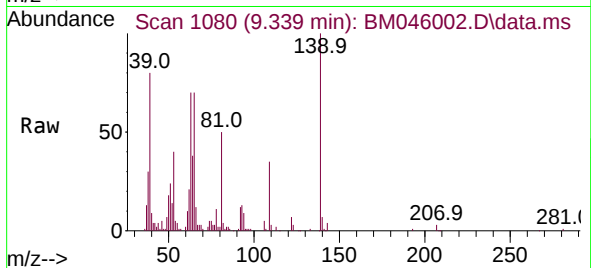
Tgt Ion:139 Resp: 81262

Ion Ratio Lower Upper

139 100

65 70.0 55.8 83.8

109 35.4 29.6 44.4



#26

2,4-Dimethylphenol

Concen: 20.566 ng/ul

RT: 9.439 min Scan# 1097

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

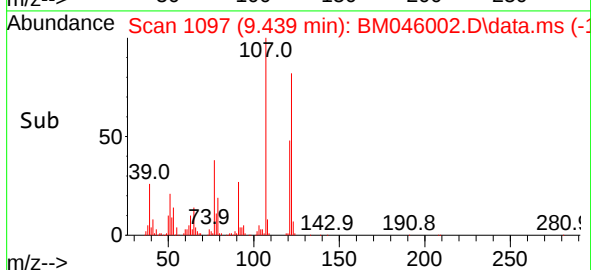
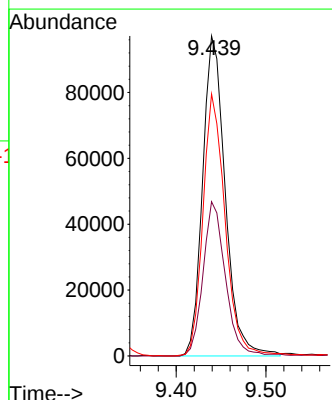
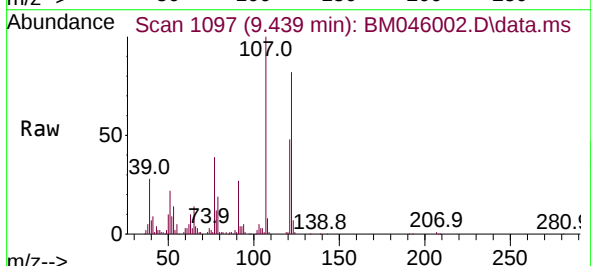
Tgt Ion:107 Resp: 170216

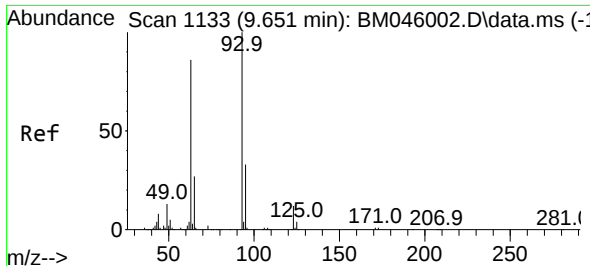
Ion Ratio Lower Upper

107 100

121 48.2 37.4 56.0

122 81.9 63.1 94.7



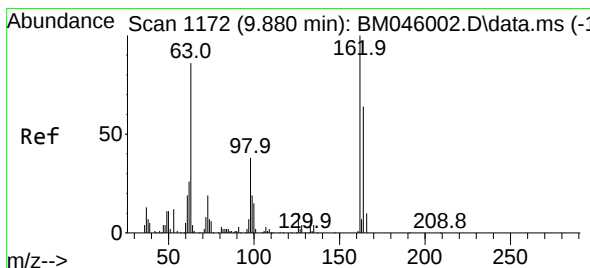
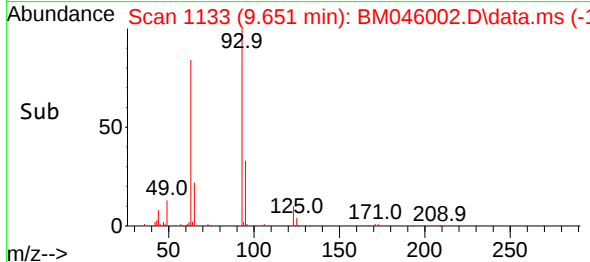
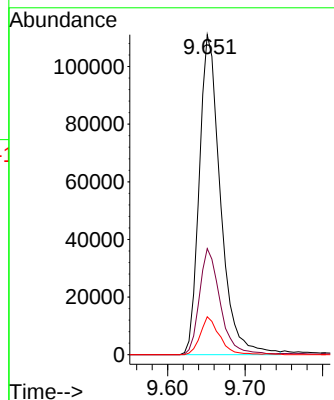
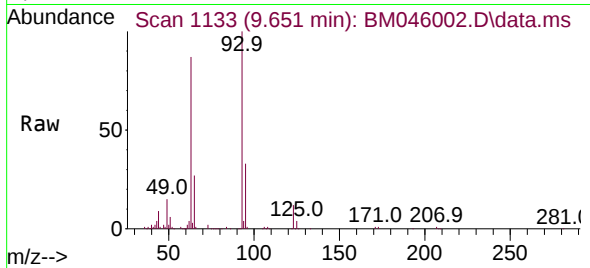


#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.064 ng/ul
 RT: 9.651 min Scan# 1133
 Delta R.T. -0.006 min
 Lab File: BM046002.D
 Acq: 12 Jun 2024 18:40

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020118

Tgt Ion: 93 Resp: 211066

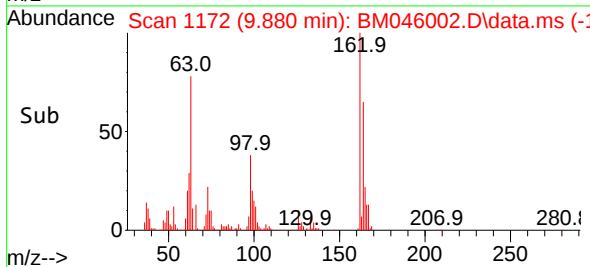
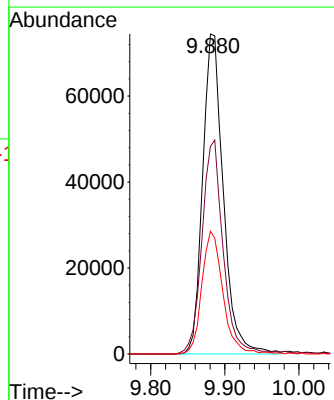
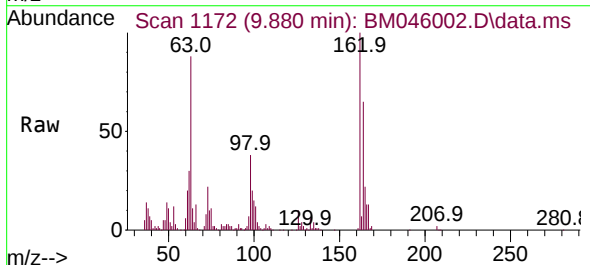
Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.6	38.4
123	11.9	8.6	13.0

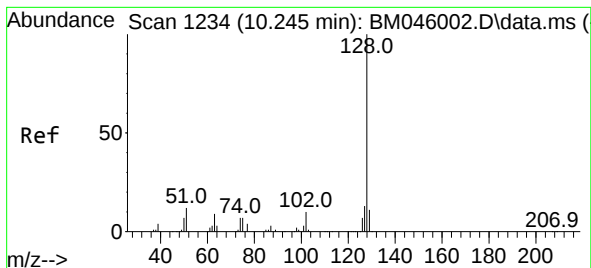


#29
 2,4-Dichlorophenol
 Concen: 20.692 ng/ul
 RT: 9.880 min Scan# 1172
 Delta R.T. -0.006 min
 Lab File: BM046002.D
 Acq: 12 Jun 2024 18:40

Tgt Ion: 162 Resp: 144282

Ion	Ratio	Lower	Upper
162	100		
164	64.9	51.5	77.3
98	38.3	29.0	43.6

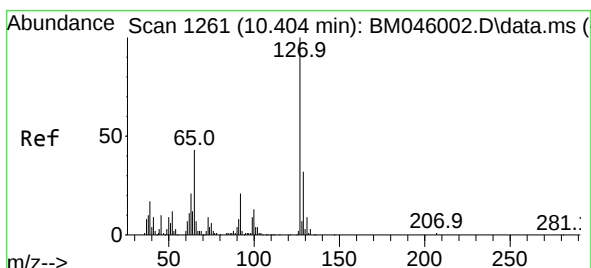
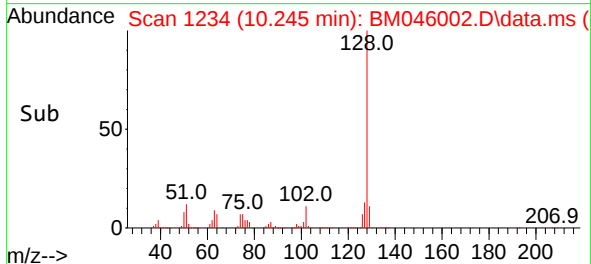
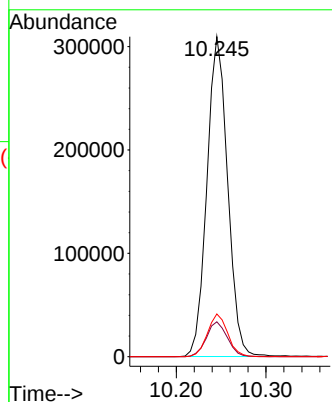
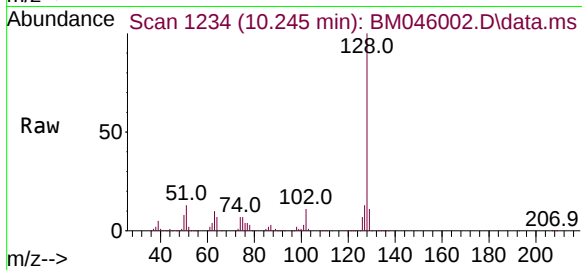




#30
Naphthalene
Concen: 19.730 ng/ul
RT: 10.245 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

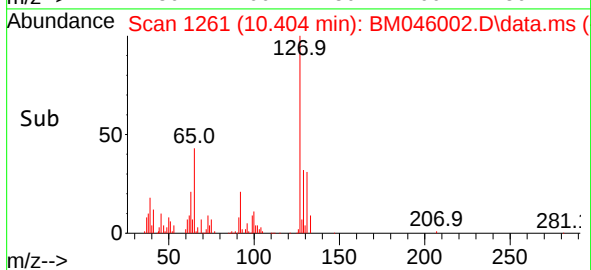
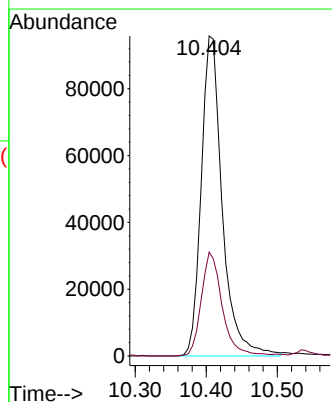
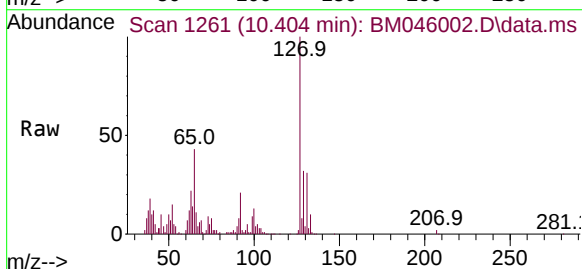
Instrument :
BNA_M
ClientSampleId :
SSTD020118

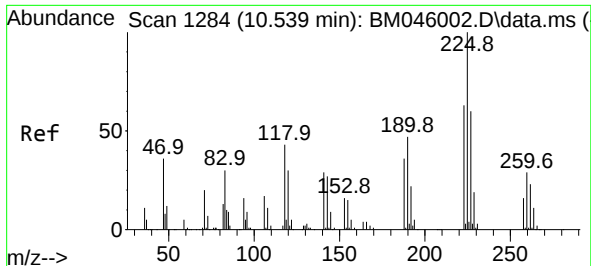
Tgt Ion:128 Resp: 496223
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.3 10.3 15.5



#32
4-Chloroaniline
Concen: 20.871 ng/ul
RT: 10.404 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:127 Resp: 197609
Ion Ratio Lower Upper
127 100
129 32.5 24.6 37.0

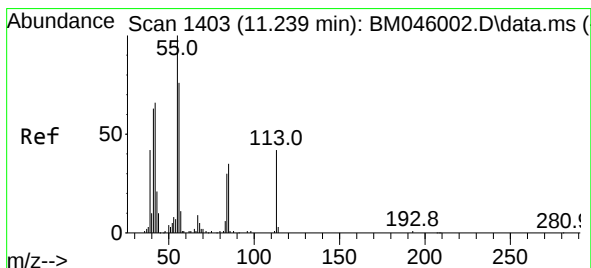
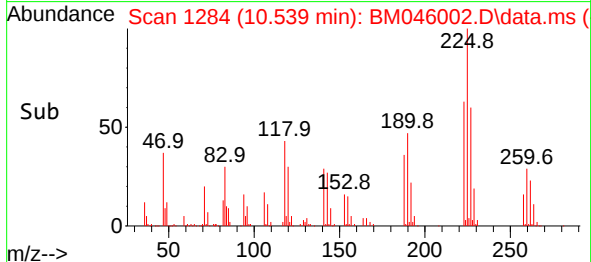
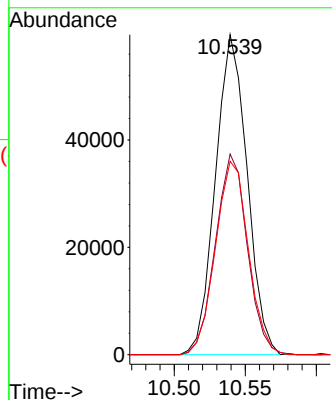
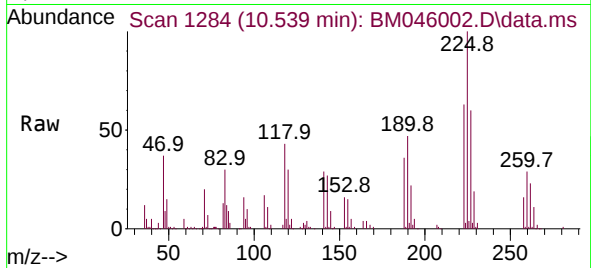




#33
Hexachlorobutadiene
Concen: 19.367 ng/ul
RT: 10.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

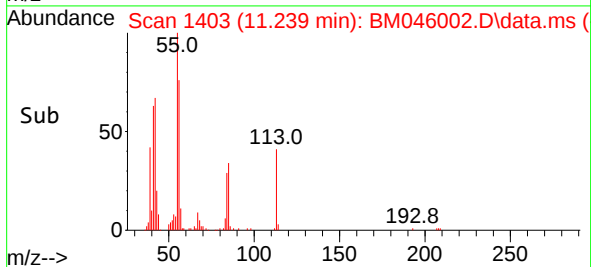
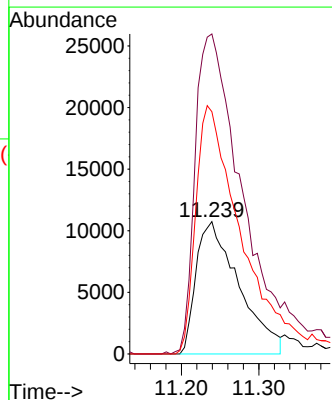
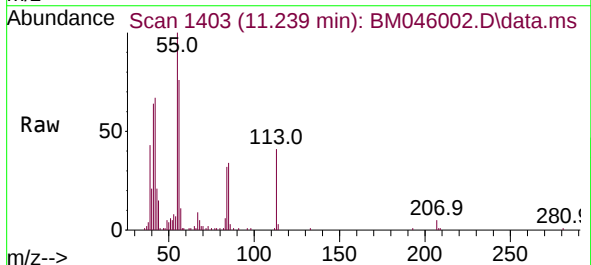
Instrument :
BNA_M
ClientSampleId :
SSTD020118

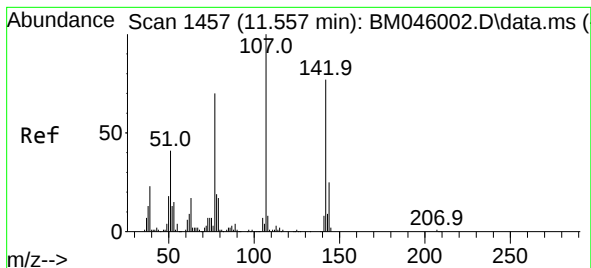
Tgt Ion:225 Resp: 92509
Ion Ratio Lower Upper
225 100
223 62.7 49.4 74.0
227 57.9 51.1 76.7



#34
Caprolactam
Concen: 21.022 ng/ul
RT: 11.239 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:113 Resp: 41285
Ion Ratio Lower Upper
113 100
55 241.9 179.5 269.3
56 183.1 130.1 195.1

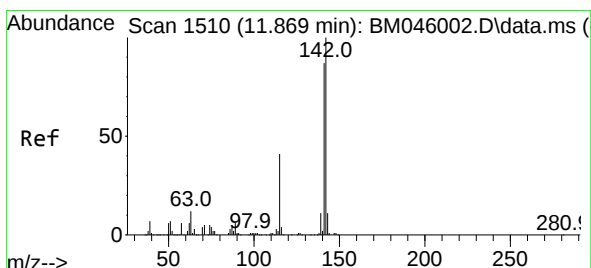
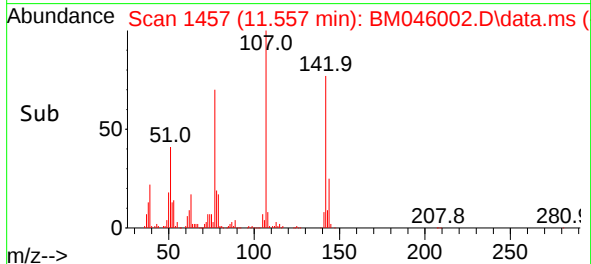
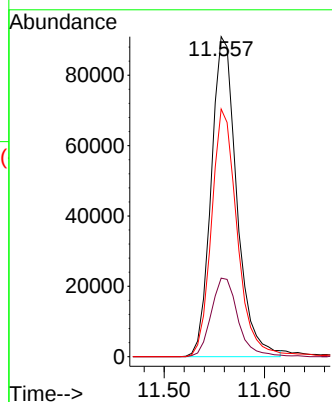
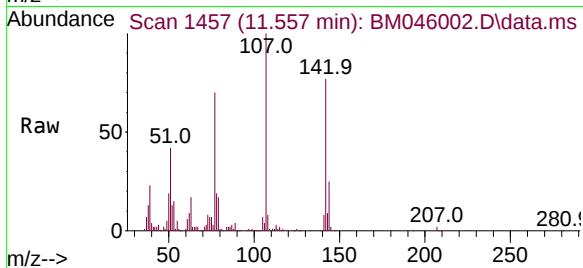




#35
4-Chloro-3-methylphenol
Concen: 21.364 ng/ul
RT: 11.557 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

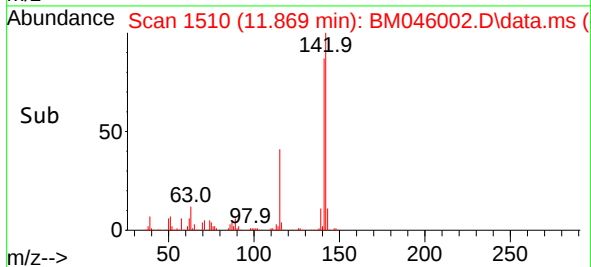
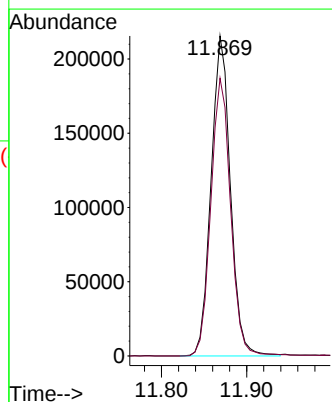
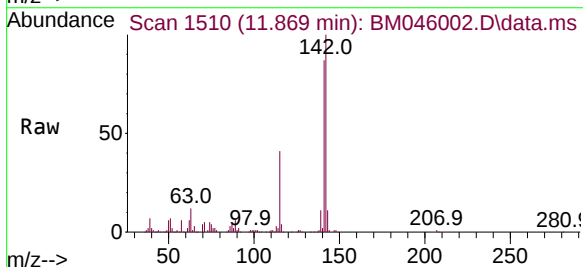
Instrument :
BNA_M
ClientSampleId :
SSTD020118

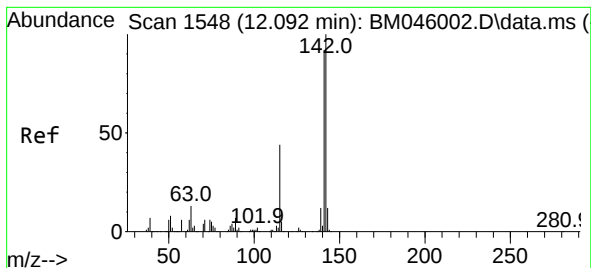
Tgt Ion:107 Resp: 161616
Ion Ratio Lower Upper
107 100
144 24.5 20.1 30.1
142 77.4 61.4 92.0



#36
2-Methylnaphthalene
Concen: 20.420 ng/ul
RT: 11.869 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:142 Resp: 340126
Ion Ratio Lower Upper
142 100
141 86.8 71.1 106.7





#37

1-Methylnaphthalene

Concen: 20.653 ng/ul

RT: 12.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

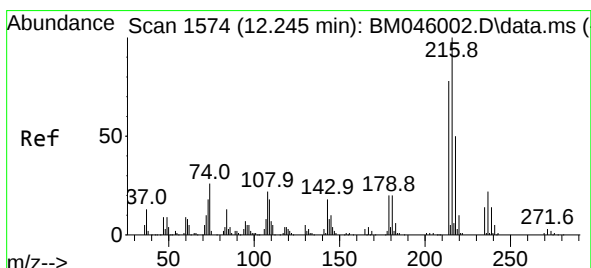
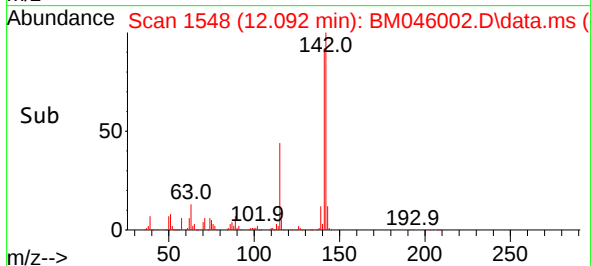
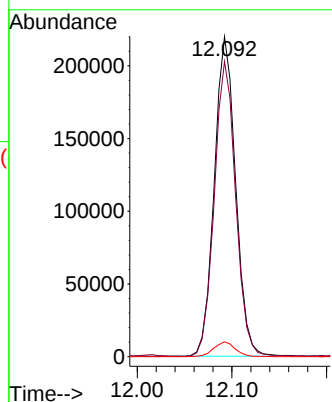
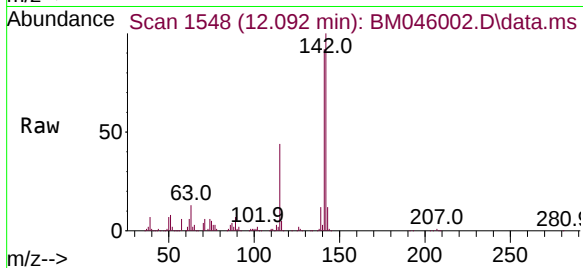
Tgt Ion:142 Resp: 343940

Ion Ratio Lower Upper

142 100

141 92.3 73.5 110.3

116 4.6 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.092 ng/ul

RT: 12.245 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Tgt Ion:216 Resp: 179966

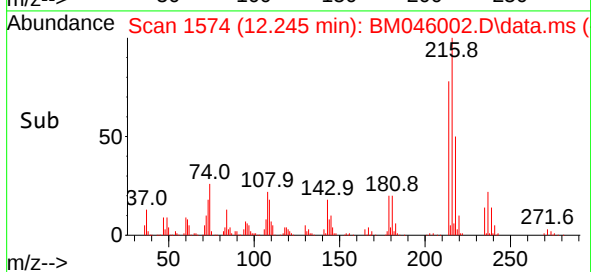
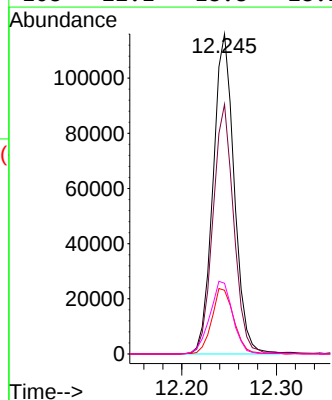
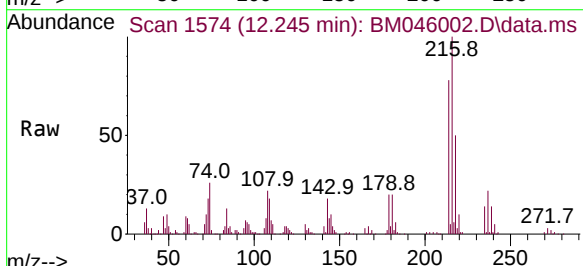
Ion Ratio Lower Upper

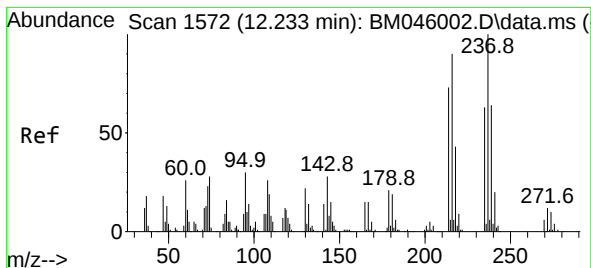
216 100

214 78.0 61.3 91.9

179 19.9 17.1 25.7

108 22.1 18.8 28.2





#40

Hexachlorocyclopentadiene

Concen: 18.734 ng/ul

RT: 12.233 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

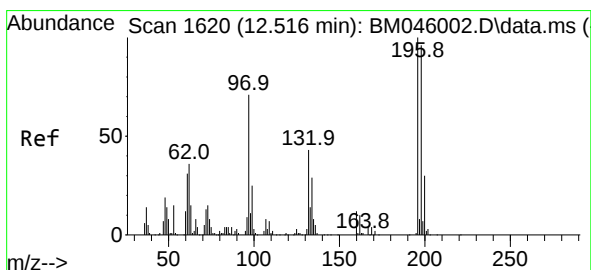
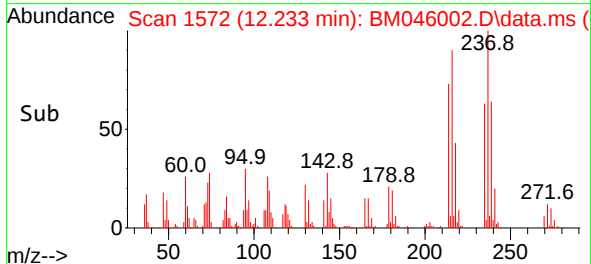
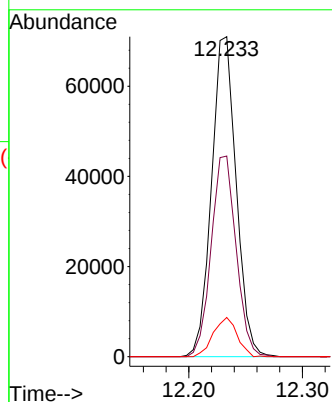
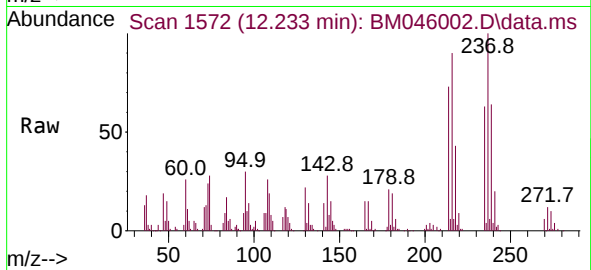
Tgt Ion:237 Resp: 107173

Ion Ratio Lower Upper

237 100

235 62.7 49.2 73.8

272 12.3 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 20.568 ng/ul

RT: 12.516 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

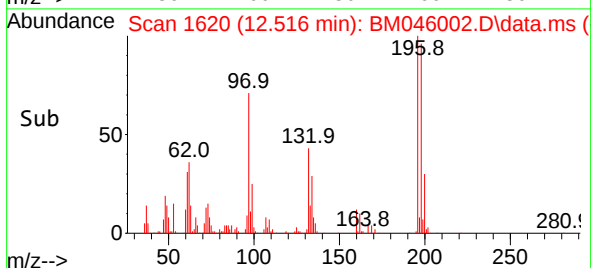
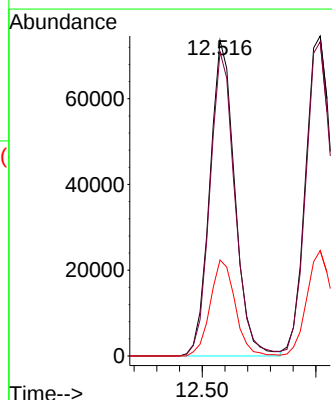
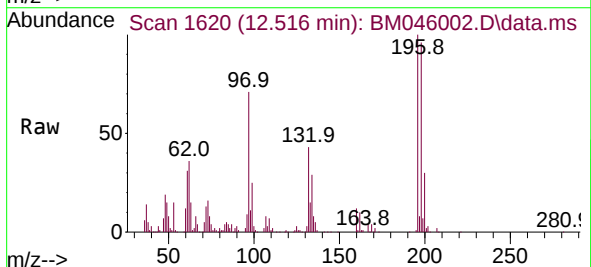
Tgt Ion:196 Resp: 112801

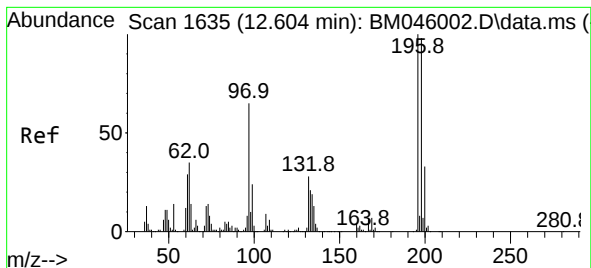
Ion Ratio Lower Upper

196 100

198 96.3 78.2 117.4

200 30.4 26.5 39.7





#42

2,4,5-Trichlorophenol

Concen: 20.342 ng/ul

RT: 12.604 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

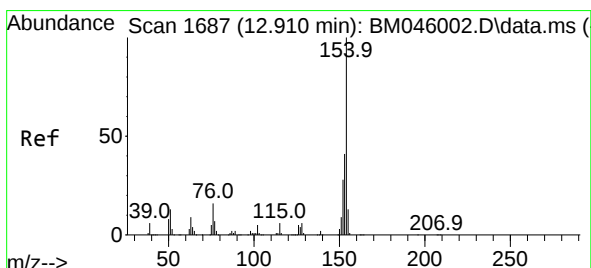
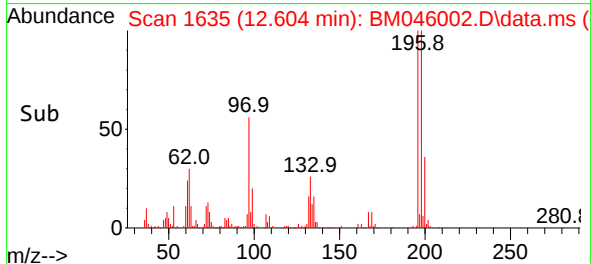
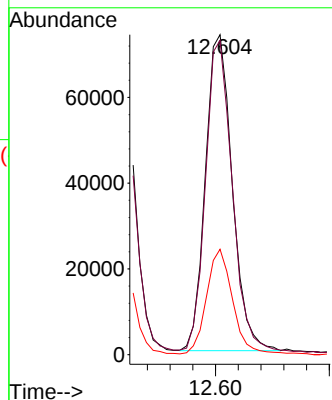
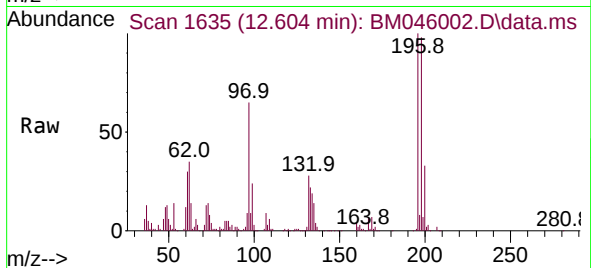
Tgt Ion:196 Resp: 121060

Ion Ratio Lower Upper

196 100

198 98.2 77.6 116.4

200 32.9 25.0 37.6



#43

1,1'-Biphenyl

Concen: 19.021 ng/ul

RT: 12.910 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

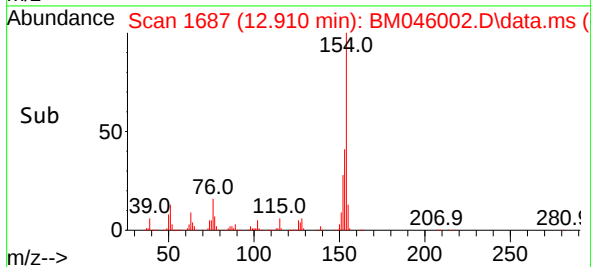
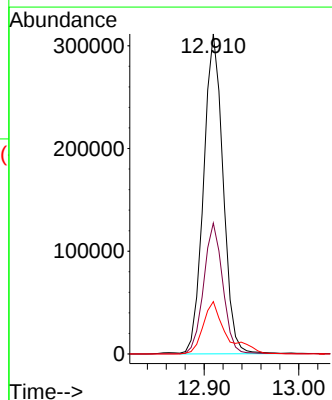
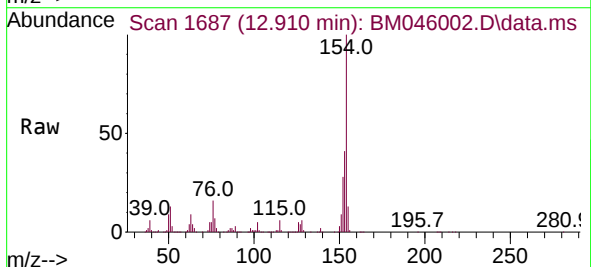
Tgt Ion:154 Resp: 444152

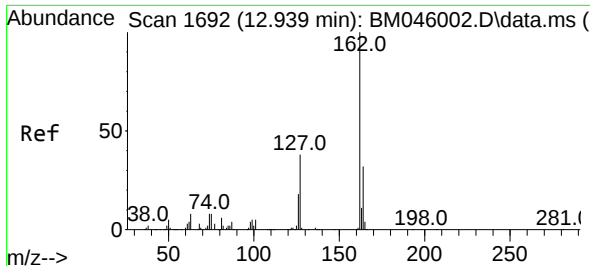
Ion Ratio Lower Upper

154 100

153 40.9 31.6 47.4

76 16.4 11.4 17.2

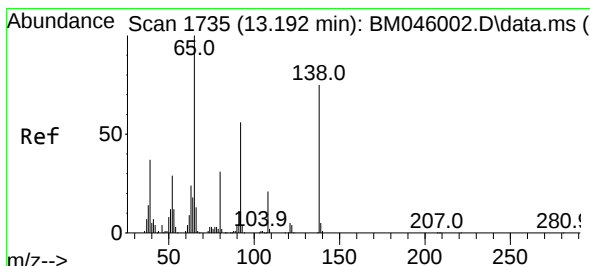
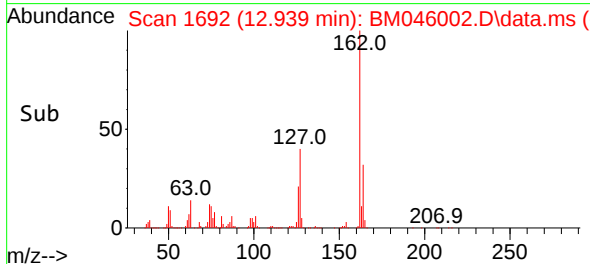
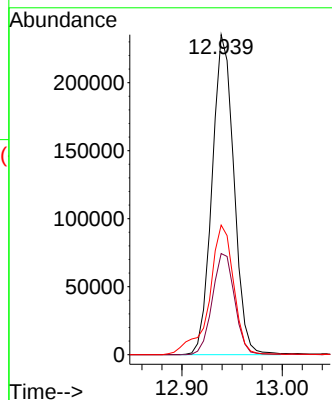
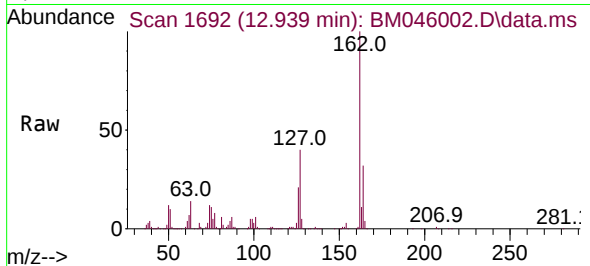




#44
2-Chloronaphthalene
Concen: 19.443 ng/ul
RT: 12.939 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

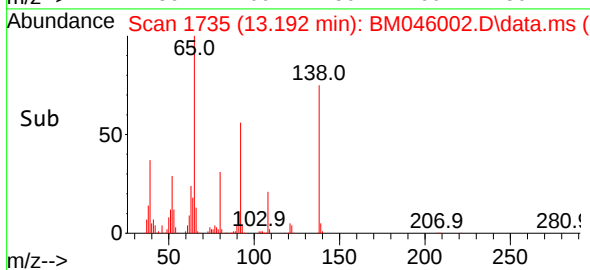
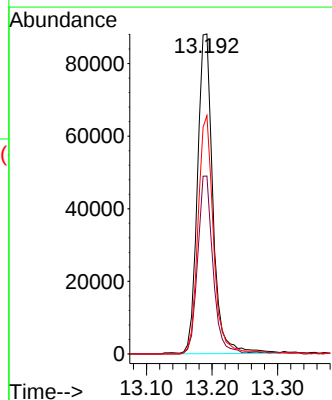
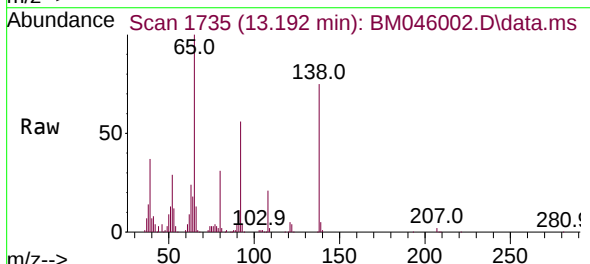
Instrument :
BNA_M
ClientSampleId :
SSTD020118

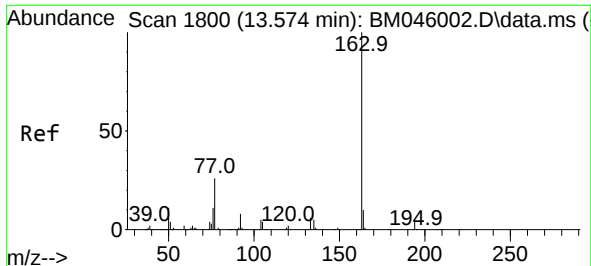
Tgt Ion:162 Resp: 355775
Ion Ratio Lower Upper
162 100
164 31.6 26.2 39.4
127 40.5 31.9 47.9



#45
2-Nitroaniline
Concen: 23.185 ng/ul
RT: 13.192 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion: 65 Resp: 144874
Ion Ratio Lower Upper
65 100
92 55.6 48.4 72.6
138 74.5 66.3 99.5

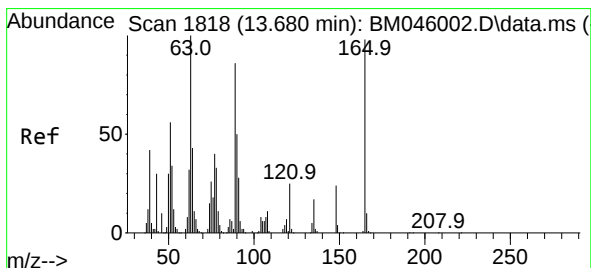
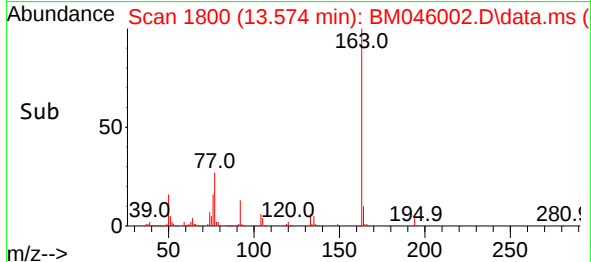
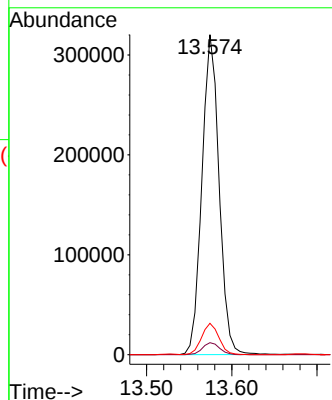
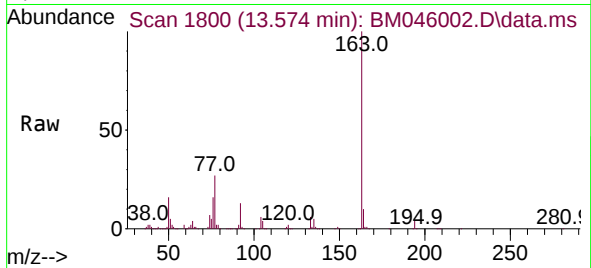




#47
Dimethylphthalate
Concen: 20.271 ng/ul
RT: 13.574 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

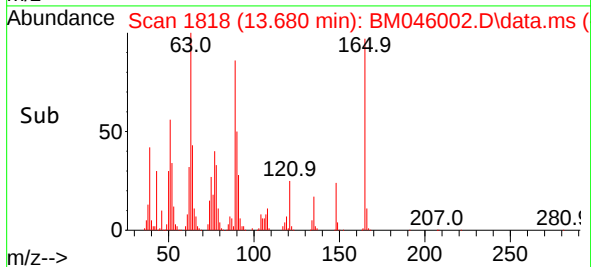
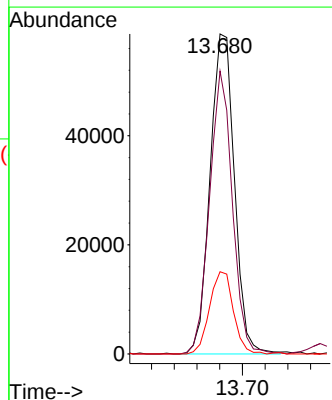
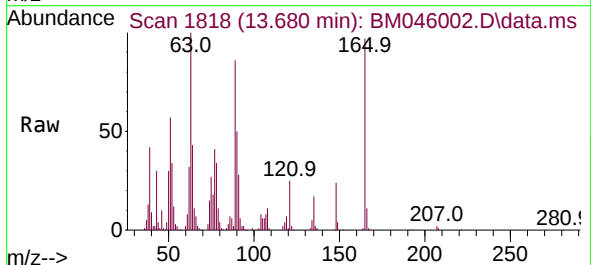
Instrument :
BNA_M
ClientSampleId :
SSTD020118

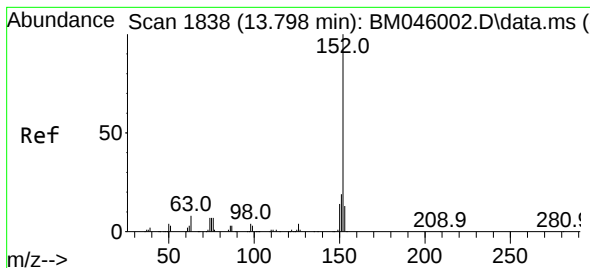
Tgt Ion:163 Resp: 448494
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.8 7.8 11.6



#48
2,6-Dinitrotoluene
Concen: 20.549 ng/ul
RT: 13.680 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:165 Resp: 87461
Ion Ratio Lower Upper
165 100
89 88.4 55.7 83.5#
121 25.7 17.8 26.8





#50

Acenaphthylene

Concen: 20.522 ng/ul

RT: 13.798 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

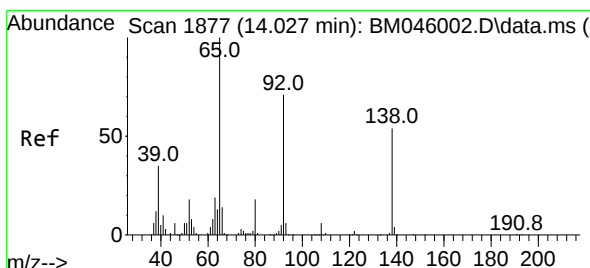
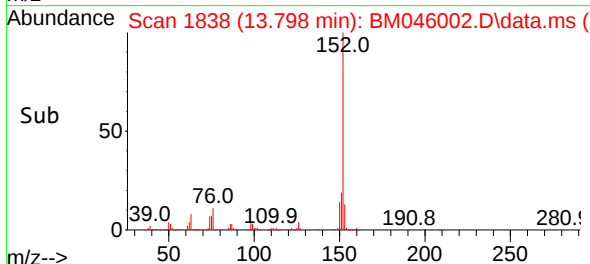
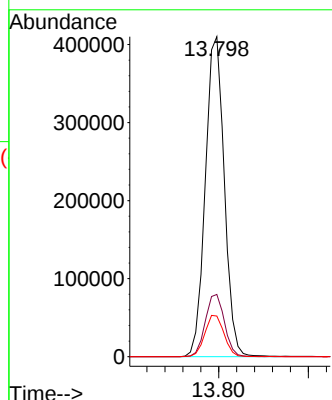
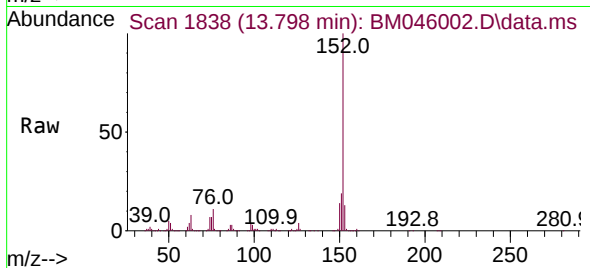
Tgt Ion:152 Resp: 600971

Ion Ratio Lower Upper

152 100

151 19.4 15.6 23.4

153 12.7 10.4 15.6



#51

3-Nitroaniline

Concen: 22.626 ng/ul

RT: 14.027 min Scan# 1877

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

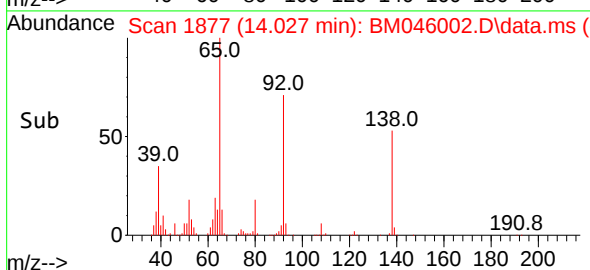
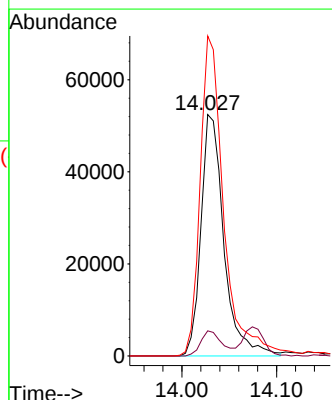
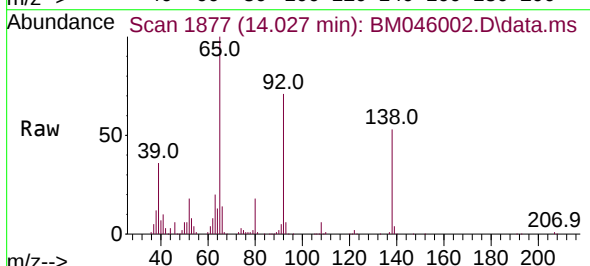
Tgt Ion:138 Resp: 88430

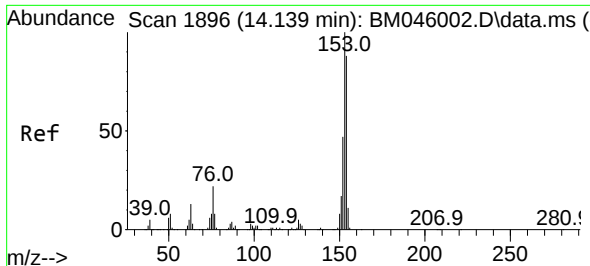
Ion Ratio Lower Upper

138 100

108 10.4 7.9 11.9

92 132.5 103.1 154.7

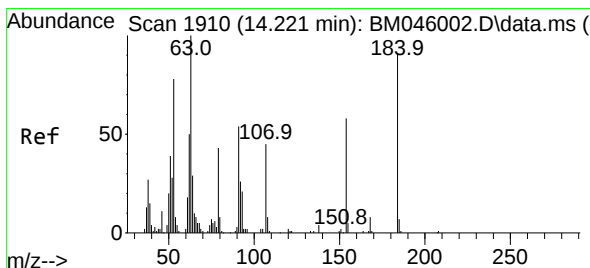
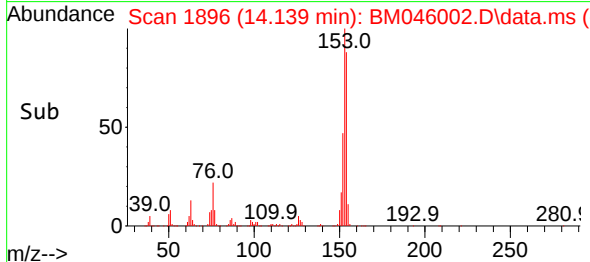
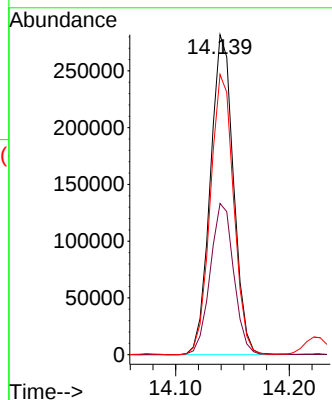
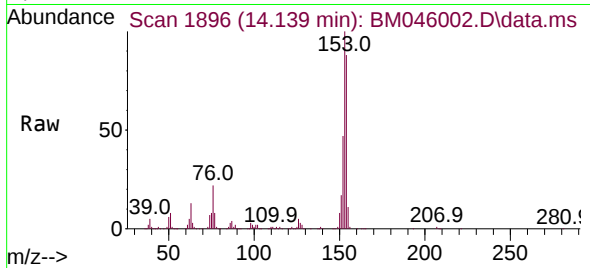




#52
Acenaphthene
Concen: 20.406 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

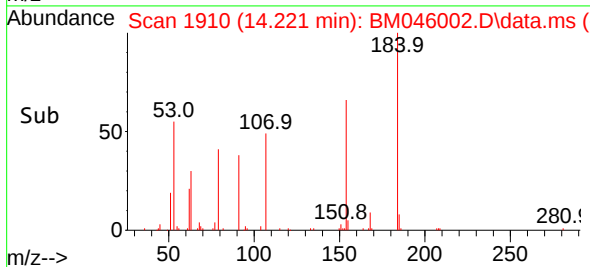
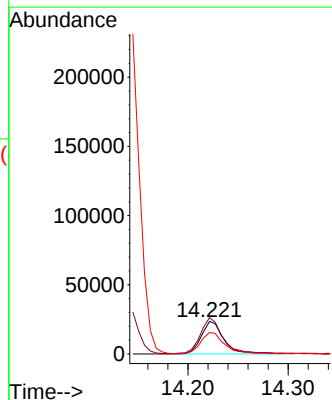
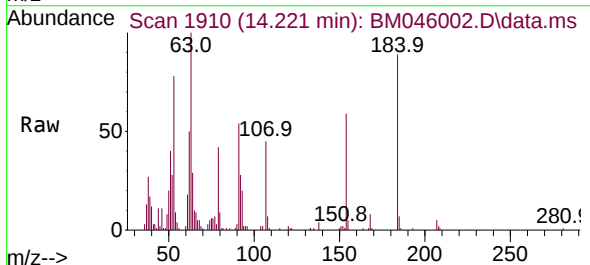
Instrument :
BNA_M
ClientSampleId :
SSTD020118

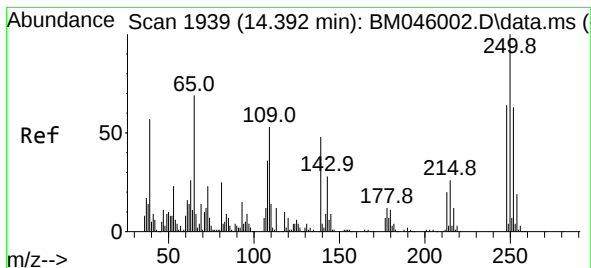
Tgt Ion:153 Resp: 398776
Ion Ratio Lower Upper
153 100
152 47.3 38.6 58.0
154 87.5 70.7 106.1



#53
2,4-Dinitrophenol
Concen: 19.013 ng/ul
RT: 14.221 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:184 Resp: 36846
Ion Ratio Lower Upper
184 100
63 111.9 76.4 114.6
154 66.2 52.9 79.3

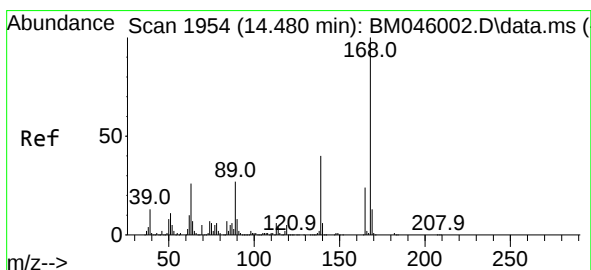
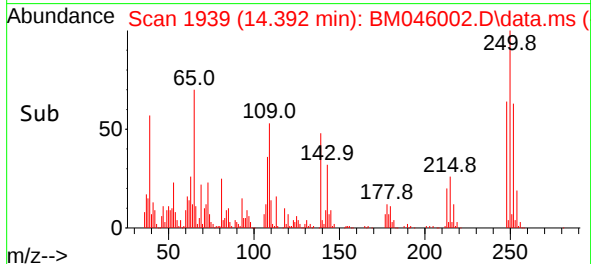
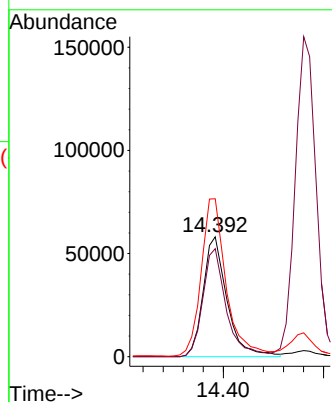
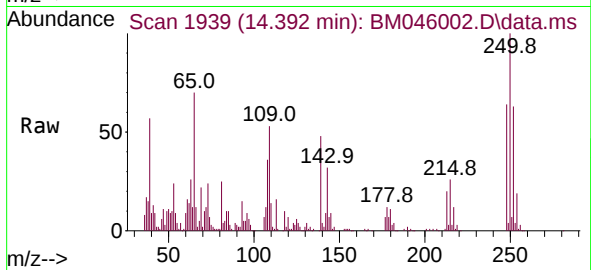




#55
4-Nitrophenol
Concen: 24.824 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

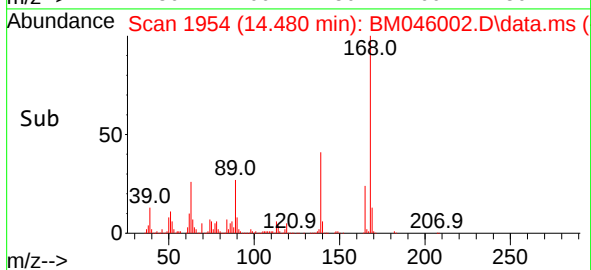
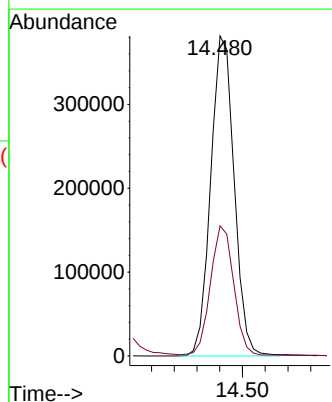
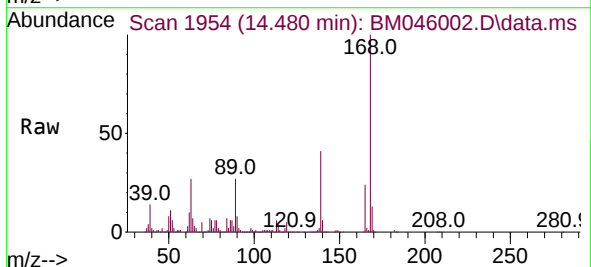
Instrument :
BNA_M
ClientSampleId :
SSTD020118

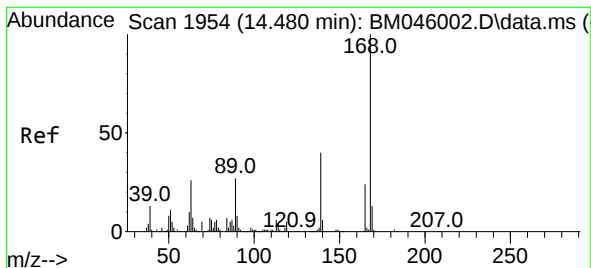
Tgt Ion:109 Resp: 96308
Ion Ratio Lower Upper
109 100
139 90.1 79.0 118.6
65 131.9 104.3 156.5



#56
Dibenzofuran
Concen: 20.739 ng/ul
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:168 Resp: 546523
Ion Ratio Lower Upper
168 100
139 40.7 32.2 48.2

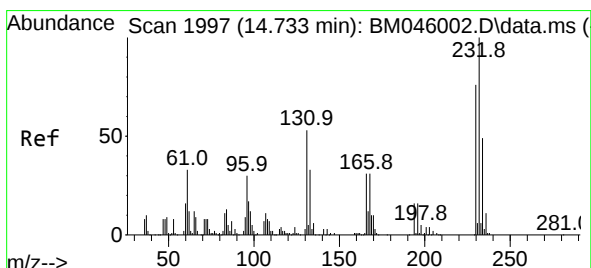
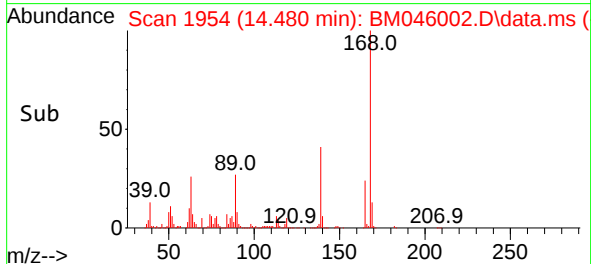
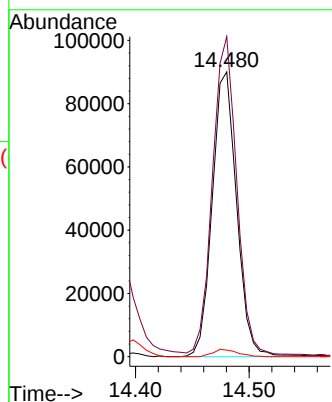
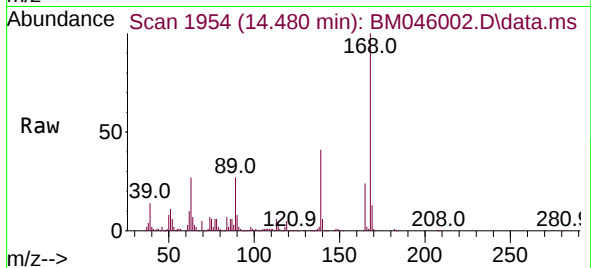




#57
2,4-Dinitrotoluene
Concen: 22.791 ng/ul
RT: 14.480 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

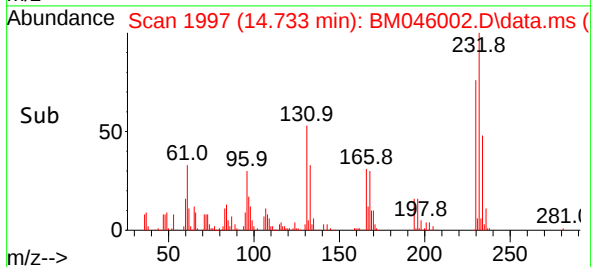
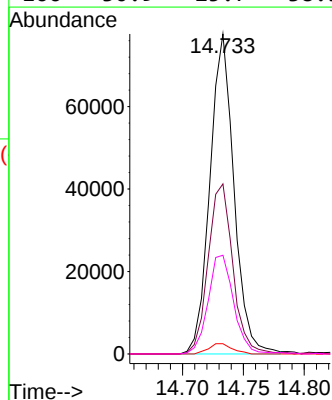
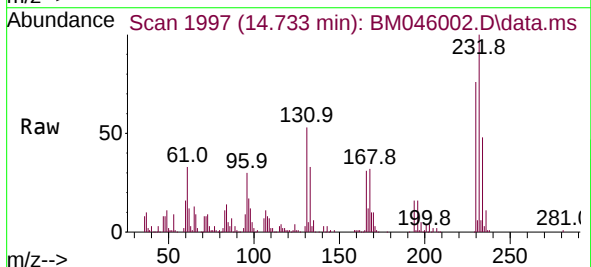
Instrument :
BNA_M
ClientSampleId :
SSTD020118

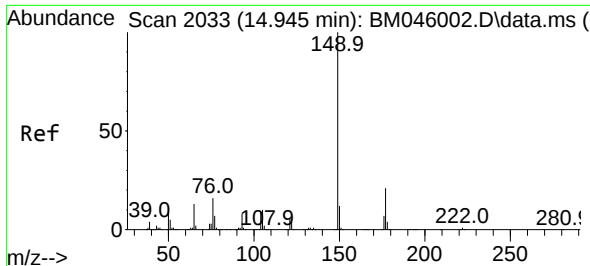
Tgt Ion:165 Resp: 134204
Ion Ratio Lower Upper
165 100
63 112.3 61.9 92.9#
182 2.3 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.725 ng/ul
RT: 14.733 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:232 Resp: 106682
Ion Ratio Lower Upper
232 100
131 53.2 39.0 58.6
130 3.2 2.2 3.4
166 30.9 25.7 38.5

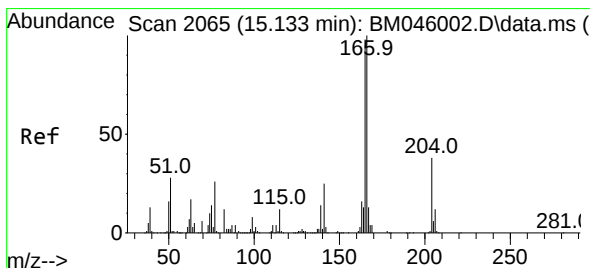
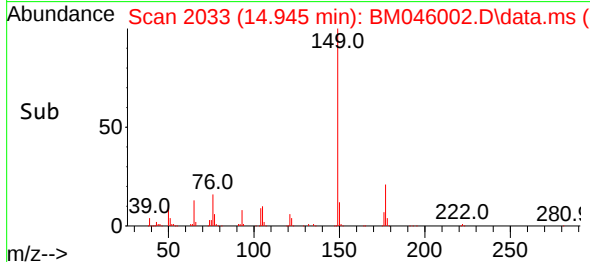
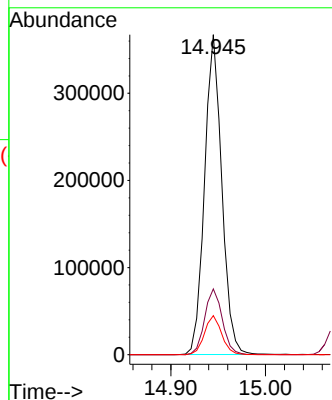
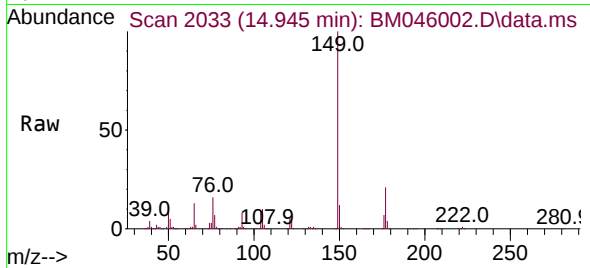




#59
Diethylphthalate
Concen: 20.872 ng/ul
RT: 14.945 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

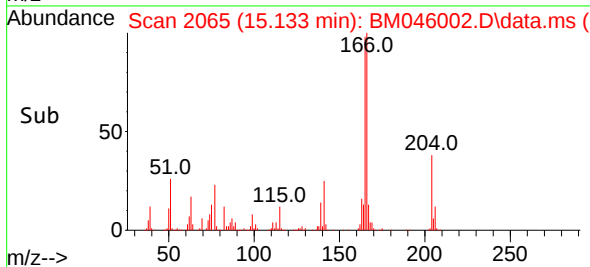
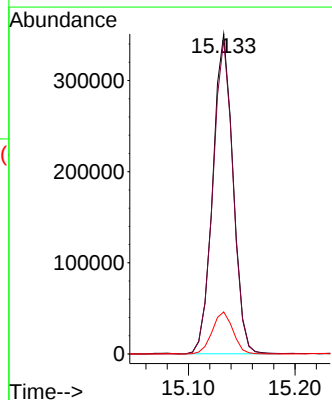
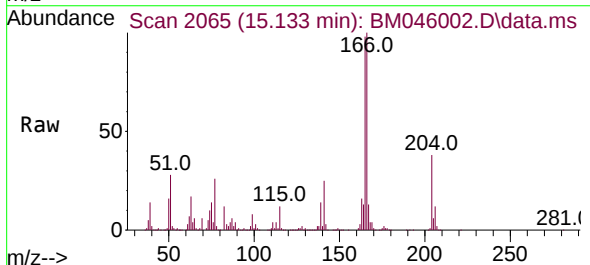
Instrument :
BNA_M
ClientSampleId :
SSTD020118

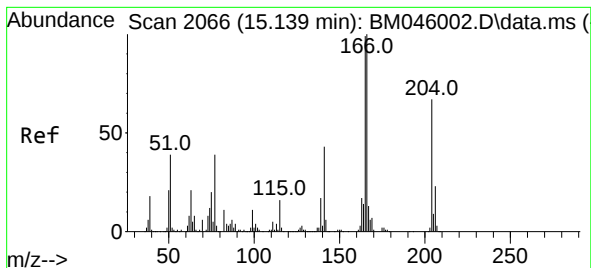
Tgt Ion:149 Resp: 462388
Ion Ratio Lower Upper
149 100
177 20.6 17.1 25.7
150 12.2 9.6 14.4



#61
Fluorene
Concen: 21.752 ng/ul
RT: 15.133 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:166 Resp: 461861
Ion Ratio Lower Upper
166 100
165 98.2 78.1 117.1
167 13.1 10.6 16.0

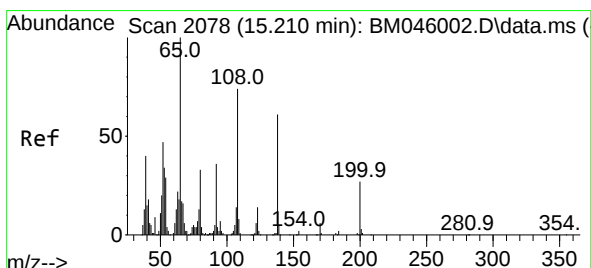
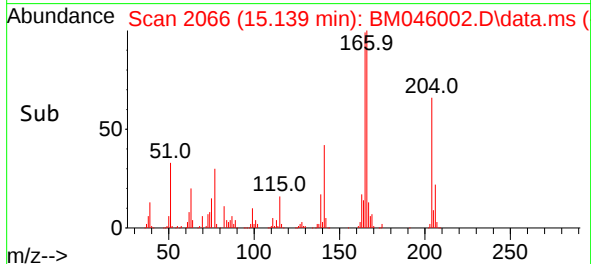
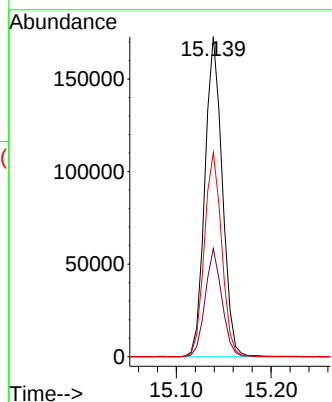
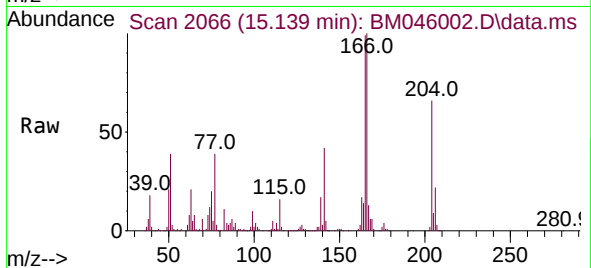




#62
4-Chlorophenyl-phenylether
Concen: 20.830 ng/ul
RT: 15.139 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

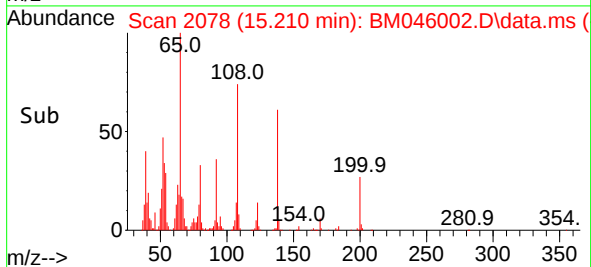
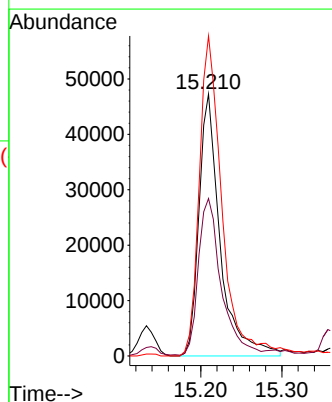
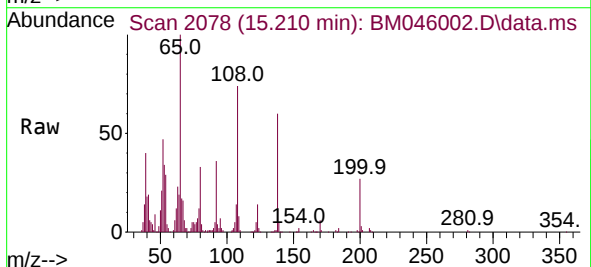
Instrument :
BNA_M
ClientSampleId :
SSTD020118

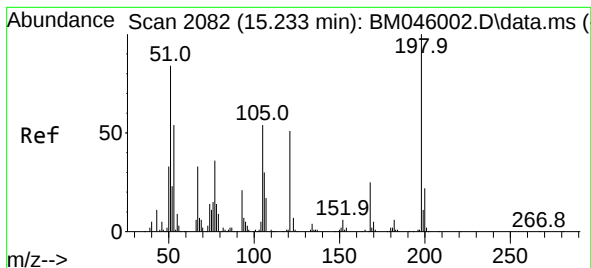
Tgt Ion:204 Resp: 219535
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 63.9 50.2 75.2



#63
4-Nitroaniline
Concen: 26.524 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:138 Resp: 86079
Ion Ratio Lower Upper
138 100
92 60.1 47.2 70.8
108 122.2 97.4 146.0

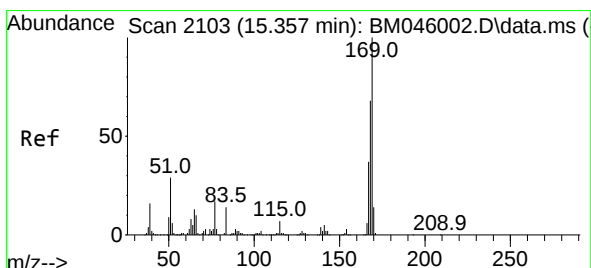
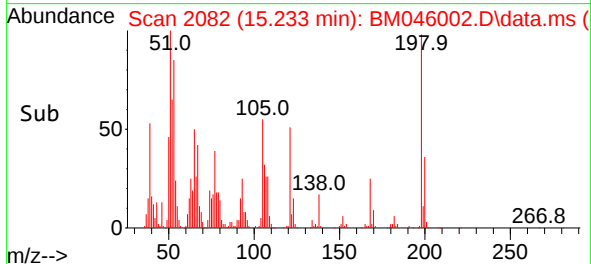
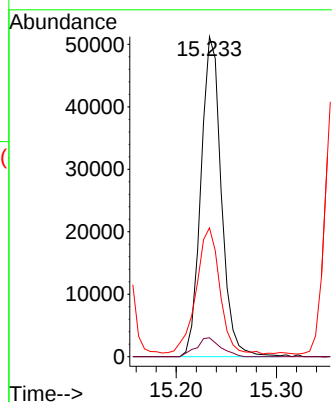
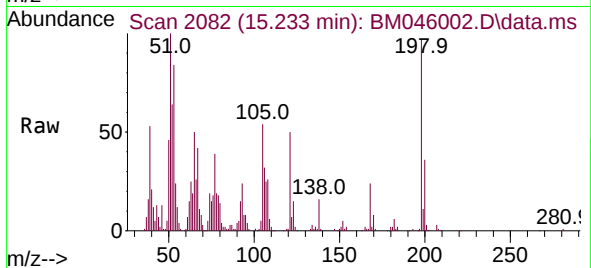




#66
4,6-Dinitro-2-methylphenol
Concen: 18.866 ng/ul
RT: 15.233 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

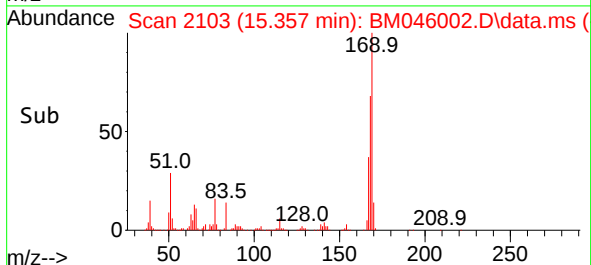
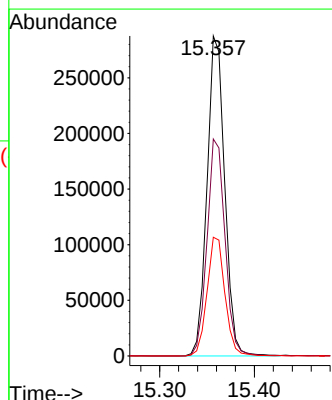
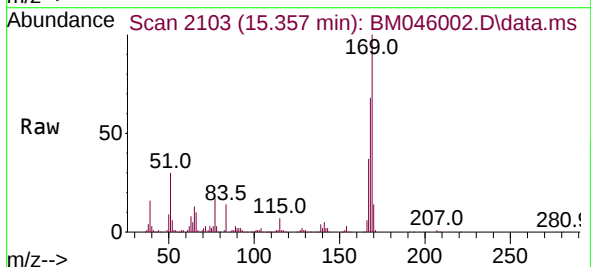
Instrument :
BNA_M
ClientSampleId :
SSTD020118

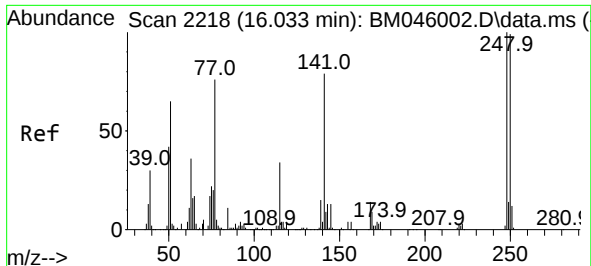
Tgt Ion:198 Resp: 72714
Ion Ratio Lower Upper
198 100
182 5.9 3.4 5.0#
77 40.3 24.7 37.1#



#67
N-Nitrosodiphenylamine
Concen: 19.093 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:169 Resp: 372085
Ion Ratio Lower Upper
169 100
168 67.8 53.6 80.4
167 37.1 30.4 45.6

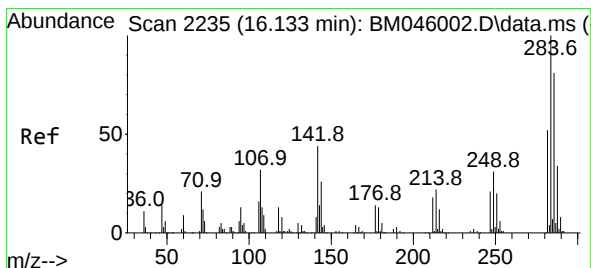
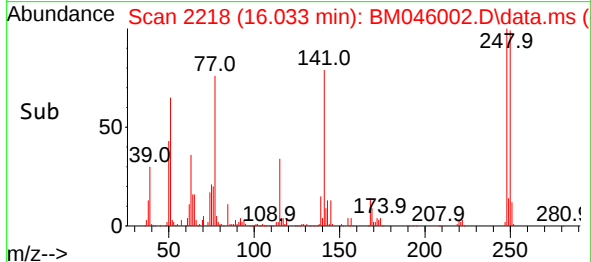
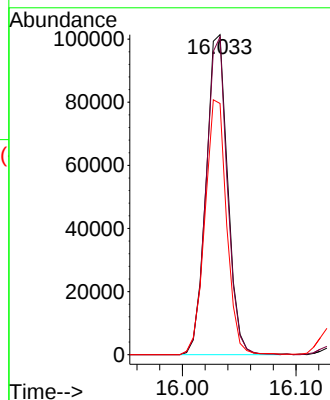
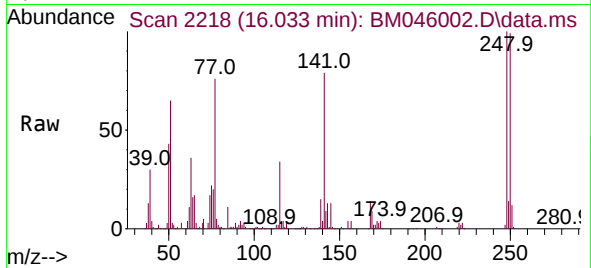




#68
4-Bromophenyl-phenylether
Concen: 18.679 ng/ul
RT: 16.033 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

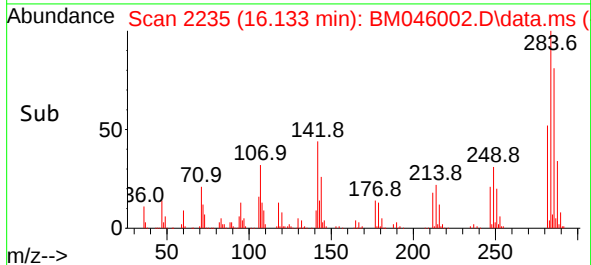
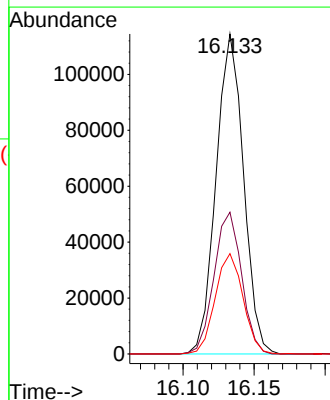
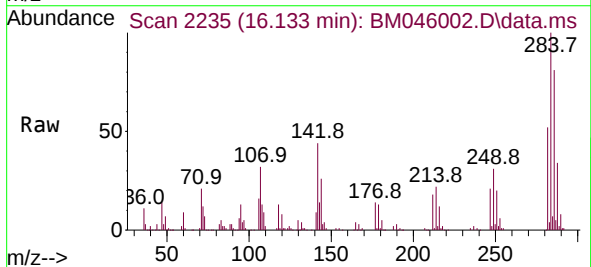
Instrument :
BNA_M
ClientSampleId :
SSTD020118

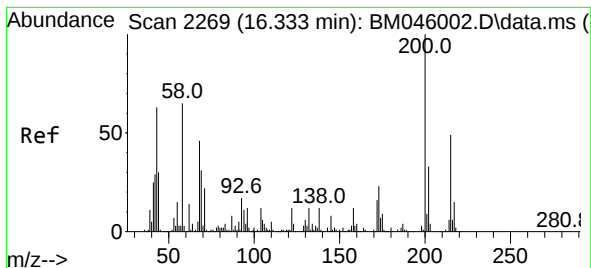
Tgt Ion:248 Resp: 133925
Ion Ratio Lower Upper
248 100
250 99.3 79.3 118.9
141 78.5 65.8 98.6



#69
Hexachlorobenzene
Concen: 19.397 ng/ul
RT: 16.133 min Scan# 2235
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:284 Resp: 153801
Ion Ratio Lower Upper
284 100
142 41.5 35.4 53.0
249 29.4 25.8 38.8





#70

Atrazine

Concen: 18.107 ng/ul

RT: 16.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

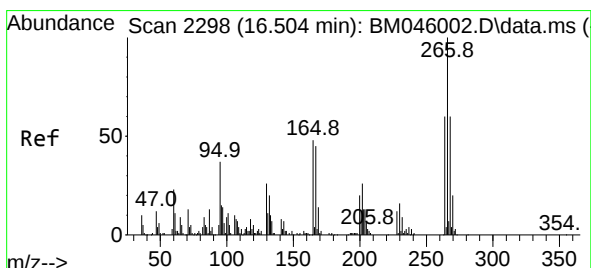
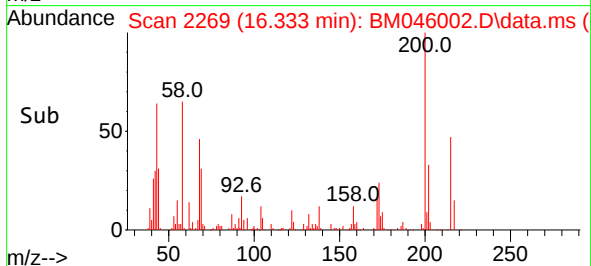
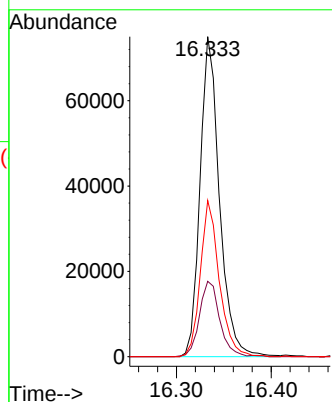
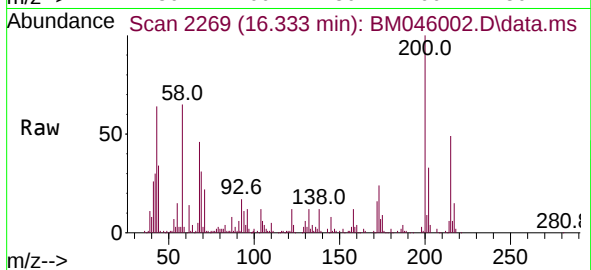
Tgt Ion:200 Resp: 106965

Ion Ratio Lower Upper

200 100

173 23.5 20.6 31.0

215 48.8 36.7 55.1



#71

Pentachlorophenol

Concen: 21.967 ng/ul

RT: 16.504 min Scan# 2298

Delta R.T. -0.000 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

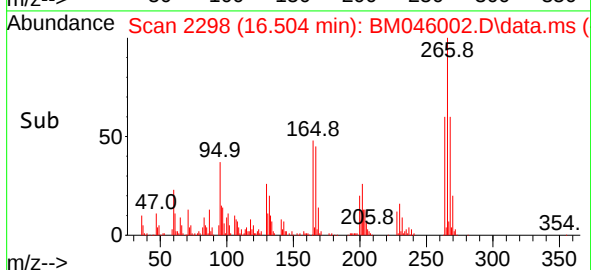
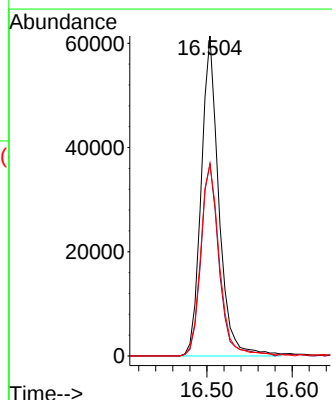
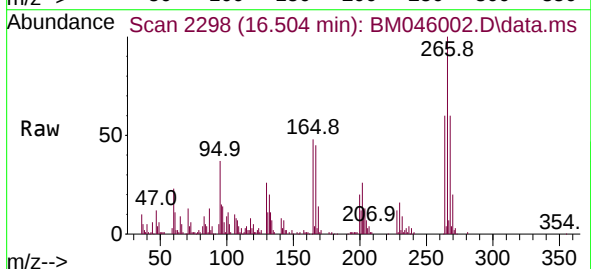
Tgt Ion:266 Resp: 88380

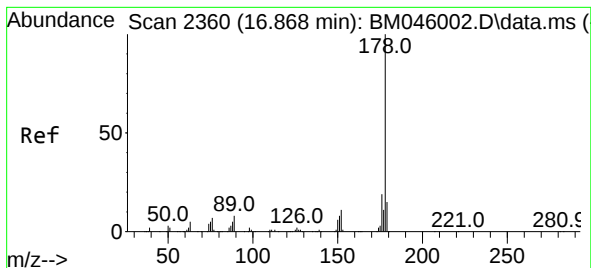
Ion Ratio Lower Upper

266 100

264 60.0 48.2 72.2

268 60.0 50.8 76.2





#72

Phenanthrene

Concen: 20.341 ng/ul

RT: 16.868 min Scan# 2360

Delta R.T. -0.000 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

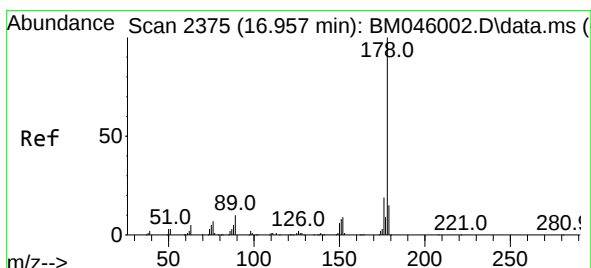
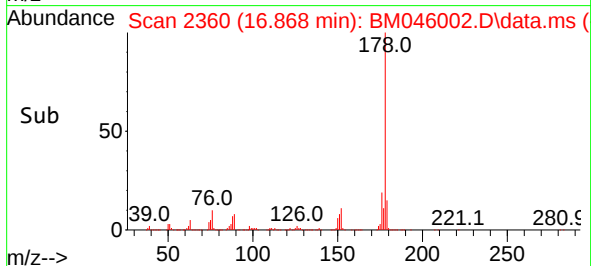
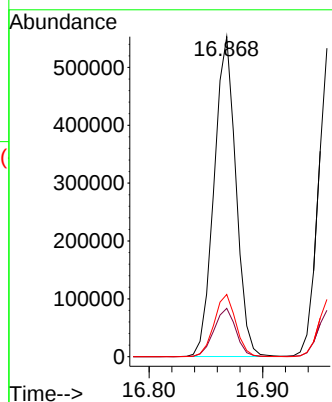
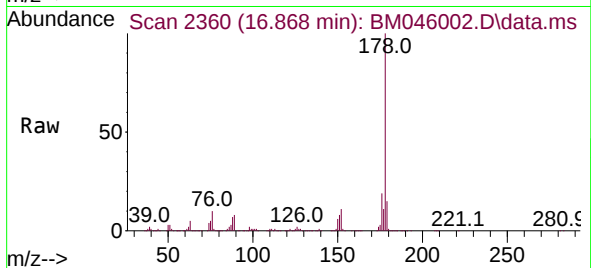
Tgt Ion:178 Resp: 737060

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 19.5 15.3 22.9



#74

Anthracene

Concen: 20.752 ng/ul

RT: 16.957 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

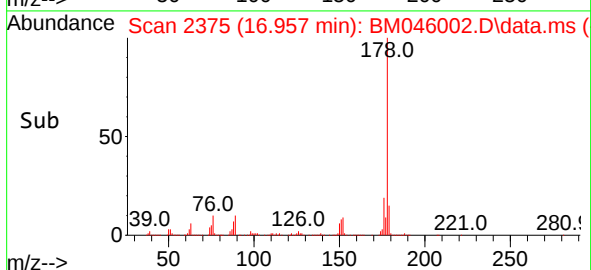
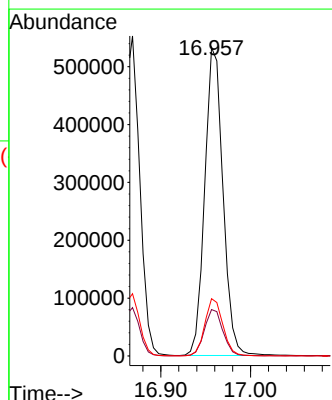
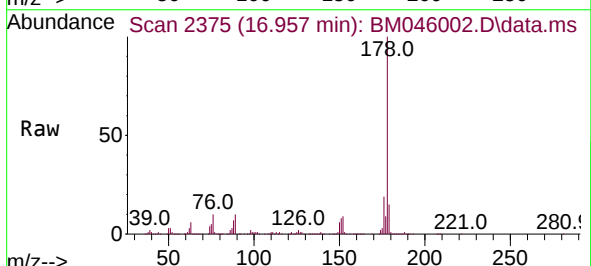
Tgt Ion:178 Resp: 751101

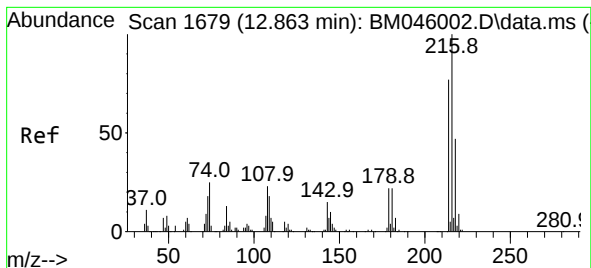
Ion Ratio Lower Upper

178 100

179 15.0 12.0 18.0

176 18.6 15.0 22.6

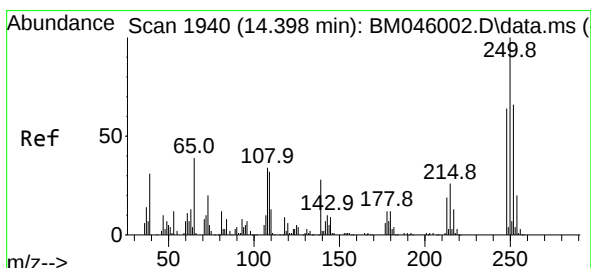
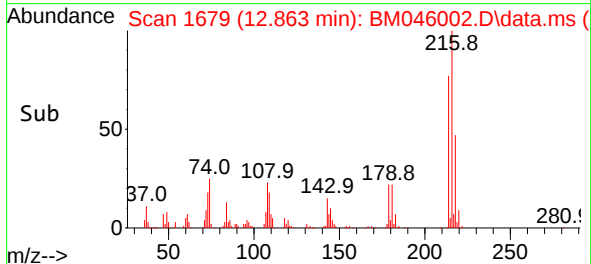
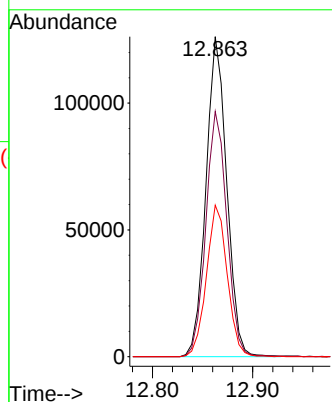
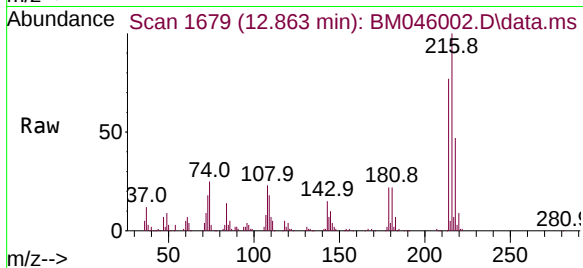




#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.060 ng/uL
RT: 12.863 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

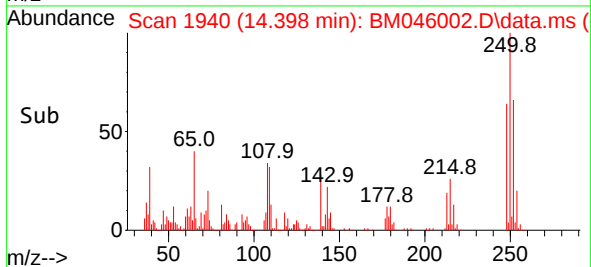
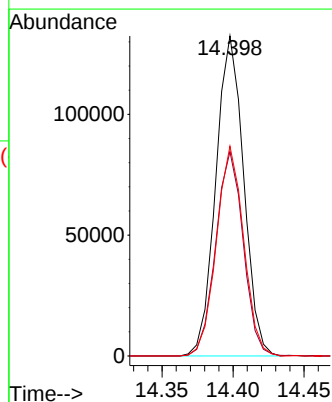
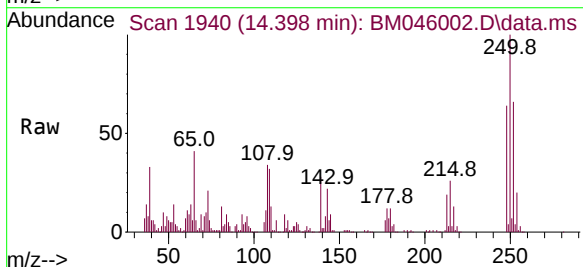
Instrument :
BNA_M
ClientSampleId :
SSTD020118

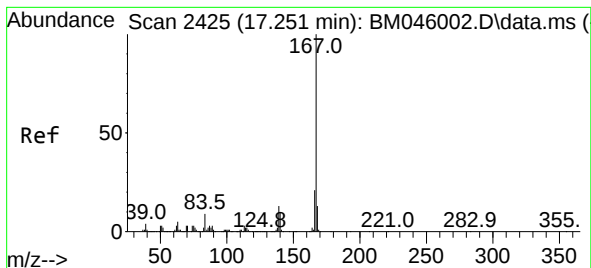
Tgt Ion:216 Resp: 181949
Ion Ratio Lower Upper
216 100
214 76.6 63.2 94.8
218 47.3 38.2 57.2



#76
Pentachlorobenzene
Concen: 18.097 ng/uL
RT: 14.398 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:250 Resp: 180523
Ion Ratio Lower Upper
250 100
248 63.9 50.2 75.2
252 65.6 49.5 74.3





#77

Carbazole

Concen: 21.812 ng/ul

RT: 17.251 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

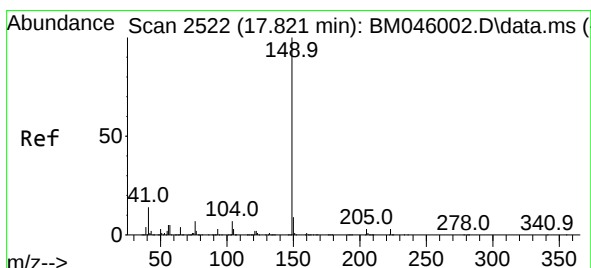
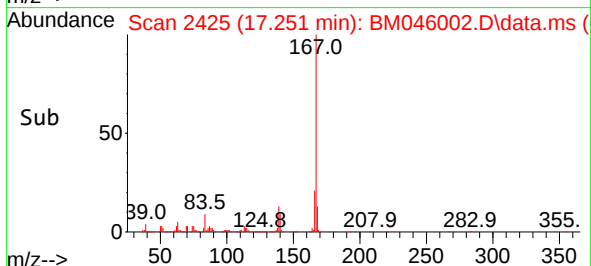
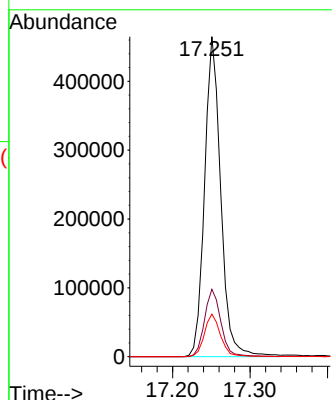
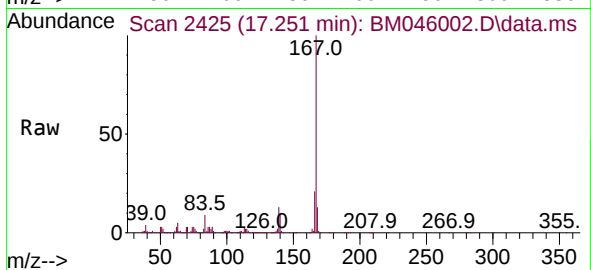
Tgt Ion:167 Resp: 673614

Ion Ratio Lower Upper

167 100

166 21.0 16.6 24.8

139 13.3 10.6 16.0



#78

Di-n-butylphthalate

Concen: 19.628 ng/ul

RT: 17.821 min Scan# 2522

Delta R.T. -0.000 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

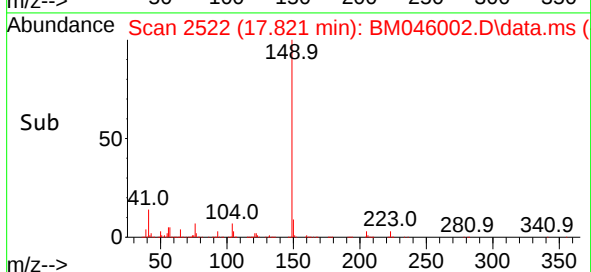
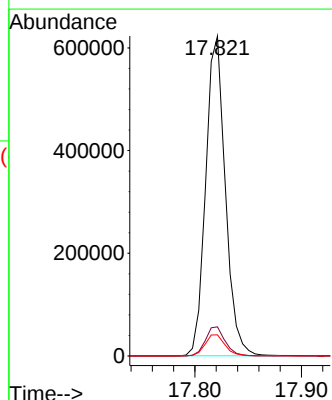
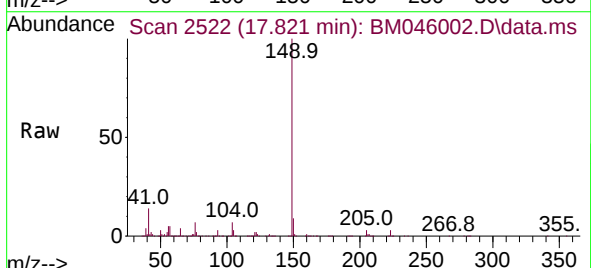
Tgt Ion:149 Resp: 797146

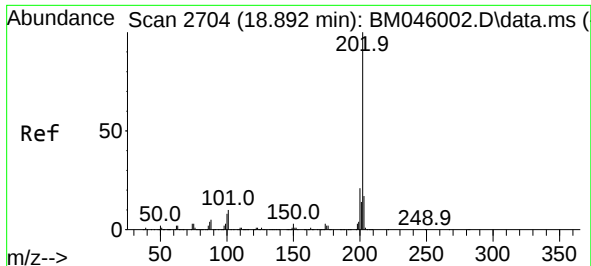
Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

104 6.6 4.9 7.3

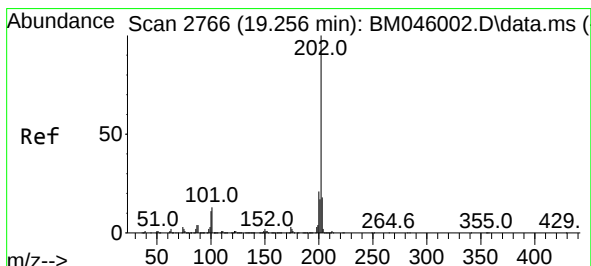
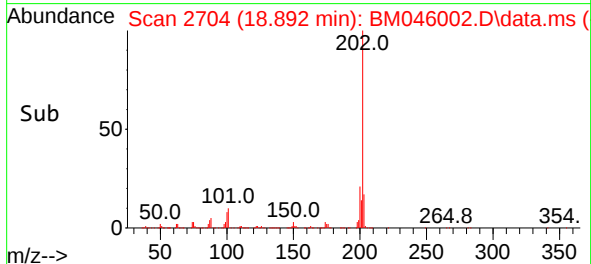
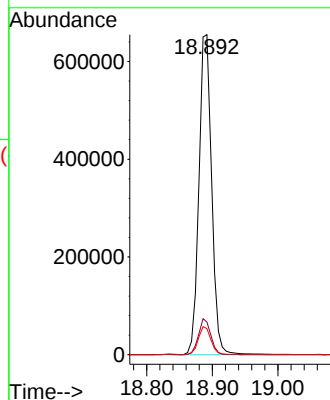
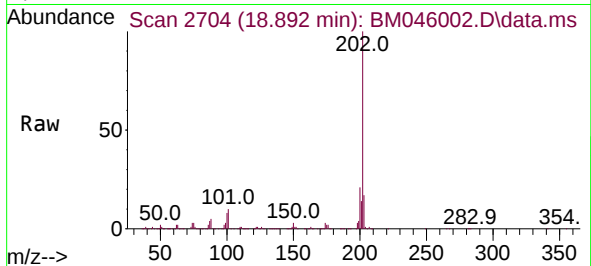




#80
Fluoranthene
Concen: 16.985 ng/ul
RT: 18.892 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

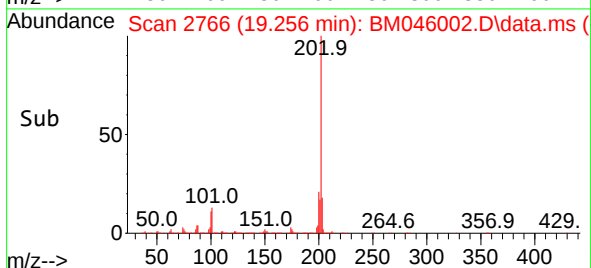
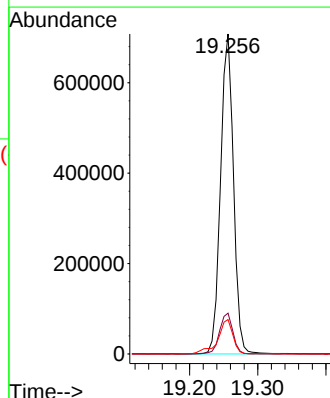
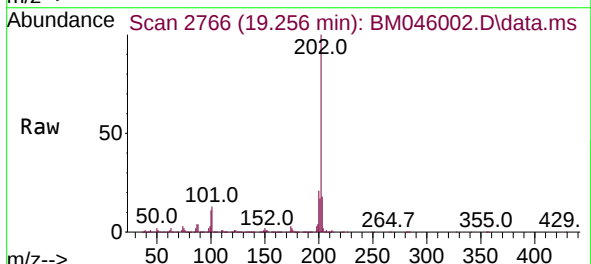
Instrument :
BNA_M
ClientSampleId :
SSTD020118

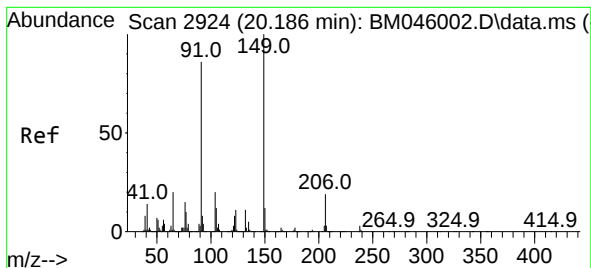
Tgt Ion:202 Resp: 884966
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 8.1 6.6 10.0



#82
Pyrene
Concen: 17.465 ng/ul
RT: 19.256 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:202 Resp: 934943
Ion Ratio Lower Upper
202 100
101 12.8 10.5 15.7
100 10.7 8.6 12.8





#83

Butylbenzylphthalate

Concen: 17.150 ng/ul

RT: 20.186 min Scan# 2924

Delta R.T. -0.000 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

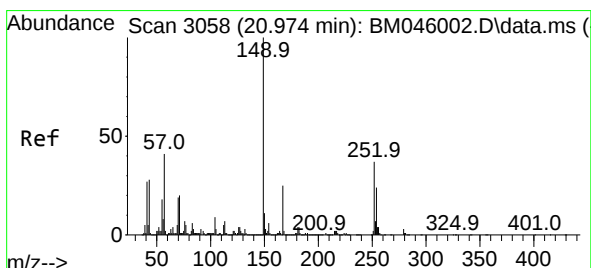
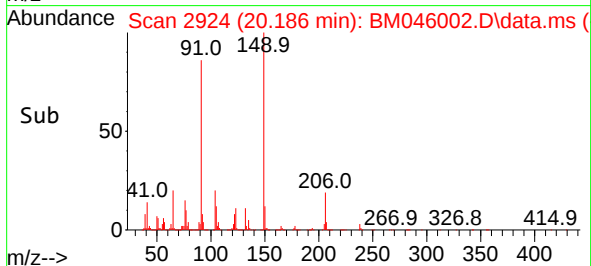
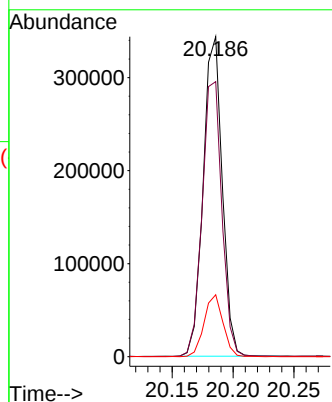
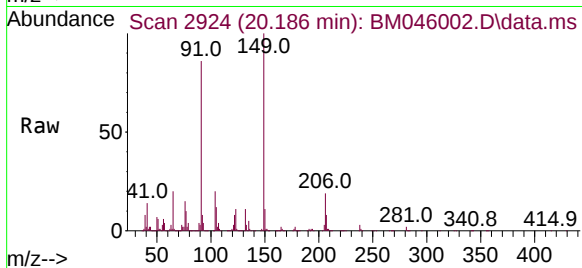
Tgt Ion:149 Resp: 374161

Ion Ratio Lower Upper

149 100

91 86.0 63.7 95.5

206 19.4 15.9 23.9



#84

3,3'-Dichlorobenzidine

Concen: 19.912 ng/ul

RT: 20.974 min Scan# 3058

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

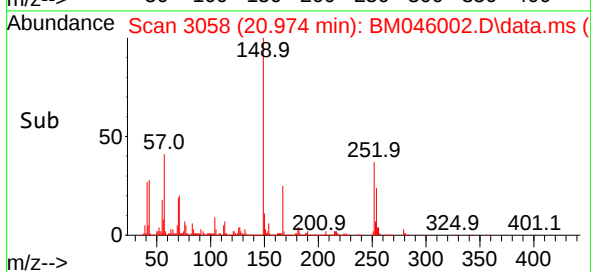
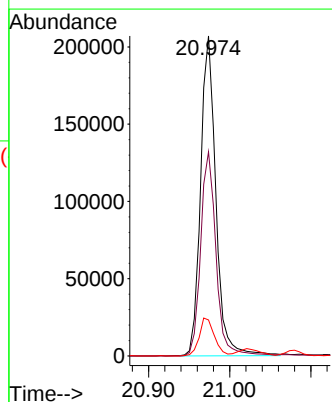
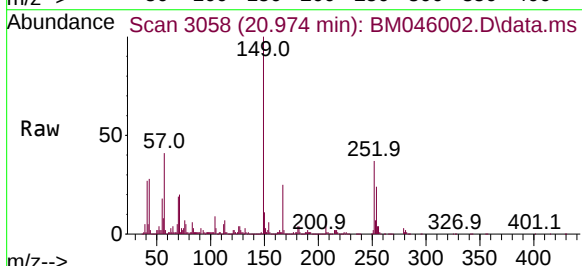
Tgt Ion:252 Resp: 271820

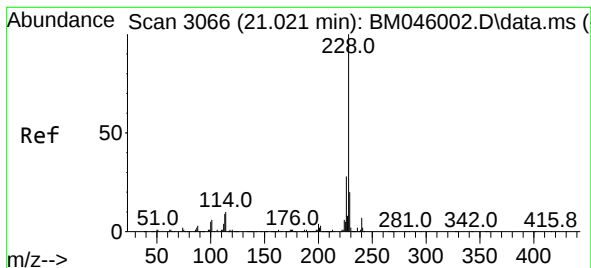
Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

126 11.2 9.8 14.6





#85

Benzo(a)anthracene

Concen: 19.709 ng/ul

RT: 21.021 min Scan# 3066

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

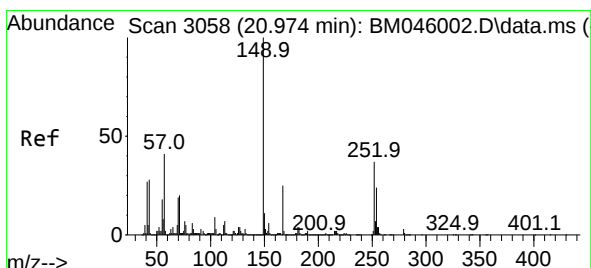
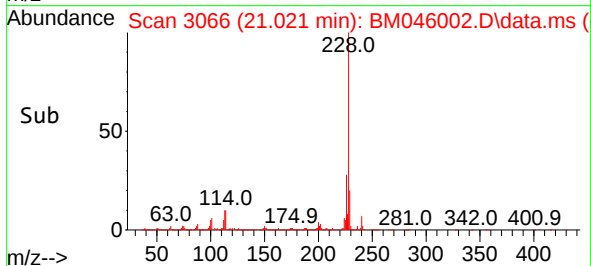
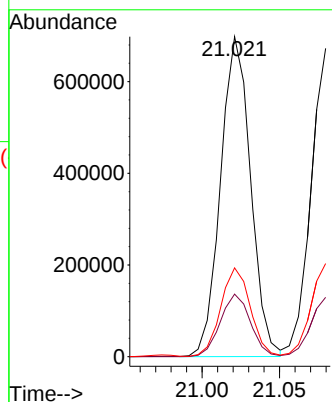
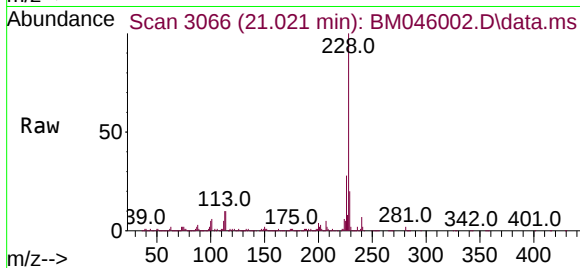
Tgt Ion:228 Resp: 940524

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.8

226 27.7 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.634 ng/ul

RT: 20.974 min Scan# 3058

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

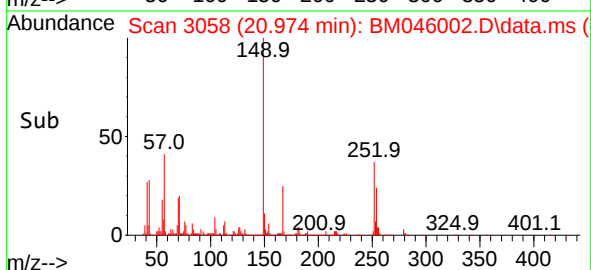
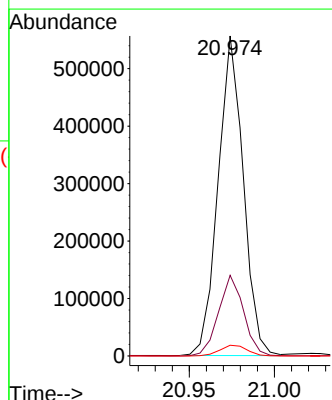
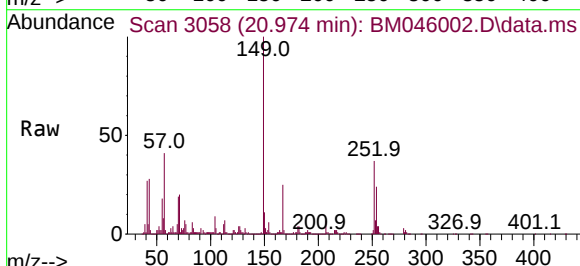
Tgt Ion:149 Resp: 571591

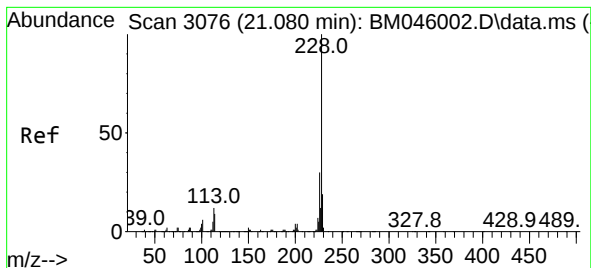
Ion Ratio Lower Upper

149 100

167 25.2 20.4 30.6

279 3.3 3.1 4.7





#87

Chrysene

Concen: 19.992 ng/ul

RT: 21.080 min Scan# 3076

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

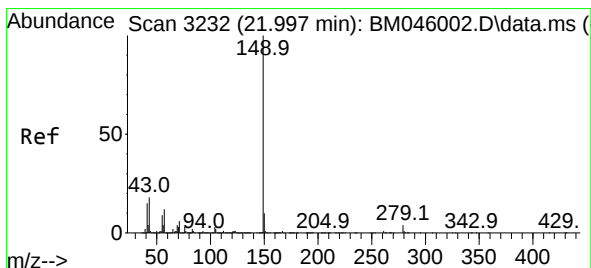
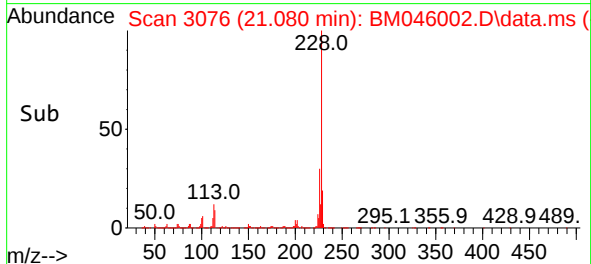
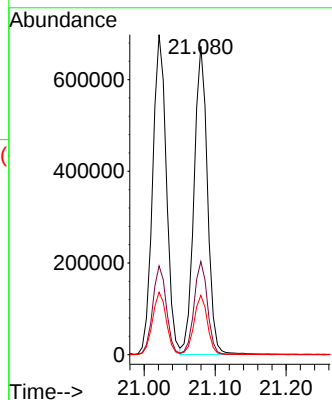
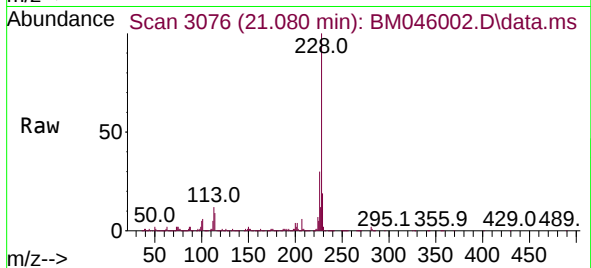
Tgt Ion:228 Resp: 882544

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.3 15.2 22.8



#89

Di-n-octyl phthalate

Concen: 17.761 ng/ul

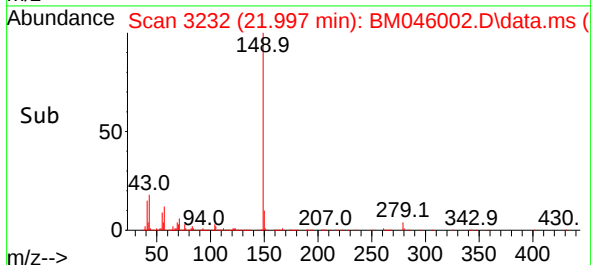
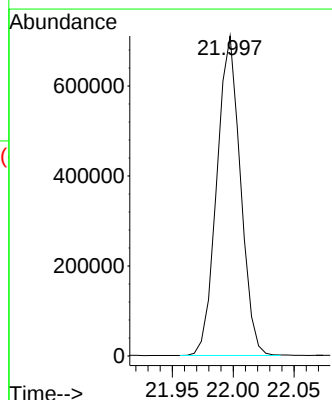
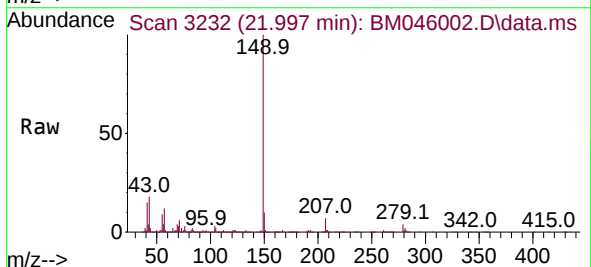
RT: 21.997 min Scan# 3232

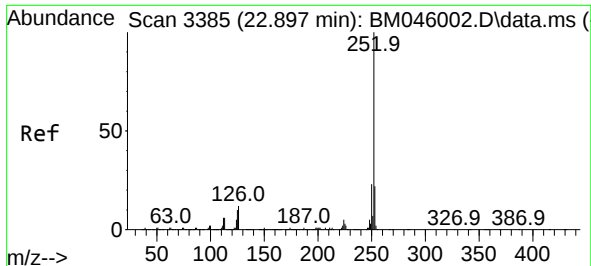
Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Tgt Ion:149 Resp: 959055

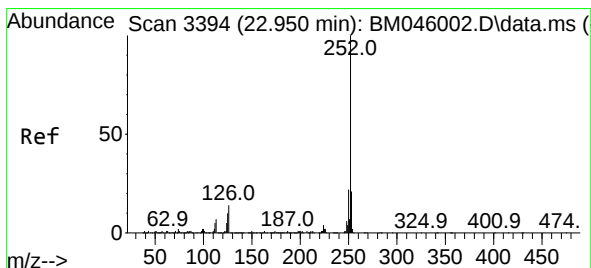
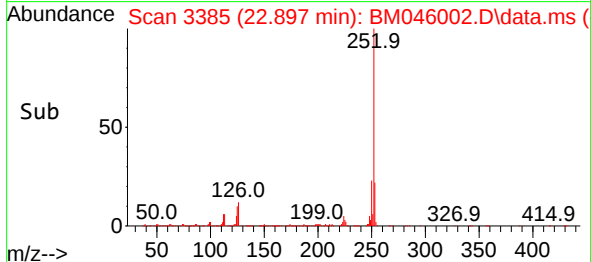
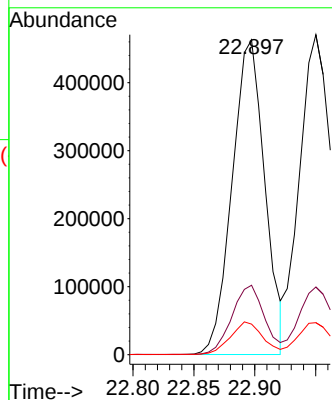
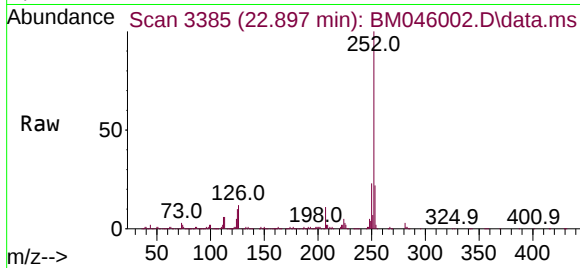




#90
Benzo(b)fluoranthene
Concen: 19.895 ng/ul
RT: 22.897 min Scan# 3385
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

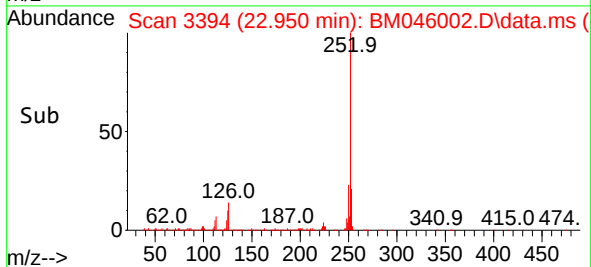
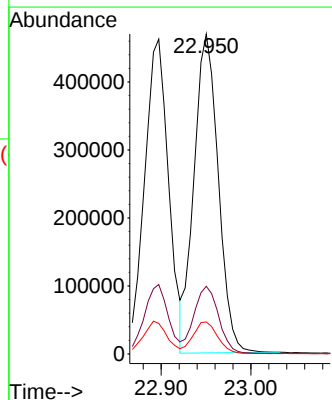
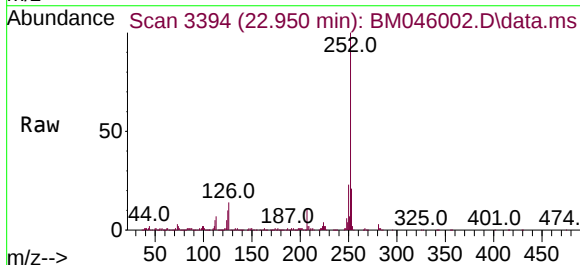
Instrument :
BNA_M
ClientSampleId :
SSTD020118

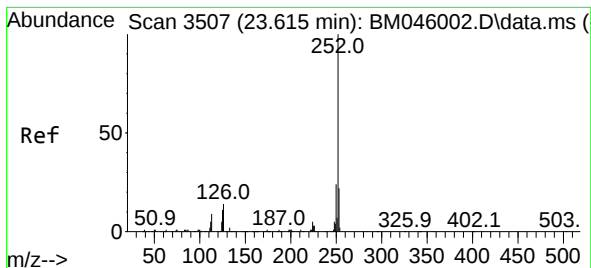
Tgt Ion:252 Resp: 863285
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.7 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 20.772 ng/ul
RT: 22.950 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BM046002.D
Acq: 12 Jun 2024 18:40

Tgt Ion:252 Resp: 880341
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 10.0 8.2 12.4





#93

Benzo(a)pyrene

Concen: 20.625 ng/ul

RT: 23.615 min Scan# 3507

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

Instrument :

BNA_M

ClientSampleId :

SSTD020118

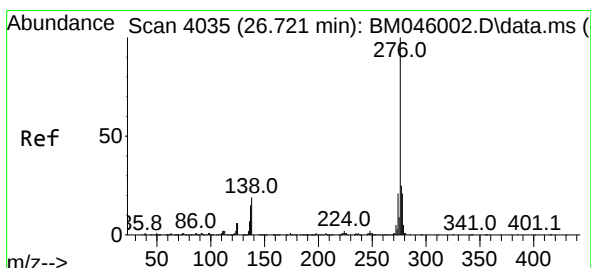
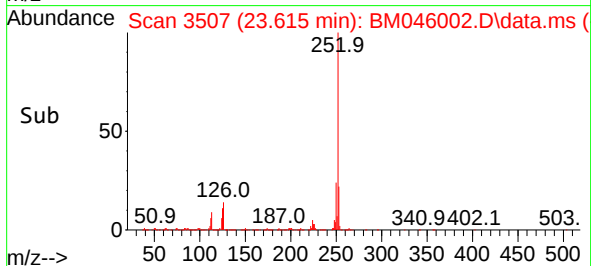
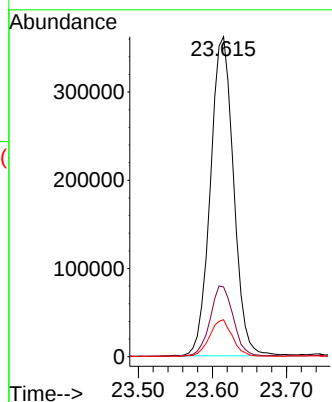
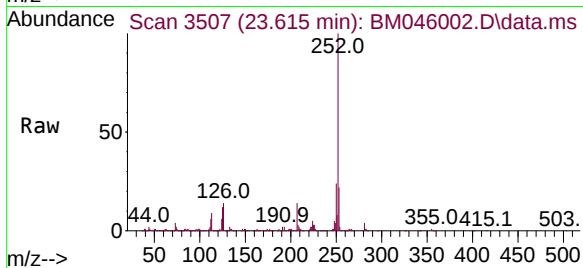
Tgt Ion:252 Resp: 786423

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 11.5 9.3 13.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.478 ng/ul

RT: 26.721 min Scan# 4035

Delta R.T. -0.006 min

Lab File: BM046002.D

Acq: 12 Jun 2024 18:40

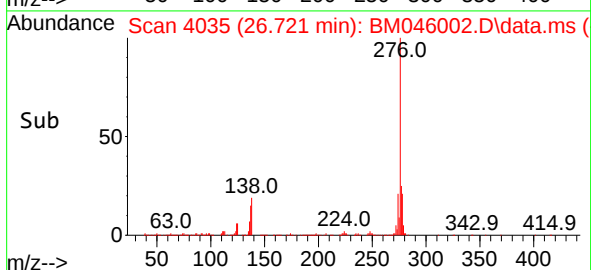
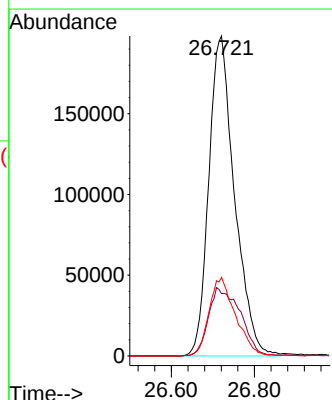
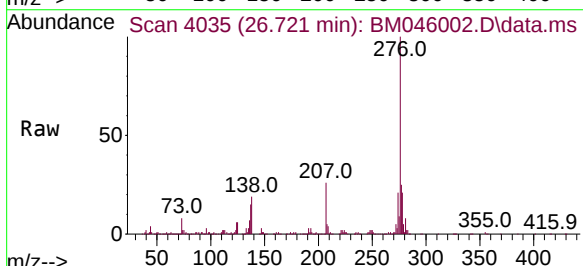
Tgt Ion:276 Resp: 852667

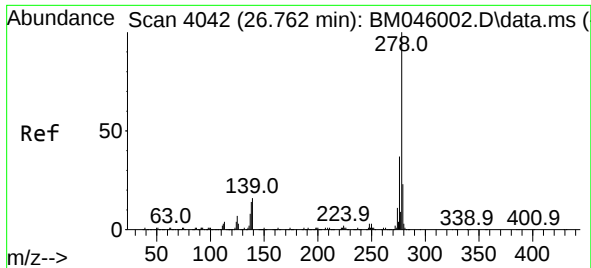
Ion Ratio Lower Upper

276 100

138 19.5 17.9 26.9

277 24.5 19.0 28.6

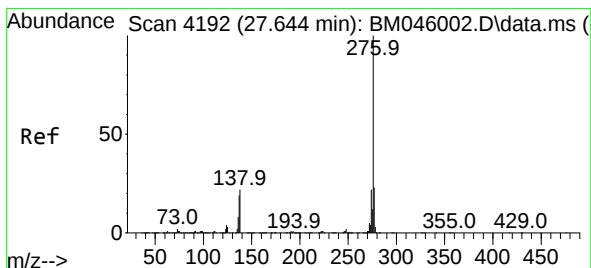
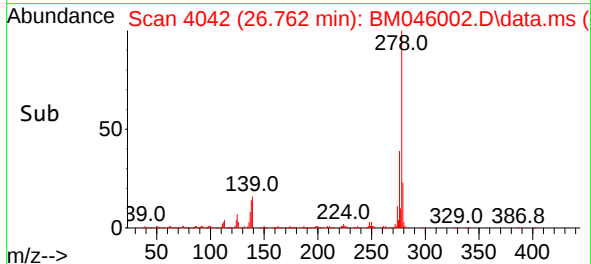
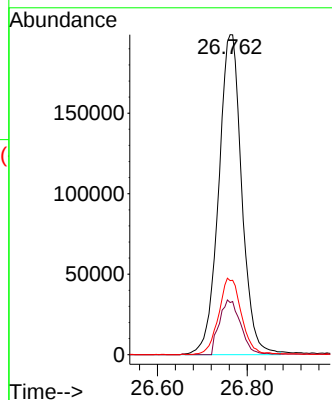
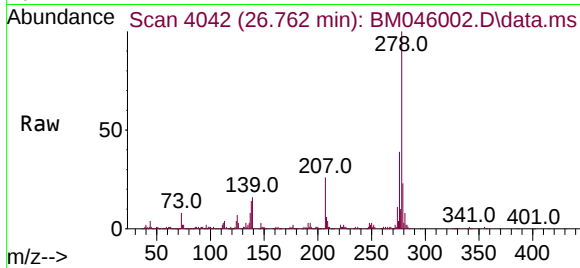




#95
 Dibenzo(a,h)anthracene
 Concen: 21.599 ng/ul
 RT: 26.762 min Scan# 4042
 Delta R.T. -0.012 min
 Lab File: BM046002.D
 Acq: 12 Jun 2024 18:40

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020118

Tgt Ion:278 Resp: 711338
 Ion Ratio Lower Upper
 278 100
 139 16.3 13.2 19.8
 279 23.2 19.1 28.7



#96
 Benzo(g,h,i)perylene
 Concen: 18.612 ng/ul
 RT: 27.644 min Scan# 4192
 Delta R.T. -0.012 min
 Lab File: BM046002.D
 Acq: 12 Jun 2024 18:40

Tgt Ion:276 Resp: 682586
 Ion Ratio Lower Upper
 276 100
 138 21.6 18.6 27.8
 277 23.5 18.7 28.1

