

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080324\
 Data File : BM046983.D
 Acq On : 04 Aug 2024 04:10
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020126

Quant Time: Aug 05 00:59:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	205327	20.000	ng/u1	0.00
20) Naphthalene-d8	10.157	136	798628	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	516060	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.815	188	1105236	20.000	ng/u1	0.00
79) Chrysene-d12	21.050	240	997082	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	1191650	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	40222	7.761	ng/uL	0.00
4) Pyridine-d5	3.404	84	283530	20.056	ng/u1	0.00
7) Phenol-d5	6.598	99	334587	21.451	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	215816	21.029	ng/u1	0.00
11) 2-Chlorophenol-d4	6.939	132	273296	20.685	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	264538	21.409	ng/u1	0.00
21) Nitrobenzene-d5	8.539	128	132880	20.735	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	148997	21.290	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	279428	20.796	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	364581	20.645	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	807131	20.455	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	920137	20.891	ng/u1	0.00
54) 4-Nitrophenol-d4	14.292	143	155024	20.319	ng/u1	0.00
60) Fluorene-d10	15.057	176	682706	20.226	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	137585	19.703	ng/u1	0.00
73) Anthracene-d10	16.915	188	1061115	20.252	ng/u1	0.00
81) Pyrene-d10	19.227	212	1217430	21.329	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.580	264	1293182	20.609	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.051	88	42475	7.365	ng/uL	95
5) Pyridine	3.422	79	291545	20.831	ng/u1	96
6) Benzaldehyde	6.557	77	208241	23.244	ng/u1	98
8) Phenol	6.628	94	340620	21.685	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.845	93	283610	21.183	ng/u1	95
12) 2-Chlorophenol	6.969	128	281442	21.026	ng/u1	96
13) 2-Methylphenol	7.851	108	253422	21.179	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	7.922	45	360764	22.486	ng/u1	99
16) Acetophenone	8.216	105	409792	21.071	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.204	70	217325	21.191	ng/u1	97
18) 4-Methylphenol	8.181	108	279113	21.589	ng/u1	99
19) Hexachloroethane	8.451	117	129051	19.792	ng/u1	96
22) Nitrobenzene	8.581	77	344865	20.142	ng/u1	95
23) Isophorone	9.110	82	606455	20.701	ng/u1	99
25) 2-Nitrophenol	9.286	139	161207	21.057	ng/u1	96
26) 2,4-Dimethylphenol	9.363	107	304153	20.155	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.598	93	374309	20.726	ng/u1	99
29) 2,4-Dichlorophenol	9.816	162	276054	20.599	ng/u1	99
30) Naphthalene	10.204	128	866206	20.485	ng/u1	100
32) 4-Chloroaniline	10.327	127	355249	20.716	ng/u1	100
33) Hexachlorobutadiene	10.492	225	181823	18.806	ng/u1	97
34) Caprolactam	11.104	113	48687	11.997	ng/u1	93
35) 4-Chloro-3-methylphenol	11.469	107	286101	20.704	ng/u1	99
36) 2-Methylnaphthalene	11.827	142	610101	20.664	ng/u1	99

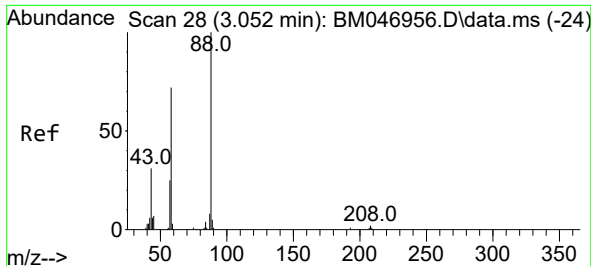
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.057	142	609805	20.403	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.210	216	329861	20.381	ng/ul	99
40) Hexachlorocyclopentadiene	12.192	237	187574	17.594	ng/ul	95
41) 2,4,6-Trichlorophenol	12.468	196	220099	20.777	ng/ul	98
42) 2,4,5-Trichlorophenol	12.539	196	241097	21.079	ng/ul	98
43) 1,1'-Biphenyl	12.874	154	796630	20.634	ng/ul	98
44) 2-Chloronaphthalene	12.910	162	636359	20.756	ng/ul	99
45) 2-Nitroaniline	13.133	65	198150	21.268	ng/ul	99
47) Dimethylphthalate	13.527	163	803624	20.296	ng/ul	100
48) 2,6-Dinitrotoluene	13.645	165	164203	21.333	ng/ul	90
50) Acenaphthylene	13.768	152	974000	20.939	ng/ul	99
51) 3-Nitroaniline	13.974	138	166635	21.258	ng/ul	99
52) Acenaphthene	14.115	153	686830	20.481	ng/ul	99
53) 2,4-Dinitrophenol	14.186	184	97473	17.948	ng/ul	96
55) 4-Nitrophenol	14.310	109	140864	18.243	ng/ul	93
56) Dibenzofuran	14.457	168	963673	20.475	ng/ul	97
57) 2,4-Dinitrotoluene	14.439	165	249800	21.237	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.698	232	201697	19.837	ng/ul#	95
59) Diethylphthalate	14.915	149	840930	19.743	ng/ul	100
61) Fluorene	15.115	166	779120	20.070	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.121	204	366807	19.194	ng/ul	97
63) 4-Nitroaniline	15.145	138	170128	21.962	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.209	198	151668	19.850	ng/ul	98
67) N-Nitrosodiphenylamine	15.339	169	679457	20.741	ng/ul	99
68) 4-Bromophenyl-phenylether	16.015	248	242240	20.249	ng/ul	96
69) Hexachlorobenzene	16.121	284	279534	19.844	ng/ul	99
70) Atrazine	16.309	200	254552	19.804	ng/ul	99
71) Pentachlorophenol	16.474	266	186221	19.526	ng/ul	98
72) Phenanthrene	16.856	178	1265505	20.426	ng/ul	99
74) Anthracene	16.945	178	1274111	20.392	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.833	216	335882	21.122	ng/uL	95
76) Pentachlorobenzene	14.380	250	334230	20.305	ng/uL	100
77) Carbazole	17.227	167	1193072	20.597	ng/ul	100
78) Di-n-butylphthalate	17.815	149	1460536	19.829	ng/ul	99
80) Fluoranthene	18.892	202	1455225	21.333	ng/ul	99
82) Pyrene	19.256	202	1539598	21.182	ng/ul	99
83) Butylbenzylphthalate	20.197	149	677051	21.312	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.974	252	483848	19.795	ng/ul	99
85) Benzo(a)anthracene	21.033	228	1478208	20.299	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.997	149	967720	20.866	ng/ul	100
87) Chrysene	21.091	228	1393600	20.066	ng/ul	100
89) Di-n-octyl phthalate	22.033	149	1674509	19.919	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	1513920	20.538	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	1530184	21.007	ng/ul	99
93) Benzo(a)pyrene	23.632	252	1418970	20.663	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.773	276	1765688	20.068	ng/ul	99
95) Dibenzo(a,h)anthracene	26.820	278	1405728	19.891	ng/ul	99
96) Benzo(g,h,i)perylene	27.703	276	1374467	19.772	ng/ul	98

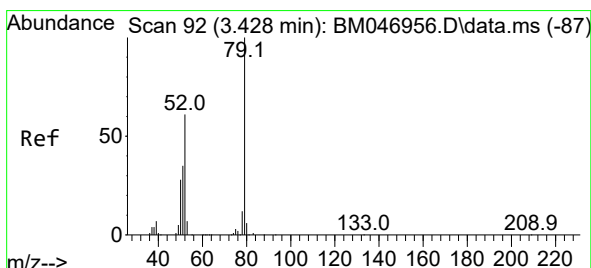
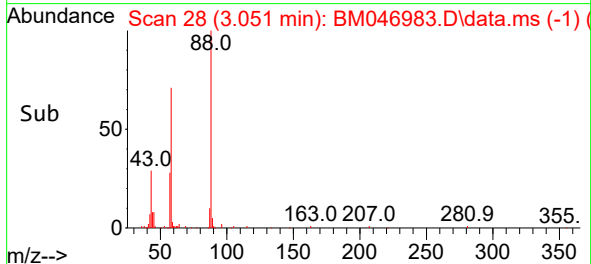
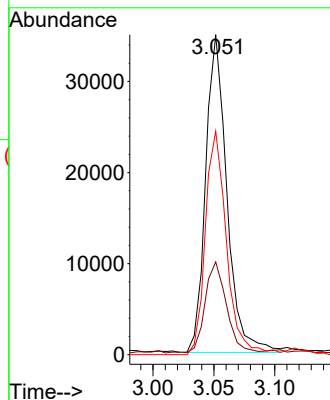
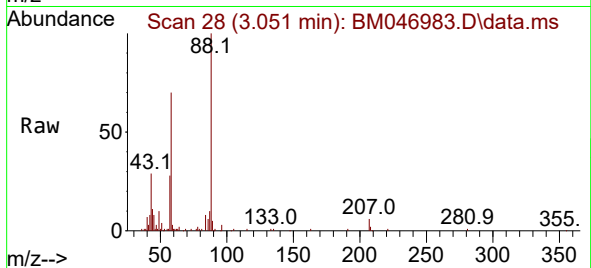
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#2
1,4-Dioxane
Concen: 7.365 ng/uL
RT: 3.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046983.D
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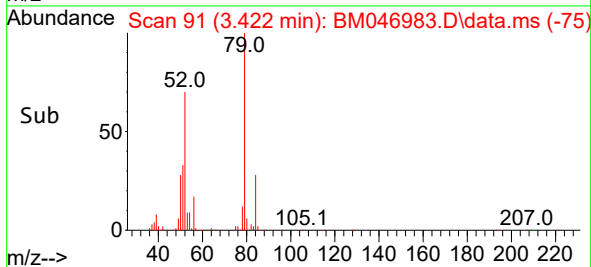
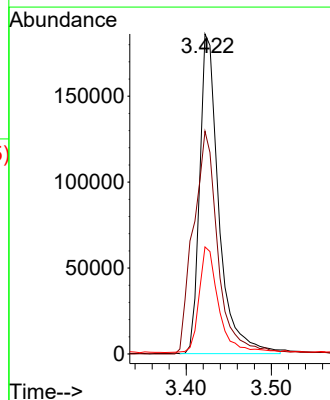
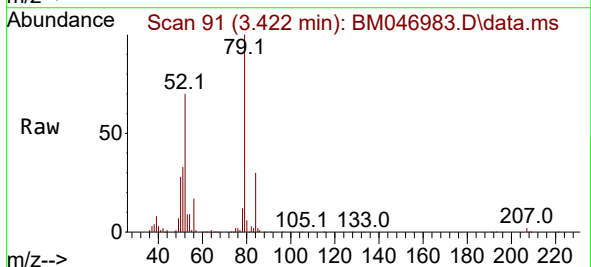
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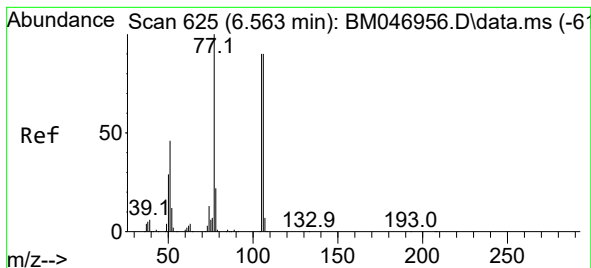
Tgt Ion: 88 Resp: 42475
Ion Ratio Lower Upper
88 100
43 29.0 24.9 37.3
58 69.9 59.7 89.5



#5
Pyridine
Concen: 20.831 ng/uL
RT: 3.422 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion: 79 Resp: 291545
Ion Ratio Lower Upper
79 100
52 69.6 58.1 87.1
51 33.5 29.3 43.9





#6

Benzaldehyde

Concen: 23.244 ng/ul

RT: 6.557 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

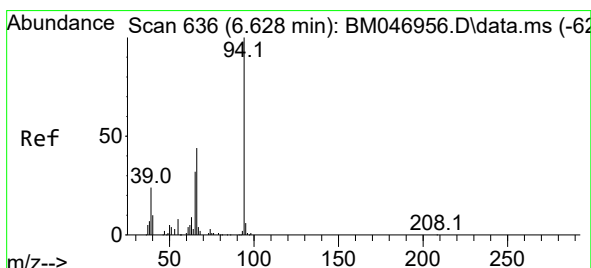
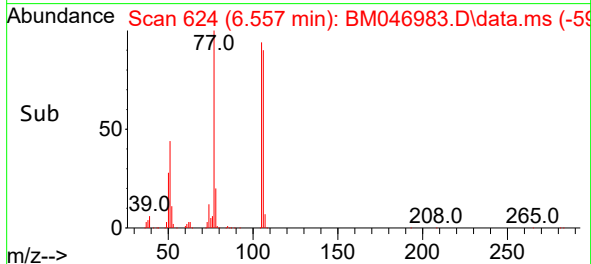
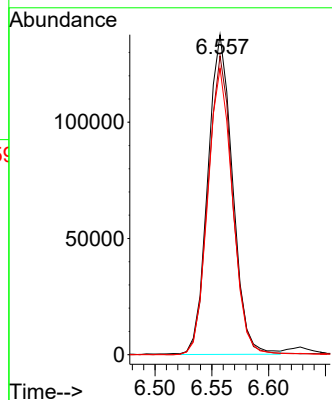
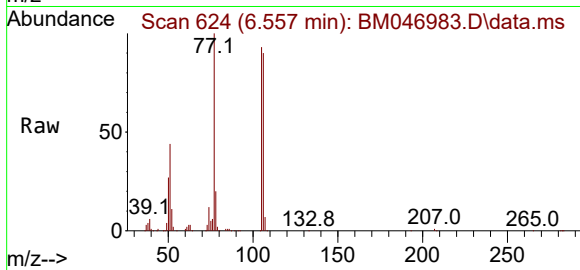
Tgt Ion: 77 Resp: 208241

Ion Ratio Lower Upper

77 100

105 93.4 74.7 112.1

106 89.5 74.2 111.2



#8

Phenol

Concen: 21.685 ng/ul

RT: 6.628 min Scan# 636

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

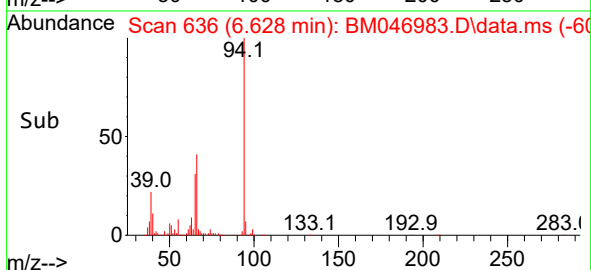
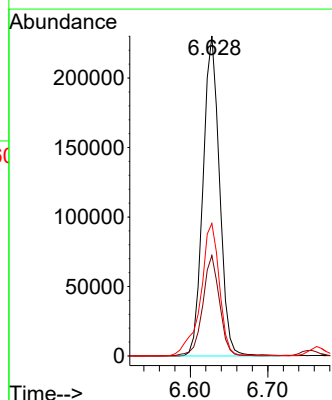
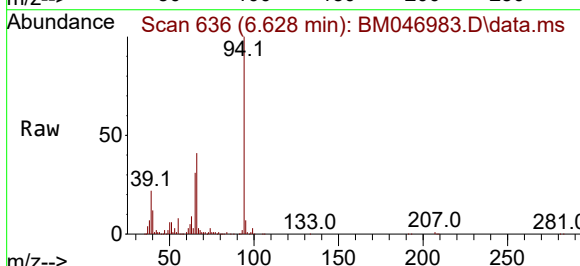
Tgt Ion: 94 Resp: 340620

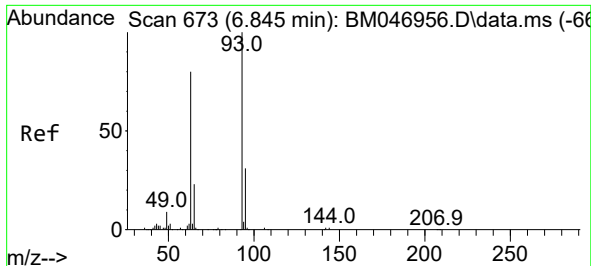
Ion Ratio Lower Upper

94 100

65 31.4 25.1 37.7

66 41.4 37.7 56.5

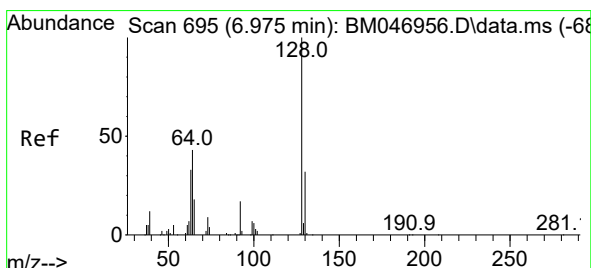
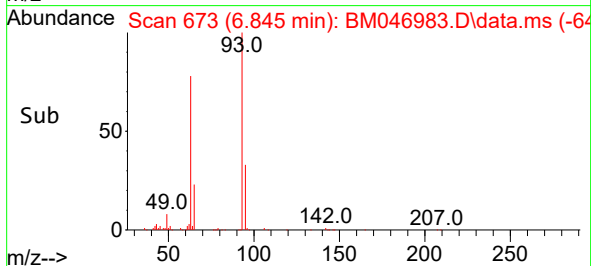
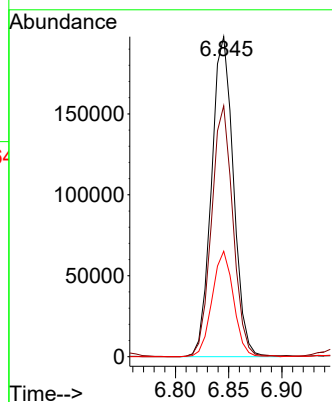
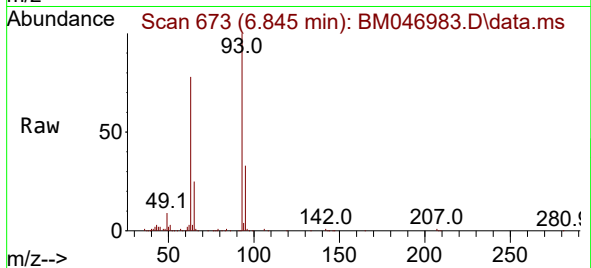




#10
Bis(2-Chloroethyl)ether
Concen: 21.183 ng/ul
RT: 6.845 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

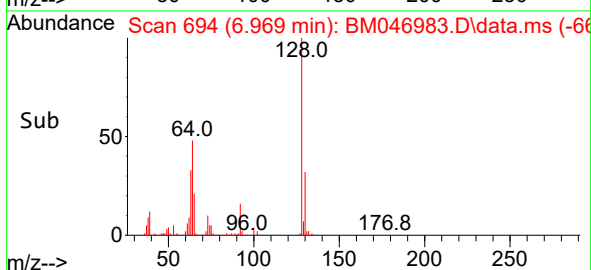
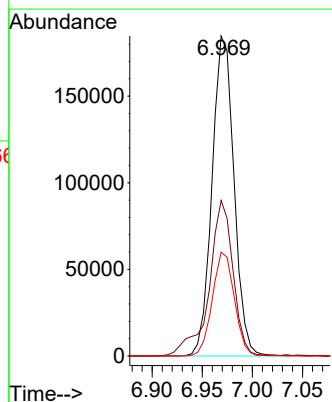
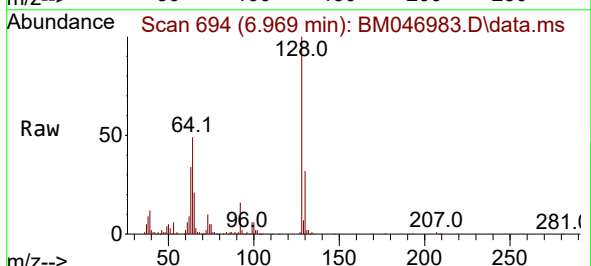
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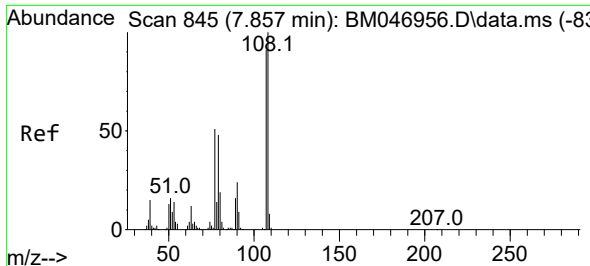
Tgt Ion: 93 Resp: 283610
Ion Ratio Lower Upper
93 100
63 78.4 59.0 88.6
95 33.0 24.0 36.0



#12
2-Chlorophenol
Concen: 21.026 ng/ul
RT: 6.969 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:128 Resp: 281442
Ion Ratio Lower Upper
128 100
64 48.6 37.0 55.4
130 32.5 24.1 36.1

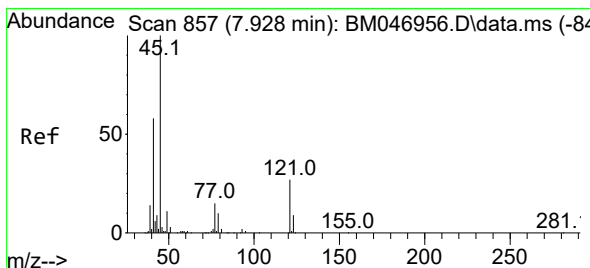
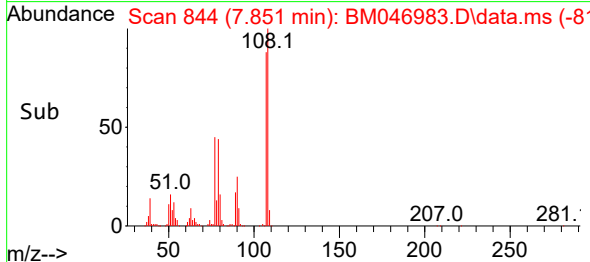
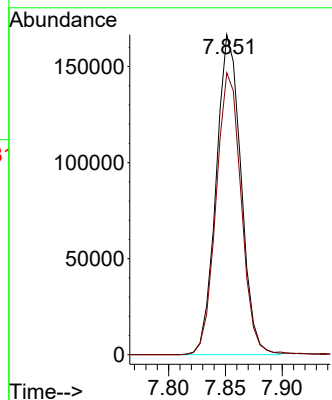
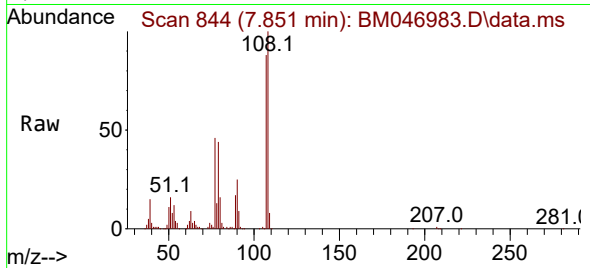




#13
2-Methylphenol
Concen: 21.179 ng/ul
RT: 7.851 min Scan# 845
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

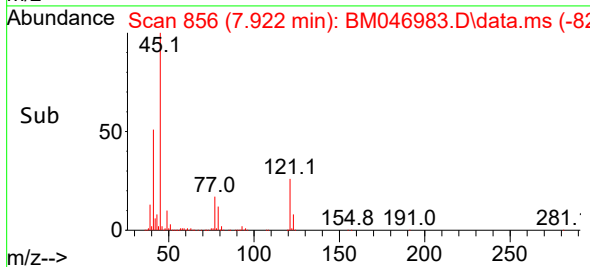
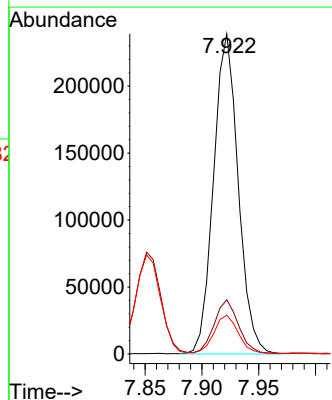
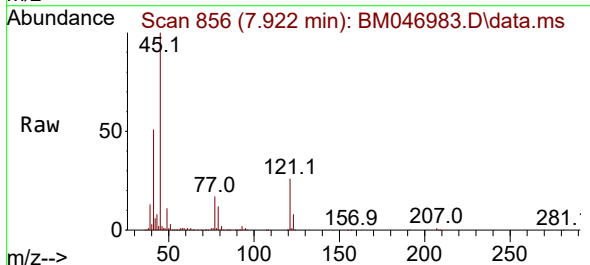
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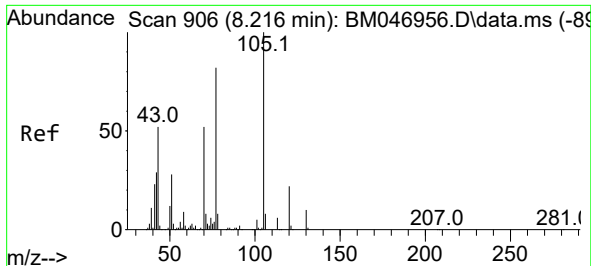
Tgt Ion:108 Resp: 253422
Ion Ratio Lower Upper
108 100
107 88.1 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.486 ng/ul
RT: 7.922 min Scan# 856
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion: 45 Resp: 360764
Ion Ratio Lower Upper
45 100
77 16.9 13.2 19.8
79 12.1 9.8 14.6

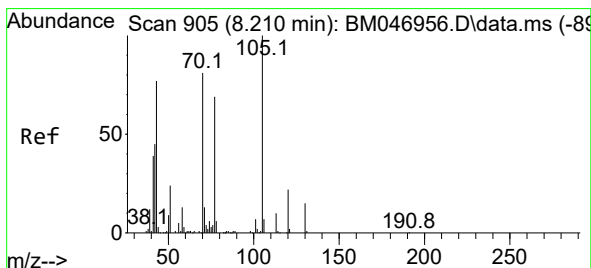
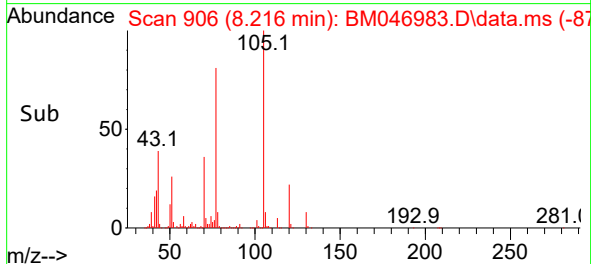
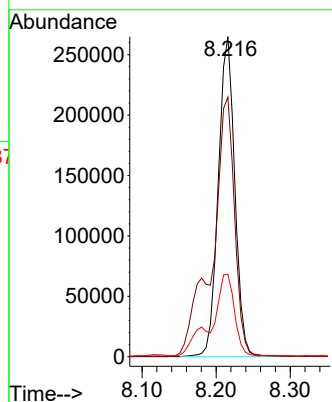
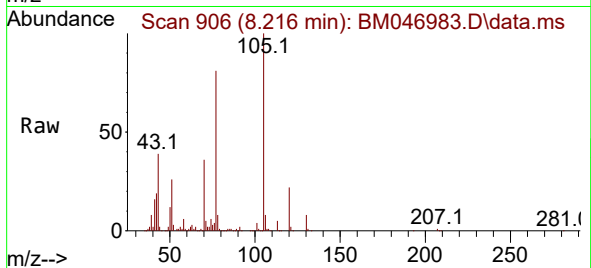




#16
Acetophenone
Concen: 21.071 ng/ul
RT: 8.216 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

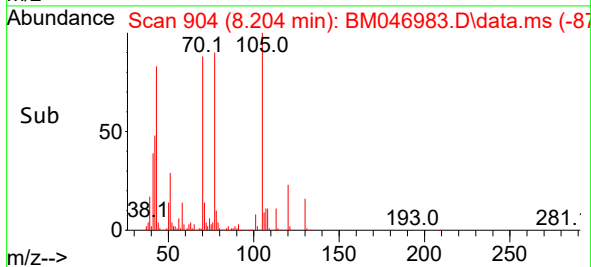
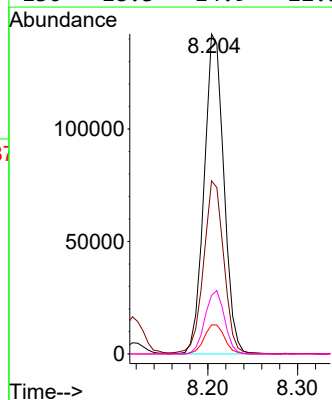
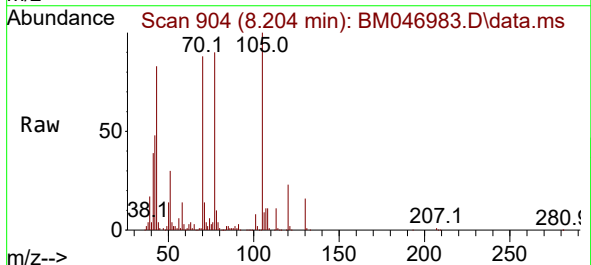
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ClientSampleId :
SSTD020126

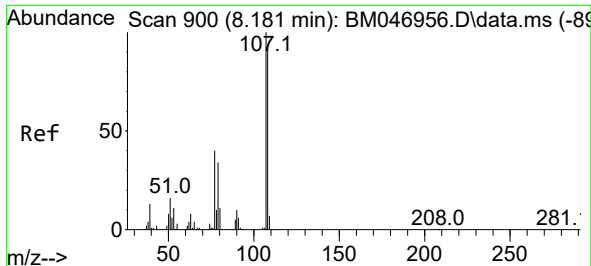
Tgt Ion:105 Resp: 409792
Ion Ratio Lower Upper
105 100
77 81.1 66.1 99.1
51 25.8 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 21.191 ng/ul
RT: 8.204 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion: 70 Resp: 217325
Ion Ratio Lower Upper
70 100
42 54.1 45.8 68.8
101 9.1 6.9 10.3
130 18.3 14.9 22.3

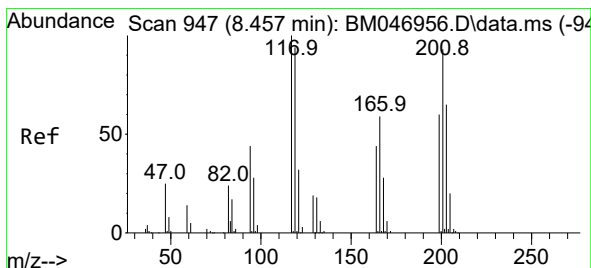
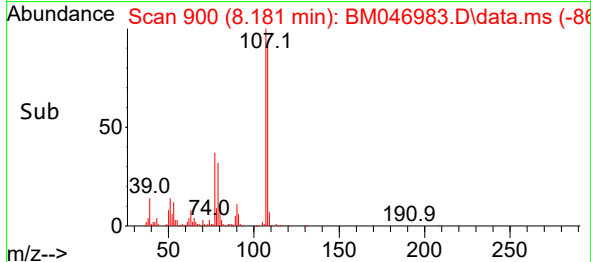
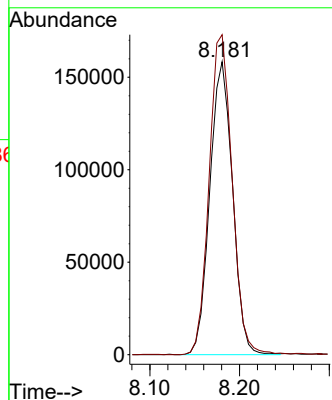
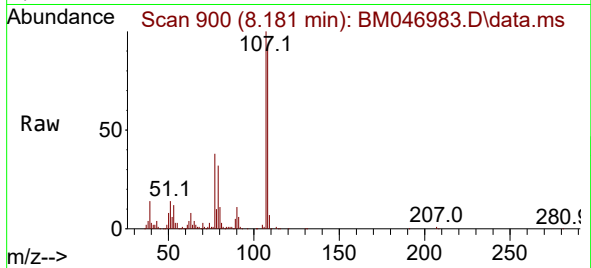




#18
4-Methylphenol
Concen: 21.589 ng/ul
RT: 8.181 min Scan# 900
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

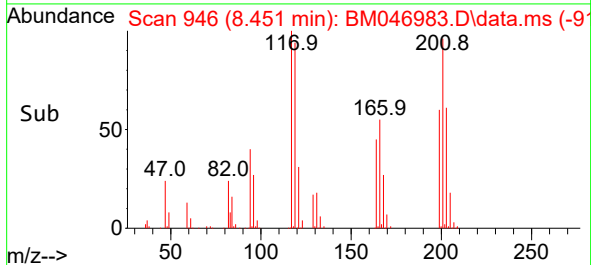
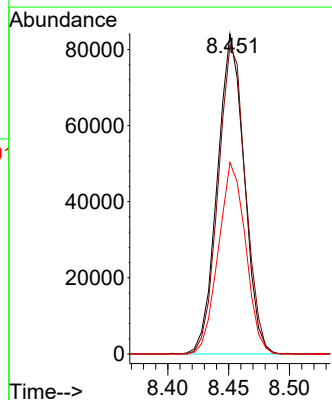
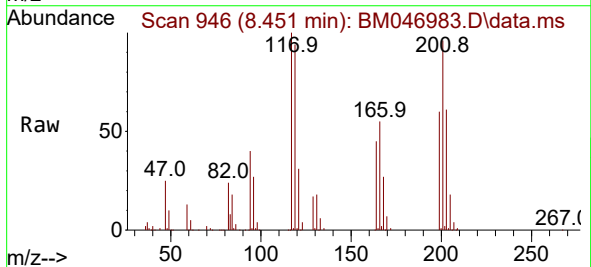
Instrument :
BNA_M
ClientSampleId :
SSTD020126

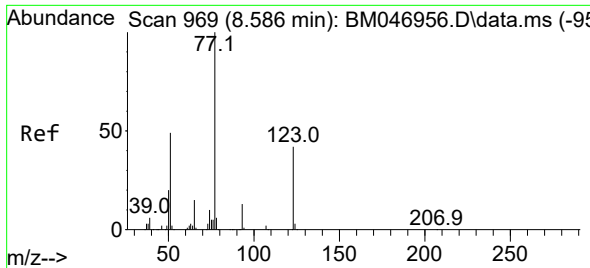
Tgt Ion:108 Resp: 279113
Ion Ratio Lower Upper
108 100
107 109.3 86.4 129.6



#19
Hexachloroethane
Concen: 19.792 ng/ul
RT: 8.451 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:117 Resp: 129051
Ion Ratio Lower Upper
117 100
201 96.4 72.7 109.1
199 59.8 46.9 70.3

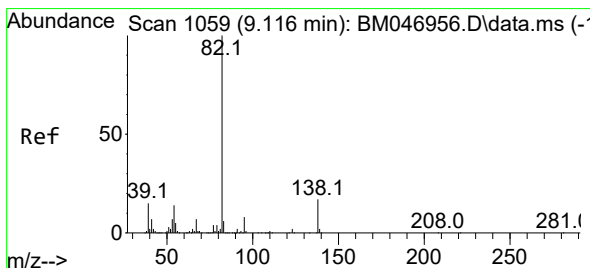
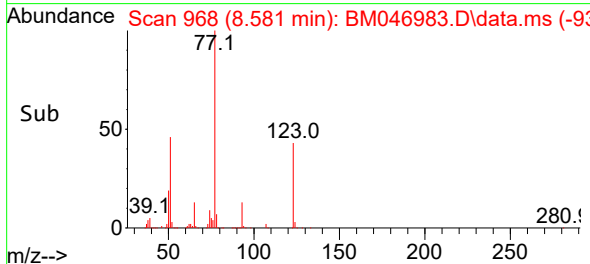
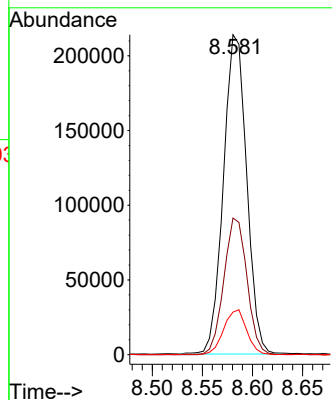
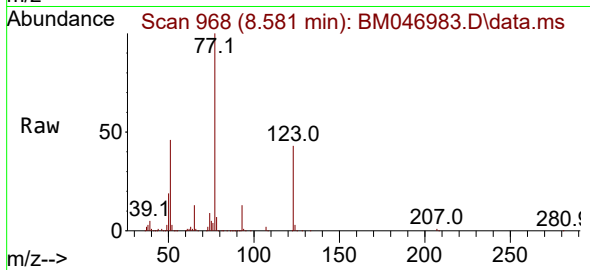




#22
Nitrobenzene
Concen: 20.142 ng/ul
RT: 8.581 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

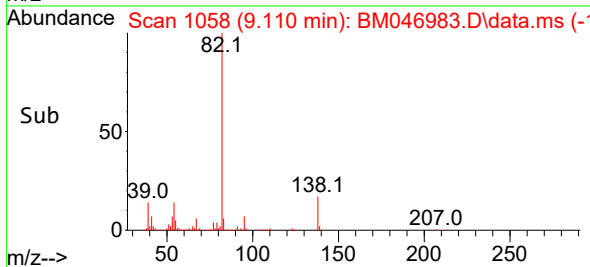
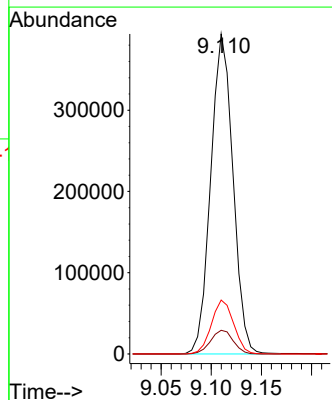
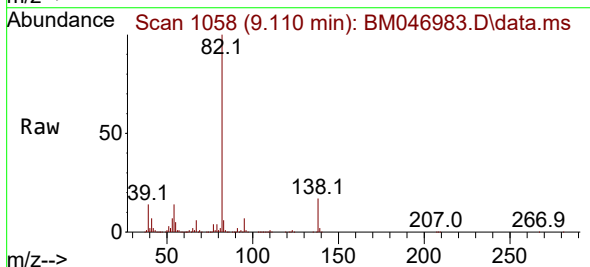
Instrument :
BNA_M
ClientSampleId :
SSTD020126

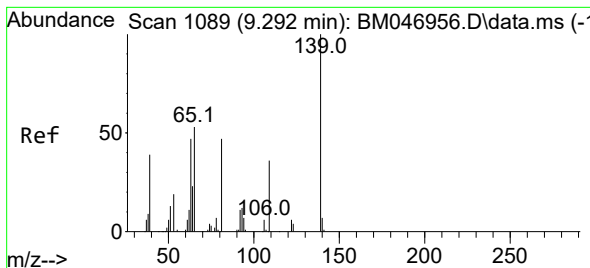
Tgt Ion: 77 Resp: 344865
Ion Ratio Lower Upper
77 100
123 42.7 31.4 47.2
65 13.3 12.1 18.1



#23
Isophorone
Concen: 20.701 ng/ul
RT: 9.110 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion: 82 Resp: 606455
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 16.9 13.6 20.4

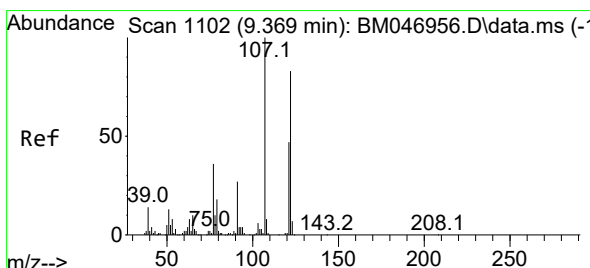
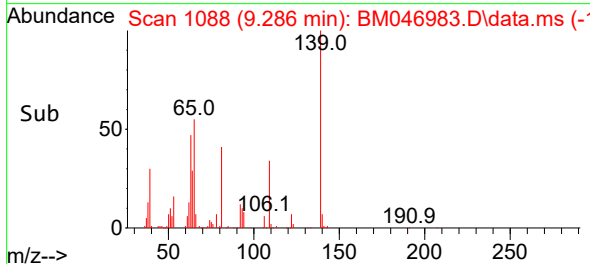
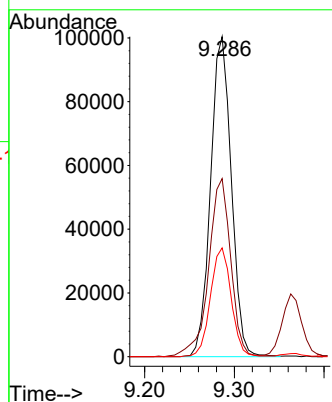
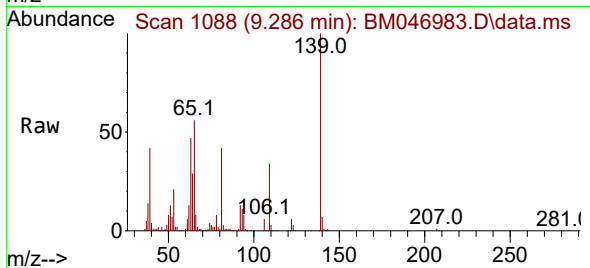




#25
2-Nitrophenol
Concen: 21.057 ng/ul
RT: 9.286 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

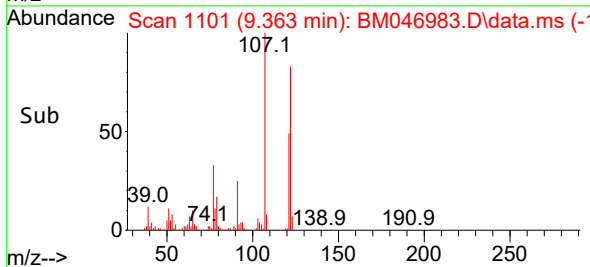
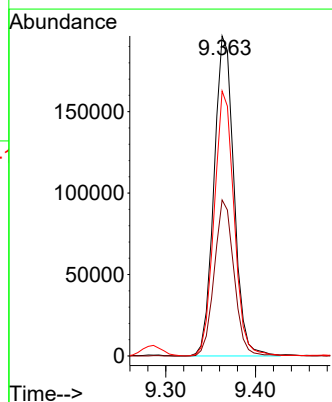
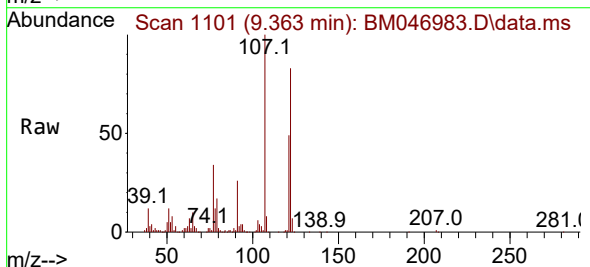
Instrument :
BNA_M
ClientSampleId :
SSTD020126

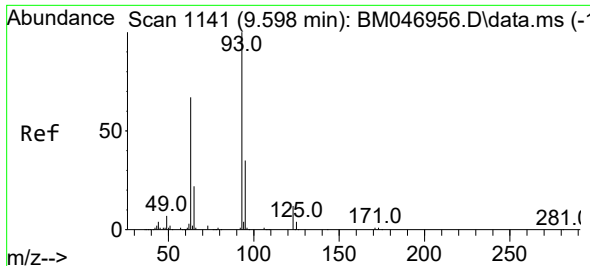
Tgt Ion:139 Resp: 161207
Ion Ratio Lower Upper
139 100
65 55.6 45.1 67.7
109 34.0 30.9 46.3



#26
2,4-Dimethylphenol
Concen: 20.155 ng/ul
RT: 9.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:107 Resp: 304153
Ion Ratio Lower Upper
107 100
121 48.8 37.3 55.9
122 82.8 65.8 98.6





#27

Bis(2-Chloroethoxy)methane

Concen: 20.726 ng/ul

RT: 9.598 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

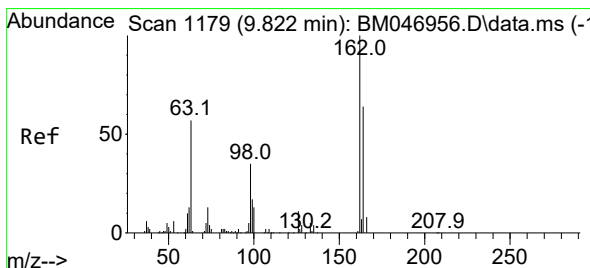
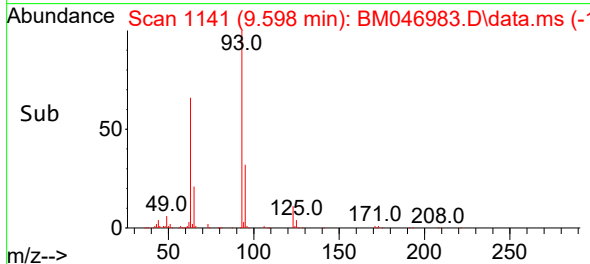
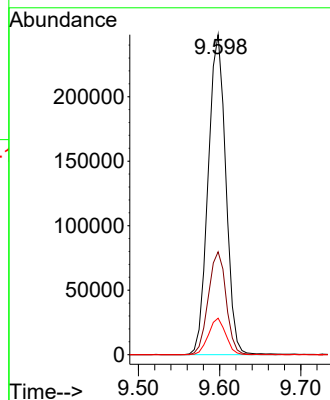
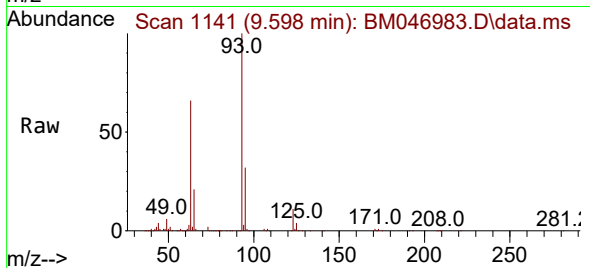
Tgt Ion: 93 Resp: 374309

Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 11.4 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 20.599 ng/ul

RT: 9.816 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

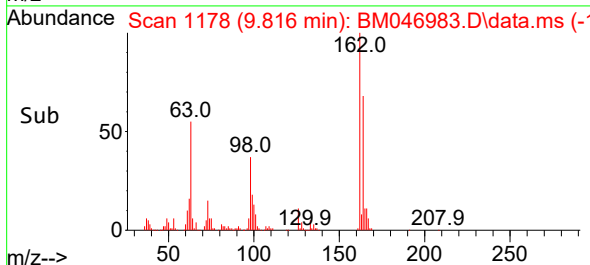
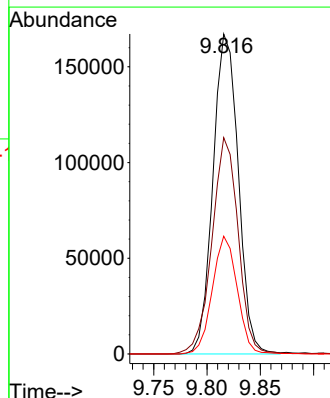
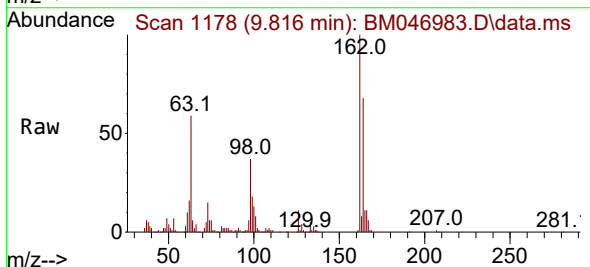
Tgt Ion: 162 Resp: 276054

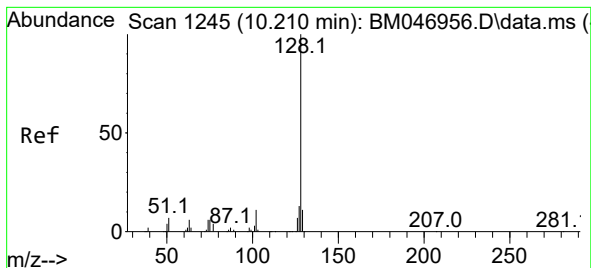
Ion Ratio Lower Upper

162 100

164 67.6 53.3 79.9

98 36.8 29.6 44.4

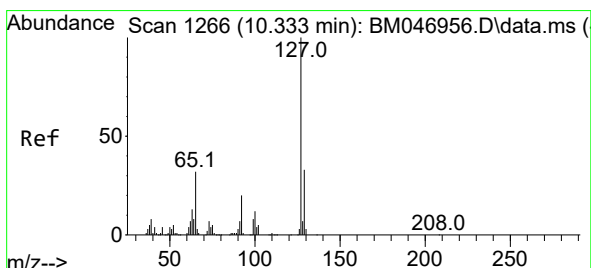
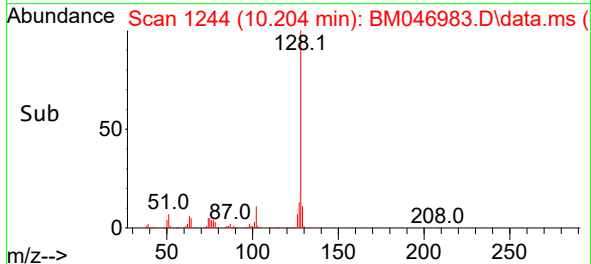
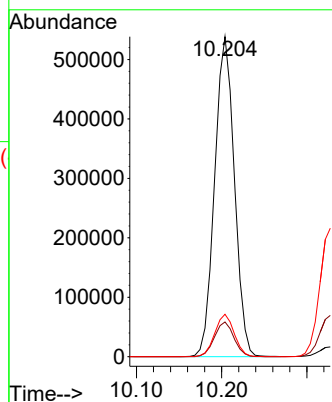
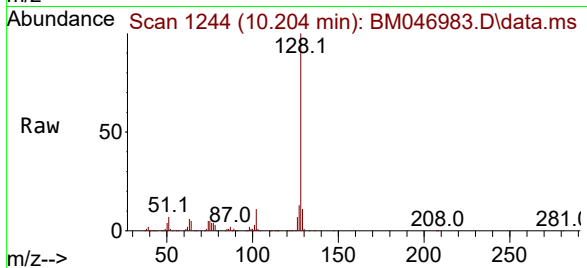




#30
Naphthalene
Concen: 20.485 ng/ul
RT: 10.204 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

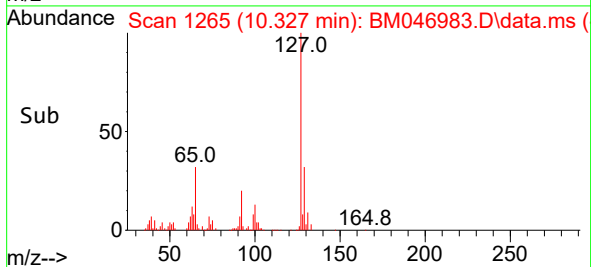
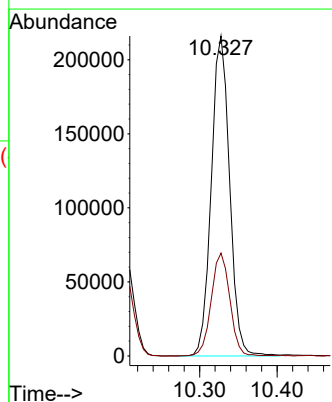
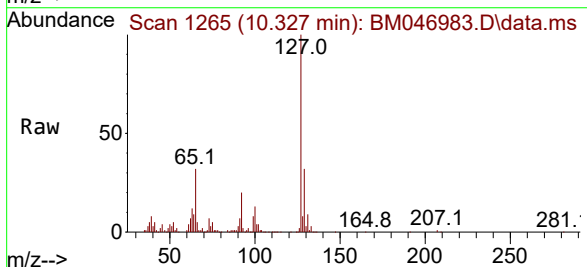
Instrument :
BNA_M
ClientSampleId :
SSTD020126

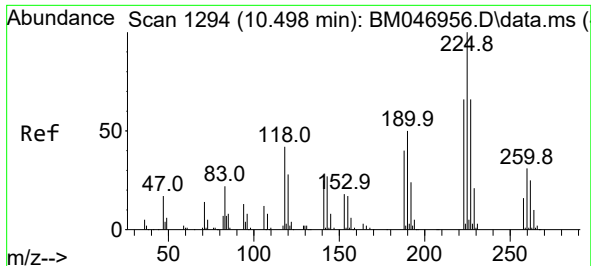
Tgt Ion:128 Resp: 866206
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.4 15.6



#32
4-Chloroaniline
Concen: 20.716 ng/ul
RT: 10.327 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:127 Resp: 355249
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4

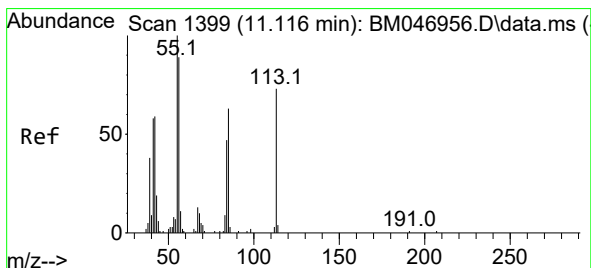
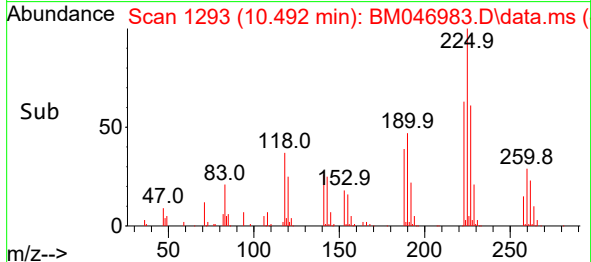
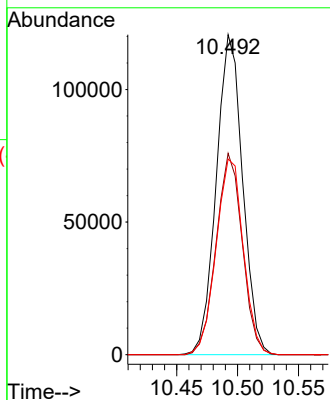
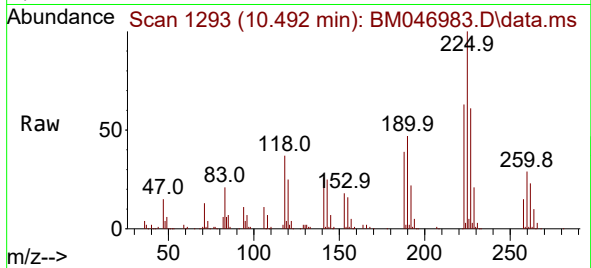




#33
Hexachlorobutadiene
Concen: 18.806 ng/ul
RT: 10.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

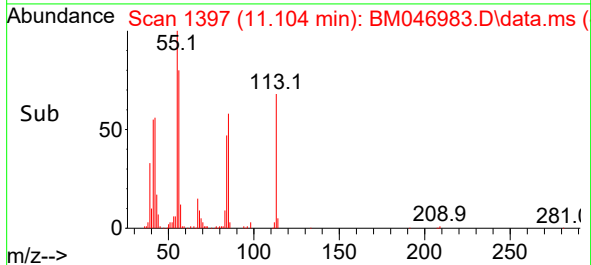
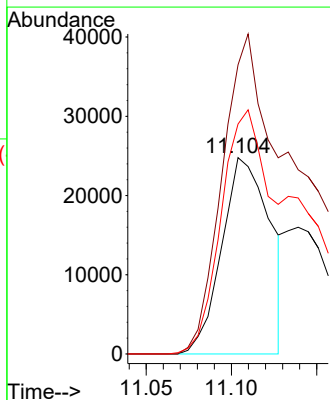
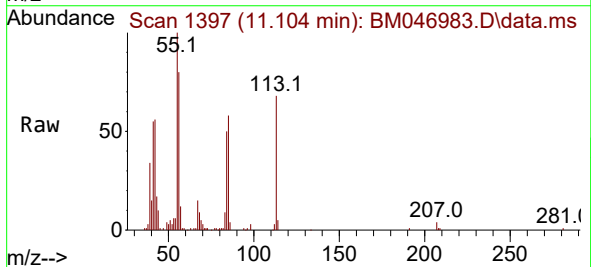
Instrument :
BNA_M
ClientSampleId :
SSTD020126

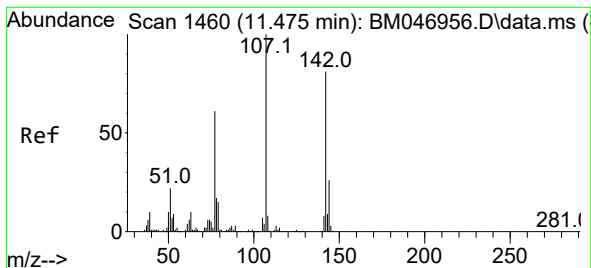
Tgt Ion:225 Resp: 181823
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.6
227 61.1 52.3 78.5



#34
Caprolactam
Concen: 11.997 ng/ul
RT: 11.104 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:113 Resp: 48687
Ion Ratio Lower Upper
113 100
55 147.3 106.3 159.5
56 117.1 94.6 141.8

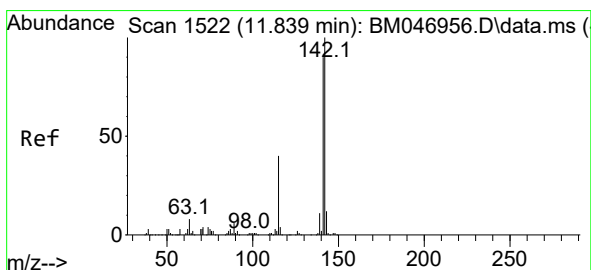
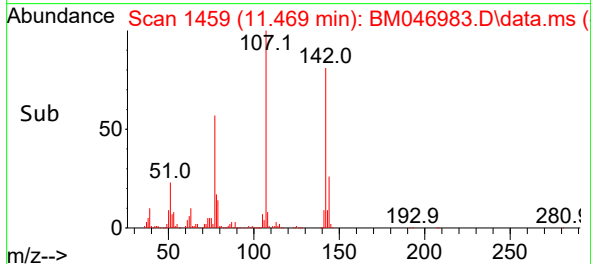
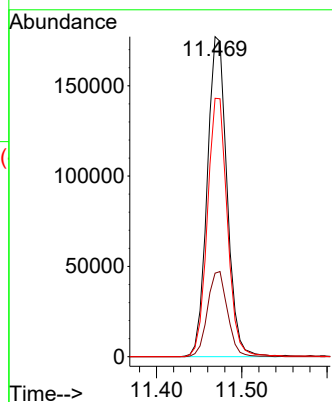
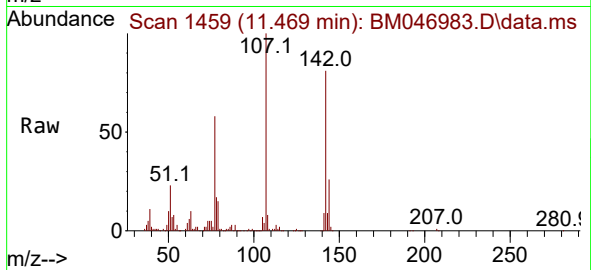




#35
4-Chloro-3-methylphenol
Concen: 20.704 ng/ul
RT: 11.469 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

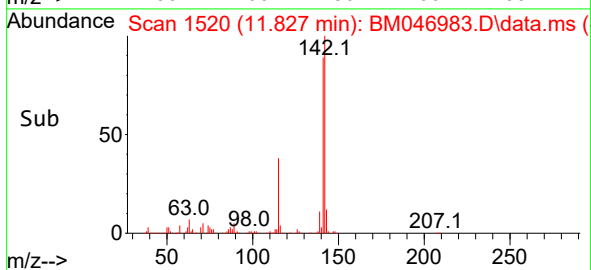
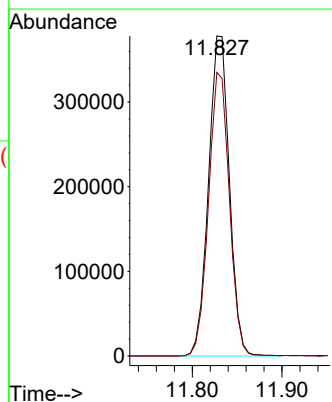
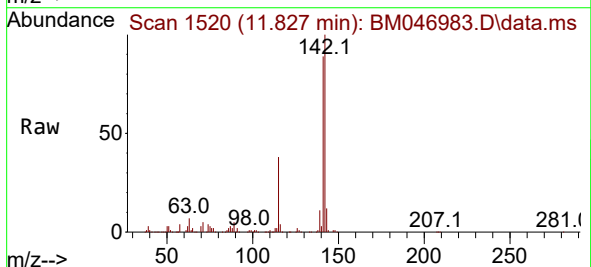
Instrument :
BNA_M
ClientSampleId :
SSTD020126

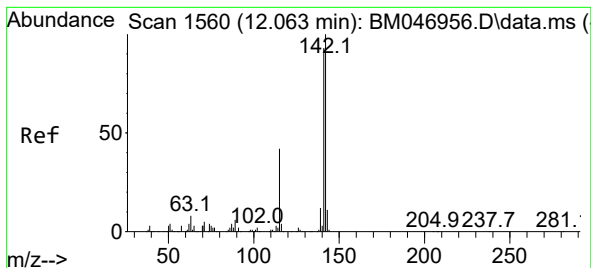
Tgt Ion:107 Resp: 286101
Ion Ratio Lower Upper
107 100
144 26.1 21.1 31.7
142 80.8 65.3 97.9



#36
2-Methylnaphthalene
Concen: 20.664 ng/ul
RT: 11.827 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:142 Resp: 610101
Ion Ratio Lower Upper
142 100
141 88.6 69.9 104.9





#37

1-Methylnaphthalene

Concen: 20.403 ng/ul

RT: 12.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

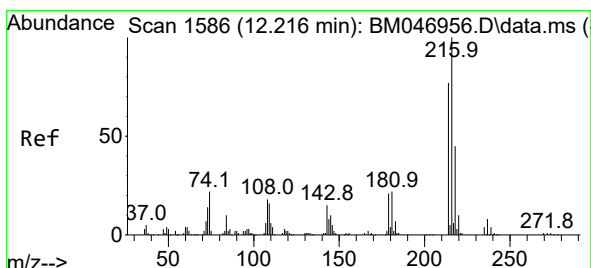
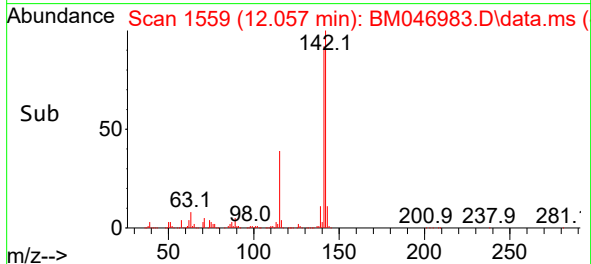
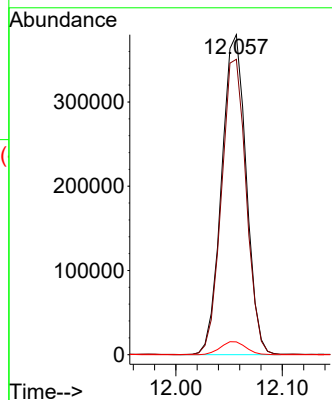
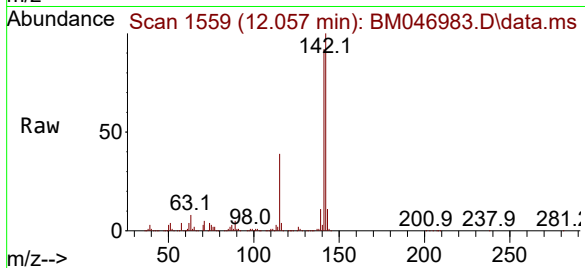
Tgt Ion:142 Resp: 609805

Ion Ratio Lower Upper

142 100

141 92.3 72.0 108.0

116 4.0 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.381 ng/ul

RT: 12.210 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Tgt Ion:216 Resp: 329861

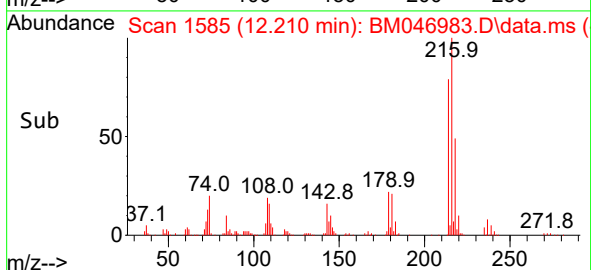
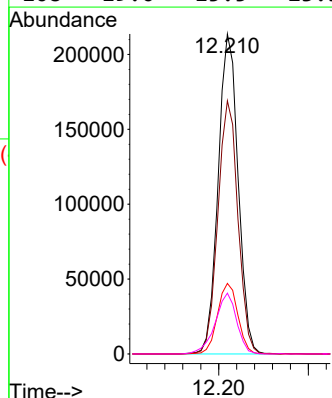
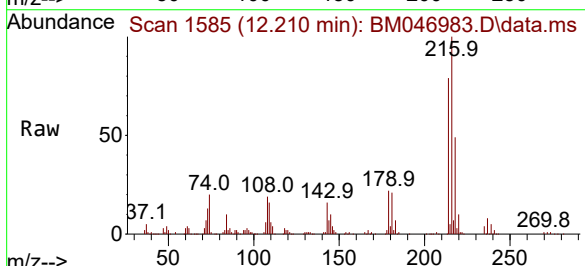
Ion Ratio Lower Upper

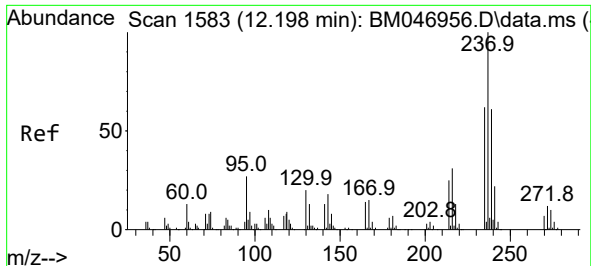
216 100

214 79.1 63.7 95.5

179 22.1 17.3 25.9

108 19.0 15.5 23.3

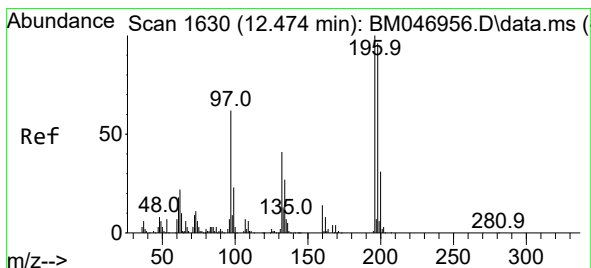
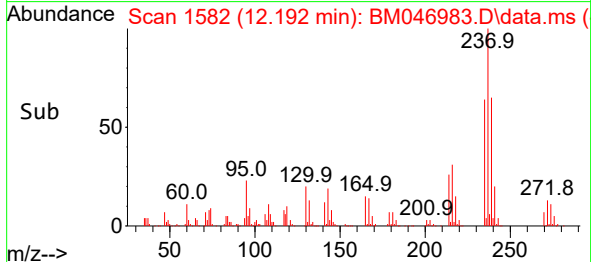
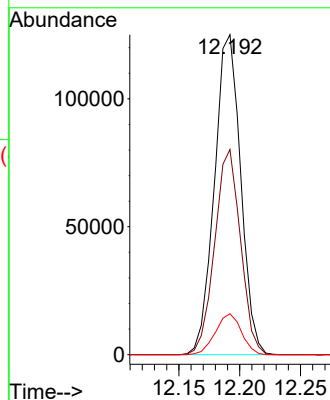
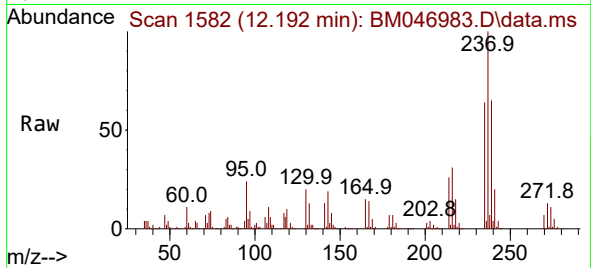




#40
Hexachlorocyclopentadiene
Concen: 17.594 ng/ul
RT: 12.192 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

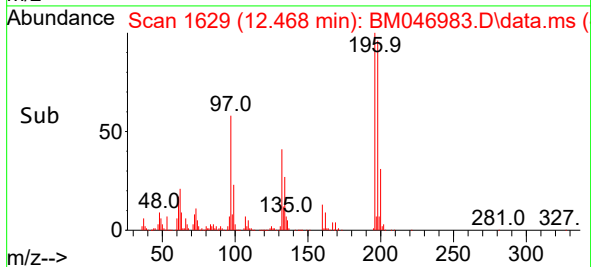
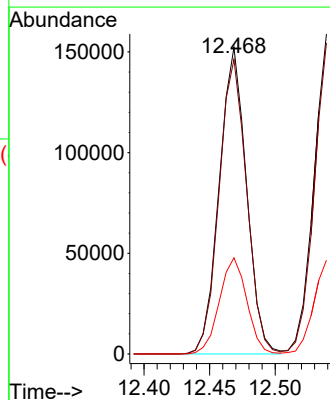
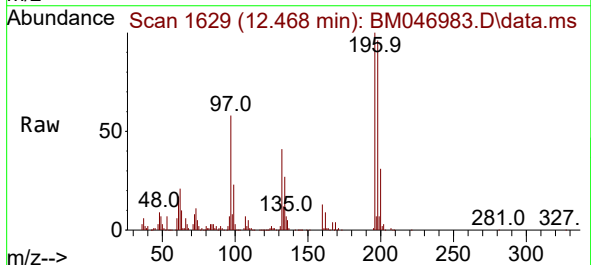
Instrument :
BNA_M
ClientSampleId :
SSTD020126

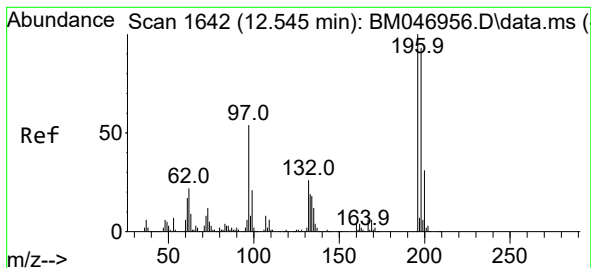
Tgt Ion:237 Resp: 187574
Ion Ratio Lower Upper
237 100
235 64.1 48.4 72.6
272 12.8 8.8 13.2



#41
2,4,6-Trichlorophenol
Concen: 20.777 ng/ul
RT: 12.468 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:196 Resp: 220099
Ion Ratio Lower Upper
196 100
198 96.1 78.7 118.1
200 31.4 23.9 35.9





#42

2,4,5-Trichlorophenol

Concen: 21.079 ng/ul

RT: 12.539 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

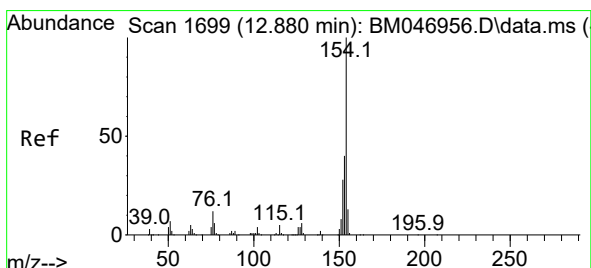
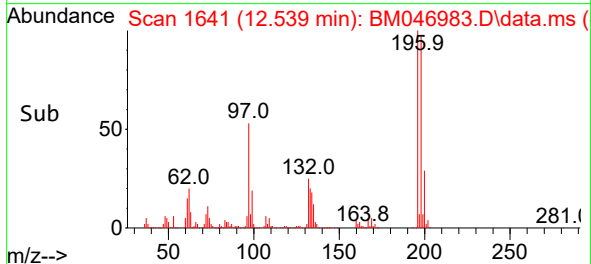
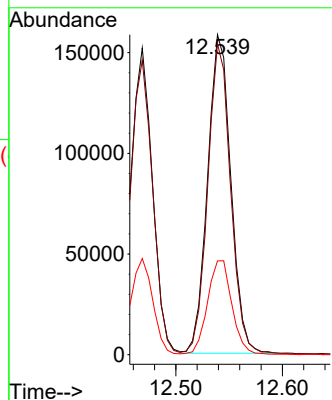
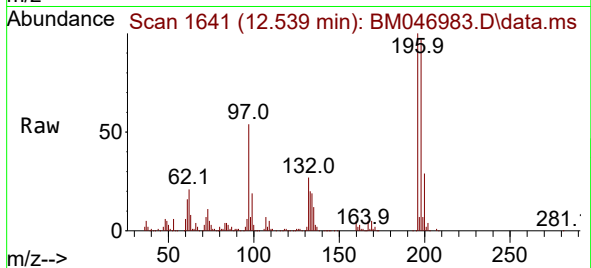
Tgt Ion:196 Resp: 241097

Ion Ratio Lower Upper

196 100

198 97.2 76.2 114.2

200 29.3 25.0 37.6



#43

1,1'-Biphenyl

Concen: 20.634 ng/ul

RT: 12.874 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

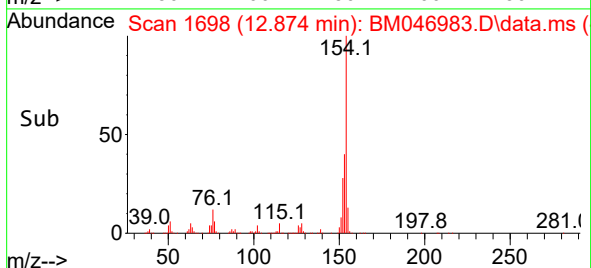
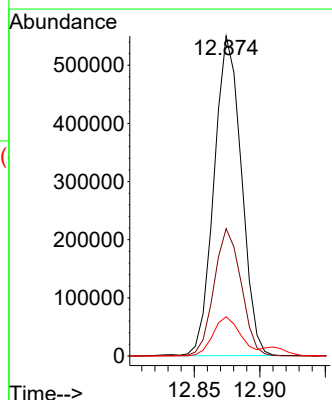
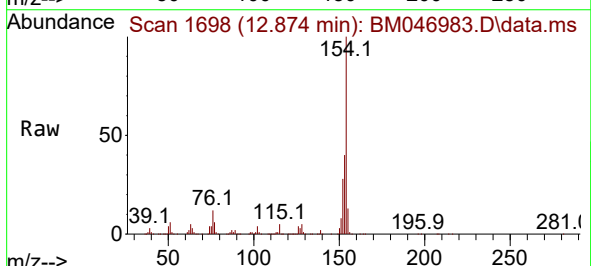
Tgt Ion:154 Resp: 796630

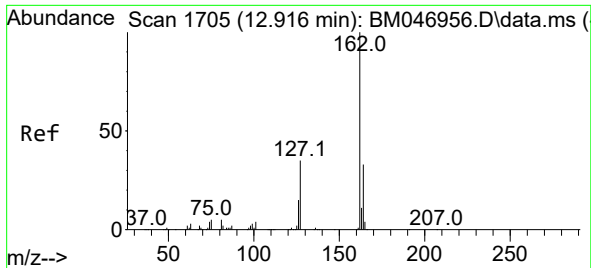
Ion Ratio Lower Upper

154 100

153 39.8 30.7 46.1

76 12.2 9.3 13.9

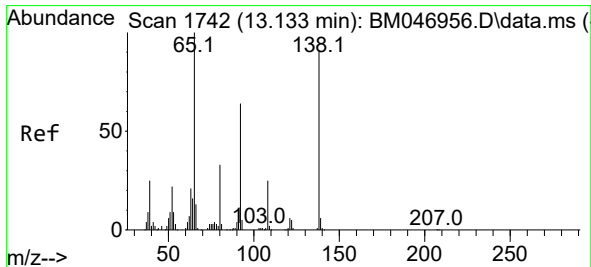
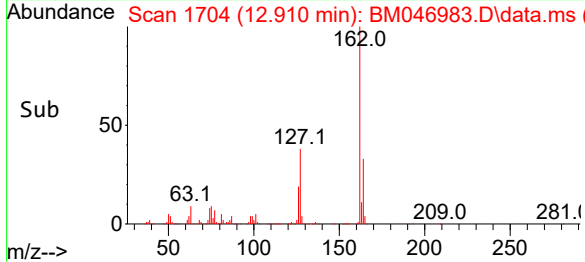
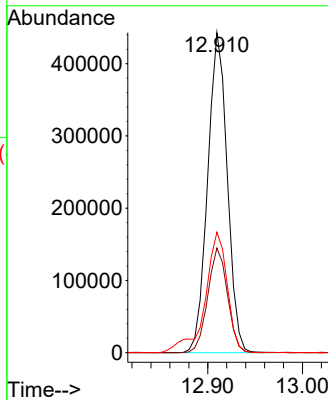
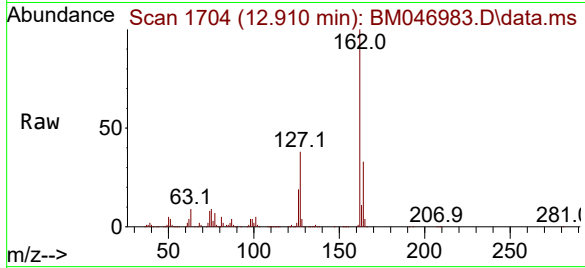




#44
2-Chloronaphthalene
Concen: 20.756 ng/ul
RT: 12.910 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

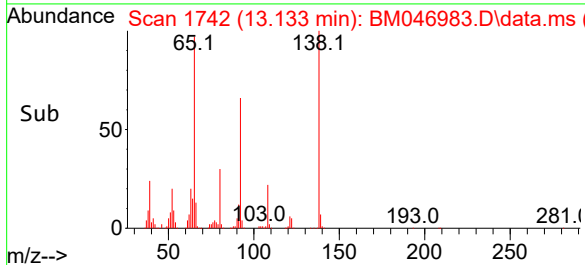
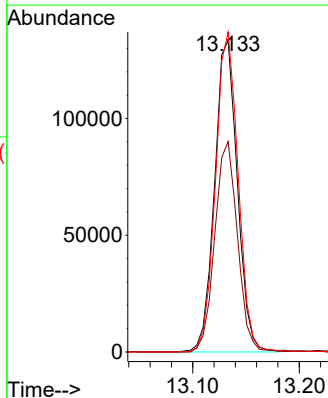
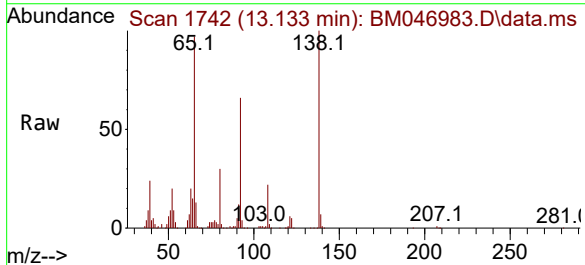
Instrument :
BNA_M
ClientSampleId :
SSTD020126

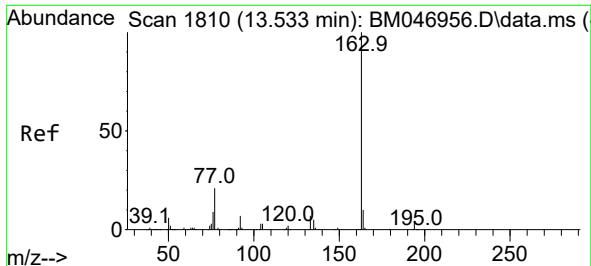
Tgt Ion:162 Resp: 636359
Ion Ratio Lower Upper
162 100
164 32.7 26.5 39.7
127 37.6 30.6 45.8



#45
2-Nitroaniline
Concen: 21.268 ng/ul
RT: 13.133 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion: 65 Resp: 198150
Ion Ratio Lower Upper
65 100
92 67.5 54.0 81.0
138 102.7 81.0 121.4





#47

Dimethylphthalate

Concen: 20.296 ng/ul

RT: 13.527 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

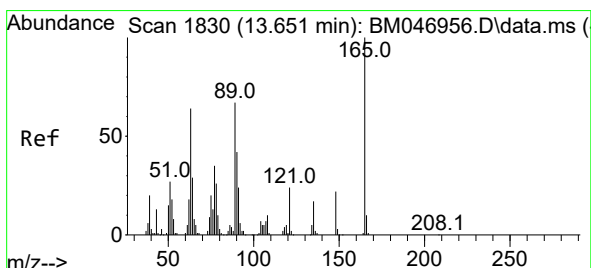
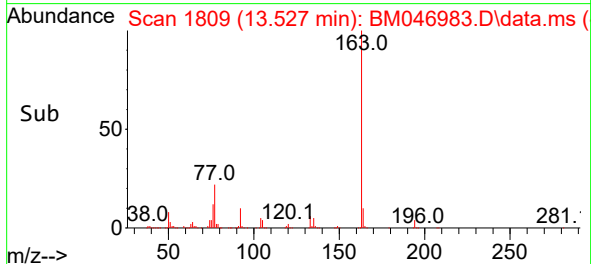
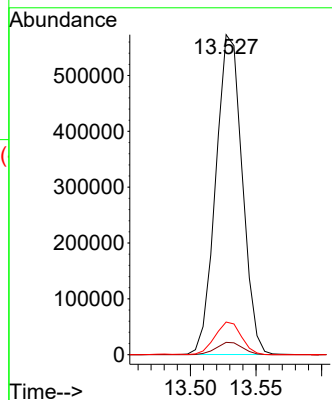
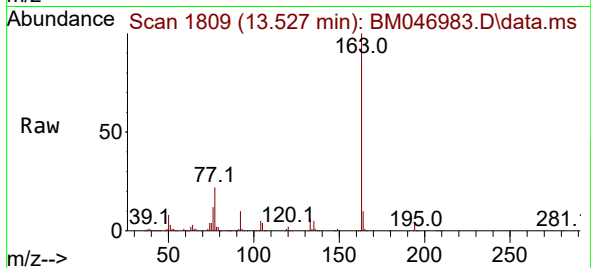
Tgt Ion:163 Resp: 803624

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 21.333 ng/ul

RT: 13.645 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

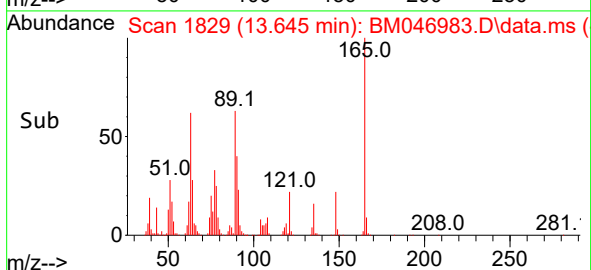
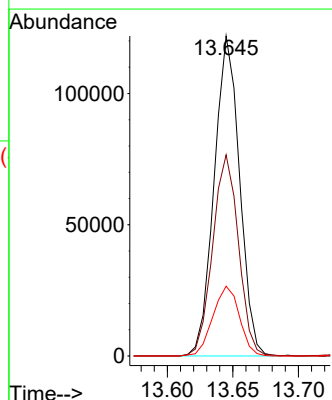
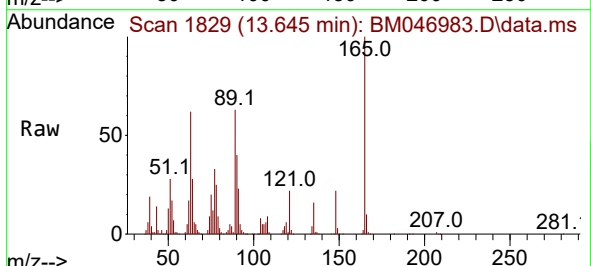
Tgt Ion:165 Resp: 164203

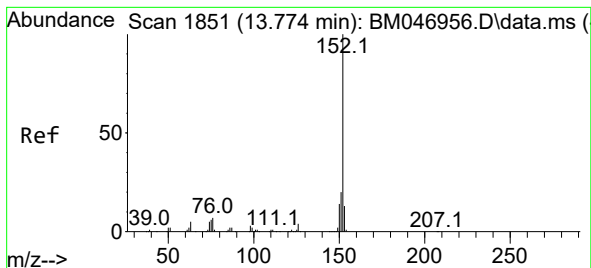
Ion Ratio Lower Upper

165 100

89 62.9 57.8 86.8

121 21.8 19.4 29.0





#50

Acenaphthylene

Concen: 20.939 ng/ul

RT: 13.768 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

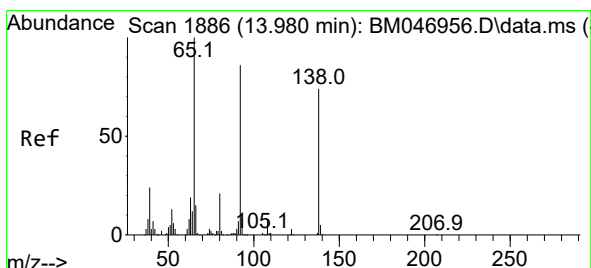
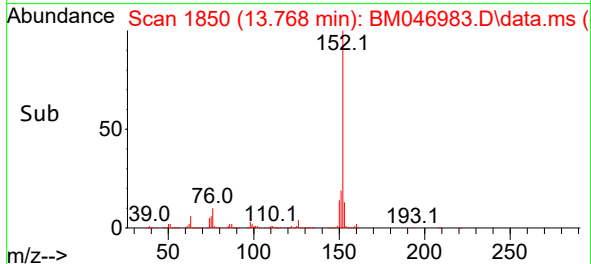
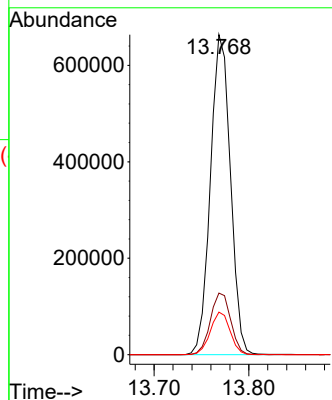
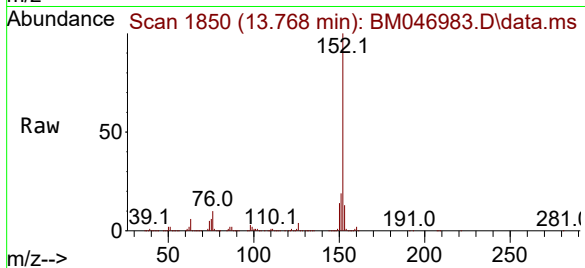
Tgt Ion:152 Resp: 974000

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

153 13.3 10.1 15.1



#51

3-Nitroaniline

Concen: 21.258 ng/ul

RT: 13.974 min Scan# 1885

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

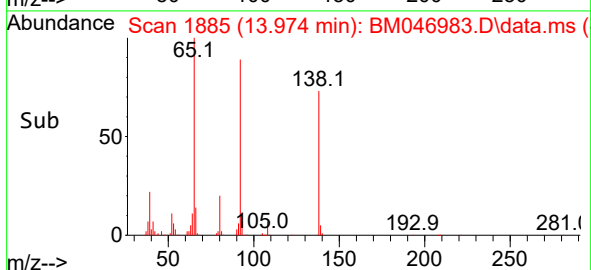
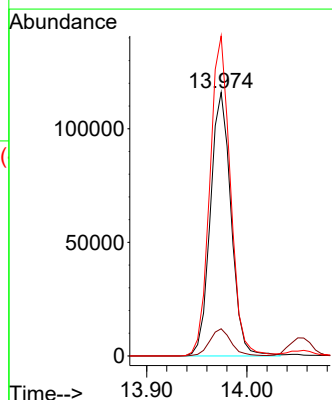
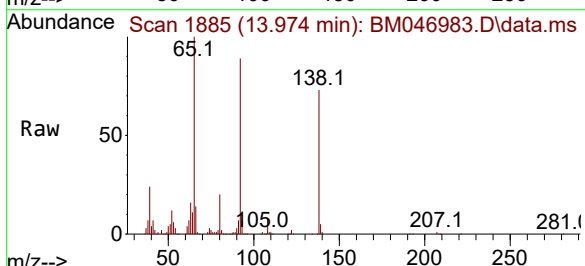
Tgt Ion:138 Resp: 166635

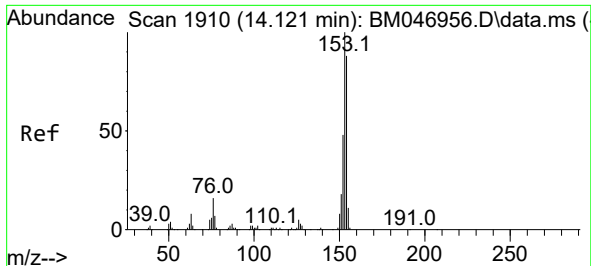
Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.2

92 121.4 96.6 144.8

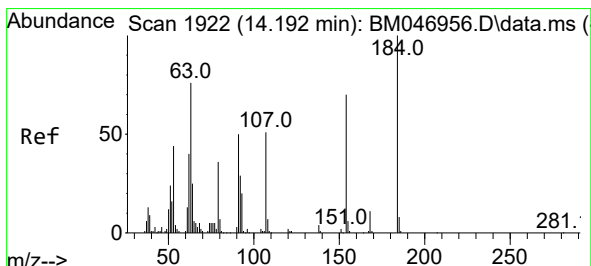
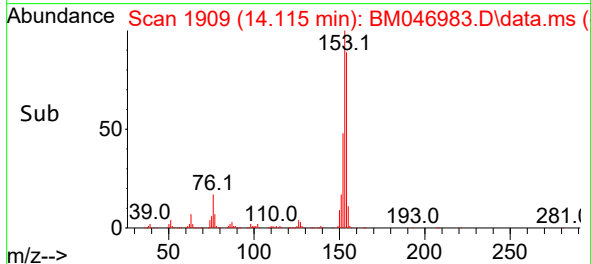
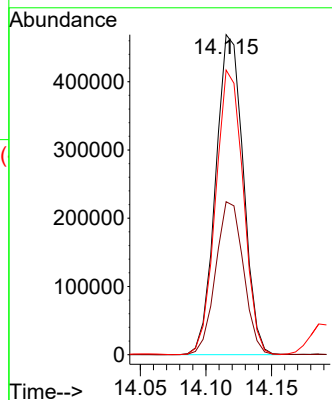
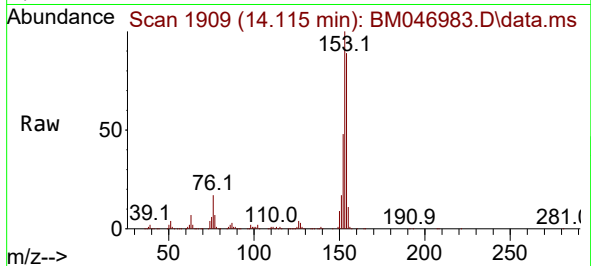




#52
Acenaphthene
Concen: 20.481 ng/ul
RT: 14.115 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

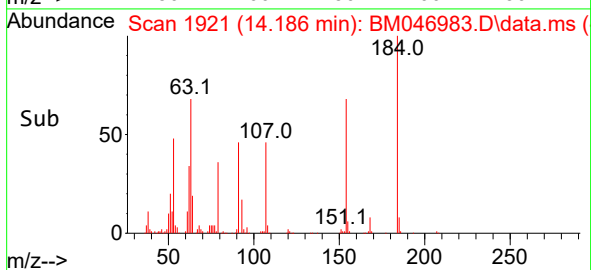
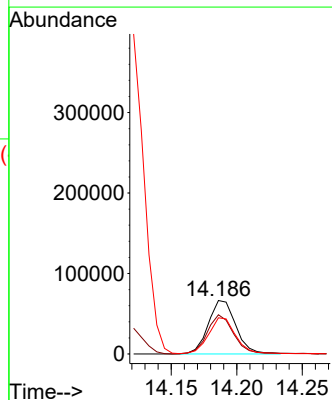
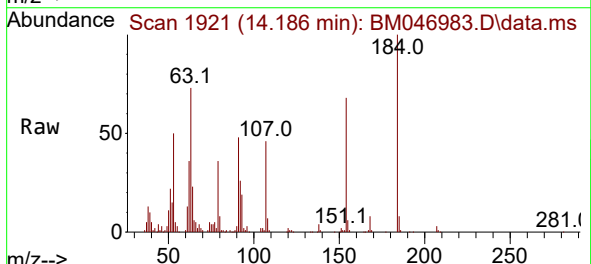
Instrument :
BNA_M
ClientSampleId :
SSTD020126

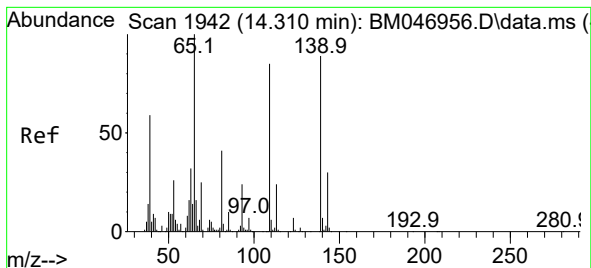
Tgt Ion:153 Resp: 686830
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.2
154 88.9 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 17.948 ng/ul
RT: 14.186 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:184 Resp: 97473
Ion Ratio Lower Upper
184 100
63 73.4 61.9 92.9
154 67.6 55.6 83.4





#55

4-Nitrophenol

Concen: 18.243 ng/ul

RT: 14.310 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

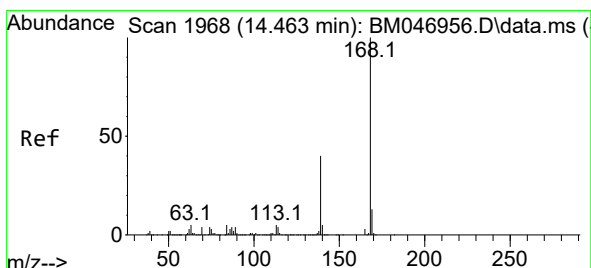
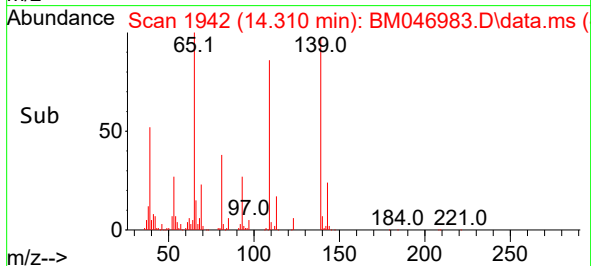
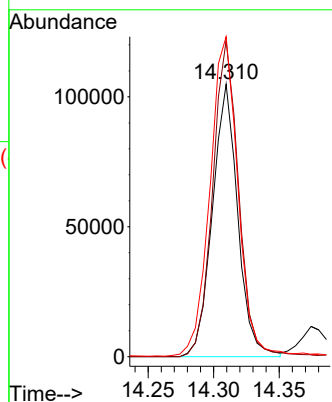
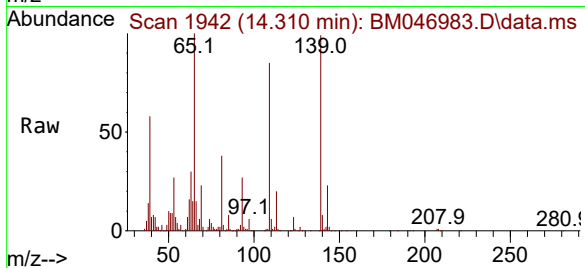
Tgt Ion:109 Resp: 140864

Ion Ratio Lower Upper

109 100

139 116.0 82.3 123.5

65 117.4 92.6 139.0



#56

Dibenzofuran

Concen: 20.475 ng/ul

RT: 14.457 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BM046983.D

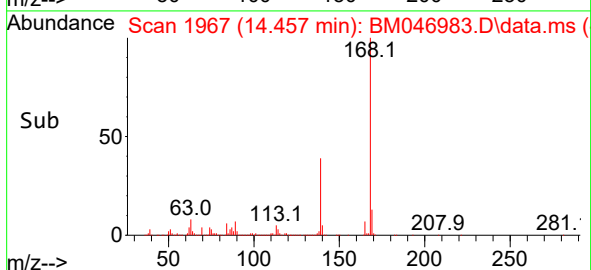
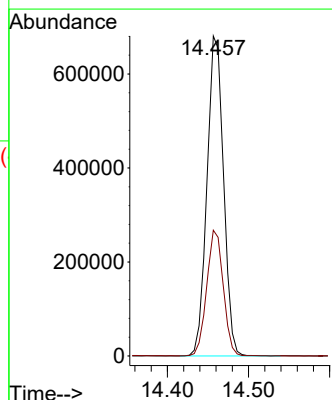
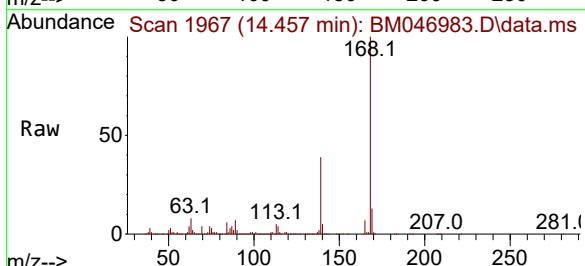
Acq: 04 Aug 2024 04:10

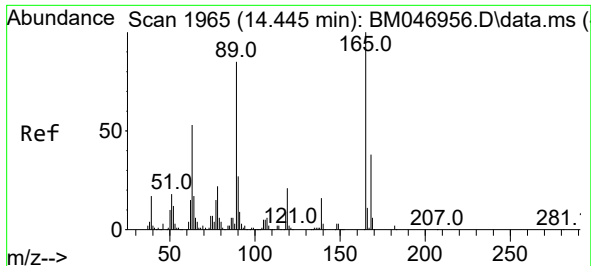
Tgt Ion:168 Resp: 963673

Ion Ratio Lower Upper

168 100

139 39.3 33.0 49.4





#57

2,4-Dinitrotoluene

Concen: 21.237 ng/ul

RT: 14.439 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

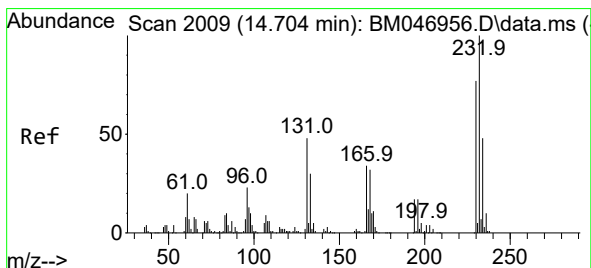
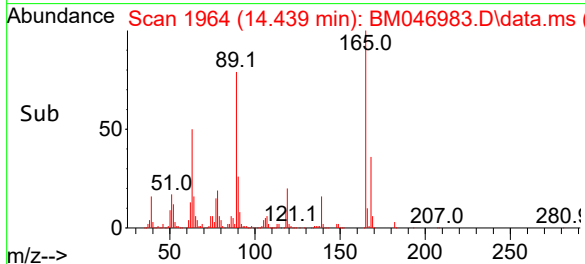
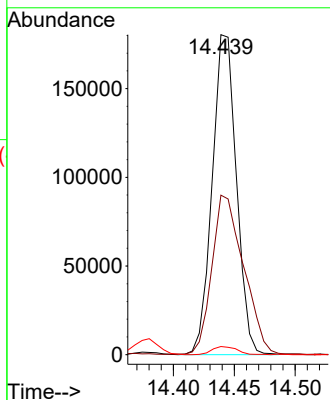
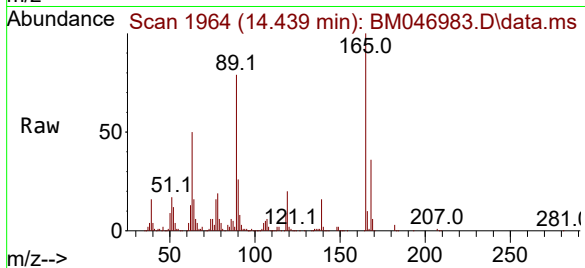
Tgt Ion:165 Resp: 249800

Ion Ratio Lower Upper

165 100

63 49.8 41.4 62.0

182 2.6 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.837 ng/ul

RT: 14.698 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Tgt Ion:232 Resp: 201697

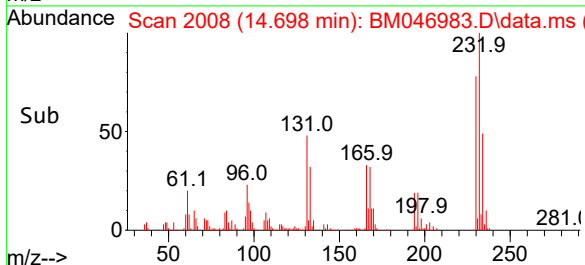
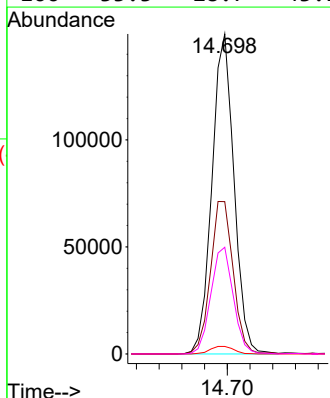
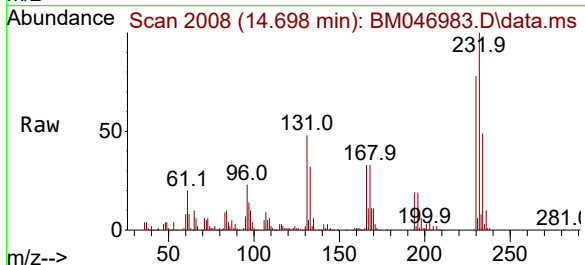
Ion Ratio Lower Upper

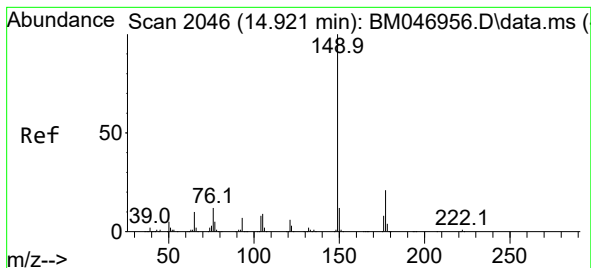
232 100

131 47.6 40.8 61.2

130 2.4 2.6 3.8#

166 33.3 28.7 43.1





#59

Diethylphthalate

Concen: 19.743 ng/ul

RT: 14.915 min Scan# 2045

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

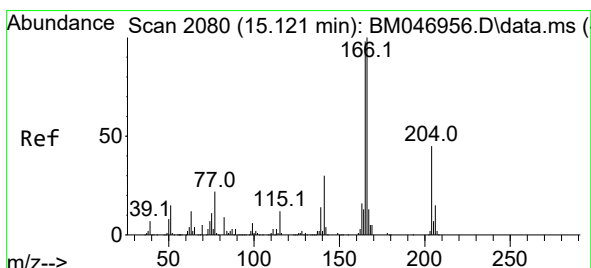
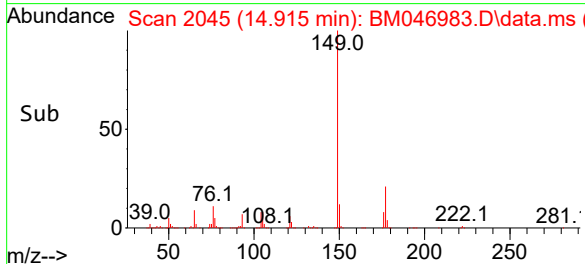
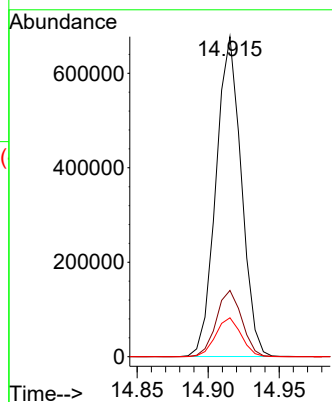
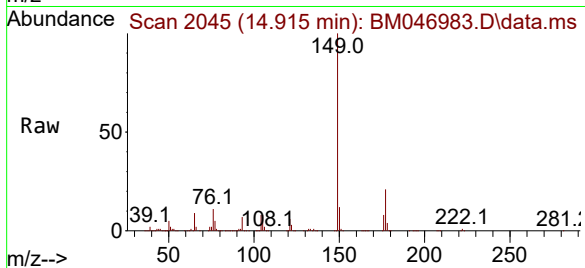
Tgt Ion:149 Resp: 840930

Ion Ratio Lower Upper

149 100

177 20.7 16.5 24.7

150 12.2 9.7 14.5



#61

Fluorene

Concen: 20.070 ng/ul

RT: 15.115 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

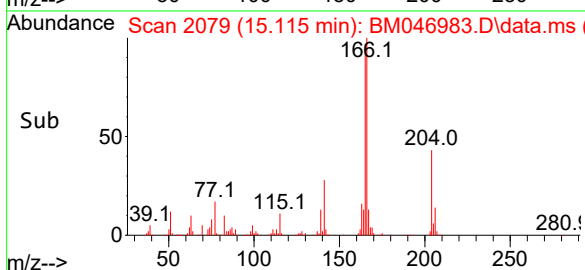
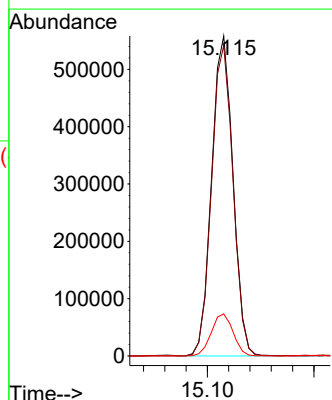
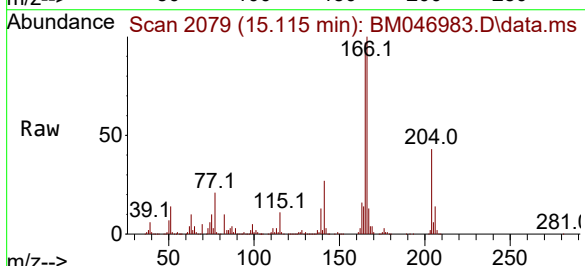
Tgt Ion:166 Resp: 779120

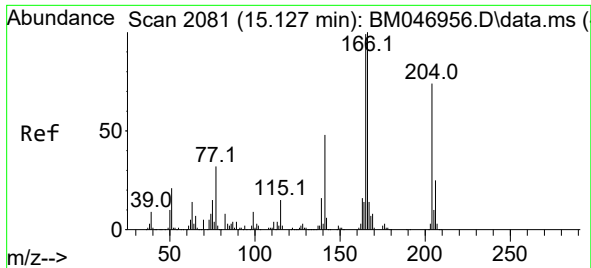
Ion Ratio Lower Upper

166 100

165 97.1 79.5 119.3

167 13.2 11.5 17.3

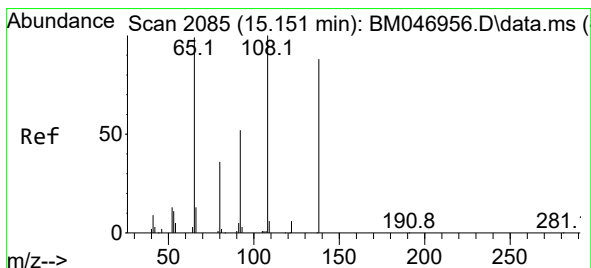
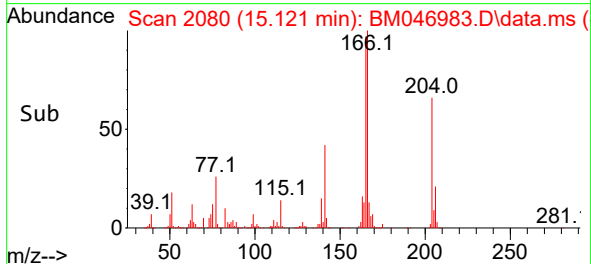
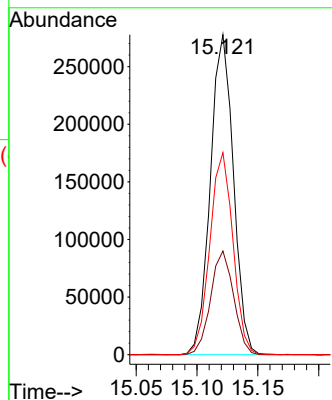
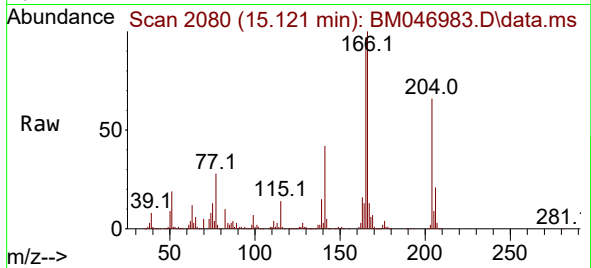




#62
4-Chlorophenyl-phenylether
Concen: 19.194 ng/ul
RT: 15.121 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

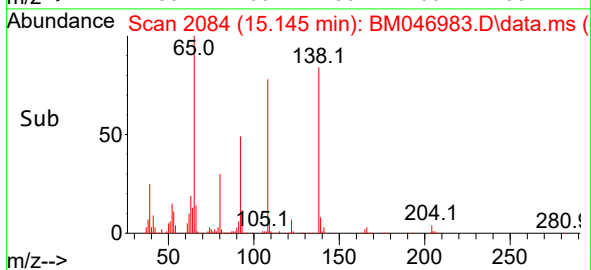
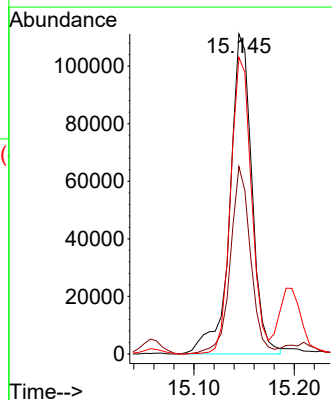
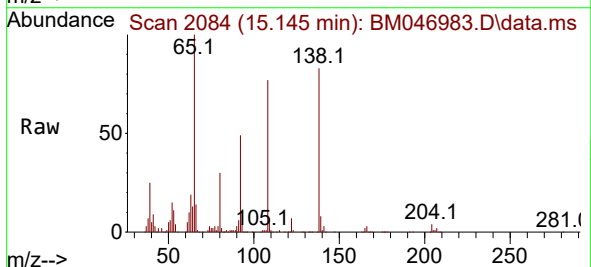
Instrument :
BNA_M
ClientSampleId :
SSTD020126

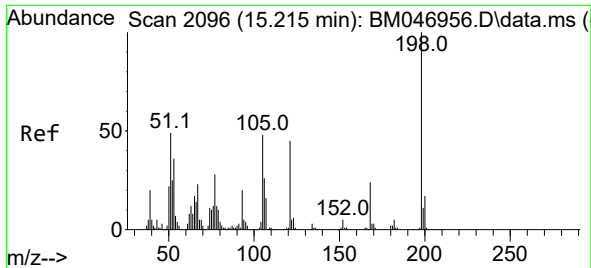
Tgt Ion:204 Resp: 366807
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.4
141 63.1 52.2 78.4



#63
4-Nitroaniline
Concen: 21.962 ng/ul
RT: 15.145 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:138 Resp: 170128
Ion Ratio Lower Upper
138 100
92 58.6 47.7 71.5
108 92.7 87.3 130.9

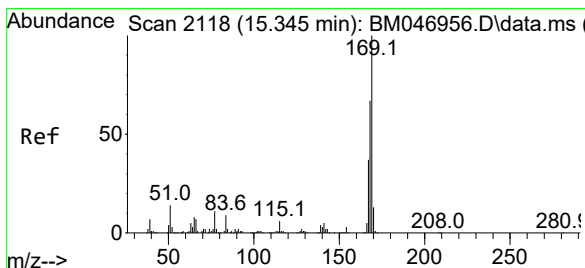
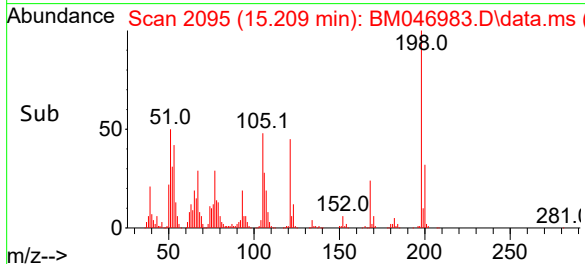
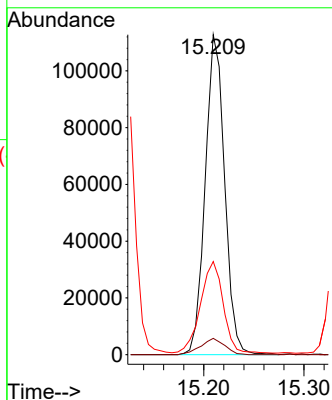
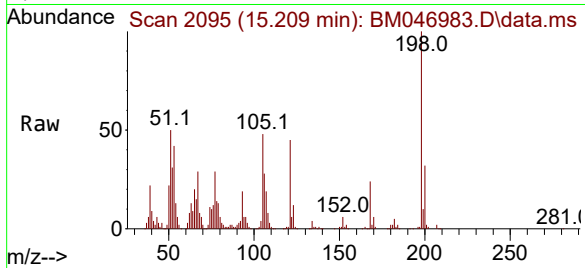




#66
4,6-Dinitro-2-methylphenol
Concen: 19.850 ng/ul
RT: 15.209 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

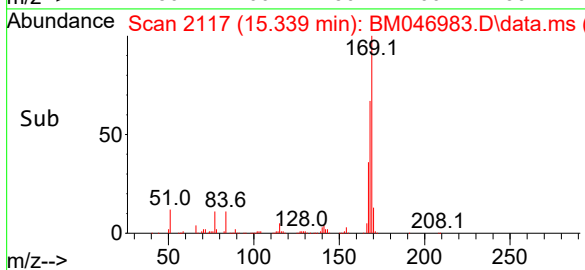
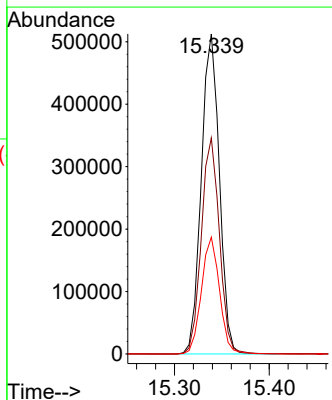
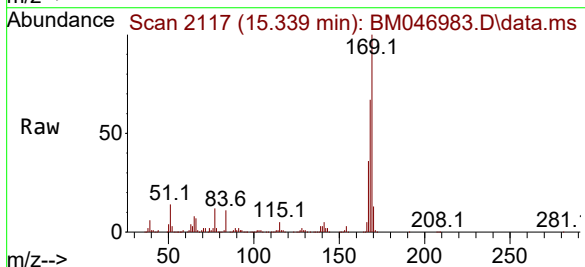
Instrument :
BNA_M
ClientSampleId :
SSTD020126

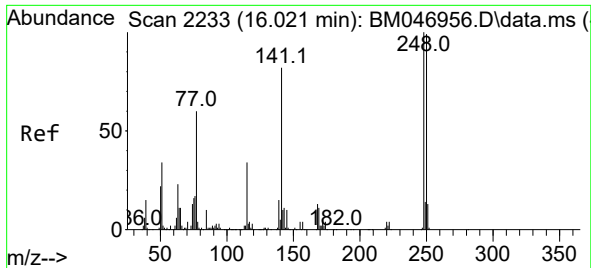
Tgt Ion:198 Resp: 151668
Ion Ratio Lower Upper
198 100
182 5.1 3.6 5.4
77 29.1 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 20.741 ng/ul
RT: 15.339 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:169 Resp: 679457
Ion Ratio Lower Upper
169 100
168 67.5 54.0 81.0
167 36.5 30.2 45.2

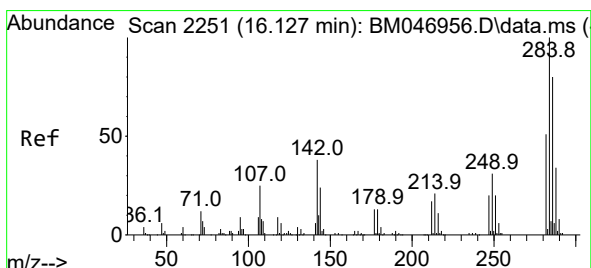
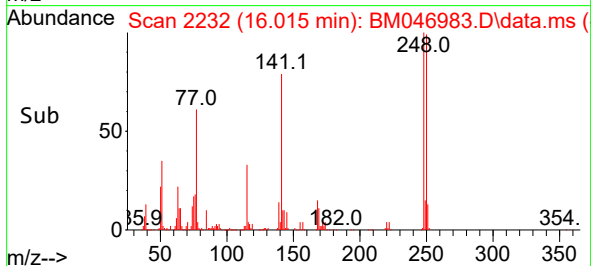
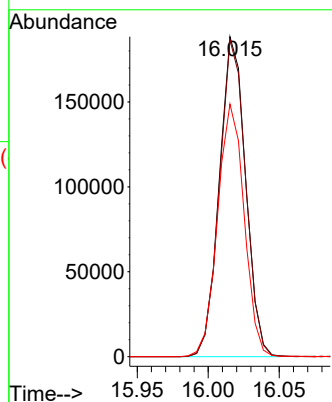
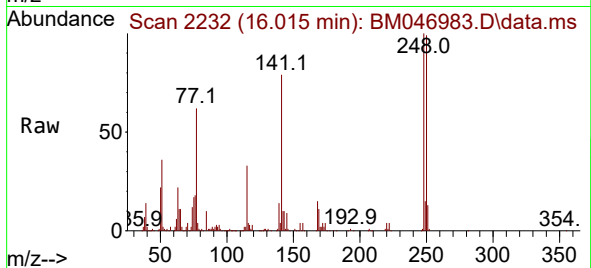




#68
4-Bromophenyl-phenylether
Concen: 20.249 ng/ul
RT: 16.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

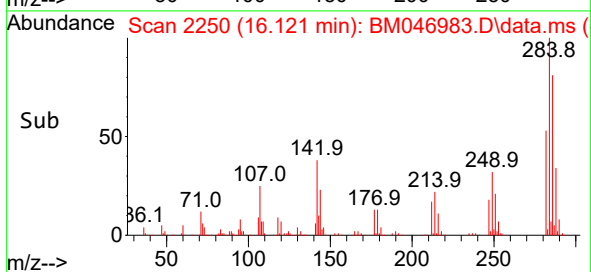
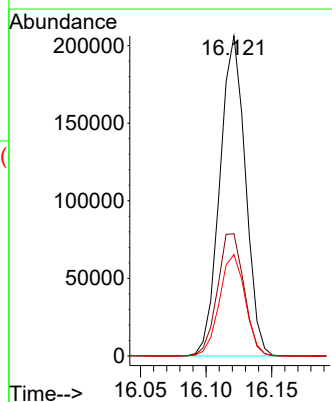
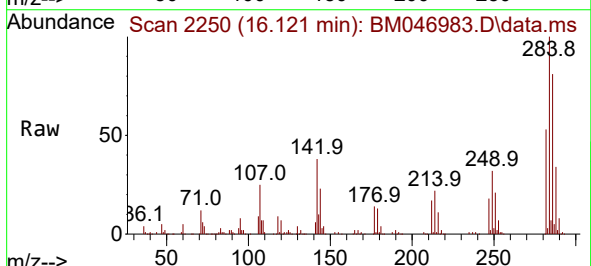
Instrument :
BNA_M
ClientSampleId :
SSTD020126

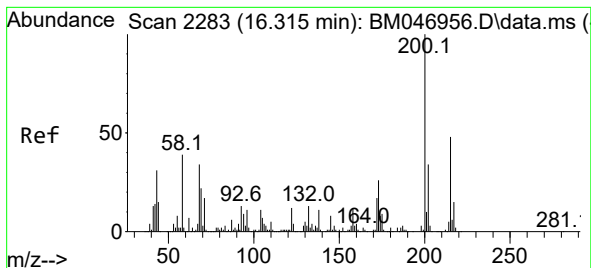
Tgt Ion:248 Resp: 242240
Ion Ratio Lower Upper
248 100
250 99.0 80.7 121.1
141 78.9 68.6 103.0



#69
Hexachlorobenzene
Concen: 19.844 ng/ul
RT: 16.121 min Scan# 2250
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:284 Resp: 279534
Ion Ratio Lower Upper
284 100
142 38.2 30.0 45.0
249 31.7 24.6 36.8





#70

Atrazine

Concen: 19.804 ng/ul

RT: 16.309 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

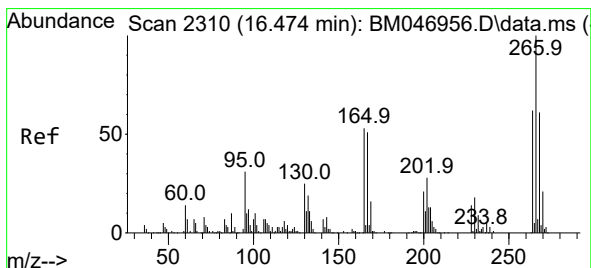
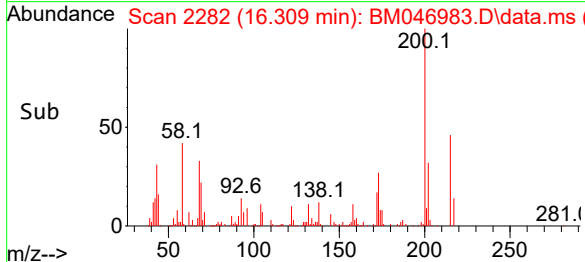
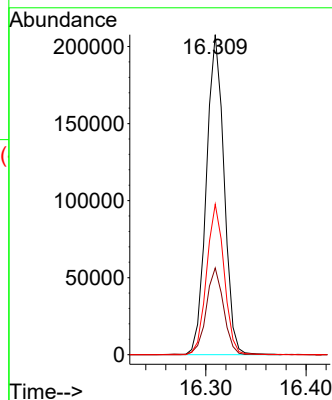
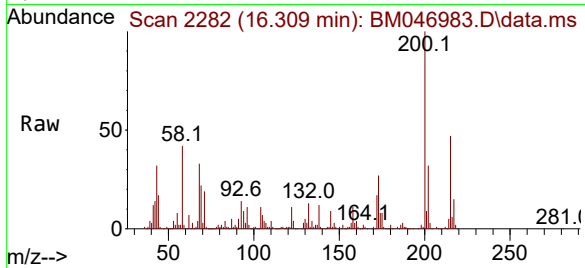
Tgt Ion:200 Resp: 254552

Ion Ratio Lower Upper

200 100

173 27.1 21.4 32.0

215 47.0 36.7 55.1



#71

Pentachlorophenol

Concen: 19.526 ng/ul

RT: 16.474 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

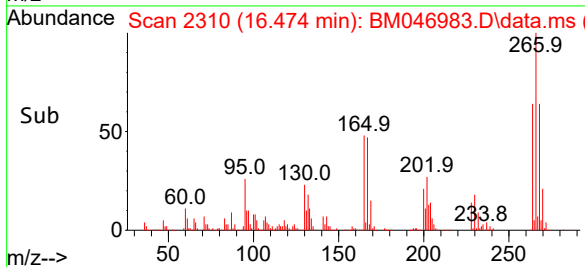
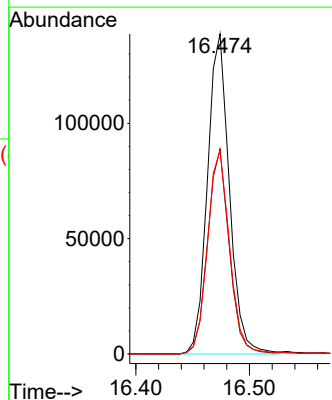
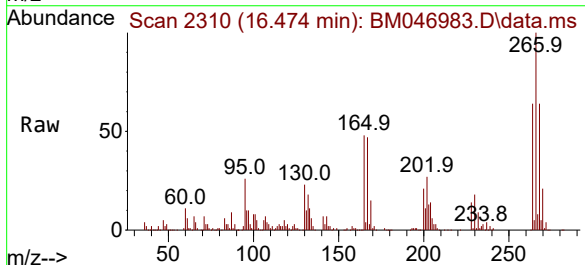
Tgt Ion:266 Resp: 186221

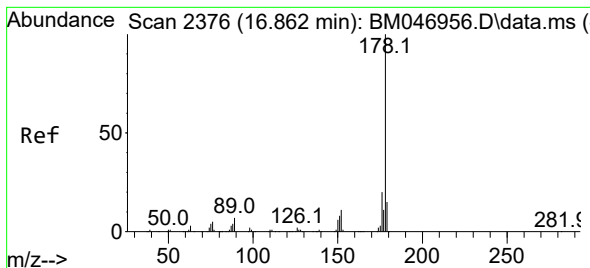
Ion Ratio Lower Upper

266 100

264 64.1 50.7 76.1

268 63.5 53.0 79.6





#72

Phenanthrene

Concen: 20.426 ng/ul

RT: 16.856 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

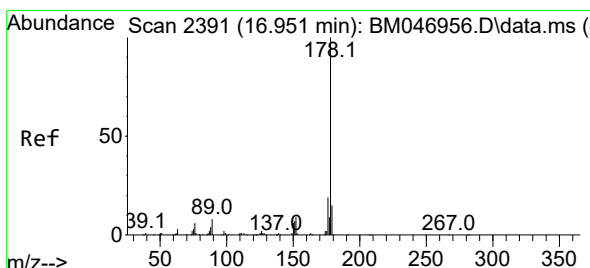
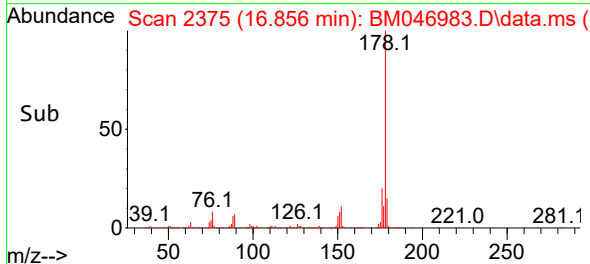
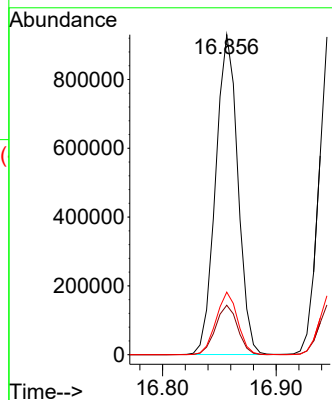
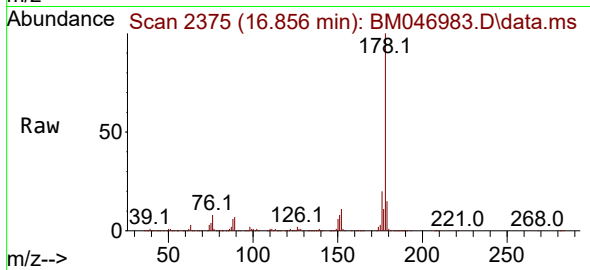
Tgt Ion:178 Resp: 1265505

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.6 15.3 22.9



#74

Anthracene

Concen: 20.392 ng/ul

RT: 16.945 min Scan# 2390

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

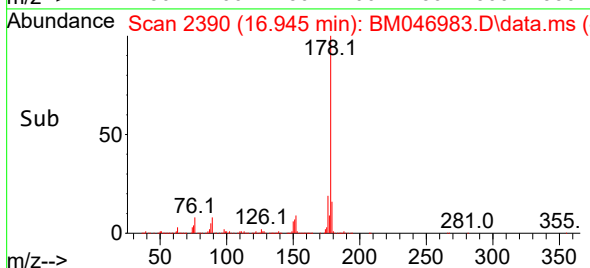
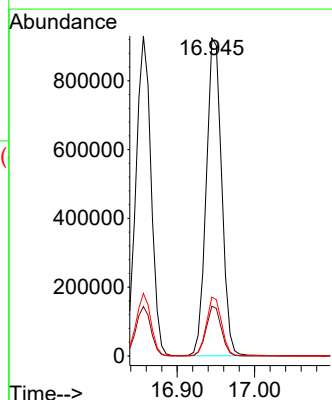
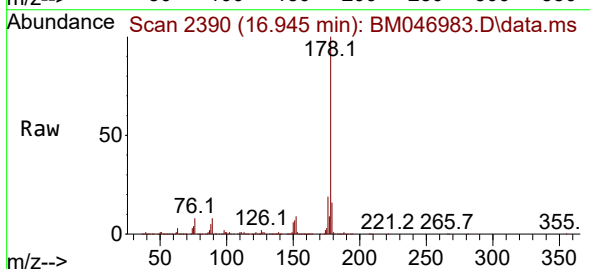
Tgt Ion:178 Resp: 1274111

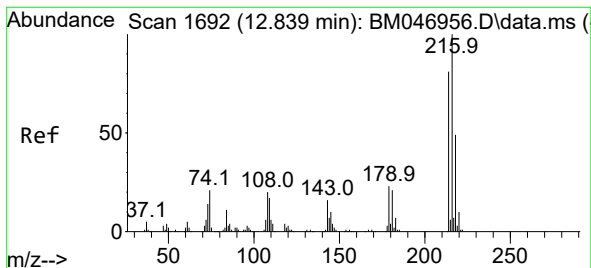
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 18.5 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.122 ng/uL

RT: 12.833 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

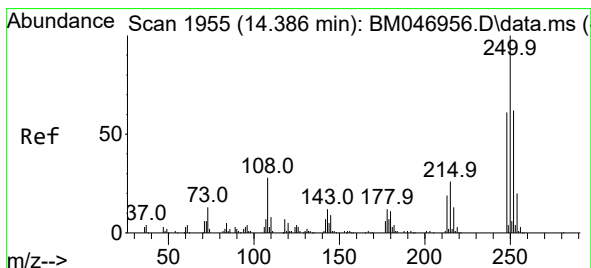
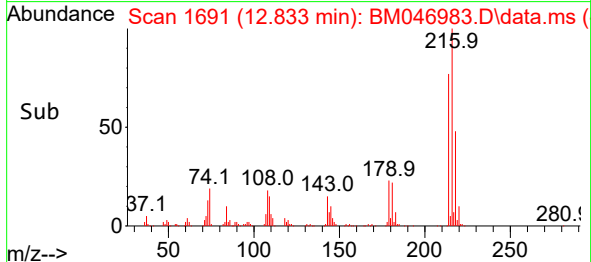
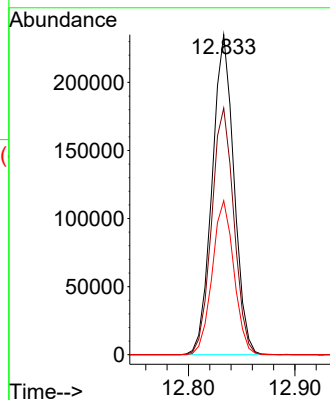
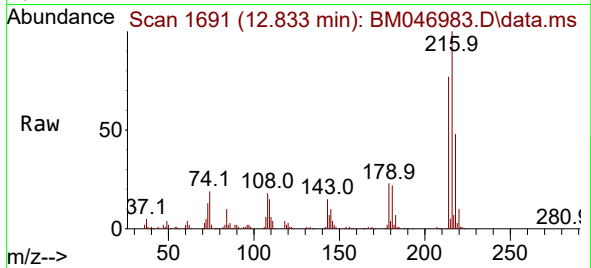
Tgt Ion:216 Resp: 335882

Ion Ratio Lower Upper

216 100

214 77.0 67.0 100.6

218 48.1 38.7 58.1



#76

Pentachlorobenzene

Concen: 20.305 ng/uL

RT: 14.380 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

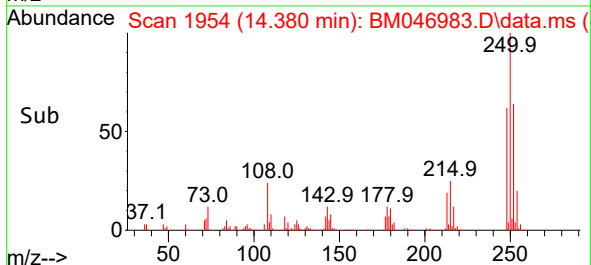
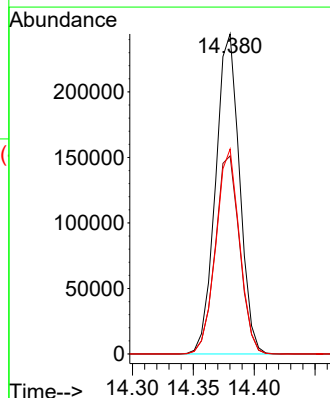
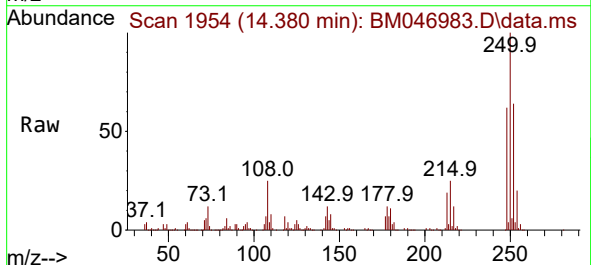
Tgt Ion:250 Resp: 334230

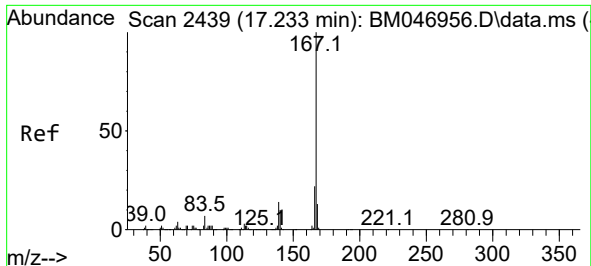
Ion Ratio Lower Upper

250 100

248 61.9 49.6 74.4

252 64.1 51.4 77.0

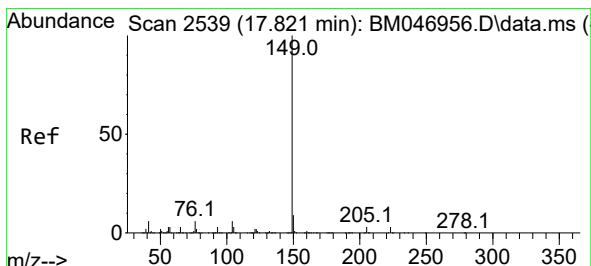
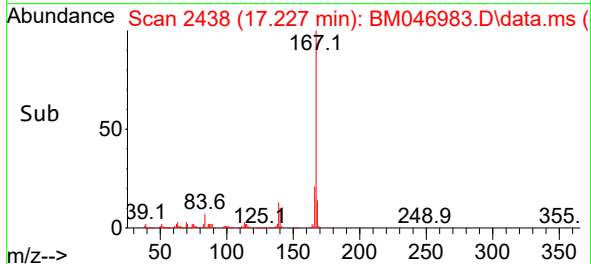
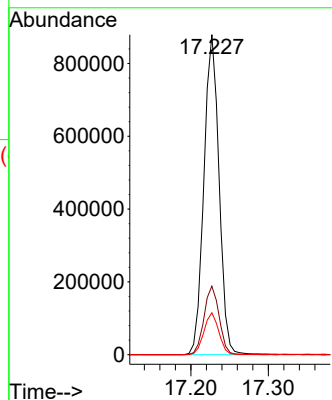
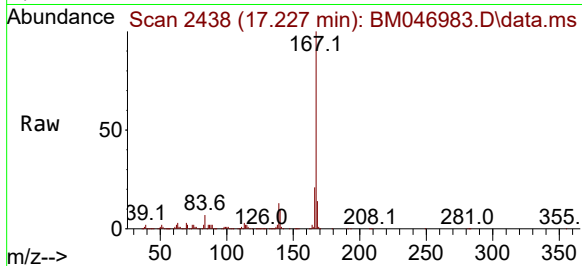




#77
 Carbazole
 Concen: 20.597 ng/ul
 RT: 17.227 min Scan# 2439
 Delta R.T. -0.006 min
 Lab File: BM046983.D
 Acq: 04 Aug 2024 04:10

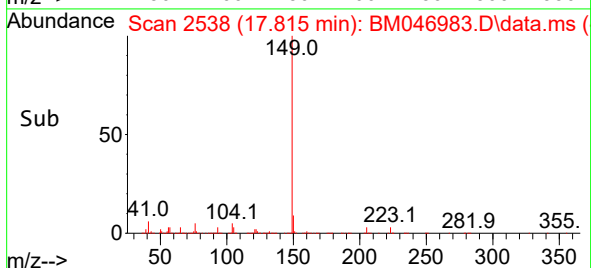
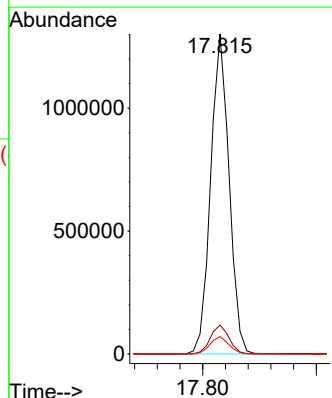
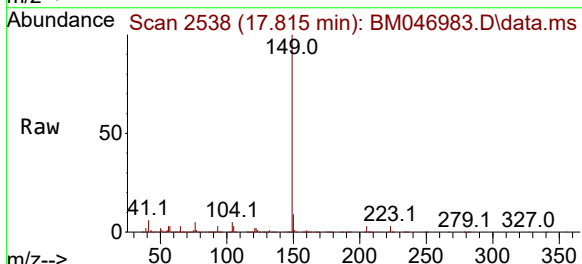
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020126

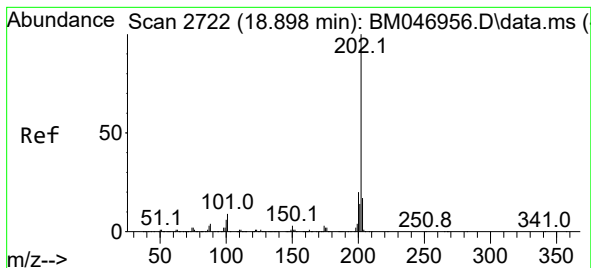
Tgt Ion:167 Resp: 1193072
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 13.1 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 19.829 ng/ul
 RT: 17.815 min Scan# 2538
 Delta R.T. -0.006 min
 Lab File: BM046983.D
 Acq: 04 Aug 2024 04:10

Tgt Ion:149 Resp: 1460536
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.6
 104 5.4 4.8 7.2





#80

Fluoranthene

Concen: 21.333 ng/ul

RT: 18.892 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

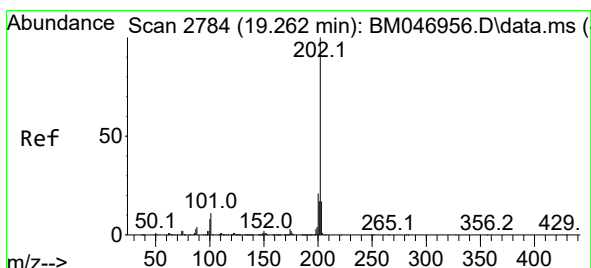
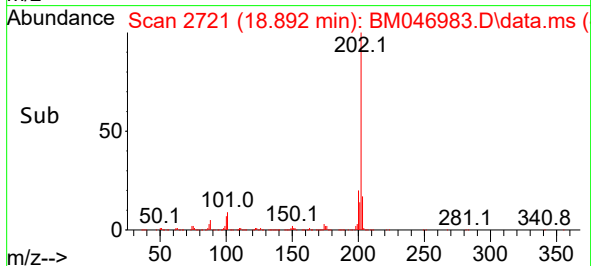
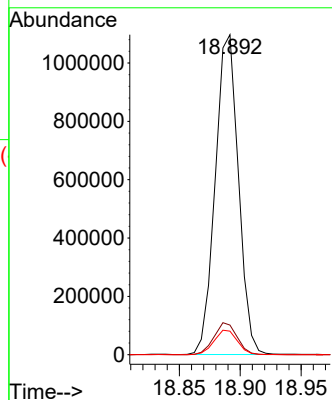
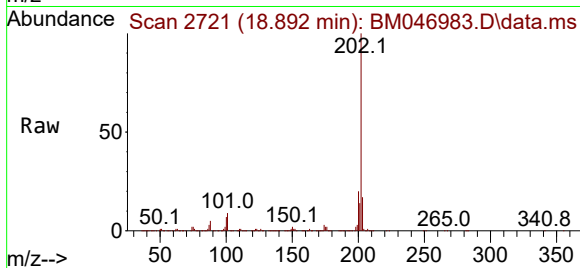
Tgt Ion:202 Resp: 1455225

Ion Ratio Lower Upper

202 100

101 9.2 7.8 11.6

100 7.3 5.9 8.9



#82

Pyrene

Concen: 21.182 ng/ul

RT: 19.256 min Scan# 2783

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

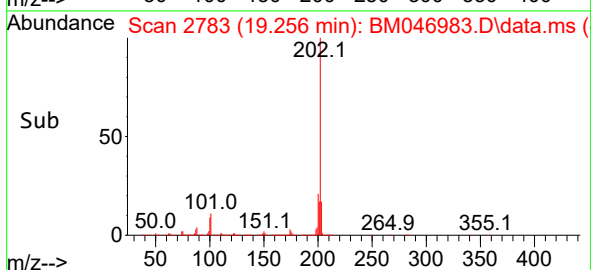
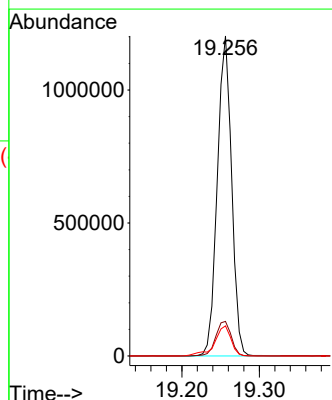
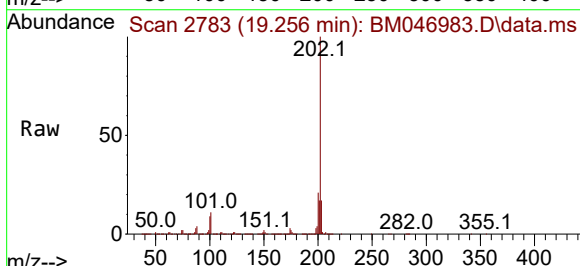
Tgt Ion:202 Resp: 1539598

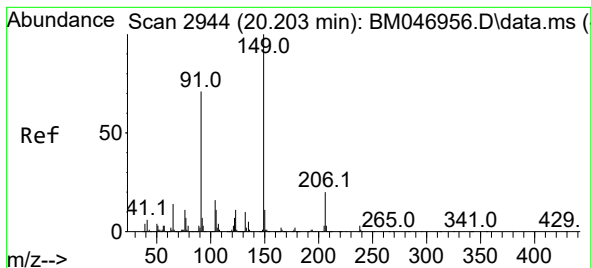
Ion Ratio Lower Upper

202 100

101 10.8 8.7 13.1

100 9.4 6.8 10.2





#83

Butylbenzylphthalate

Concen: 21.312 ng/ul

RT: 20.197 min Scan# 2943

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

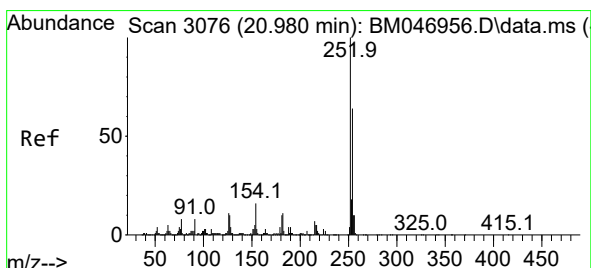
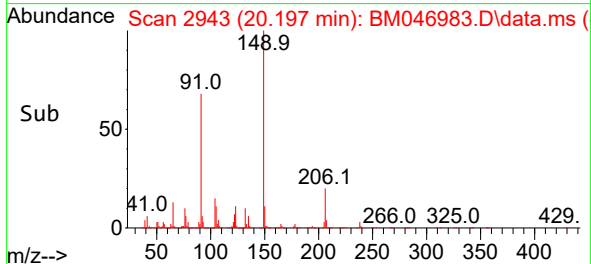
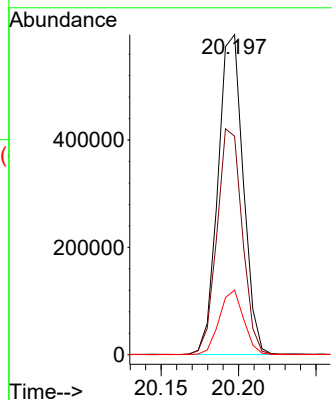
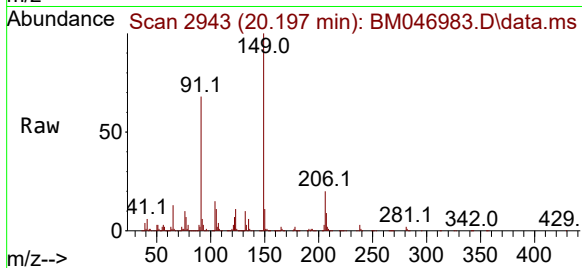
Tgt Ion:149 Resp: 677051

Ion Ratio Lower Upper

149 100

91 68.2 55.3 82.9

206 20.2 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 19.795 ng/ul

RT: 20.974 min Scan# 3075

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

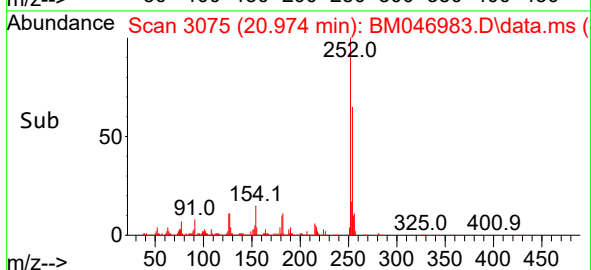
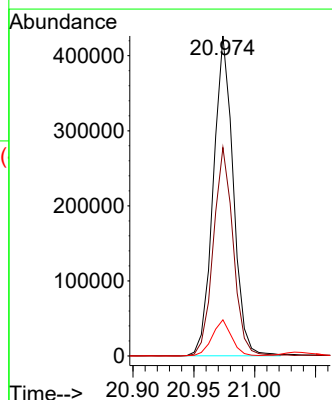
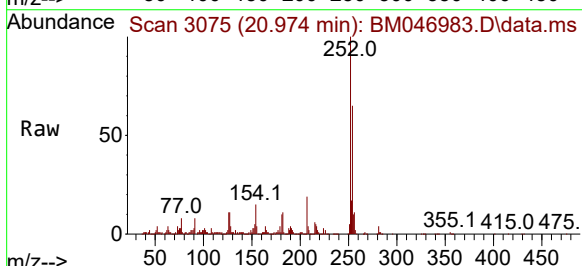
Tgt Ion:252 Resp: 483848

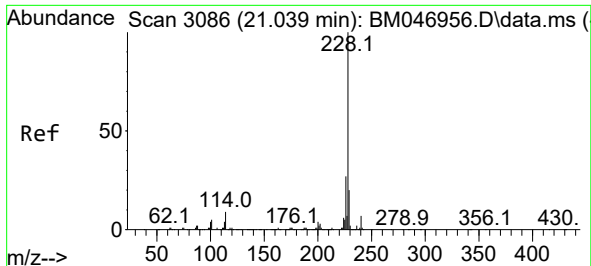
Ion Ratio Lower Upper

252 100

254 65.2 52.6 78.8

126 11.3 8.8 13.2

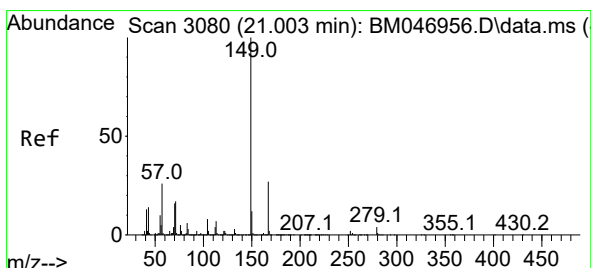
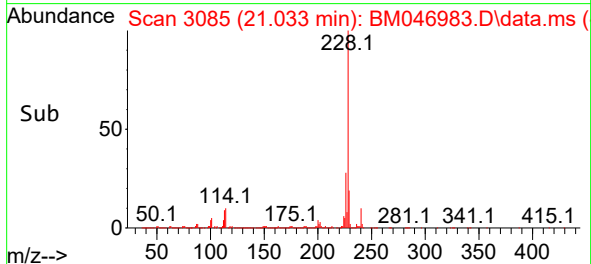
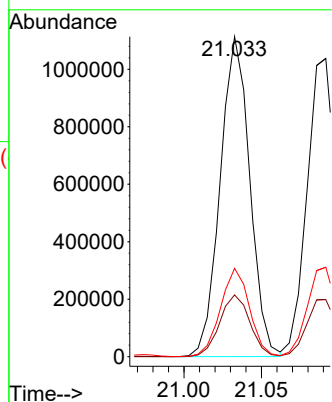
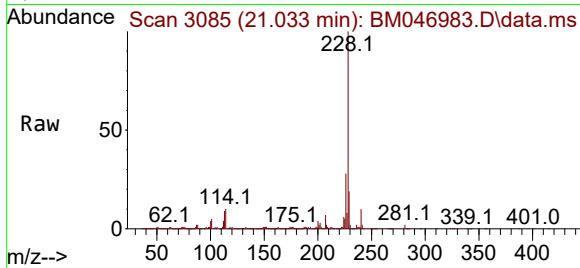




#85
Benzo(a)anthracene
Concen: 20.299 ng/ul
RT: 21.033 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

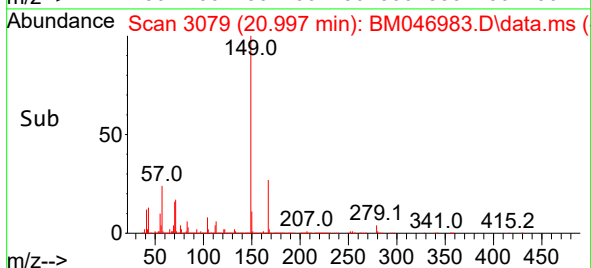
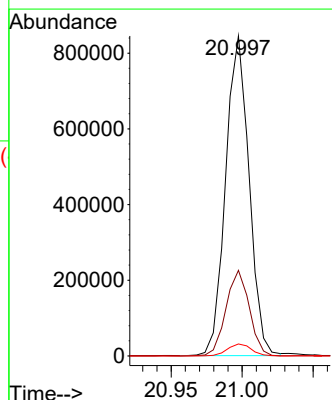
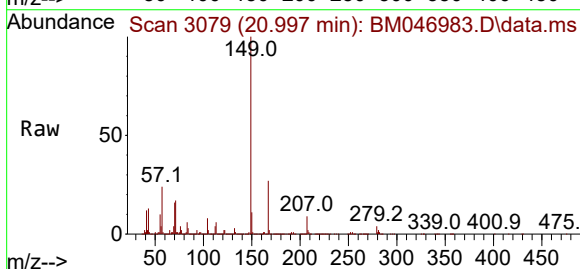
Instrument :
BNA_M
ClientSampleId :
SSTD020126

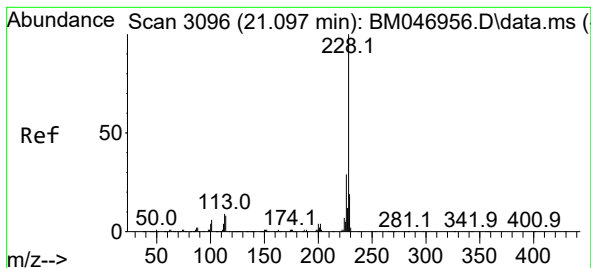
Tgt Ion:228 Resp: 1478208
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 27.6 21.2 31.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 20.866 ng/ul
RT: 20.997 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM046983.D
Acq: 04 Aug 2024 04:10

Tgt Ion:149 Resp: 967720
Ion Ratio Lower Upper
149 100
167 26.8 21.3 31.9
279 3.7 3.3 4.9





#87

Chrysene

Concen: 20.066 ng/ul

RT: 21.091 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

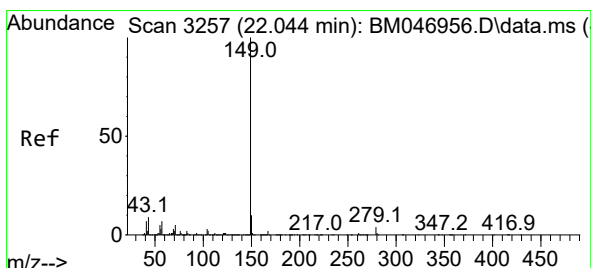
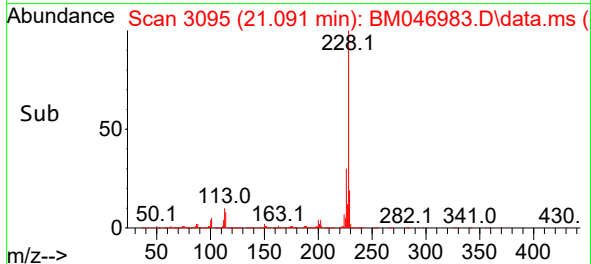
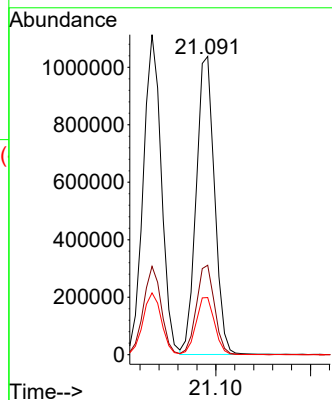
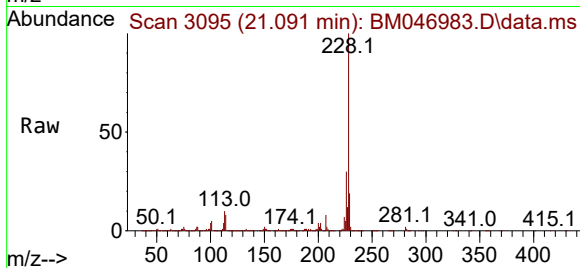
Tgt Ion:228 Resp: 1393600

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 19.919 ng/ul

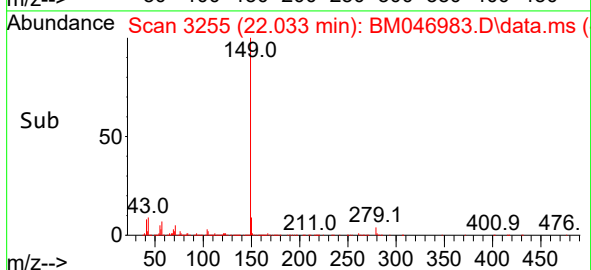
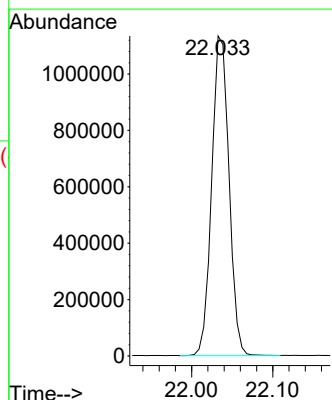
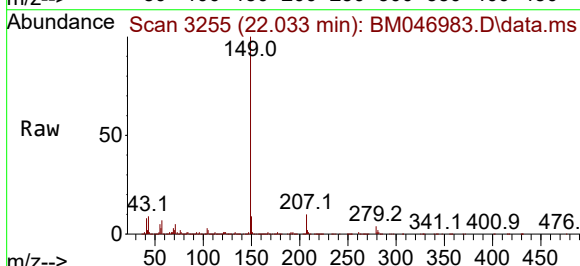
RT: 22.033 min Scan# 3255

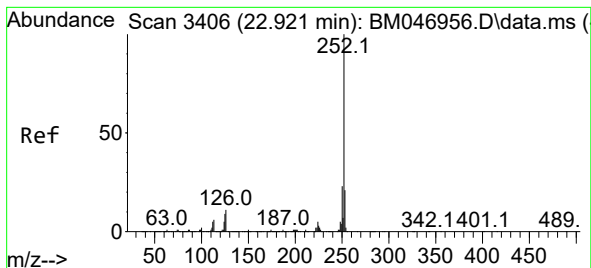
Delta R.T. -0.012 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Tgt Ion:149 Resp: 1674509





#90

Benzo(b)fluoranthene

Concen: 20.538 ng/ul

RT: 22.909 min Scan# 3406

Delta R.T. -0.012 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

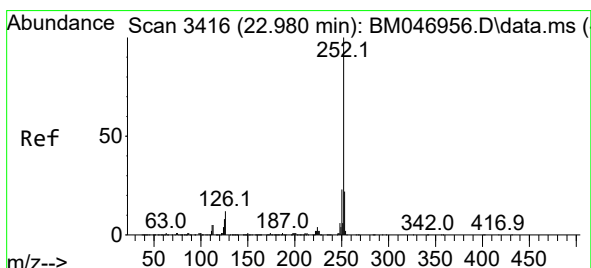
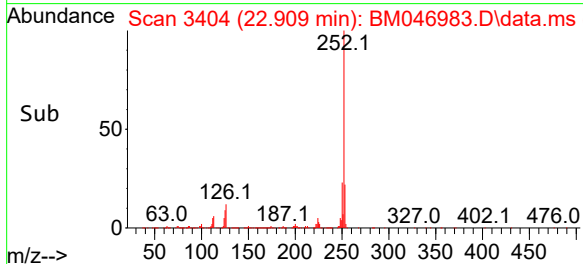
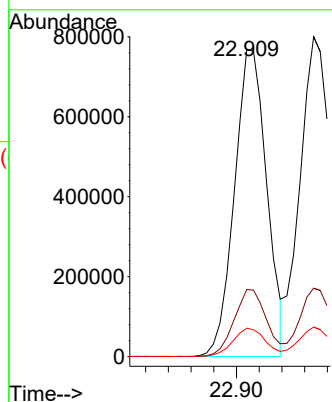
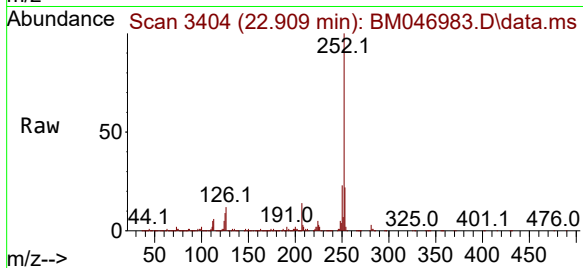
Tgt Ion:252 Resp: 1513920

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.3 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 21.007 ng/ul

RT: 22.968 min Scan# 3414

Delta R.T. -0.012 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

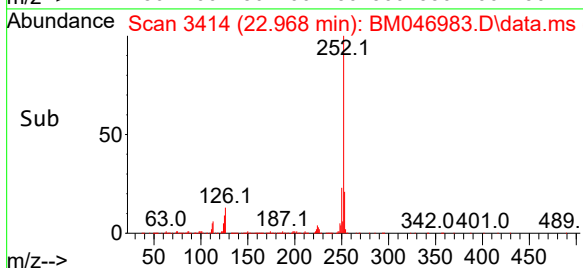
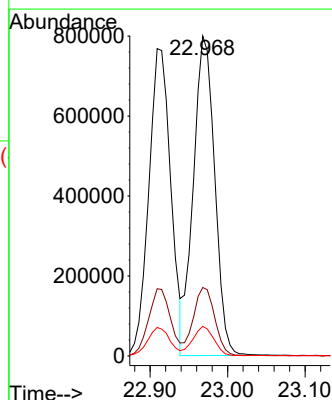
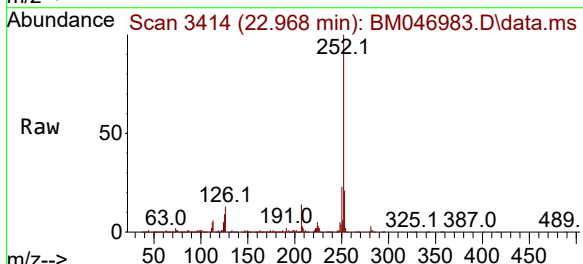
Tgt Ion:252 Resp: 1530184

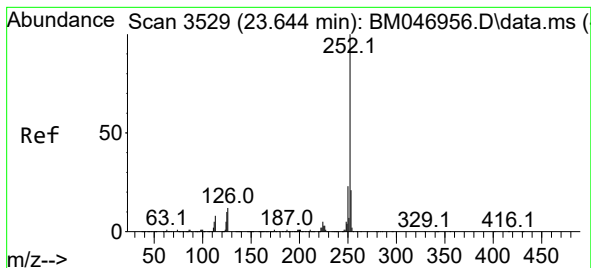
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 9.3 6.9 10.3





#93

Benzo(a)pyrene

Concen: 20.663 ng/ul

RT: 23.632 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

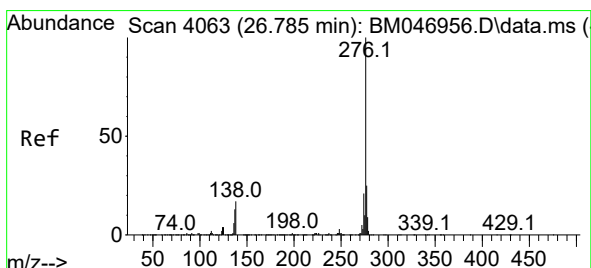
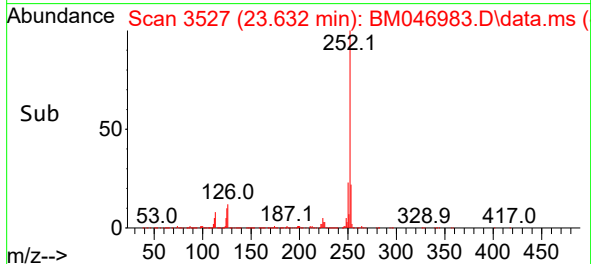
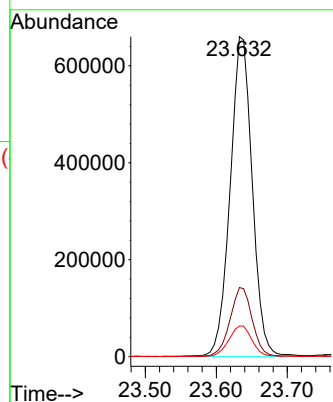
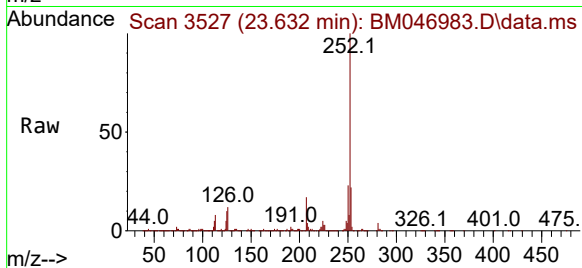
Tgt Ion:252 Resp: 1418970

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

125 9.6 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.068 ng/ul

RT: 26.773 min Scan# 4061

Delta R.T. -0.006 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

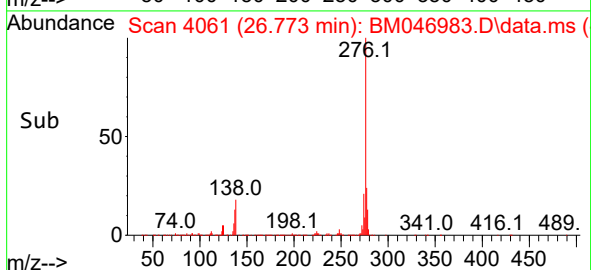
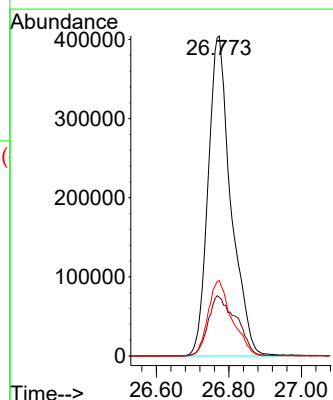
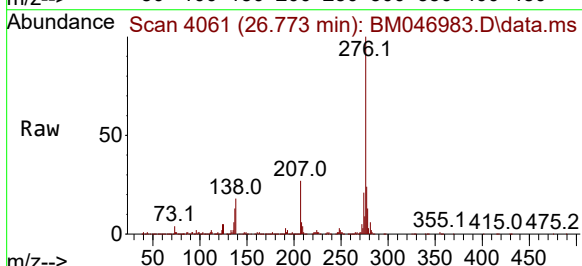
Tgt Ion:276 Resp: 1765688

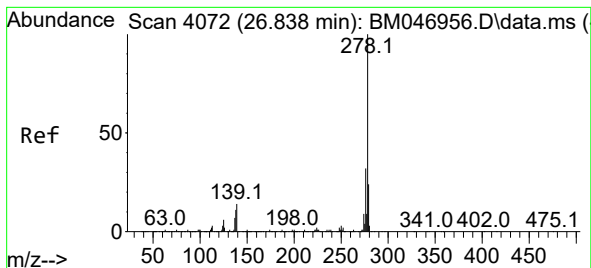
Ion Ratio Lower Upper

276 100

138 18.3 14.7 22.1

277 23.6 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 19.891 ng/ul

RT: 26.820 min Scan# 4072

Delta R.T. -0.012 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SSTD020126

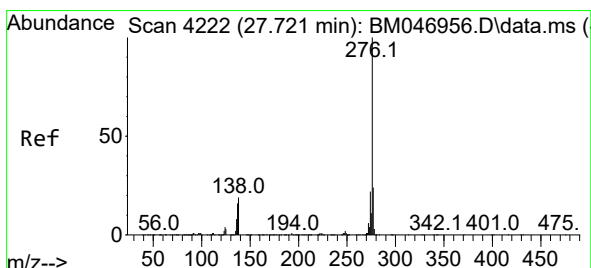
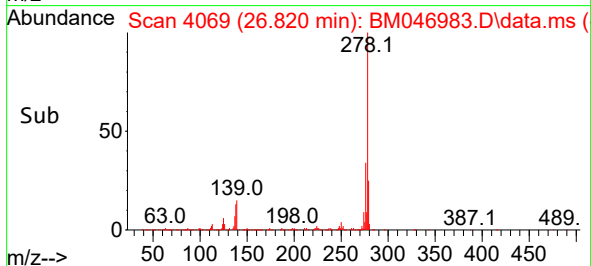
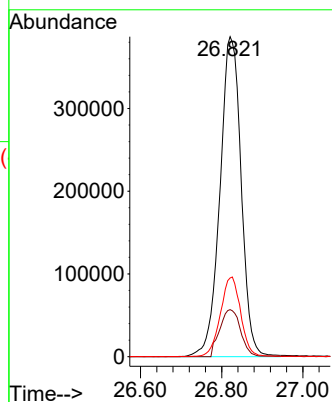
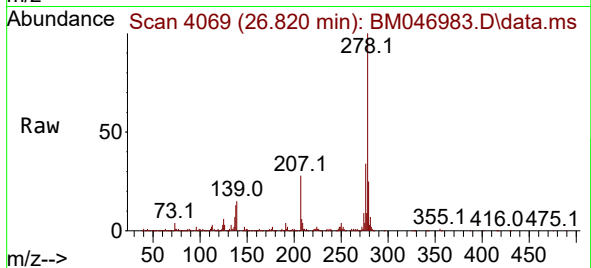
Tgt Ion:278 Resp: 1405728

Ion Ratio Lower Upper

278 100

139 14.7 11.4 17.0

279 24.6 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 19.772 ng/ul

RT: 27.703 min Scan# 4219

Delta R.T. -0.012 min

Lab File: BM046983.D

Acq: 04 Aug 2024 04:10

Tgt Ion:276 Resp: 1374467

Ion Ratio Lower Upper

276 100

138 20.1 14.7 22.1

277 23.6 18.6 27.8

