

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080324\
 Data File : BM046968.D
 Acq On : 03 Aug 2024 16:49
 Operator : MA/JU
 Sample : PB162235BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS235

Quant Time: Aug 05 00:56:52 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	194136	20.000	ng/u1	0.00
20) Naphthalene-d8	10.157	136	791827	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.057	164	531197	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	1149899	20.000	ng/u1	0.00
79) Chrysene-d12	21.056	240	994548	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	1161670	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	26291	5.365	ng/uL	0.00
4) Pyridine-d5	3.410	84	361027	27.010	ng/u1	0.00
7) Phenol-d5	6.604	99	473617	32.115	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	295336	30.436	ng/u1	0.00
11) 2-Chlorophenol-d4	6.946	132	382491	30.618	ng/u1	0.00
15) 4-Methylphenol-d8	8.122	113	372740	31.905	ng/u1	0.00
21) Nitrobenzene-d5	8.545	128	192335	30.270	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	215960	31.123	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	409033	30.703	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	504826	28.833	ng/u1	0.00
46) Dimethylphthalate-d6	13.486	166	1239780	30.524	ng/u1	0.00
49) Acenaphthylene-d8	13.745	160	1366562	30.142	ng/u1	0.00
54) 4-Nitrophenol-d4	14.298	143	242349	30.860	ng/u1	0.00
60) Fluorene-d10	15.063	176	1018179	29.305	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	222205	30.586	ng/u1	0.00
73) Anthracene-d10	16.915	188	1577108	28.931	ng/u1	0.00
81) Pyrene-d10	19.233	212	1849596	32.487	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.592	264	1871834	30.601	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	52827	9.688	ng/uL	99
5) Pyridine	3.428	79	357559	27.020	ng/u1	93
6) Benzaldehyde	6.563	77	285611	33.717	ng/u1	98
8) Phenol	6.634	94	460857	31.030	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.846	93	379767	30.000	ng/u1	96
12) 2-Chlorophenol	6.975	128	376157	29.722	ng/u1	98
13) 2-Methylphenol	7.857	108	347715	30.734	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	7.928	45	481433	31.737	ng/u1	99
16) Acetophenone	8.216	105	547891	29.796	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.210	70	296251	30.552	ng/u1	96
18) 4-Methylphenol	8.187	108	379902	31.078	ng/u1	97
19) Hexachloroethane	8.457	117	171866	27.878	ng/u1	93
22) Nitrobenzene	8.587	77	465895	27.444	ng/u1	96
23) Isophorone	9.116	82	858447	29.554	ng/u1	98
25) 2-Nitrophenol	9.287	139	224073	29.520	ng/u1	96
26) 2,4-Dimethylphenol	9.369	107	346425	23.154	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.598	93	520132	29.047	ng/u1	99
29) 2,4-Dichlorophenol	9.822	162	385061	28.980	ng/u1	98
30) Naphthalene	10.210	128	1164179	27.769	ng/u1	100
32) 4-Chloroaniline	10.328	127	435334	25.604	ng/u1	100
33) Hexachlorobutadiene	10.498	225	242211	25.267	ng/u1	99
35) 4-Chloro-3-methylphenol	11.475	107	414751	30.271	ng/u1	98
36) 2-Methylnaphthalene	11.833	142	837807	28.620	ng/u1	100
37) 1-Methylnaphthalene	12.057	142	844654	28.503	ng/u1	99

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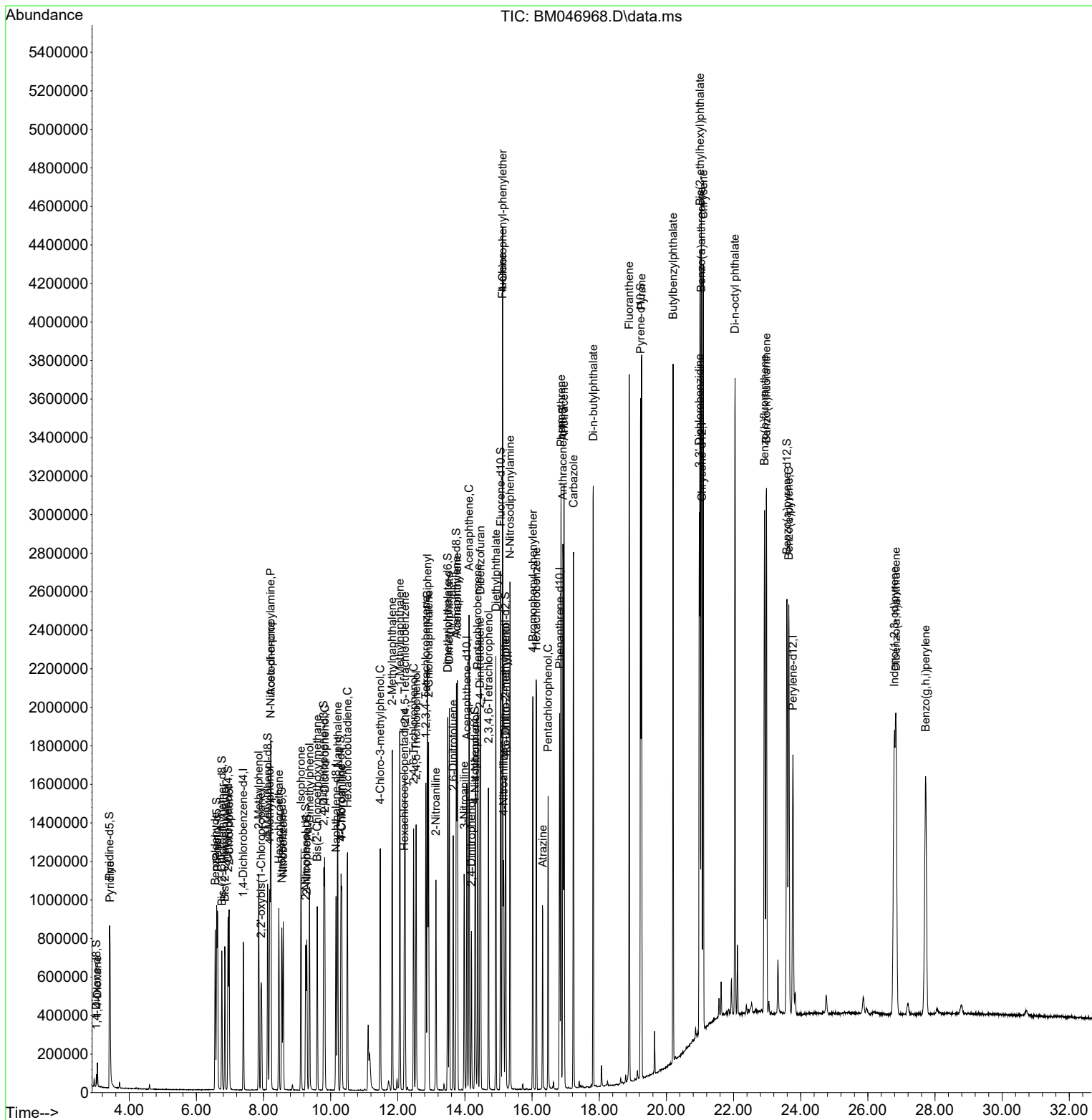
Instrument :
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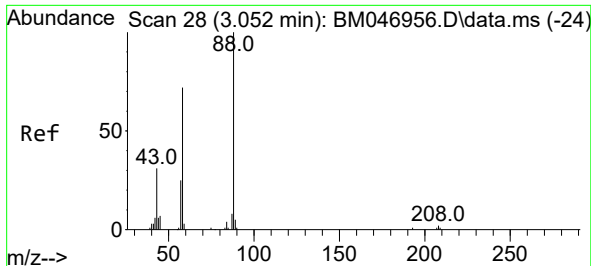
Quant Time: Aug 05 00:56:52 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.216	216	461516	27.703	ng/ul	96
40) Hexachlorocyclopentadiene	12.192	237	226531	20.642	ng/ul	97
41) 2,4,6-Trichlorophenol	12.469	196	303881	27.868	ng/ul	95
42) 2,4,5-Trichlorophenol	12.545	196	334798	28.437	ng/ul	99
43) 1,1'-Biphenyl	12.880	154	1122975	28.258	ng/ul	98
44) 2-Chloronaphthalene	12.916	162	895156	28.365	ng/ul	98
45) 2-Nitroaniline	13.133	65	289964	30.235	ng/ul	100
47) Dimethylphthalate	13.533	163	1191754	29.241	ng/ul	99
48) 2,6-Dinitrotoluene	13.651	165	247604	31.252	ng/ul	87
50) Acenaphthylene	13.775	152	1414583	29.544	ng/ul	100
51) 3-Nitroaniline	13.975	138	256722	31.817	ng/ul	99
52) Acenaphthene	14.122	153	946568	27.422	ng/ul	99
53) 2,4-Dinitrophenol	14.192	184	153770	27.507	ng/ul	95
55) 4-Nitrophenol	14.316	109	205282	25.828	ng/ul	88
56) Dibenzofuran	14.463	168	1351308	27.893	ng/ul	96
57) 2,4-Dinitrotoluene	14.445	165	367690	30.369	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.698	232	276312	26.400	ng/ul#	94
59) Diethylphthalate	14.922	149	1254120	28.605	ng/ul	99
61) Fluorene	15.116	166	1123945	28.128	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.121	204	529018	26.893	ng/ul	98
63) 4-Nitroaniline	15.151	138	275346	34.531	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.216	198	234713	29.526	ng/ul	97
67) N-Nitrosodiphenylamine	15.345	169	989199	29.023	ng/ul	98
68) 4-Bromophenyl-phenylether	16.021	248	358794	28.827	ng/ul	94
69) Hexachlorobenzene	16.127	284	422007	28.795	ng/ul	98
70) Atrazine	16.316	200	164328	12.288	ng/ul	98
71) Pentachlorophenol	16.474	266	244911	24.683	ng/ul	98
72) Phenanthrene	16.863	178	1836422	28.490	ng/ul	100
74) Anthracene	16.951	178	1796002	27.629	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.833	216	457212	27.635	ng/uL	98
76) Pentachlorobenzene	14.380	250	463850	27.085	ng/uL	99
77) Carbazole	17.233	167	1745787	28.969	ng/ul	99
78) Di-n-butylphthalate	17.821	149	2244512	29.289	ng/ul	99
80) Fluoranthene	18.892	202	2170439	31.899	ng/ul	100
82) Pyrene	19.262	202	2229859	30.757	ng/ul	99
83) Butylbenzylphthalate	20.198	149	1040273	32.829	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.980	252	737496	30.249	ng/ul	99
85) Benzo(a)anthracene	21.039	228	2174100	29.931	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	1491855	32.250	ng/ul	100
87) Chrysene	21.098	228	2011347	29.034	ng/ul	100
89) Di-n-octyl phthalate	22.045	149	2612557	31.879	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	2219331	30.885	ng/ul	100
91) Benzo(k)fluoranthene	22.980	252	2138283	30.112	ng/ul	99
93) Benzo(a)pyrene	23.644	252	1882961	28.127	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.791	276	2478257	28.894	ng/ul	100
95) Dibenzo(a,h)anthracene	26.838	278	1995506	28.965	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	1972597	29.108	ng/ul	99

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

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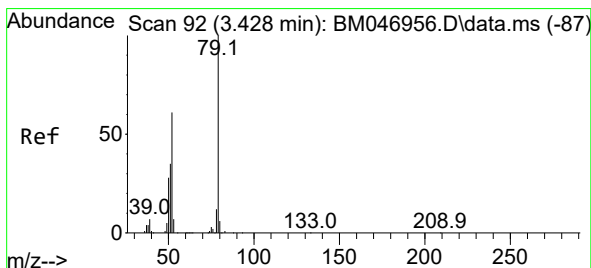
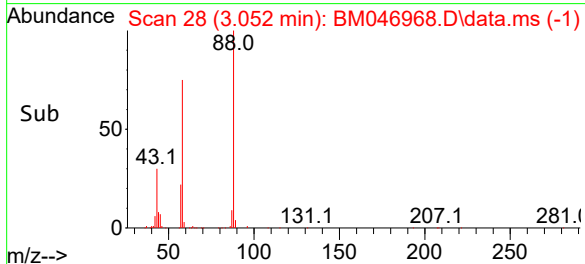
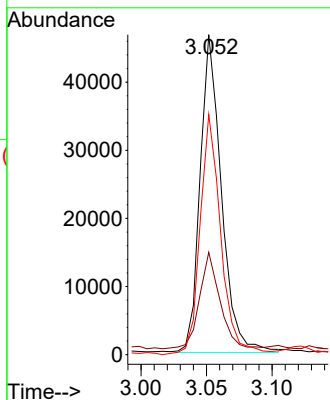
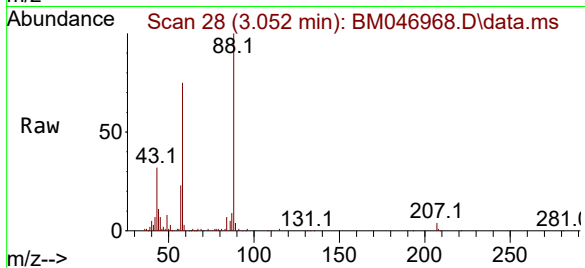




#2
1,4-Dioxane
Concen: 9.688 ng/uL
RT: 3.052 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046968.D
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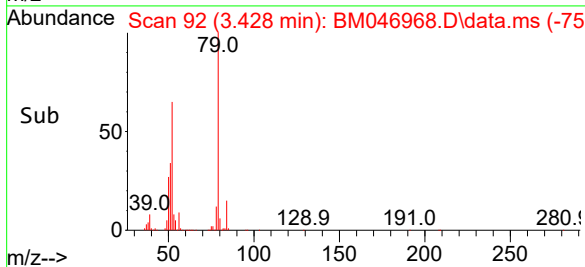
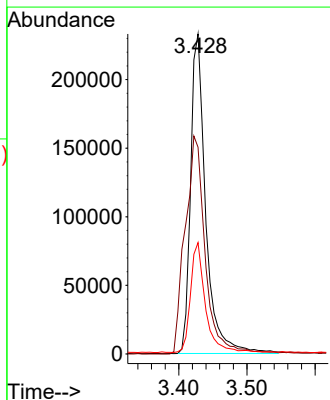
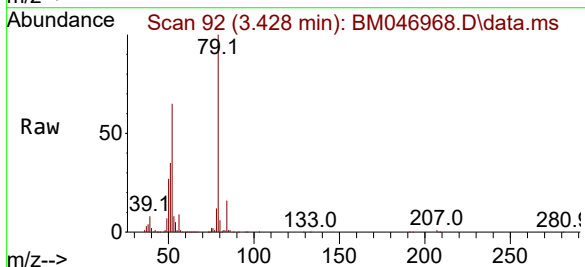
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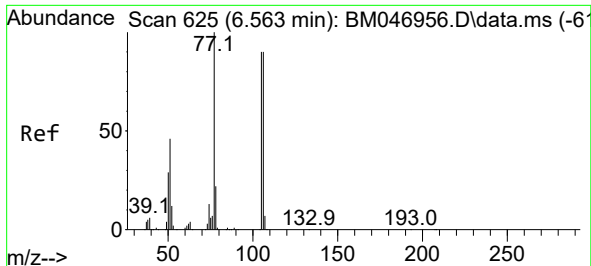
Tgt Ion: 88 Resp: 52827
Ion Ratio Lower Upper
88 100
43 32.0 24.9 37.3
58 75.0 59.7 89.5



#5
Pyridine
Concen: 27.020 ng/uL
RT: 3.428 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion: 79 Resp: 357559
Ion Ratio Lower Upper
79 100
52 64.6 58.1 87.1
51 34.8 29.3 43.9

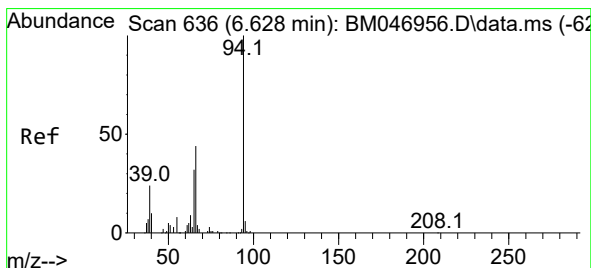
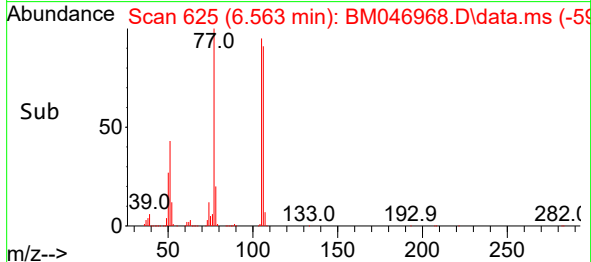
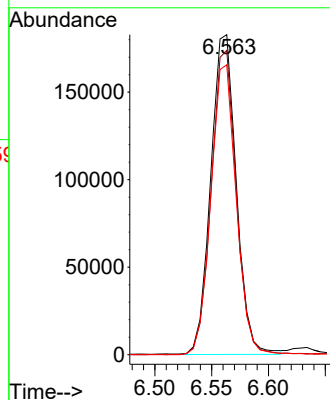
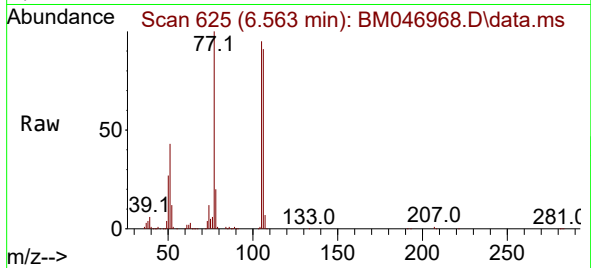




#6
Benzaldehyde
Concen: 33.717 ng/ul
RT: 6.563 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

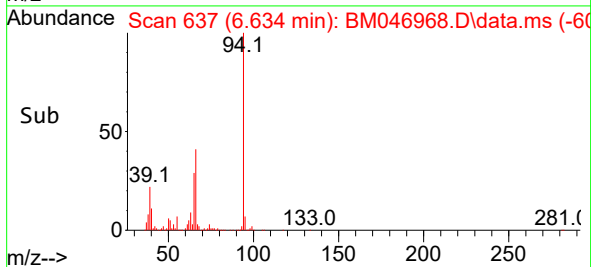
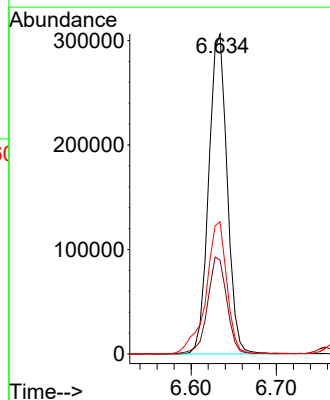
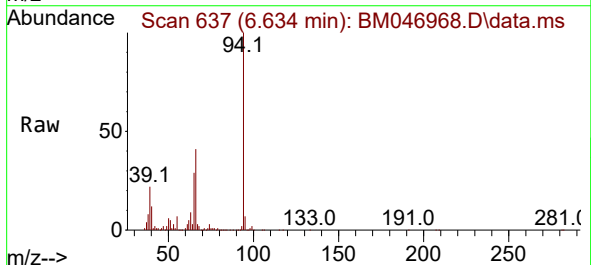
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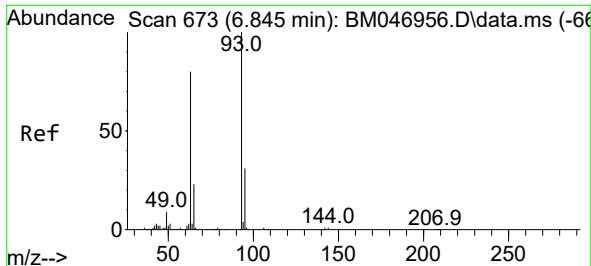
Tgt Ion: 77 Resp: 285611
Ion Ratio Lower Upper
77 100
105 95.1 74.7 112.1
106 90.6 74.2 111.2



#8
Phenol
Concen: 31.030 ng/ul
RT: 6.634 min Scan# 637
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion: 94 Resp: 460857
Ion Ratio Lower Upper
94 100
65 29.3 25.1 37.7
66 41.4 37.7 56.5

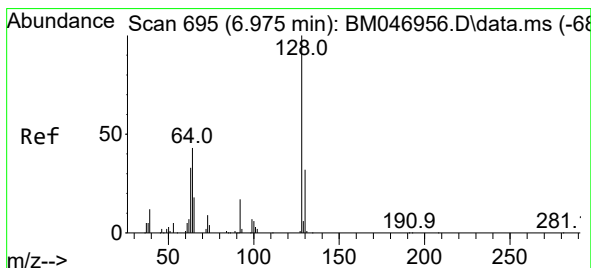
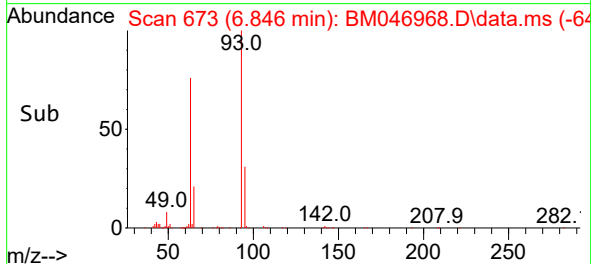
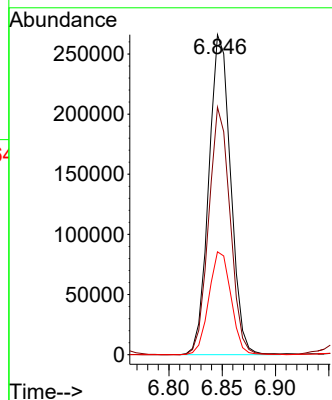
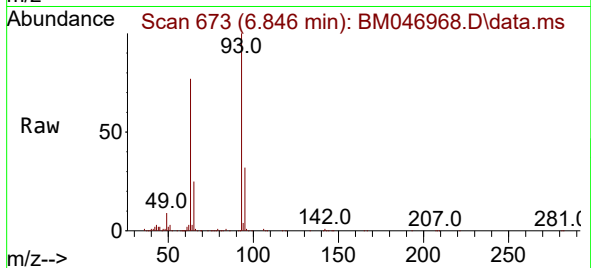




#10
Bis(2-Chloroethyl)ether
Concen: 30.000 ng/ul
RT: 6.846 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

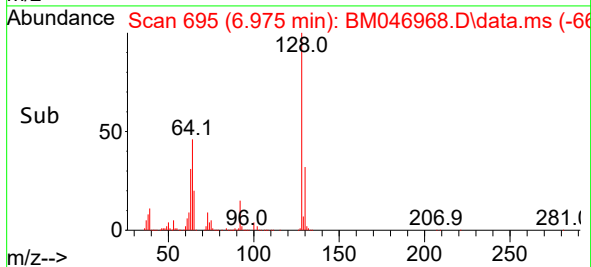
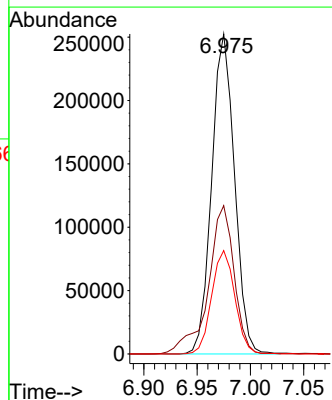
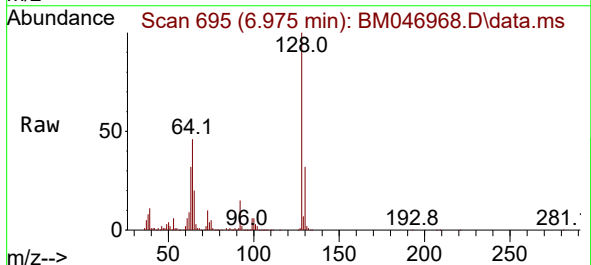
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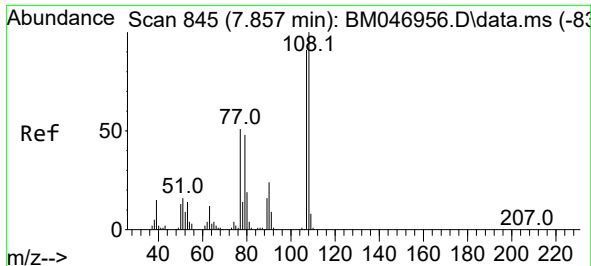
Tgt Ion: 93 Resp: 379767
Ion Ratio Lower Upper
93 100
63 77.4 59.0 88.6
95 32.2 24.0 36.0



#12
2-Chlorophenol
Concen: 29.722 ng/ul
RT: 6.975 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:128 Resp: 376157
Ion Ratio Lower Upper
128 100
64 46.4 37.0 55.4
130 32.3 24.1 36.1

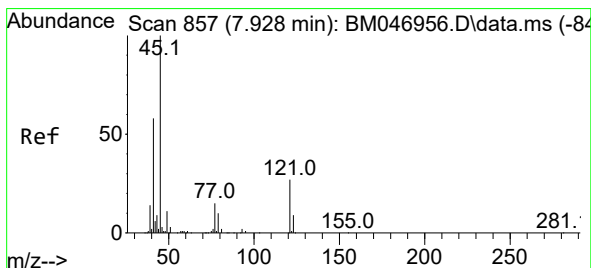
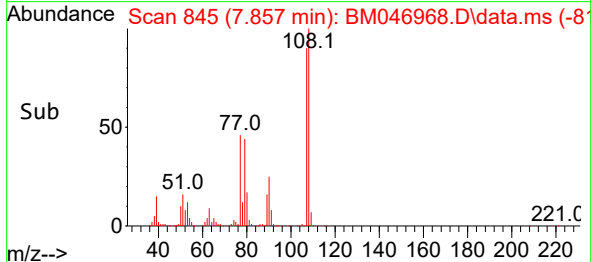
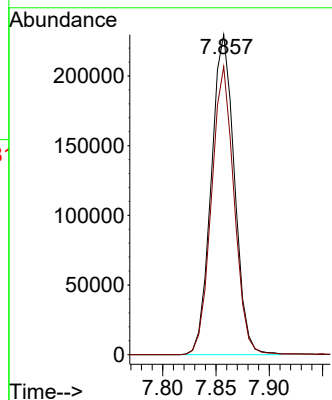
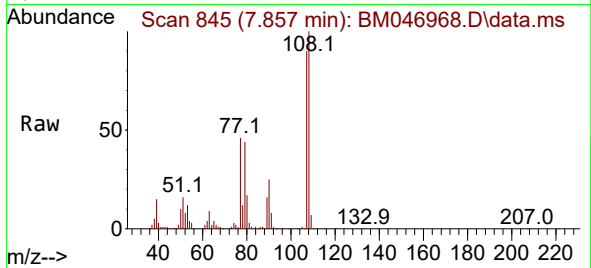




#13
2-Methylphenol
Concen: 30.734 ng/ul
RT: 7.857 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

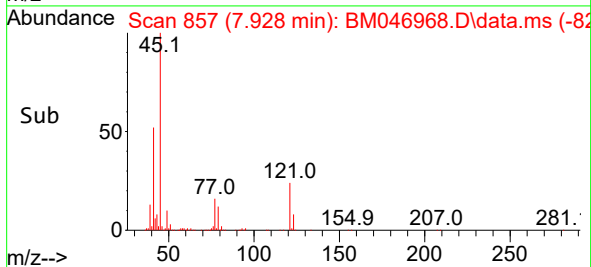
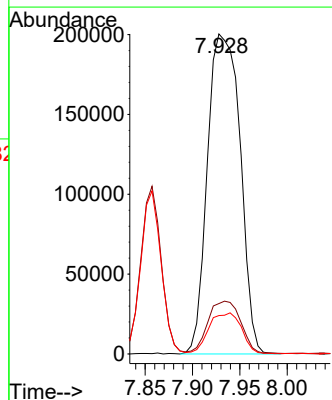
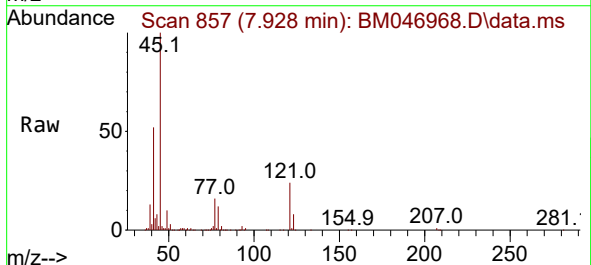
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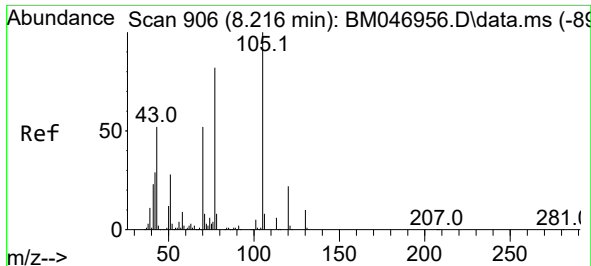
Tgt Ion:108 Resp: 347715
Ion Ratio Lower Upper
108 100
107 90.1 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.737 ng/ul
RT: 7.928 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion: 45 Resp: 481433
Ion Ratio Lower Upper
45 100
77 15.8 13.2 19.8
79 12.0 9.8 14.6

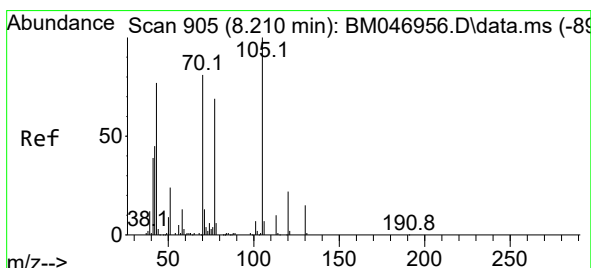
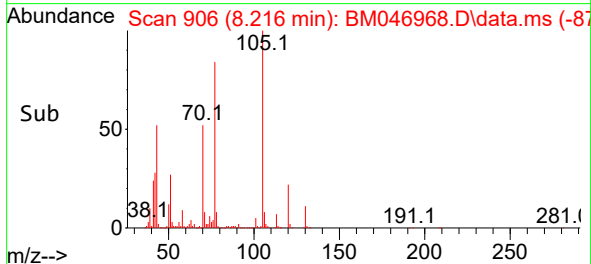
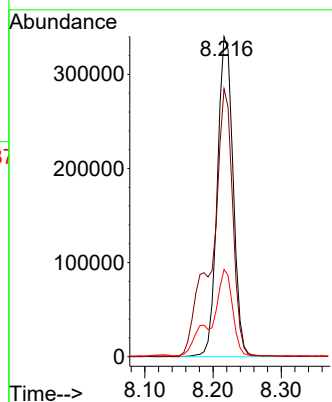
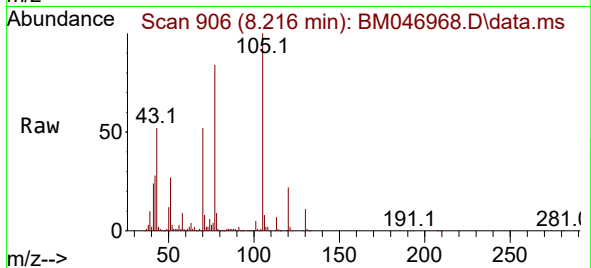




#16
Acetophenone
Concen: 29.796 ng/ul
RT: 8.216 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

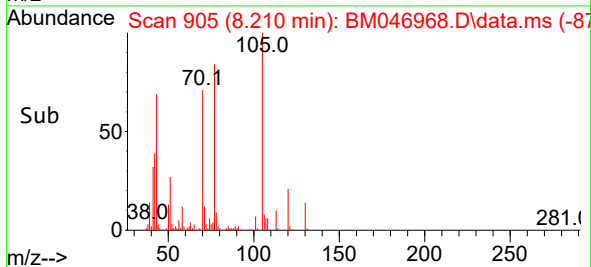
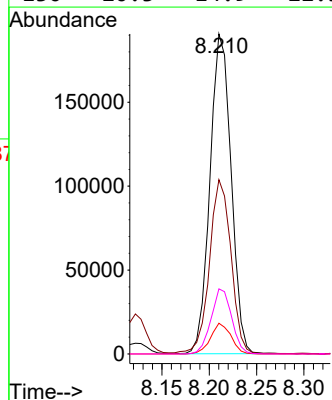
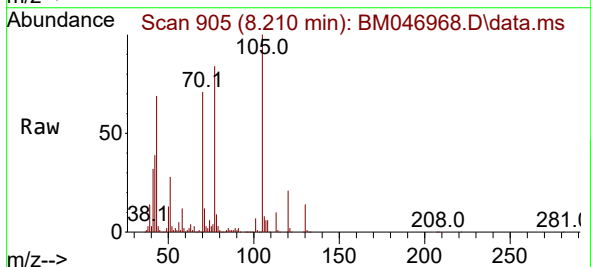
Instrument :
BNA_M
ClientSampleId :
SLCS235

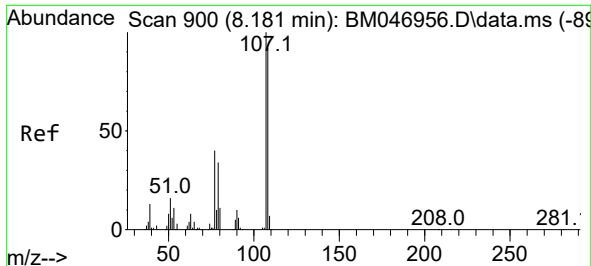
Tgt Ion:105 Resp: 547891
Ion Ratio Lower Upper
105 100
77 83.7 66.1 99.1
51 27.3 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 30.552 ng/ul
RT: 8.210 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion: 70 Resp: 296251
Ion Ratio Lower Upper
70 100
42 54.4 45.8 68.8
101 9.6 6.9 10.3
130 20.3 14.9 22.3

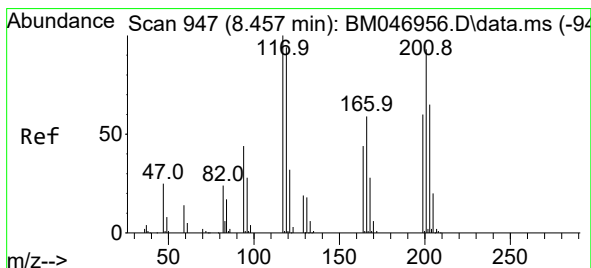
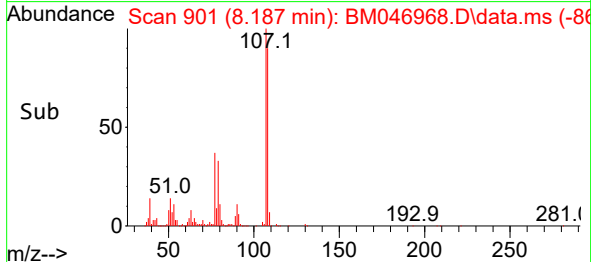
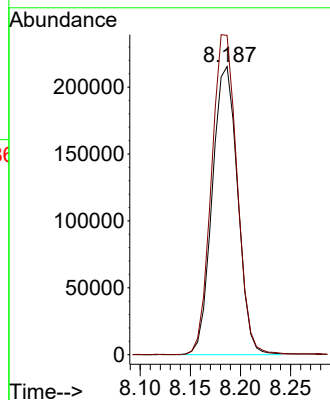
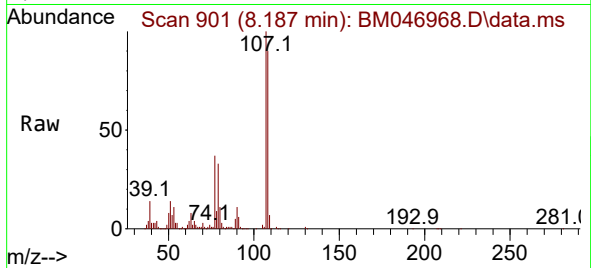




#18
4-Methylphenol
Concen: 31.078 ng/ul
RT: 8.187 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

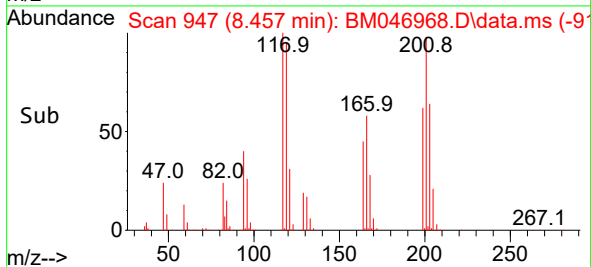
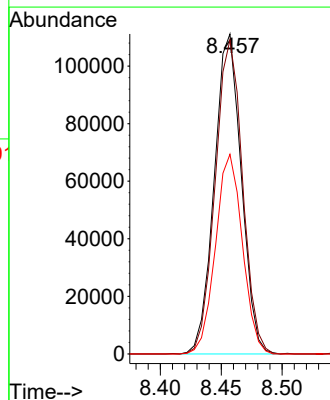
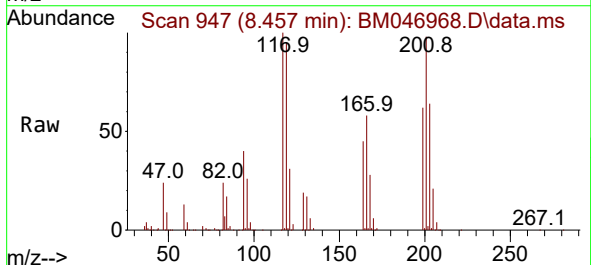
Instrument :
BNA_M
ClientSampleId :
SLCS235

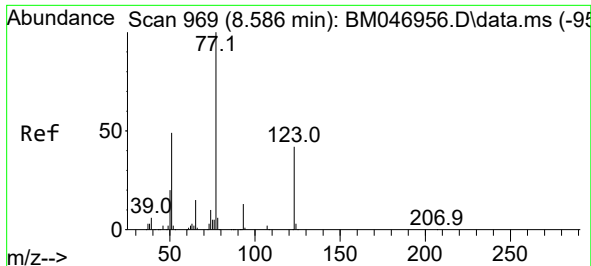
Tgt Ion:108 Resp: 379902
Ion Ratio Lower Upper
108 100
107 110.8 86.4 129.6



#19
Hexachloroethane
Concen: 27.878 ng/ul
RT: 8.457 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:117 Resp: 171866
Ion Ratio Lower Upper
117 100
201 98.1 72.7 109.1
199 62.4 46.9 70.3

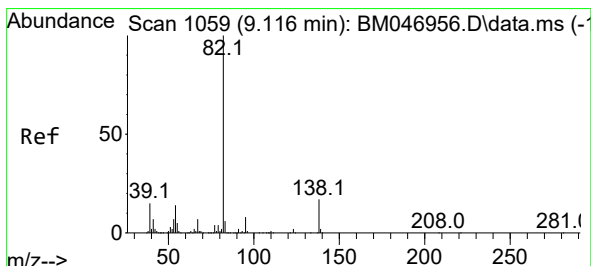
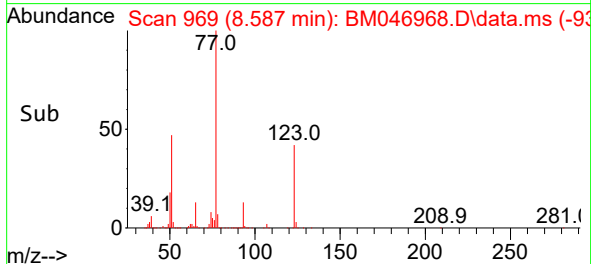
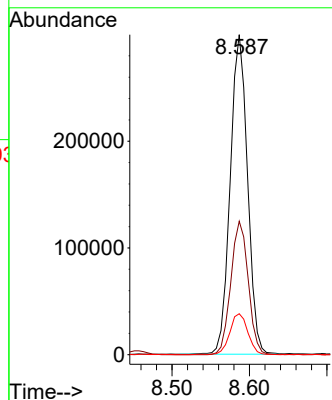
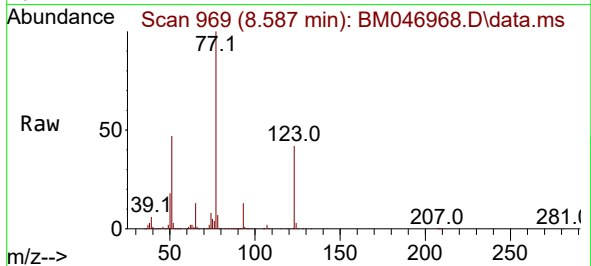




#22
Nitrobenzene
Concen: 27.444 ng/ul
RT: 8.587 min Scan# 969
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

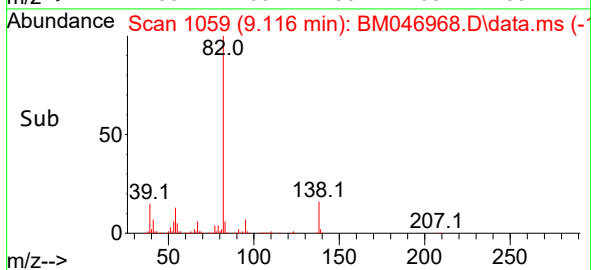
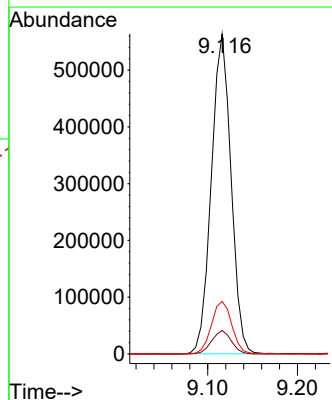
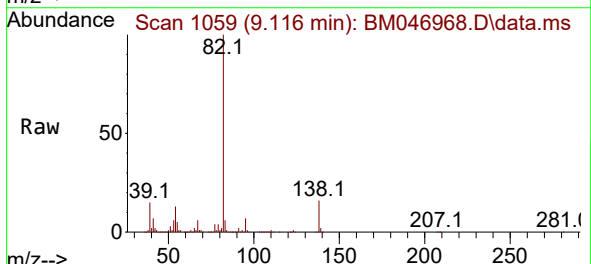
Instrument :
BNA_M
ClientSampleId :
SLCS235

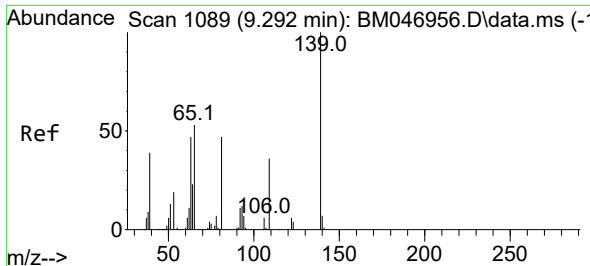
Tgt Ion: 77 Resp: 465895
Ion Ratio Lower Upper
77 100
123 41.7 31.4 47.2
65 12.8 12.1 18.1



#23
Isophorone
Concen: 29.554 ng/ul
RT: 9.116 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion: 82 Resp: 858447
Ion Ratio Lower Upper
82 100
95 7.3 6.4 9.6
138 16.4 13.6 20.4

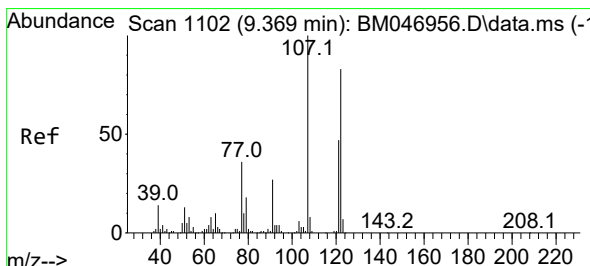
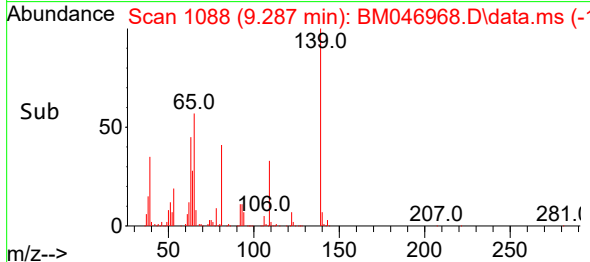
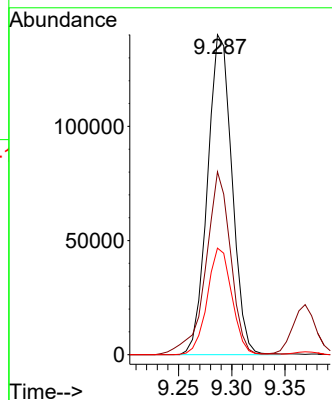
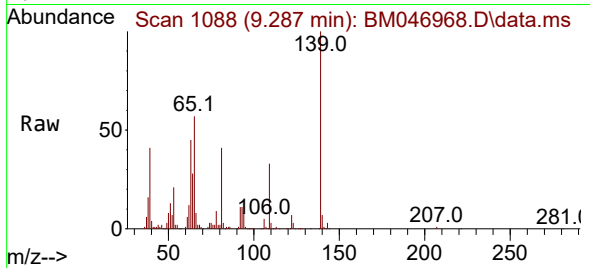




#25
2-Nitrophenol
Concen: 29.520 ng/ul
RT: 9.287 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

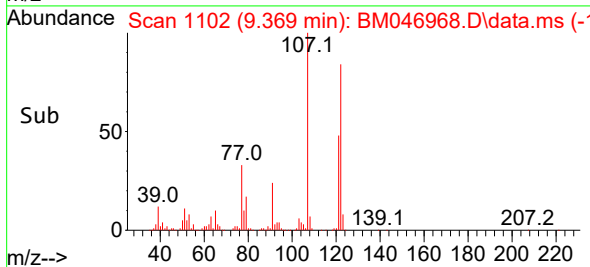
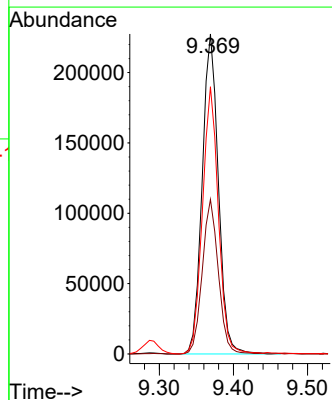
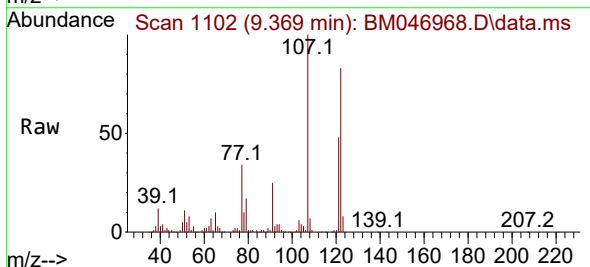
Instrument :
BNA_M
ClientSampleId :
SLCS235

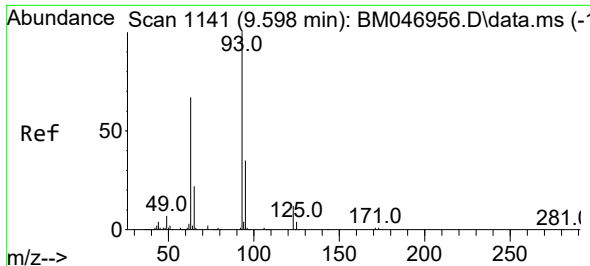
Tgt Ion:139 Resp: 224073
Ion Ratio Lower Upper
139 100
65 57.2 45.1 67.7
109 33.3 30.9 46.3



#26
2,4-Dimethylphenol
Concen: 23.154 ng/ul
RT: 9.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:107 Resp: 346425
Ion Ratio Lower Upper
107 100
121 48.3 37.3 55.9
122 83.5 65.8 98.6

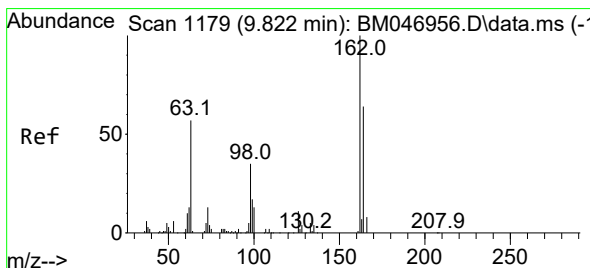
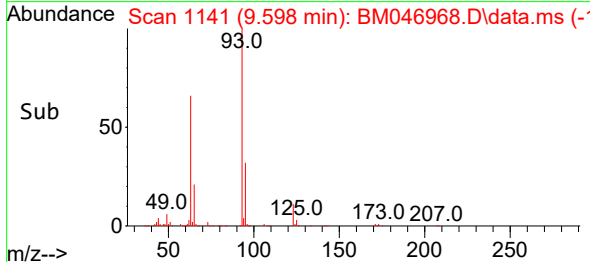
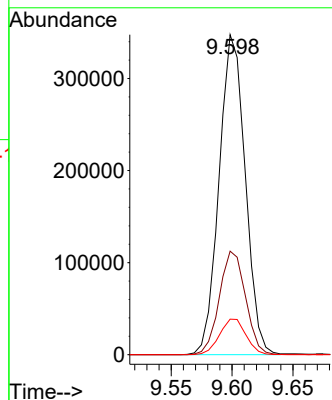
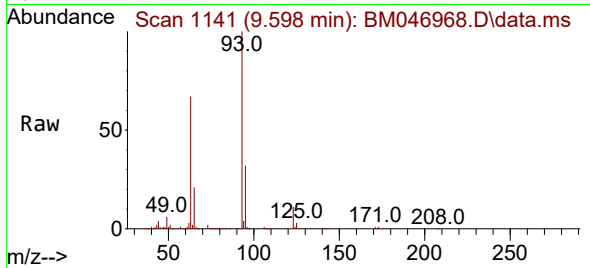




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.047 ng/ul
 RT: 9.598 min Scan# 1141
 Delta R.T. -0.006 min
 Lab File: BM046968.D
 Acq: 03 Aug 2024 16:49

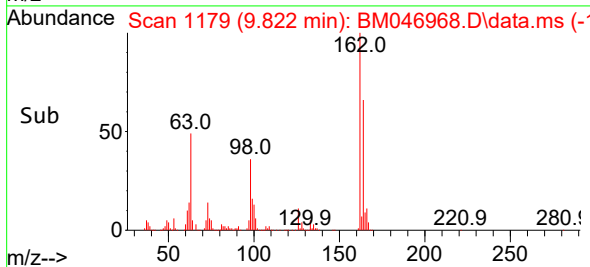
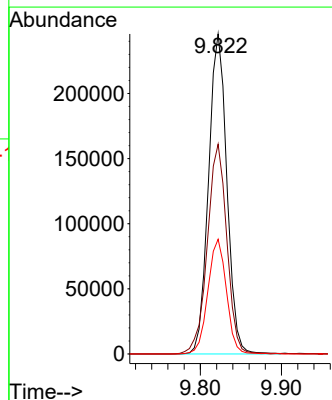
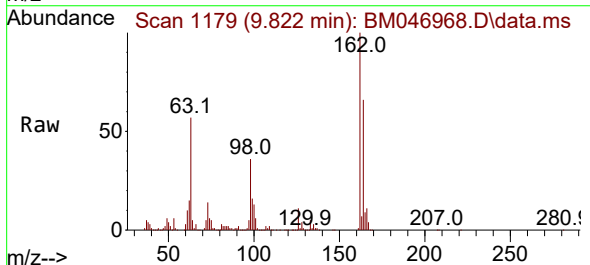
Instrument :
 BNA_M
 ClientSampleId :
 SLCS235

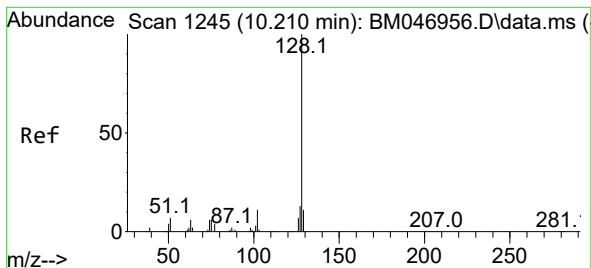
Tgt Ion: 93 Resp: 520132
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.1 39.1
 123 11.1 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 28.980 ng/ul
 RT: 9.822 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BM046968.D
 Acq: 03 Aug 2024 16:49

Tgt Ion: 162 Resp: 385061
 Ion Ratio Lower Upper
 162 100
 164 65.6 53.3 79.9
 98 35.8 29.6 44.4

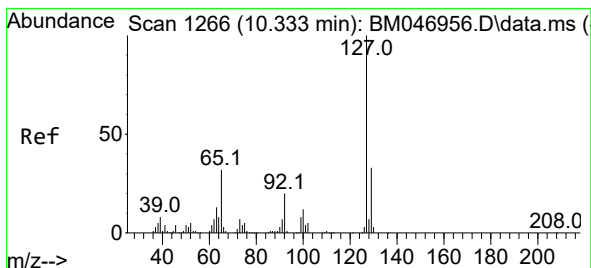
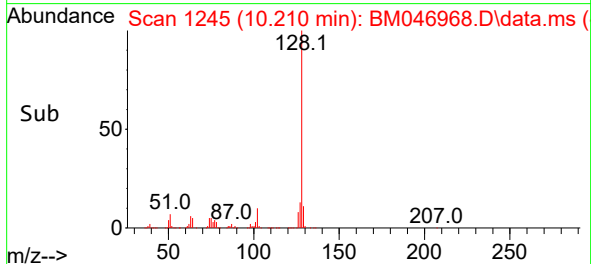
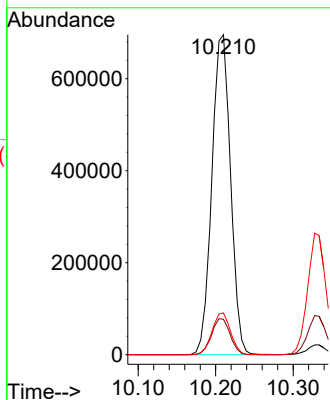
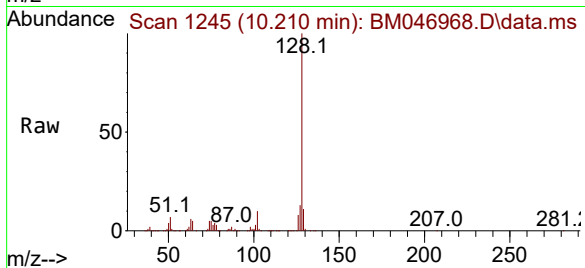




#30
Naphthalene
Concen: 27.769 ng/ul
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

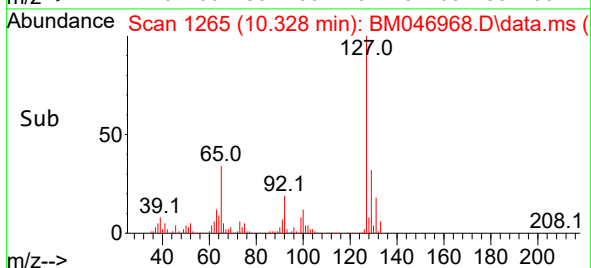
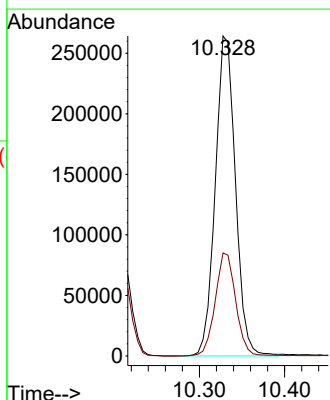
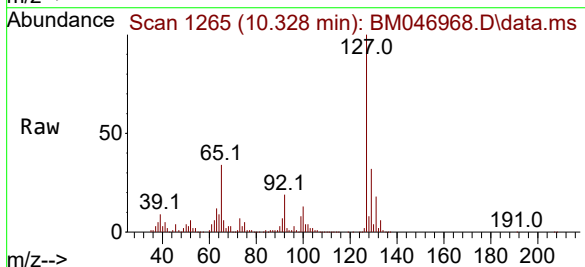
Instrument :
BNA_M
ClientSampleId :
SLCS235

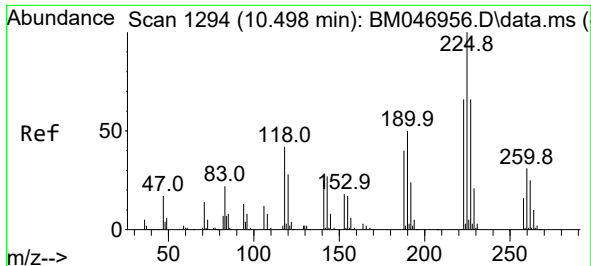
Tgt Ion:128 Resp: 1164179
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 25.604 ng/ul
RT: 10.328 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:127 Resp: 435334
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4

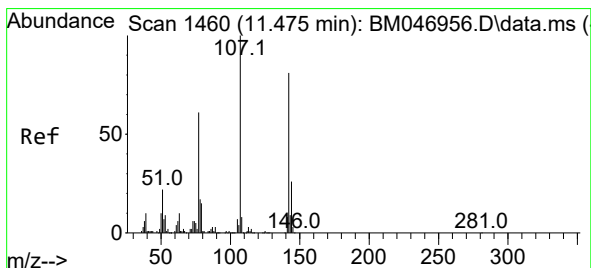
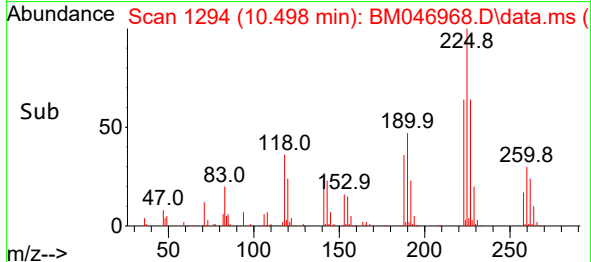
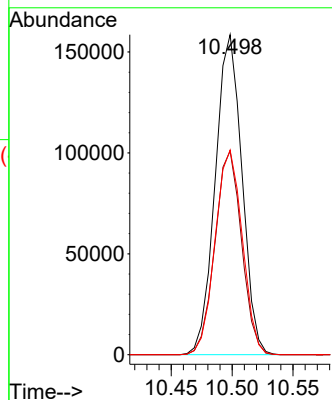
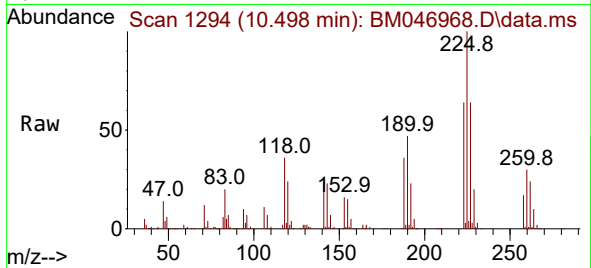




#33
Hexachlorobutadiene
Concen: 25.267 ng/ul
RT: 10.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

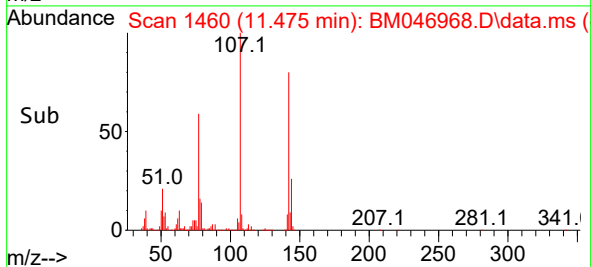
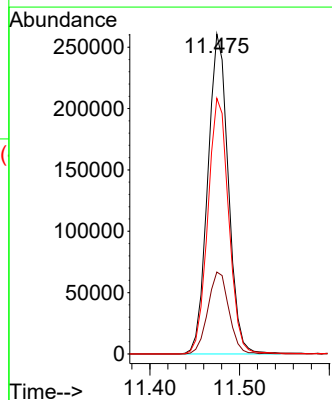
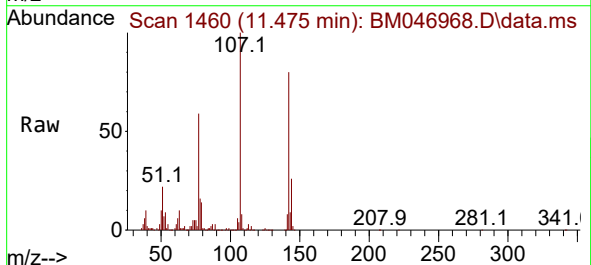
Instrument :
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ClientSampleId :
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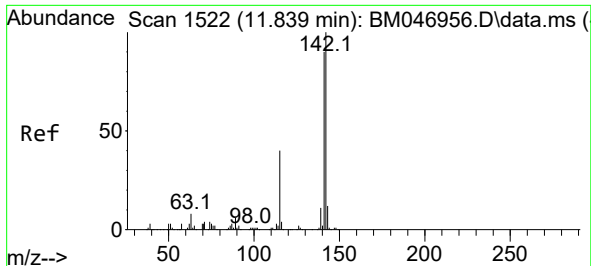
Tgt Ion:225 Resp: 242211
Ion Ratio Lower Upper
225 100
223 63.7 51.0 76.6
227 63.9 52.3 78.5



#35
4-Chloro-3-methylphenol
Concen: 30.271 ng/ul
RT: 11.475 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:107 Resp: 414751
Ion Ratio Lower Upper
107 100
144 25.6 21.1 31.7
142 79.9 65.3 97.9

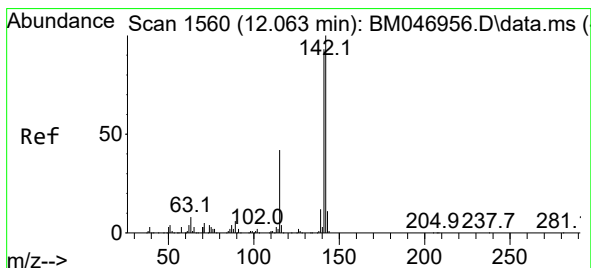
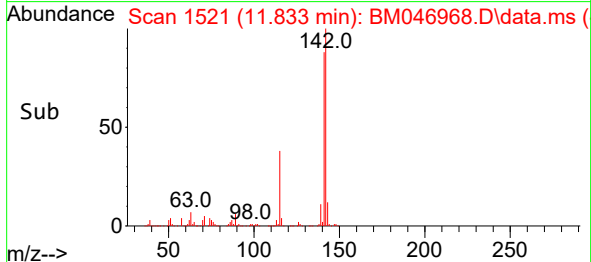
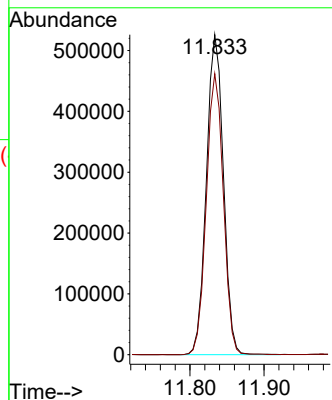
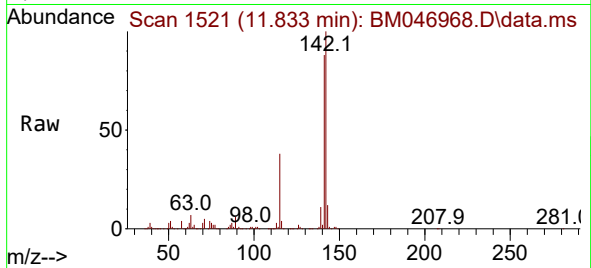




#36
2-Methylnaphthalene
Concen: 28.620 ng/ul
RT: 11.833 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

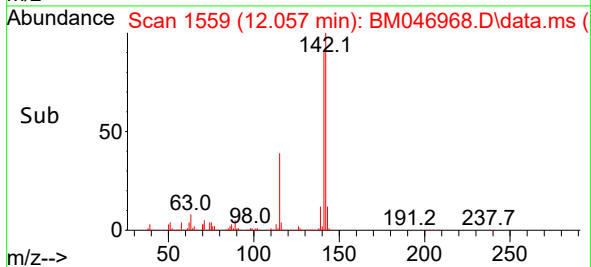
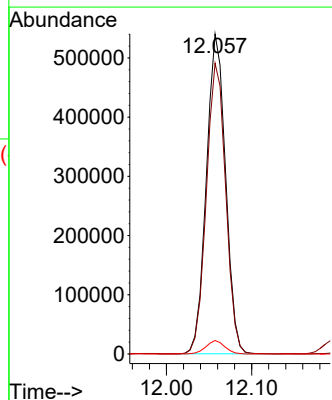
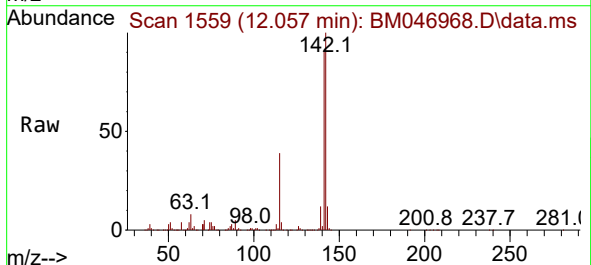
Instrument :
BNA_M
ClientSampleId :
SLCS235

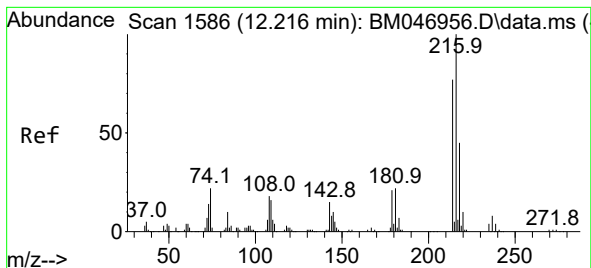
Tgt Ion:142 Resp: 837807
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9



#37
1-Methylnaphthalene
Concen: 28.503 ng/ul
RT: 12.057 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:142 Resp: 844654
Ion Ratio Lower Upper
142 100
141 90.8 72.0 108.0
116 4.2 3.6 5.4

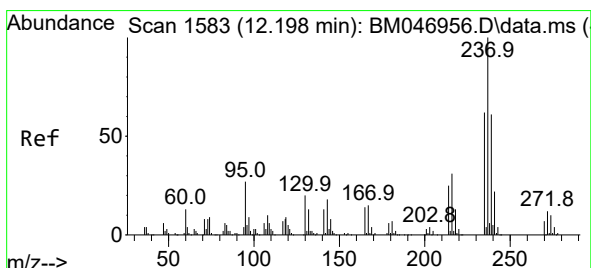
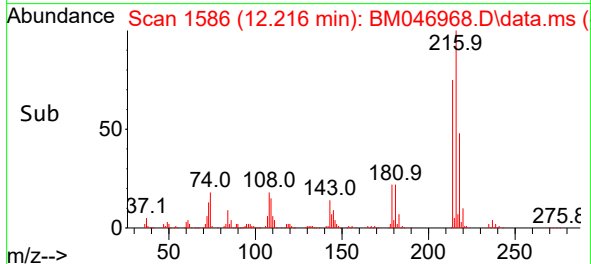
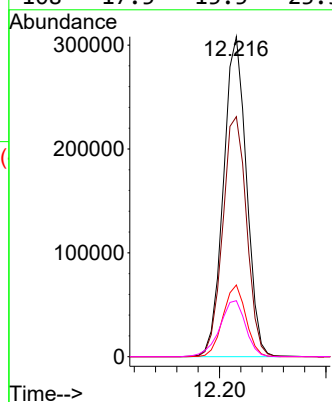
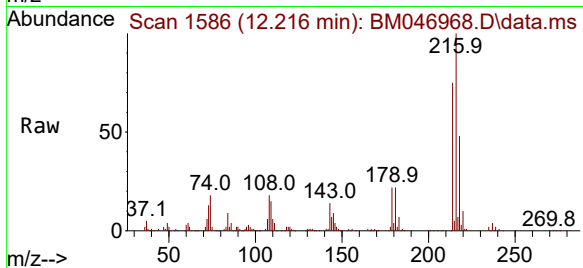




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.703 ng/ul
 RT: 12.216 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BM046968.D
 Acq: 03 Aug 2024 16:49

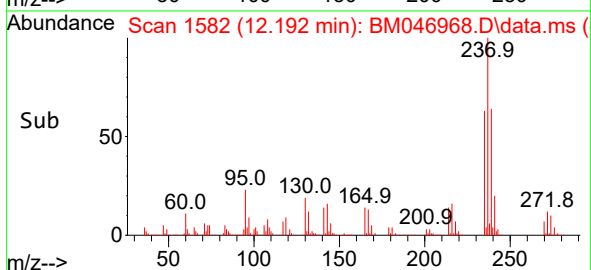
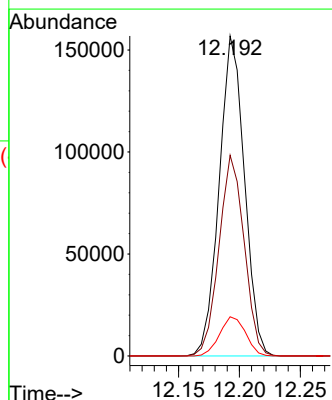
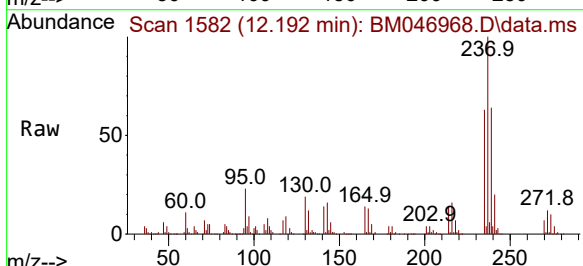
Instrument :
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 ClientSampleId :
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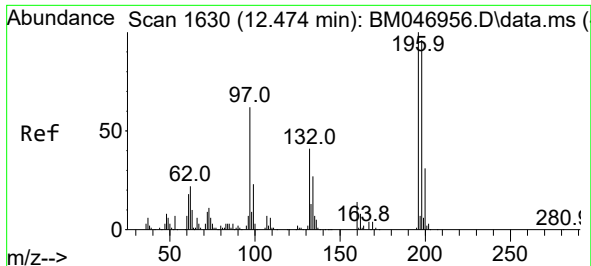
Tgt Ion:	216	Resp:	461516
Ion Ratio	Lower	Upper	
216	100		
214	75.0	63.7	95.5
179	22.4	17.3	25.9
108	17.5	15.5	23.3



#40
 Hexachlorocyclopentadiene
 Concen: 20.642 ng/ul
 RT: 12.192 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BM046968.D
 Acq: 03 Aug 2024 16:49

Tgt Ion:	237	Resp:	226531
Ion Ratio	Lower	Upper	
237	100		
235	62.7	48.4	72.6
272	12.3	8.8	13.2

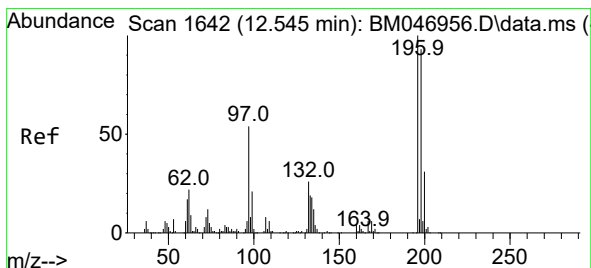
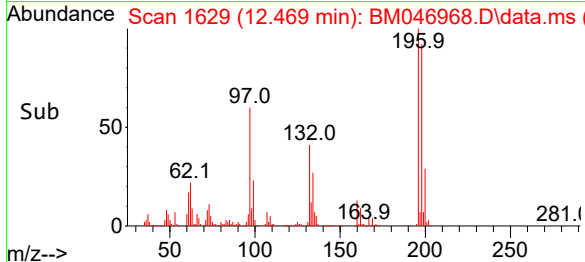
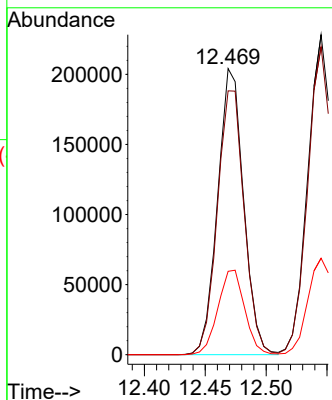
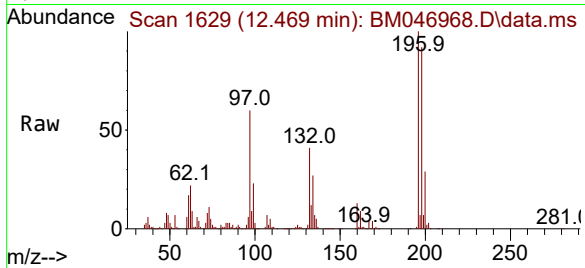




#41
2,4,6-Trichlorophenol
Concen: 27.868 ng/ul
RT: 12.469 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

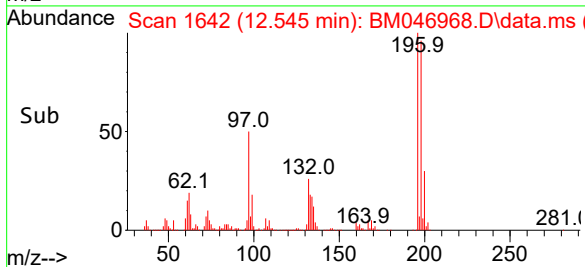
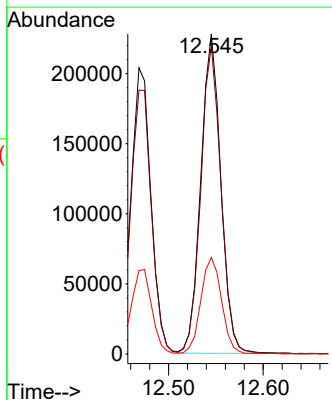
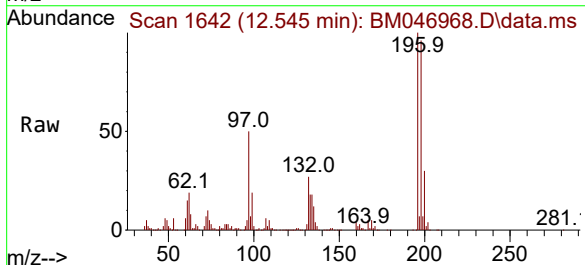
Instrument :
BNA_M
ClientSampleId :
SLCS235

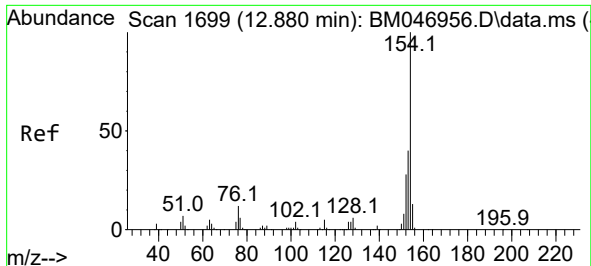
Tgt Ion:196 Resp: 303881
Ion Ratio Lower Upper
196 100
198 92.3 78.7 118.1
200 29.1 23.9 35.9



#42
2,4,5-Trichlorophenol
Concen: 28.437 ng/ul
RT: 12.545 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:196 Resp: 334798
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.2
200 30.2 25.0 37.6





#43

1,1'-Biphenyl

Concen: 28.258 ng/ul

RT: 12.880 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

Instrument :

BNA_M

ClientSampleId :

SLCS235

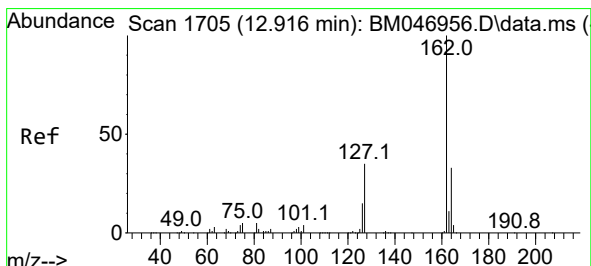
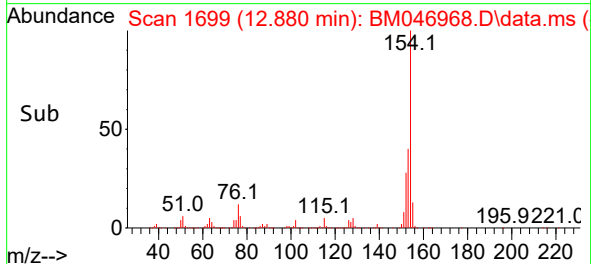
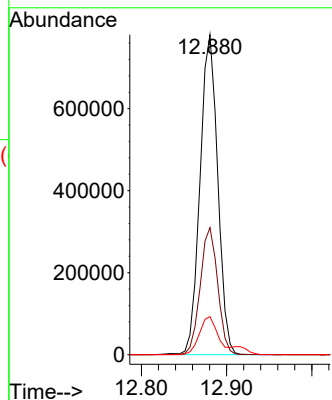
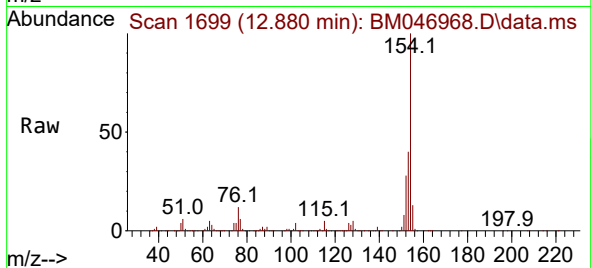
Tgt Ion:154 Resp: 1122975

Ion Ratio Lower Upper

154 100

153 39.7 30.7 46.1

76 11.9 9.3 13.9



#44

2-Chloronaphthalene

Concen: 28.365 ng/ul

RT: 12.916 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

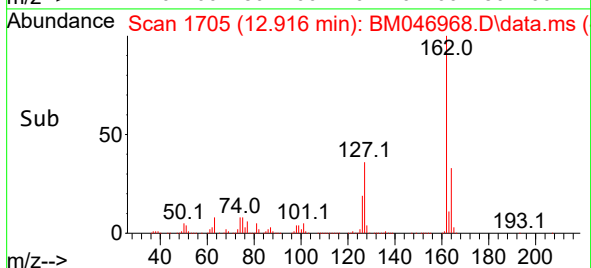
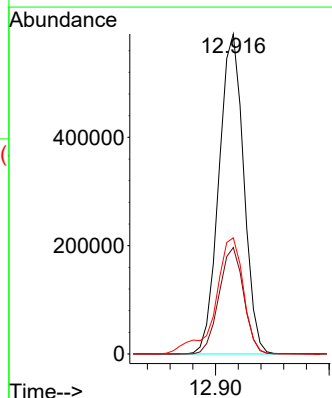
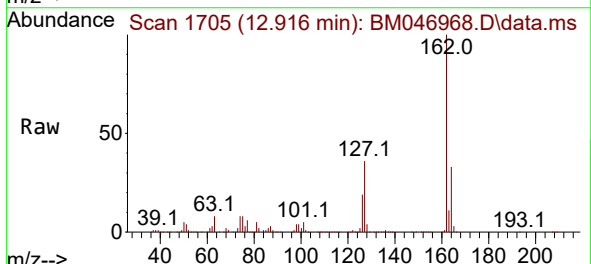
Tgt Ion:162 Resp: 895156

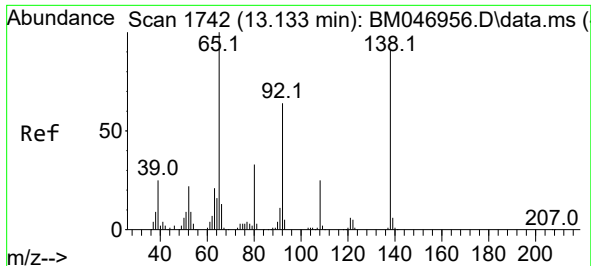
Ion Ratio Lower Upper

162 100

164 33.3 26.5 39.7

127 36.3 30.6 45.8

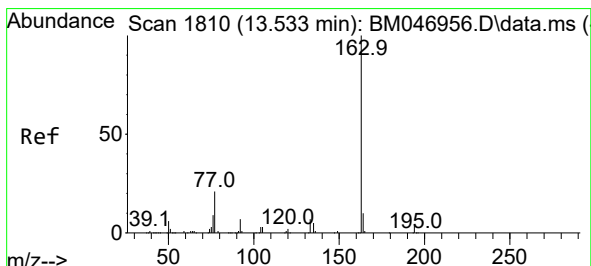
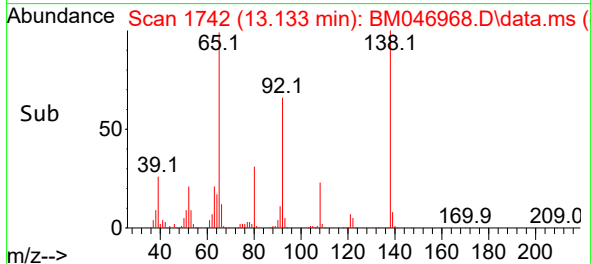
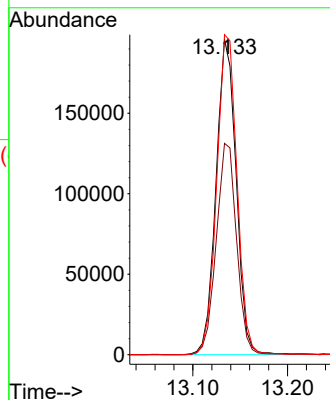
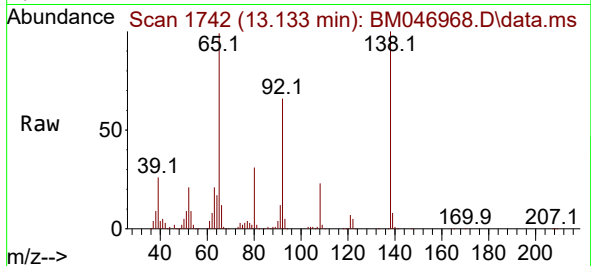




#45
2-Nitroaniline
Concen: 30.235 ng/ul
RT: 13.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

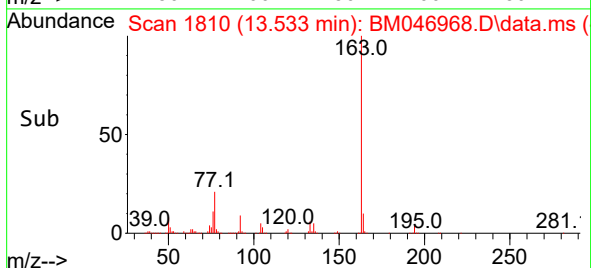
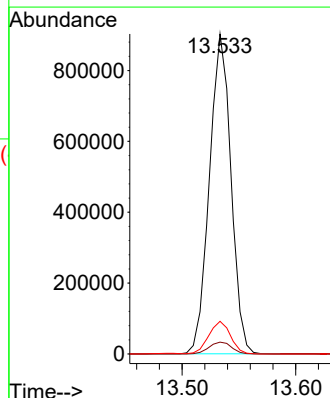
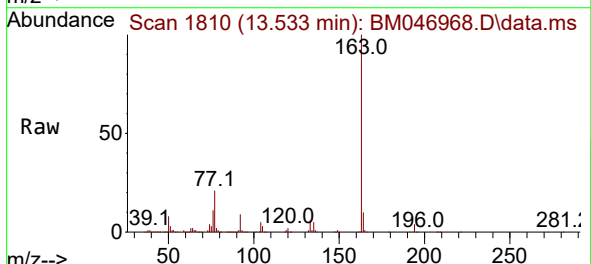
Instrument :
BNA_M
ClientSampleId :
SLCS235

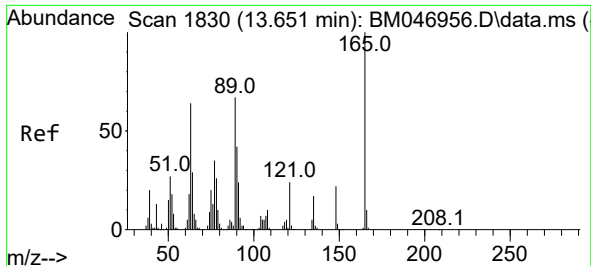
Tgt Ion: 65 Resp: 289964
Ion Ratio Lower Upper
65 100
92 67.1 54.0 81.0
138 101.5 81.0 121.4



#47
Dimethylphthalate
Concen: 29.241 ng/ul
RT: 13.533 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:163 Resp: 1191754
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.2 8.1 12.1

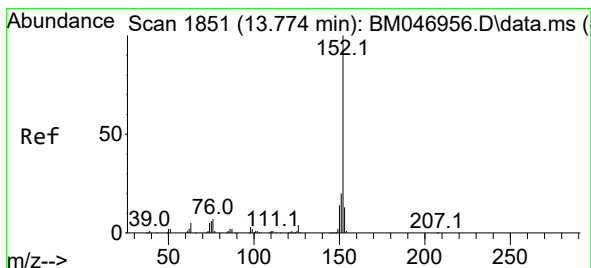
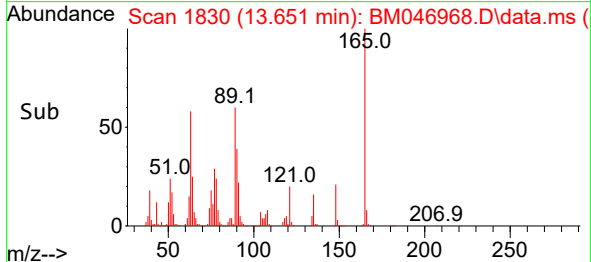
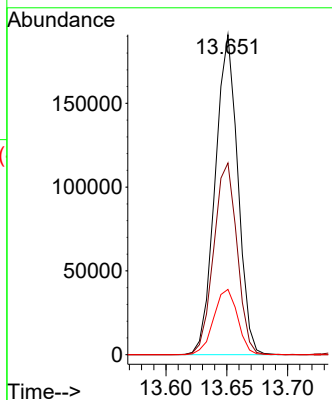
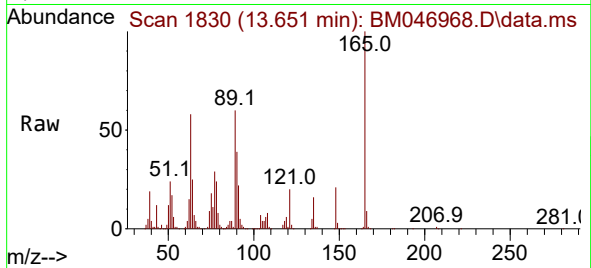




#48
2,6-Dinitrotoluene
Concen: 31.252 ng/ul
RT: 13.651 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

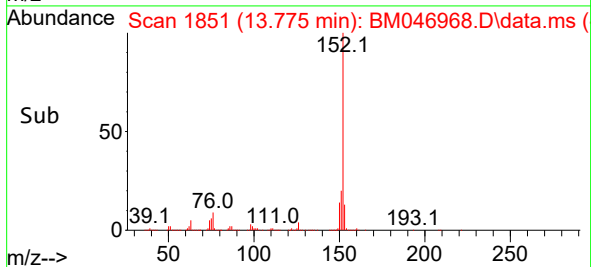
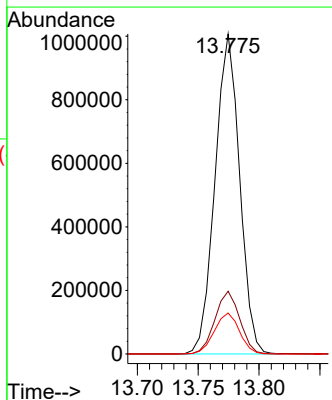
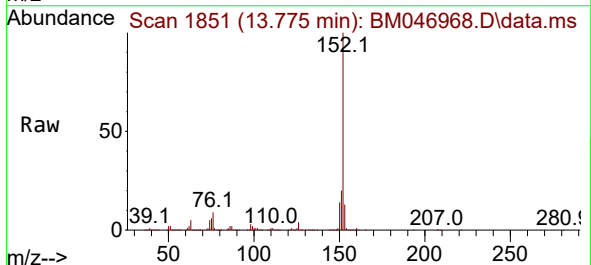
Instrument :
BNA_M
ClientSampleId :
SLCS235

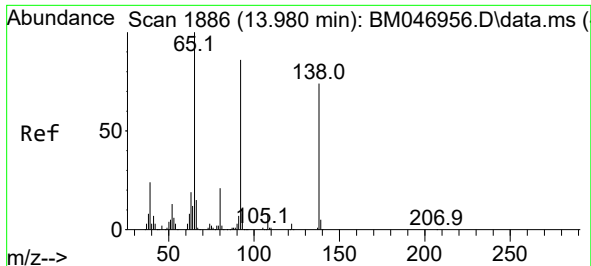
Tgt Ion:165 Resp: 247604
Ion Ratio Lower Upper
165 100
89 59.9 57.8 86.8
121 20.4 19.4 29.0



#50
Acenaphthylene
Concen: 29.544 ng/ul
RT: 13.775 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:152 Resp: 1414583
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.8 10.1 15.1

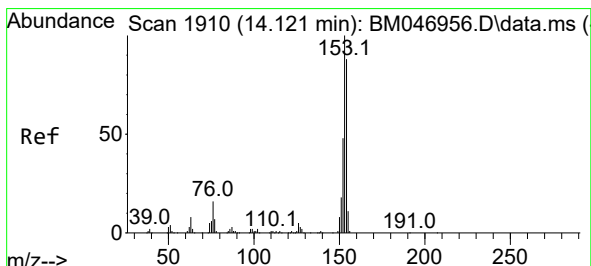
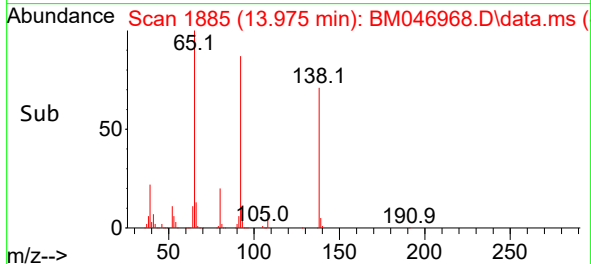
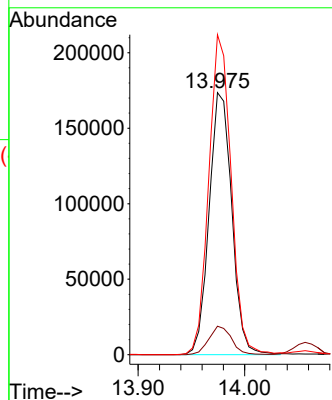
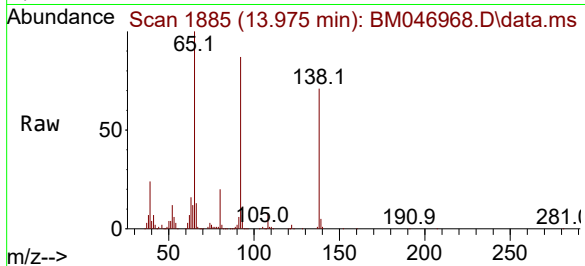




#51
3-Nitroaniline
Concen: 31.817 ng/ul
RT: 13.975 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

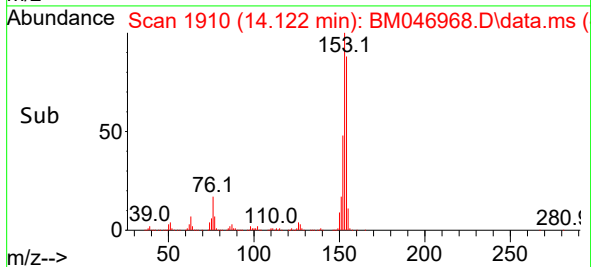
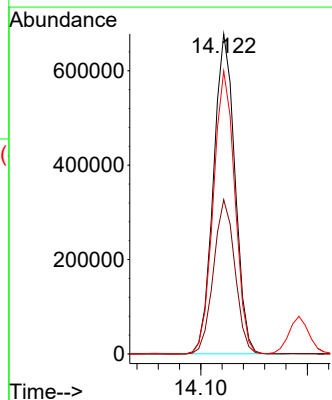
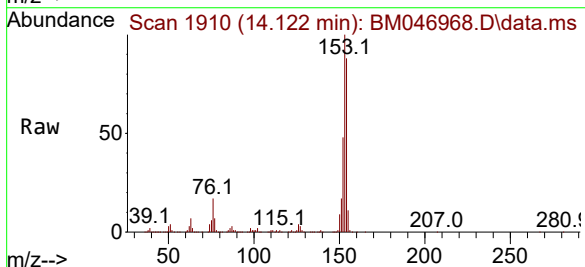
Instrument :
BNA_M
ClientSampleId :
SLCS235

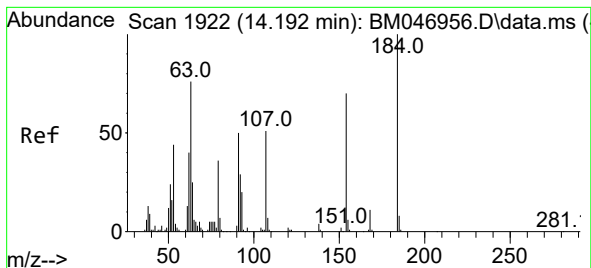
Tgt Ion:138 Resp: 256722
Ion Ratio Lower Upper
138 100
108 10.9 9.4 14.2
92 122.1 96.6 144.8



#52
Acenaphthene
Concen: 27.422 ng/ul
RT: 14.122 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:153 Resp: 946568
Ion Ratio Lower Upper
153 100
152 48.2 38.2 57.2
154 88.4 70.1 105.1

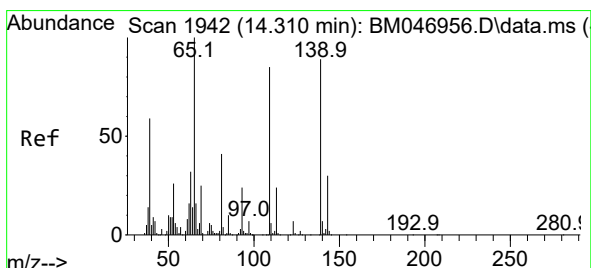
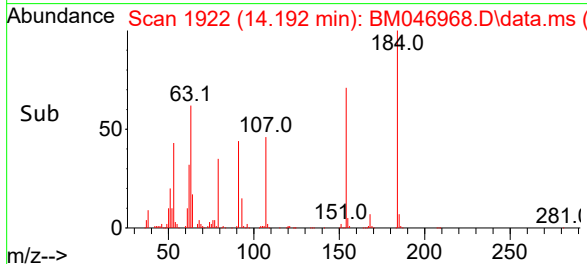
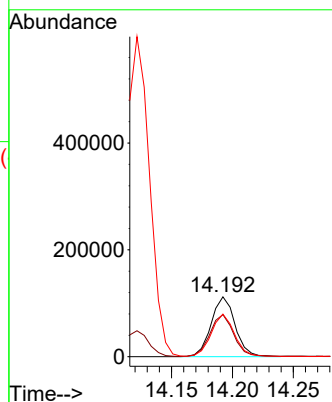
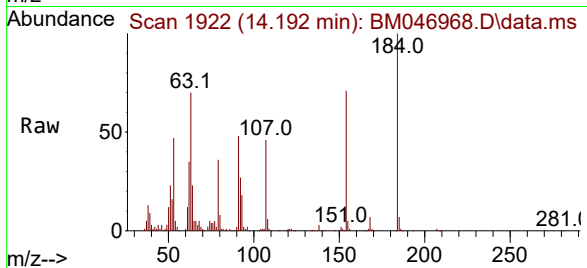




#53
2,4-Dinitrophenol
Concen: 27.507 ng/ul
RT: 14.192 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

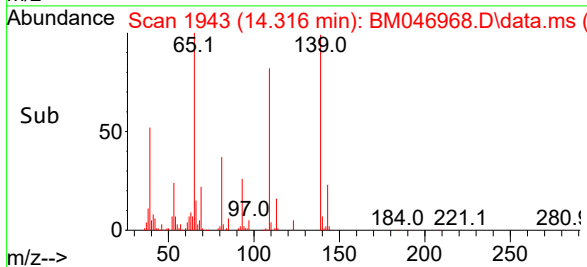
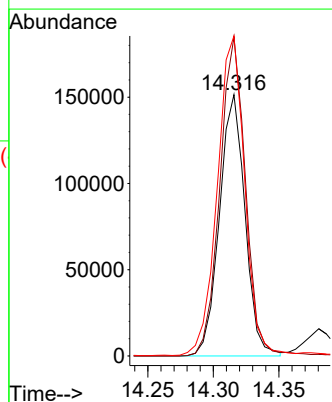
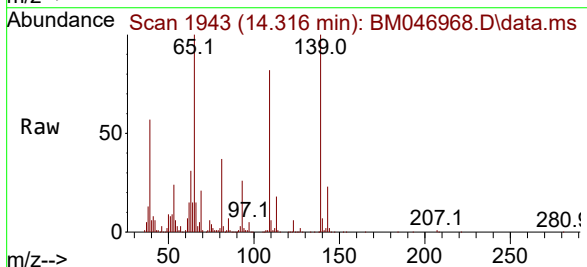
Instrument :
BNA_M
ClientSampleId :
SLCS235

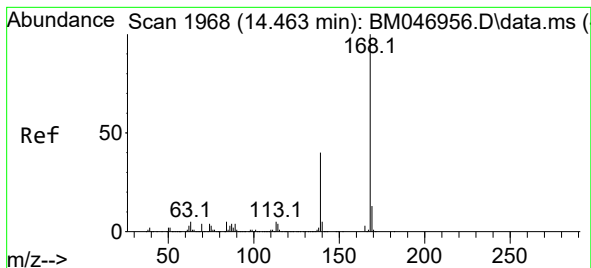
Tgt Ion:184 Resp: 153770
Ion Ratio Lower Upper
184 100
63 70.2 61.9 92.9
154 71.0 55.6 83.4



#55
4-Nitrophenol
Concen: 25.828 ng/ul
RT: 14.316 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:109 Resp: 205282
Ion Ratio Lower Upper
109 100
139 122.1 82.3 123.5
65 122.5 92.6 139.0

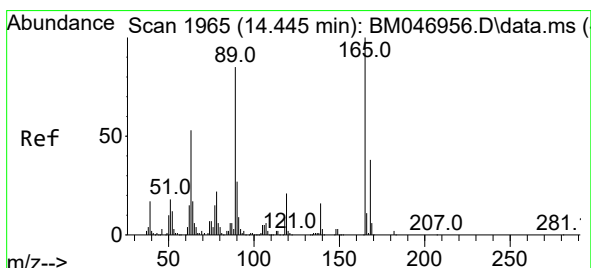
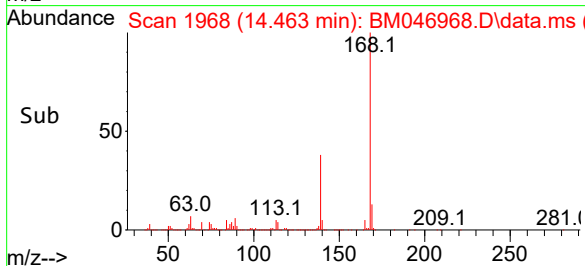
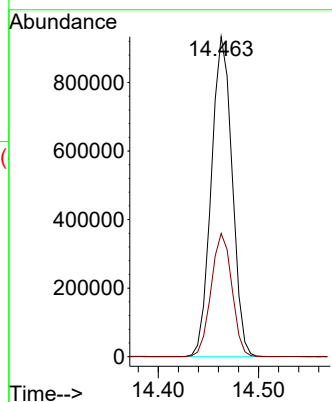
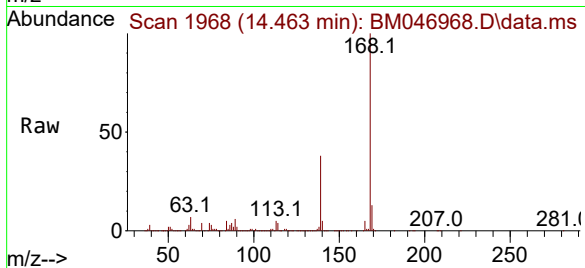




#56
Dibenzofuran
Concen: 27.893 ng/ul
RT: 14.463 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

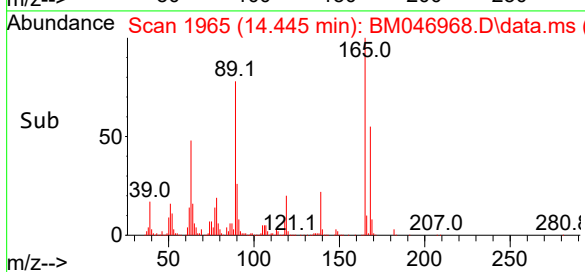
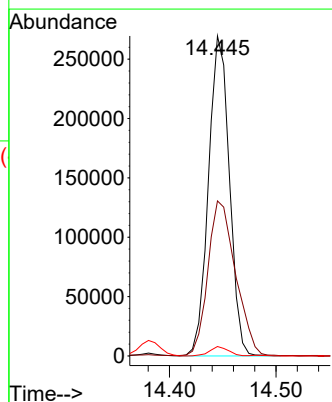
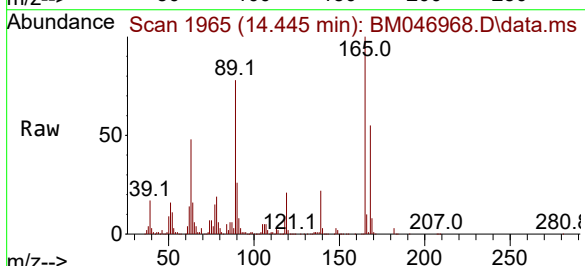
Instrument :
BNA_M
ClientSampleId :
SLCS235

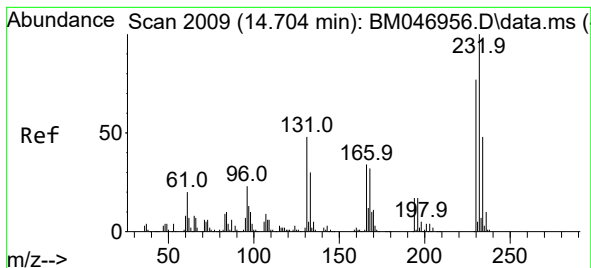
Tgt Ion:168 Resp: 1351308
Ion Ratio Lower Upper
168 100
139 38.5 33.0 49.4



#57
2,4-Dinitrotoluene
Concen: 30.369 ng/ul
RT: 14.445 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:165 Resp: 367690
Ion Ratio Lower Upper
165 100
63 48.5 41.4 62.0
182 2.9 2.2 3.2

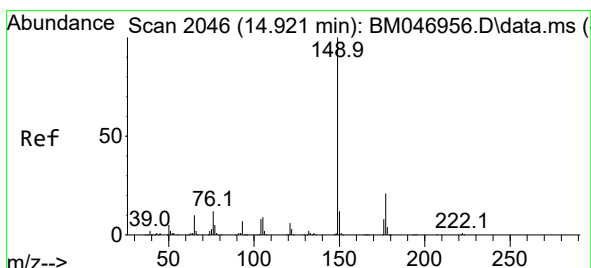
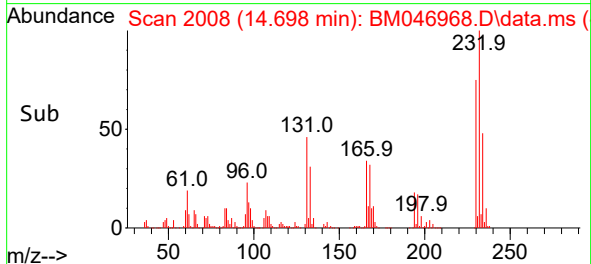
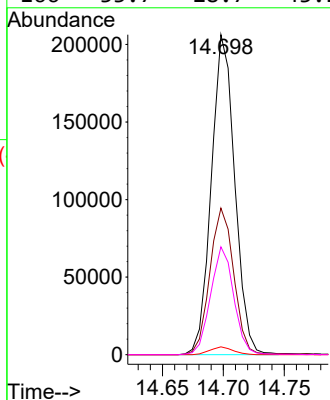
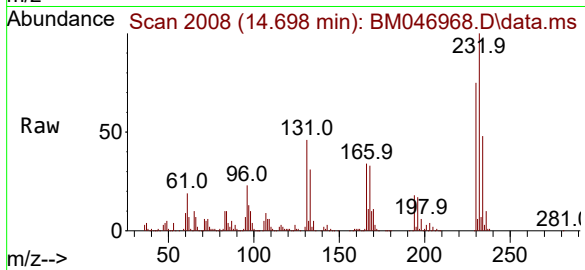




#58
2,3,4,6-Tetrachlorophenol
Concen: 26.400 ng/ul
RT: 14.698 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

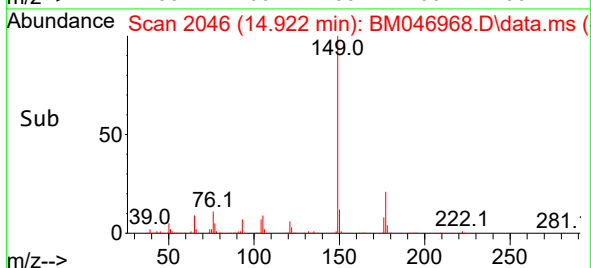
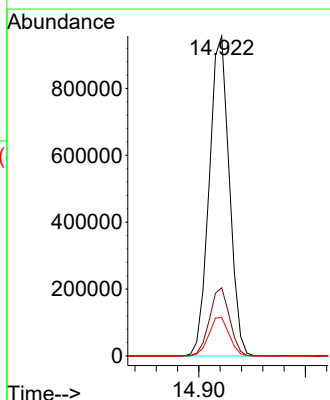
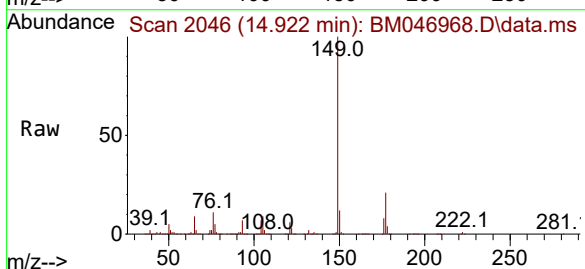
Instrument :
BNA_M
ClientSampleId :
SLCS235

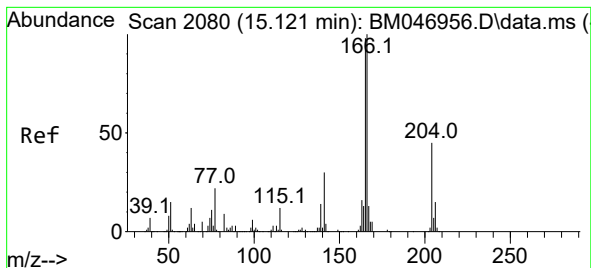
Tgt Ion:232 Resp: 276312
Ion Ratio Lower Upper
232 100
131 45.8 40.8 61.2
130 2.5 2.6 3.8#
166 33.7 28.7 43.1



#59
Diethylphthalate
Concen: 28.605 ng/ul
RT: 14.922 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:149 Resp: 1254120
Ion Ratio Lower Upper
149 100
177 21.3 16.5 24.7
150 12.1 9.7 14.5





#61

Fluorene

Concen: 28.128 ng/ul

RT: 15.116 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

Instrument :

BNA_M

ClientSampleId :

SLCS235

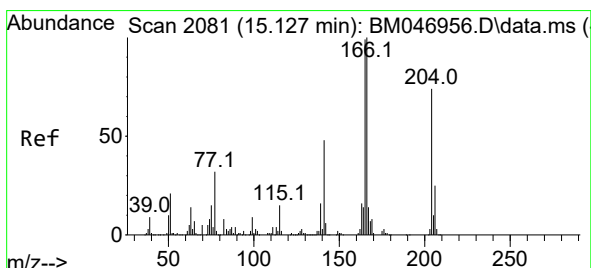
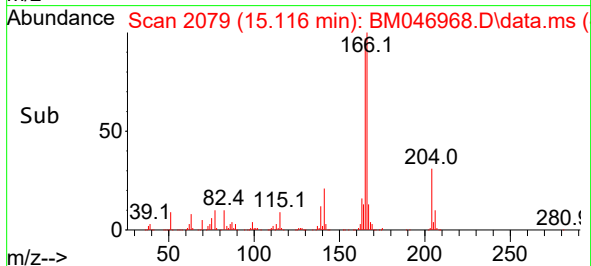
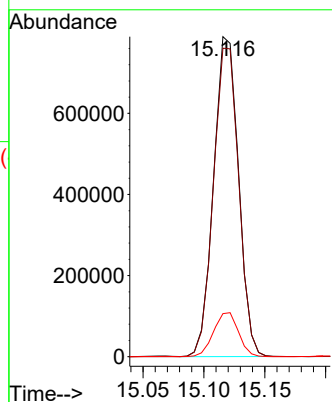
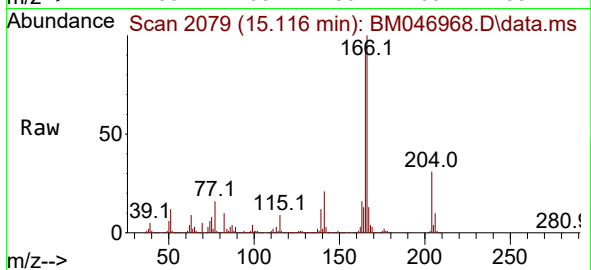
Tgt Ion:166 Resp: 1123945

Ion Ratio Lower Upper

166 100

165 96.4 79.5 119.3

167 13.5 11.5 17.3



#62

4-Chlorophenyl-phenylether

Concen: 26.893 ng/ul

RT: 15.121 min Scan# 2080

Delta R.T. -0.006 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

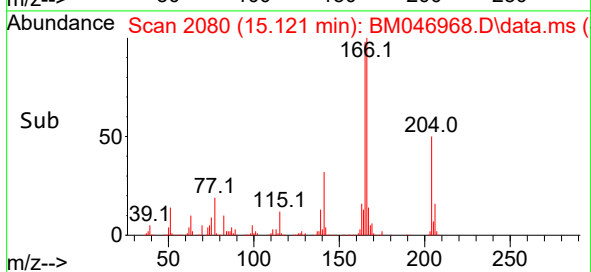
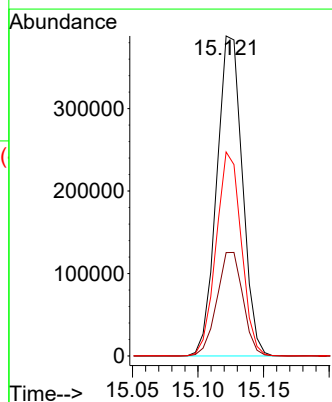
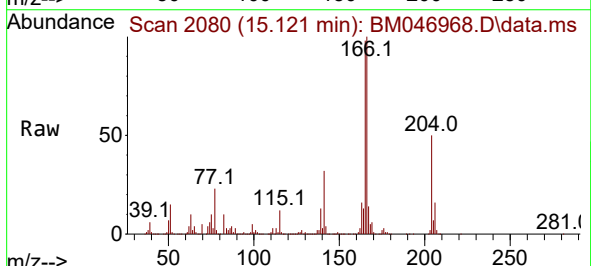
Tgt Ion:204 Resp: 529018

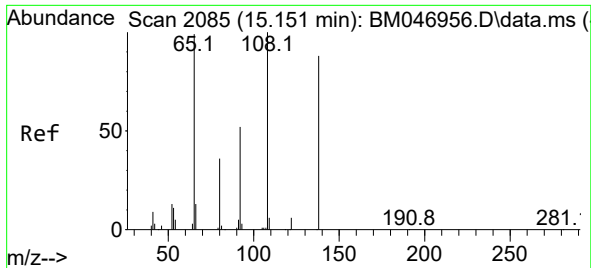
Ion Ratio Lower Upper

204 100

206 32.3 27.0 40.4

141 63.8 52.2 78.4

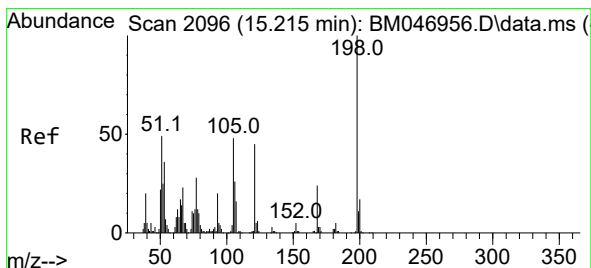
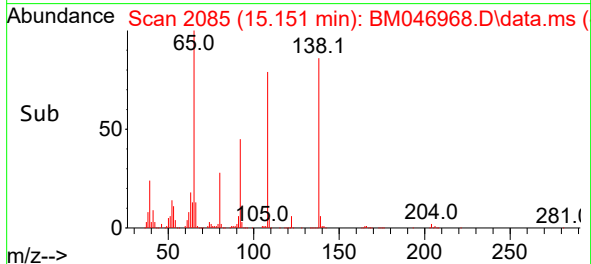
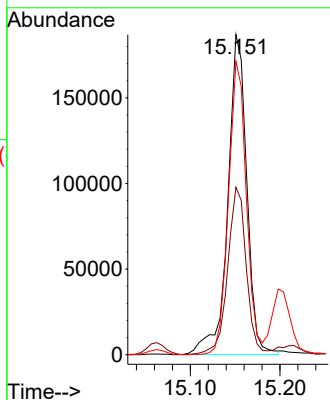
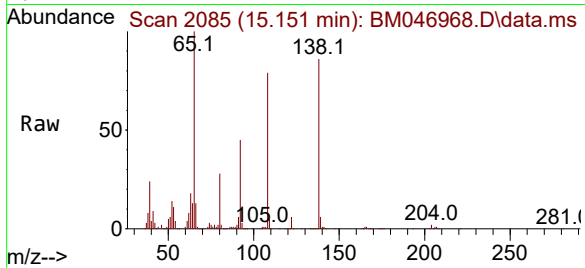




#63
4-Nitroaniline
Concen: 34.531 ng/ul
RT: 15.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

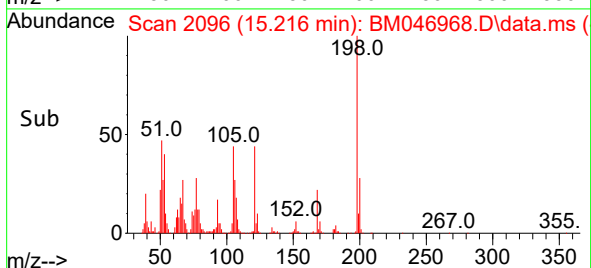
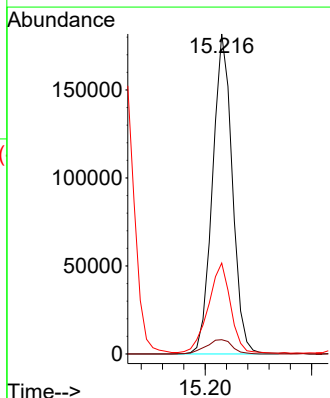
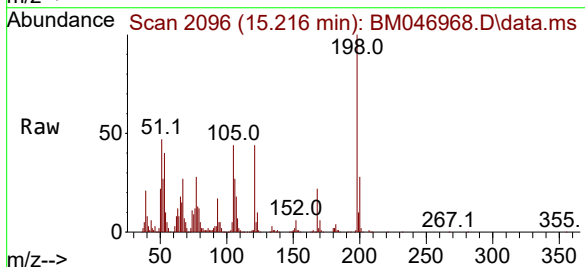
Instrument :
BNA_M
ClientSampleId :
SLCS235

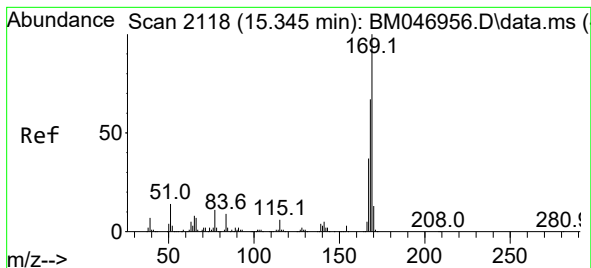
Tgt Ion:138 Resp: 275346
Ion Ratio Lower Upper
138 100
92 52.3 47.7 71.5
108 91.6 87.3 130.9



#66
4,6-Dinitro-2-methylphenol
Concen: 29.526 ng/ul
RT: 15.216 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:198 Resp: 234713
Ion Ratio Lower Upper
198 100
182 4.5 3.6 5.4
77 28.4 24.4 36.6





#67

N-Nitrosodiphenylamine

Concen: 29.023 ng/ul

RT: 15.345 min Scan# 2118

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

Instrument :

BNA_M

ClientSampleId :

SLCS235

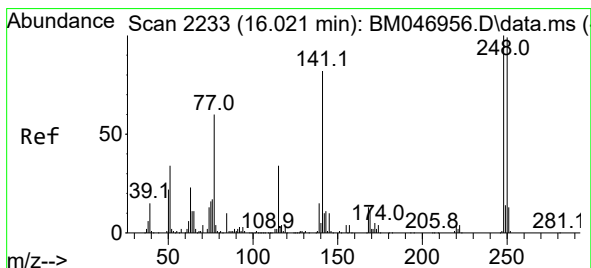
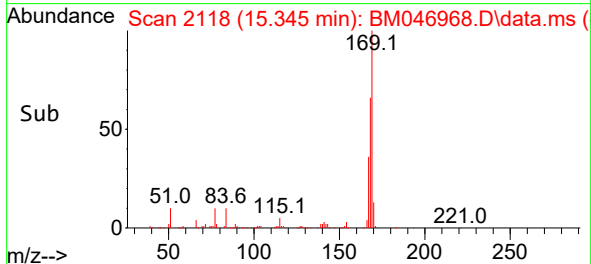
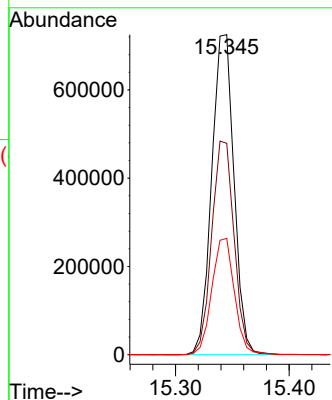
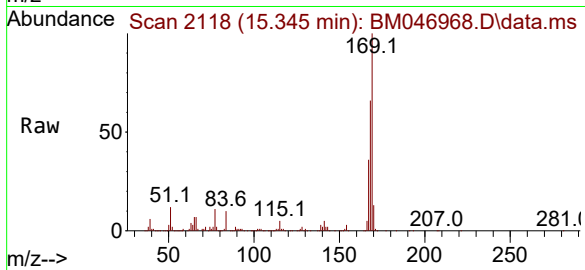
Tgt Ion:169 Resp: 989199

Ion Ratio Lower Upper

169 100

168 66.1 54.0 81.0

167 36.4 30.2 45.2



#68

4-Bromophenyl-phenylether

Concen: 28.827 ng/ul

RT: 16.021 min Scan# 2233

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

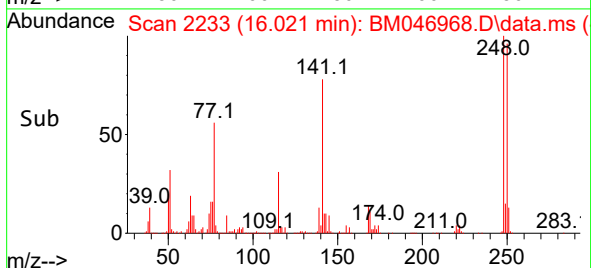
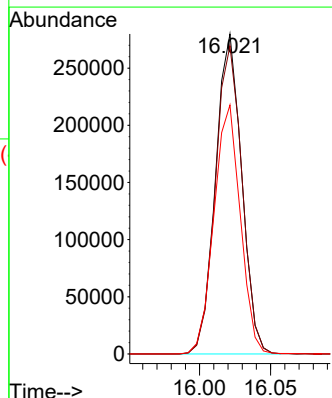
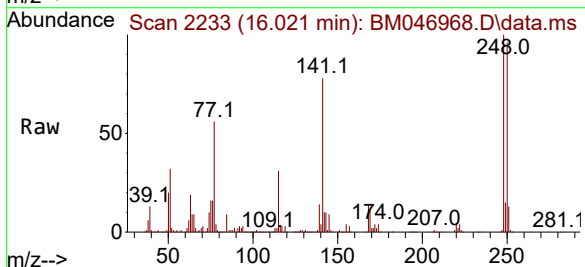
Tgt Ion:248 Resp: 358794

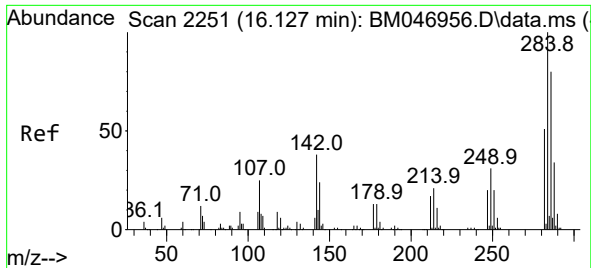
Ion Ratio Lower Upper

248 100

250 96.3 80.7 121.1

141 77.8 68.6 103.0

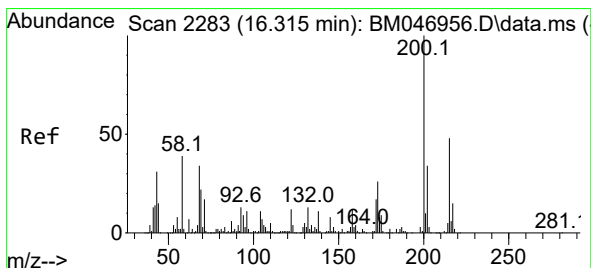
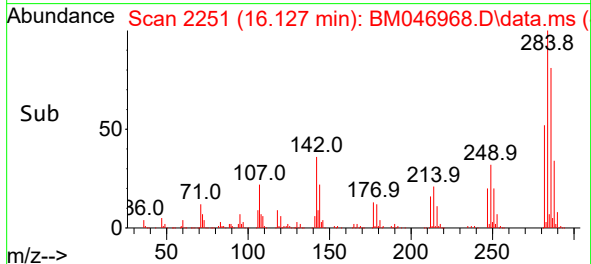
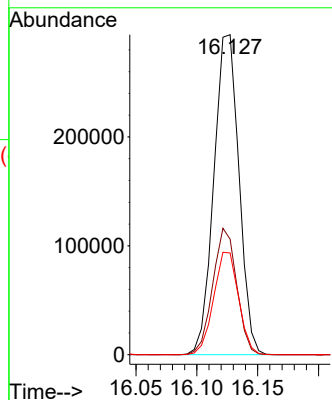
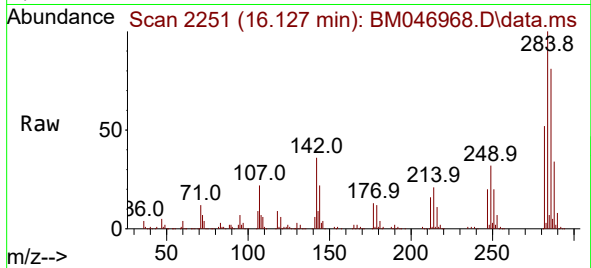




#69
Hexachlorobenzene
Concen: 28.795 ng/ul
RT: 16.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

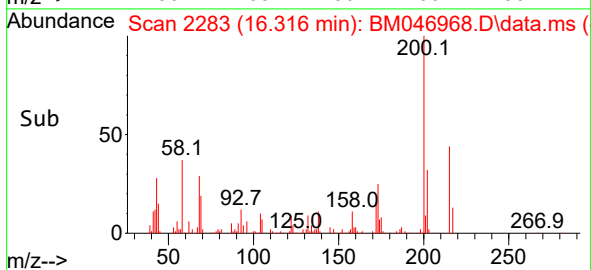
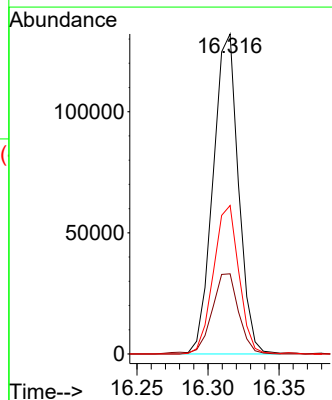
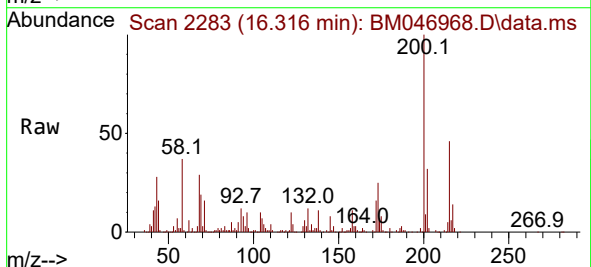
Instrument :
BNA_M
ClientSampleId :
SLCS235

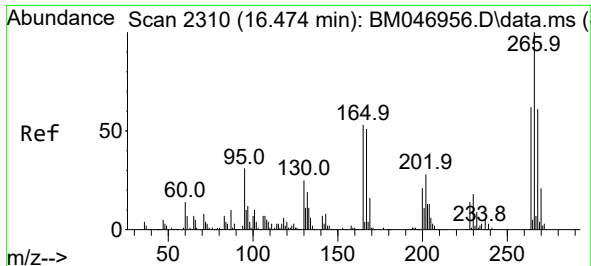
Tgt Ion:284 Resp: 422007
Ion Ratio Lower Upper
284 100
142 36.1 30.0 45.0
249 31.8 24.6 36.8



#70
Atrazine
Concen: 12.288 ng/ul
RT: 16.316 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:200 Resp: 164328
Ion Ratio Lower Upper
200 100
173 25.1 21.4 32.0
215 46.4 36.7 55.1

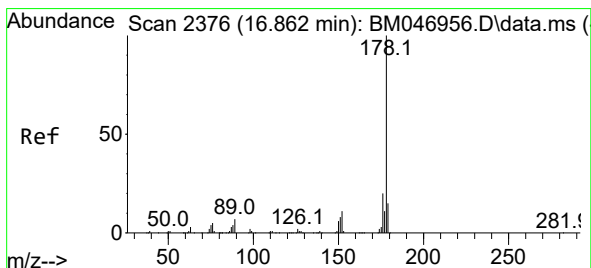
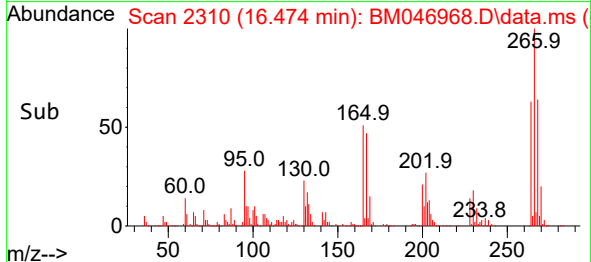
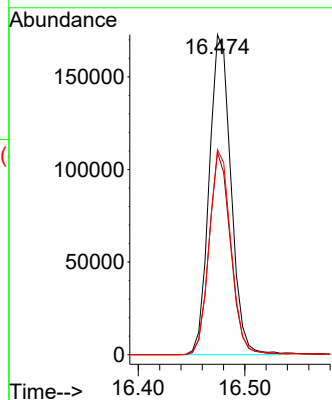
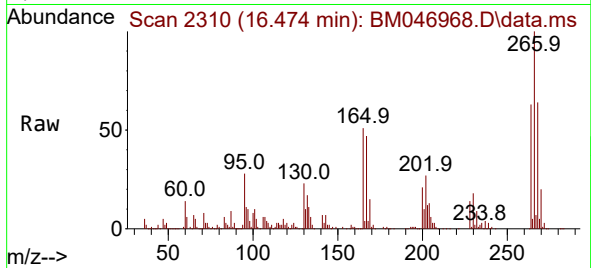




#71
 Pentachlorophenol
 Concen: 24.683 ng/ul
 RT: 16.474 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM046968.D
 Acq: 03 Aug 2024 16:49

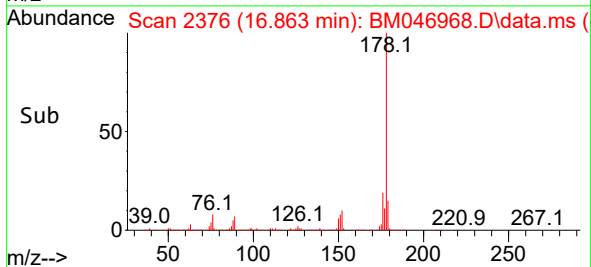
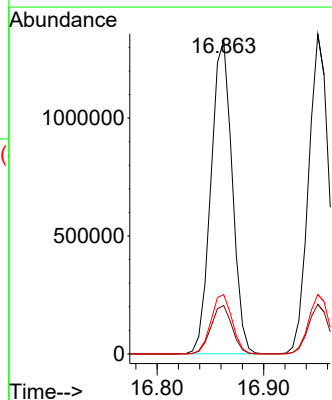
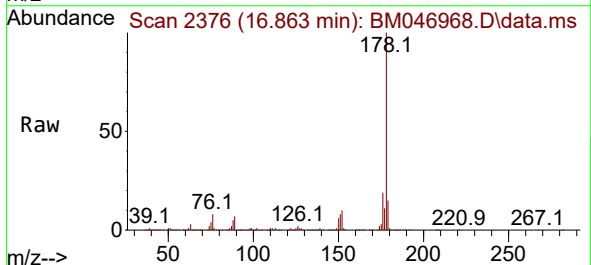
Instrument :
 BNA_M
 ClientSampleId :
 SLCS235

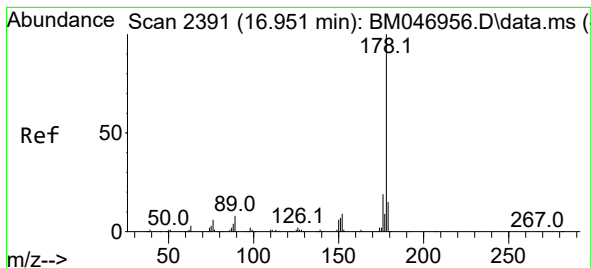
Tgt Ion:266 Resp: 244911
 Ion Ratio Lower Upper
 266 100
 264 63.2 50.7 76.1
 268 64.1 53.0 79.6



#72
 Phenanthrene
 Concen: 28.490 ng/ul
 RT: 16.863 min Scan# 2376
 Delta R.T. 0.000 min
 Lab File: BM046968.D
 Acq: 03 Aug 2024 16:49

Tgt Ion:178 Resp: 1836422
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 18.9 15.3 22.9





#74

Anthracene

Concen: 27.629 ng/uI

RT: 16.951 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

Instrument :

BNA_M

ClientSampleId :

SLCS235

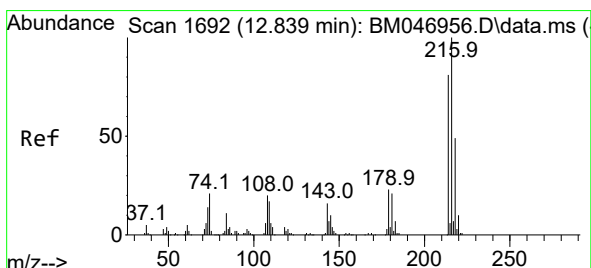
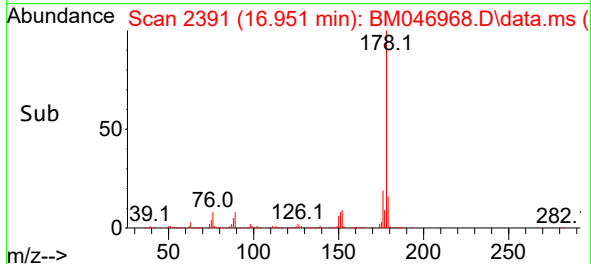
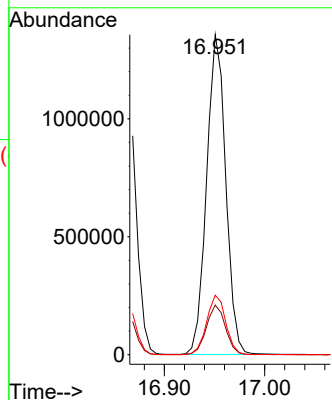
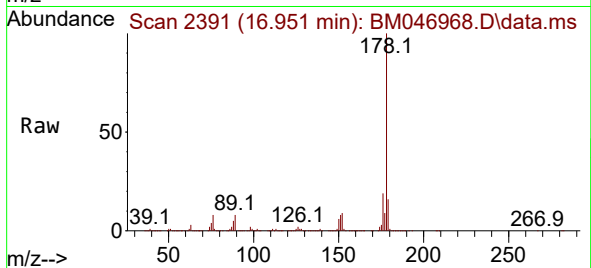
Tgt Ion:178 Resp: 1796002

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 18.6 14.6 22.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 27.635 ng/uI

RT: 12.833 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

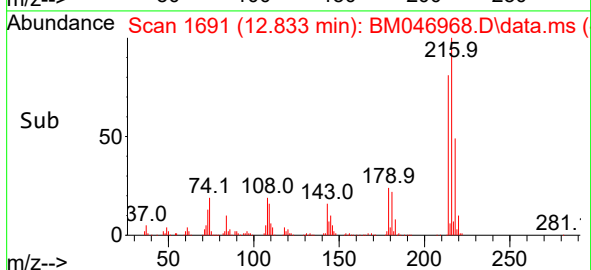
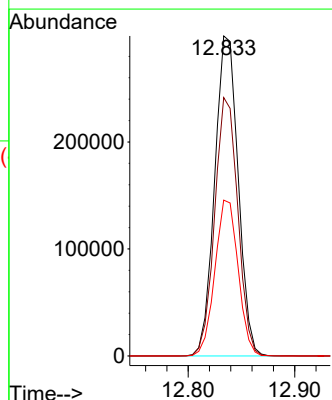
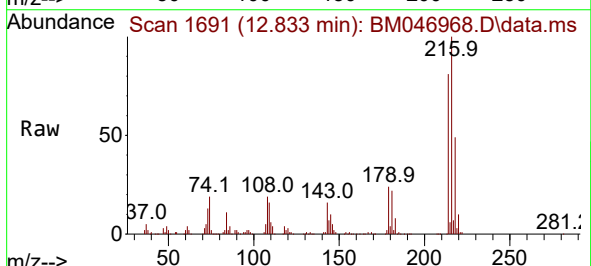
Tgt Ion:216 Resp: 457212

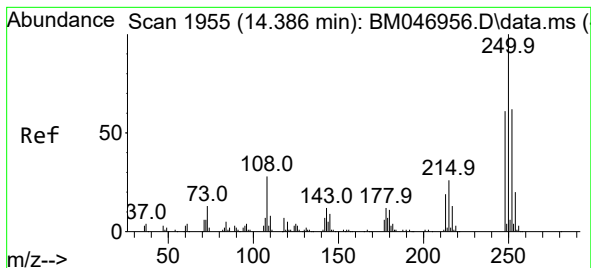
Ion Ratio Lower Upper

216 100

214 80.8 67.0 100.6

218 48.7 38.7 58.1





#76

Pentachlorobenzene

Concen: 27.085 ng/uL

RT: 14.380 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

Instrument :

BNA_M

ClientSampleId :

SLCS235

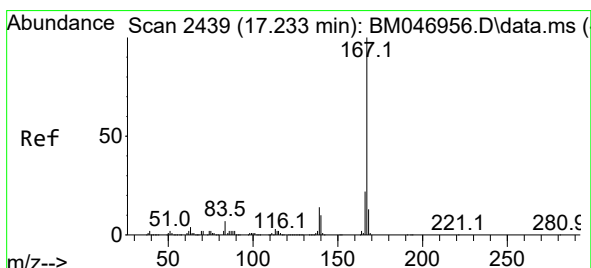
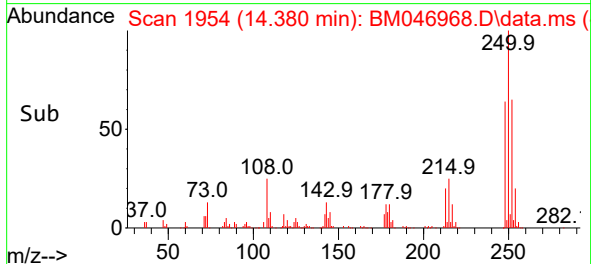
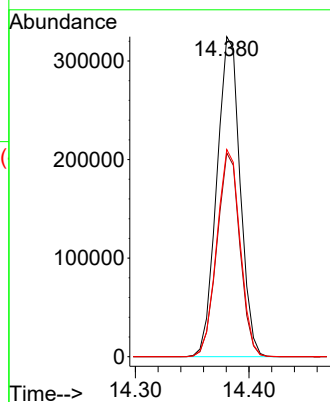
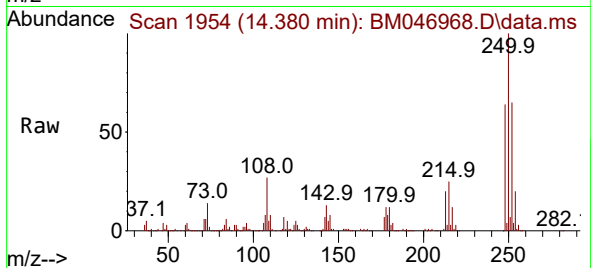
Tgt Ion:250 Resp: 463850

Ion Ratio Lower Upper

250 100

248 63.6 49.6 74.4

252 64.7 51.4 77.0



#77

Carbazole

Concen: 28.969 ng/uL

RT: 17.233 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

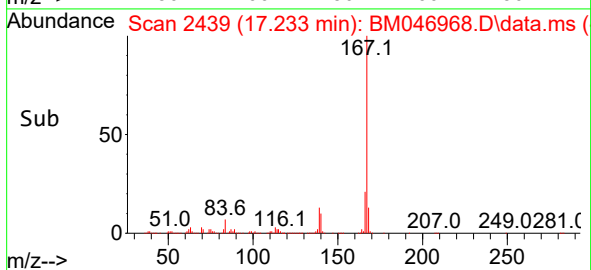
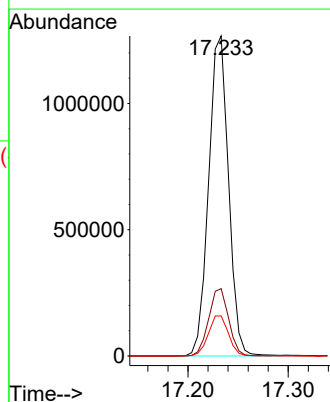
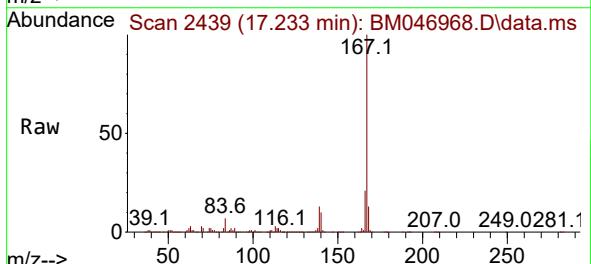
Tgt Ion:167 Resp: 1745787

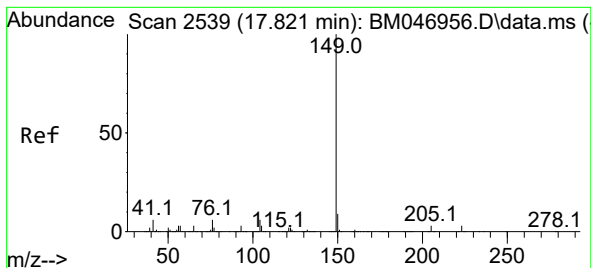
Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 12.5 10.6 16.0

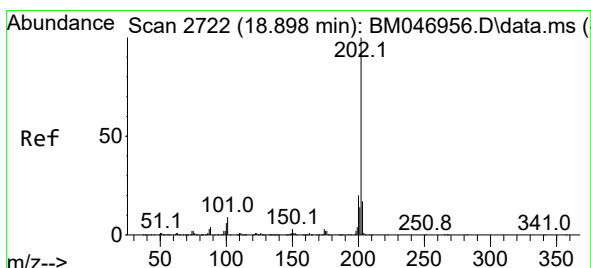
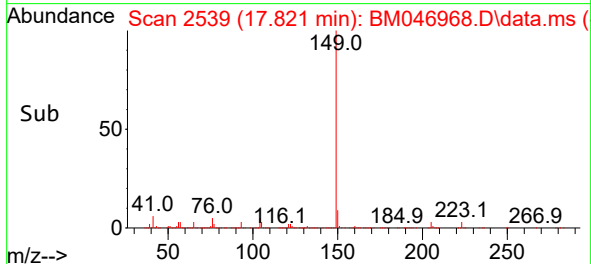
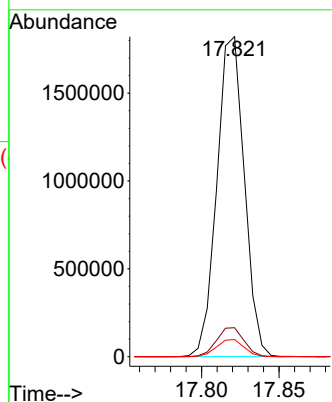
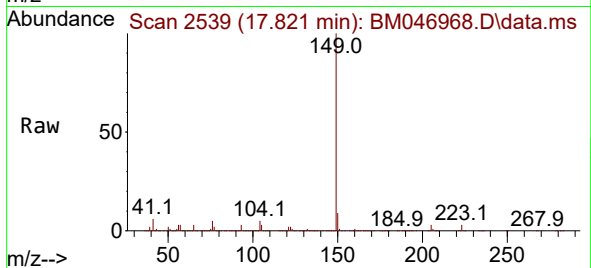




#78
Di-n-butylphthalate
Concen: 29.289 ng/ul
RT: 17.821 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

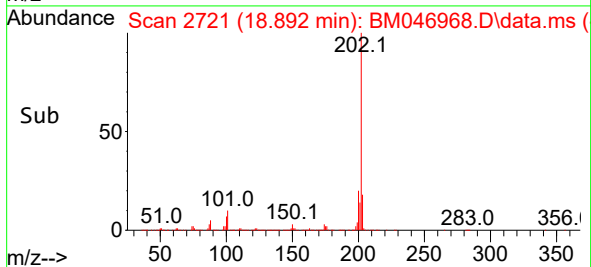
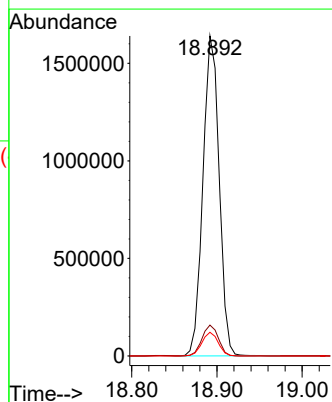
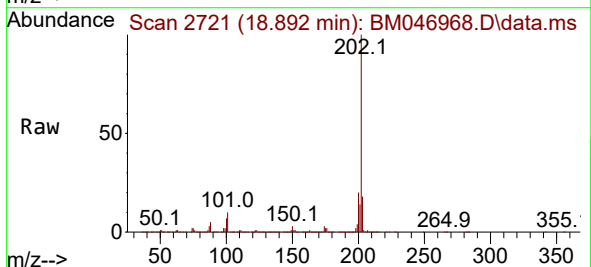
Instrument :
BNA_M
ClientSampleId :
SLCS235

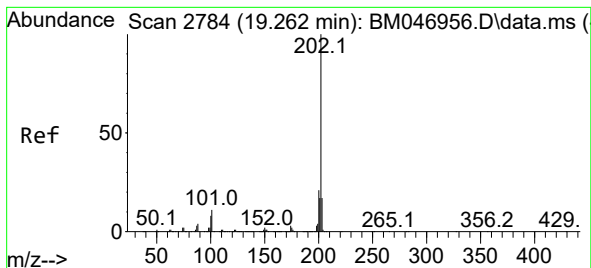
Tgt Ion:149 Resp: 2244512
Ion Ratio Lower Upper
149 100
150 9.1 7.0 10.6
104 5.4 4.8 7.2



#80
Fluoranthene
Concen: 31.899 ng/ul
RT: 18.892 min Scan# 2721
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:202 Resp: 2170439
Ion Ratio Lower Upper
202 100
101 9.7 7.8 11.6
100 7.4 5.9 8.9





#82

Pyrene

Concen: 30.757 ng/ul

RT: 19.262 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

Instrument :

BNA_M

ClientSampleId :

SLCS235

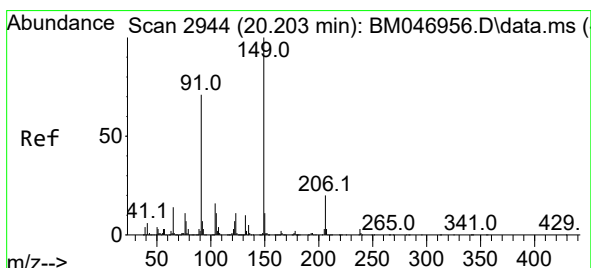
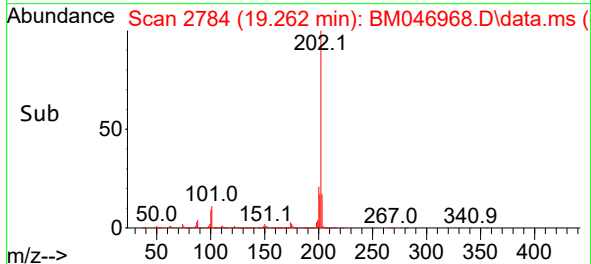
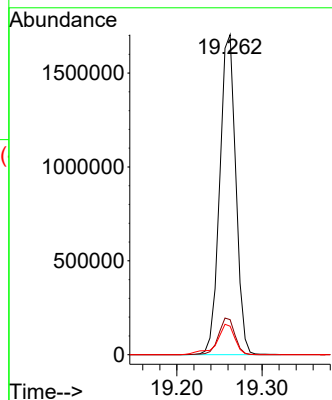
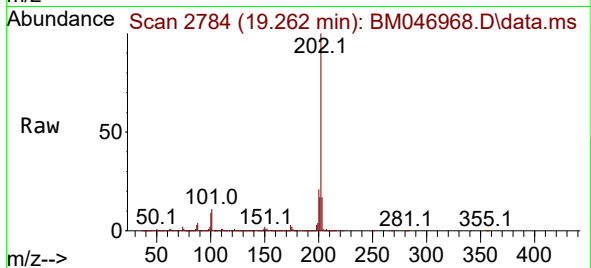
Tgt Ion:202 Resp: 2229859

Ion Ratio Lower Upper

202 100

101 10.9 8.7 13.1

100 8.9 6.8 10.2



#83

Butylbenzylphthalate

Concen: 32.829 ng/ul

RT: 20.198 min Scan# 2943

Delta R.T. -0.006 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

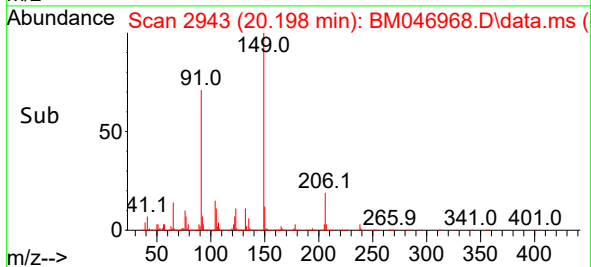
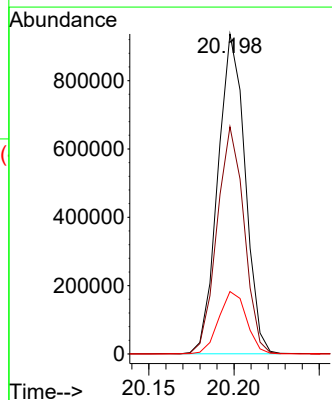
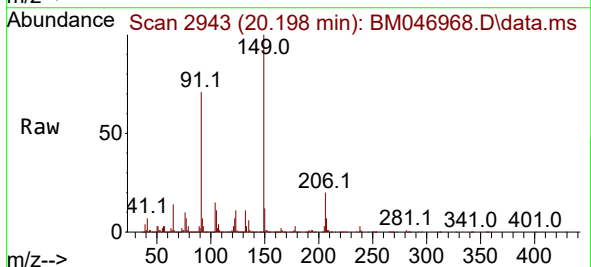
Tgt Ion:149 Resp: 1040273

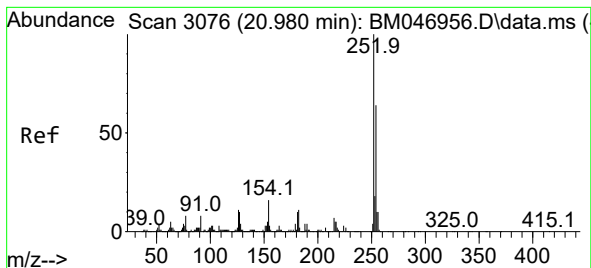
Ion Ratio Lower Upper

149 100

91 71.0 55.3 82.9

206 19.5 16.2 24.4





#84

3,3'-Dichlorobenzidine

Concen: 30.249 ng/ul

RT: 20.980 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

Instrument :

BNA_M

ClientSampleId :

SLCS235

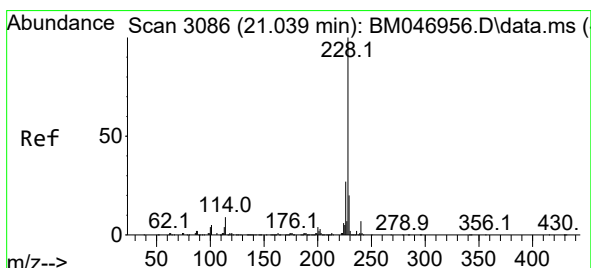
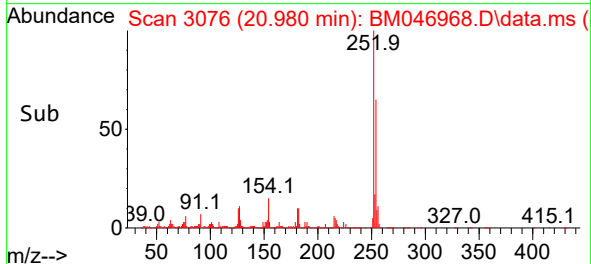
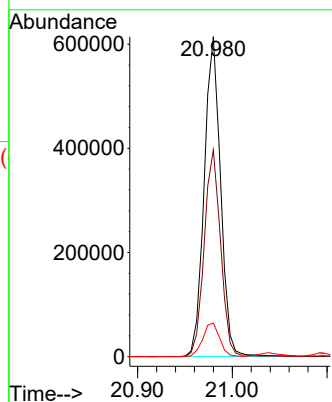
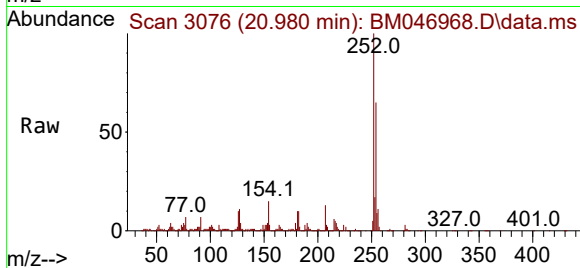
Tgt Ion:252 Resp: 737496

Ion Ratio Lower Upper

252 100

254 64.6 52.6 78.8

126 10.5 8.8 13.2



#85

Benzo(a)anthracene

Concen: 29.931 ng/ul

RT: 21.039 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

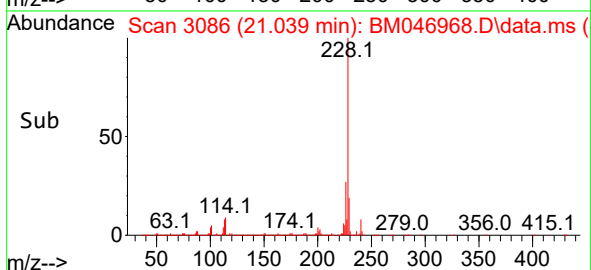
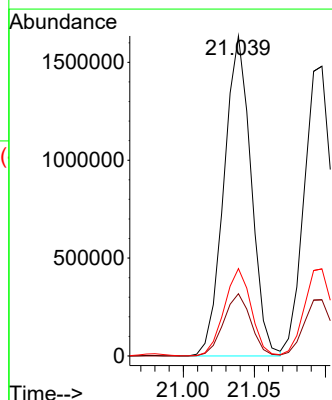
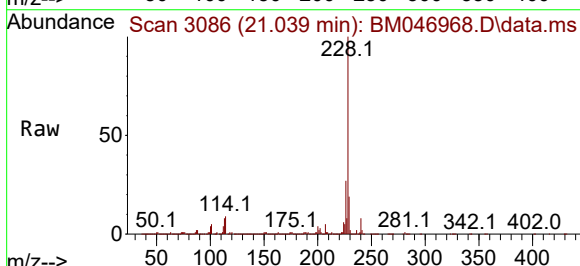
Tgt Ion:228 Resp: 2174100

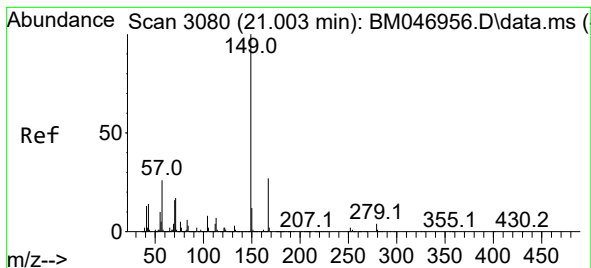
Ion Ratio Lower Upper

228 100

229 19.4 15.5 23.3

226 27.3 21.2 31.8

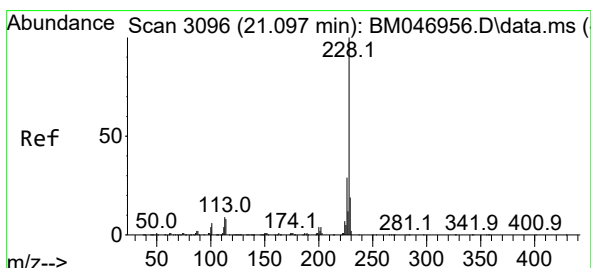
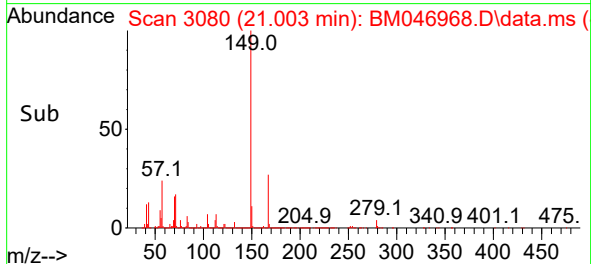
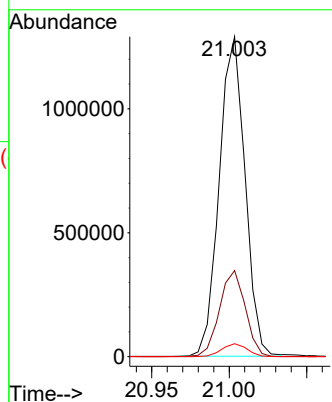
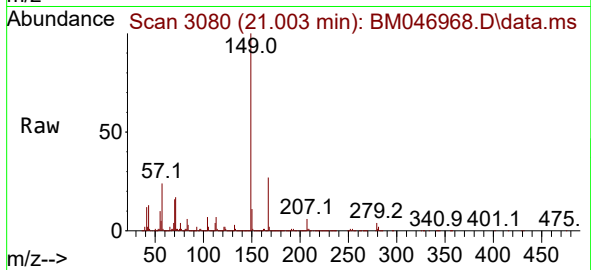




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 32.250 ng/ul
 RT: 21.003 min Scan# 3080
 Delta R.T. 0.000 min
 Lab File: BM046968.D
 Acq: 03 Aug 2024 16:49

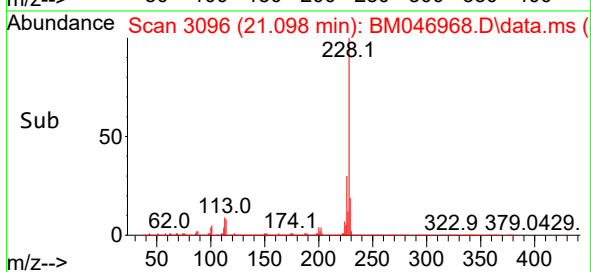
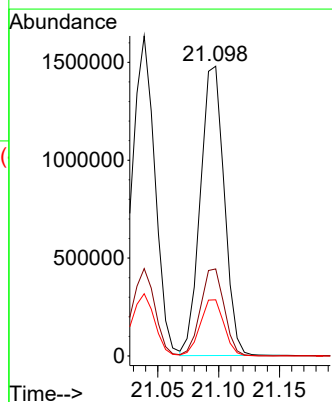
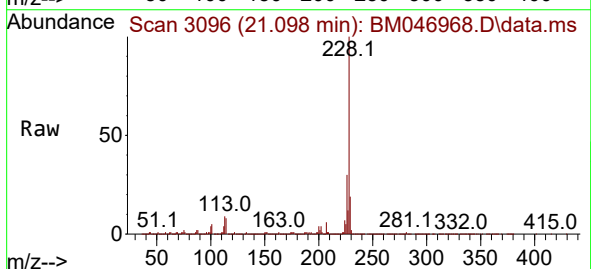
Instrument :
 BNA_M
 ClientSampleId :
 SLCS235

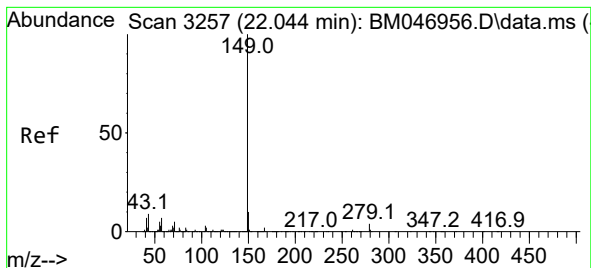
Tgt Ion:149 Resp: 1491855
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 4.1 3.3 4.9



#87
 Chrysene
 Concen: 29.034 ng/ul
 RT: 21.098 min Scan# 3096
 Delta R.T. 0.000 min
 Lab File: BM046968.D
 Acq: 03 Aug 2024 16:49

Tgt Ion:228 Resp: 2011347
 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: 31.879 ng/ul

RT: 22.045 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

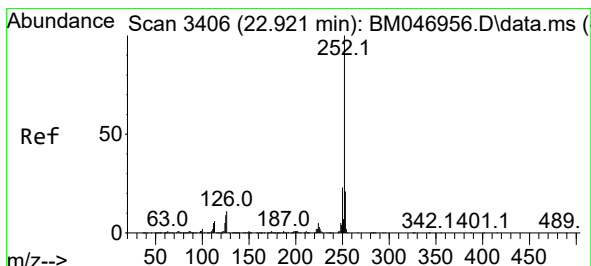
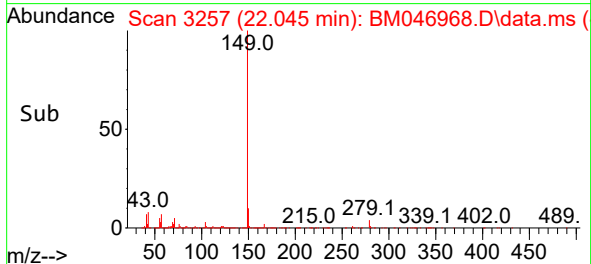
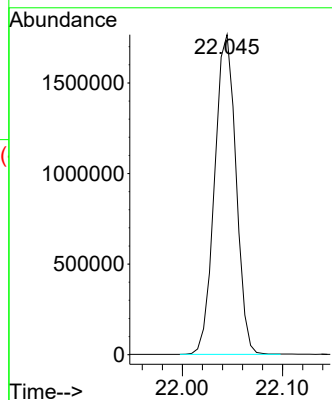
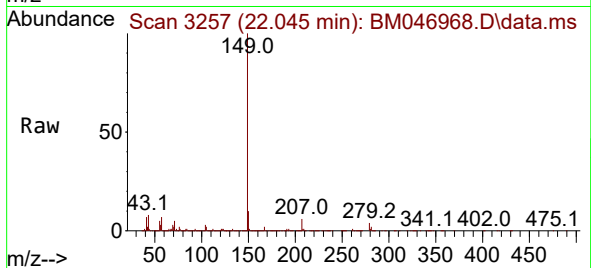
Instrument :

BNA_M

ClientSampleId :

SLCS235

Tgt Ion:149 Resp: 2612557



#90

Benzo(b)fluoranthene

Concen: 30.885 ng/ul

RT: 22.921 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

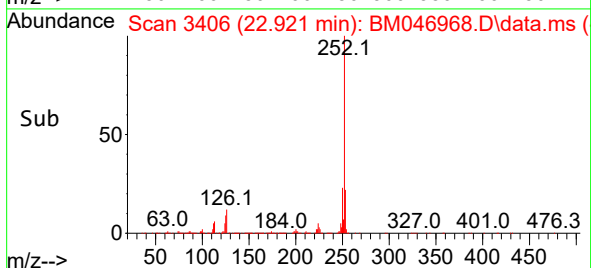
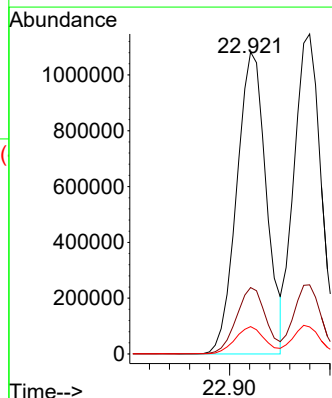
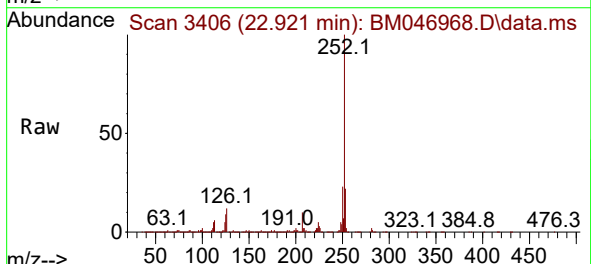
Tgt Ion:252 Resp: 2219331

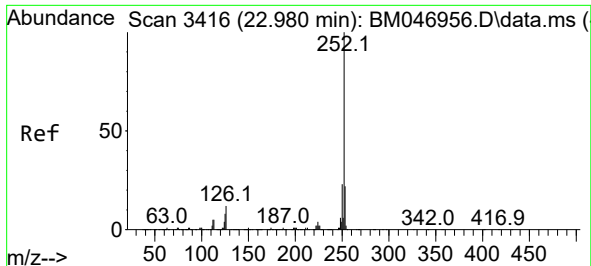
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.1 7.0 10.6

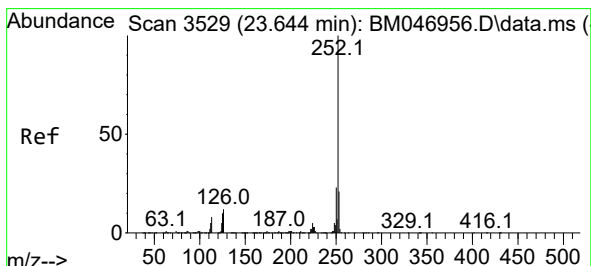
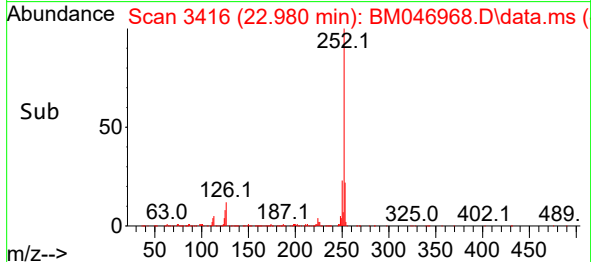
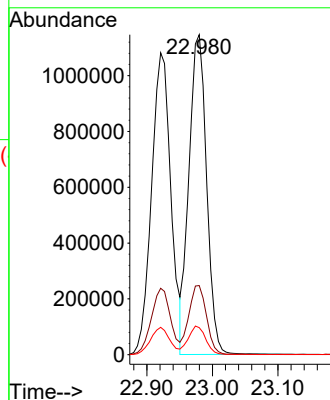
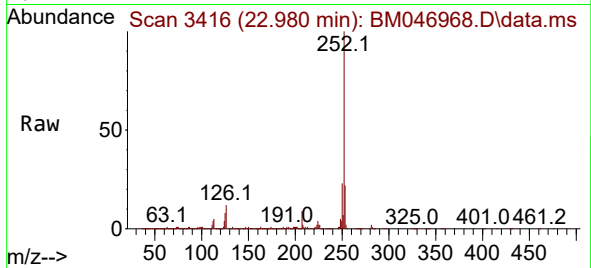




#91
Benzo(k)fluoranthene
Concen: 30.112 ng/ul
RT: 22.980 min Scan# 3416
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

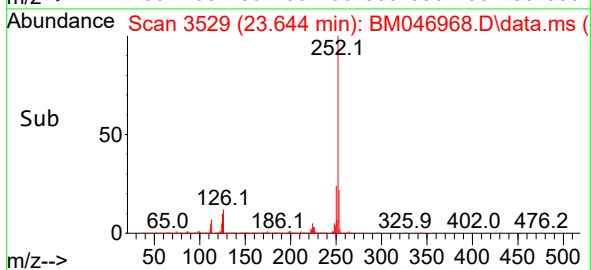
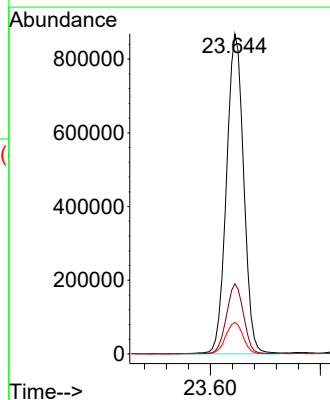
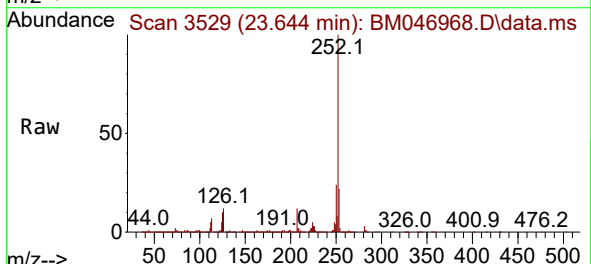
Instrument :
BNA_M
ClientSampleId :
SLCS235

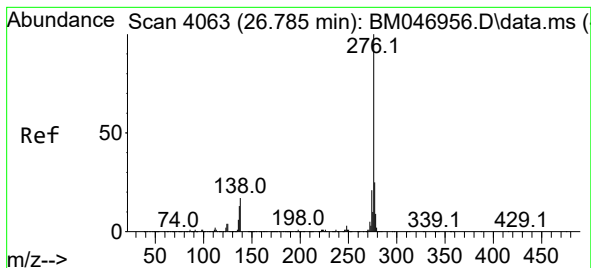
Tgt Ion:252 Resp: 2138283
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 8.5 6.9 10.3



#93
Benzo(a)pyrene
Concen: 28.127 ng/ul
RT: 23.644 min Scan# 3529
Delta R.T. 0.000 min
Lab File: BM046968.D
Acq: 03 Aug 2024 16:49

Tgt Ion:252 Resp: 1882961
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 9.9 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 28.894 ng/ul

RT: 26.791 min Scan# 4064

Delta R.T. 0.012 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

Instrument :

BNA_M

ClientSampleId :

SLCS235

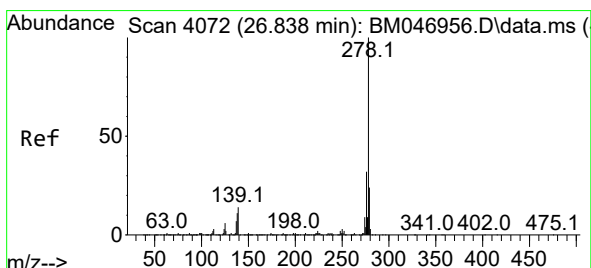
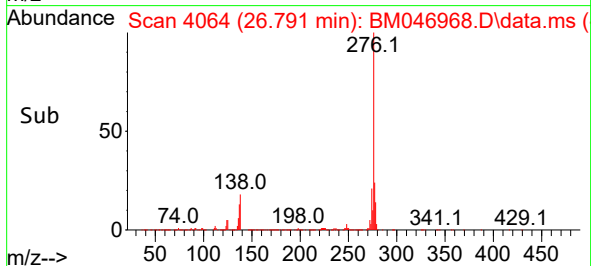
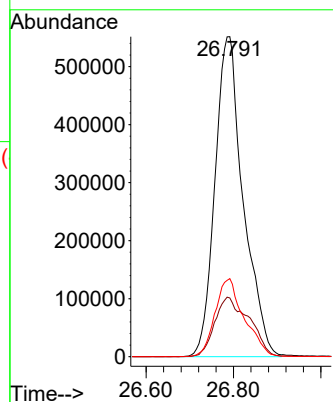
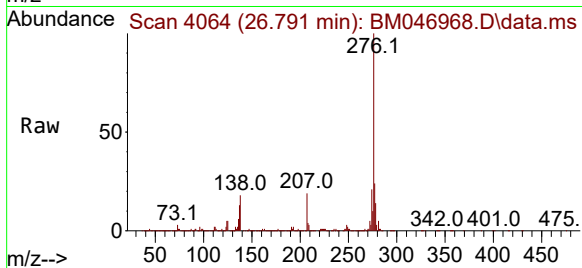
Tgt Ion:276 Resp: 2478257

Ion Ratio Lower Upper

276 100

138 18.4 14.7 22.1

277 24.4 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 28.965 ng/ul

RT: 26.838 min Scan# 4072

Delta R.T. 0.006 min

Lab File: BM046968.D

Acq: 03 Aug 2024 16:49

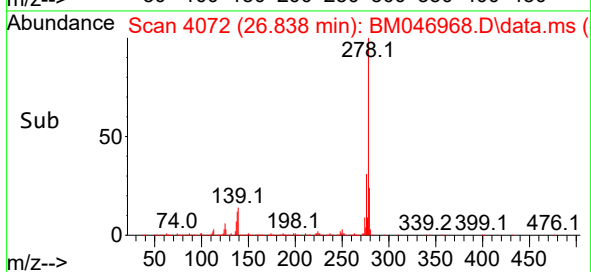
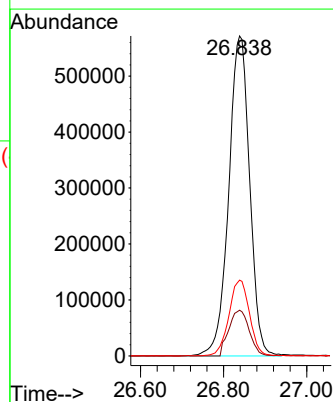
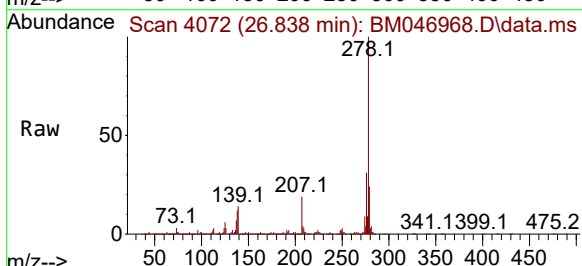
Tgt Ion:278 Resp: 1995506

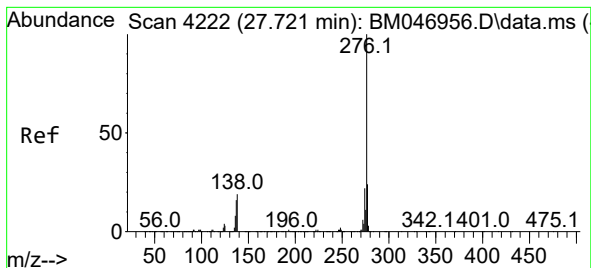
Ion Ratio Lower Upper

278 100

139 14.3 11.4 17.0

279 23.7 19.4 29.0





#96

Benzo(g,h,i)perylene

Concen: 29.108 ng/ul

RT: 27.721 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM046968.D

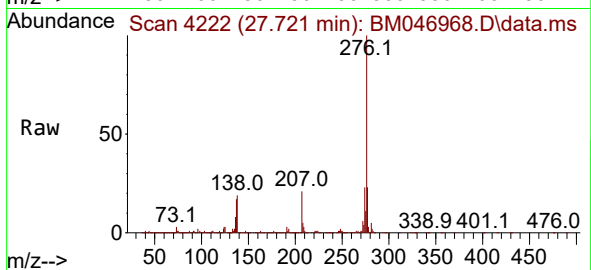
Acq: 03 Aug 2024 16:49

Instrument :

BNA_M

ClientSampleId :

SLCS235



Tgt Ion:276 Resp: 1972597

Ion Ratio Lower Upper

276 100

138 19.5 14.7 22.1

277 23.2 18.6 27.8

