

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
 Data File : BM046950.D
 Acq On : 02 Aug 2024 15:41
 Operator : MA/JU
 Sample : SST02026
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020008

Quant Time: Aug 03 02:21:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:17:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	99153	20.000	ng/u1	0.00
20) Naphthalene-d8	10.163	136	374990	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.063	164	246433	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	547169	20.000	ng/u1	0.00
79) Chrysene-d12	21.056	240	545699	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	700590	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	20102	10.391	ng/uL	0.00
4) Pyridine-d5	3.410	84	145453	17.951	ng/u1	0.00
7) Phenol-d5	6.604	99	156992	17.905	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	103765	18.365	ng/u1	0.00
11) 2-Chlorophenol-d4	6.945	132	131520	18.698	ng/u1	0.00
15) 4-Methylphenol-d8	8.122	113	121432	21.611	ng/u1	0.00
21) Nitrobenzene-d5	8.545	128	62483	22.099	ng/u1	0.00
24) 2-Nitrophenol-d4	9.263	143	67246	17.414	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	130147	17.128	ng/u1	0.00
31) 4-Chloroaniline-d4	10.310	131	171254	20.730	ng/u1	0.00
46) Dimethylphthalate-d6	13.486	166	380816	20.685	ng/u1	0.00
49) Acenaphthylene-d8	13.745	160	432532	20.785	ng/u1	0.00
54) 4-Nitrophenol-d4	14.298	143	70638	20.436	ng/u1	0.00
60) Fluorene-d10	15.063	176	331585	19.237	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	66213	18.653	ng/u1	0.00
73) Anthracene-d10	16.915	188	531090	20.246	ng/u1	0.00
81) Pyrene-d10	19.233	212	618740	22.060	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	744758	20.014	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.057	88	22366	10.934	ng/uL	100
5) Pyridine	3.428	79	145427	17.850	ng/u1	100
6) Benzaldehyde	6.563	77	99433	18.099	ng/u1	100
8) Phenol	6.634	94	161512	17.779	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.851	93	134111	18.896	ng/u1	100
12) 2-Chlorophenol	6.975	128	135116	19.388	ng/u1	100
13) 2-Methylphenol	7.857	108	118626	21.793	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	7.928	45	161788	23.088	ng/u1	100
16) Acetophenone	8.222	105	198193	21.334	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.210	70	103791	24.274	ng/u1	100
18) 4-Methylphenol	8.187	108	130895	22.255	ng/u1	100
19) Hexachloroethane	8.457	117	63600	21.365	ng/u1	100
22) Nitrobenzene	8.586	77	166299	22.263	ng/u1	100
23) Isophorone	9.116	82	282527	20.090	ng/u1	100
25) 2-Nitrophenol	9.292	139	74687	17.584	ng/u1	100
26) 2,4-Dimethylphenol	9.369	107	146339	18.645	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.604	93	171931	21.788	ng/u1	100
29) 2,4-Dichlorophenol	9.822	162	129089	17.130	ng/u1	100
30) Naphthalene	10.210	128	409368	21.295	ng/u1	100
32) 4-Chloroaniline	10.333	127	168791	21.298	ng/u1	100
33) Hexachlorobutadiene	10.498	225	90837	14.949	ng/u1	100
34) Caprolactam	11.116	113	35946	19.195	ng/u1	100
35) 4-Chloro-3-methylphenol	11.475	107	133147	21.567	ng/u1	100
36) 2-Methylnaphthalene	11.839	142	284555	17.307	ng/u1	100

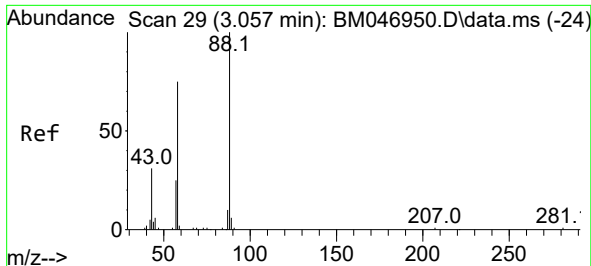
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.063	142	287103	17.678	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.216	216	156632	16.497	ng/ul	100
40) Hexachlorocyclopentadiene	12.198	237	97449	17.502	ng/ul	100
41) 2,4,6-Trichlorophenol	12.474	196	103760	17.556	ng/ul	100
42) 2,4,5-Trichlorophenol	12.545	196	108829	17.160	ng/ul	100
43) 1,1'-Biphenyl	12.880	154	379170	20.164	ng/ul	100
44) 2-Chloronaphthalene	12.916	162	302415	19.660	ng/ul	100
45) 2-Nitroaniline	13.139	65	92023	23.409	ng/ul	100
47) Dimethylphthalate	13.533	163	382181	20.746	ng/ul	100
48) 2,6-Dinitrotoluene	13.651	165	72377	19.425	ng/ul	100
50) Acenaphthylene	13.774	152	465564	22.156	ng/ul	100
51) 3-Nitroaniline	13.980	138	75732	20.760	ng/ul	100
52) Acenaphthene	14.121	153	330983	21.669	ng/ul	100
53) 2,4-Dinitrophenol	14.192	184	46079	16.837	ng/ul	100
55) 4-Nitrophenol	14.316	109	77589	18.628	ng/ul	100
56) Dibenzofuran	14.468	168	462703	19.923	ng/ul	100
57) 2,4-Dinitrotoluene	14.445	165	117044	20.696	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.704	232	96998	17.606	ng/ul	100
59) Diethylphthalate	14.921	149	413627	21.301	ng/ul	100
61) Fluorene	15.121	166	380709	19.749	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.127	204	183756	17.101	ng/ul	100
63) 4-Nitroaniline	15.151	138	79525	21.139	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.215	198	75713	19.456	ng/ul	100
67) N-Nitrosodiphenylamine	15.345	169	332235	21.964	ng/ul	100
68) 4-Bromophenyl-phenylether	16.021	248	118596	18.403	ng/ul	100
69) Hexachlorobenzene	16.127	284	140823	18.498	ng/ul	100
70) Atrazine	16.315	200	125526	19.736	ng/ul	100
71) Pentachlorophenol	16.480	266	89127	17.693	ng/ul	100
72) Phenanthrene	16.862	178	623167	21.106	ng/ul	100
74) Anthracene	16.951	178	631763	20.949	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.839	216	158221	18.484	ng/ul	100
76) Pentachlorobenzene	14.386	250	161758	18.343	ng/ul	100
77) Carbazole	17.233	167	592542	21.805	ng/ul	100
78) Di-n-butylphthalate	17.821	149	733985	23.001	ng/ul	100
80) Fluoranthene	18.892	202	741414	20.753	ng/ul	100
82) Pyrene	19.262	202	789151	22.667	ng/ul	100
83) Butylbenzylphthalate	20.203	149	340061	25.028	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.980	252	257138	19.630	ng/ul	100
85) Benzo(a)anthracene	21.039	228	799676	20.295	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.003	149	494755	22.613	ng/ul	100
87) Chrysene	21.097	228	763458	20.309	ng/ul	100
89) Di-n-octyl phthalate	22.044	149	885823	20.170	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	864871	19.782	ng/ul	100
91) Benzo(k)fluoranthene	22.980	252	858156	20.030	ng/ul	100
93) Benzo(a)pyrene	23.644	252	816471	20.102	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.779	276	1049442	20.635	ng/ul	100
95) Dibenzo(a,h)anthracene	26.832	278	841927	20.419	ng/ul	100
96) Benzo(g,h,i)perylene	27.715	276	832841	19.029	ng/ul	100

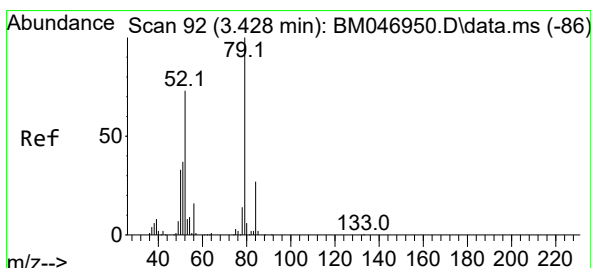
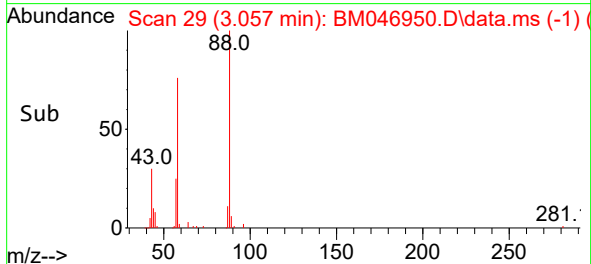
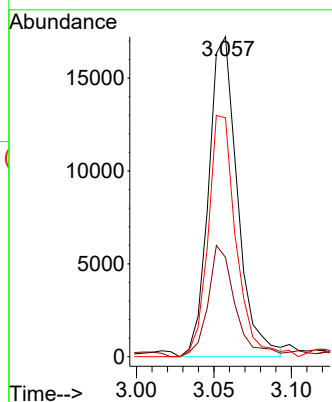
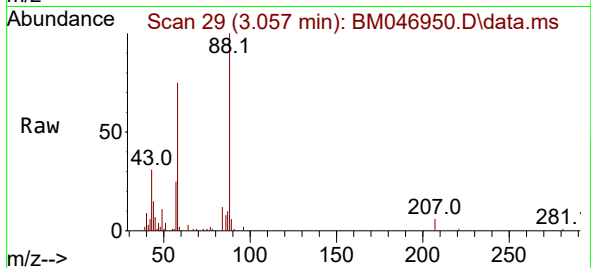
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#2
1,4-Dioxane
Concen: 10.934 ng/uL
RT: 3.057 min Scan# 29
Delta R.T. 0.000 min
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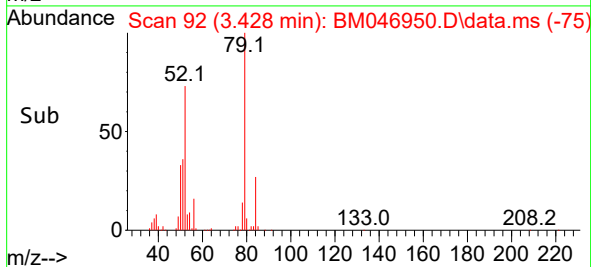
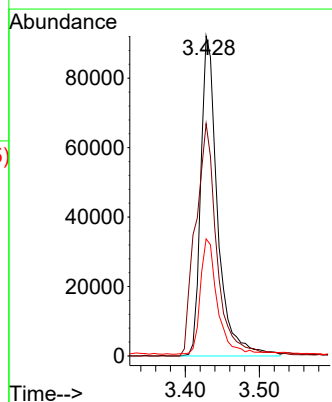
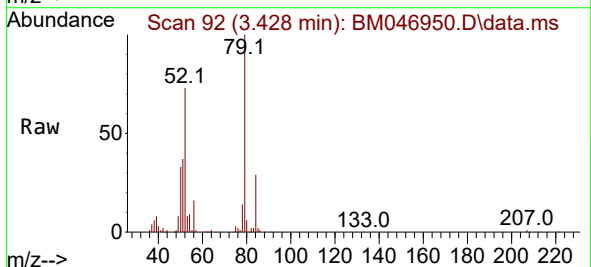
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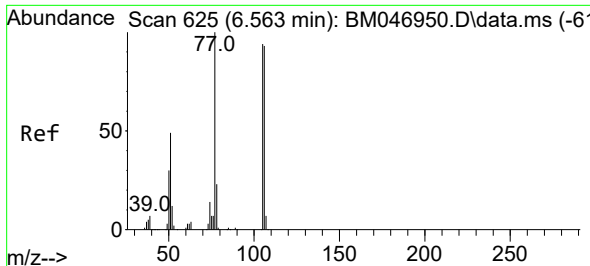
Tgt Ion: 88 Resp: 22366
Ion Ratio Lower Upper
88 100
43 31.1 24.9 37.3
58 74.6 59.7 89.5



#5
Pyridine
Concen: 17.850 ng/uL
RT: 3.428 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion: 79 Resp: 145427
Ion Ratio Lower Upper
79 100
52 72.6 58.1 87.1
51 36.6 29.3 43.9

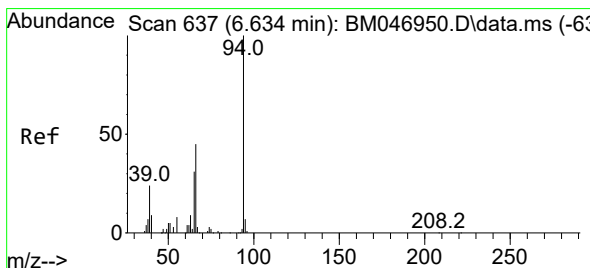
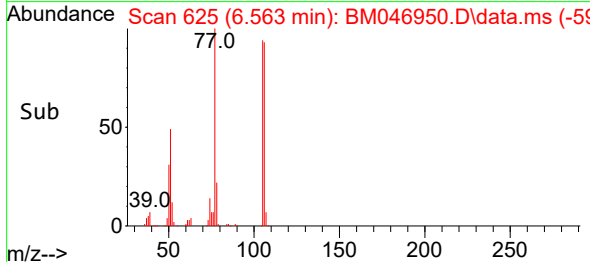
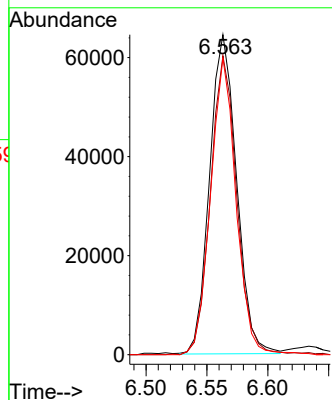
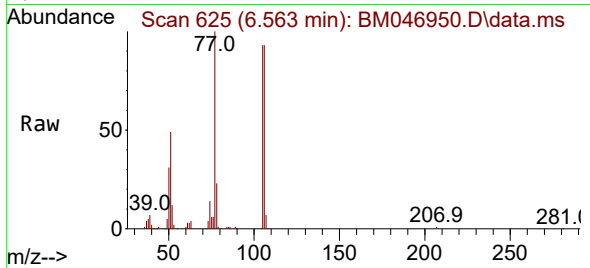




#6
Benzaldehyde
Concen: 18.099 ng/ul
RT: 6.563 min Scan# 612
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

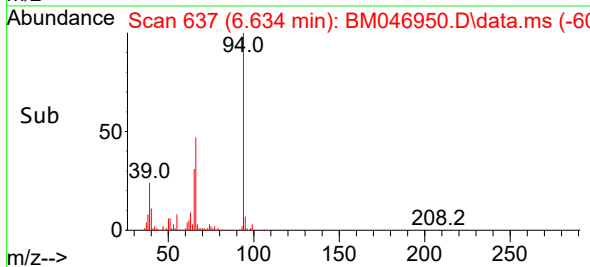
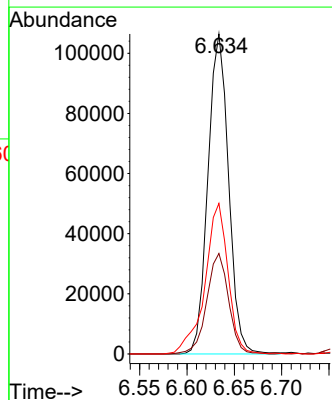
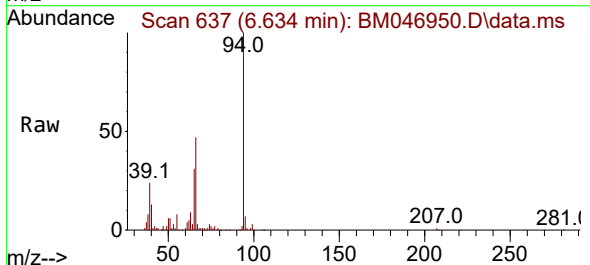
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ClientSampleId :
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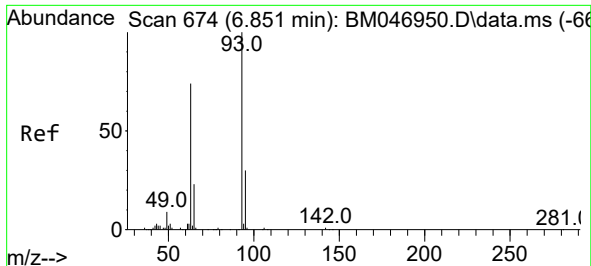
Tgt Ion: 77 Resp: 99433
Ion Ratio Lower Upper
77 100
105 93.4 74.7 112.1
106 92.7 74.2 111.2



#8
Phenol
Concen: 17.779 ng/ul
RT: 6.634 min Scan# 637
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion: 94 Resp: 161512
Ion Ratio Lower Upper
94 100
65 31.4 25.1 37.7
66 47.1 37.7 56.5

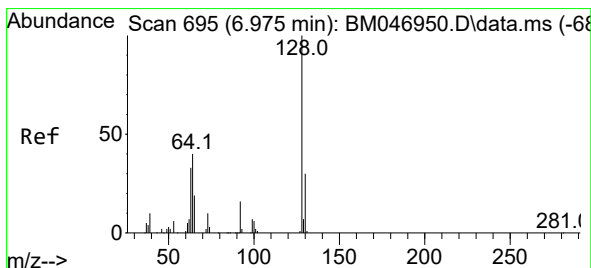
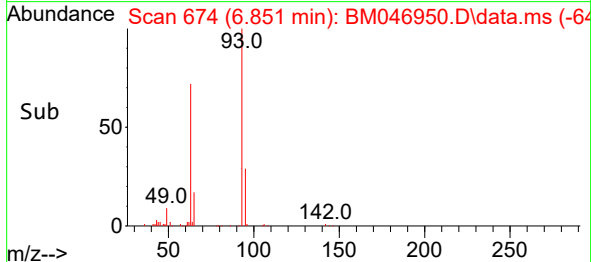
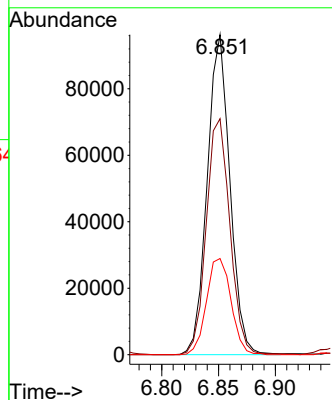
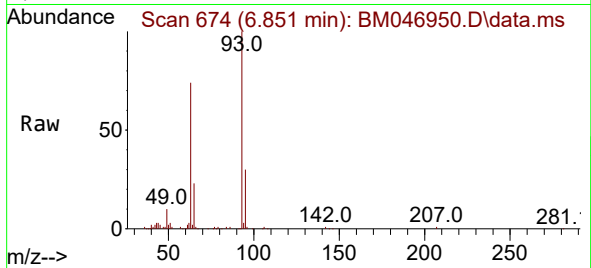




#10
Bis(2-Chloroethyl)ether
Concen: 18.896 ng/ul
RT: 6.851 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

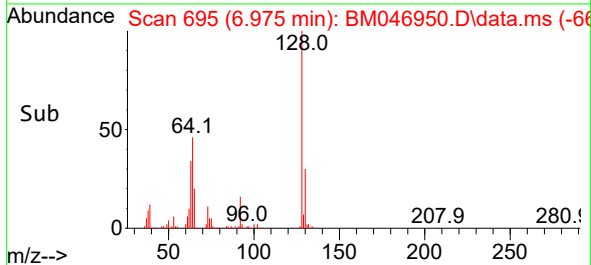
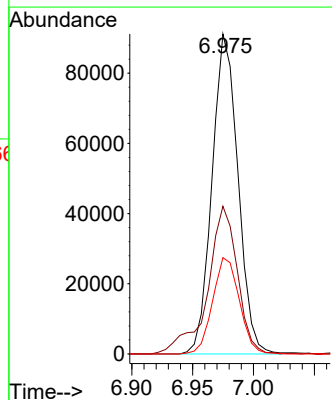
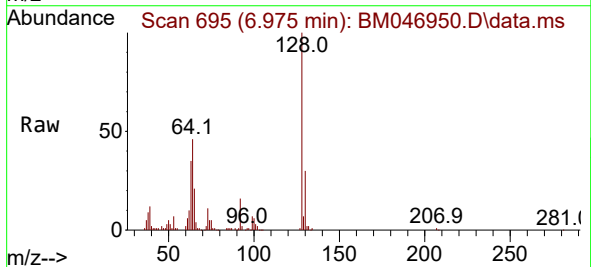
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ClientSampleId :
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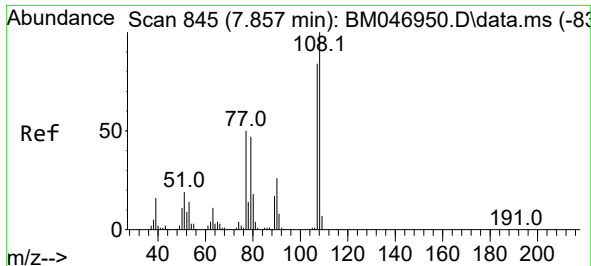
Tgt Ion: 93 Resp: 134111
Ion Ratio Lower Upper
93 100
63 73.8 59.0 88.6
95 30.0 24.0 36.0



#12
2-Chlorophenol
Concen: 19.388 ng/ul
RT: 6.975 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion: 128 Resp: 135116
Ion Ratio Lower Upper
128 100
64 46.2 37.0 55.4
130 30.1 24.1 36.1

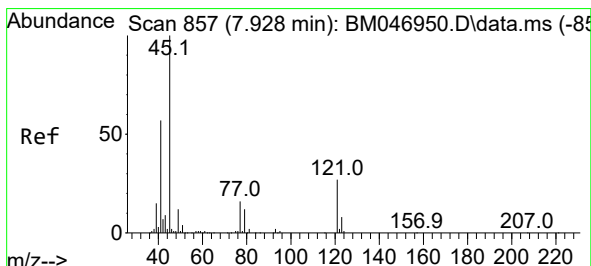
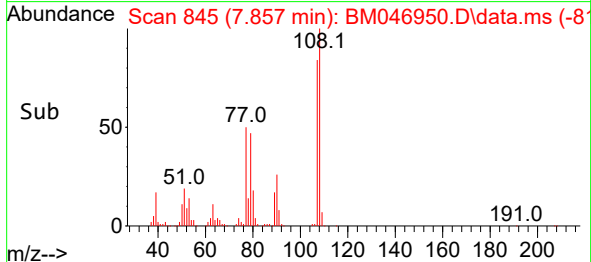
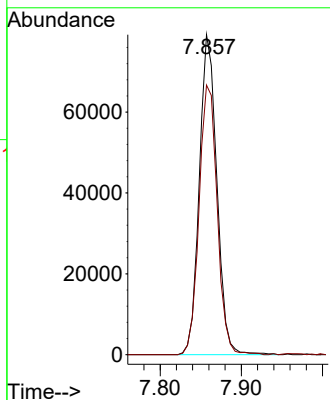
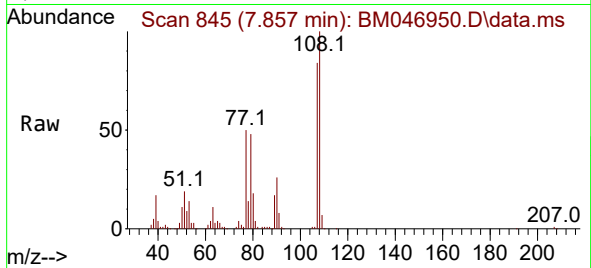




#13
2-Methylphenol
Concen: 21.793 ng/ul
RT: 7.857 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

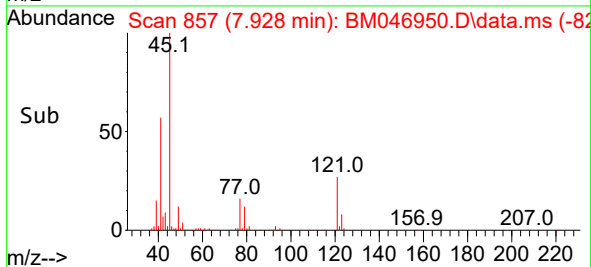
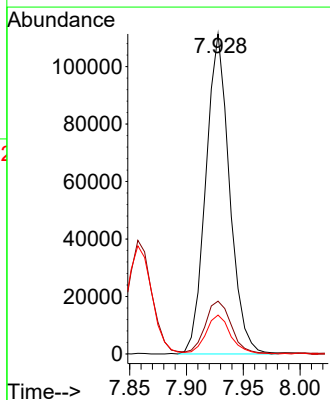
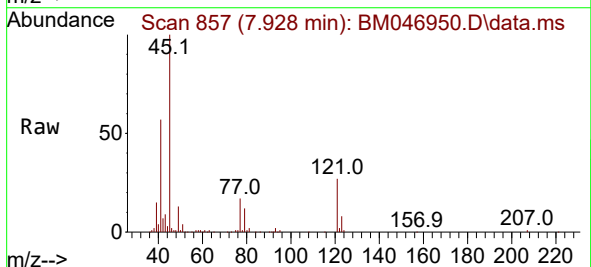
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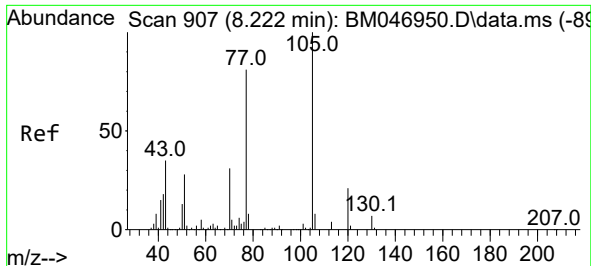
Tgt Ion:108 Resp: 118626
Ion Ratio Lower Upper
108 100
107 84.2 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.088 ng/ul
RT: 7.928 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion: 45 Resp: 161788
Ion Ratio Lower Upper
45 100
77 16.5 13.2 19.8
79 12.2 9.8 14.6

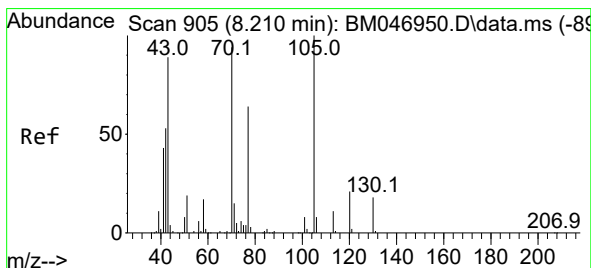
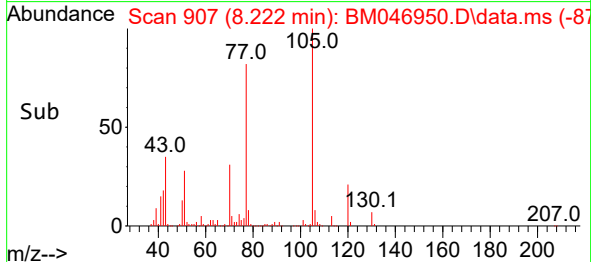
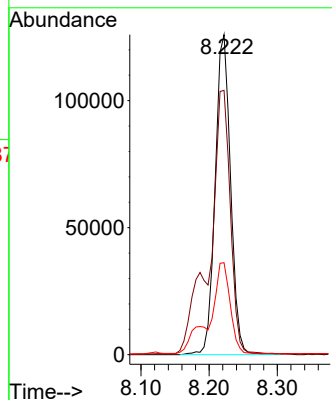
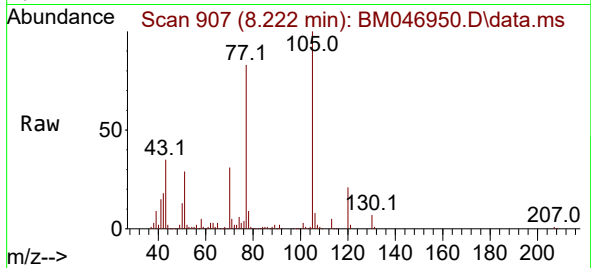




#16
Acetophenone
Concen: 21.334 ng/ul
RT: 8.222 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

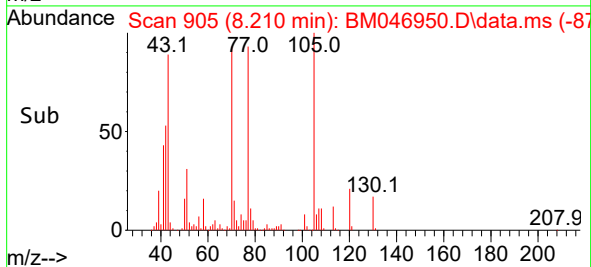
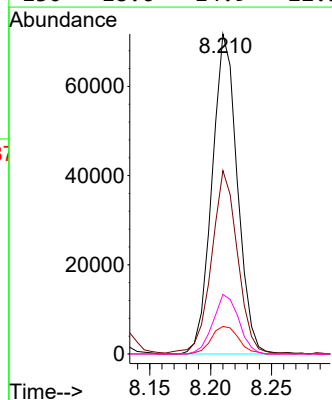
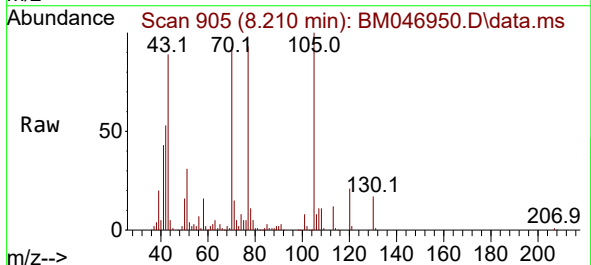
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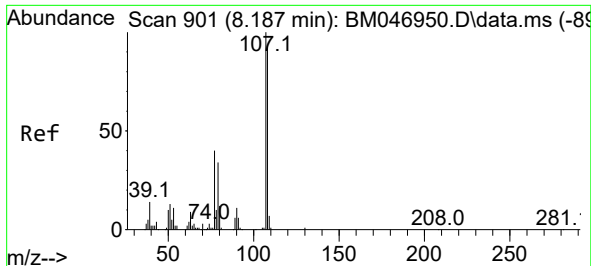
Tgt Ion:105 Resp: 198193
Ion Ratio Lower Upper
105 100
77 82.6 66.1 99.1
51 28.7 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 24.274 ng/ul
RT: 8.210 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion: 70 Resp: 103791
Ion Ratio Lower Upper
70 100
42 57.3 45.8 68.8
101 8.6 6.9 10.3
130 18.6 14.9 22.3

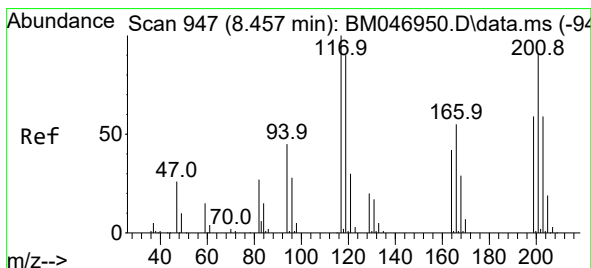
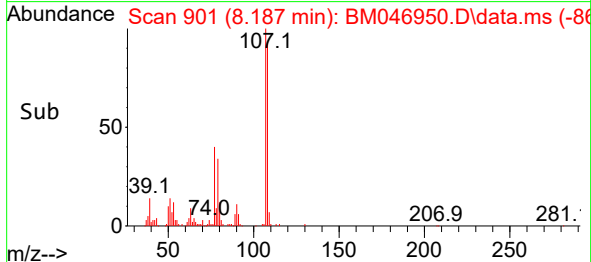
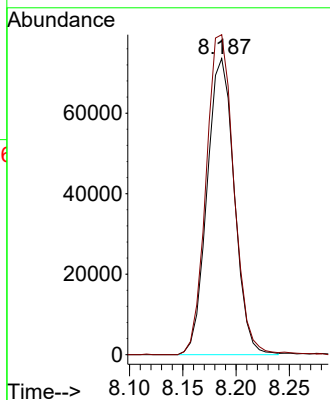
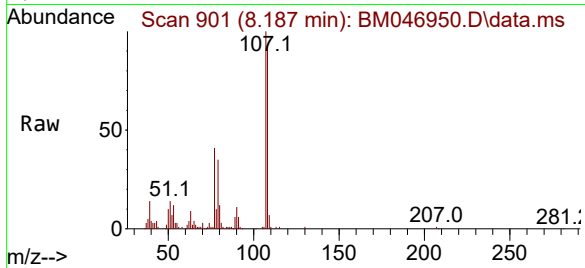




#18
4-Methylphenol
Concen: 22.255 ng/ul
RT: 8.187 min Scan# 901
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

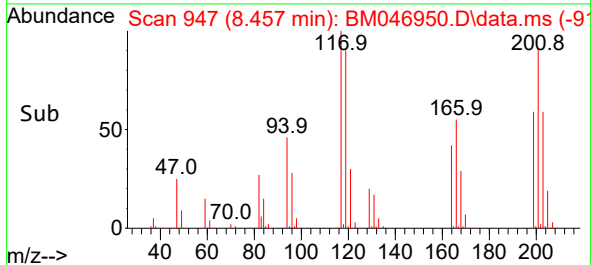
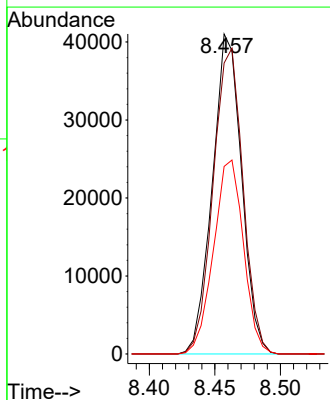
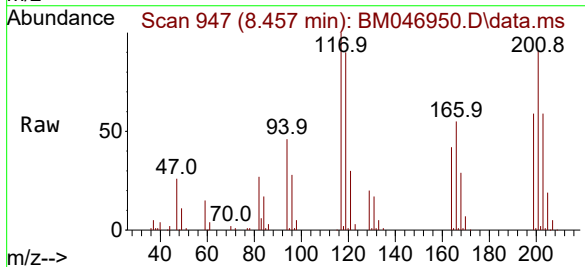
Instrument :
BNA_M
ClientSampleId :
SSTD020008

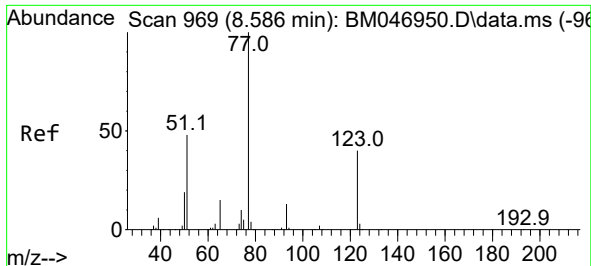
Tgt Ion:108 Resp: 130895
Ion Ratio Lower Upper
108 100
107 108.0 86.4 129.6



#19
Hexachloroethane
Concen: 21.365 ng/ul
RT: 8.457 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:117 Resp: 63600
Ion Ratio Lower Upper
117 100
201 90.9 72.7 109.1
199 58.6 46.9 70.3





#22

Nitrobenzene

Concen: 22.263 ng/ul

RT: 8.586 min Scan# 969

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

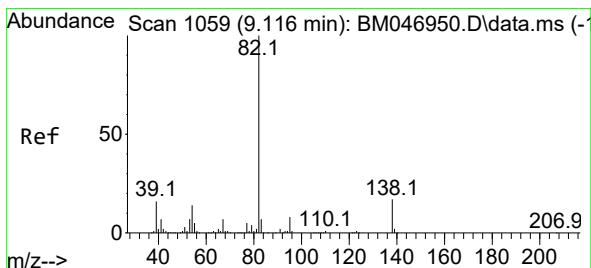
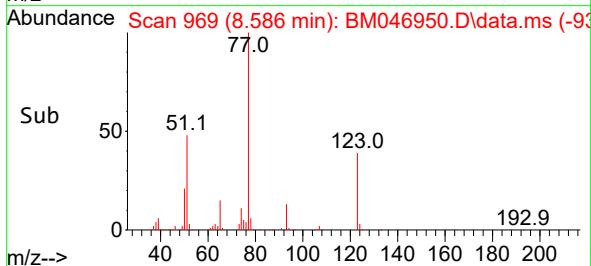
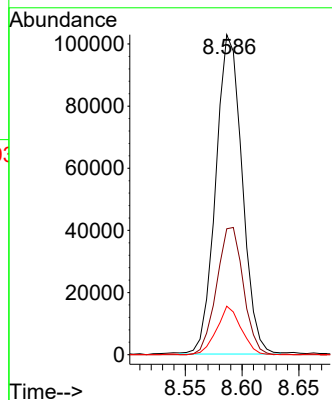
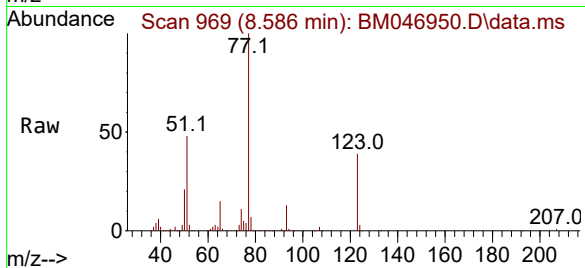
Tgt Ion: 77 Resp: 166299

Ion Ratio Lower Upper

77 100

123 39.3 31.4 47.2

65 15.1 12.1 18.1



#23

Isophorone

Concen: 20.090 ng/ul

RT: 9.116 min Scan# 1059

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

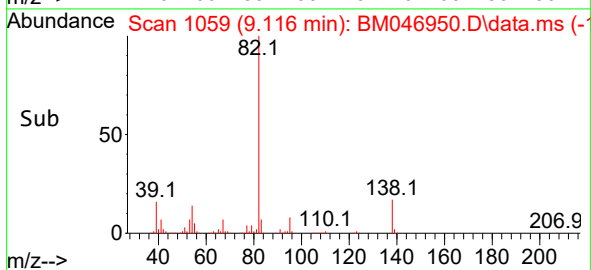
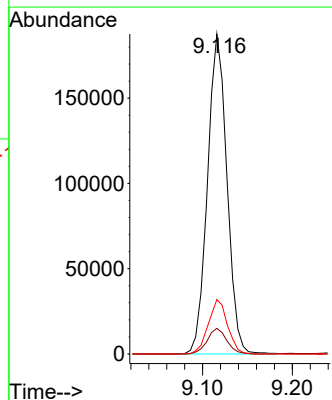
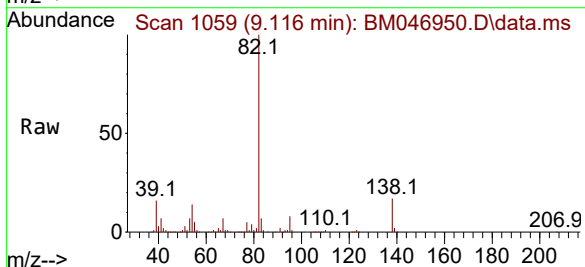
Tgt Ion: 82 Resp: 282527

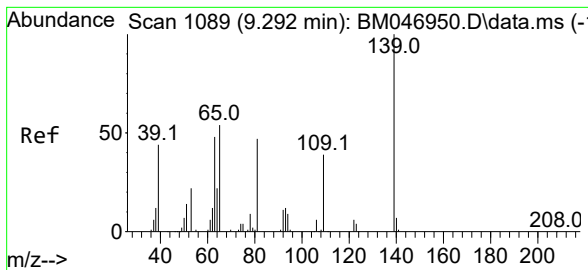
Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 17.0 13.6 20.4

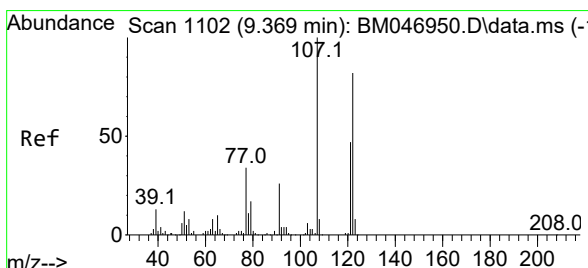
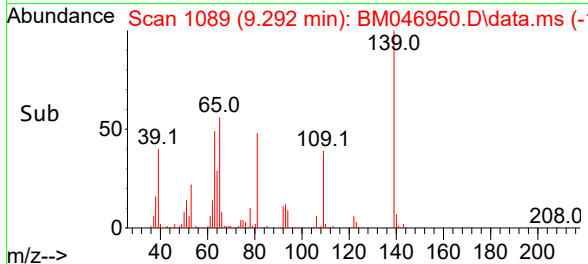
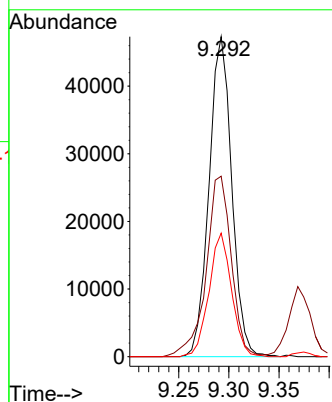
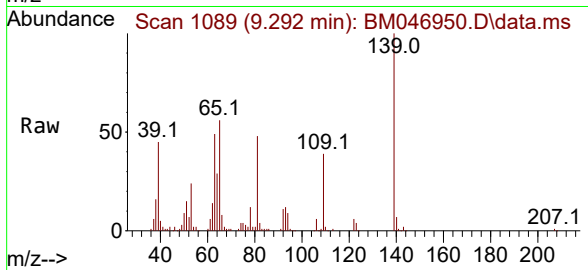




#25
2-Nitrophenol
Concen: 17.584 ng/ul
RT: 9.292 min Scan# 1089
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

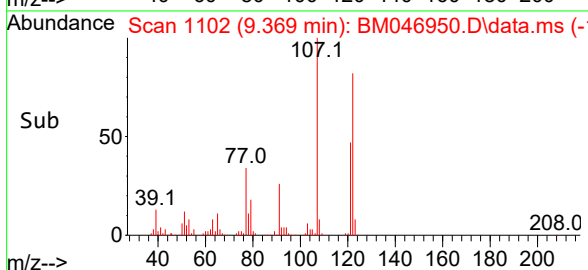
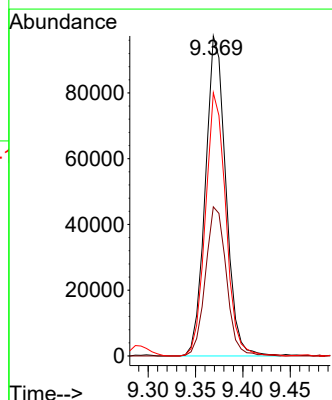
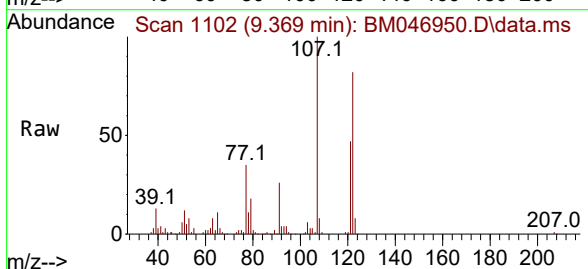
Instrument :
BNA_M
ClientSampleId :
SSTD020008

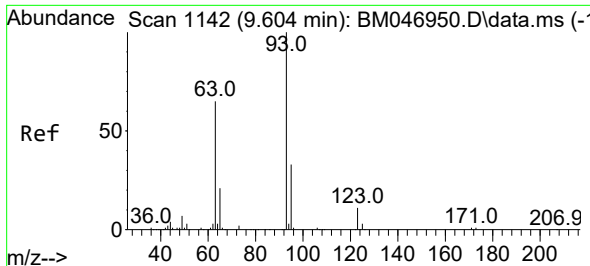
Tgt Ion:139 Resp: 74687
Ion Ratio Lower Upper
139 100
65 56.4 45.1 67.7
109 38.6 30.9 46.3



#26
2,4-Dimethylphenol
Concen: 18.645 ng/ul
RT: 9.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:107 Resp: 146339
Ion Ratio Lower Upper
107 100
121 46.6 37.3 55.9
122 82.2 65.8 98.6

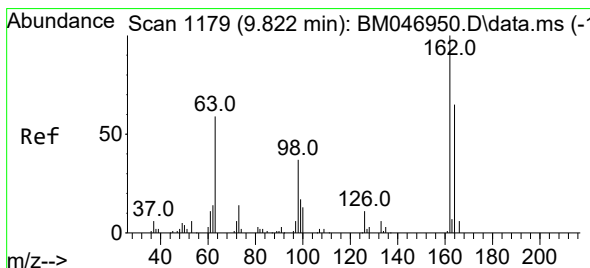
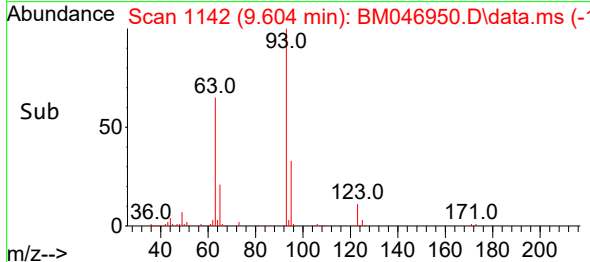
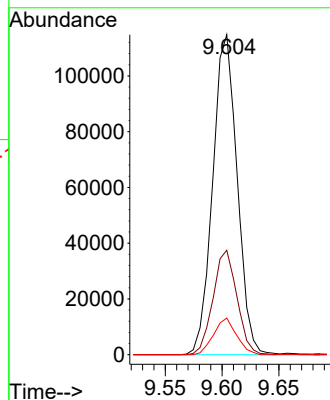
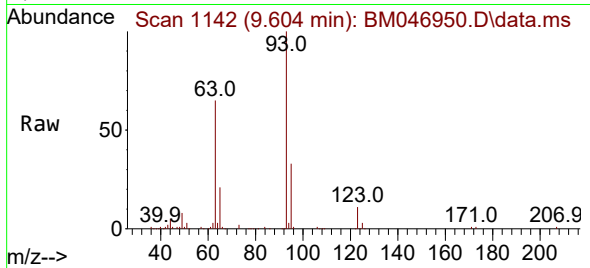




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.788 ng/ul
 RT: 9.604 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: BM046950.D
 Acq: 02 Aug 2024 15:41

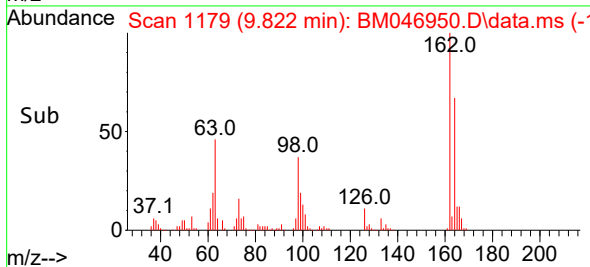
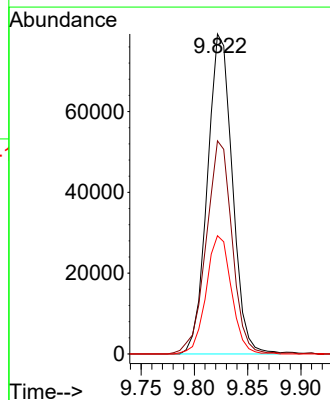
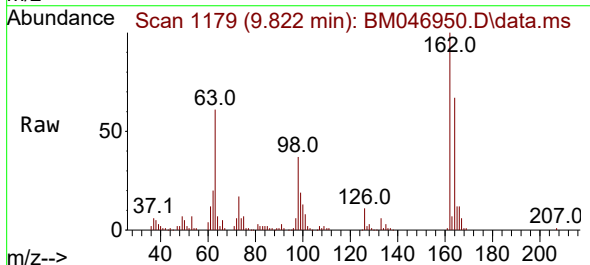
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020008

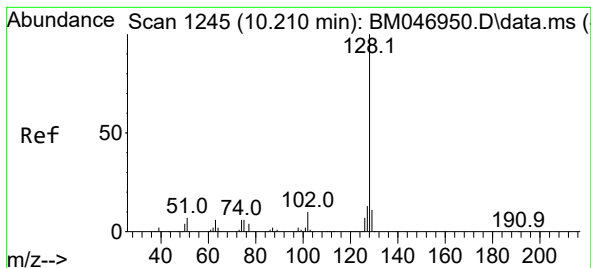
Tgt Ion: 93 Resp: 171931
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.1 39.1
 123 11.4 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 17.130 ng/ul
 RT: 9.822 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BM046950.D
 Acq: 02 Aug 2024 15:41

Tgt Ion: 162 Resp: 129089
 Ion Ratio Lower Upper
 162 100
 164 66.6 53.3 79.9
 98 37.0 29.6 44.4

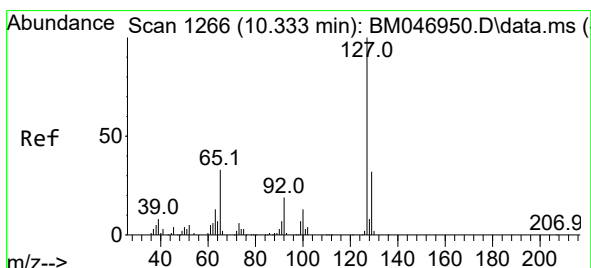
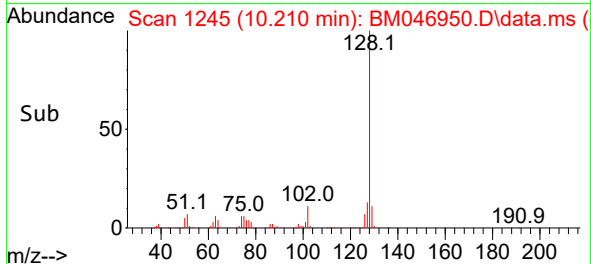
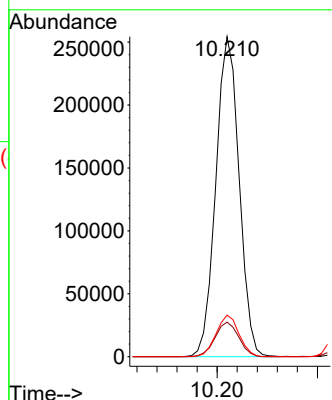
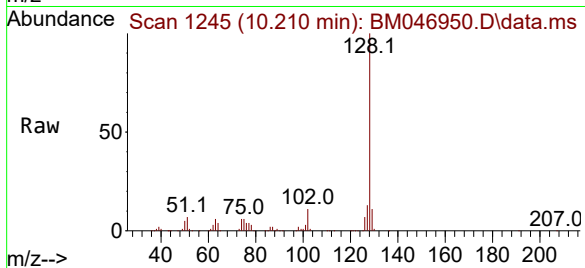




#30
Naphthalene
Concen: 21.295 ng/ul
RT: 10.210 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

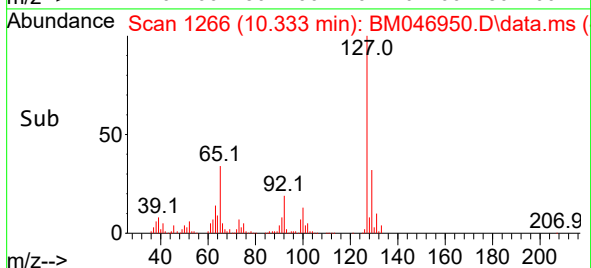
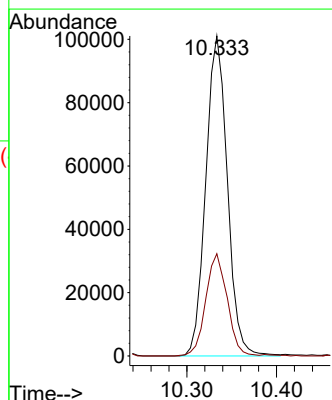
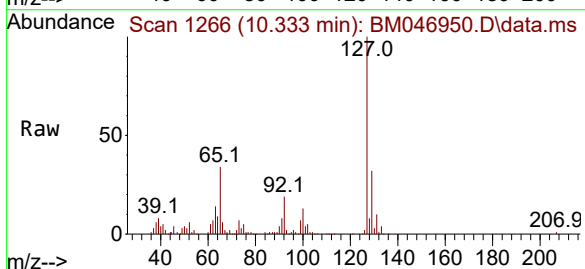
Instrument :
BNA_M
ClientSampleId :
SSTD020008

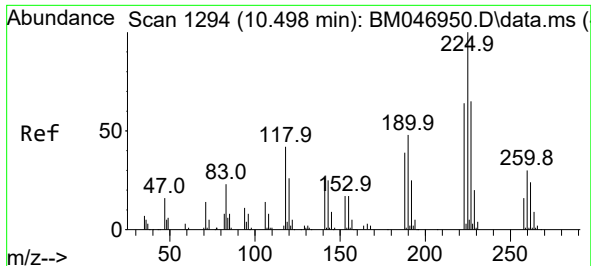
Tgt Ion:128 Resp: 409368
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 21.298 ng/ul
RT: 10.333 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:127 Resp: 168791
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4

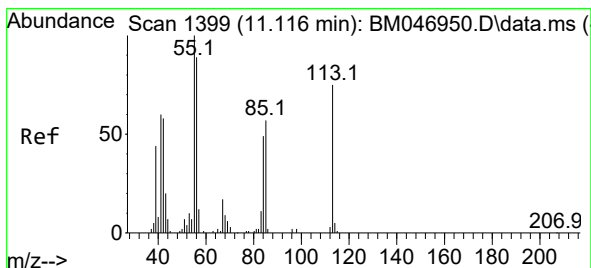
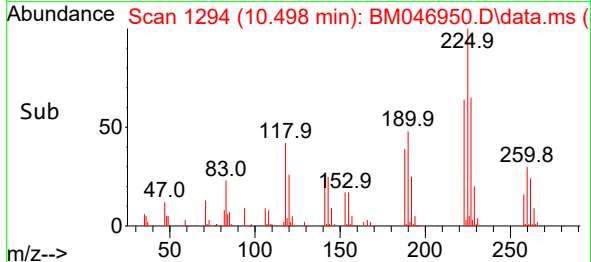
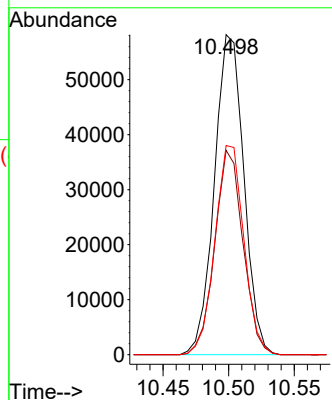
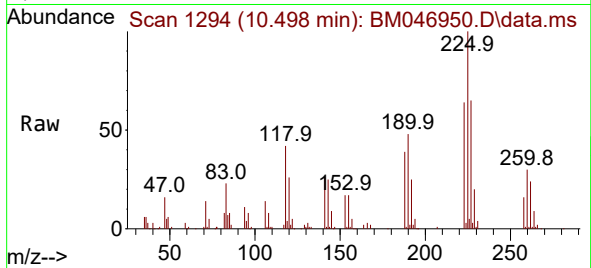




#33
Hexachlorobutadiene
Concen: 14.949 ng/ul
RT: 10.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

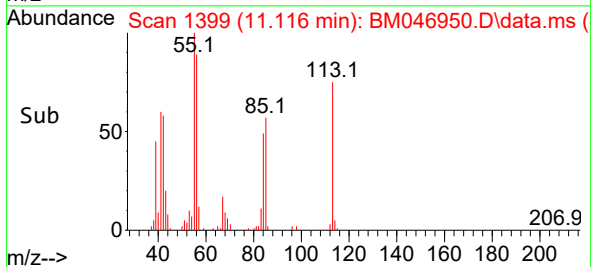
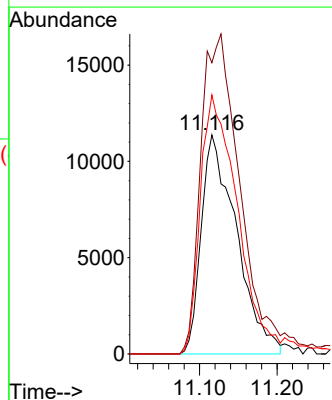
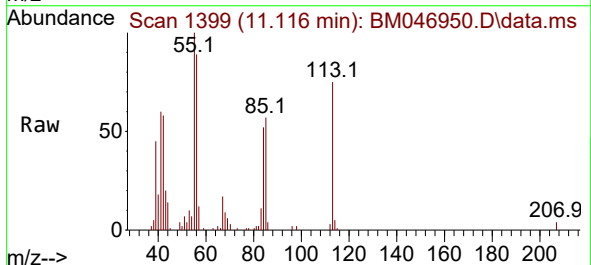
Instrument :
BNA_M
ClientSampleId :
SSTD020008

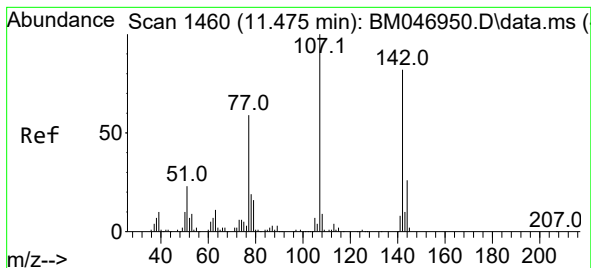
Tgt Ion:225 Resp: 90837
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.6
227 65.4 52.3 78.5



#34
Caprolactam
Concen: 19.195 ng/ul
RT: 11.116 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:113 Resp: 35946
Ion Ratio Lower Upper
113 100
55 132.9 106.3 159.5
56 118.2 94.6 141.8

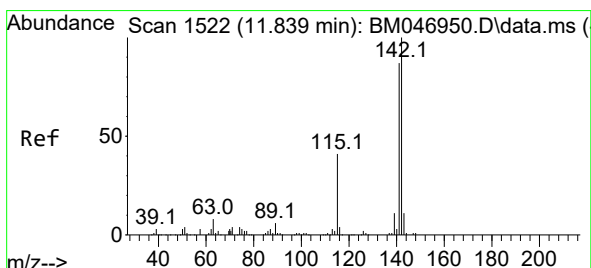
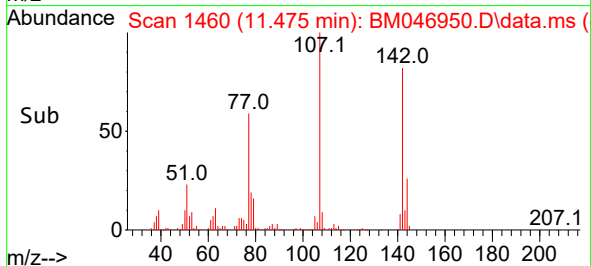
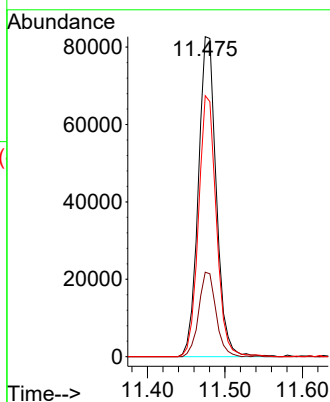
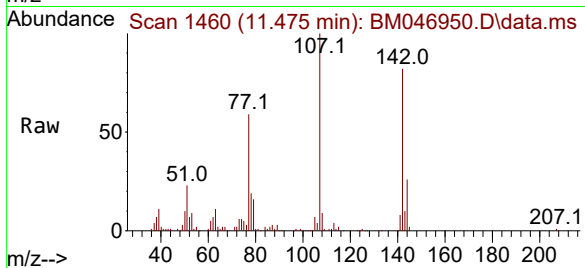




#35
4-Chloro-3-methylphenol
Concen: 21.567 ng/ul
RT: 11.475 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

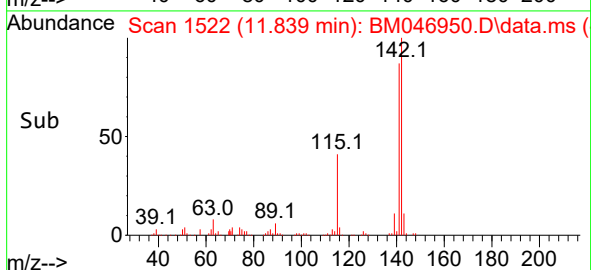
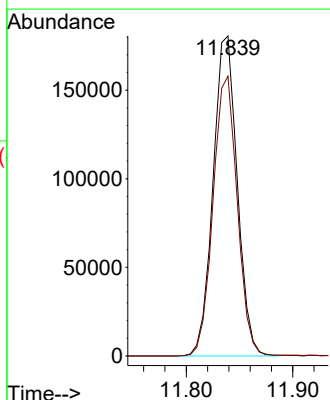
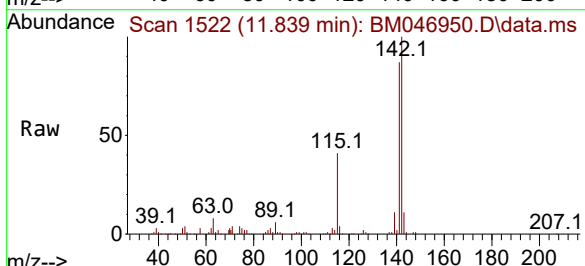
Instrument :
BNA_M
ClientSampleId :
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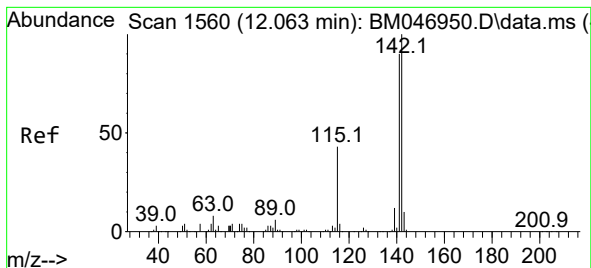
Tgt Ion:107 Resp: 133147
Ion Ratio Lower Upper
107 100
144 26.4 21.1 31.7
142 81.6 65.3 97.9



#36
2-Methylnaphthalene
Concen: 17.307 ng/ul
RT: 11.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:142 Resp: 284555
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9





#37

1-Methylnaphthalene

Concen: 17.678 ng/ul

RT: 12.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

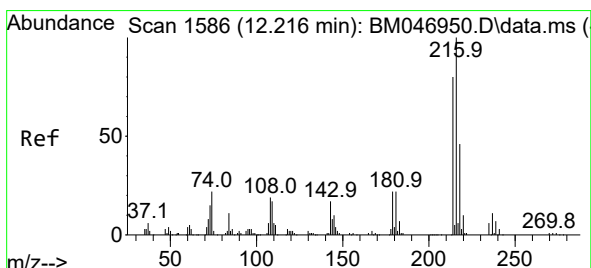
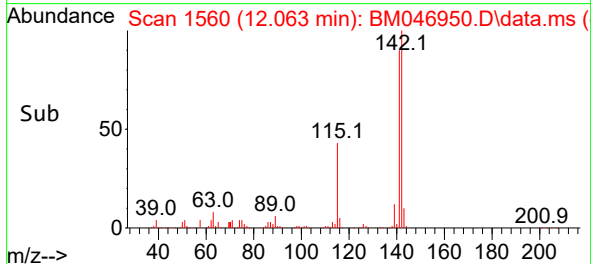
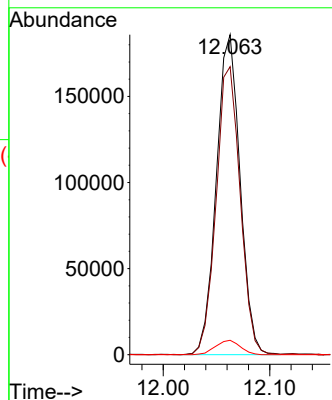
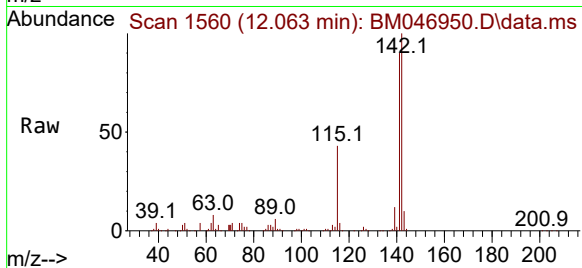
Tgt Ion:142 Resp: 287103

Ion Ratio Lower Upper

142 100

141 90.0 72.0 108.0

116 4.5 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 16.497 ng/ul

RT: 12.216 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Tgt Ion:216 Resp: 156632

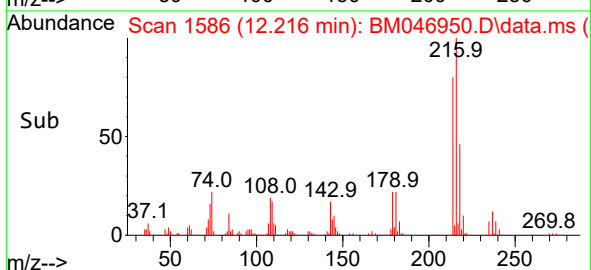
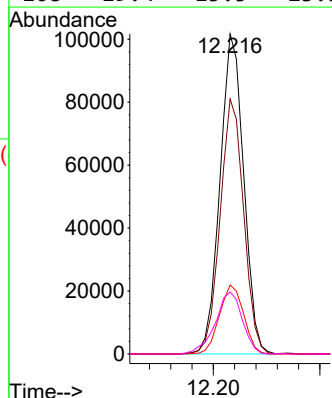
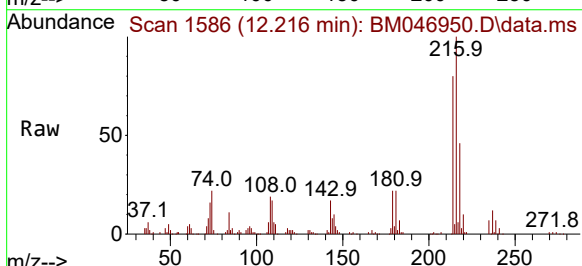
Ion Ratio Lower Upper

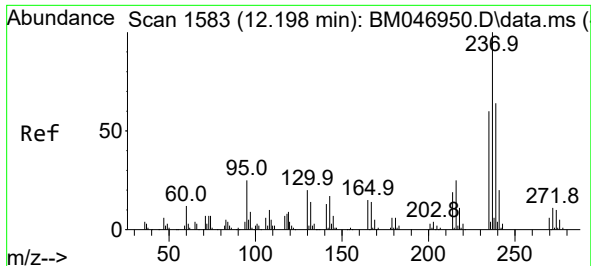
216 100

214 79.6 63.7 95.5

179 21.6 17.3 25.9

108 19.4 15.5 23.3

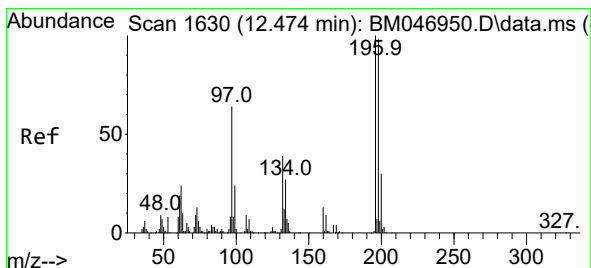
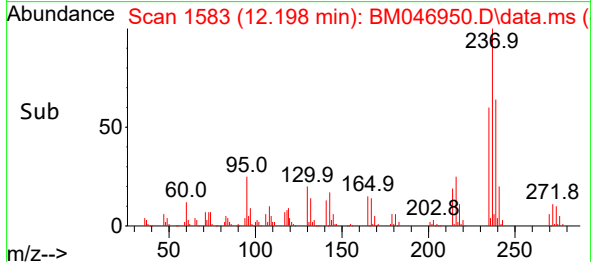
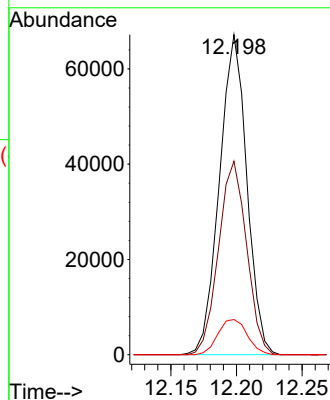
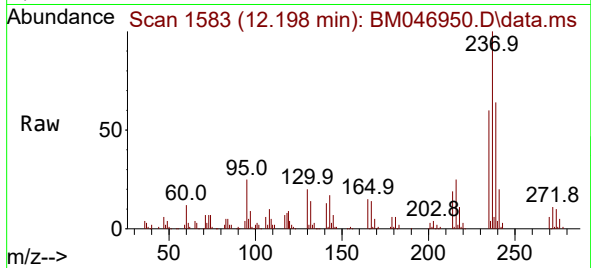




#40
Hexachlorocyclopentadiene
Concen: 17.502 ng/ul
RT: 12.198 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

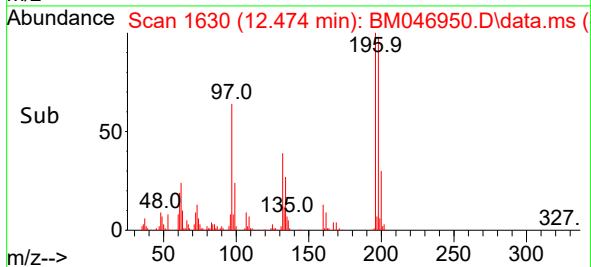
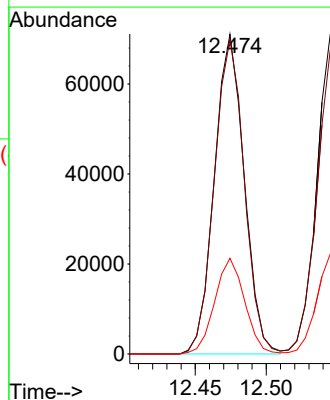
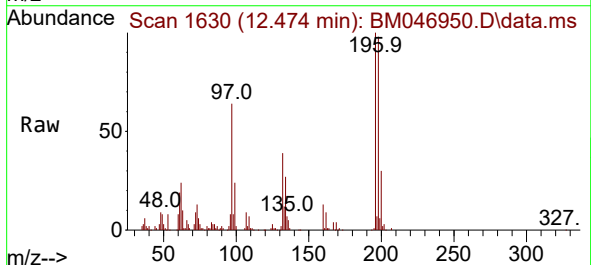
Instrument :
BNA_M
ClientSampleId :
SSTD020008

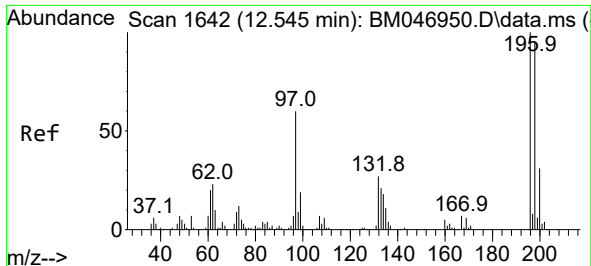
Tgt Ion:237 Resp: 97449
Ion Ratio Lower Upper
237 100
235 60.5 48.4 72.6
272 11.0 8.8 13.2



#41
2,4,6-Trichlorophenol
Concen: 17.556 ng/ul
RT: 12.474 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:196 Resp: 103760
Ion Ratio Lower Upper
196 100
198 98.4 78.7 118.1
200 29.9 23.9 35.9

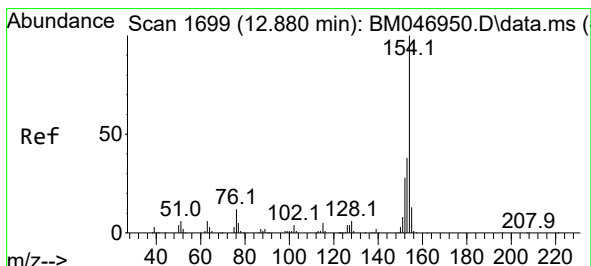
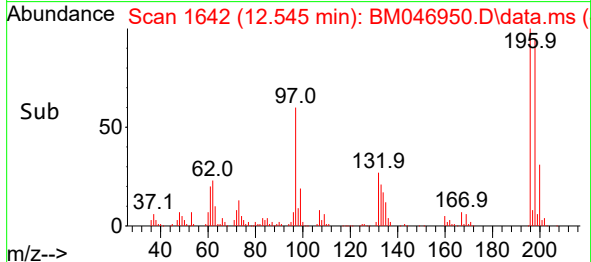
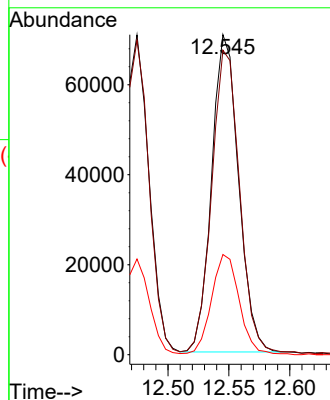
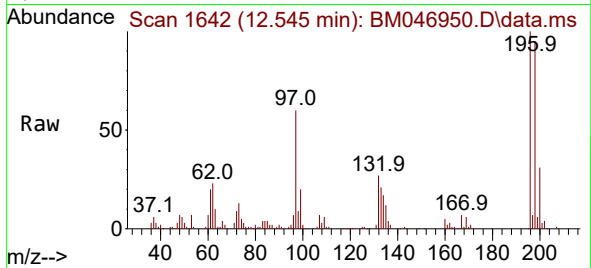




#42
2,4,5-Trichlorophenol
Concen: 17.160 ng/ul
RT: 12.545 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

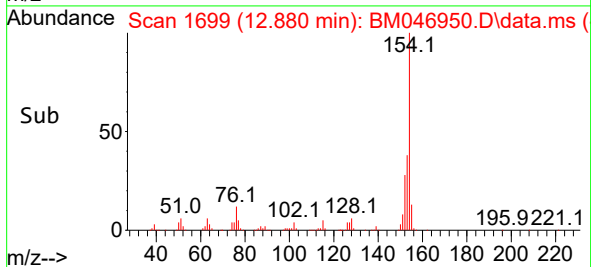
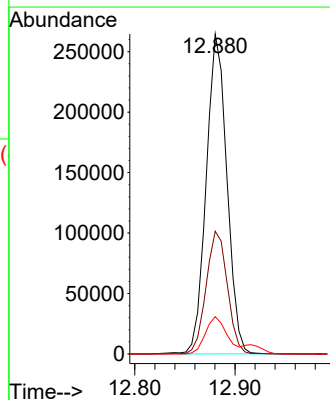
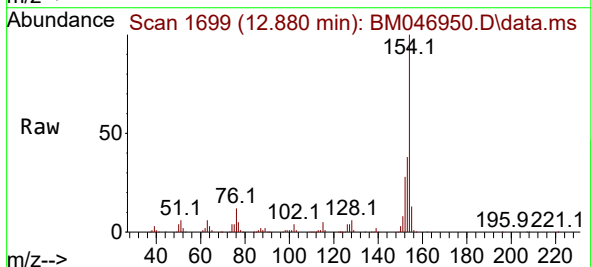
Instrument :
BNA_M
ClientSampleId :
SSTD020008

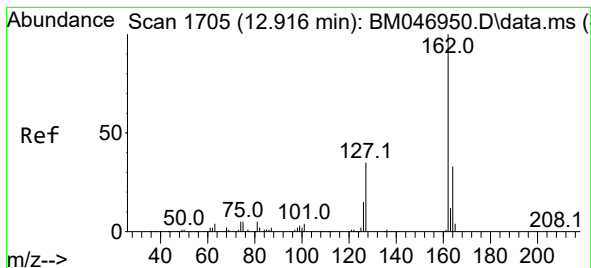
Tgt Ion:196 Resp: 108829
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
200 31.3 25.0 37.6



#43
1,1'-Biphenyl
Concen: 20.164 ng/ul
RT: 12.880 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:154 Resp: 379170
Ion Ratio Lower Upper
154 100
153 38.4 30.7 46.1
76 11.6 9.3 13.9





#44

2-Chloronaphthalene

Concen: 19.660 ng/ul

RT: 12.916 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

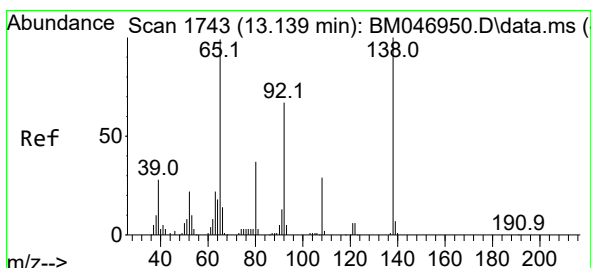
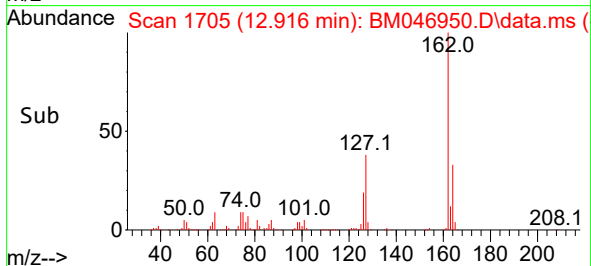
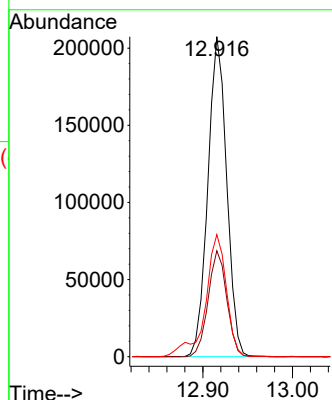
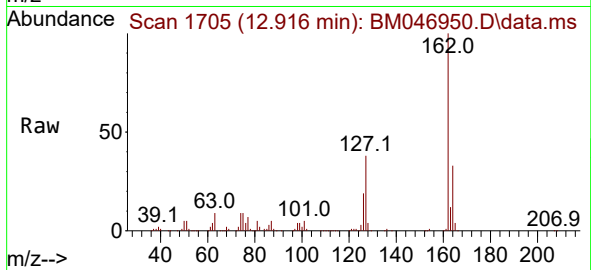
Tgt Ion:162 Resp: 302415

Ion Ratio Lower Upper

162 100

164 33.1 26.5 39.7

127 38.2 30.6 45.8



#45

2-Nitroaniline

Concen: 23.409 ng/ul

RT: 13.139 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

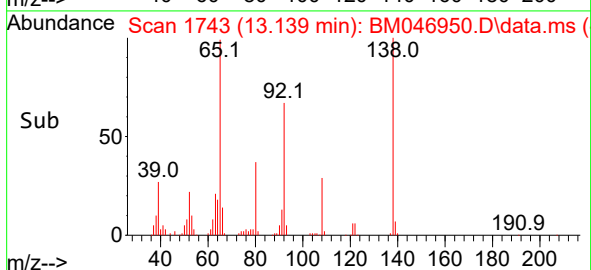
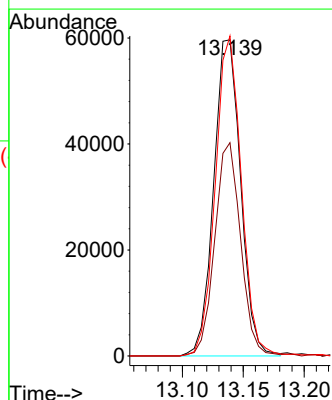
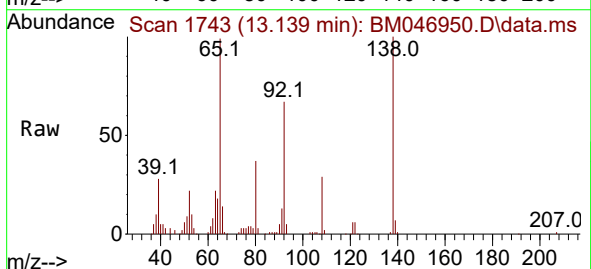
Tgt Ion: 65 Resp: 92023

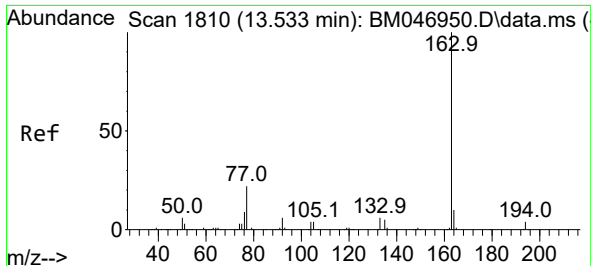
Ion Ratio Lower Upper

65 100

92 67.5 54.0 81.0

138 101.2 81.0 121.4

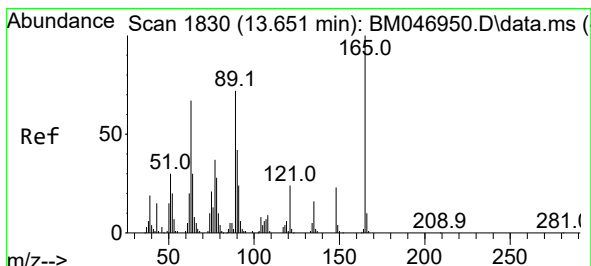
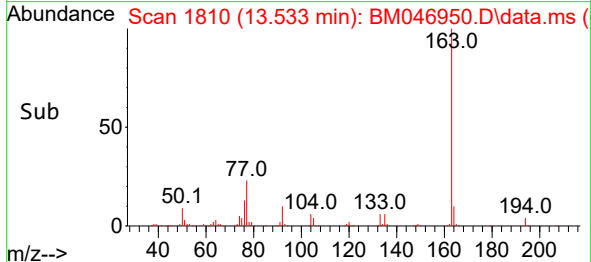
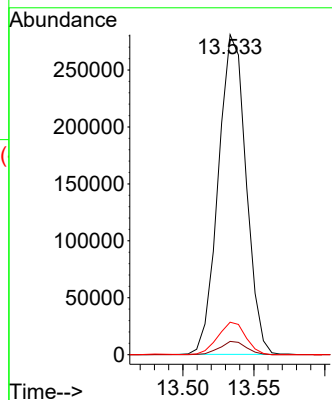
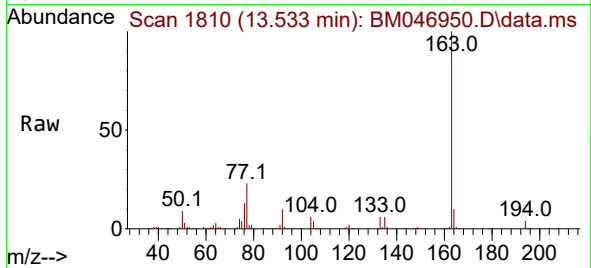




#47
Dimethylphthalate
Concen: 20.746 ng/ul
RT: 13.533 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

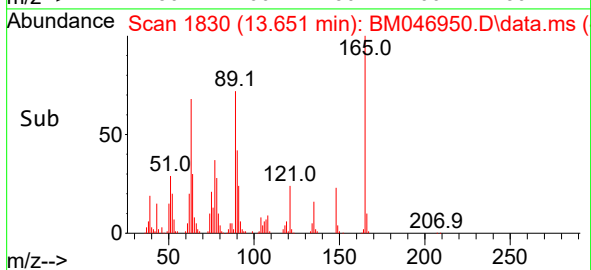
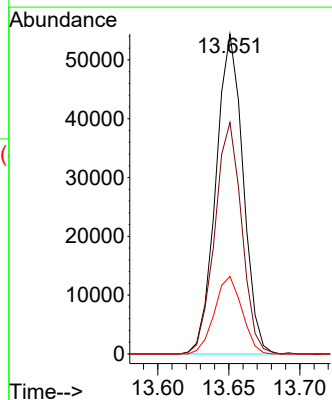
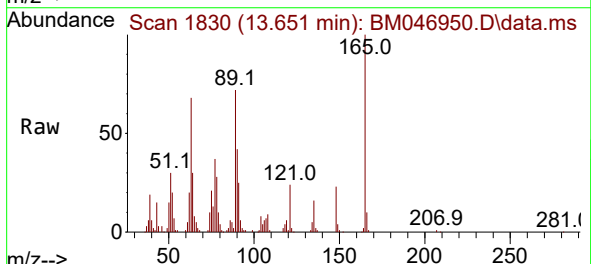
Instrument :
BNA_M
ClientSampleId :
SSTD020008

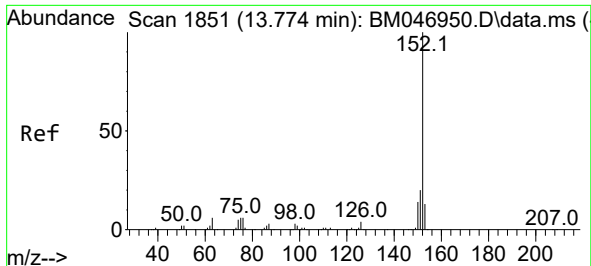
Tgt Ion:163 Resp: 382181
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 19.425 ng/ul
RT: 13.651 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:165 Resp: 72377
Ion Ratio Lower Upper
165 100
89 72.3 57.8 86.8
121 24.2 19.4 29.0

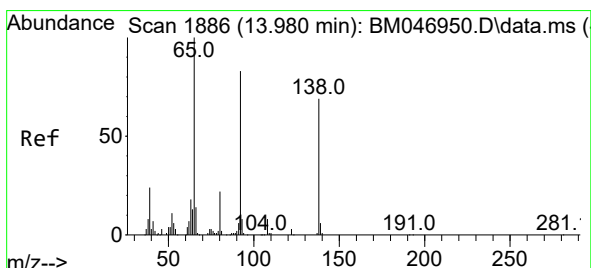
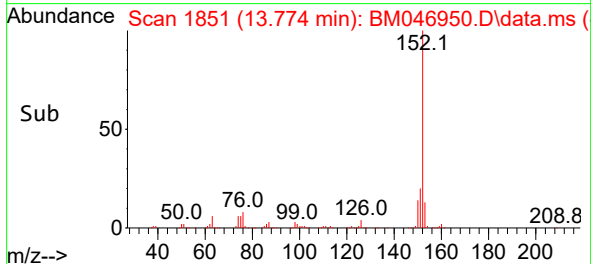
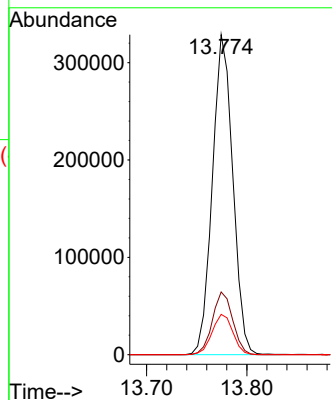
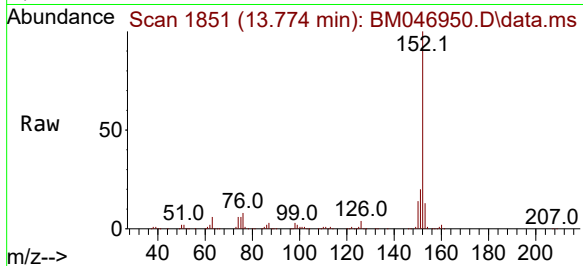




#50
Acenaphthylene
Concen: 22.156 ng/ul
RT: 13.774 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

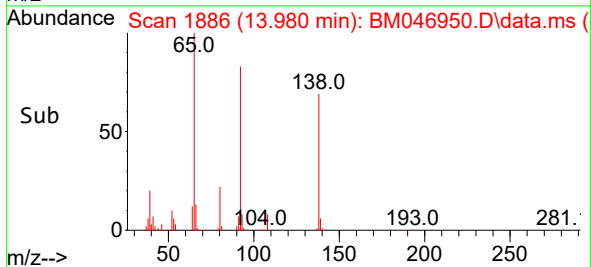
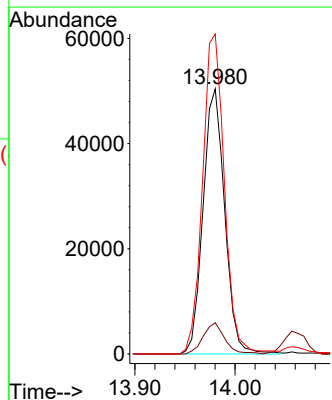
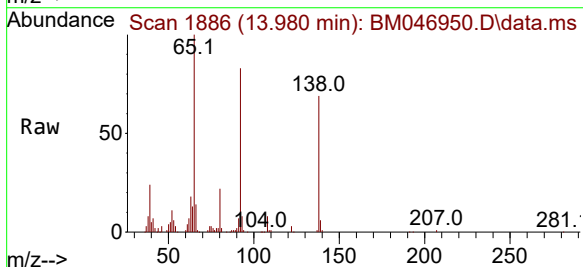
Instrument :
BNA_M
ClientSampleId :
SSTD020008

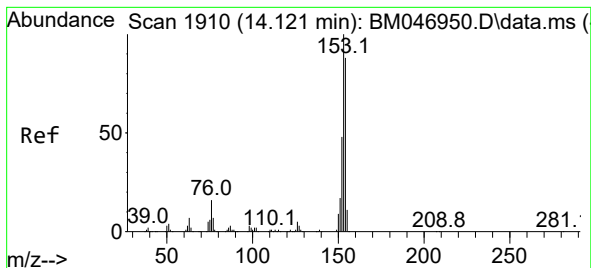
Tgt Ion:152 Resp: 465564
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.6 10.1 15.1



#51
3-Nitroaniline
Concen: 20.760 ng/ul
RT: 13.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:138 Resp: 75732
Ion Ratio Lower Upper
138 100
108 11.8 9.4 14.2
92 120.7 96.6 144.8

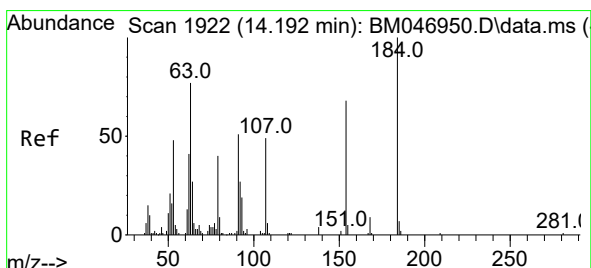
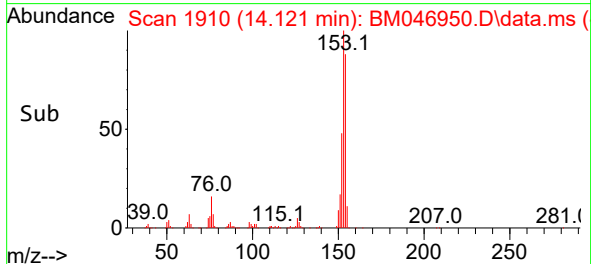
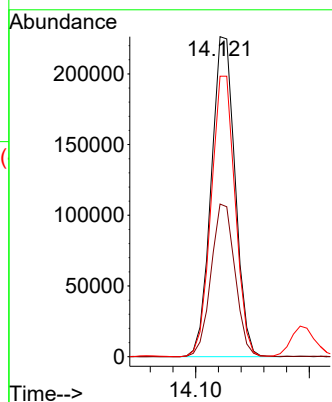
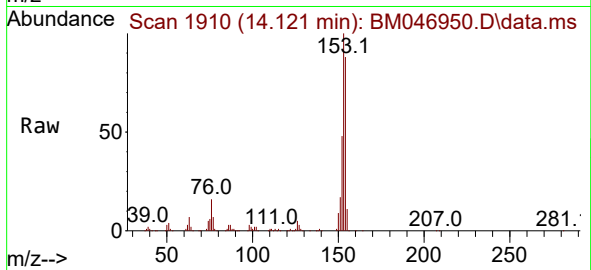




#52
Acenaphthene
Concen: 21.669 ng/ul
RT: 14.121 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

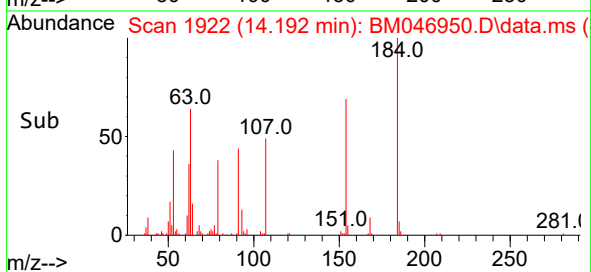
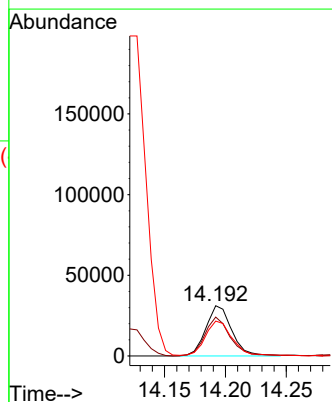
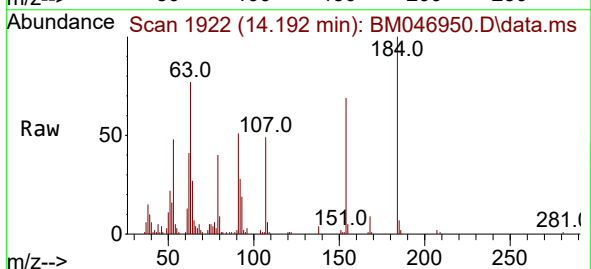
Instrument :
BNA_M
ClientSampleId :
SSTD020008

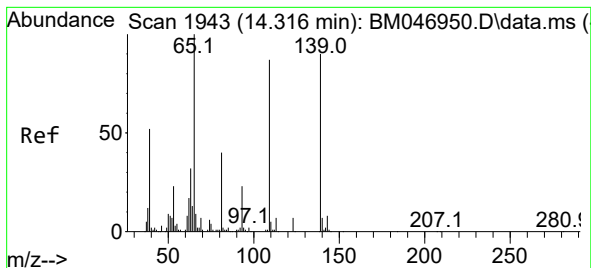
Tgt Ion:153 Resp: 330983
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.2
154 87.6 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 16.837 ng/ul
RT: 14.192 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:184 Resp: 46079
Ion Ratio Lower Upper
184 100
63 77.4 61.9 92.9
154 69.5 55.6 83.4

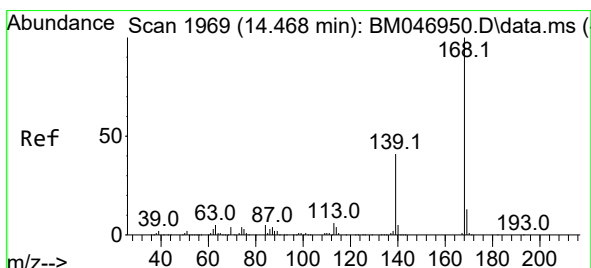
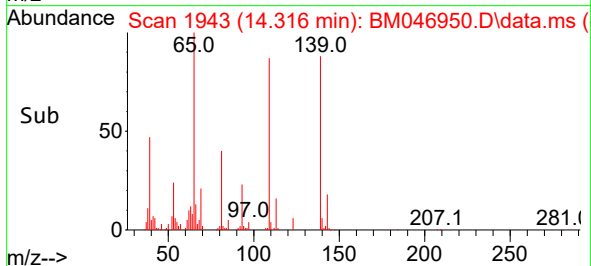
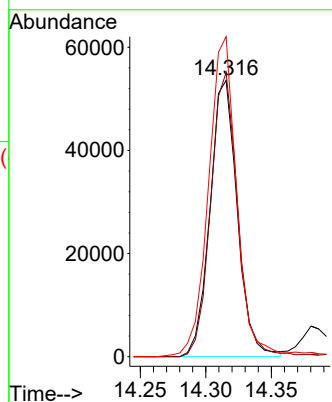
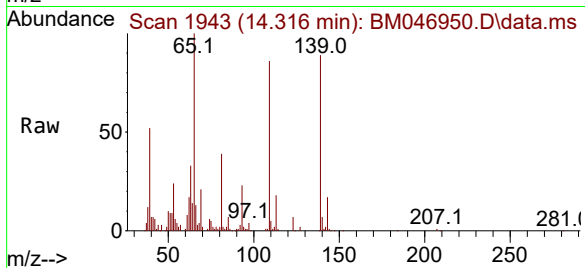




#55
4-Nitrophenol
Concen: 18.628 ng/ul
RT: 14.316 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

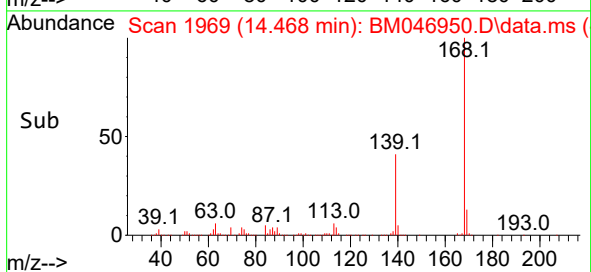
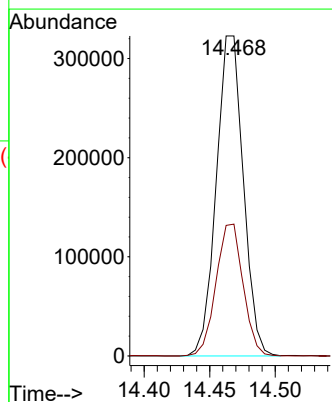
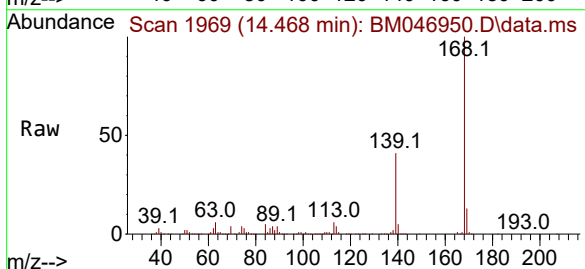
Instrument :
BNA_M
ClientSampleId :
SSTD020008

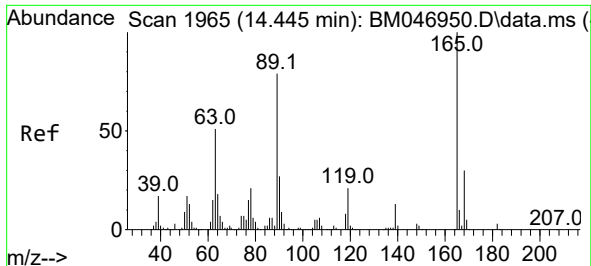
Tgt Ion:109 Resp: 77589
Ion Ratio Lower Upper
109 100
139 102.9 82.3 123.5
65 115.8 92.6 139.0



#56
Dibenzofuran
Concen: 19.923 ng/ul
RT: 14.468 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:168 Resp: 462703
Ion Ratio Lower Upper
168 100
139 41.2 33.0 49.4





#57

2,4-Dinitrotoluene

Concen: 20.696 ng/ul

RT: 14.445 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

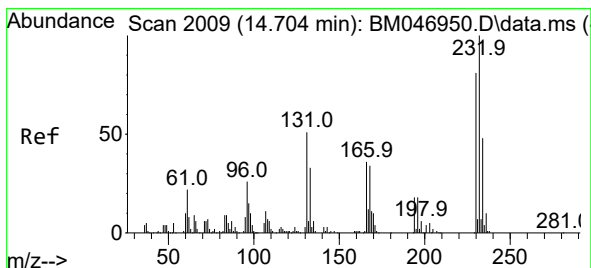
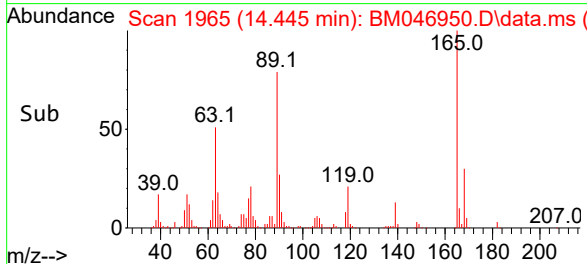
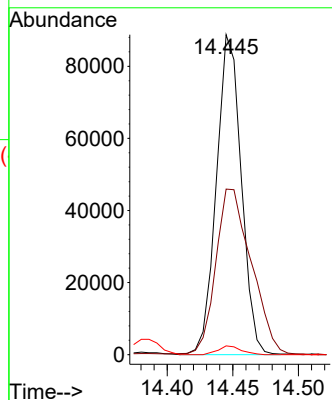
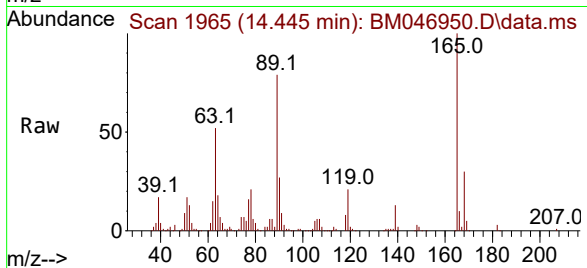
Tgt Ion:165 Resp: 117044

Ion Ratio Lower Upper

165 100

63 51.7 41.4 62.0

182 2.7 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 17.606 ng/ul

RT: 14.704 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Tgt Ion:232 Resp: 96998

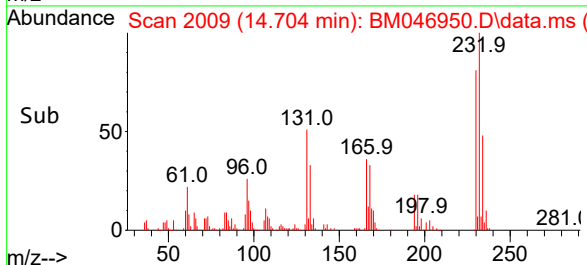
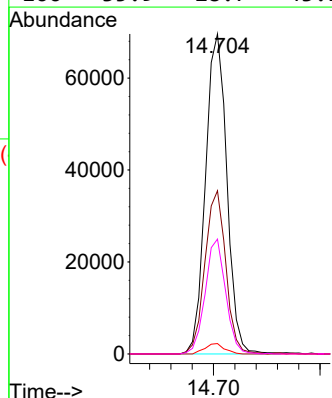
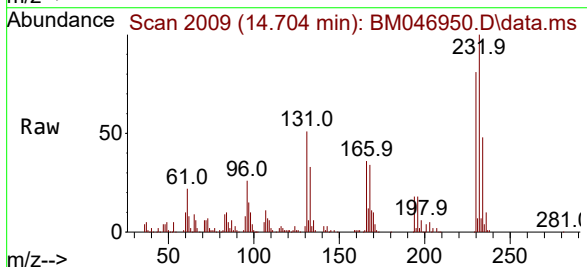
Ion Ratio Lower Upper

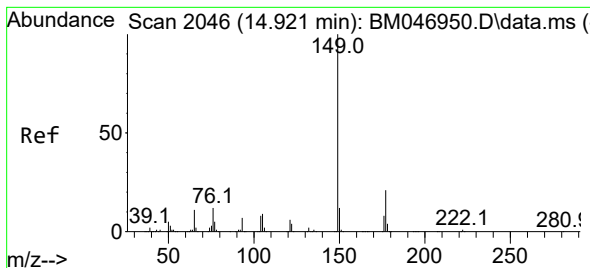
232 100

131 51.0 40.8 61.2

130 3.2 2.6 3.8

166 35.9 28.7 43.1

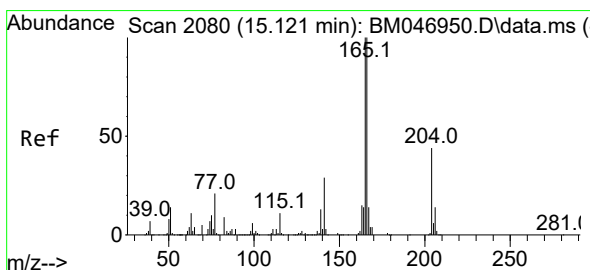
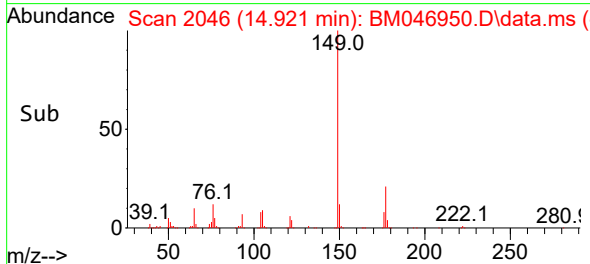
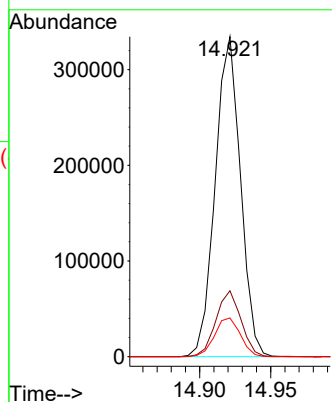
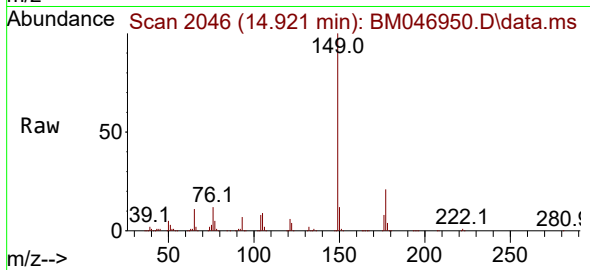




#59
Diethylphthalate
Concen: 21.301 ng/ul
RT: 14.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

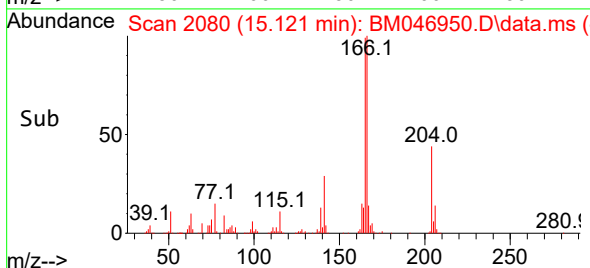
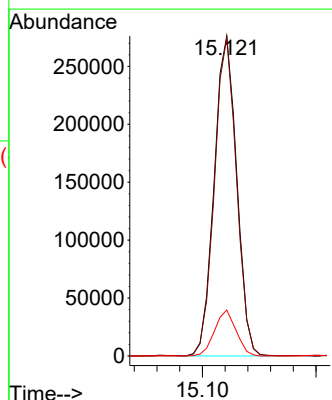
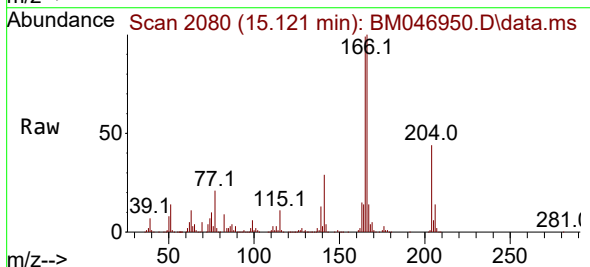
Instrument :
BNA_M
ClientSampleId :
SSTD020008

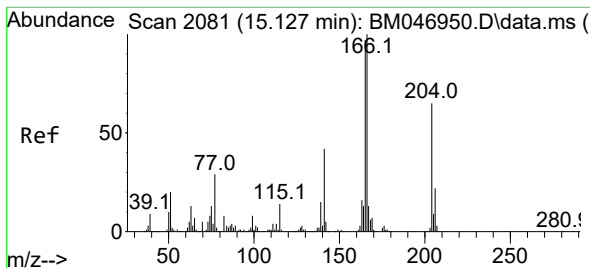
Tgt Ion:149 Resp: 413627
Ion Ratio Lower Upper
149 100
177 20.6 16.5 24.7
150 12.1 9.7 14.5



#61
Fluorene
Concen: 19.749 ng/ul
RT: 15.121 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:166 Resp: 380709
Ion Ratio Lower Upper
166 100
165 99.4 79.5 119.3
167 14.4 11.5 17.3

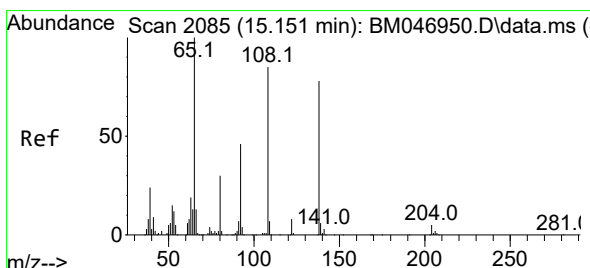
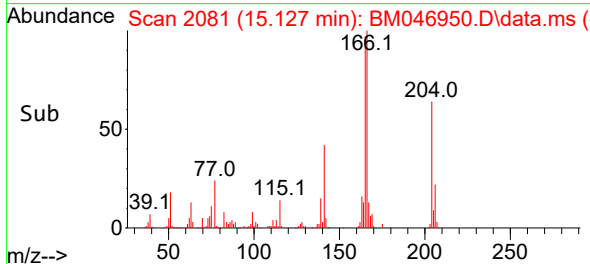
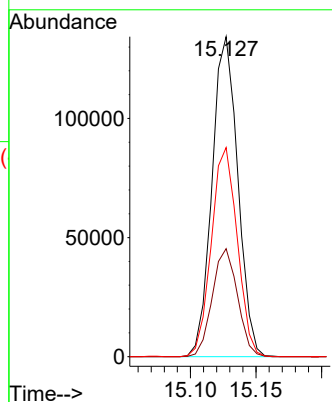
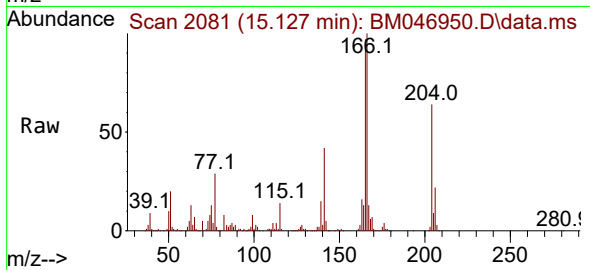




#62
4-Chlorophenyl-phenylether
Concen: 17.101 ng/ul
RT: 15.127 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

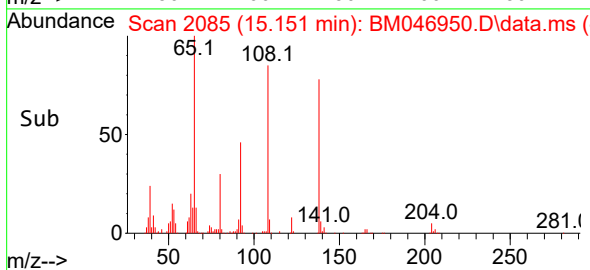
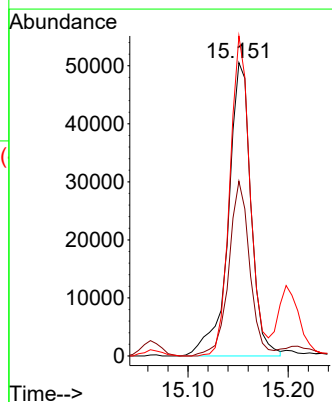
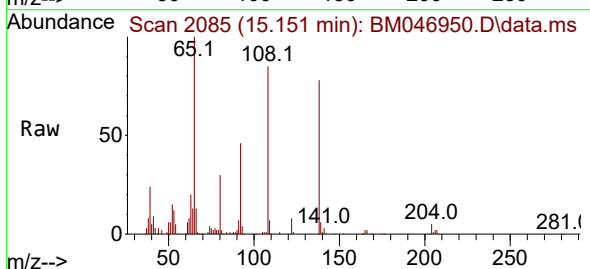
Instrument :
BNA_M
ClientSampleId :
SSTD020008

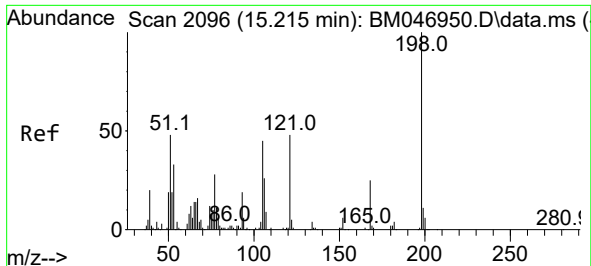
Tgt Ion:204 Resp: 183756
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 65.3 52.2 78.4



#63
4-Nitroaniline
Concen: 21.139 ng/ul
RT: 15.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:138 Resp: 79525
Ion Ratio Lower Upper
138 100
92 59.6 47.7 71.5
108 109.1 87.3 130.9

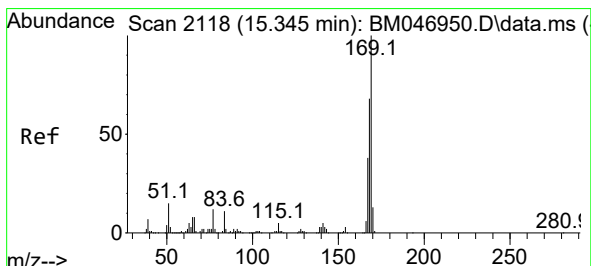
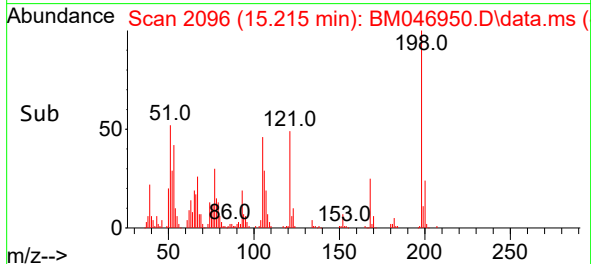
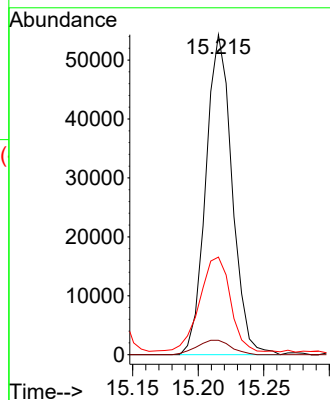
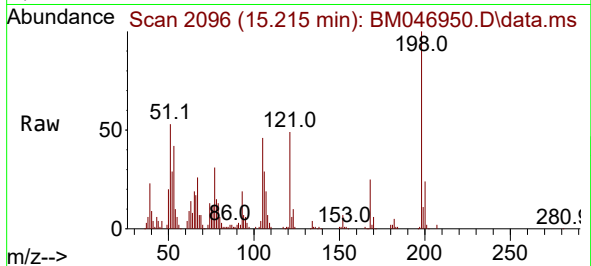




#66
4,6-Dinitro-2-methylphenol
Concen: 19.456 ng/ul
RT: 15.215 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

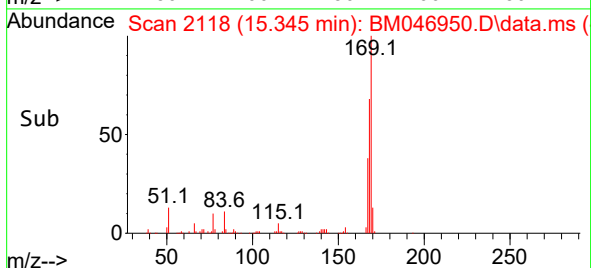
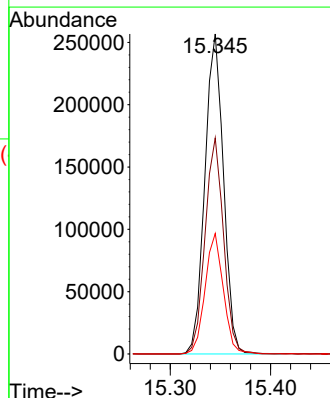
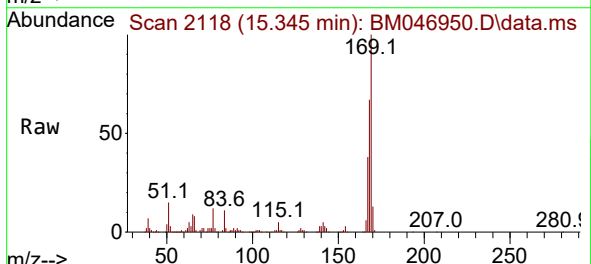
Instrument :
BNA_M
ClientSampleId :
SSTD020008

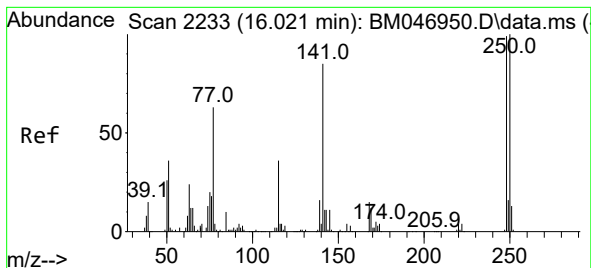
Tgt Ion:198 Resp: 75713
Ion Ratio Lower Upper
198 100
182 4.5 3.6 5.4
77 30.5 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 21.964 ng/ul
RT: 15.345 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:169 Resp: 332235
Ion Ratio Lower Upper
169 100
168 67.5 54.0 81.0
167 37.7 30.2 45.2

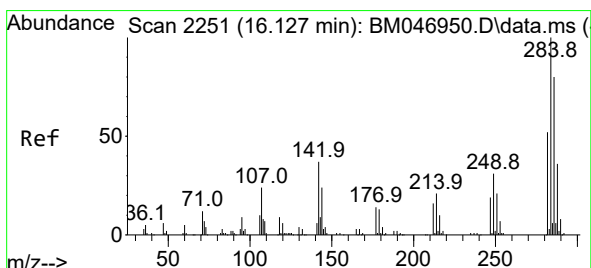
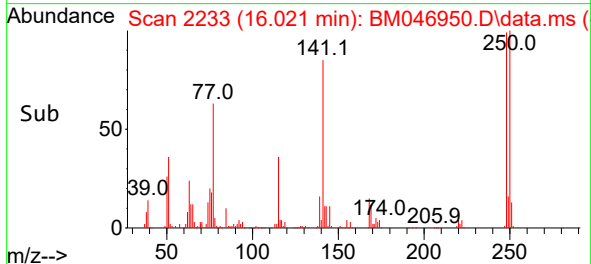
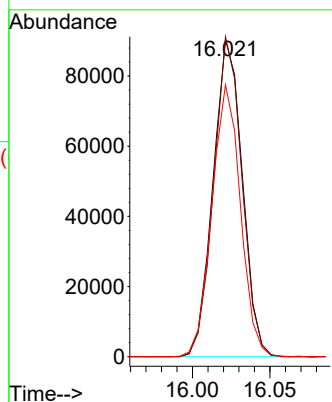
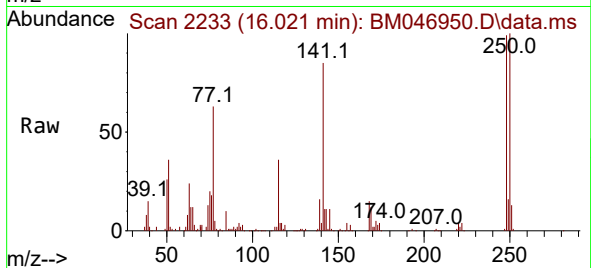




#68
4-Bromophenyl-phenylether
Concen: 18.403 ng/ul
RT: 16.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

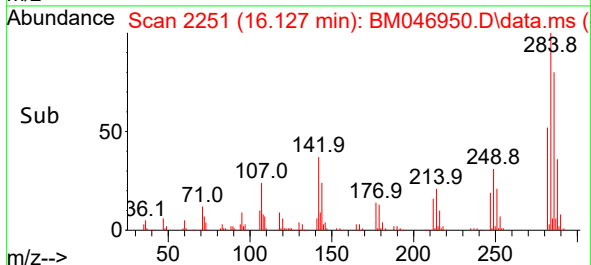
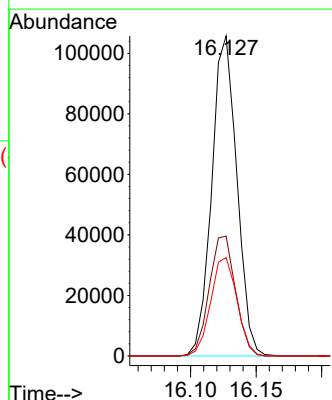
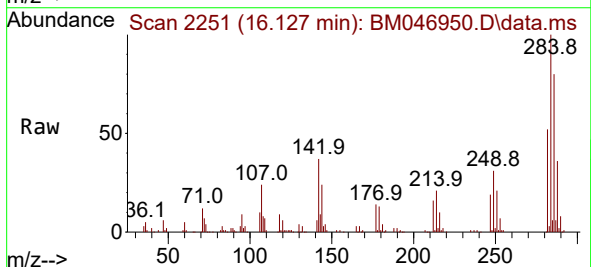
Instrument :
BNA_M
ClientSampleId :
SSTD020008

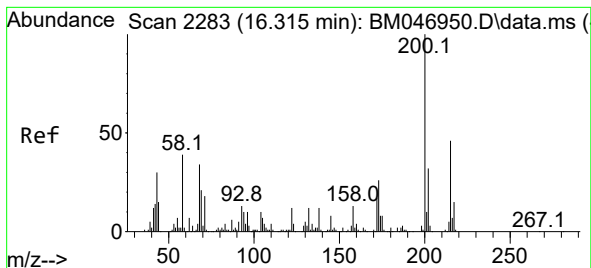
Tgt Ion:248 Resp: 118596
Ion Ratio Lower Upper
248 100
250 100.9 80.7 121.1
141 85.8 68.6 103.0



#69
Hexachlorobenzene
Concen: 18.498 ng/ul
RT: 16.127 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:284 Resp: 140823
Ion Ratio Lower Upper
284 100
142 37.5 30.0 45.0
249 30.7 24.6 36.8





#70

Atrazine

Concen: 19.736 ng/ul

RT: 16.315 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

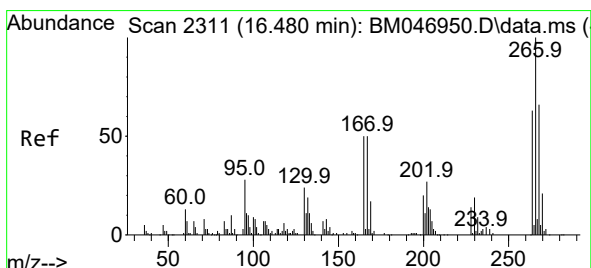
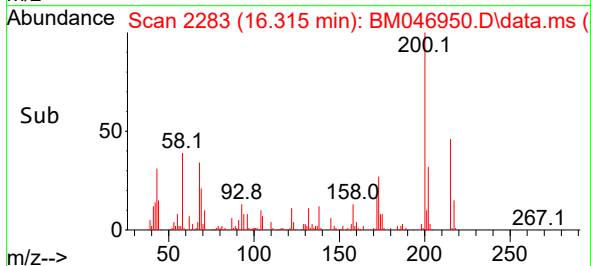
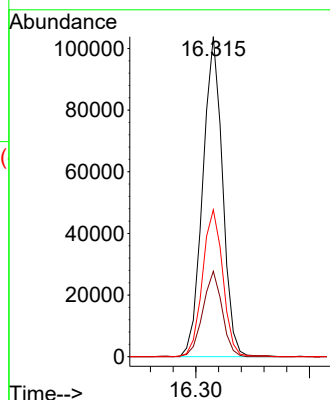
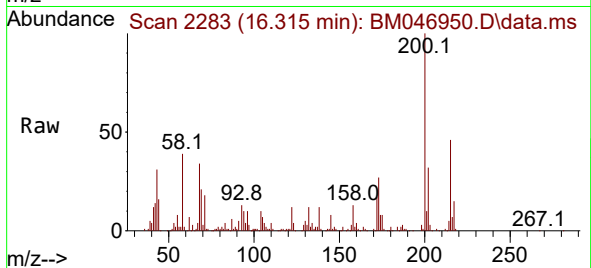
Tgt Ion:200 Resp: 125526

Ion Ratio Lower Upper

200 100

173 26.7 21.4 32.0

215 45.9 36.7 55.1



#71

Pentachlorophenol

Concen: 17.693 ng/ul

RT: 16.480 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

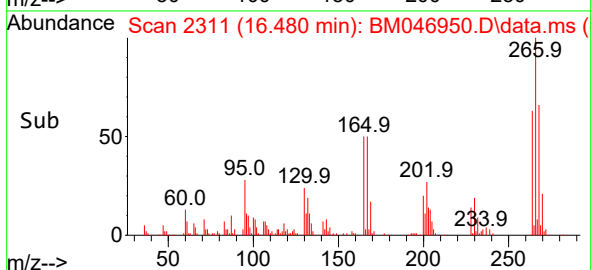
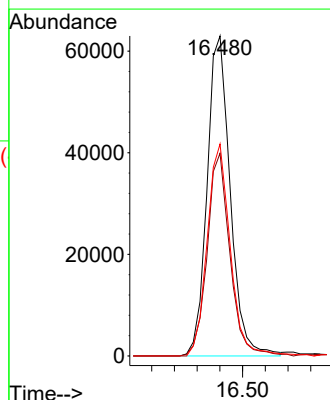
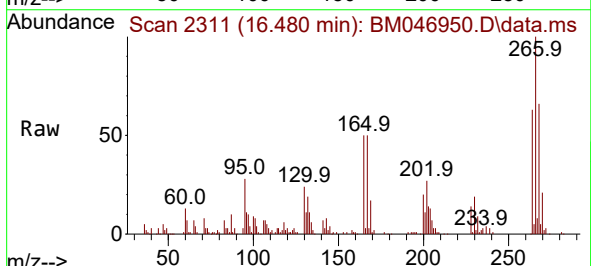
Tgt Ion:266 Resp: 89127

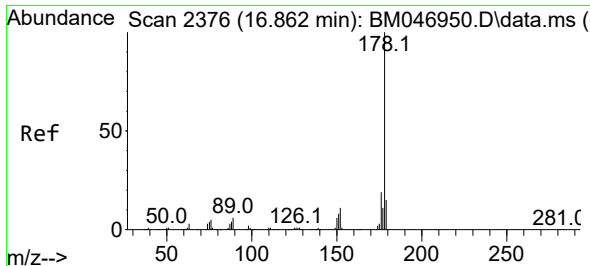
Ion Ratio Lower Upper

266 100

264 63.4 50.7 76.1

268 66.3 53.0 79.6

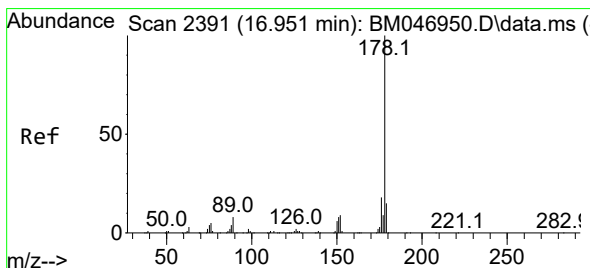
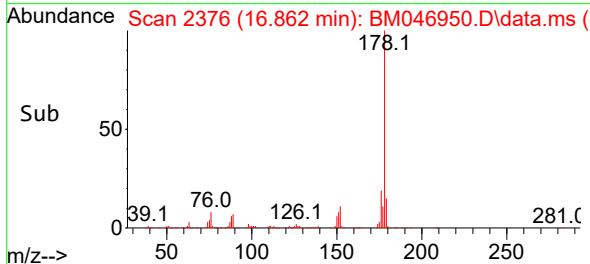
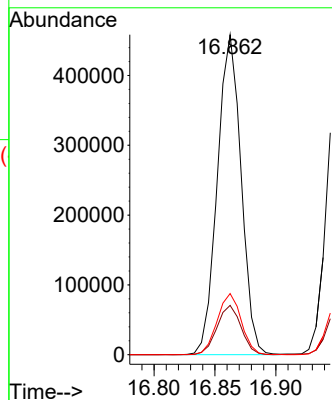
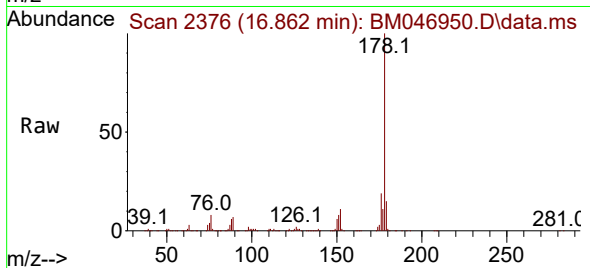




#72
Phenanthrene
Concen: 21.106 ng/ul
RT: 16.862 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

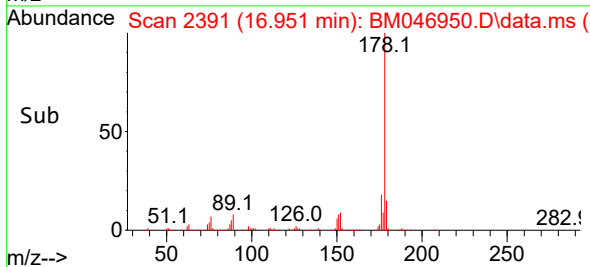
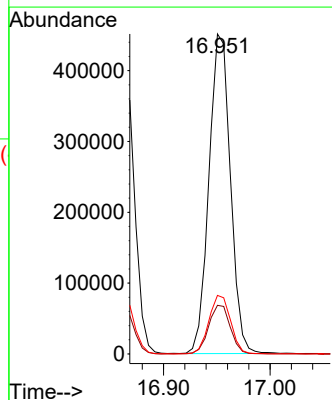
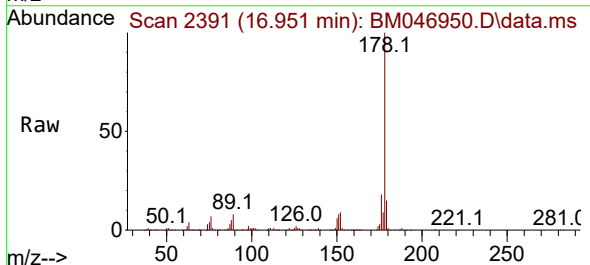
Instrument :
BNA_M
ClientSampleId :
SSTD020008

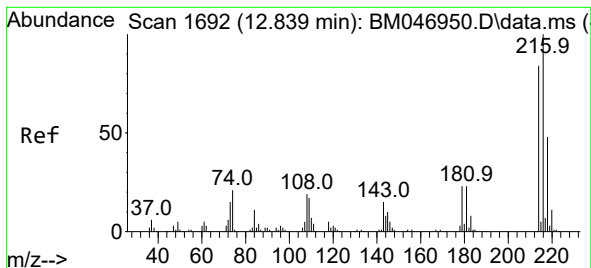
Tgt Ion:178 Resp: 623167
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.1 15.3 22.9



#74
Anthracene
Concen: 20.949 ng/ul
RT: 16.951 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:178 Resp: 631763
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 18.3 14.6 22.0

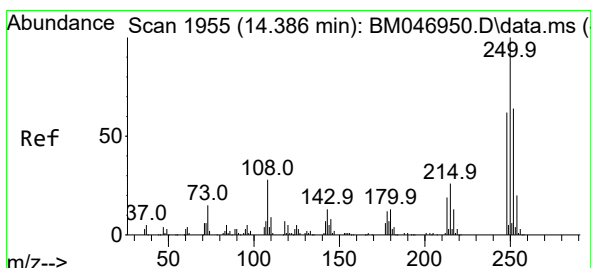
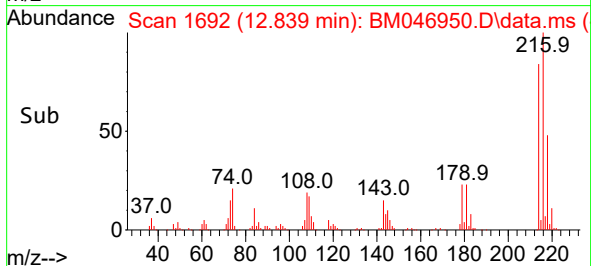
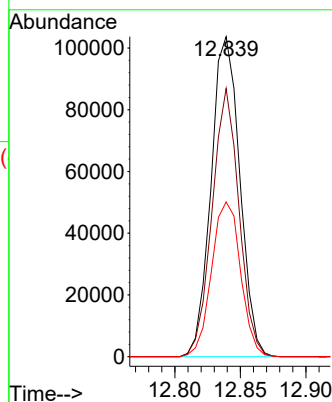
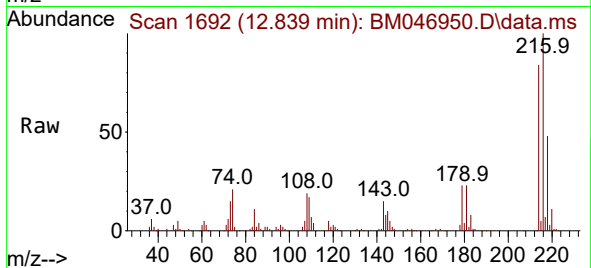




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.484 ng/uL
RT: 12.839 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

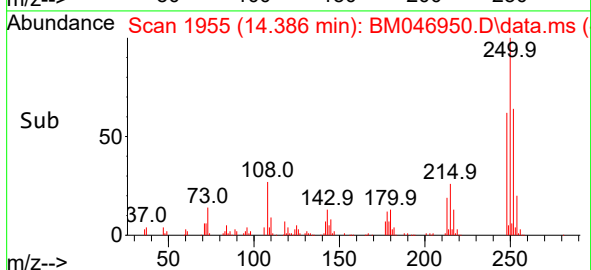
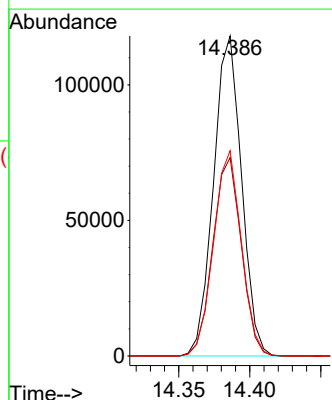
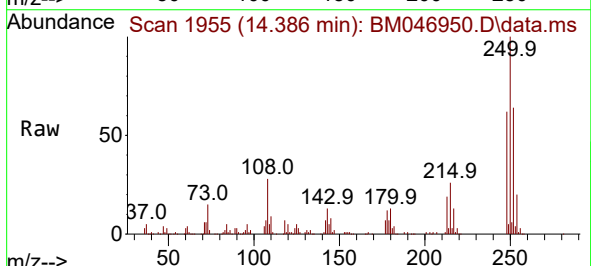
Instrument :
BNA_M
ClientSampleId :
SSTD020008

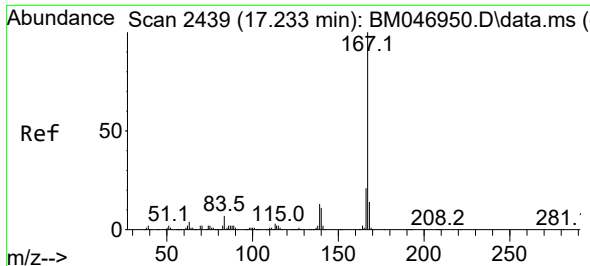
Tgt Ion:216 Resp: 158221
Ion Ratio Lower Upper
216 100
214 83.8 67.0 100.6
218 48.4 38.7 58.1



#76
Pentachlorobenzene
Concen: 18.343 ng/uL
RT: 14.386 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM046950.D
Acq: 02 Aug 2024 15:41

Tgt Ion:250 Resp: 161758
Ion Ratio Lower Upper
250 100
248 62.0 49.6 74.4
252 64.2 51.4 77.0

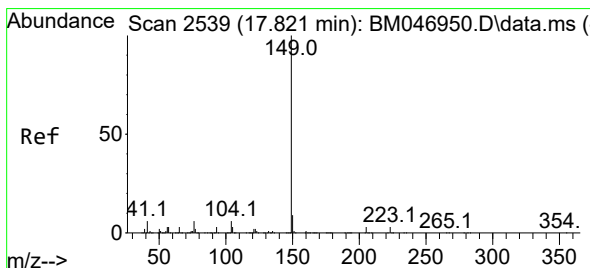
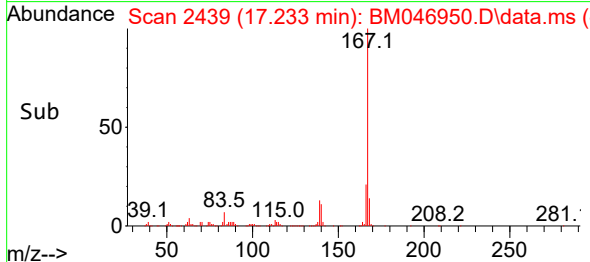
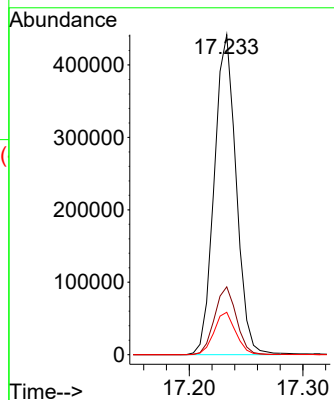
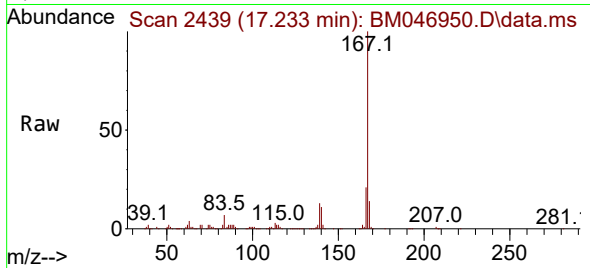




#77
 Carbazole
 Concen: 21.805 ng/ul
 RT: 17.233 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BM046950.D
 Acq: 02 Aug 2024 15:41

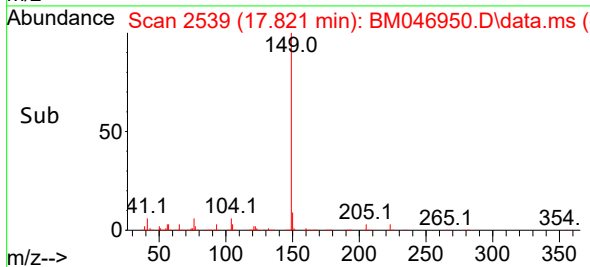
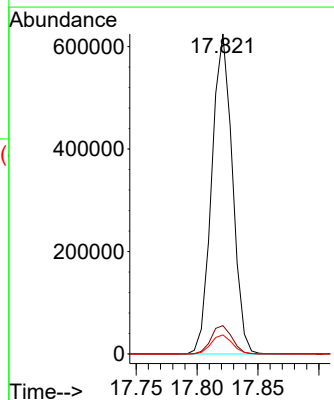
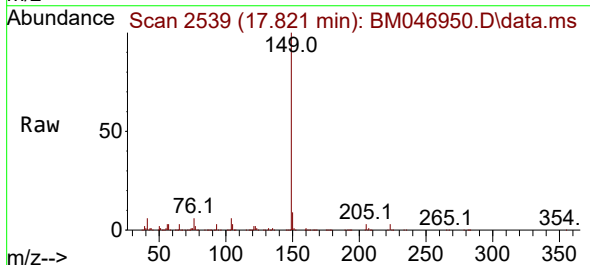
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020008

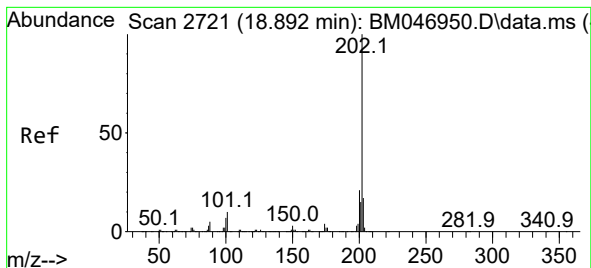
Tgt Ion:167 Resp: 592542
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 13.3 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 23.001 ng/ul
 RT: 17.821 min Scan# 2539
 Delta R.T. 0.000 min
 Lab File: BM046950.D
 Acq: 02 Aug 2024 15:41

Tgt Ion:149 Resp: 733985
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.0 10.6
 104 6.0 4.8 7.2





#80

Fluoranthene

Concen: 20.753 ng/ul

RT: 18.892 min Scan# 2721

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

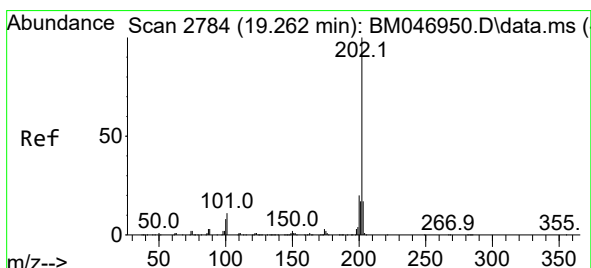
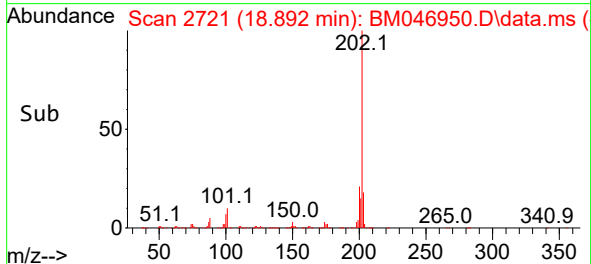
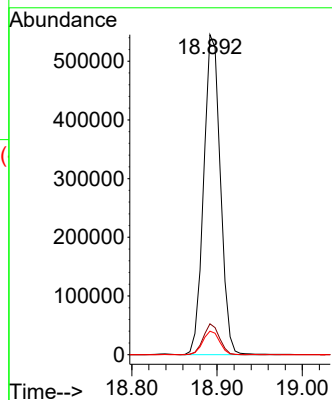
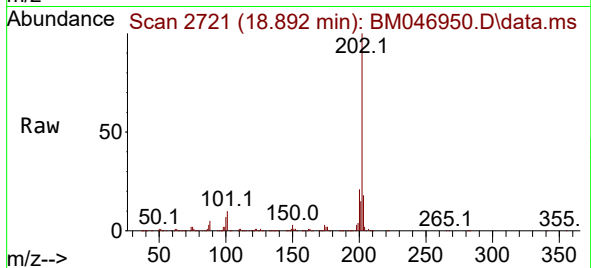
Tgt Ion:202 Resp: 741414

Ion Ratio Lower Upper

202 100

101 9.7 7.8 11.6

100 7.4 5.9 8.9



#82

Pyrene

Concen: 22.667 ng/ul

RT: 19.262 min Scan# 2784

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

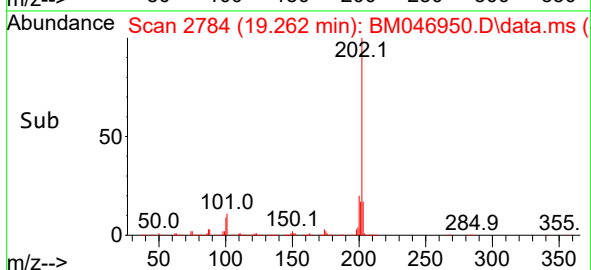
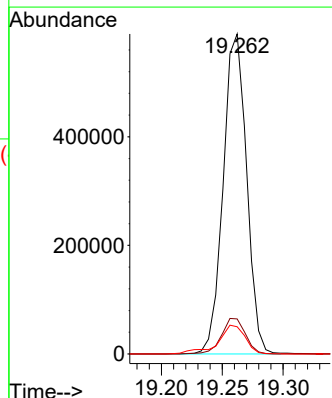
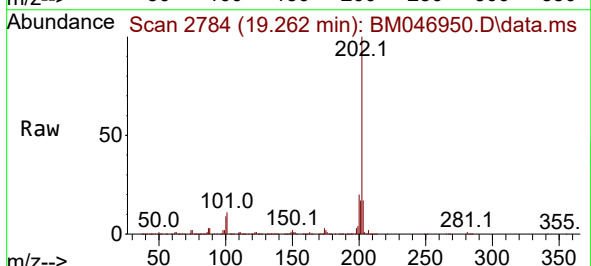
Tgt Ion:202 Resp: 789151

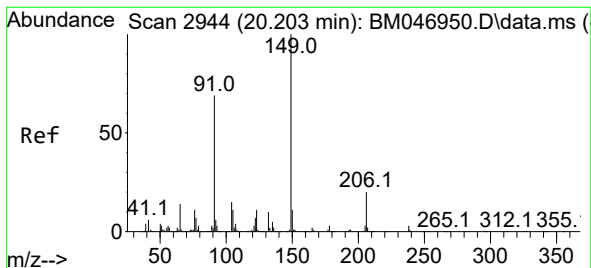
Ion Ratio Lower Upper

202 100

101 10.9 8.7 13.1

100 8.5 6.8 10.2





#83

Butylbenzylphthalate

Concen: 25.028 ng/ul

RT: 20.203 min Scan# 2944

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

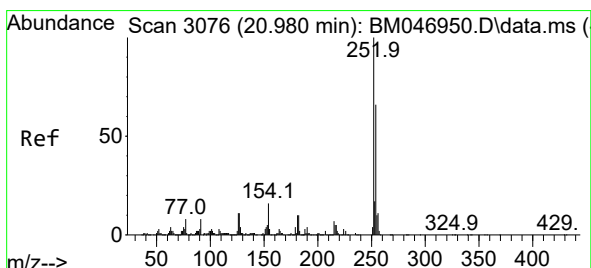
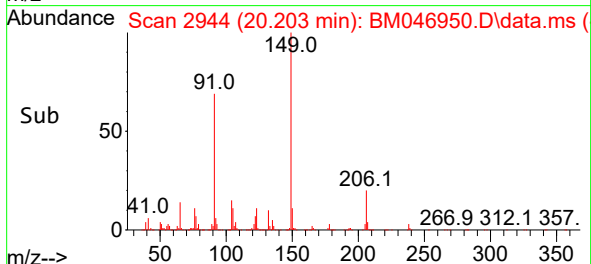
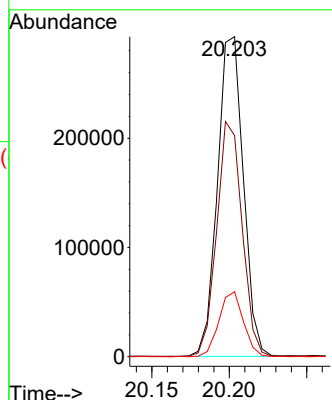
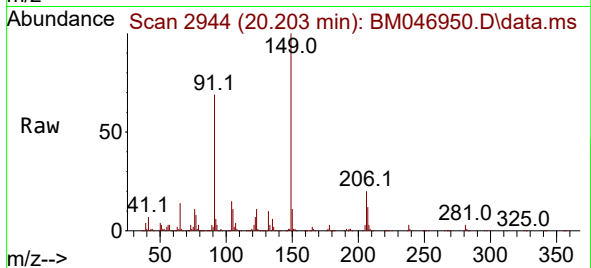
Tgt Ion:149 Resp: 340061

Ion Ratio Lower Upper

149 100

91 69.1 55.3 82.9

206 20.3 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 19.630 ng/ul

RT: 20.980 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

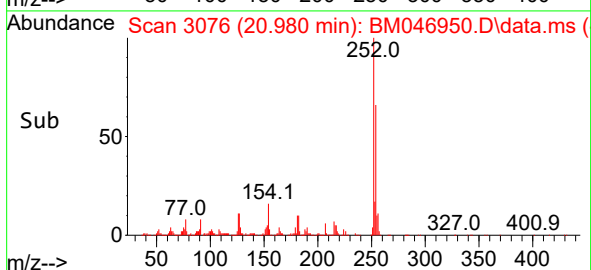
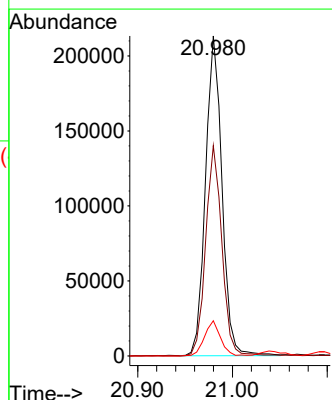
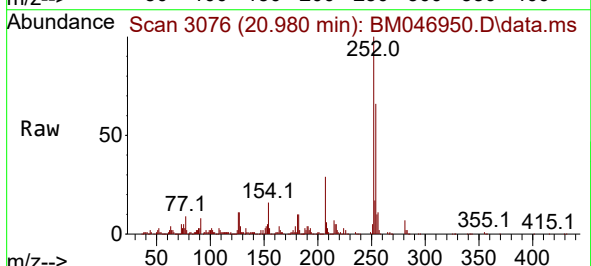
Tgt Ion:252 Resp: 257138

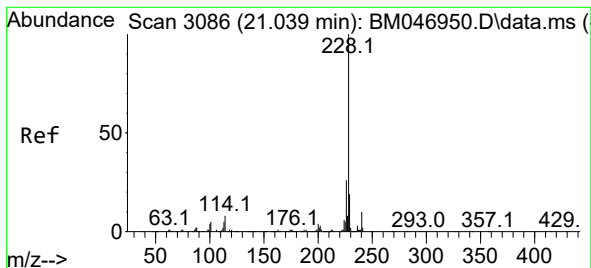
Ion Ratio Lower Upper

252 100

254 65.7 52.6 78.8

126 11.0 8.8 13.2





#85

Benzo(a)anthracene

Concen: 20.295 ng/ul

RT: 21.039 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

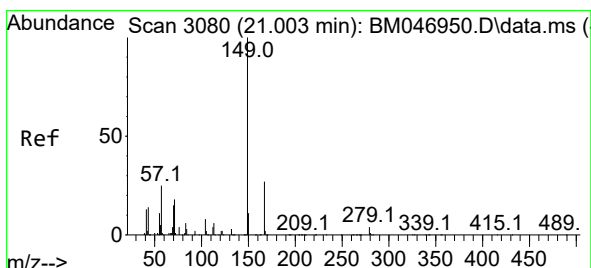
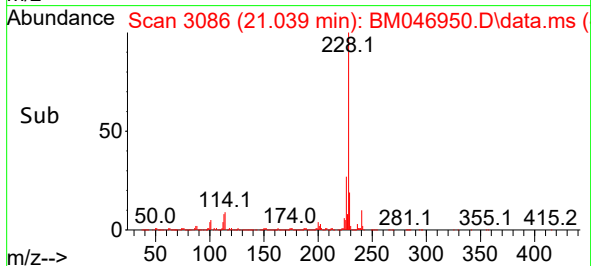
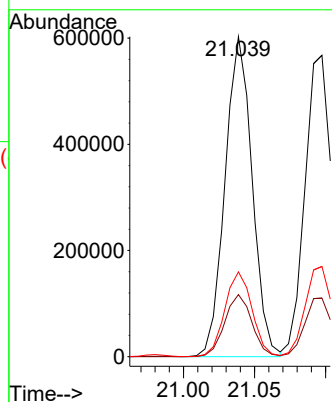
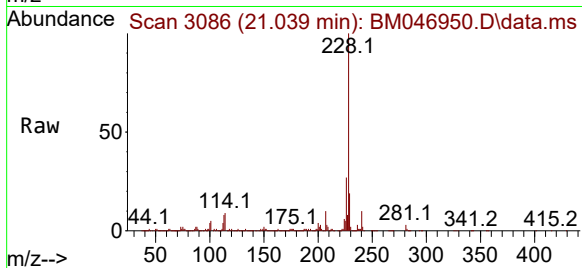
Tgt Ion:228 Resp: 799676

Ion Ratio Lower Upper

228 100

229 19.4 15.5 23.3

226 26.5 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.613 ng/ul

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

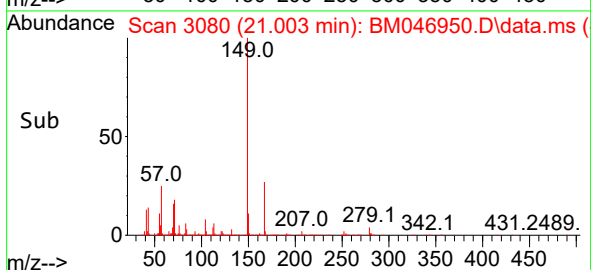
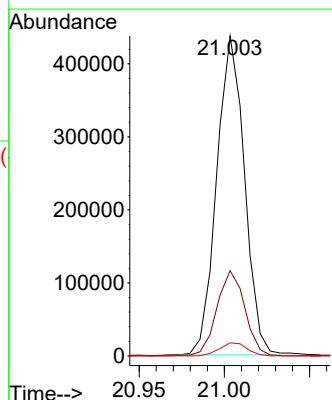
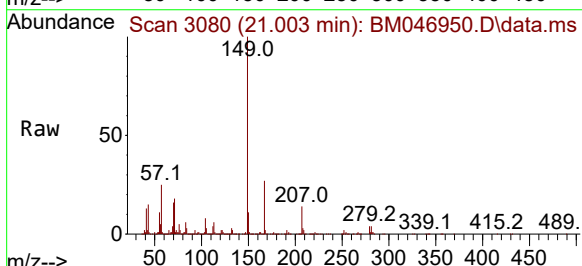
Tgt Ion:149 Resp: 494755

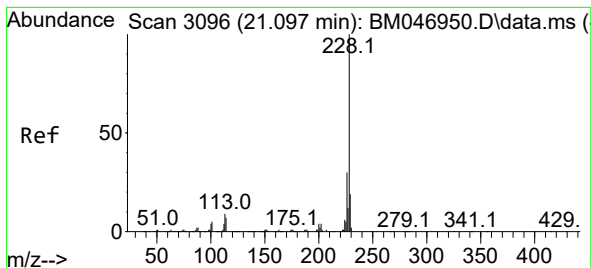
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 4.1 3.3 4.9





#87

Chrysene

Concen: 20.309 ng/ul

RT: 21.097 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

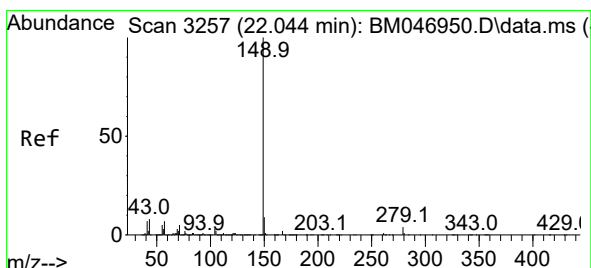
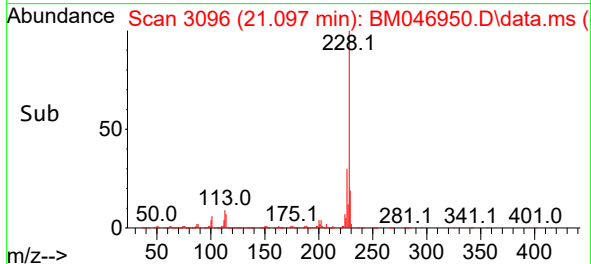
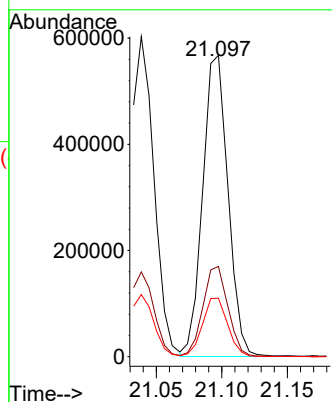
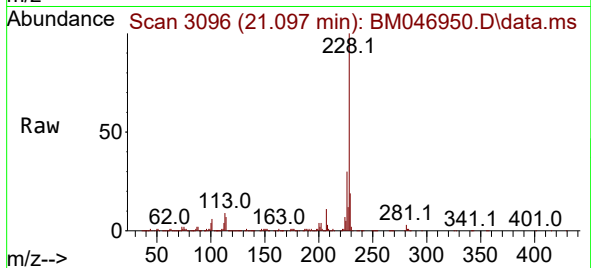
Tgt Ion:228 Resp: 763458

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 20.170 ng/ul

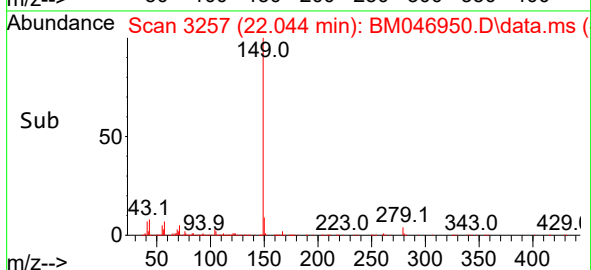
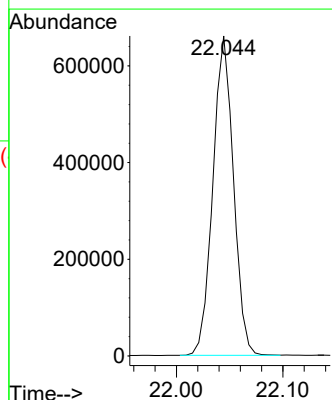
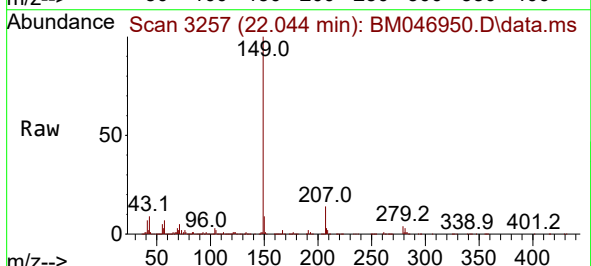
RT: 22.044 min Scan# 3257

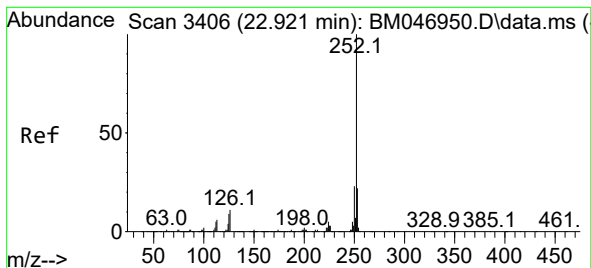
Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Tgt Ion:149 Resp: 885823





#90

Benzo(b)fluoranthene

Concen: 19.782 ng/ul

RT: 22.921 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

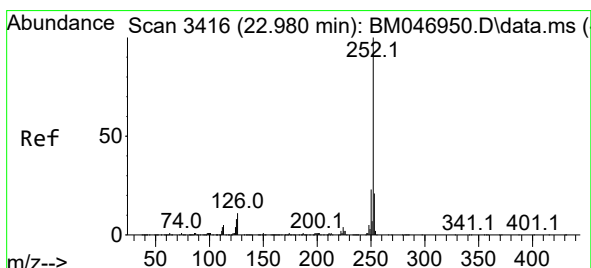
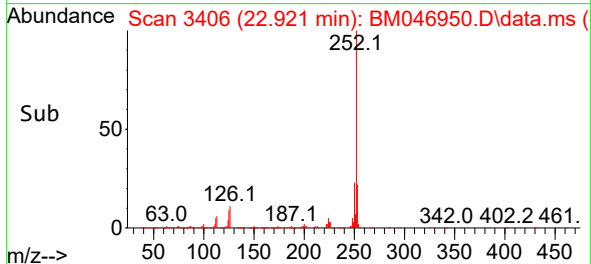
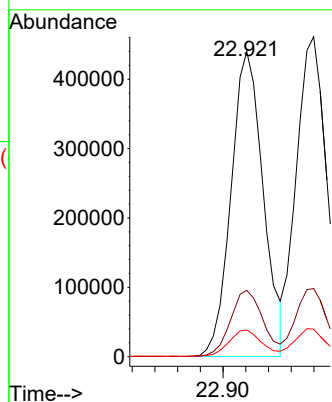
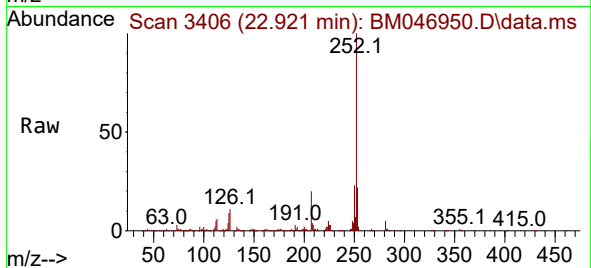
Tgt Ion:252 Resp: 864871

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.8 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 20.030 ng/ul

RT: 22.980 min Scan# 3416

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

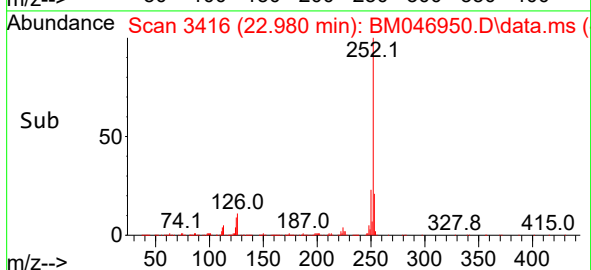
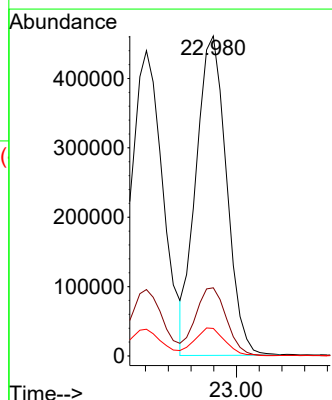
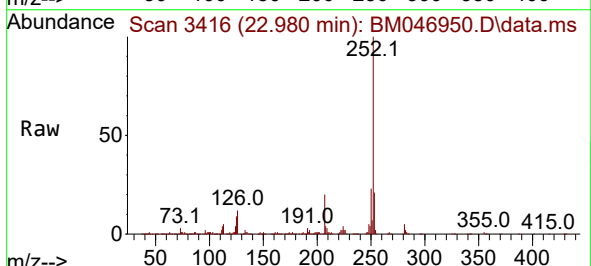
Tgt Ion:252 Resp: 858156

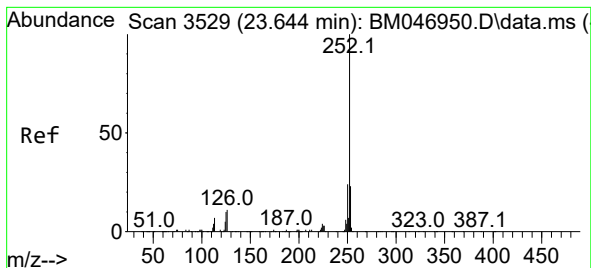
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 8.6 6.9 10.3





#93

Benzo(a)pyrene

Concen: 20.102 ng/ul

RT: 23.644 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

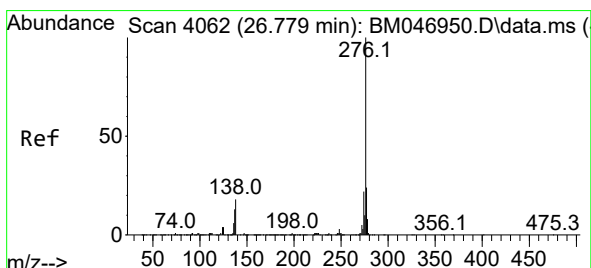
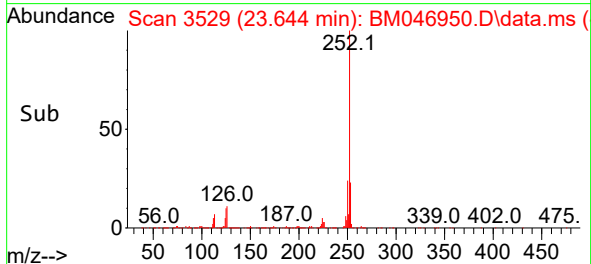
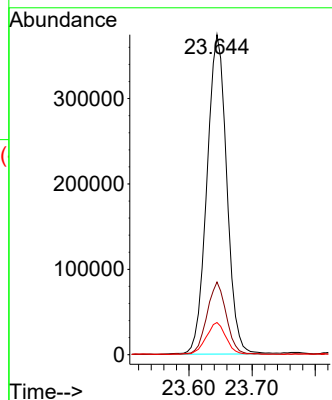
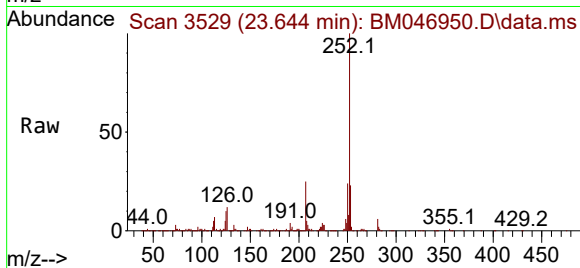
Tgt Ion:252 Resp: 816471

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 10.1 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.635 ng/ul

RT: 26.779 min Scan# 4062

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

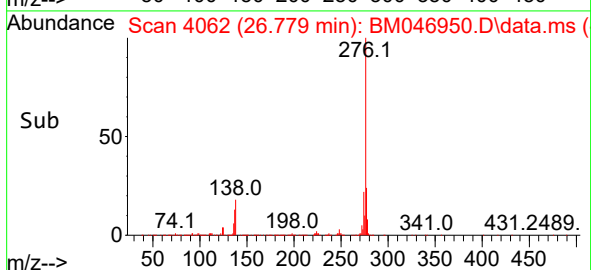
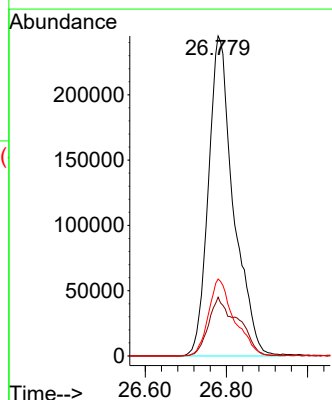
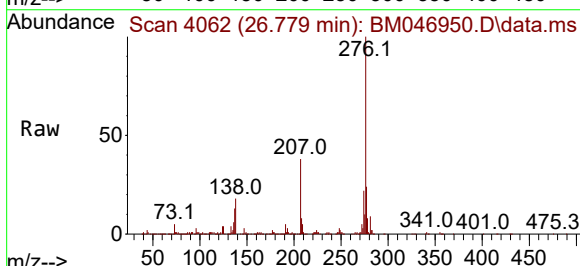
Tgt Ion:276 Resp: 1049442

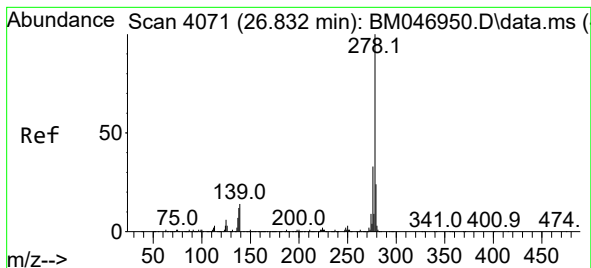
Ion Ratio Lower Upper

276 100

138 18.4 14.7 22.1

277 24.1 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 20.419 ng/ul

RT: 26.832 min Scan# 4071

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD020008

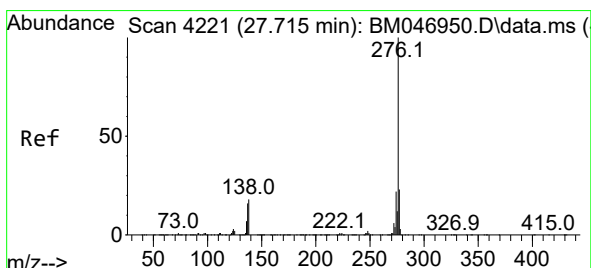
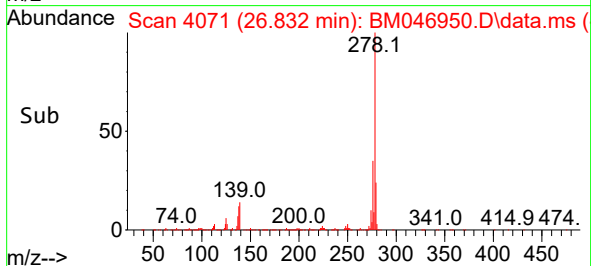
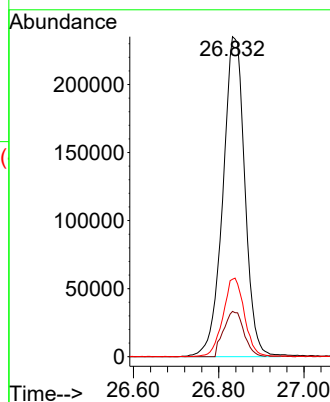
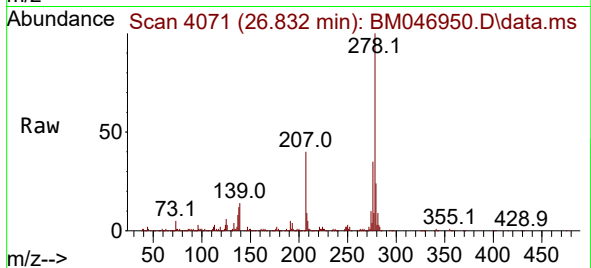
Tgt Ion:278 Resp: 841927

Ion Ratio Lower Upper

278 100

139 14.2 11.4 17.0

279 24.2 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 19.029 ng/ul

RT: 27.715 min Scan# 4221

Delta R.T. 0.000 min

Lab File: BM046950.D

Acq: 02 Aug 2024 15:41

Tgt Ion:276 Resp: 832841

Ion Ratio Lower Upper

276 100

138 18.4 14.7 22.1

277 23.2 18.6 27.8

