

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044436.D
 Acq On : 29 Feb 2024 13:00
 Operator : MA/JU
 Sample : PB159338BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS338

Quant Time: Feb 29 13:39:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 29 03:37:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	208794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	919486	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	515368	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1060104	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	878500	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	935912	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	43808	6.620	ng/uL	0.00
4) Pyridine-d5	3.787	84	623653	34.508	ng/u1	0.00
7) Phenol-d5	7.122	99	713453	35.670	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	452346	34.924	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	567760	37.689	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	545430	36.039	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	281202	37.613	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	301800	39.567	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	522000	38.796	ng/u1	0.01
31) 4-Chloroaniline-d4	10.910	131	729035	32.262	ng/u1	0.00
46) Dimethylphthalate-d6	14.021	166	1475478	37.121	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1759570	38.476	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	293235	37.075	ng/u1	0.00
60) Fluorene-d10	15.586	176	1270419	37.763	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	240489	36.561	ng/u1	0.00
73) Anthracene-d10	17.445	188	1908661	37.760	ng/u1	0.00
81) Pyrene-d10	19.739	212	2131575	40.331	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	1927387	40.190	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	84397	12.099	ng/uL	96
5) Pyridine	3.804	79	587151	31.054	ng/u1	98
6) Benzaldehyde	7.098	77	316327	36.433	ng/u1	100
8) Phenol	7.145	94	698259	33.584	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.392	93	571977	32.867	ng/u1	100
12) 2-Chlorophenol	7.516	128	550532	35.324	ng/u1	96
13) 2-Methylphenol	8.404	108	517608	33.792	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.486	45	765596	32.176	ng/u1	100
16) Acetophenone	8.792	105	824375	34.094	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.781	70	423715	34.982	ng/u1	98
18) 4-Methylphenol	8.734	108	551905	33.824	ng/u1	99
19) Hexachloroethane	9.028	117	226754	34.296	ng/u1	95
22) Nitrobenzene	9.169	77	608472	33.653	ng/u1	99
23) Isophorone	9.698	82	1190708	33.980	ng/u1	99
25) 2-Nitrophenol	9.881	139	302704	35.782	ng/u1	96
26) 2,4-Dimethylphenol	9.939	107	483194	29.913	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.192	93	759435	33.338	ng/u1	100
29) 2,4-Dichlorophenol	10.410	162	477458	35.063	ng/u1	98
30) Naphthalene	10.816	128	1736974	33.216	ng/u1	99
32) 4-Chloroaniline	10.933	127	548423	24.905	ng/u1	99
33) Hexachlorobutadiene	11.086	225	274949	33.515	ng/u1	99
34) Caprolactam	11.722	113	159782	33.945	ng/u1	98
35) 4-Chloro-3-methylphenol	12.057	107	529459	36.495	ng/u1	97
36) 2-Methylnaphthalene	12.427	142	1127438	33.848	ng/u1	100

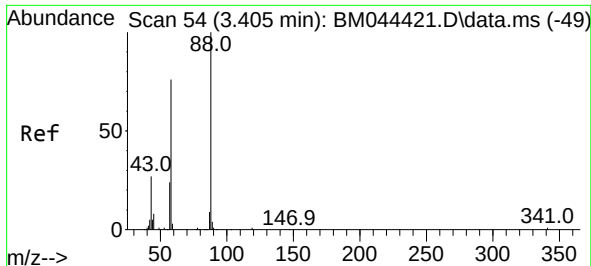
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	1114525	33.848	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	527214	34.557	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	274651	26.757	ng/ul	100
41) 2,4,6-Trichlorophenol	13.033	196	349463	35.936	ng/ul	99
42) 2,4,5-Trichlorophenol	13.104	196	388431	36.949	ng/ul	99
43) 1,1'-Biphenyl	13.439	154	1415933	33.747	ng/ul	98
44) 2-Chloronaphthalene	13.474	162	1132483	34.472	ng/ul	99
45) 2-Nitroaniline	13.692	65	344836	37.912	ng/ul	97
47) Dimethylphthalate	14.069	163	1422590	35.019	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	287618	37.859	ng/ul	96
50) Acenaphthylene	14.321	152	1893151	34.950	ng/ul	99
51) 3-Nitroaniline	14.516	138	307184	38.327	ng/ul	96
52) Acenaphthene	14.657	153	1223434	34.213	ng/ul	99
53) 2,4-Dinitrophenol	14.721	184	148173	31.431	ng/ul	96
55) 4-Nitrophenol	14.821	109	189842	34.939	ng/ul	96
56) Dibenzofuran	14.998	168	1652200	34.418	ng/ul	99
57) 2,4-Dinitrotoluene	14.974	165	423459	38.798	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.221	232	305739	36.138	ng/ul	97
59) Diethylphthalate	15.433	149	1493893	35.725	ng/ul	99
61) Fluorene	15.645	166	1331267	34.528	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	637545	35.086	ng/ul	100
63) 4-Nitroaniline	15.680	138	338902	43.719	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.733	198	242482	33.699	ng/ul	98
67) N-Nitrosodiphenylamine	15.863	169	1142187	35.554	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	384835	36.537	ng/ul	97
69) Hexachlorobenzene	16.639	284	431365	35.782	ng/ul	97
70) Atrazine	16.821	200	231218	21.971	ng/ul	98
71) Pentachlorophenol	16.986	266	258204	32.501	ng/ul	99
72) Phenanthrene	17.386	178	2117201	34.814	ng/ul	100
74) Anthracene	17.480	178	2131023	34.803	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	526174	35.458	ng/ul	99
76) Pentachlorobenzene	14.910	250	499736	35.276	ng/ul	98
77) Carbazole	17.756	167	2027423	35.214	ng/ul	99
78) Di-n-butylphthalate	18.333	149	2707601	37.143	ng/ul	100
80) Fluoranthene	19.403	202	2388623	37.683	ng/ul	99
82) Pyrene	19.768	202	2500390	37.614	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1225216	41.035	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	704070	35.830	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2362398	36.056	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	1879895	41.124	ng/ul	99
87) Chrysene	21.574	228	2222334	36.084	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	3220520	40.162	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2314549	38.576	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2265976	36.771	ng/ul	100
93) Benzo(a)pyrene	23.856	252	2150854	37.181	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.503	276	2567708	36.705	ng/ul	99
95) Dibenzo(a,h)anthracene	26.532	278	2163262	37.005	ng/ul	99
96) Benzo(g,h,i)perylene	27.274	276	2067598	36.538	ng/ul	98

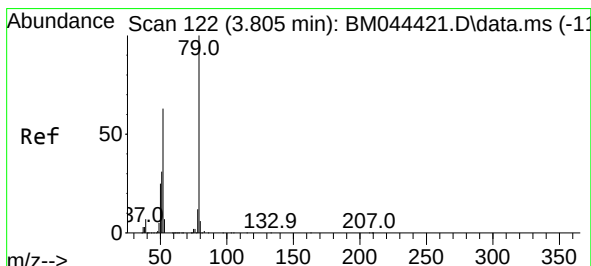
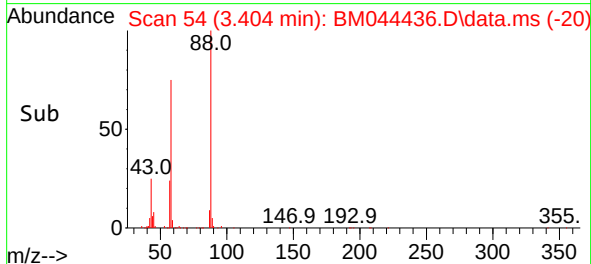
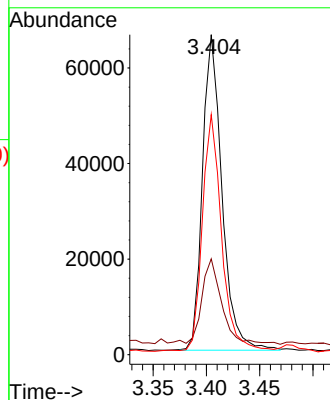
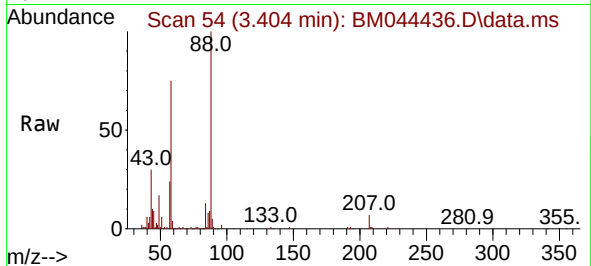
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#2
1,4-Dioxane
Concen: 12.099 ng/uL
RT: 3.404 min Scan# 54
Delta R.T. -0.000 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

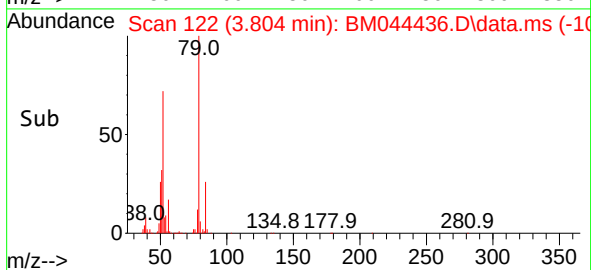
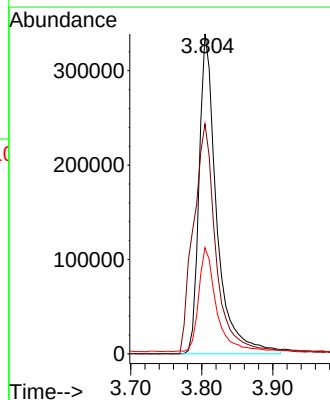
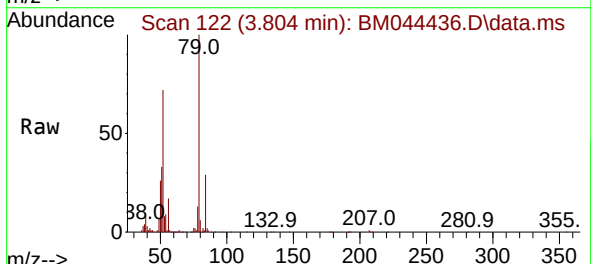
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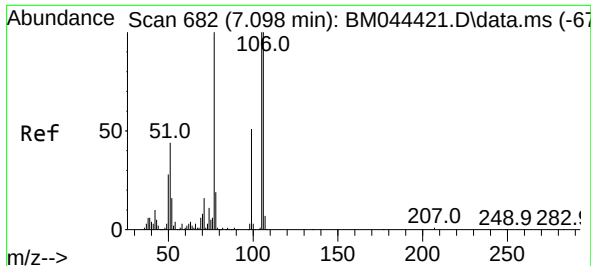
Tgt Ion: 88 Resp: 84397
Ion Ratio Lower Upper
88 100
43 30.0 21.2 31.8
58 75.0 58.3 87.5



#5
Pyridine
Concen: 31.054 ng/uL
RT: 3.804 min Scan# 122
Delta R.T. -0.000 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion: 79 Resp: 587151
Ion Ratio Lower Upper
79 100
52 71.9 58.9 88.3
51 33.2 27.8 41.8

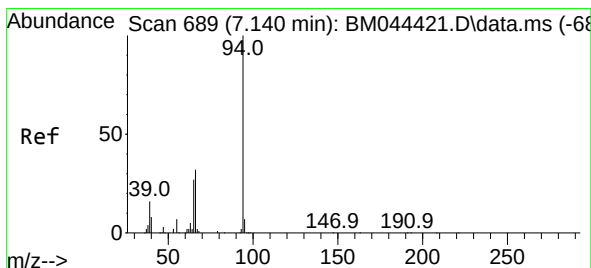
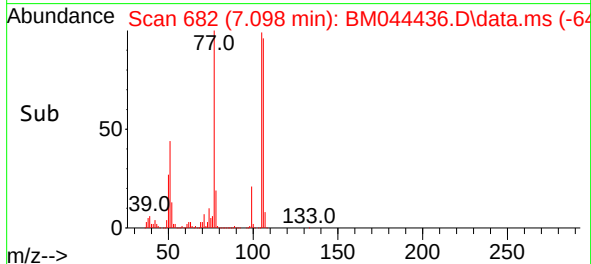
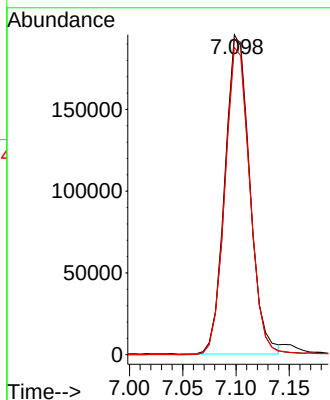
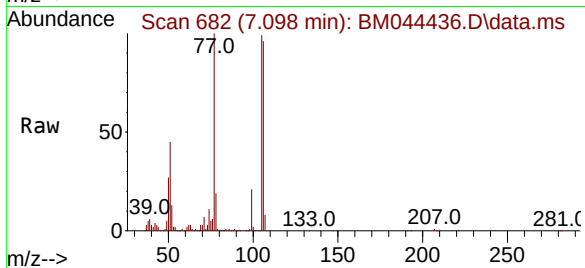




#6
Benzaldehyde
Concen: 36.433 ng/ul
RT: 7.098 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

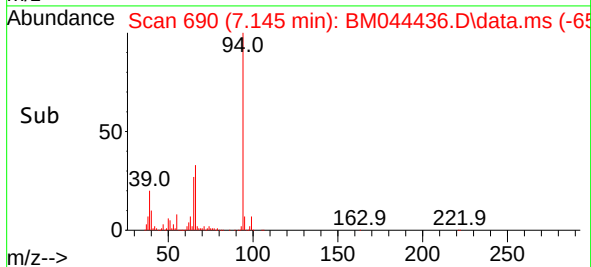
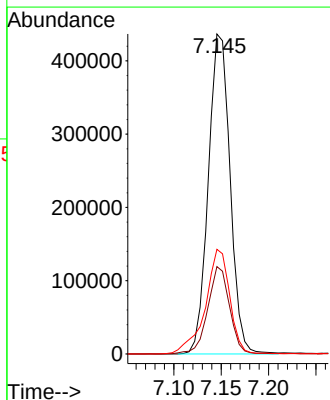
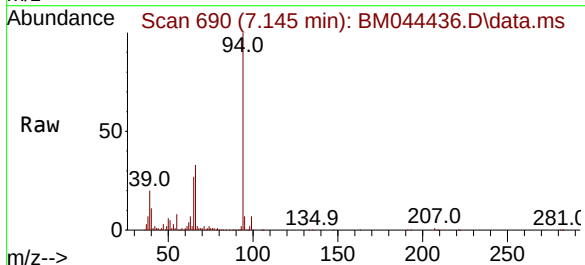
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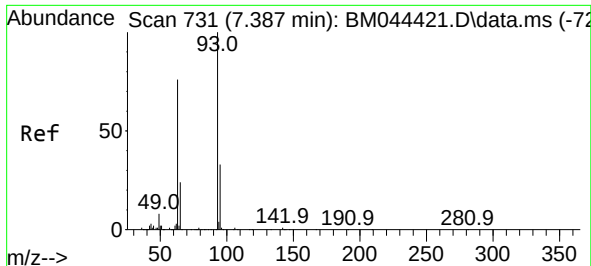
Tgt Ion: 77 Resp: 316327
Ion Ratio Lower Upper
77 100
105 98.8 79.0 118.6
106 96.0 77.4 116.2



#8
Phenol
Concen: 33.584 ng/ul
RT: 7.145 min Scan# 690
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion: 94 Resp: 698259
Ion Ratio Lower Upper
94 100
65 27.3 20.6 31.0
66 32.7 25.4 38.0

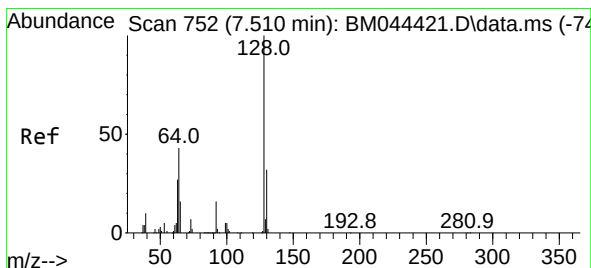
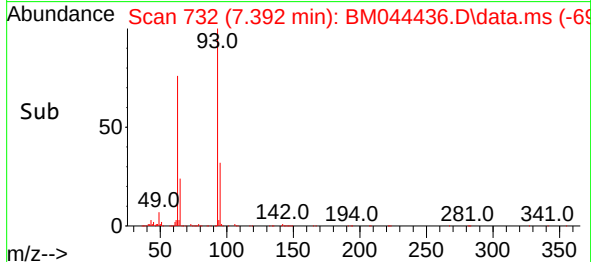
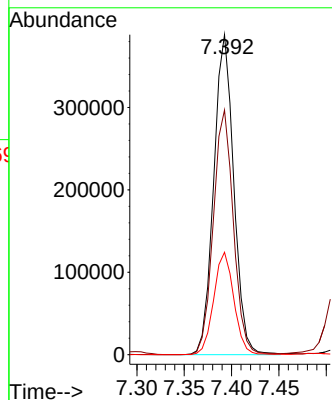
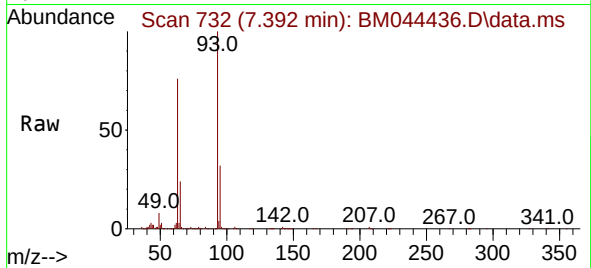




#10
Bis(2-Chloroethyl)ether
Concen: 32.867 ng/ul
RT: 7.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

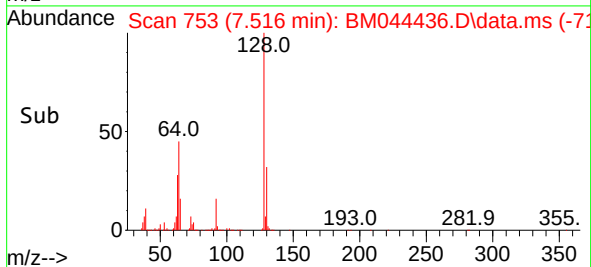
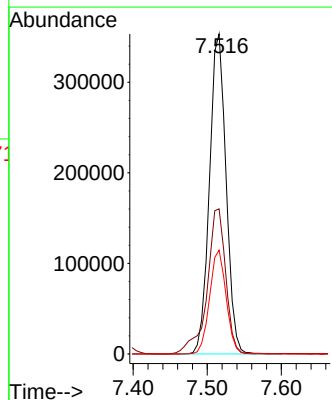
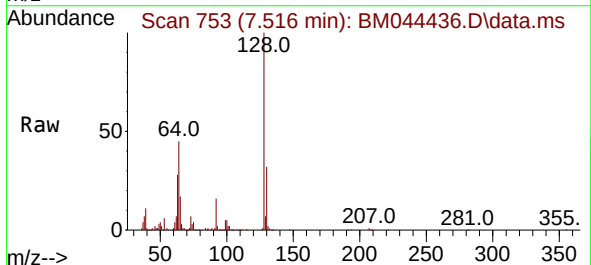
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ClientSampleId :
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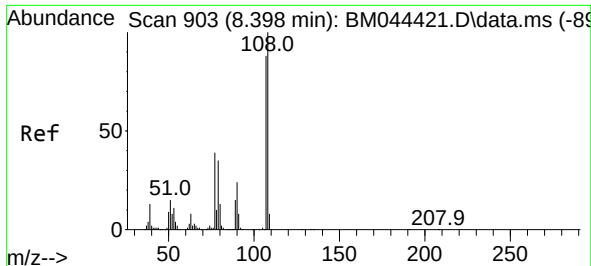
Tgt Ion: 93 Resp: 571977
Ion Ratio Lower Upper
93 100
63 76.4 61.0 91.6
95 32.0 25.1 37.7



#12
2-Chlorophenol
Concen: 35.324 ng/ul
RT: 7.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:128 Resp: 550532
Ion Ratio Lower Upper
128 100
64 45.3 39.0 58.6
130 32.4 25.4 38.0





#13

2-Methylphenol

Concen: 33.792 ng/ul

RT: 8.404 min Scan# 904

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

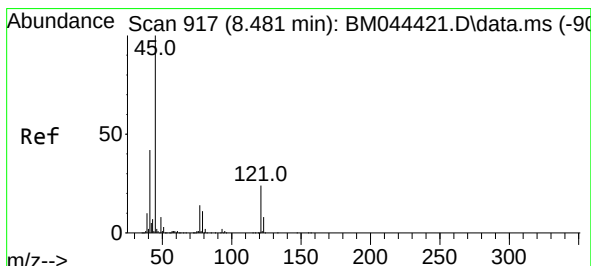
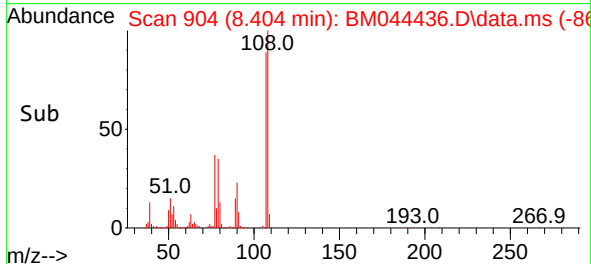
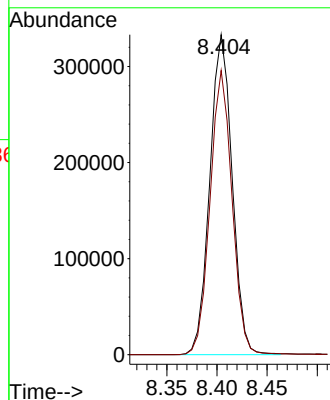
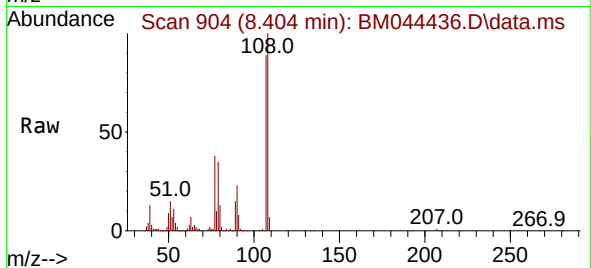
SLCS338

Tgt Ion:108 Resp: 517608

Ion Ratio Lower Upper

108 100

107 88.8 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.176 ng/ul

RT: 8.486 min Scan# 918

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

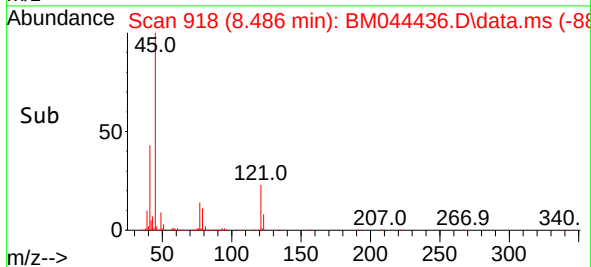
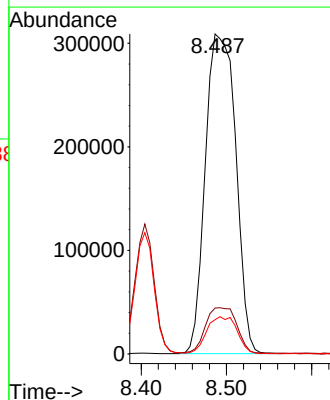
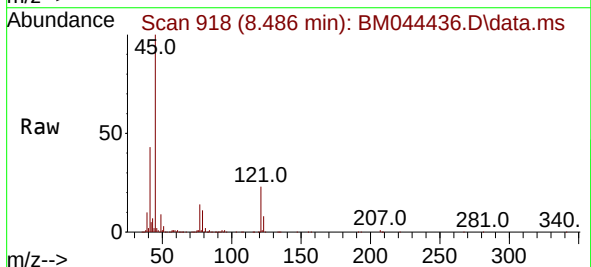
Tgt Ion: 45 Resp: 765596

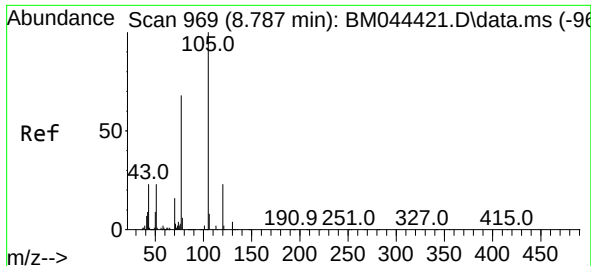
Ion Ratio Lower Upper

45 100

77 14.4 11.3 16.9

79 10.7 8.5 12.7

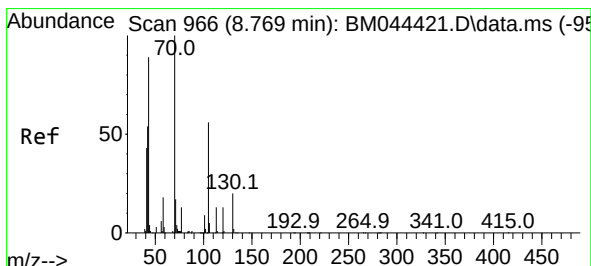
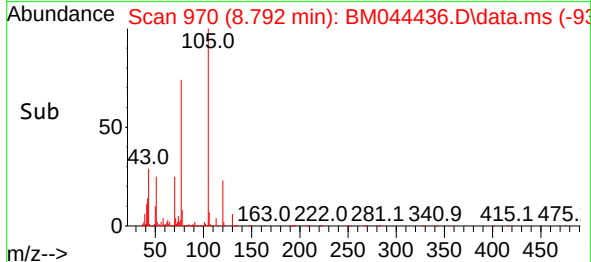
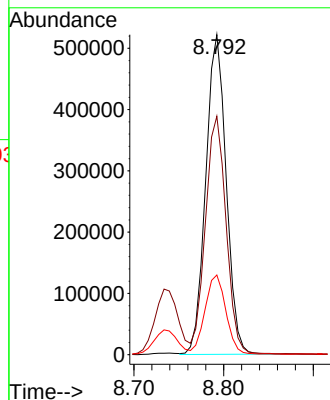
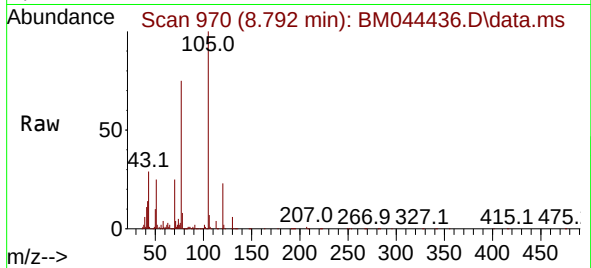




#16
Acetophenone
Concen: 34.094 ng/ul
RT: 8.792 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

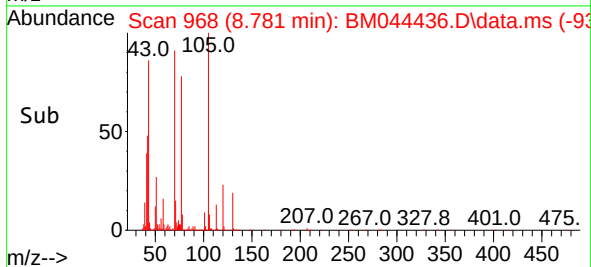
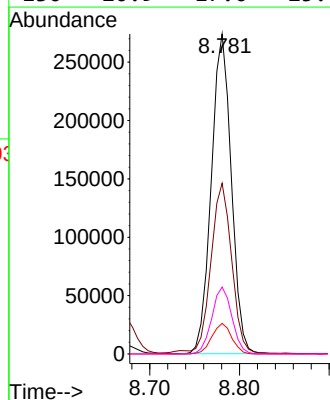
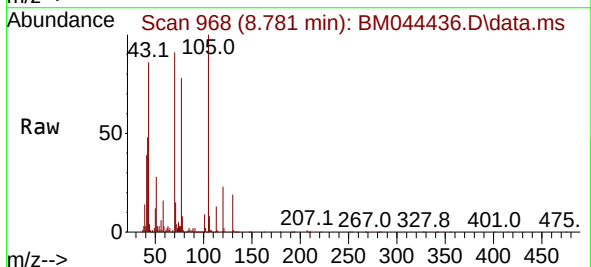
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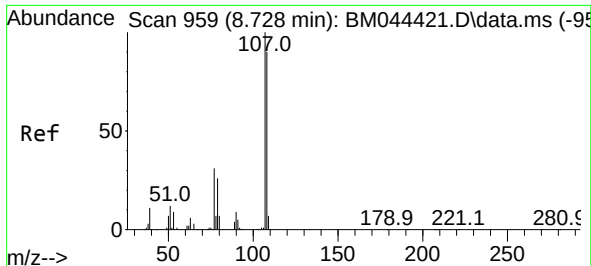
Tgt Ion:105 Resp: 824375
Ion Ratio Lower Upper
105 100
77 74.5 61.2 91.8
51 24.9 21.1 31.7



#17
N-Nitroso-di-n-propylamine
Concen: 34.982 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. 0.012 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion: 70 Resp: 423715
Ion Ratio Lower Upper
70 100
42 53.4 44.4 66.6
101 9.6 7.5 11.3
130 20.9 17.0 25.4

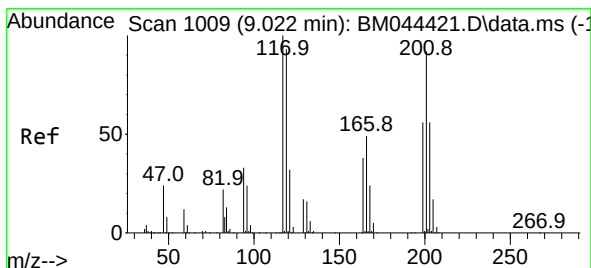
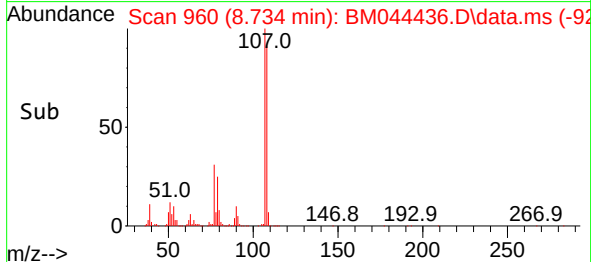
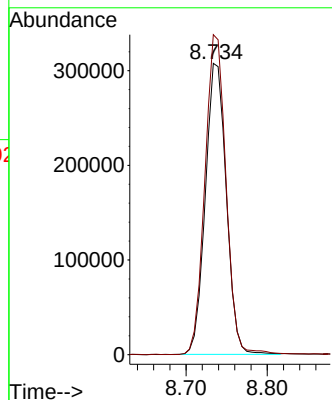
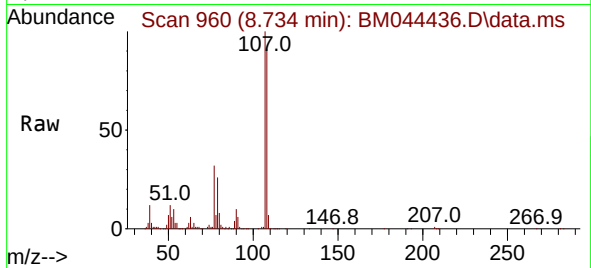




#18
4-Methylphenol
Concen: 33.824 ng/ul
RT: 8.734 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

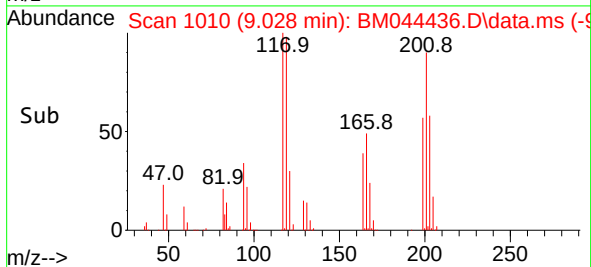
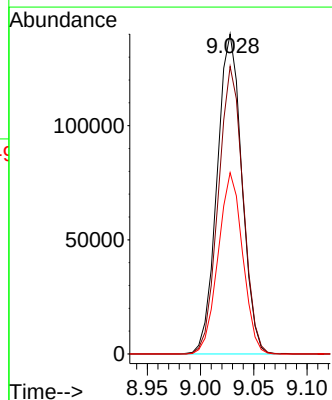
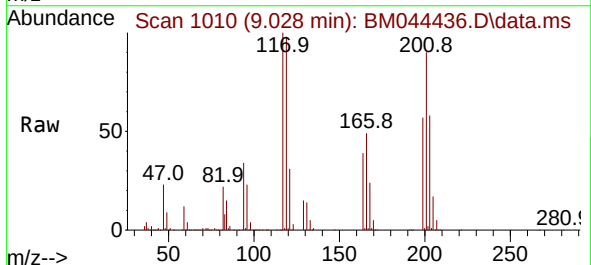
Instrument :
BNA_M
ClientSampleId :
SLCS338

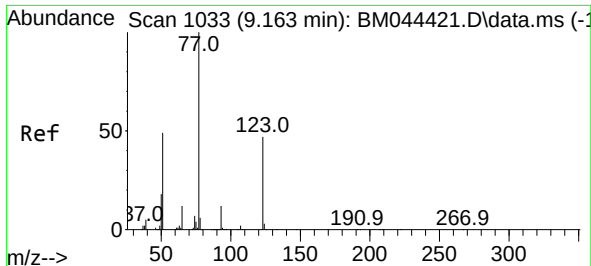
Tgt Ion:108 Resp: 551905
Ion Ratio Lower Upper
108 100
107 109.8 86.8 130.2



#19
Hexachloroethane
Concen: 34.296 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:117 Resp: 226754
Ion Ratio Lower Upper
117 100
201 89.9 69.8 104.6
199 56.6 40.8 61.2

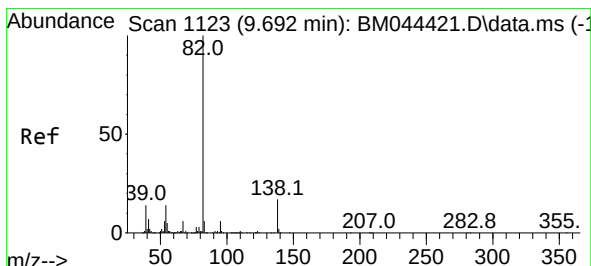
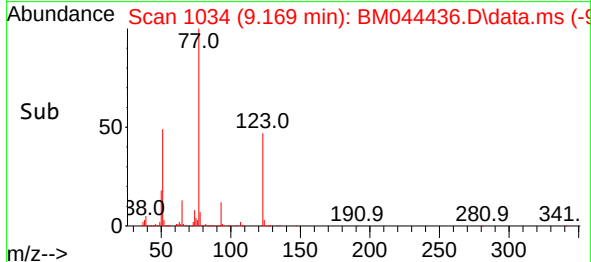
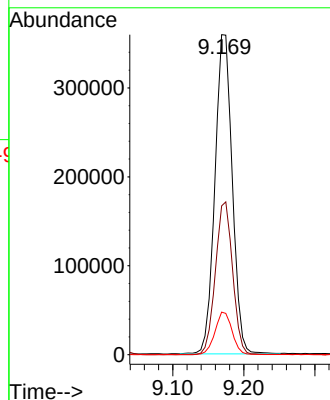
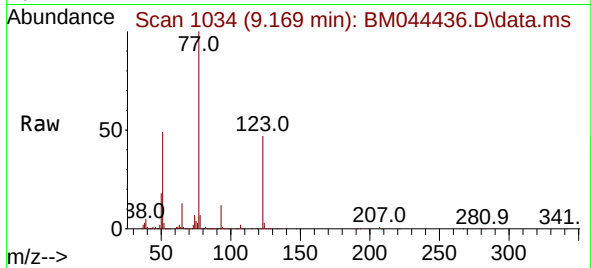




#22
Nitrobenzene
Concen: 33.653 ng/ul
RT: 9.169 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

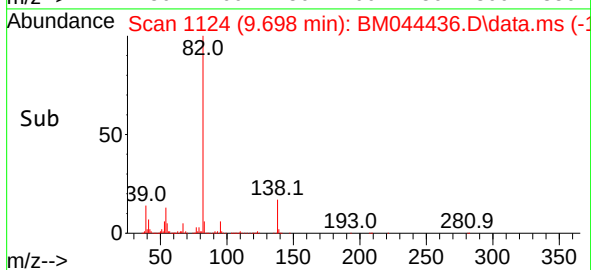
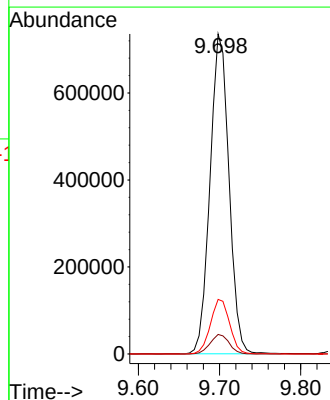
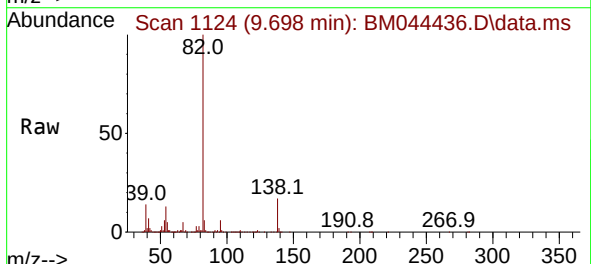
Instrument :
BNA_M
ClientSampleId :
SLCS338

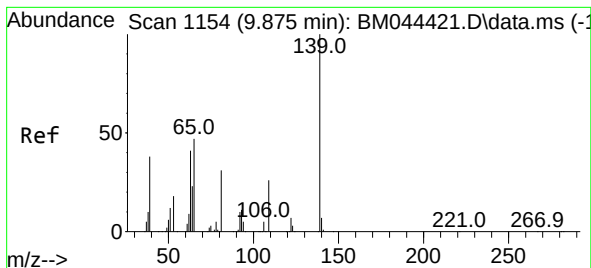
Tgt Ion: 77 Resp: 608472
Ion Ratio Lower Upper
77 100
123 46.5 36.9 55.3
65 13.3 10.2 15.2



#23
Isophorone
Concen: 33.980 ng/ul
RT: 9.698 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion: 82 Resp: 1190708
Ion Ratio Lower Upper
82 100
95 6.1 4.6 7.0
138 17.1 13.5 20.3





#25

2-Nitrophenol

Concen: 35.782 ng/ul

RT: 9.881 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

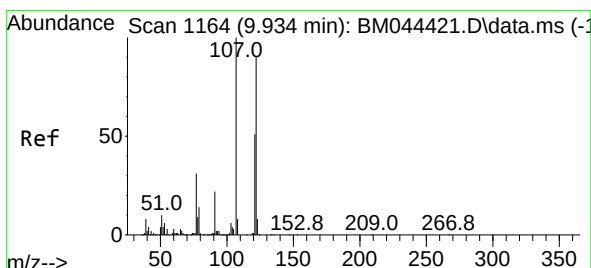
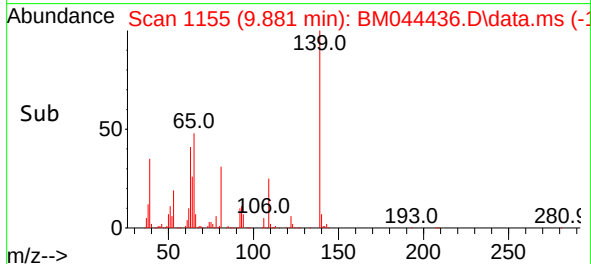
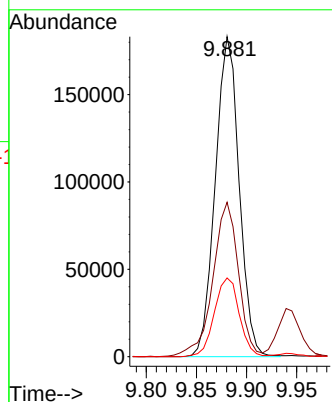
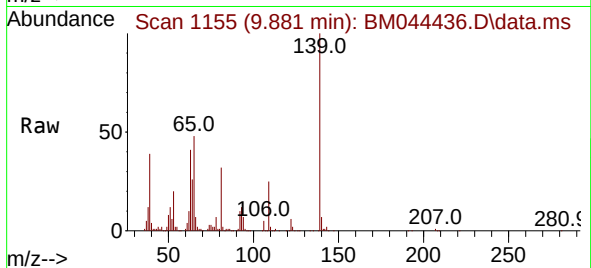
Tgt Ion:139 Resp: 302704

Ion Ratio Lower Upper

139 100

65 48.2 41.0 61.4

109 24.6 20.5 30.7



#26

2,4-Dimethylphenol

Concen: 29.913 ng/ul

RT: 9.939 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

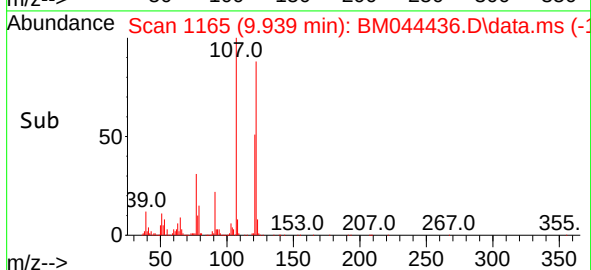
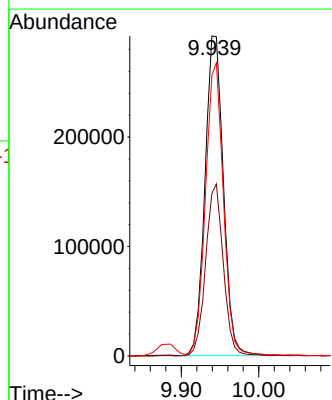
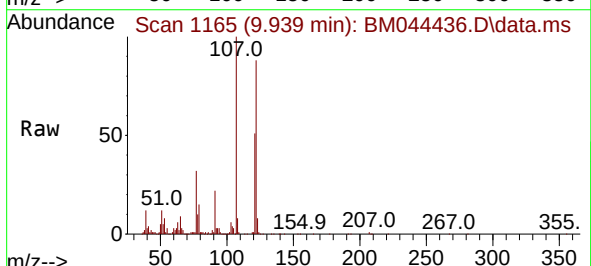
Tgt Ion:107 Resp: 483194

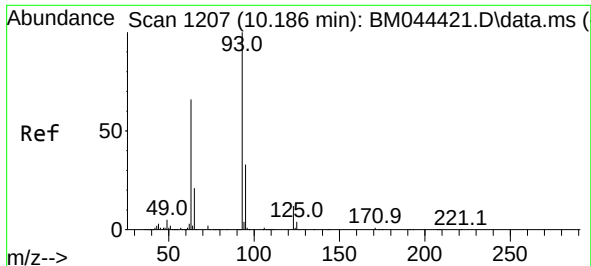
Ion Ratio Lower Upper

107 100

121 50.9 41.1 61.7

122 87.8 72.3 108.5





#27

Bis(2-Chloroethoxy)methane

Concen: 33.338 ng/ul

RT: 10.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

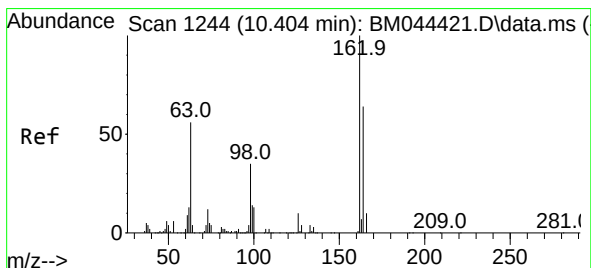
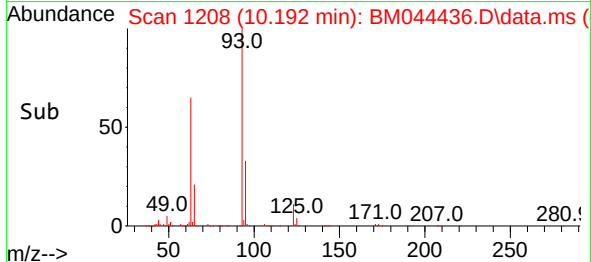
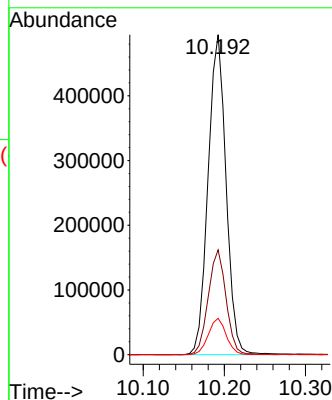
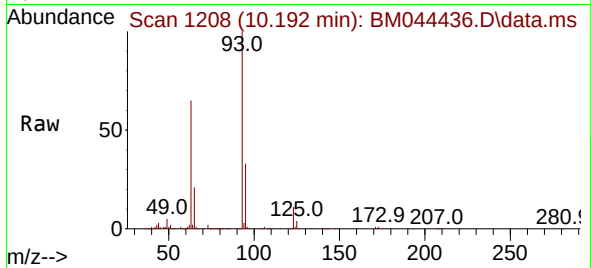
Tgt Ion: 93 Resp: 759435

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.4 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 35.063 ng/ul

RT: 10.410 min Scan# 1245

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

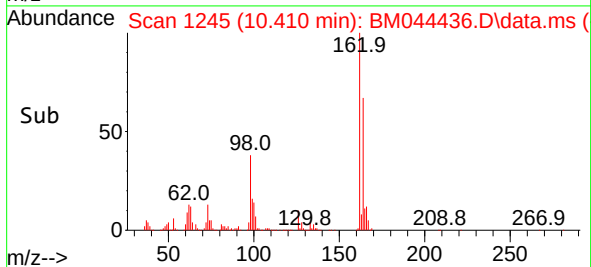
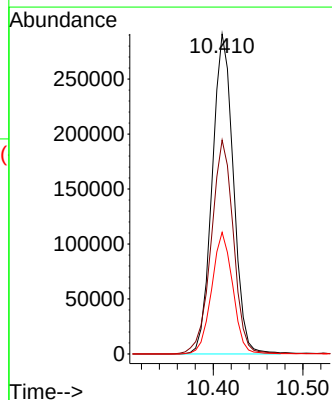
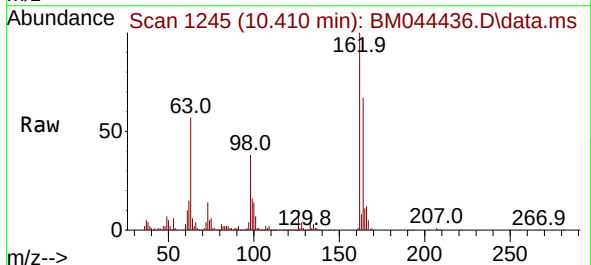
Tgt Ion:162 Resp: 477458

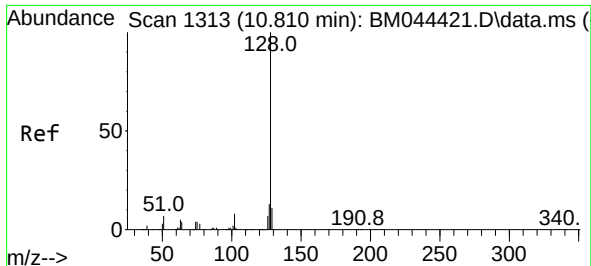
Ion Ratio Lower Upper

162 100

164 66.9 51.8 77.8

98 38.0 29.6 44.4

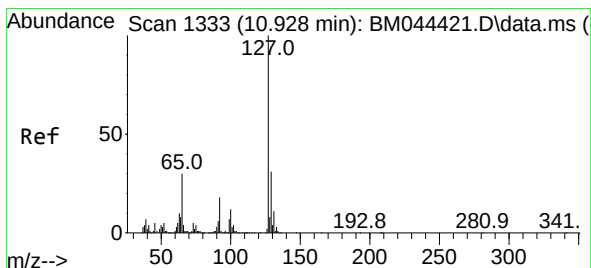
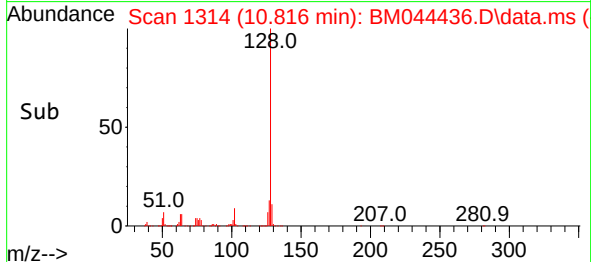
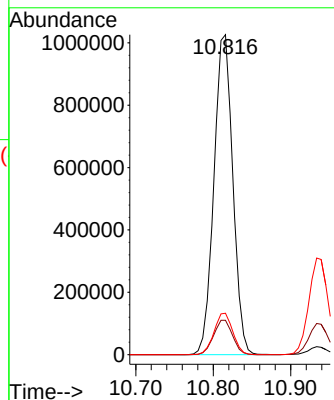
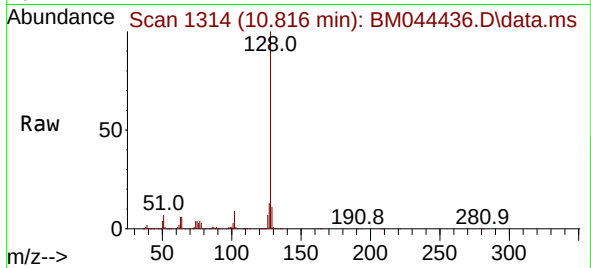




#30
Naphthalene
Concen: 33.216 ng/ul
RT: 10.816 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

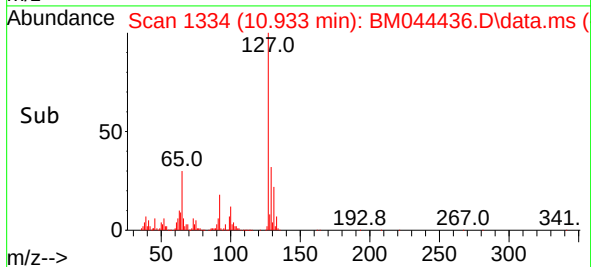
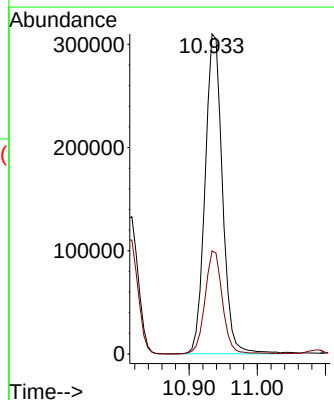
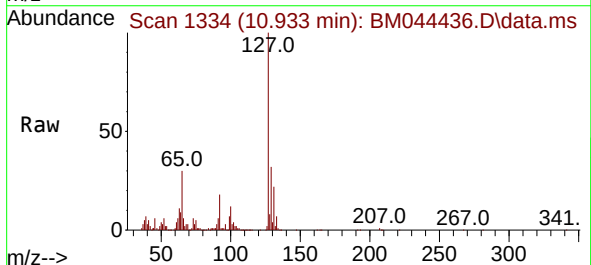
Instrument :
BNA_M
ClientSampleId :
SLCS338

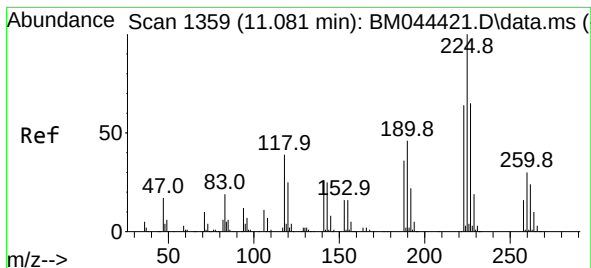
Tgt Ion:128 Resp: 1736974
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.2 15.2



#32
4-Chloroaniline
Concen: 24.905 ng/ul
RT: 10.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:127 Resp: 548423
Ion Ratio Lower Upper
127 100
129 32.2 25.3 37.9





#33

Hexachlorobutadiene

Concen: 33.515 ng/ul

RT: 11.086 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

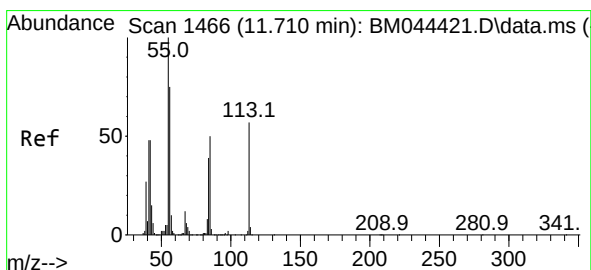
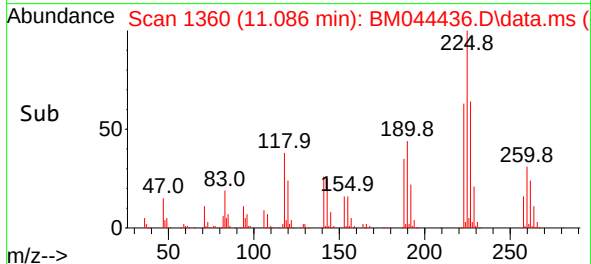
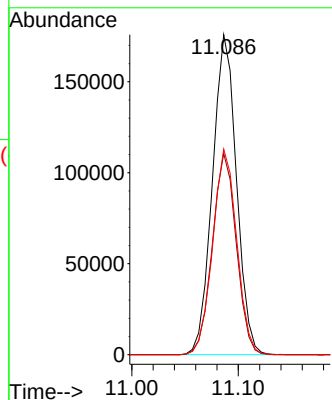
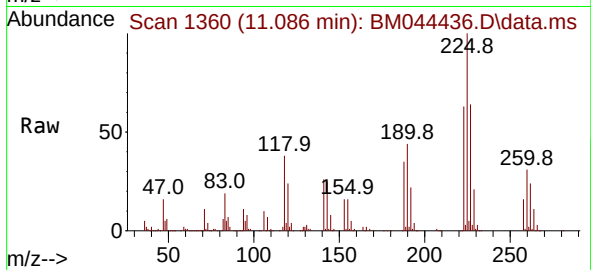
Tgt Ion:225 Resp: 274949

Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

227 64.3 52.2 78.2



#34

Caprolactam

Concen: 33.945 ng/ul

RT: 11.722 min Scan# 1468

Delta R.T. 0.012 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

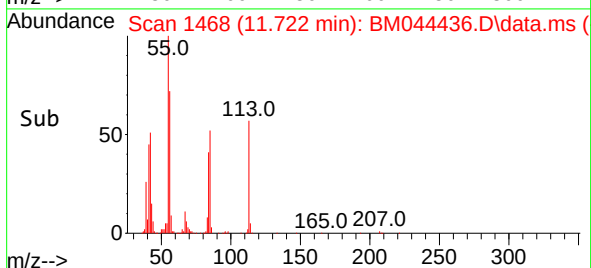
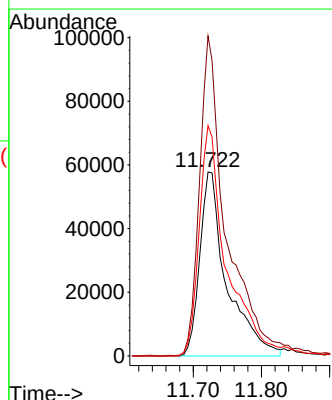
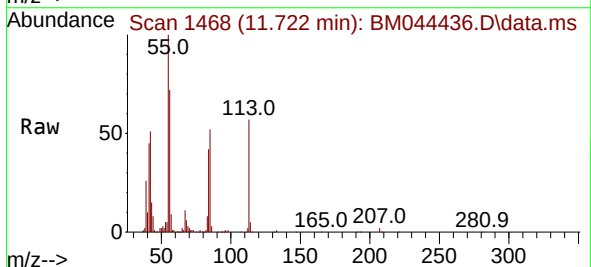
Tgt Ion:113 Resp: 159782

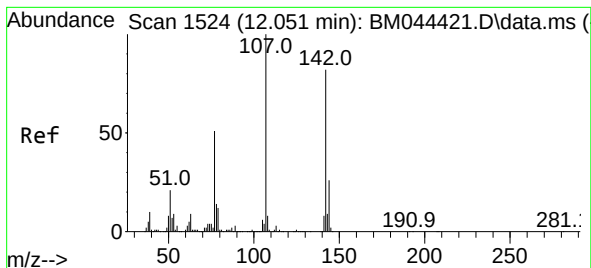
Ion Ratio Lower Upper

113 100

55 174.0 140.7 211.1

56 125.1 102.4 153.6

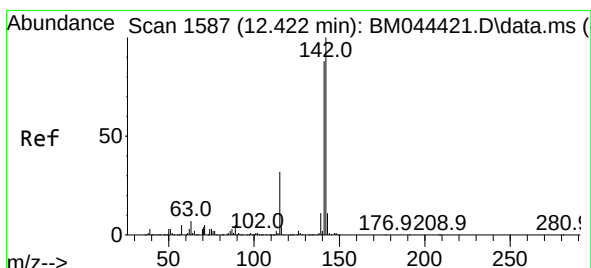
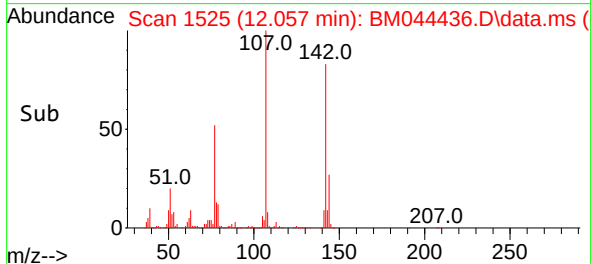
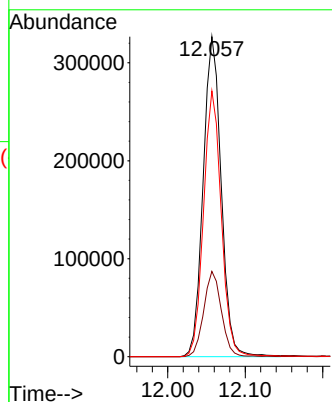
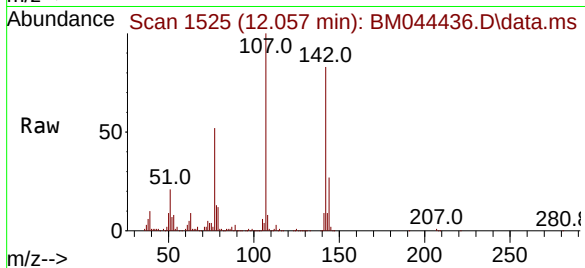




#35
4-Chloro-3-methylphenol
Concen: 36.495 ng/ul
RT: 12.057 min Scan# 1524
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

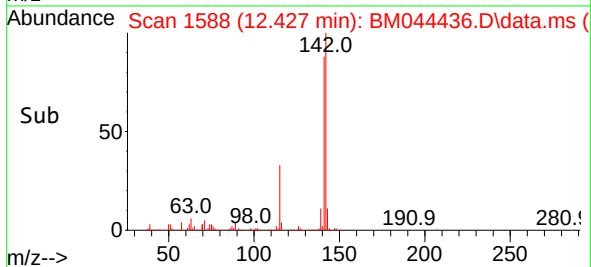
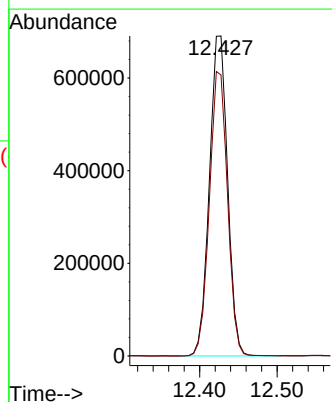
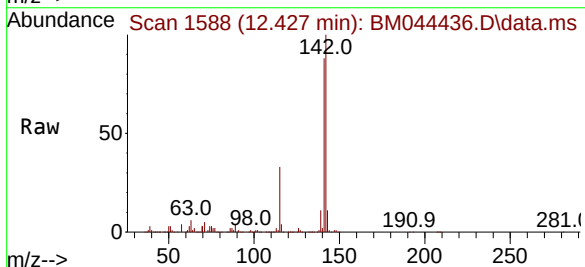
Instrument :
BNA_M
ClientSampleId :
SLCS338

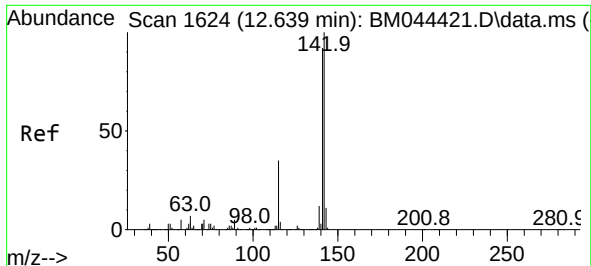
Tgt Ion:107 Resp: 529459
Ion Ratio Lower Upper
107 100
144 26.7 20.6 30.8
142 83.0 64.3 96.5



#36
2-Methylnaphthalene
Concen: 33.848 ng/ul
RT: 12.427 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:142 Resp: 1127438
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7

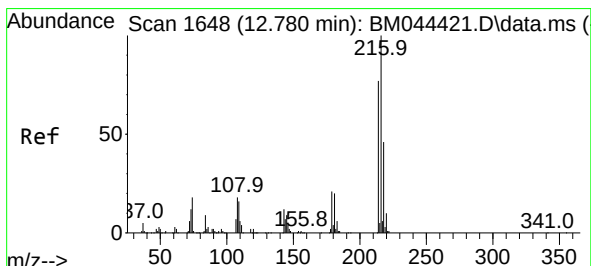
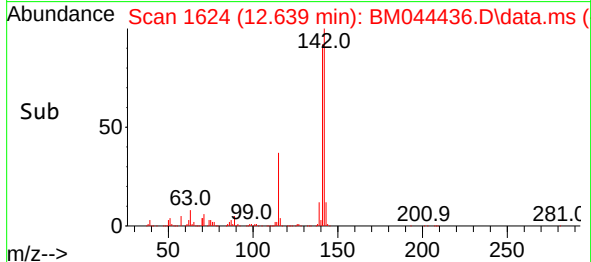
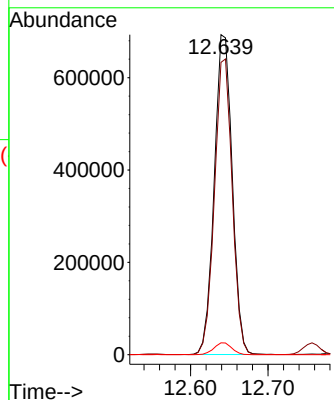
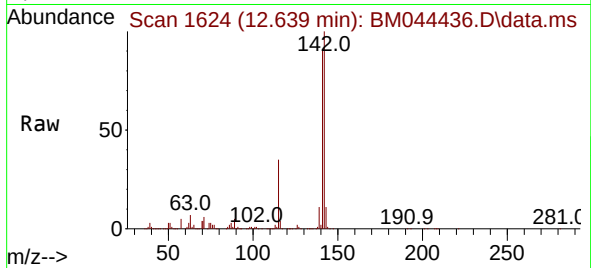




#37
1-Methylnaphthalene
Concen: 33.848 ng/ul
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

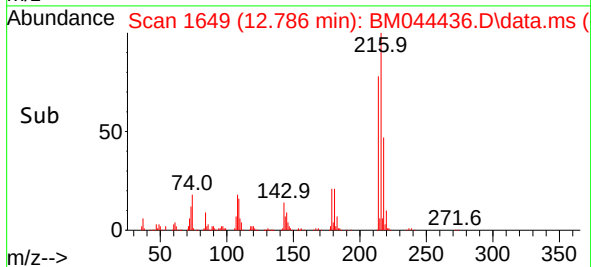
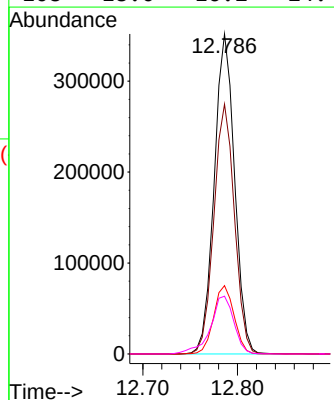
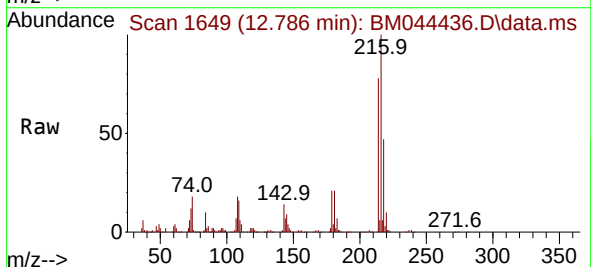
Instrument :
BNA_M
ClientSampleId :
SLCS338

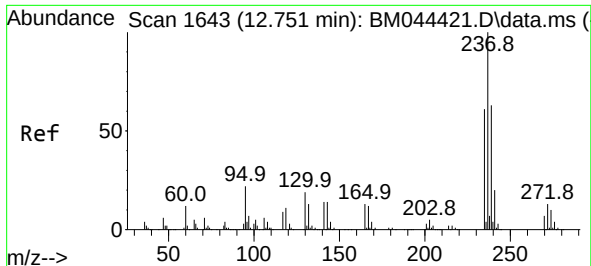
Tgt Ion:142 Resp: 1114525
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4
116 3.7 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.557 ng/ul
RT: 12.786 min Scan# 1649
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:216 Resp: 527214
Ion Ratio Lower Upper
216 100
214 78.0 63.9 95.9
179 21.3 17.5 26.3
108 18.0 16.2 24.4

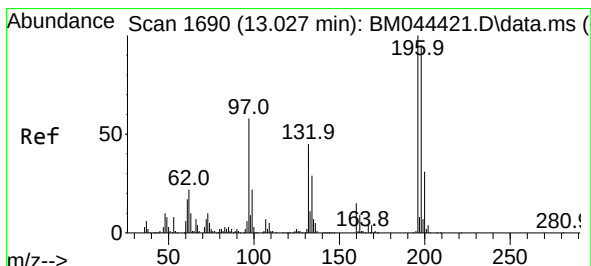
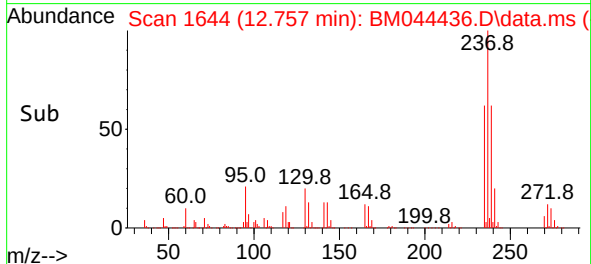
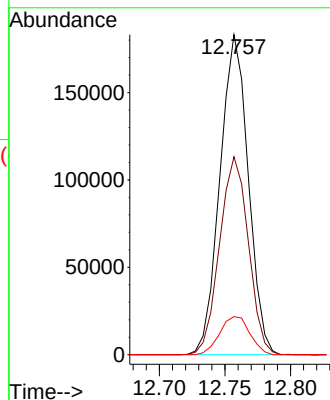
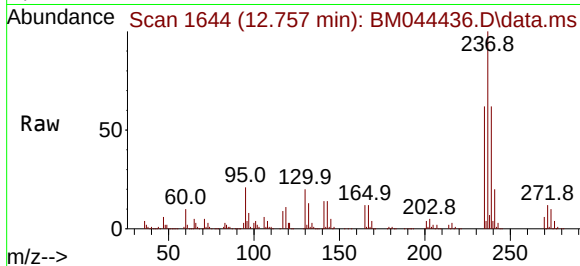




#40
Hexachlorocyclopentadiene
Concen: 26.757 ng/ul
RT: 12.757 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

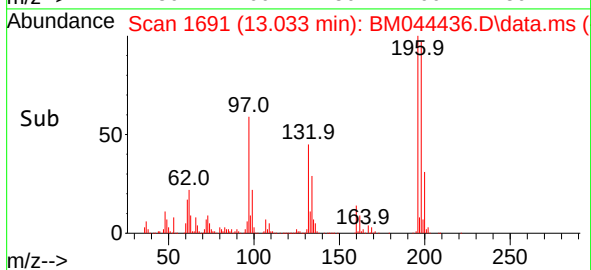
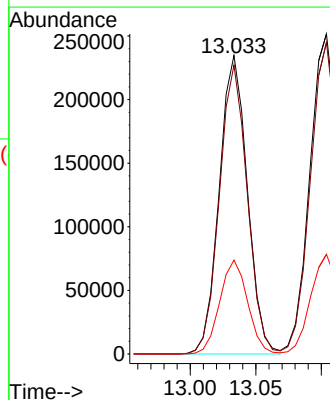
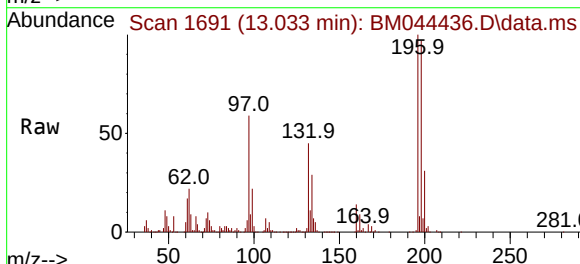
Instrument :
BNA_M
ClientSampleId :
SLCS338

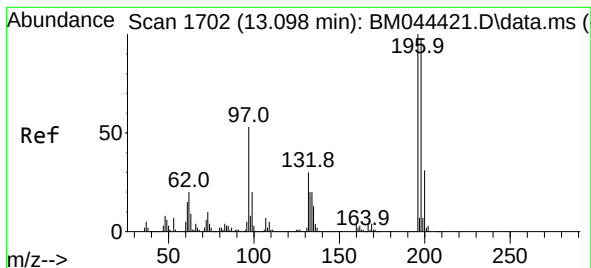
Tgt Ion:237 Resp: 274651
Ion Ratio Lower Upper
237 100
235 61.9 49.4 74.2
272 12.6 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 35.936 ng/ul
RT: 13.033 min Scan# 1691
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:196 Resp: 349463
Ion Ratio Lower Upper
196 100
198 96.8 76.1 114.1
200 31.5 25.1 37.7

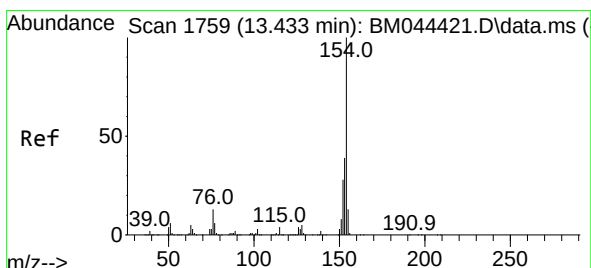
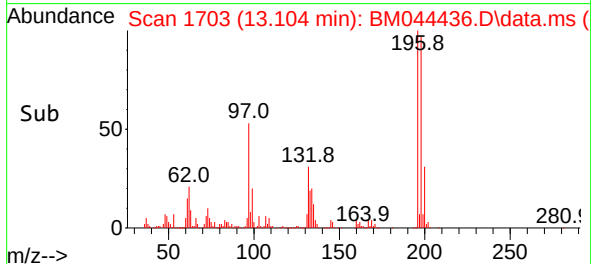
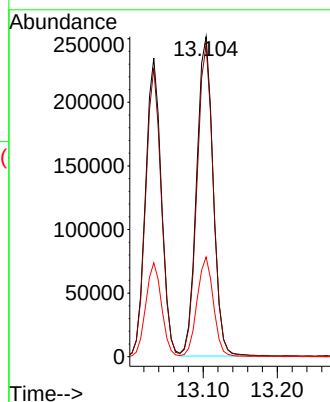
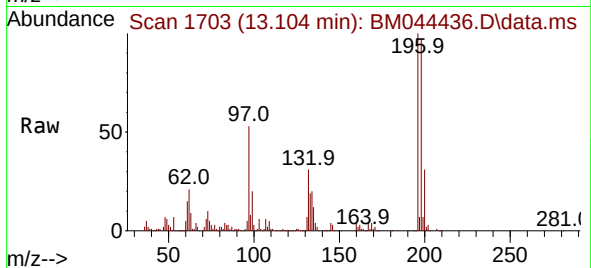




#42
2,4,5-Trichlorophenol
Concen: 36.949 ng/ul
RT: 13.104 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

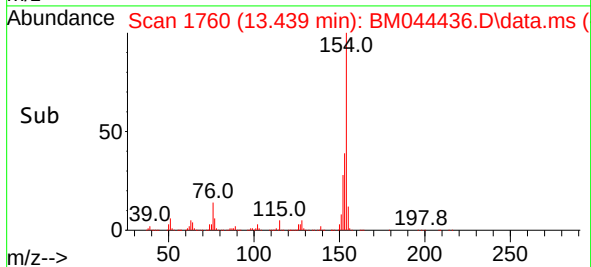
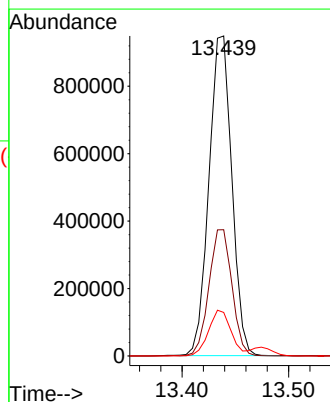
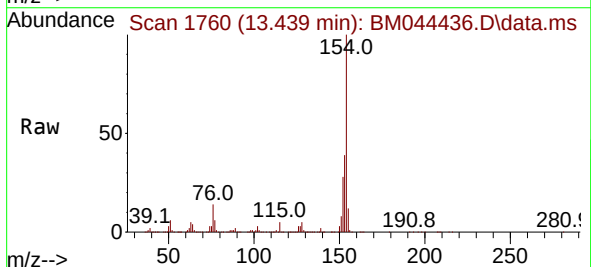
Instrument :
BNA_M
ClientSampleId :
SLCS338

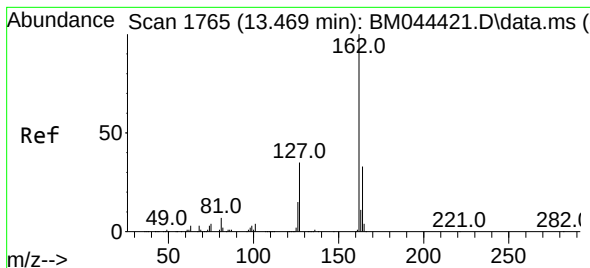
Tgt Ion:196 Resp: 388431
Ion Ratio Lower Upper
196 100
198 97.3 77.4 116.2
200 31.2 25.6 38.4



#43
1,1'-Biphenyl
Concen: 33.747 ng/ul
RT: 13.439 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:154 Resp: 1415933
Ion Ratio Lower Upper
154 100
153 39.5 32.4 48.6
76 13.6 11.6 17.4





#44

2-Chloronaphthalene

Concen: 34.472 ng/ul

RT: 13.474 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

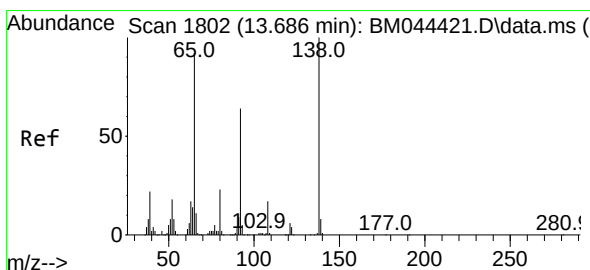
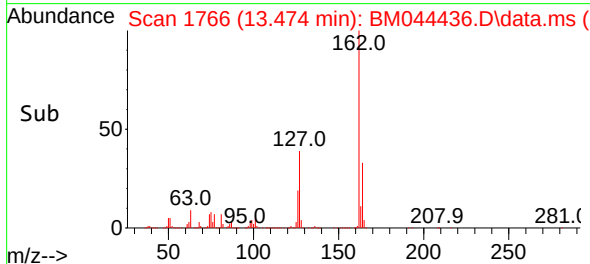
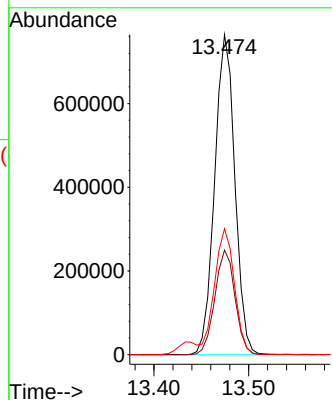
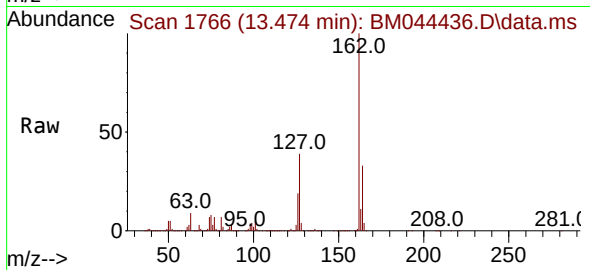
Tgt Ion:162 Resp: 1132483

Ion Ratio Lower Upper

162 100

164 32.7 26.1 39.1

127 39.3 30.9 46.3



#45

2-Nitroaniline

Concen: 37.912 ng/ul

RT: 13.692 min Scan# 1803

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

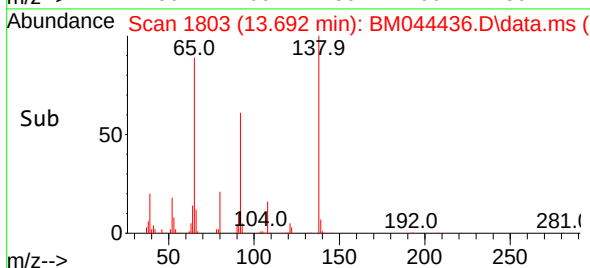
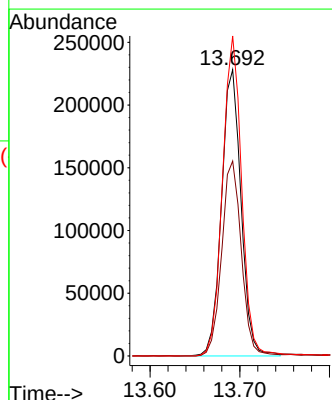
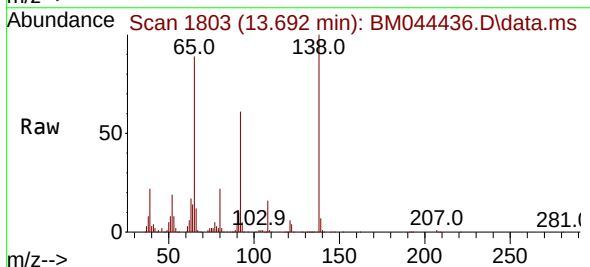
Tgt Ion: 65 Resp: 344836

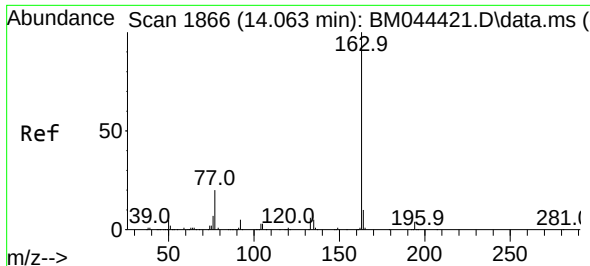
Ion Ratio Lower Upper

65 100

92 68.1 52.5 78.7

138 111.8 86.4 129.6

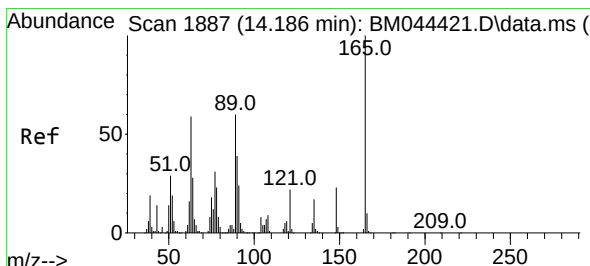
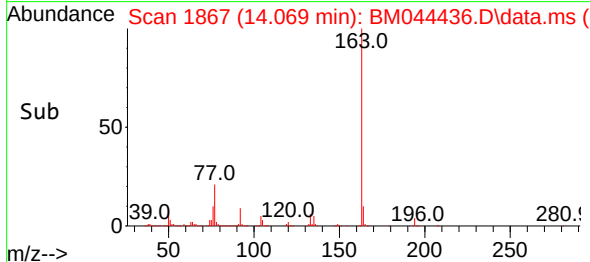
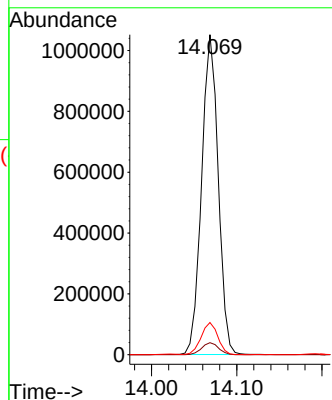
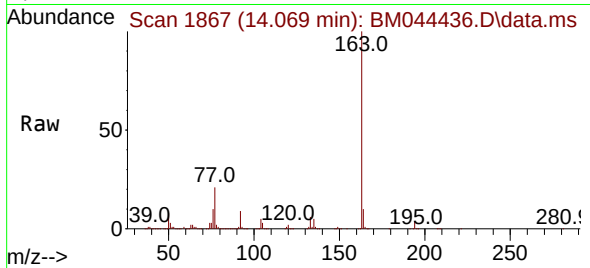




#47
Dimethylphthalate
Concen: 35.019 ng/ul
RT: 14.069 min Scan# 1866
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

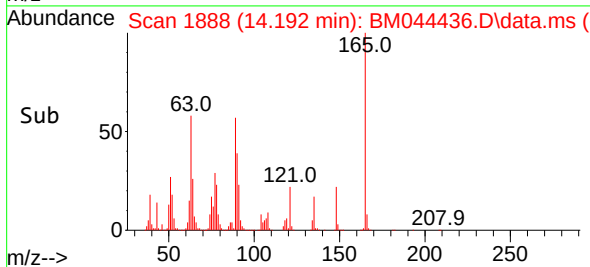
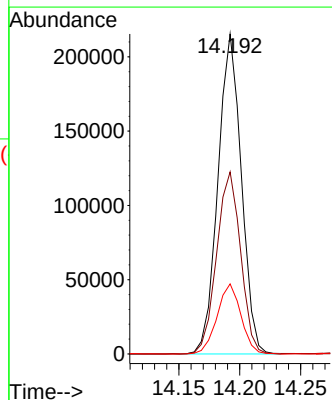
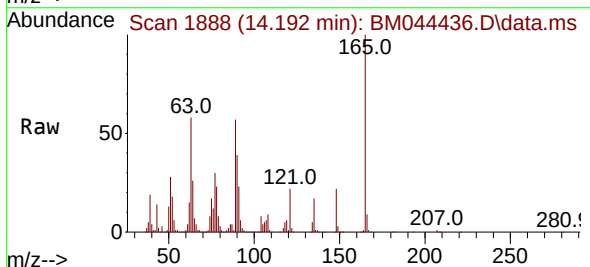
Instrument :
BNA_M
ClientSampleId :
SLCS338

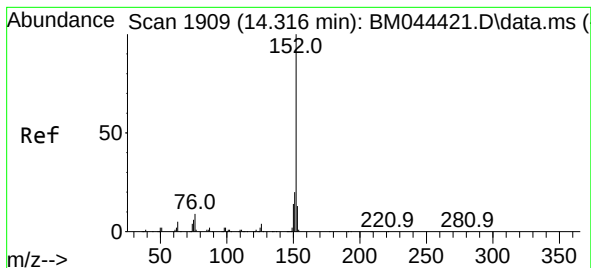
Tgt Ion:163 Resp: 1422590
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 37.859 ng/ul
RT: 14.192 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:165 Resp: 287618
Ion Ratio Lower Upper
165 100
89 56.9 48.2 72.2
121 21.9 18.7 28.1





#50

Acenaphthylene

Concen: 34.950 ng/ul

RT: 14.321 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

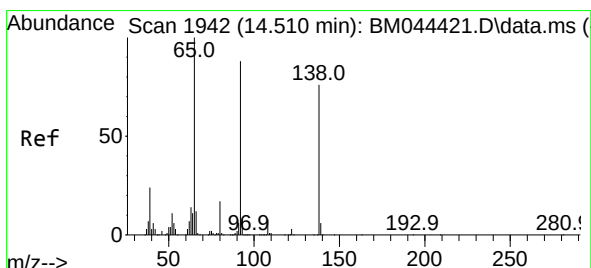
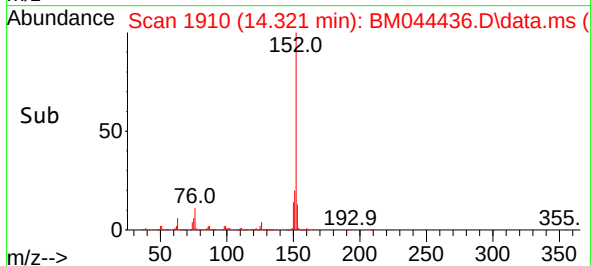
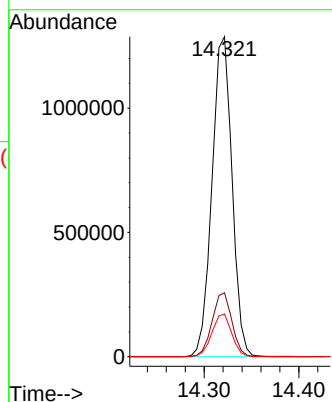
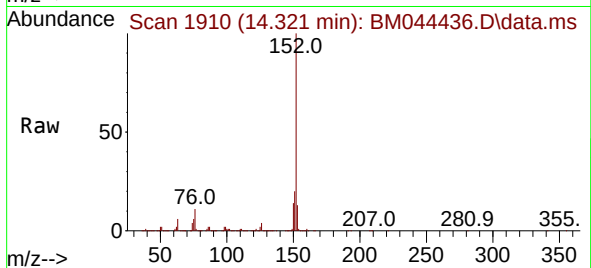
Tgt Ion:152 Resp: 1893151

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.3 10.4 15.6



#51

3-Nitroaniline

Concen: 38.327 ng/ul

RT: 14.516 min Scan# 1943

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

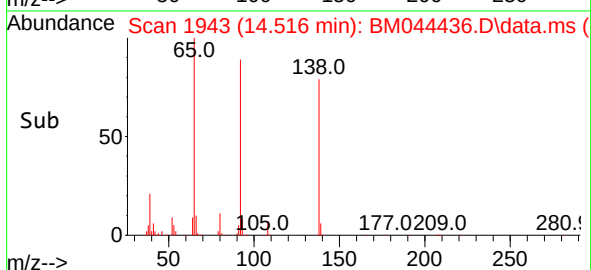
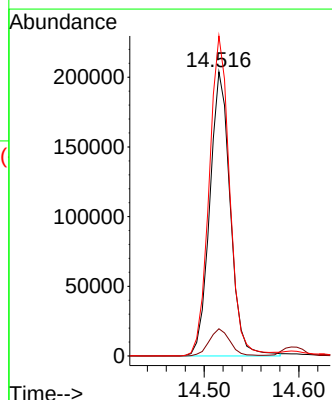
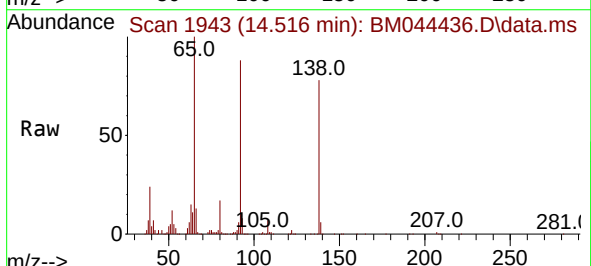
Tgt Ion:138 Resp: 307184

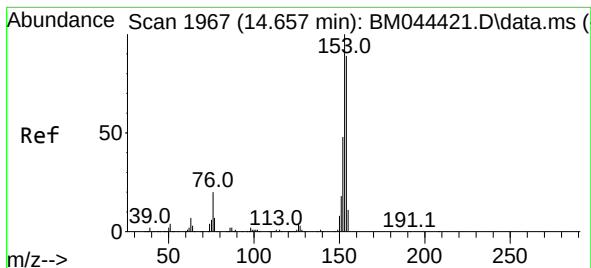
Ion Ratio Lower Upper

138 100

108 9.6 8.6 12.8

92 112.6 93.8 140.6





#52

Acenaphthene

Concen: 34.213 ng/ul

RT: 14.657 min Scan# 1967

Delta R.T. -0.000 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

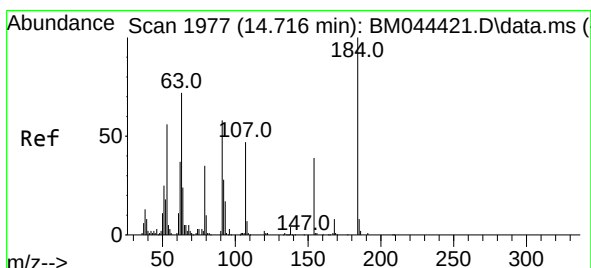
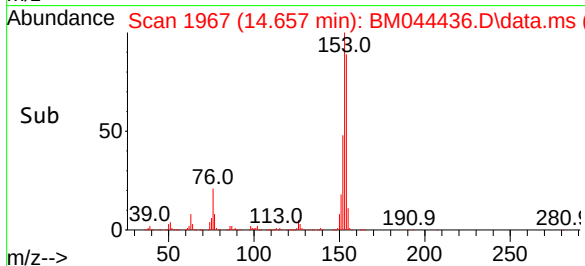
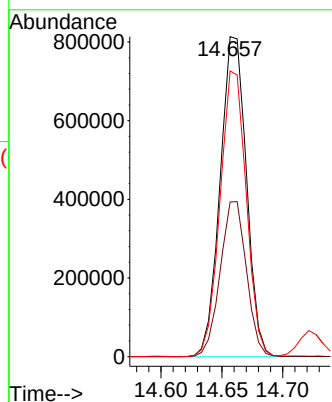
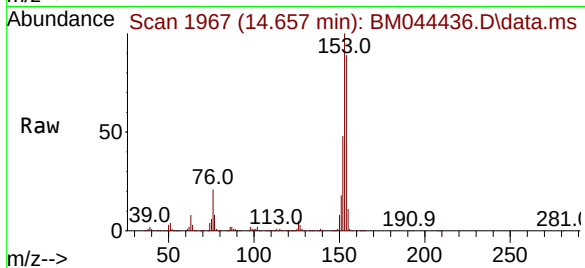
Tgt Ion:153 Resp: 1223434

Ion Ratio Lower Upper

153 100

152 48.4 38.5 57.7

154 89.3 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 31.431 ng/ul

RT: 14.721 min Scan# 1978

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

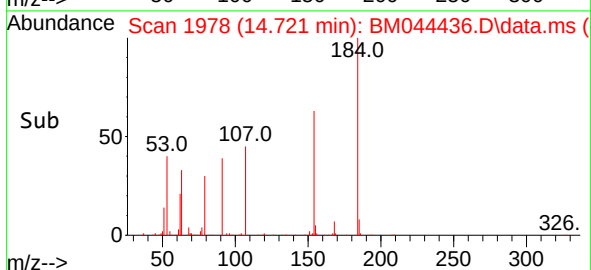
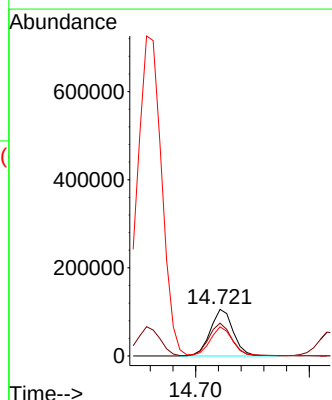
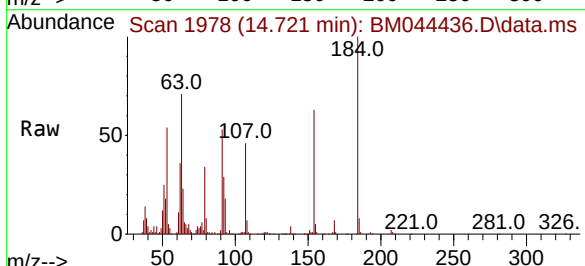
Tgt Ion:184 Resp: 148173

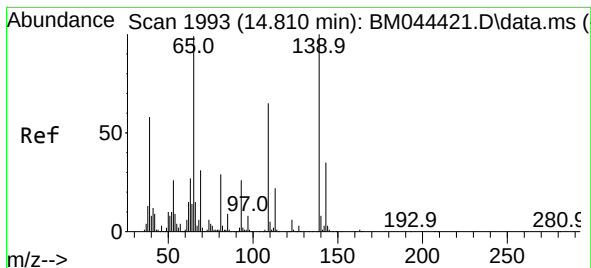
Ion Ratio Lower Upper

184 100

63 70.5 58.4 87.6

154 62.6 46.4 69.6

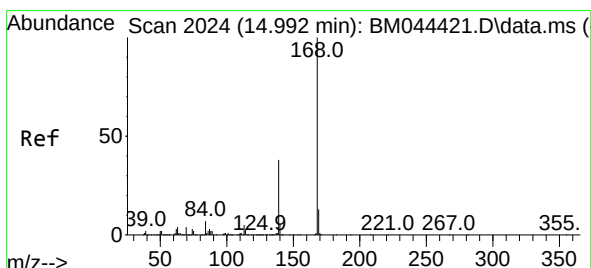
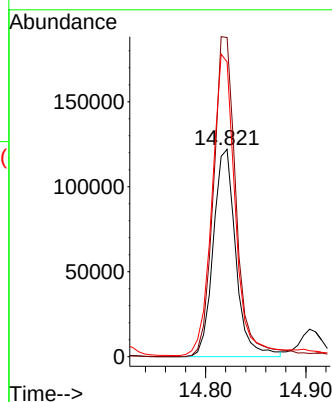
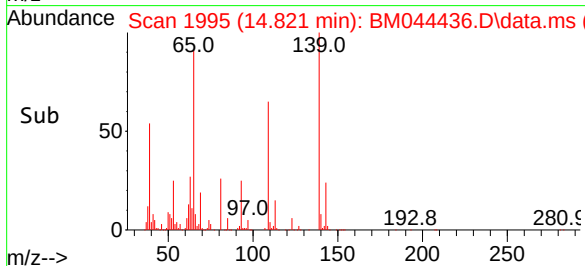
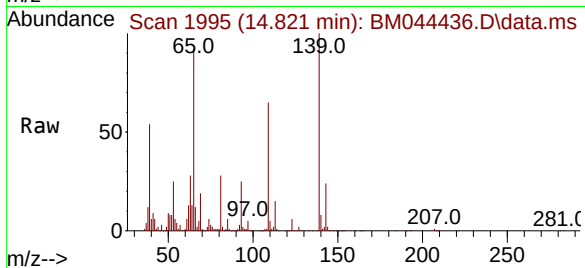




#55
4-Nitrophenol
Concen: 34.939 ng/ul
RT: 14.821 min Scan# 1995
Delta R.T. 0.012 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

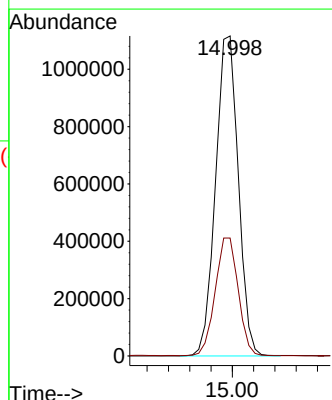
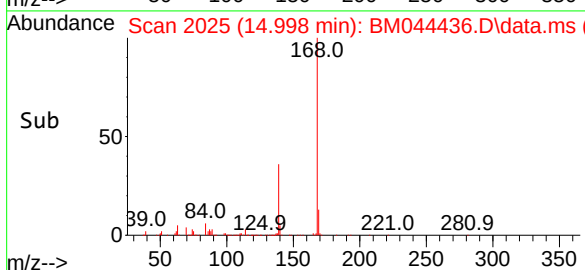
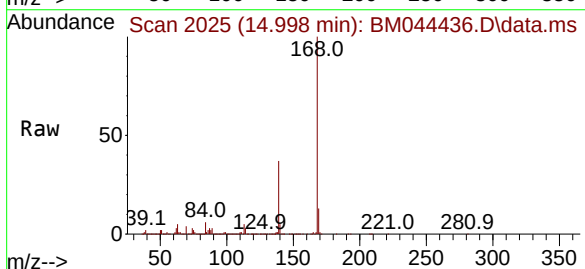
Instrument :
BNA_M
ClientSampleId :
SLCS338

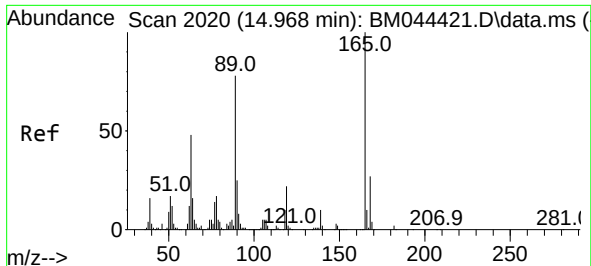
Tgt Ion:109 Resp: 189842
Ion Ratio Lower Upper
109 100
139 154.0 123.0 184.6
65 142.1 122.2 183.2



#56
Dibenzofuran
Concen: 34.418 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:168 Resp: 1652200
Ion Ratio Lower Upper
168 100
139 36.8 29.9 44.9

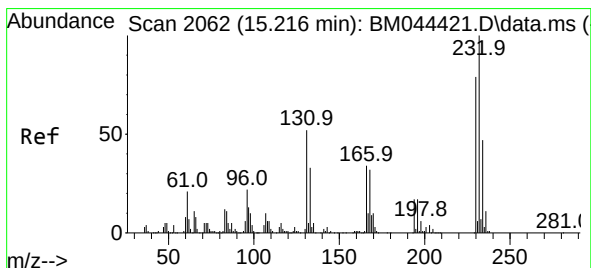
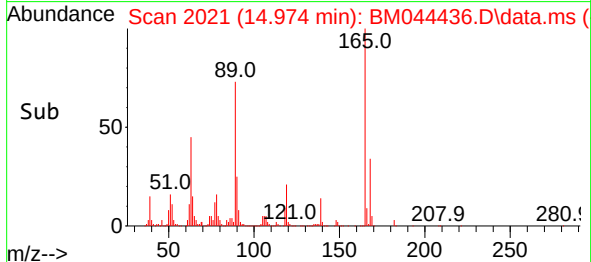
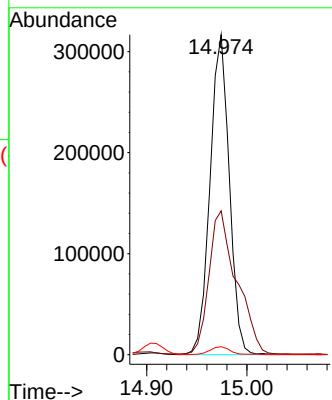
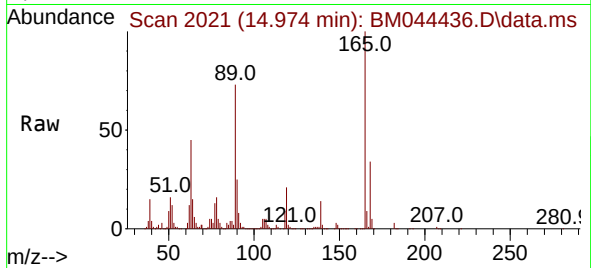




#57
2,4-Dinitrotoluene
Concen: 38.798 ng/ul
RT: 14.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

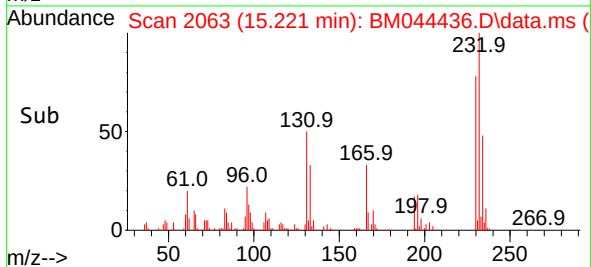
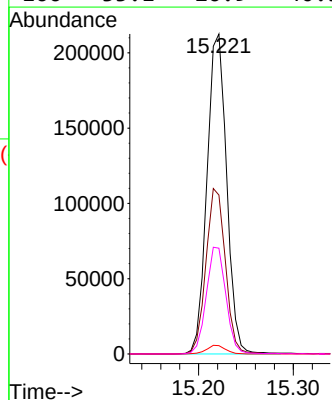
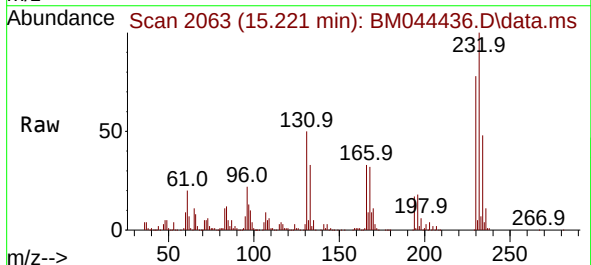
Instrument :
BNA_M
ClientSampleId :
SLCS338

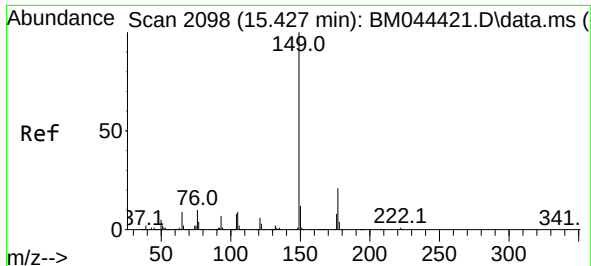
Tgt Ion:165 Resp: 423459
Ion Ratio Lower Upper
165 100
63 44.9 37.9 56.9
182 2.5 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.138 ng/ul
RT: 15.221 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:232 Resp: 305739
Ion Ratio Lower Upper
232 100
131 49.6 41.9 62.9
130 2.6 1.8 2.8
166 33.1 26.9 40.3

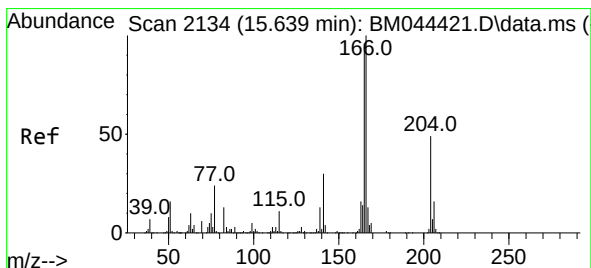
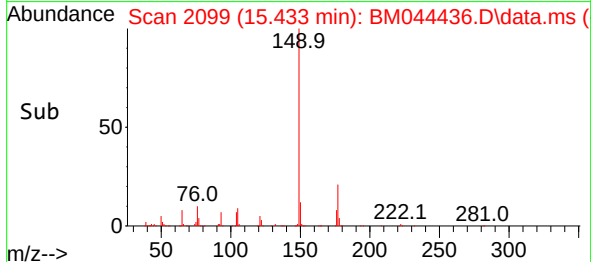
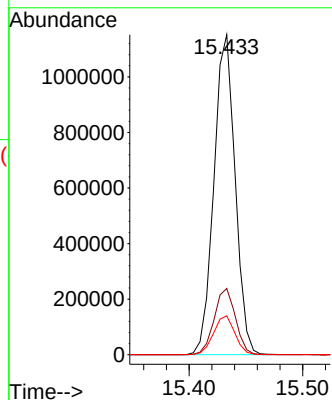
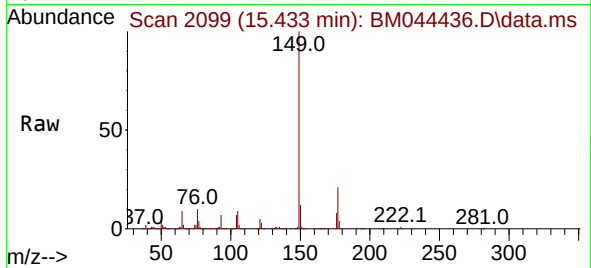




#59
Diethylphthalate
Concen: 35.725 ng/ul
RT: 15.433 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

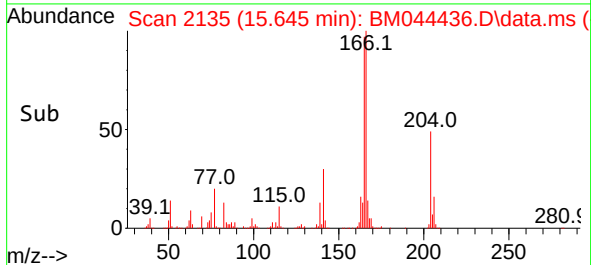
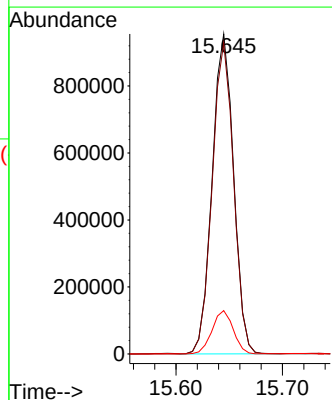
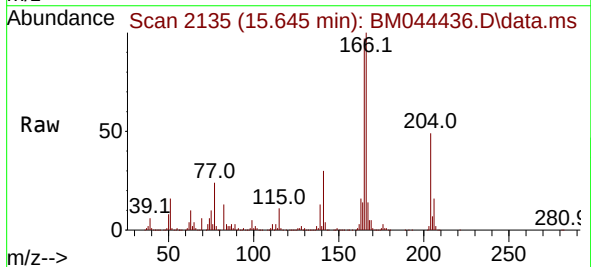
Instrument :
BNA_M
ClientSampleId :
SLCS338

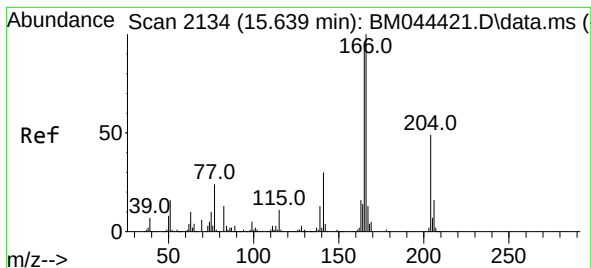
Tgt Ion:149 Resp: 1493893
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 12.1 9.6 14.4



#61
Fluorene
Concen: 34.528 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:166 Resp: 1331267
Ion Ratio Lower Upper
166 100
165 97.3 77.4 116.0
167 13.5 10.8 16.2

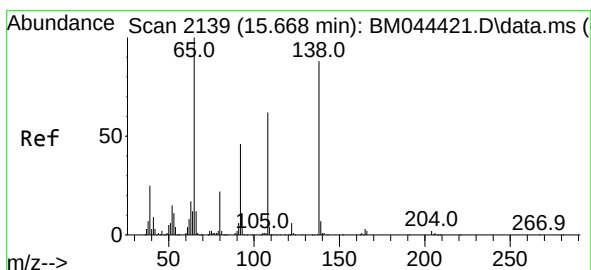
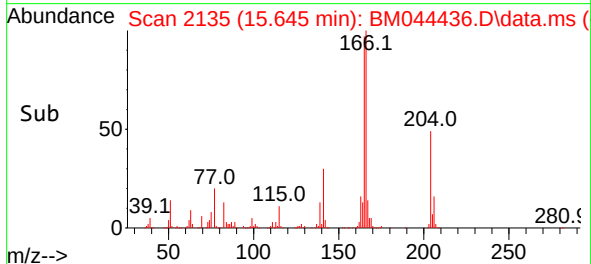
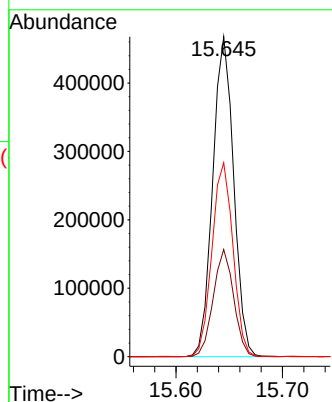
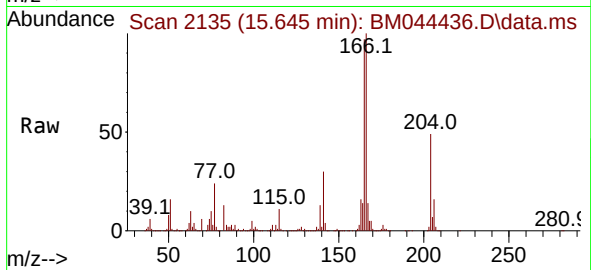




#62
4-Chlorophenyl-phenylether
Concen: 35.086 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

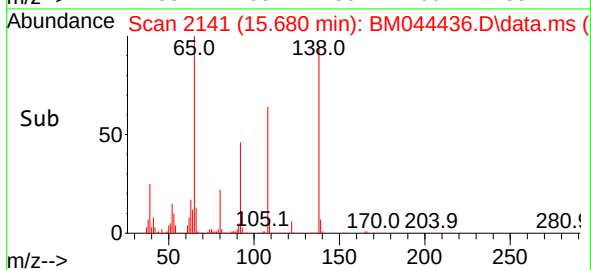
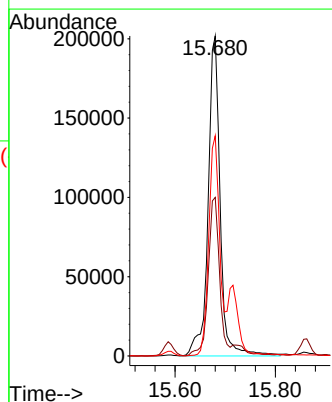
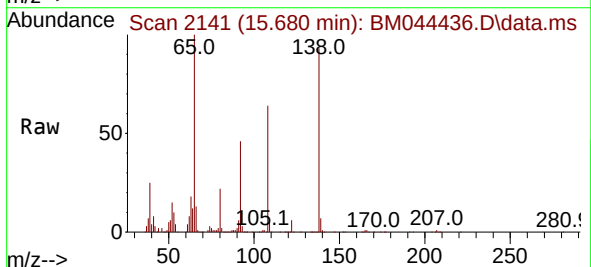
Instrument :
BNA_M
ClientSampleId :
SLCS338

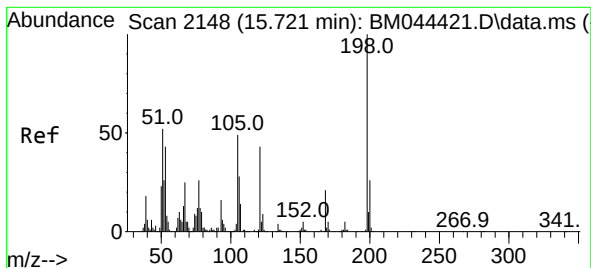
Tgt Ion:204 Resp: 637545
Ion Ratio Lower Upper
204 100
206 33.5 26.9 40.3
141 60.6 48.3 72.5



#63
4-Nitroaniline
Concen: 43.719 ng/ul
RT: 15.680 min Scan# 2141
Delta R.T. 0.012 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:138 Resp: 338902
Ion Ratio Lower Upper
138 100
92 49.5 40.9 61.3
108 68.8 55.1 82.7

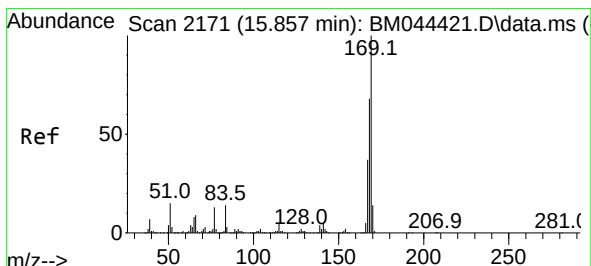
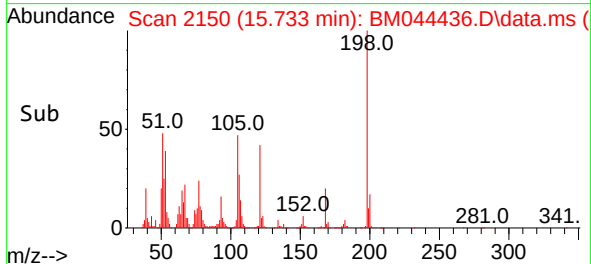
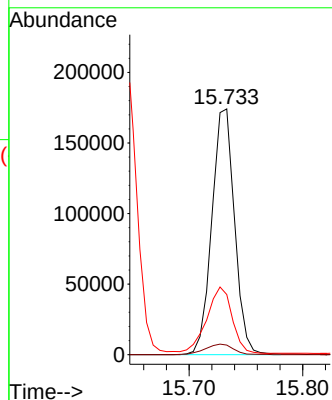
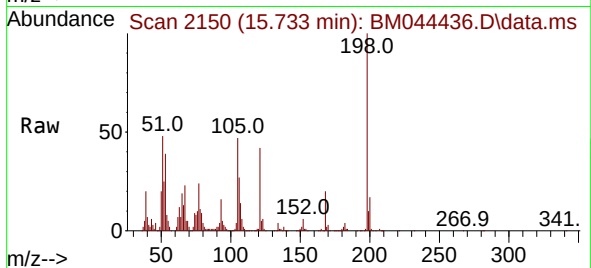




#66
 4,6-Dinitro-2-methylphenol
 Concen: 33.699 ng/ul
 RT: 15.733 min Scan# 2148
 Delta R.T. 0.012 min
 Lab File: BM044436.D
 Acq: 29 Feb 2024 13:00

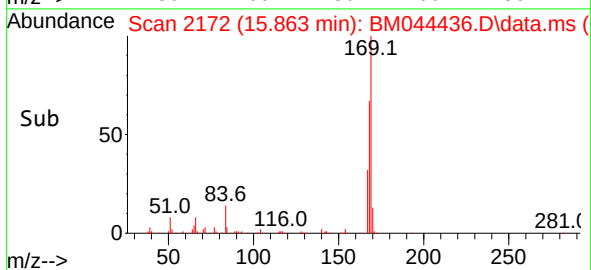
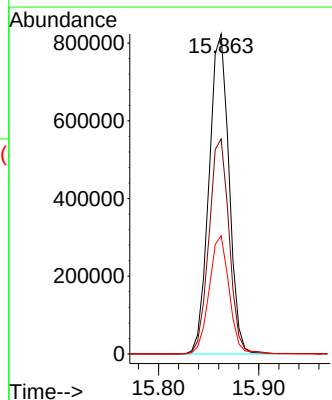
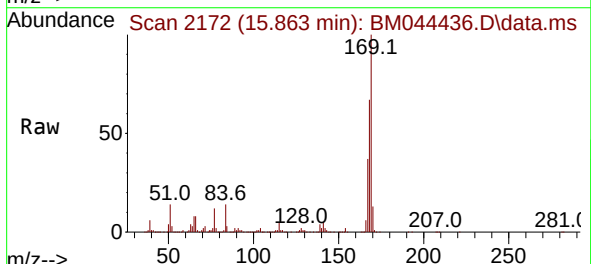
Instrument :
 BNA_M
 ClientSampleId :
 SLCS338

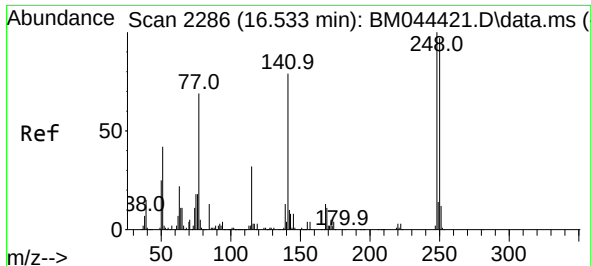
Tgt Ion:198 Resp: 242482
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.8 5.8
 77 24.5 20.6 30.8



#67
 N-Nitrosodiphenylamine
 Concen: 35.554 ng/ul
 RT: 15.863 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: BM044436.D
 Acq: 29 Feb 2024 13:00

Tgt Ion:169 Resp: 1142187
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.6 80.4
 167 36.9 29.2 43.8

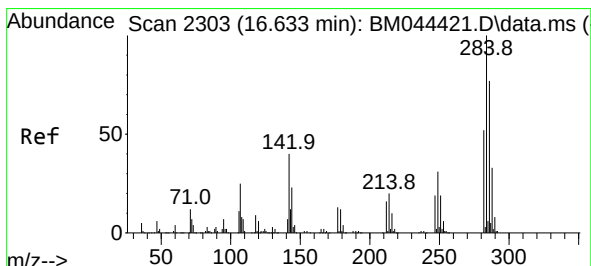
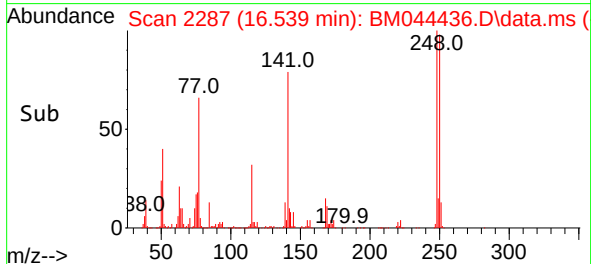
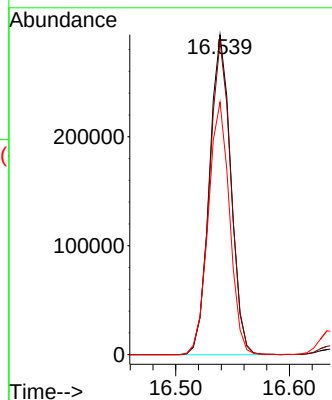
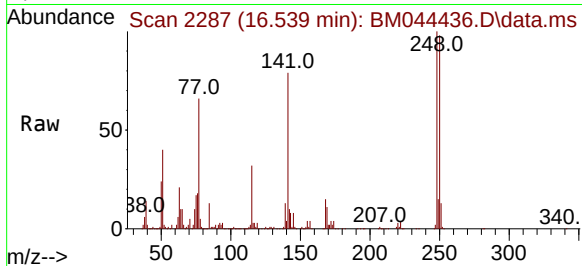




#68
4-Bromophenyl-phenylether
Concen: 36.537 ng/ul
RT: 16.539 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

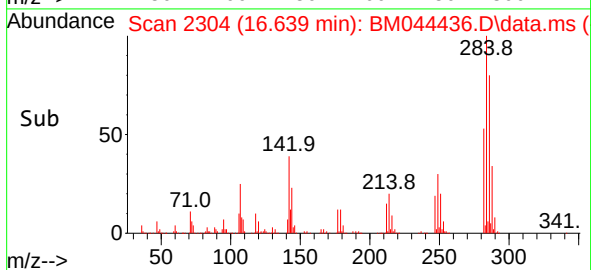
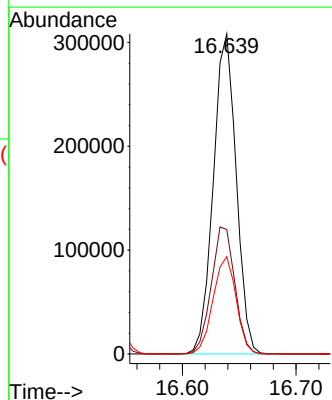
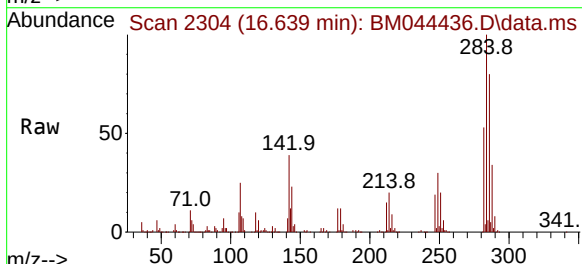
Instrument :
BNA_M
ClientSampleId :
SLCS338

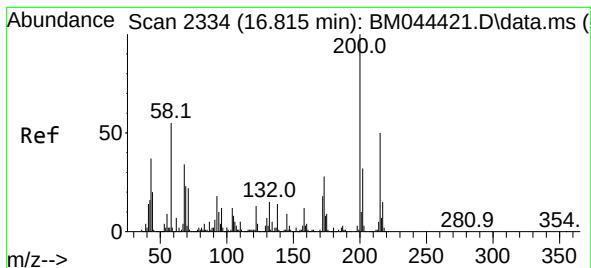
Tgt Ion:248 Resp: 384835
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 78.9 65.8 98.8



#69
Hexachlorobenzene
Concen: 35.782 ng/ul
RT: 16.639 min Scan# 2304
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:284 Resp: 431365
Ion Ratio Lower Upper
284 100
142 38.9 33.4 50.2
249 30.4 24.7 37.1





#70

Atrazine

Concen: 21.971 ng/ul

RT: 16.821 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

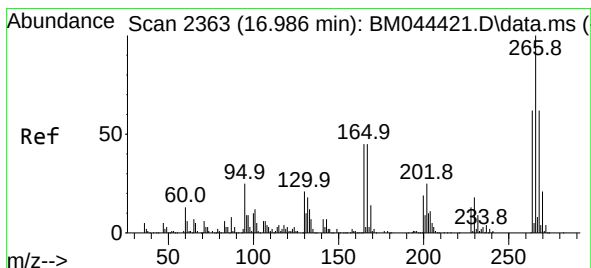
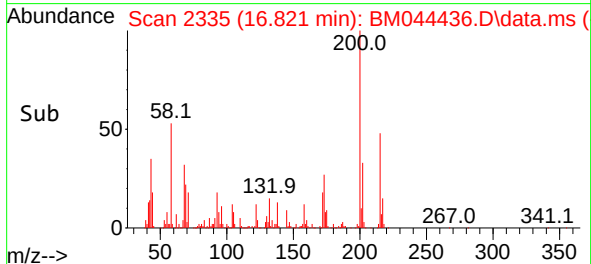
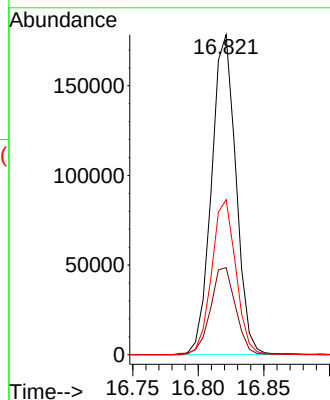
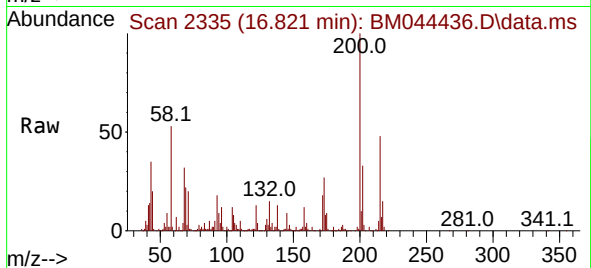
Tgt Ion:200 Resp: 231218

Ion Ratio Lower Upper

200 100

173 27.2 22.5 33.7

215 48.5 37.8 56.6



#71

Pentachlorophenol

Concen: 32.501 ng/ul

RT: 16.986 min Scan# 2363

Delta R.T. -0.000 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

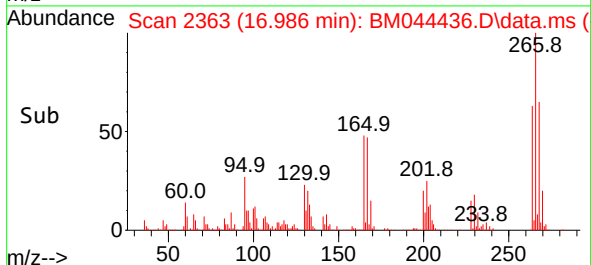
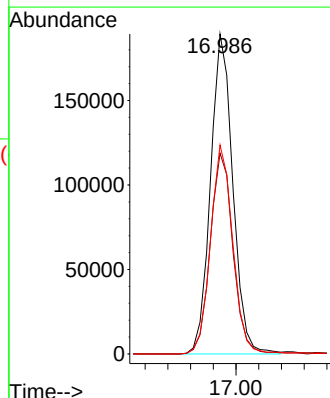
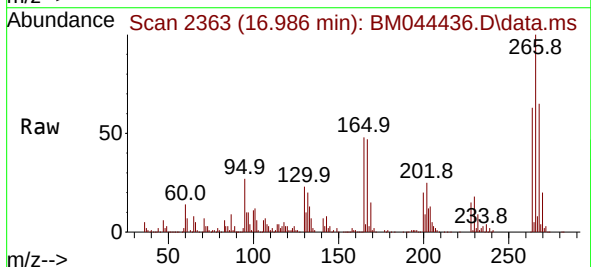
Tgt Ion:266 Resp: 258204

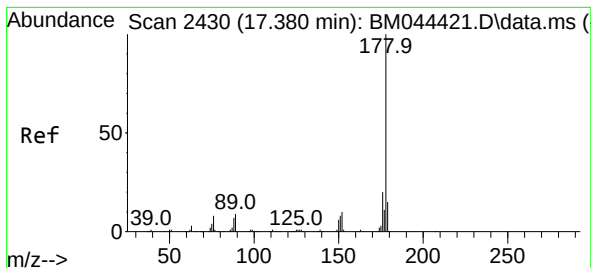
Ion Ratio Lower Upper

266 100

264 62.8 50.9 76.3

268 65.3 51.1 76.7





#72

Phenanthrene

Concen: 34.814 ng/ul

RT: 17.386 min Scan# 2430

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

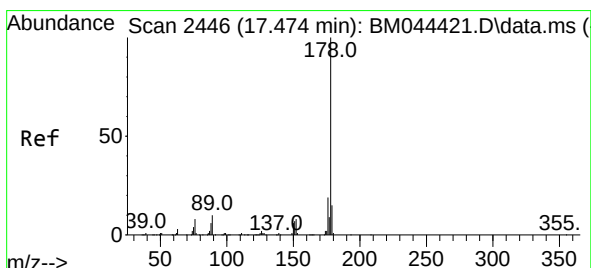
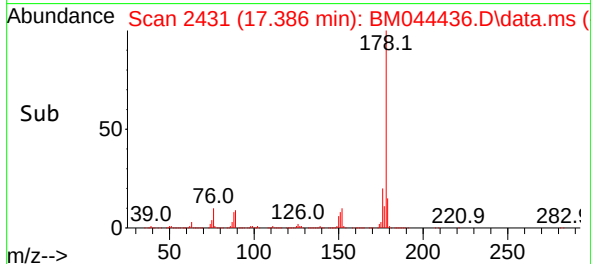
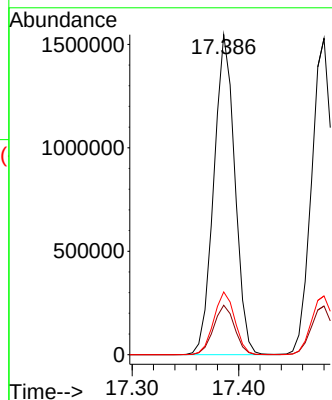
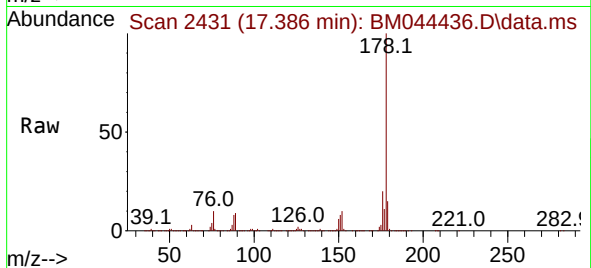
Tgt Ion:178 Resp: 2117201

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.6 15.6 23.4



#74

Anthracene

Concen: 34.803 ng/ul

RT: 17.480 min Scan# 2447

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

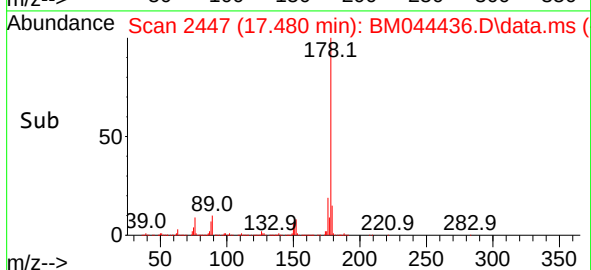
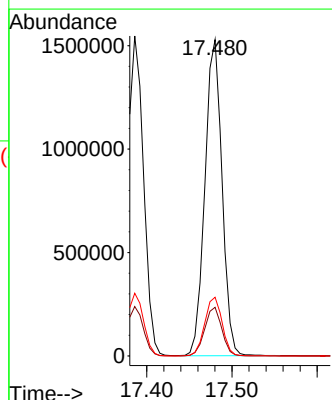
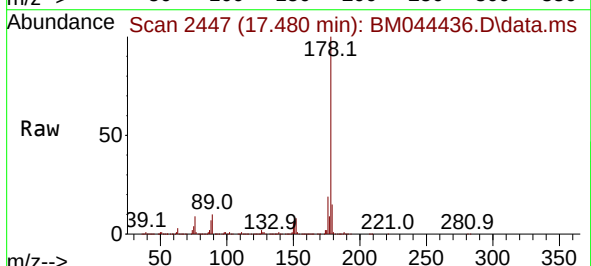
Tgt Ion:178 Resp: 2131023

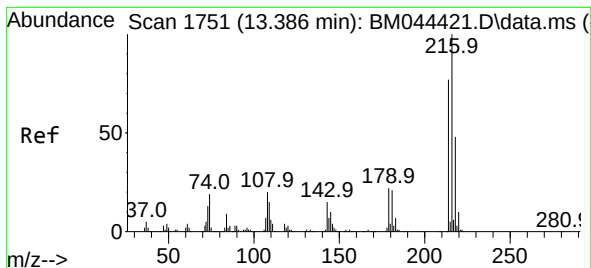
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.6 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.458 ng/uL

RT: 13.392 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

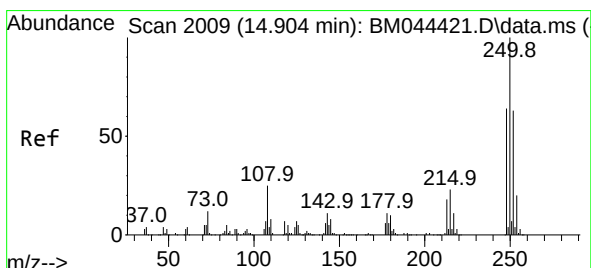
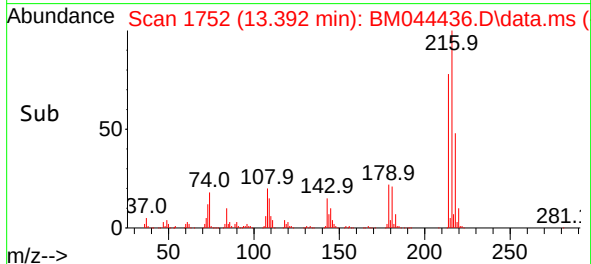
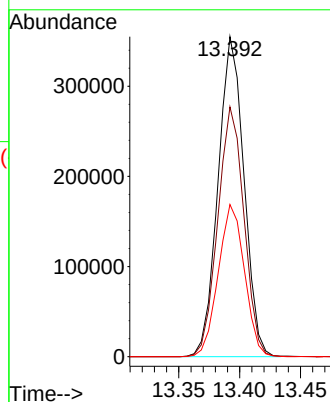
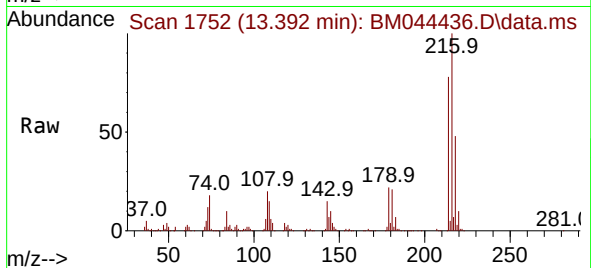
Tgt Ion:216 Resp: 526174

Ion Ratio Lower Upper

216 100

214 78.0 61.9 92.9

218 47.6 37.9 56.9



#76

Pentachlorobenzene

Concen: 35.276 ng/uL

RT: 14.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

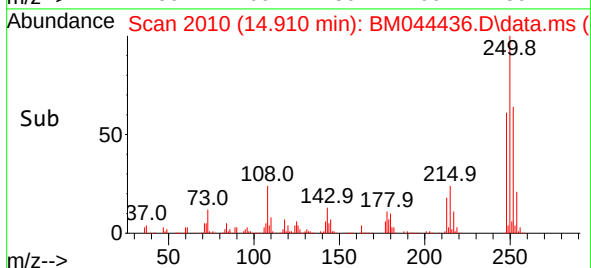
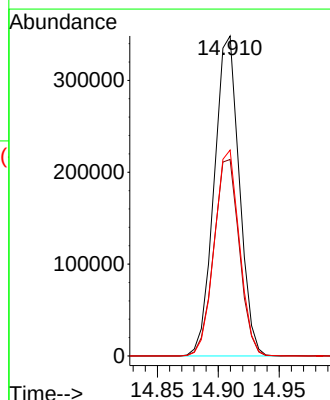
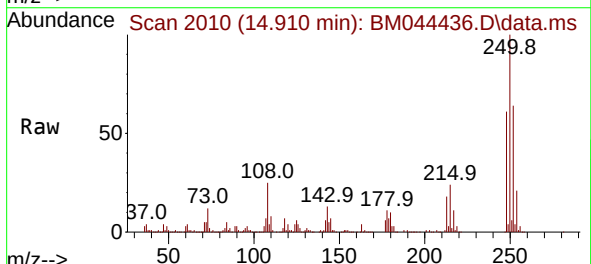
Tgt Ion:250 Resp: 499736

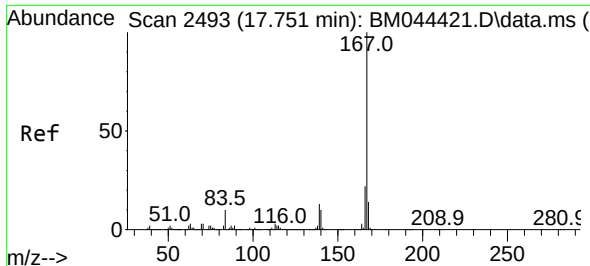
Ion Ratio Lower Upper

250 100

248 61.4 48.6 73.0

252 64.4 50.0 75.0

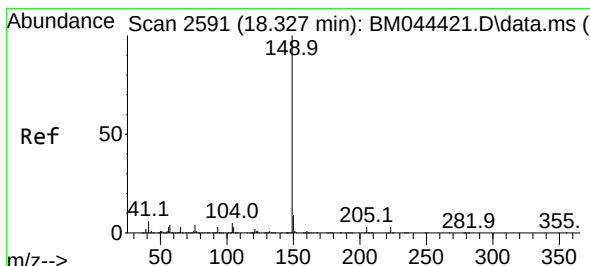
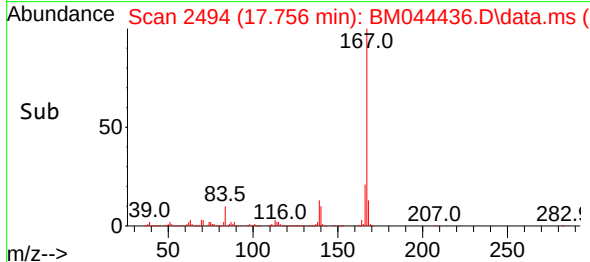
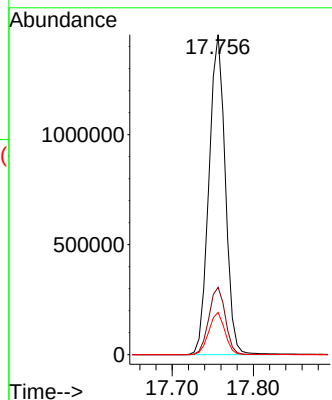
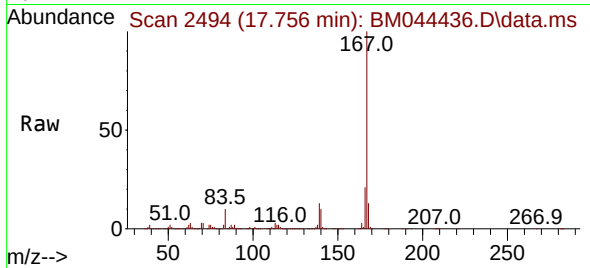




#77
 Carbazole
 Concen: 35.214 ng/ul
 RT: 17.756 min Scan# 2494
 Delta R.T. 0.006 min
 Lab File: BM044436.D
 Acq: 29 Feb 2024 13:00

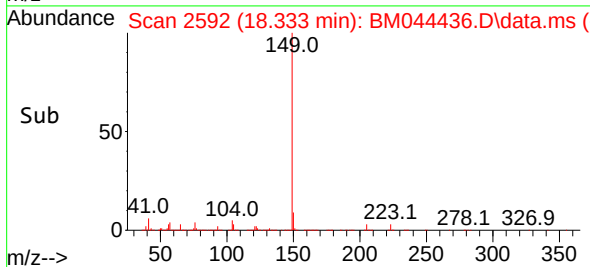
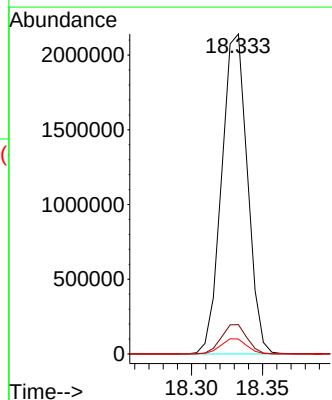
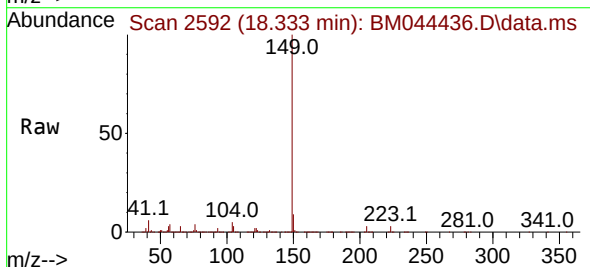
Instrument :
 BNA_M
 ClientSampleId :
 SLCS338

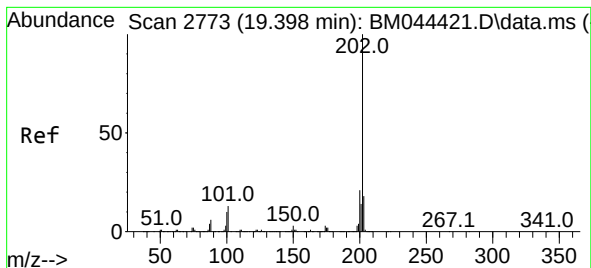
Tgt Ion:167 Resp: 2027423
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 13.2 10.7 16.1



#78
 Di-n-butylphthalate
 Concen: 37.143 ng/ul
 RT: 18.333 min Scan# 2592
 Delta R.T. 0.006 min
 Lab File: BM044436.D
 Acq: 29 Feb 2024 13:00

Tgt Ion:149 Resp: 2707601
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.6 3.8 5.8





#80

Fluoranthene

Concen: 37.683 ng/u1

RT: 19.403 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

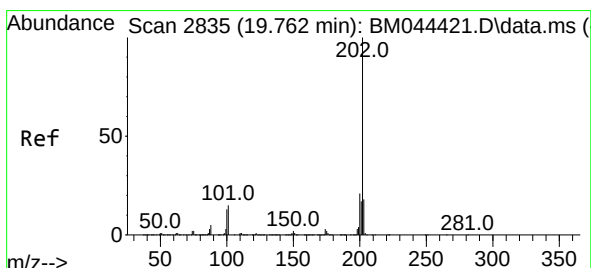
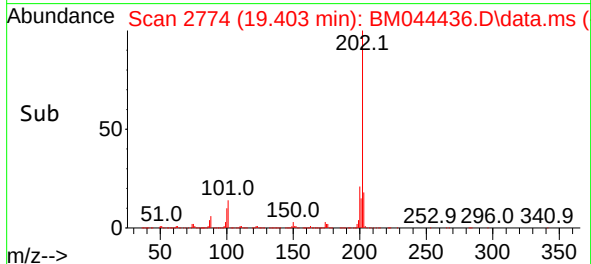
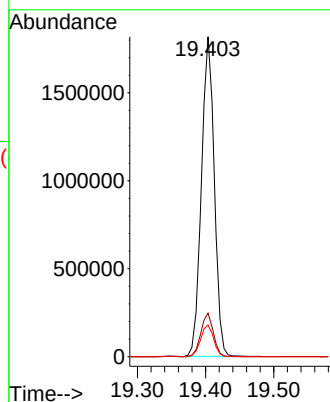
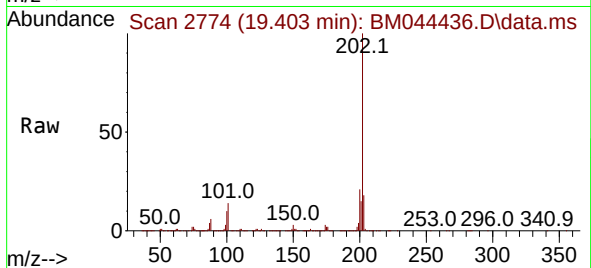
Tgt Ion:202 Resp: 2388623

Ion Ratio Lower Upper

202 100

101 13.6 11.1 16.7

100 9.9 8.2 12.2



#82

Pyrene

Concen: 37.614 ng/u1

RT: 19.768 min Scan# 2836

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

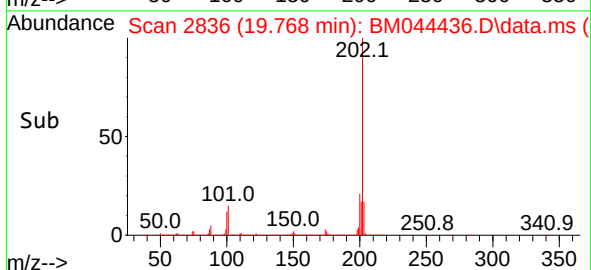
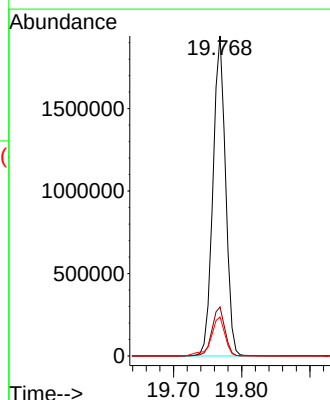
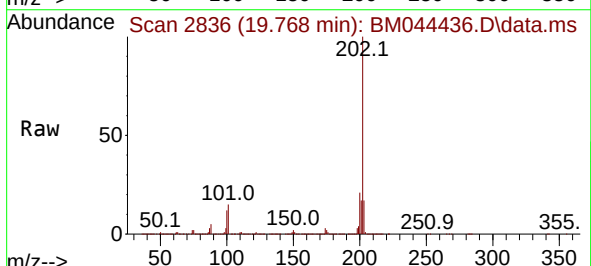
Tgt Ion:202 Resp: 2500390

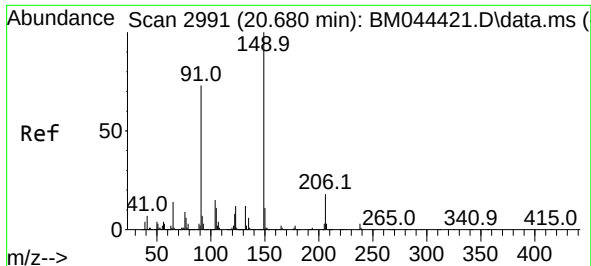
Ion Ratio Lower Upper

202 100

101 15.3 12.6 18.8

100 12.2 10.2 15.2

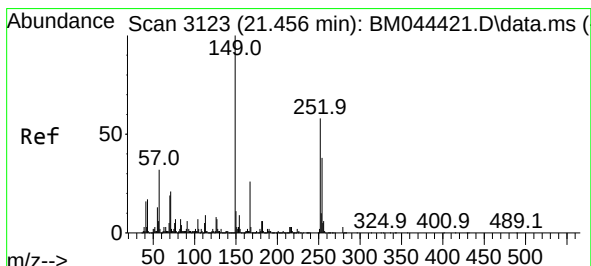
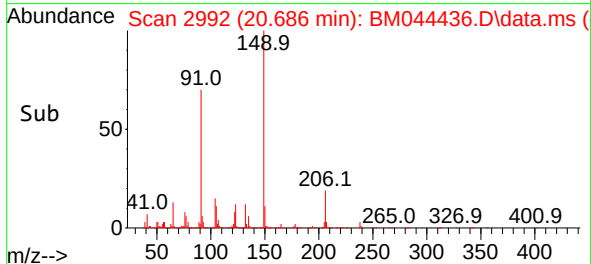
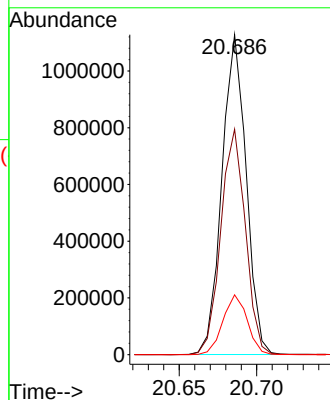
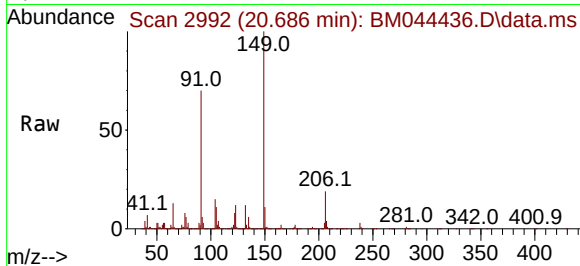




#83
Butylbenzylphthalate
Concen: 41.035 ng/ul
RT: 20.686 min Scan# 2991
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

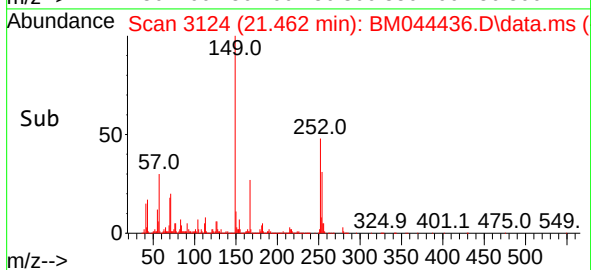
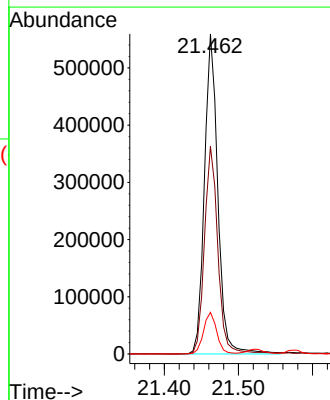
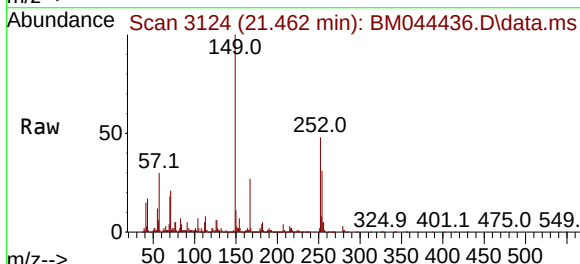
Instrument :
BNA_M
ClientSampleId :
SLCS338

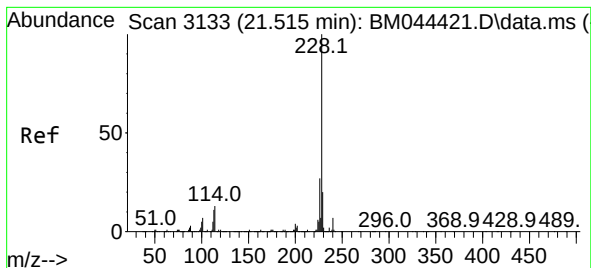
Tgt Ion:149 Resp: 1225216
Ion Ratio Lower Upper
149 100
91 70.5 58.1 87.1
206 18.7 15.0 22.4



#84
3,3'-Dichlorobenzidine
Concen: 35.830 ng/ul
RT: 21.462 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:252 Resp: 704070
Ion Ratio Lower Upper
252 100
254 64.9 51.6 77.4
126 13.0 11.2 16.8





#85

Benzo(a)anthracene

Concen: 36.056 ng/ul

RT: 21.521 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

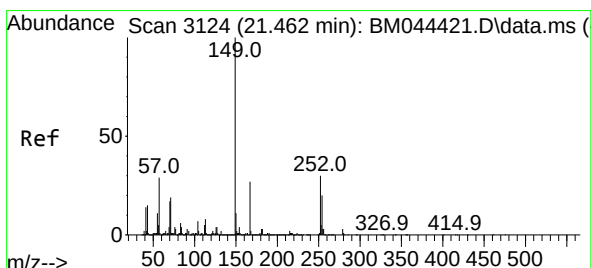
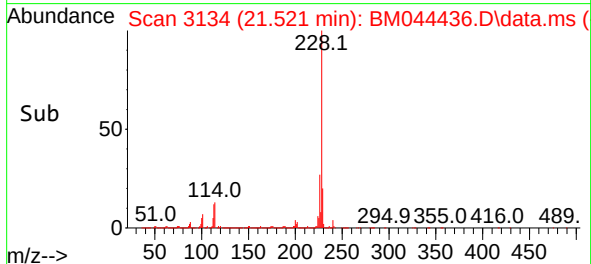
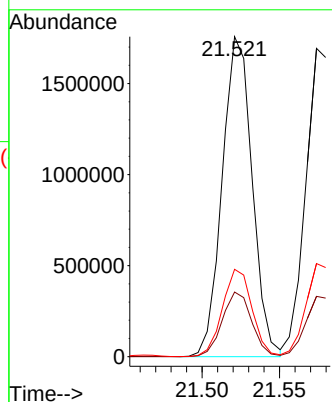
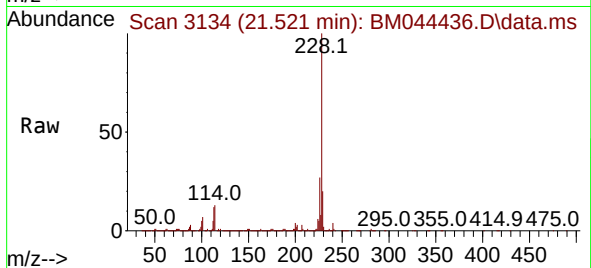
Tgt Ion:228 Resp: 2362398

Ion Ratio Lower Upper

228 100

229 20.2 15.4 23.0

226 27.3 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.124 ng/ul

RT: 21.468 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

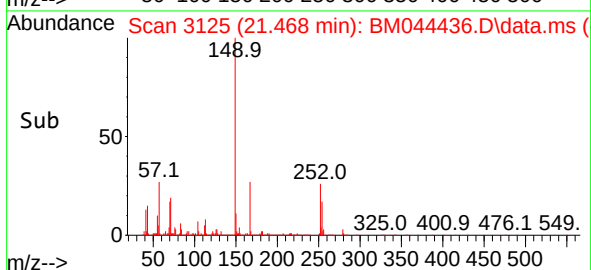
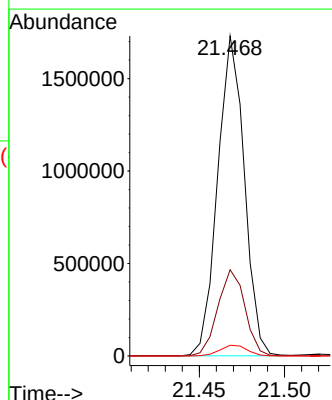
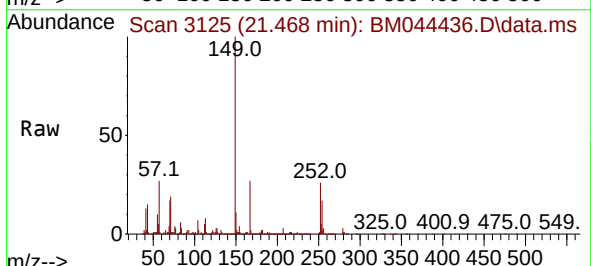
Tgt Ion:149 Resp: 1879895

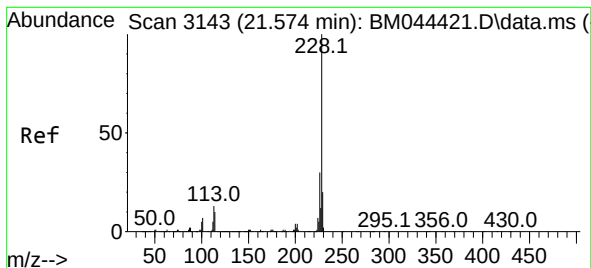
Ion Ratio Lower Upper

149 100

167 27.0 22.1 33.1

279 3.4 2.4 3.6





#87

Chrysene

Concen: 36.084 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. -0.000 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

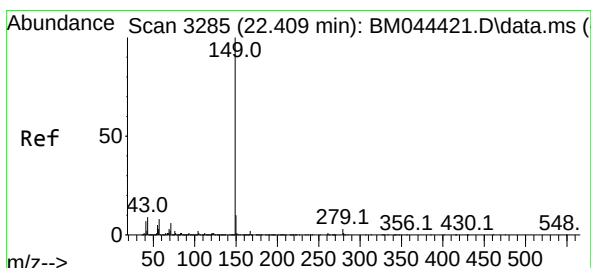
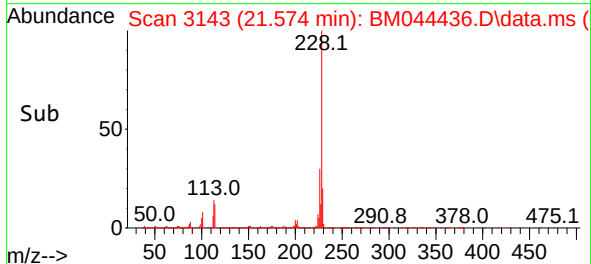
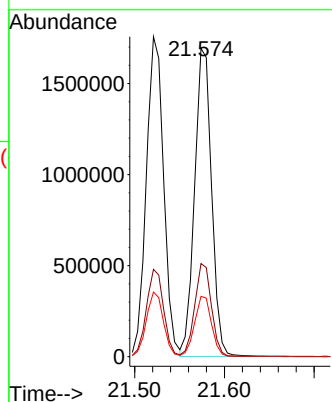
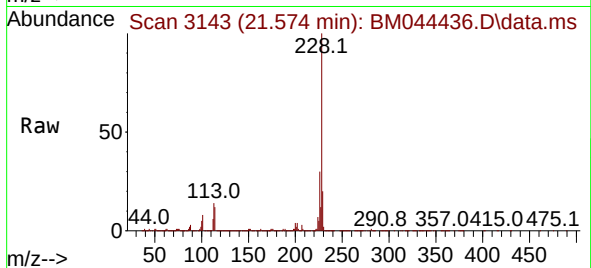
Tgt Ion:228 Resp: 2222334

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.6 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 40.162 ng/ul

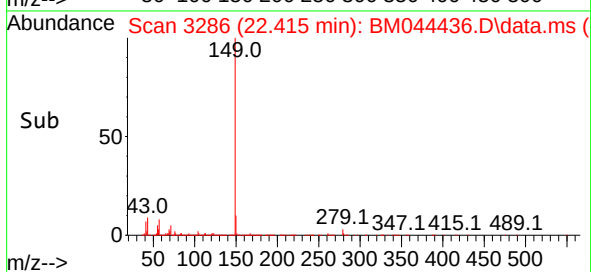
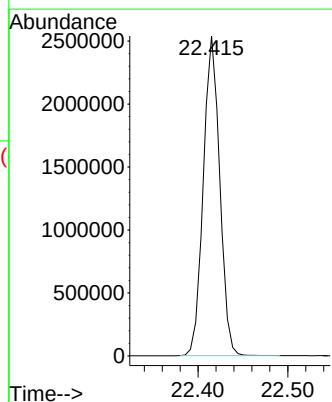
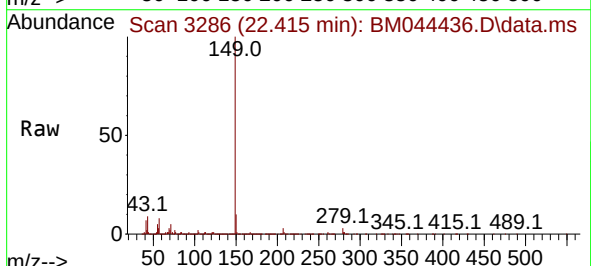
RT: 22.415 min Scan# 3286

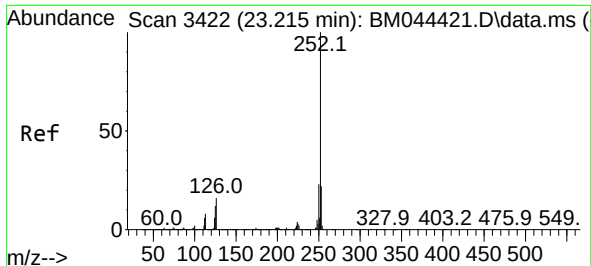
Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Tgt Ion:149 Resp: 3220520

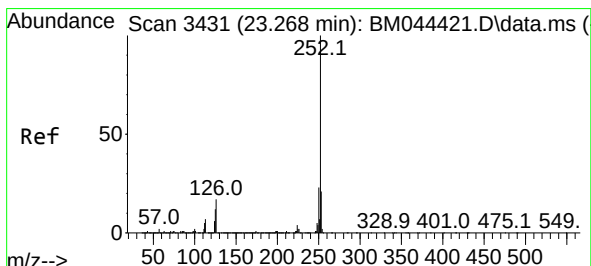
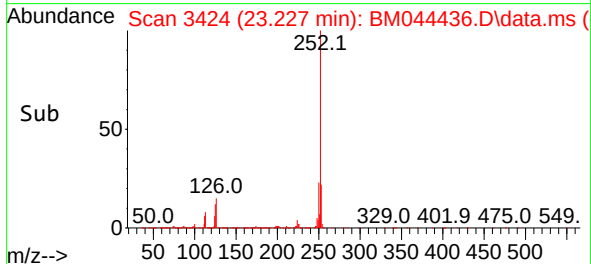
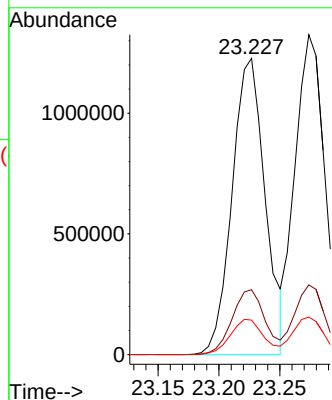
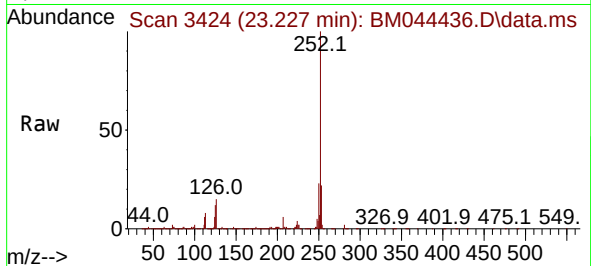




#90
Benzo(b)fluoranthene
Concen: 38.576 ng/ul
RT: 23.227 min Scan# 3422
Delta R.T. 0.012 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

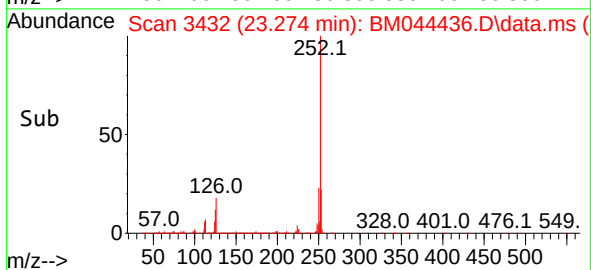
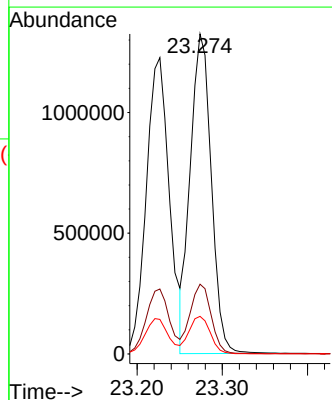
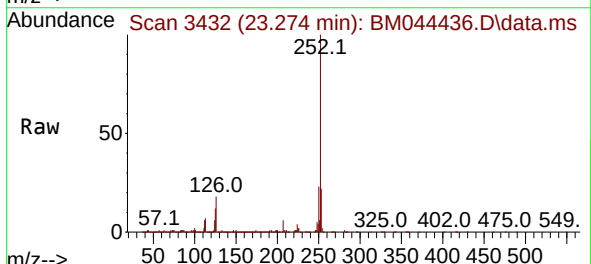
Instrument :
BNA_M
ClientSampleId :
SLCS338

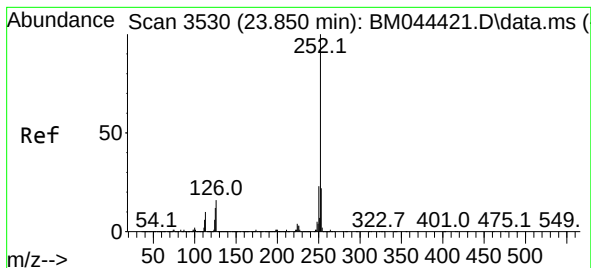
Tgt Ion:252 Resp: 2314549
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.7 9.8 14.8



#91
Benzo(k)fluoranthene
Concen: 36.771 ng/ul
RT: 23.274 min Scan# 3432
Delta R.T. 0.006 min
Lab File: BM044436.D
Acq: 29 Feb 2024 13:00

Tgt Ion:252 Resp: 2265976
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.8 9.4 14.2





#93

Benzo(a)pyrene

Concen: 37.181 ng/ul

RT: 23.856 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

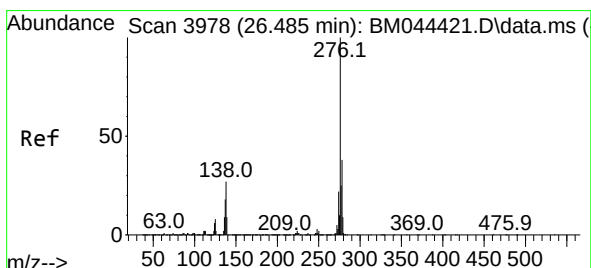
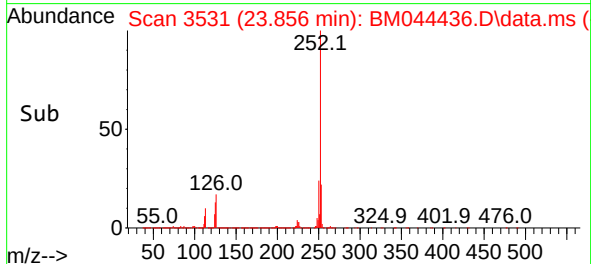
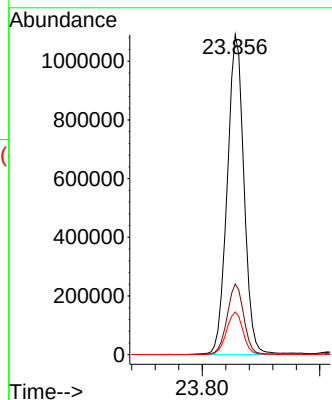
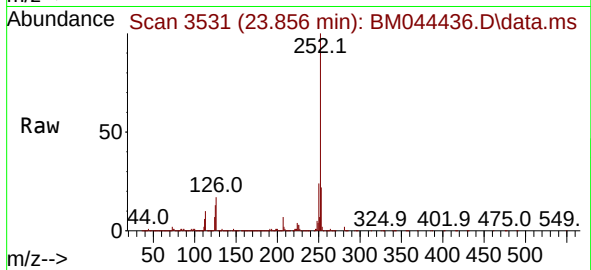
Tgt Ion:252 Resp: 2150854

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 13.4 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.705 ng/ul

RT: 26.503 min Scan# 3981

Delta R.T. 0.018 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

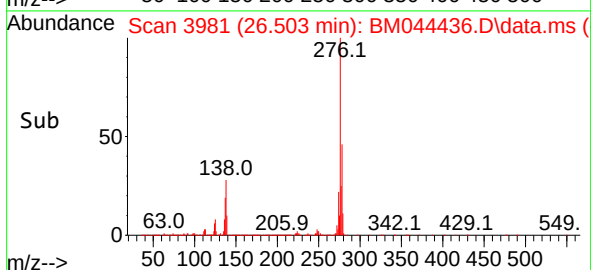
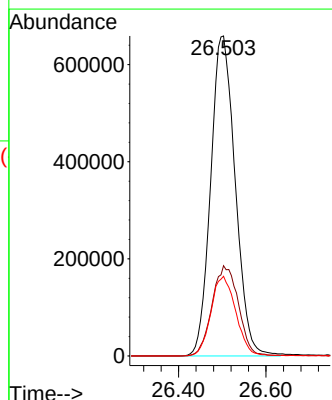
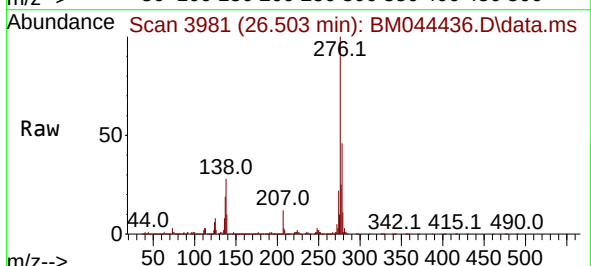
Tgt Ion:276 Resp: 2567708

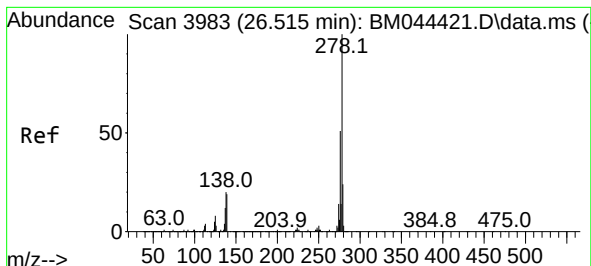
Ion Ratio Lower Upper

276 100

138 28.2 22.1 33.1

277 24.9 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 37.005 ng/ul

RT: 26.532 min Scan# 3986

Delta R.T. 0.018 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Instrument :

BNA_M

ClientSampleId :

SLCS338

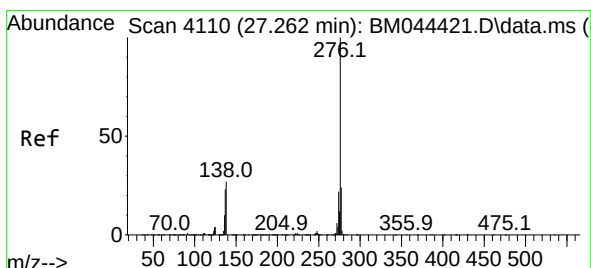
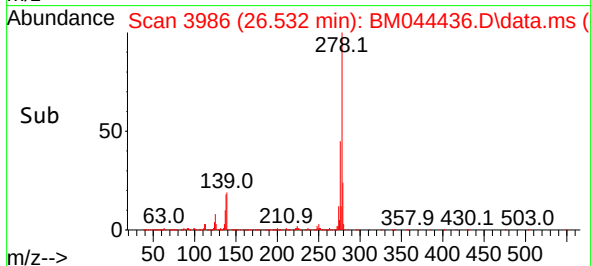
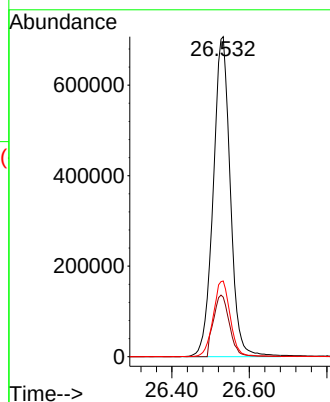
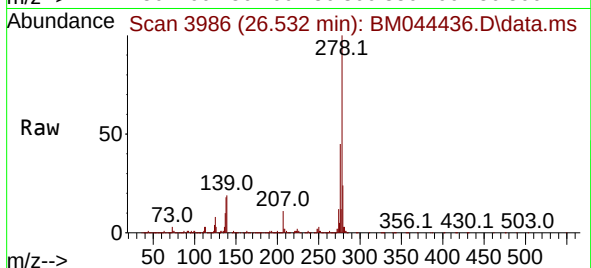
Tgt Ion:278 Resp: 2163262

Ion Ratio Lower Upper

278 100

139 18.6 14.9 22.3

279 23.6 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 36.538 ng/ul

RT: 27.274 min Scan# 4112

Delta R.T. 0.012 min

Lab File: BM044436.D

Acq: 29 Feb 2024 13:00

Tgt Ion:276 Resp: 2067598

Ion Ratio Lower Upper

276 100

138 25.6 21.6 32.4

277 23.9 18.5 27.7

