

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022424\
 Data File : BM044302.D
 Acq On : 24 Feb 2024 19:19
 Operator : MA/JU
 Sample : PB159152BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS152

Quant Time: Feb 25 23:01:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 25 22:57:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	222212	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	966275	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.562	164	558789	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	1158972	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	989243	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1088969	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	44875	6.372	ng/uL	0.00
4) Pyridine-d5	3.769	84	629232	32.714	ng/u1	0.00
7) Phenol-d5	7.086	99	718484	33.752	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	453078	32.868	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	570546	35.587	ng/u1	0.01
15) 4-Methylphenol-d8	8.639	113	552501	34.302	ng/u1	0.01
21) Nitrobenzene-d5	9.092	128	277536	35.325	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	305008	38.052	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	524057	37.063	ng/u1	0.00
31) 4-Chloroaniline-d4	10.874	131	756966	31.876	ng/u1	0.01
46) Dimethylphthalate-d6	13.986	166	1545145	35.853	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1828291	36.872	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	310044	36.154	ng/u1	0.01
60) Fluorene-d10	15.557	176	1312798	35.990	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	257943	35.869	ng/u1	0.00
73) Anthracene-d10	17.415	188	1947099	35.234	ng/u1	0.00
81) Pyrene-d10	19.715	212	2204275	37.038	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	2090170	37.458	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	93657	12.616	ng/uL	97
5) Pyridine	3.787	79	660137	32.806	ng/u1	97
6) Benzaldehyde	7.069	77	352036	38.098	ng/u1	97
8) Phenol	7.116	94	768747	34.742	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.357	93	630345	34.034	ng/u1	98
12) 2-Chlorophenol	7.481	128	596913	35.987	ng/u1	96
13) 2-Methylphenol	8.369	108	566784	34.768	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.451	45	838749	33.122	ng/u1	98
16) Acetophenone	8.751	105	910864	35.397	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.745	70	477424	37.036	ng/u1	98
18) 4-Methylphenol	8.698	108	620184	35.714	ng/u1	97
19) Hexachloroethane	8.992	117	243819	34.650	ng/u1	96
22) Nitrobenzene	9.133	77	667008	35.105	ng/u1	99
23) Isophorone	9.663	82	1353898	36.766	ng/u1	99
25) 2-Nitrophenol	9.845	139	335368	37.724	ng/u1	95
26) 2,4-Dimethylphenol	9.904	107	525033	30.930	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.151	93	860519	35.946	ng/u1	100
29) 2,4-Dichlorophenol	10.374	162	532672	37.223	ng/u1	99
30) Naphthalene	10.774	128	1923082	34.994	ng/u1	100
32) 4-Chloroaniline	10.898	127	639572	27.638	ng/u1	98
33) Hexachlorobutadiene	11.051	225	299634	34.755	ng/u1	99
34) Caprolactam	11.680	113	183922	37.181	ng/u1	97
35) 4-Chloro-3-methylphenol	12.021	107	597312	39.179	ng/u1	97
36) 2-Methylnaphthalene	12.386	142	1264488	36.124	ng/u1	99

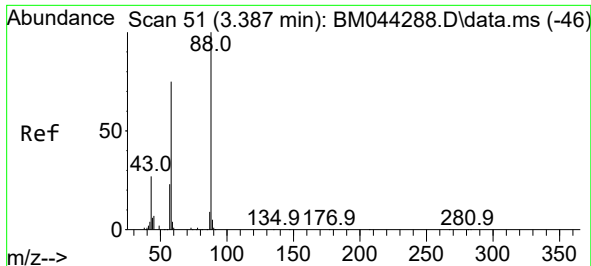
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	1237817	35.772	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	585011	35.366	ng/ul	99
40) Hexachlorocyclopentadiene	12.721	237	336551	30.240	ng/ul	100
41) 2,4,6-Trichlorophenol	12.998	196	393333	37.304	ng/ul	99
42) 2,4,5-Trichlorophenol	13.068	196	428697	37.610	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	1605250	35.286	ng/ul	98
44) 2-Chloronaphthalene	13.439	162	1269665	35.644	ng/ul	100
45) 2-Nitroaniline	13.657	65	390297	39.576	ng/ul	97
47) Dimethylphthalate	14.039	163	1618590	36.747	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	326249	39.607	ng/ul	100
50) Acenaphthylene	14.286	152	2118886	36.078	ng/ul	99
51) 3-Nitroaniline	14.486	138	349363	40.203	ng/ul	96
52) Acenaphthene	14.627	153	1382579	35.659	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	186370	36.462	ng/ul	96
55) 4-Nitrophenol	14.786	109	218949	37.165	ng/ul	97
56) Dibenzofuran	14.962	168	1845821	35.463	ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	472951	39.966	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.186	232	331796	36.170	ng/ul	99
59) Diethylphthalate	15.404	149	1688289	37.237	ng/ul	100
61) Fluorene	15.615	166	1504416	35.987	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.615	204	718783	36.483	ng/ul	99
63) 4-Nitroaniline	15.651	138	377937	44.966	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.698	198	280258	35.626	ng/ul	96
67) N-Nitrosodiphenylamine	15.833	169	1288009	36.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.509	248	426149	37.008	ng/ul	99
69) Hexachlorobenzene	16.609	284	476006	36.116	ng/ul	100
70) Atrazine	16.792	200	279067	24.256	ng/ul	98
71) Pentachlorophenol	16.956	266	284498	32.755	ng/ul	99
72) Phenanthrene	17.356	178	2374421	35.713	ng/ul	100
74) Anthracene	17.451	178	2363432	35.306	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	587147	36.191	ng/ul	99
76) Pentachlorobenzene	14.874	250	553439	35.734	ng/ul	98
77) Carbazole	17.727	167	2259571	35.898	ng/ul	99
78) Di-n-butylphthalate	18.303	149	3093996	38.822	ng/ul	100
80) Fluoranthene	19.380	202	2674446	37.469	ng/ul	99
82) Pyrene	19.744	202	2784702	37.201	ng/ul	100
83) Butylbenzylphthalate	20.662	149	1401835	41.694	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.444	252	827665	37.405	ng/ul	98
85) Benzo(a)anthracene	21.503	228	2742949	37.178	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	2141777	41.608	ng/ul	100
87) Chrysene	21.556	228	2569434	37.049	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	3706674	39.728	ng/ul	100
90) Benzo(b)fluoranthene	23.191	252	2727778	39.073	ng/ul	99
91) Benzo(k)fluoranthene	23.244	252	2650329	36.963	ng/ul	100
93) Benzo(a)pyrene	23.821	252	2549531	37.878	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.432	276	3023838	37.150	ng/ul	99
95) Dibenzo(a,h)anthracene	26.462	278	2557927	37.606	ng/ul	98
96) Benzo(g,h,i)perylene	27.203	276	2411014	36.618	ng/ul	99

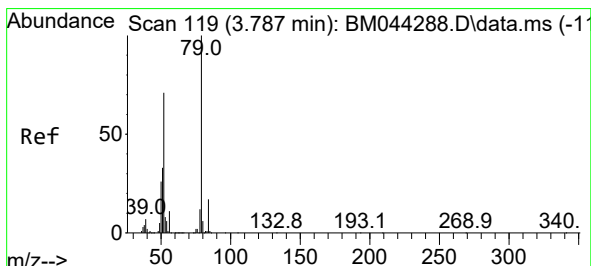
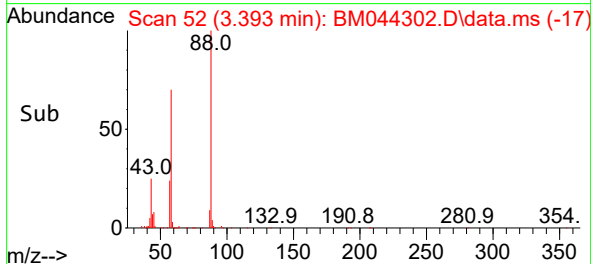
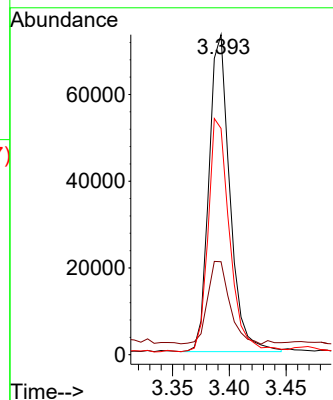
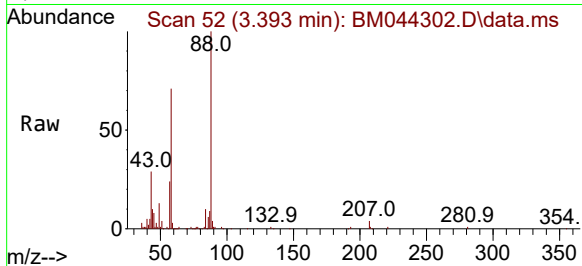
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#2
1,4-Dioxane
Concen: 12.616 ng/uL
RT: 3.393 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM044302.D
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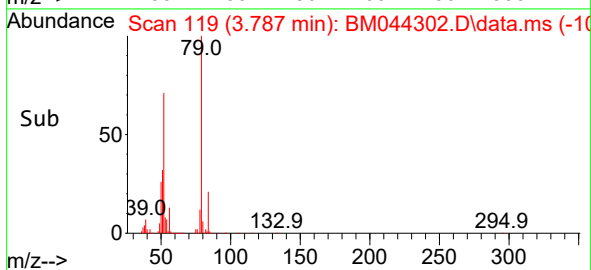
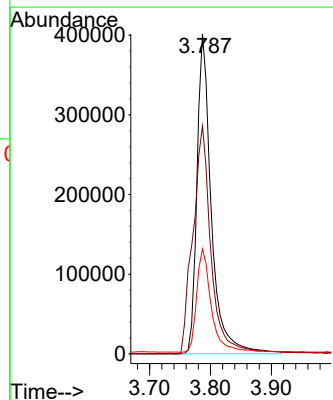
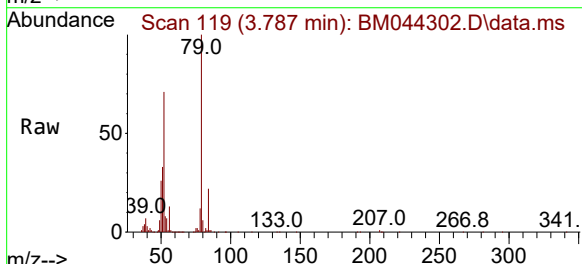
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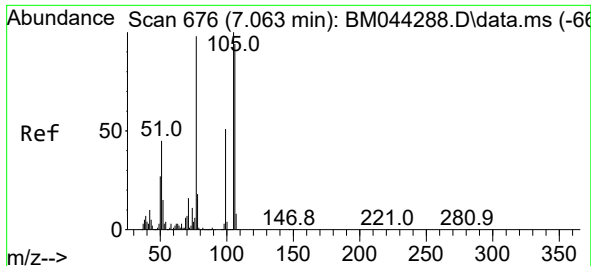
Tgt Ion: 88 Resp: 93657
Ion Ratio Lower Upper
88 100
43 29.1 21.2 31.8
58 70.7 58.3 87.5



#5
Pyridine
Concen: 32.806 ng/uL
RT: 3.787 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion: 79 Resp: 660137
Ion Ratio Lower Upper
79 100
52 71.2 58.9 88.3
51 32.8 27.8 41.8

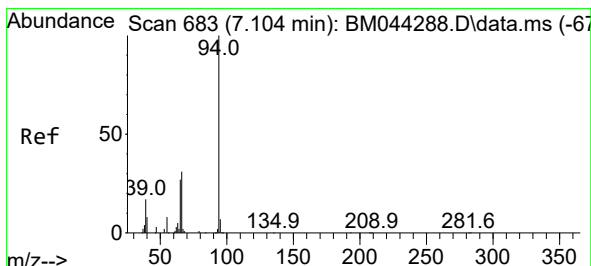
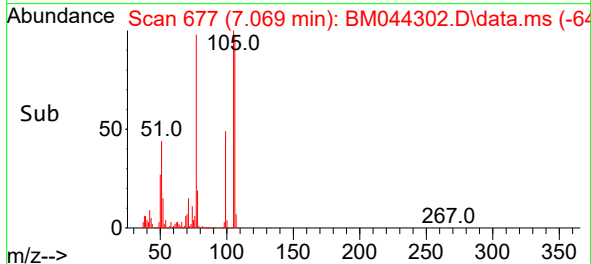
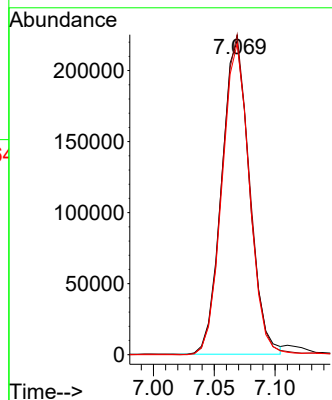
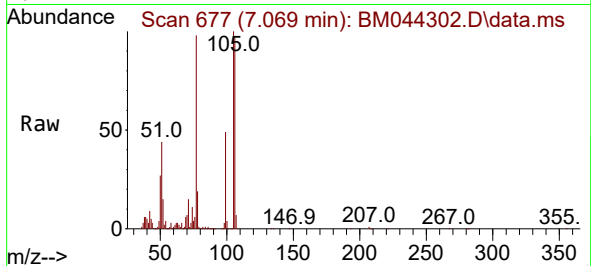




#6
Benzaldehyde
Concen: 38.098 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

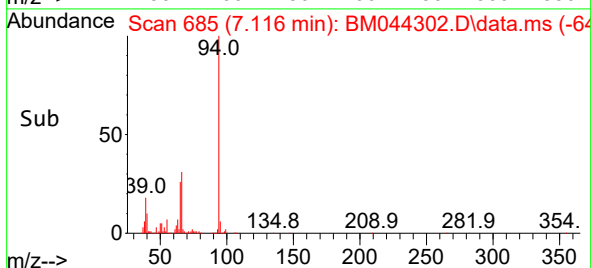
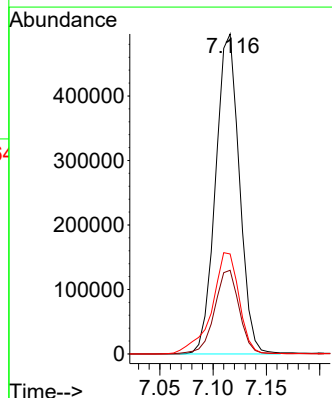
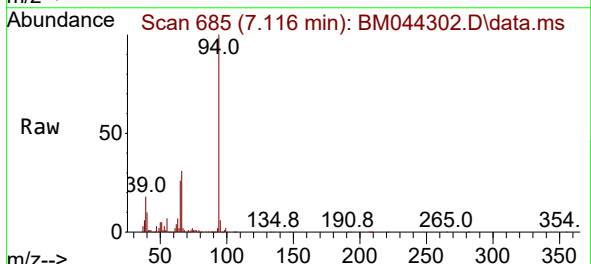
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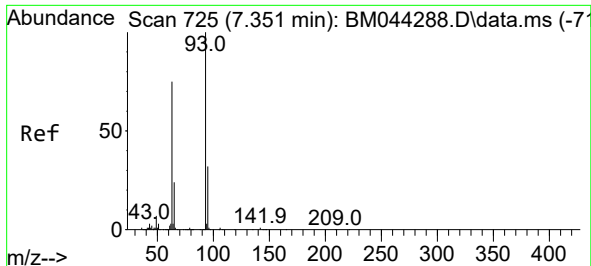
Tgt Ion: 77 Resp: 352036
Ion Ratio Lower Upper
77 100
105 102.0 79.0 118.6
106 99.2 77.4 116.2



#8
Phenol
Concen: 34.742 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. 0.011 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion: 94 Resp: 768747
Ion Ratio Lower Upper
94 100
65 26.1 20.6 31.0
66 31.2 25.4 38.0

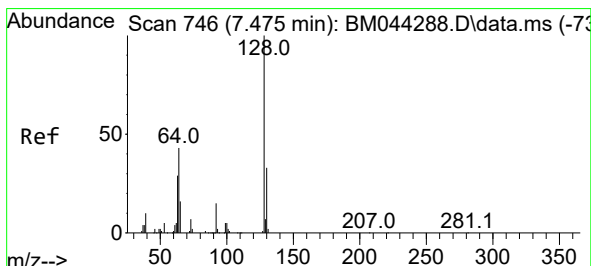
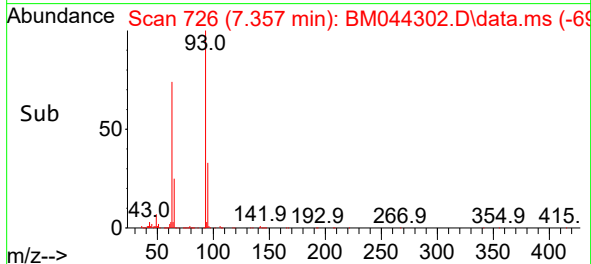
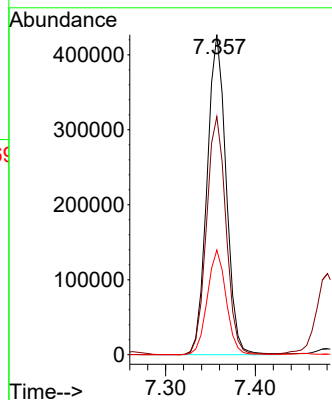
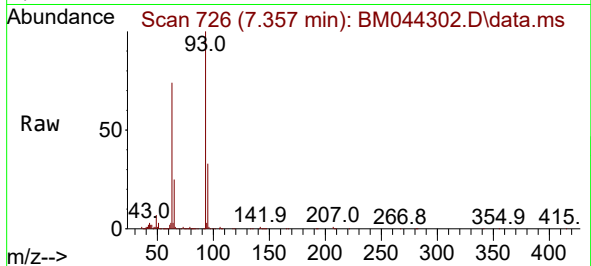




#10
 Bis(2-Chloroethyl)ether
 Concen: 34.034 ng/ul
 RT: 7.357 min Scan# 726
 Delta R.T. 0.006 min
 Lab File: BM044302.D
 Acq: 24 Feb 2024 19:19

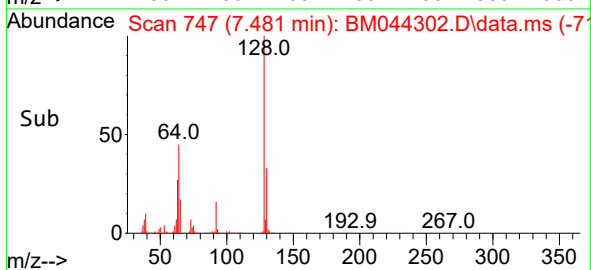
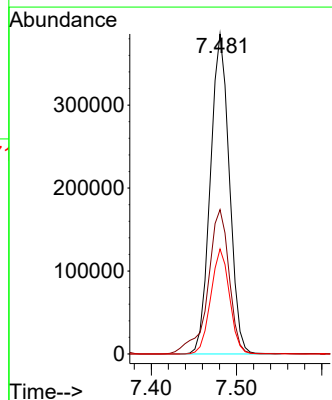
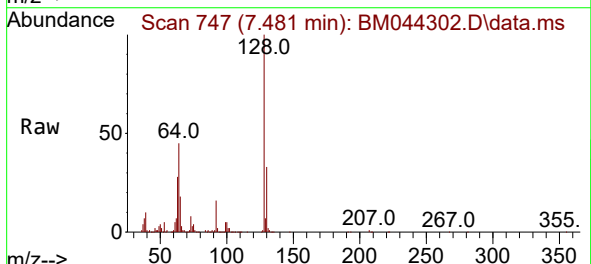
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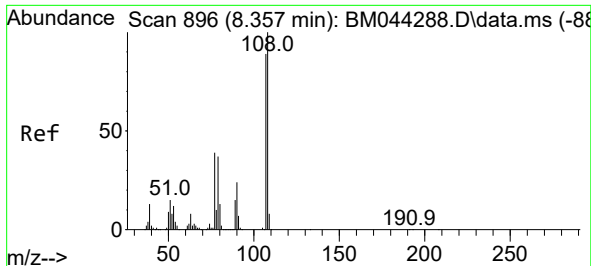
Tgt Ion: 93 Resp: 630345
 Ion Ratio Lower Upper
 93 100
 63 74.4 61.0 91.6
 95 32.7 25.1 37.7



#12
 2-Chlorophenol
 Concen: 35.987 ng/ul
 RT: 7.481 min Scan# 747
 Delta R.T. 0.006 min
 Lab File: BM044302.D
 Acq: 24 Feb 2024 19:19

Tgt Ion:128 Resp: 596913
 Ion Ratio Lower Upper
 128 100
 64 45.1 39.0 58.6
 130 32.8 25.4 38.0

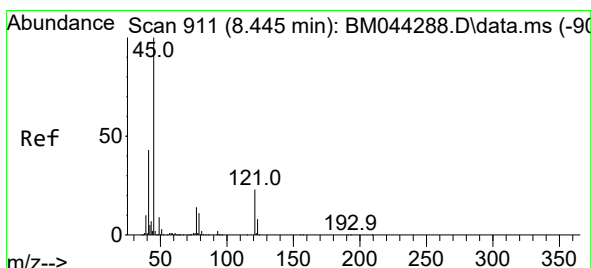
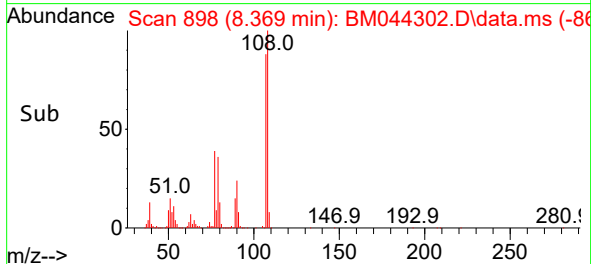
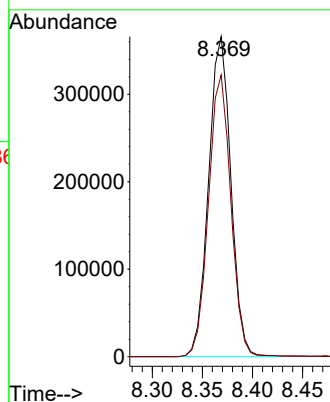
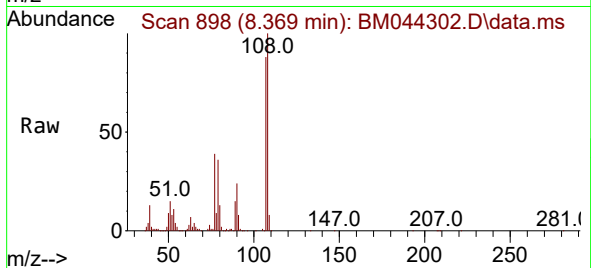




#13
2-Methylphenol
Concen: 34.768 ng/ul
RT: 8.369 min Scan# 896
Delta R.T. 0.011 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

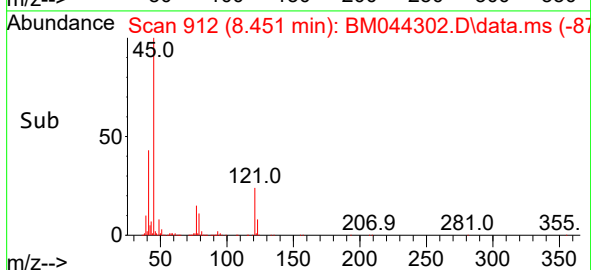
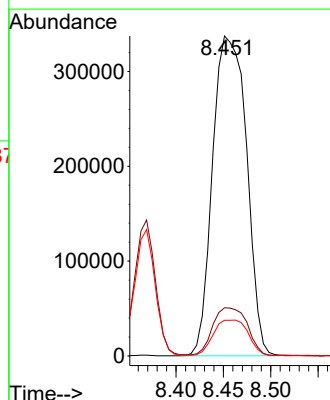
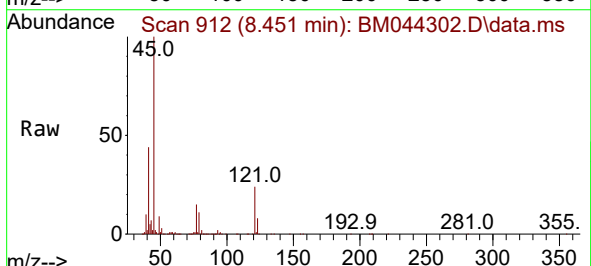
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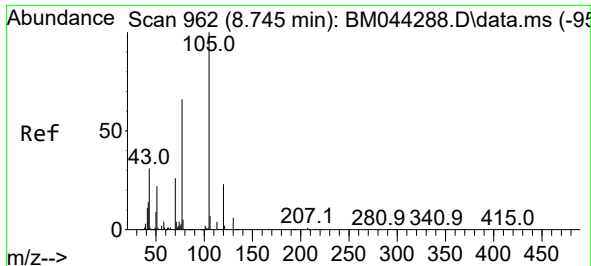
Tgt Ion:108 Resp: 566784
Ion Ratio Lower Upper
108 100
107 88.0 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 33.122 ng/ul
RT: 8.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion: 45 Resp: 838749
Ion Ratio Lower Upper
45 100
77 15.1 11.3 16.9
79 11.1 8.5 12.7

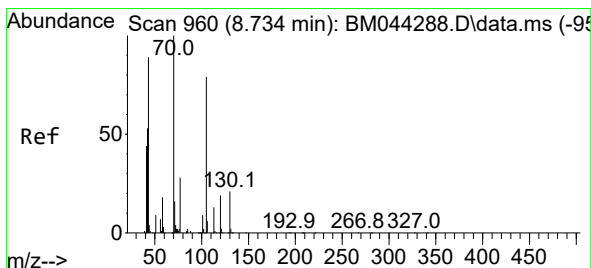
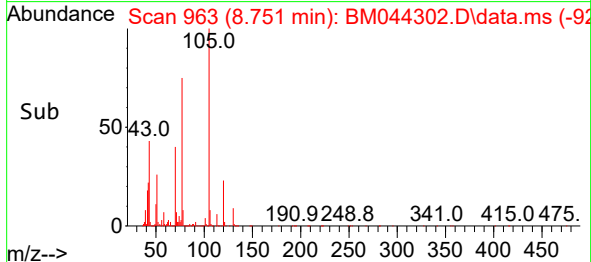
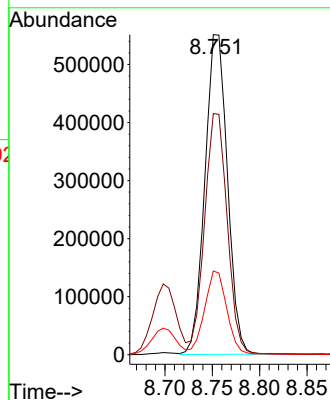
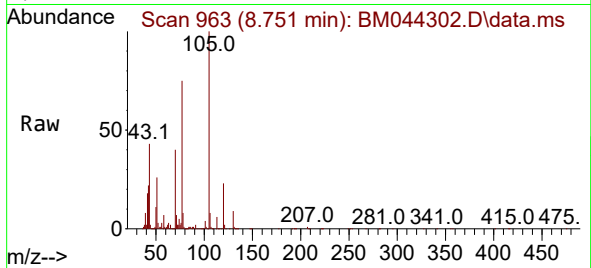




#16
Acetophenone
Concen: 35.397 ng/ul
RT: 8.751 min Scan# 910
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

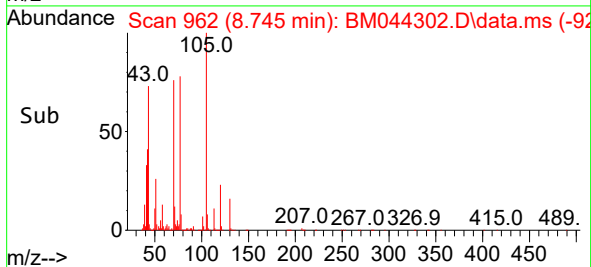
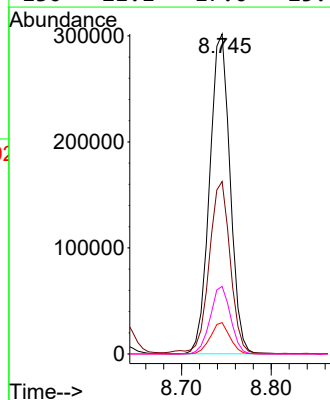
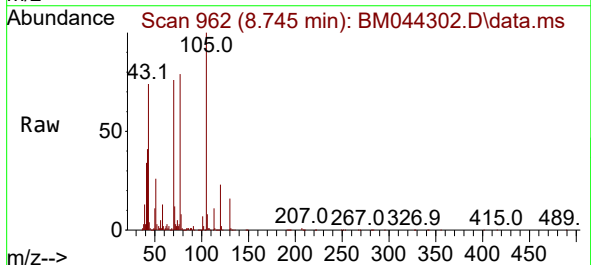
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ClientSampleId :
SLCS152

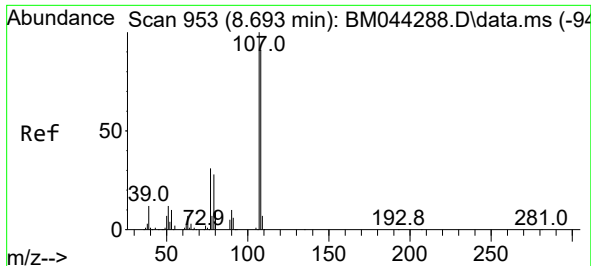
Tgt Ion:105 Resp: 910864
Ion Ratio Lower Upper
105 100
77 75.3 61.2 91.8
51 26.1 21.1 31.7



#17
N-Nitroso-di-n-propylamine
Concen: 37.036 ng/ul
RT: 8.745 min Scan# 962
Delta R.T. 0.011 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion: 70 Resp: 477424
Ion Ratio Lower Upper
70 100
42 53.9 44.4 66.6
101 9.8 7.5 11.3
130 21.1 17.0 25.4

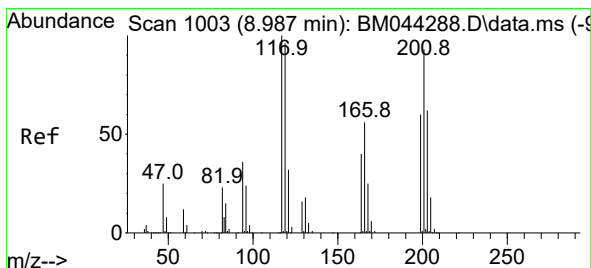
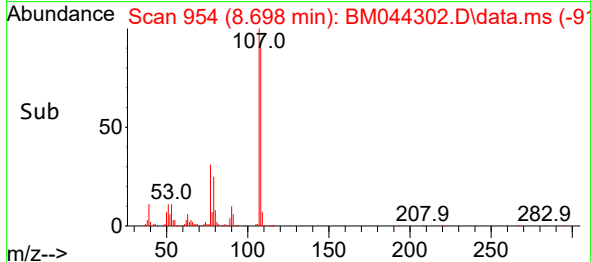
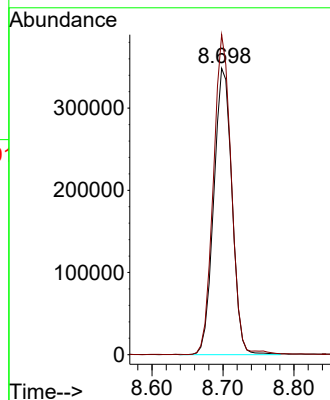
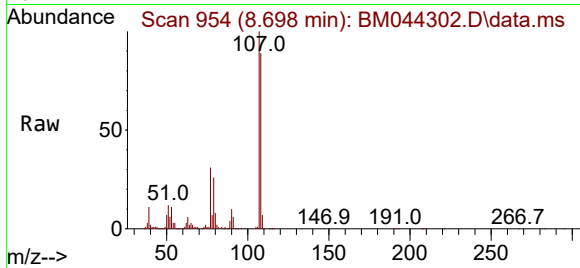




#18
4-Methylphenol
Concen: 35.714 ng/ul
RT: 8.698 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

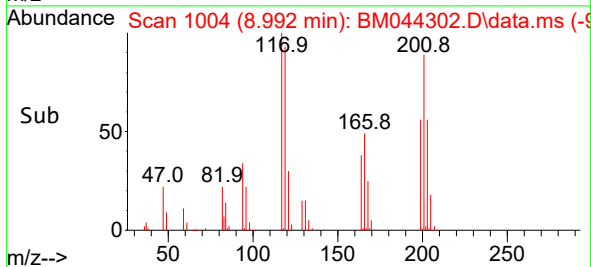
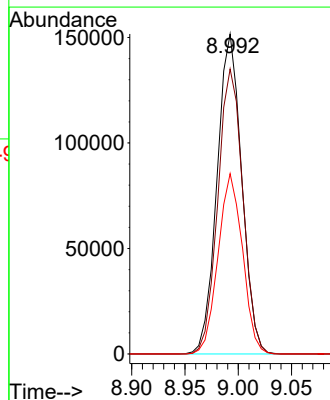
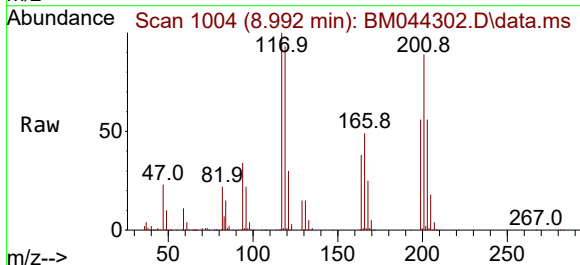
Instrument :
BNA_M
ClientSampleId :
SLCS152

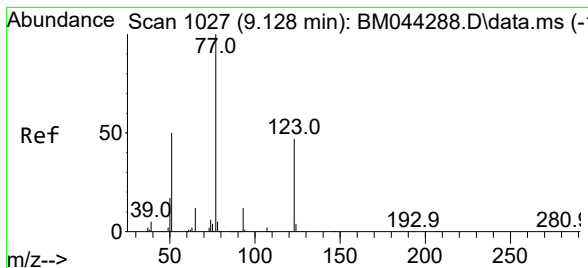
Tgt Ion:108 Resp: 620184
Ion Ratio Lower Upper
108 100
107 111.7 86.8 130.2



#19
Hexachloroethane
Concen: 34.650 ng/ul
RT: 8.992 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:117 Resp: 243819
Ion Ratio Lower Upper
117 100
201 89.0 69.8 104.6
199 56.4 40.8 61.2

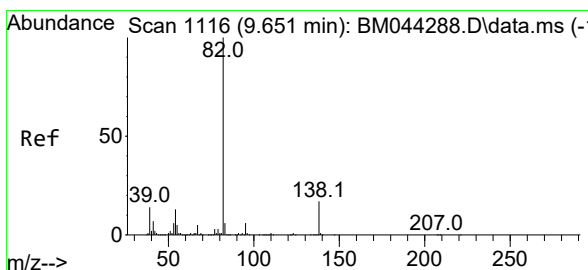
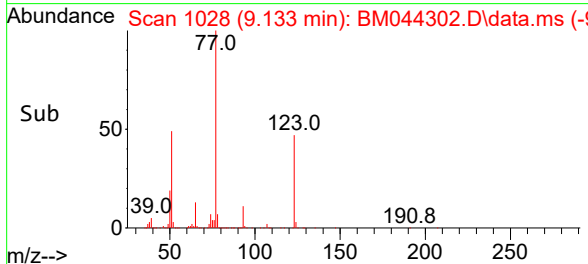
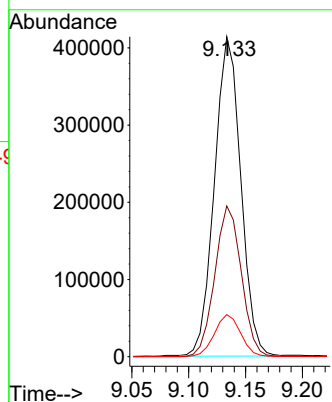
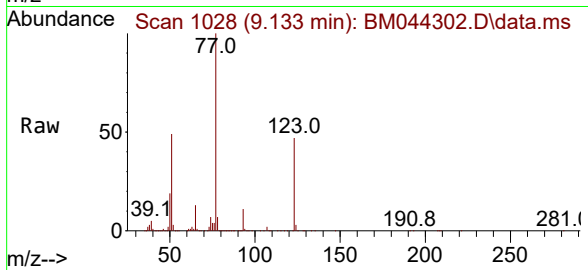




#22
Nitrobenzene
Concen: 35.105 ng/ul
RT: 9.133 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

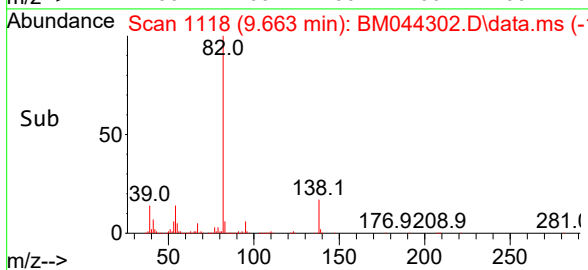
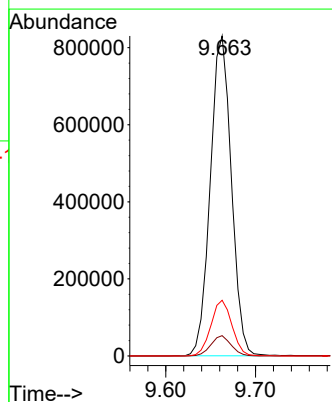
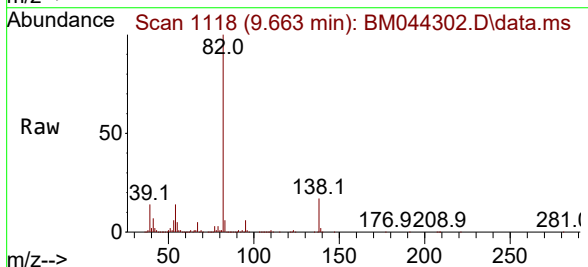
Instrument :
BNA_M
ClientSampleId :
SLCS152

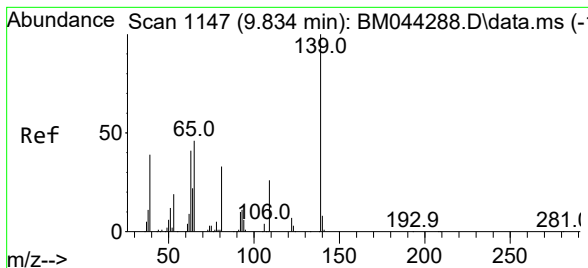
Tgt Ion: 77 Resp: 667008
Ion Ratio Lower Upper
77 100
123 47.1 36.9 55.3
65 13.1 10.2 15.2



#23
Isophorone
Concen: 36.766 ng/ul
RT: 9.663 min Scan# 1118
Delta R.T. 0.011 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion: 82 Resp: 1353898
Ion Ratio Lower Upper
82 100
95 6.3 4.6 7.0
138 17.4 13.5 20.3

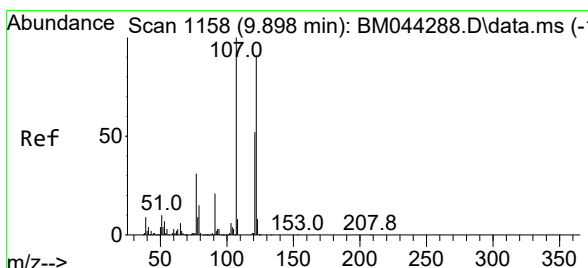
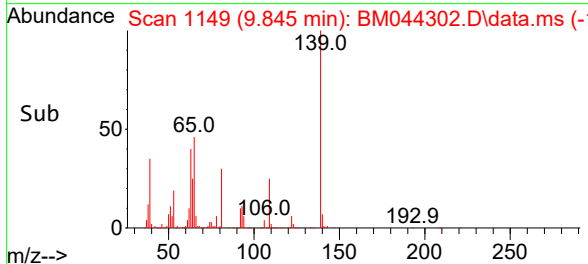
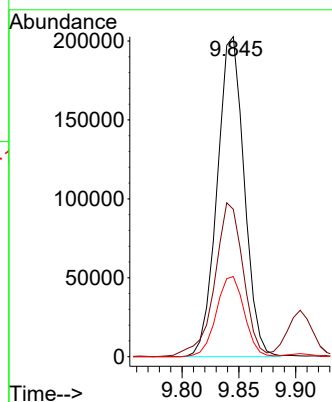
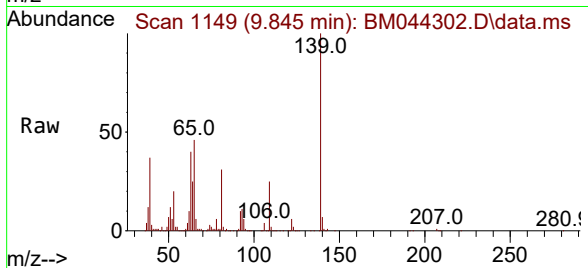




#25
2-Nitrophenol
Concen: 37.724 ng/ul
RT: 9.845 min Scan# 1147
Delta R.T. 0.011 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

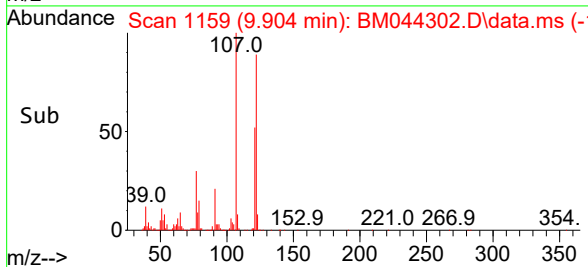
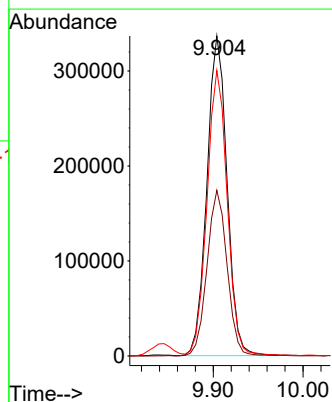
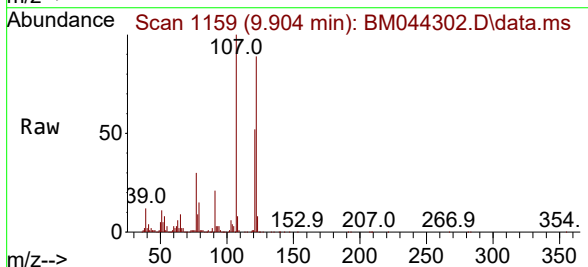
Instrument :
BNA_M
ClientSampleId :
SLCS152

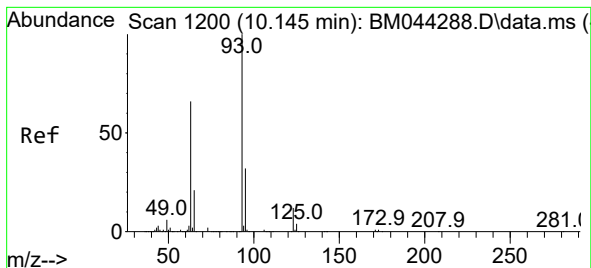
Tgt Ion:139 Resp: 335368
Ion Ratio Lower Upper
139 100
65 46.1 41.0 61.4
109 25.0 20.5 30.7



#26
2,4-Dimethylphenol
Concen: 30.930 ng/ul
RT: 9.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:107 Resp: 525033
Ion Ratio Lower Upper
107 100
121 51.7 41.1 61.7
122 89.2 72.3 108.5

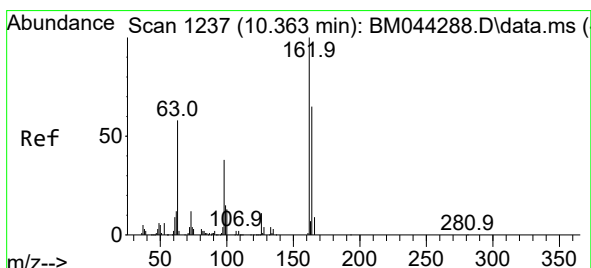
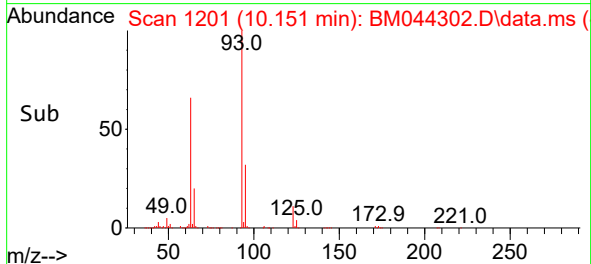
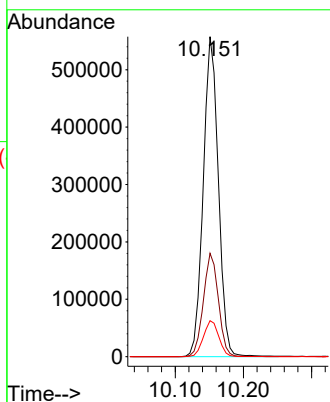
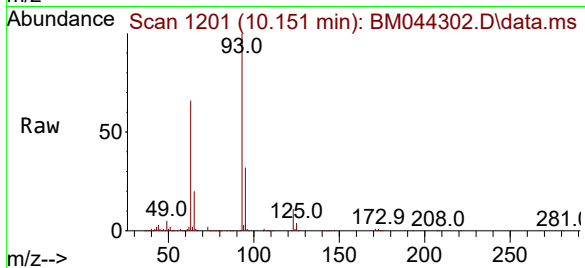




#27
Bis(2-Chloroethoxy)methane
Concen: 35.946 ng/ul
RT: 10.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

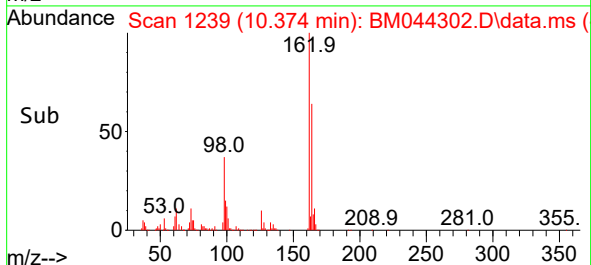
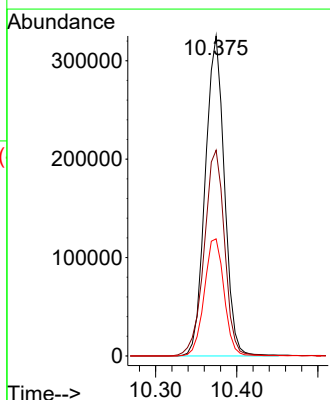
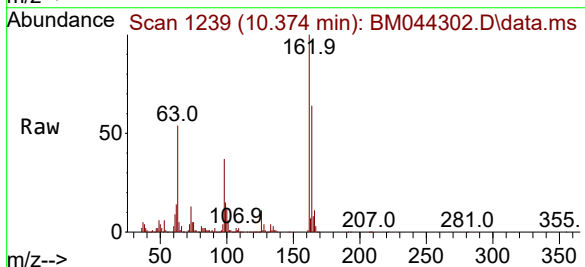
Instrument :
BNA_M
ClientSampleId :
SLCS152

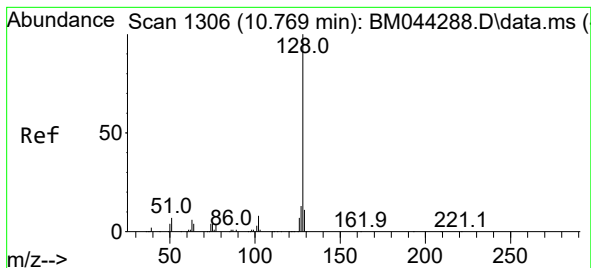
Tgt Ion: 93 Resp: 860519
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 11.3 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 37.223 ng/ul
RT: 10.374 min Scan# 1239
Delta R.T. 0.011 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion: 162 Resp: 532672
Ion Ratio Lower Upper
162 100
164 64.3 51.8 77.8
98 36.6 29.6 44.4





#30

Naphthalene

Concen: 34.994 ng/ul

RT: 10.774 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

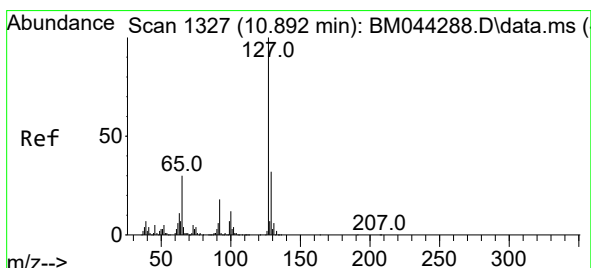
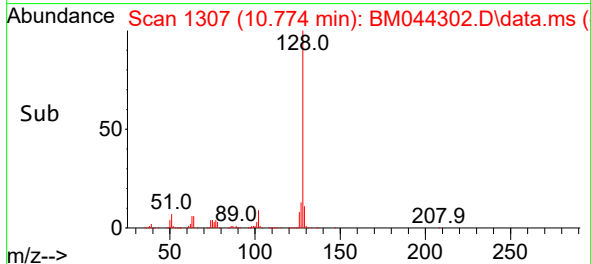
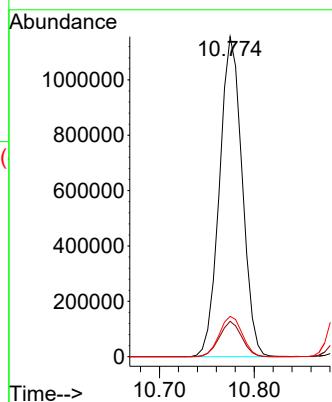
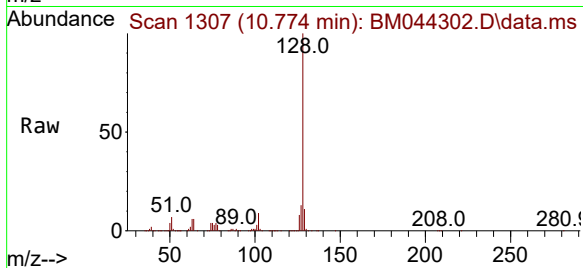
Tgt Ion:128 Resp: 1923082

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.6 10.2 15.2



#32

4-Chloroaniline

Concen: 27.638 ng/ul

RT: 10.898 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BM044302.D

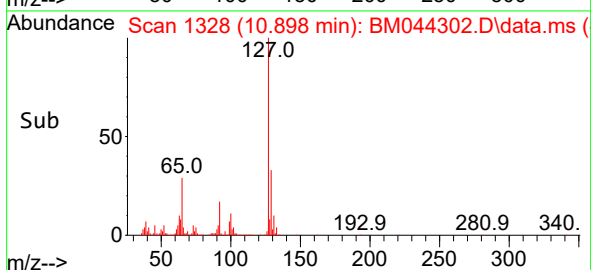
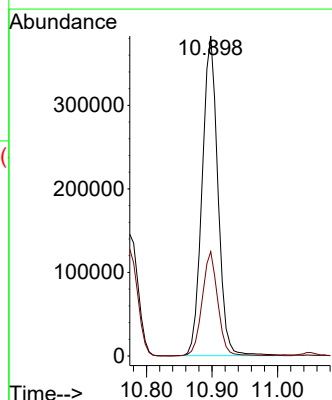
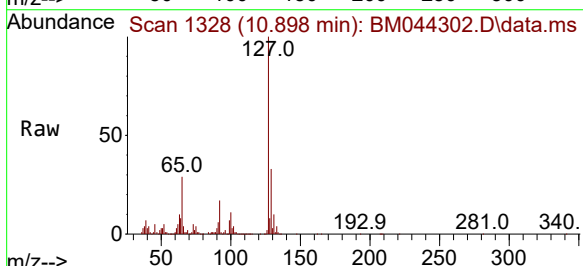
Acq: 24 Feb 2024 19:19

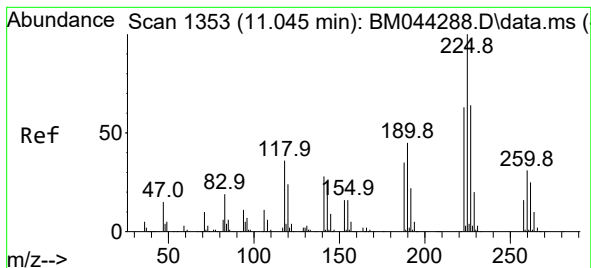
Tgt Ion:127 Resp: 639572

Ion Ratio Lower Upper

127 100

129 32.6 25.3 37.9





#33

Hexachlorobutadiene

Concen: 34.755 ng/ul

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

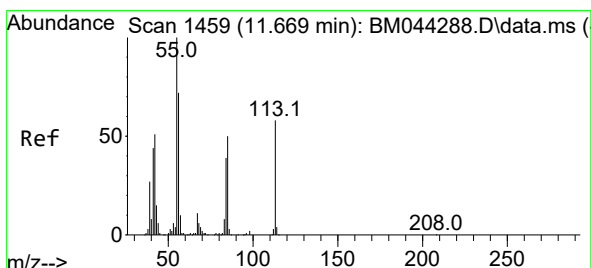
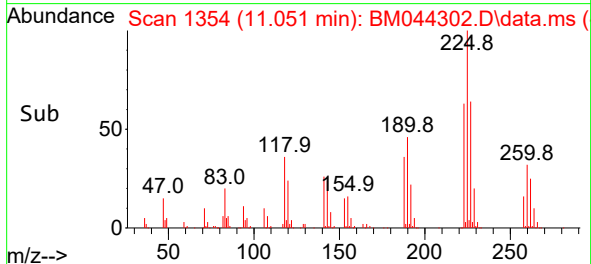
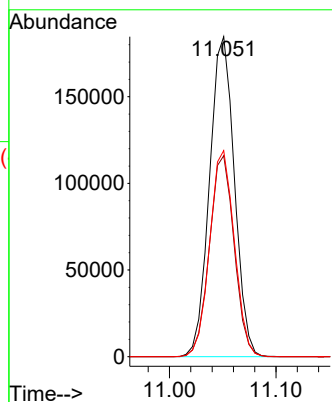
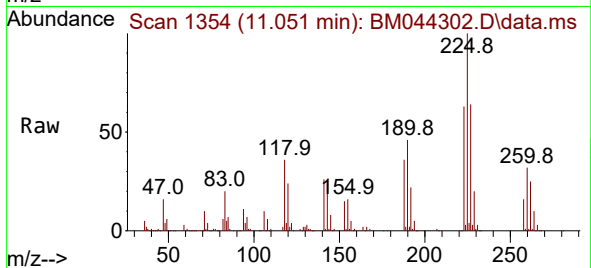
Tgt Ion:225 Resp: 299634

Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

227 64.4 52.2 78.2



#34

Caprolactam

Concen: 37.181 ng/ul

RT: 11.680 min Scan# 1461

Delta R.T. 0.011 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

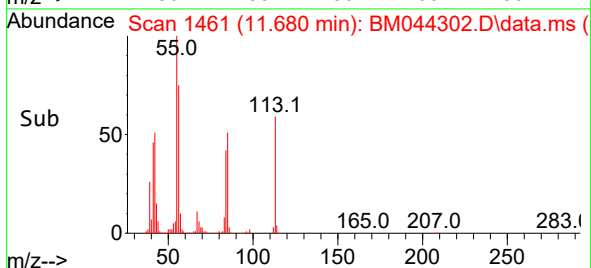
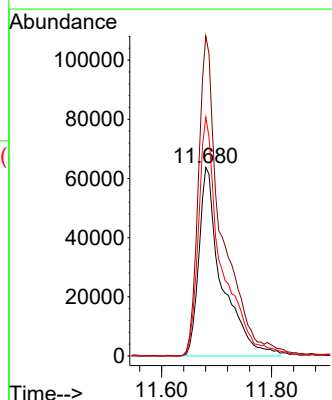
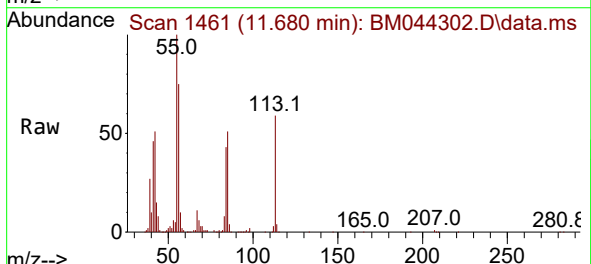
Tgt Ion:113 Resp: 183922

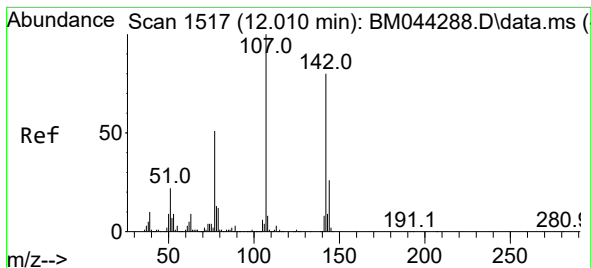
Ion Ratio Lower Upper

113 100

55 169.7 140.7 211.1

56 126.6 102.4 153.6

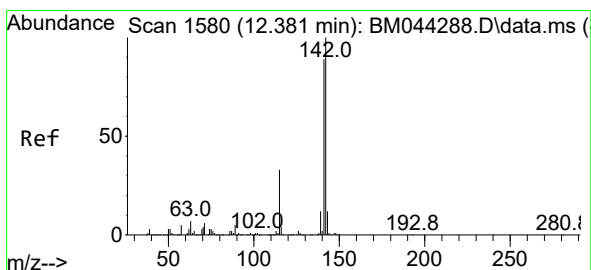
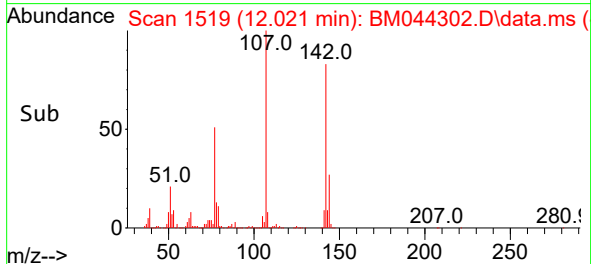
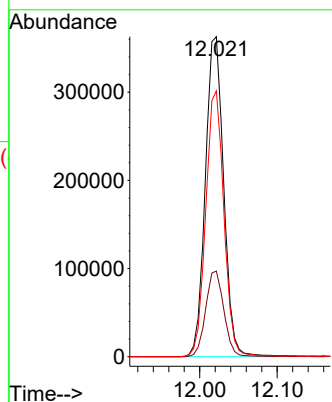
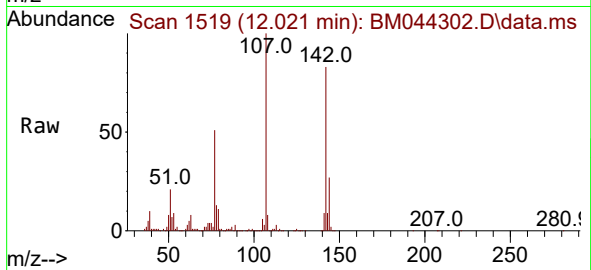




#35
4-Chloro-3-methylphenol
Concen: 39.179 ng/ul
RT: 12.021 min Scan# 1519
Delta R.T. 0.011 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

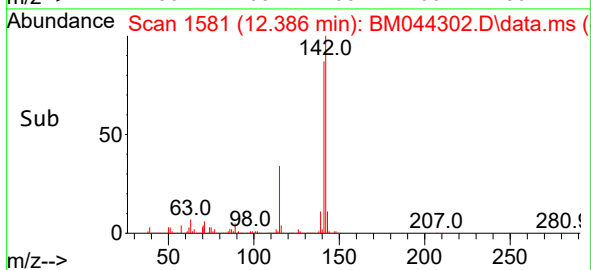
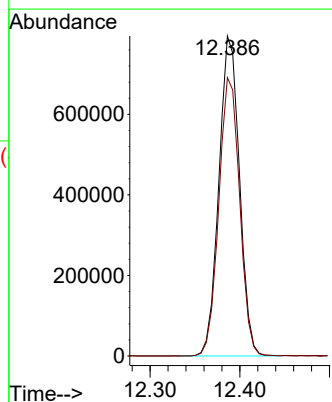
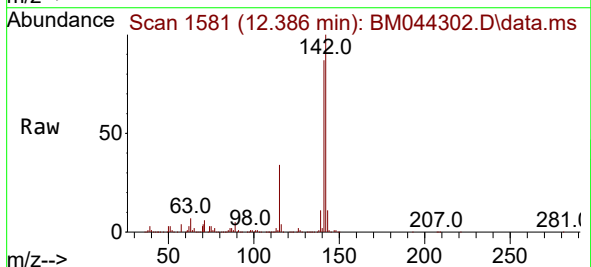
Instrument :
BNA_M
ClientSampleId :
SLCS152

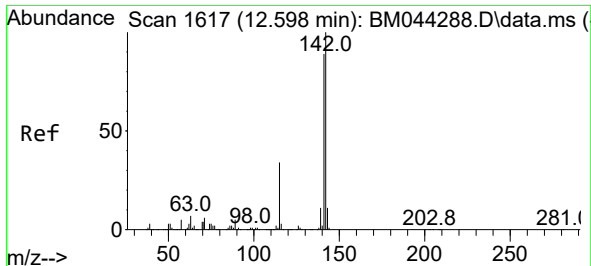
Tgt Ion:107 Resp: 597312
Ion Ratio Lower Upper
107 100
144 26.7 20.6 30.8
142 83.1 64.3 96.5



#36
2-Methylnaphthalene
Concen: 36.124 ng/ul
RT: 12.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:142 Resp: 1264488
Ion Ratio Lower Upper
142 100
141 87.0 70.5 105.7





#37

1-Methylnaphthalene

Concen: 35.772 ng/ul

RT: 12.610 min Scan# 1

Delta R.T. 0.011 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

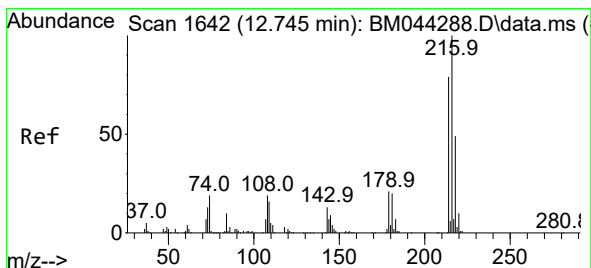
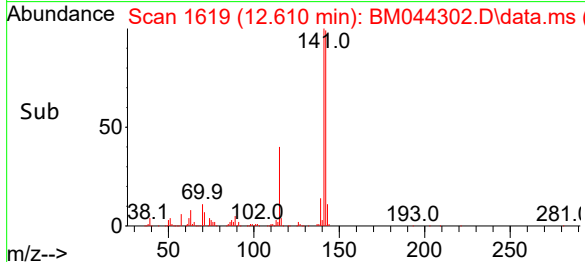
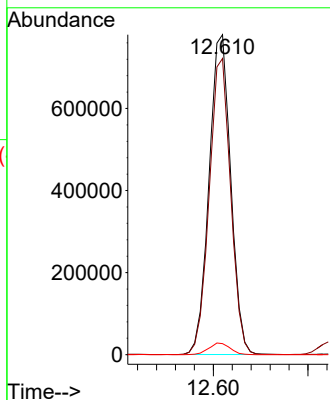
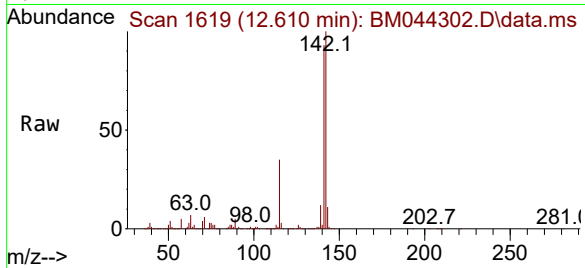
Tgt Ion:142 Resp: 1237817

Ion Ratio Lower Upper

142 100

141 92.5 73.0 109.4

116 3.5 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.366 ng/ul

RT: 12.751 min Scan# 1643

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Tgt Ion:216 Resp: 585011

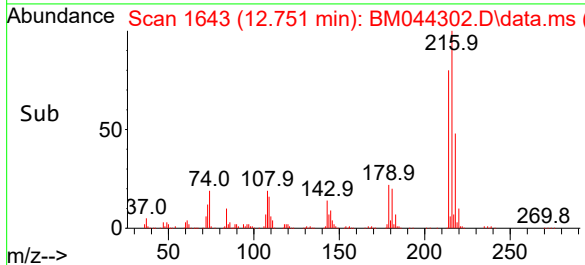
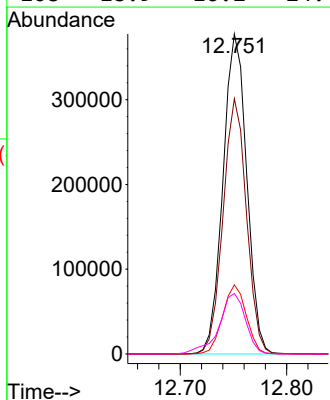
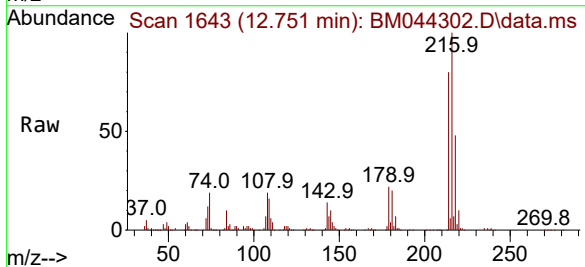
Ion Ratio Lower Upper

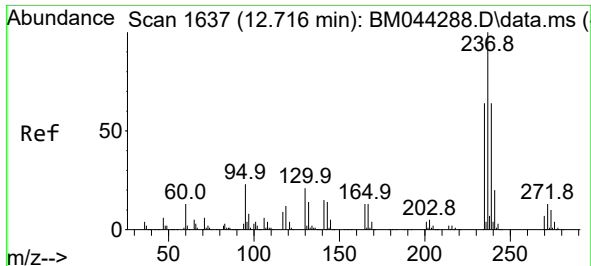
216 100

214 79.7 63.9 95.9

179 21.6 17.5 26.3

108 18.9 16.2 24.4

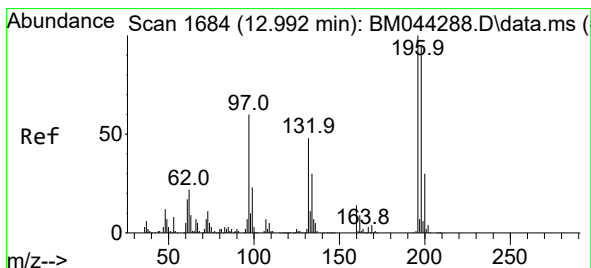
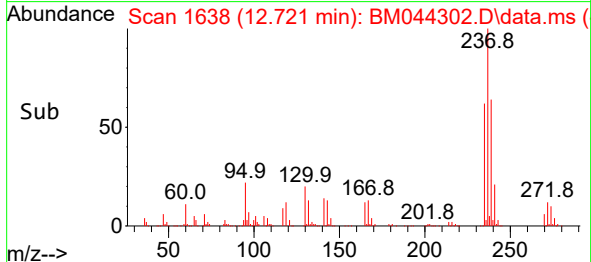
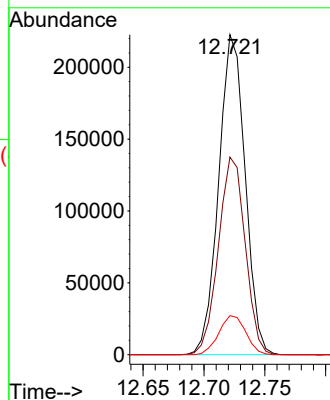
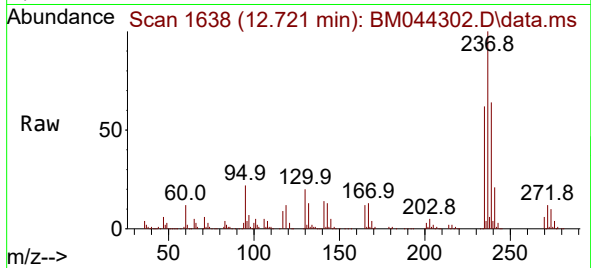




#40
Hexachlorocyclopentadiene
Concen: 30.240 ng/ul
RT: 12.721 min Scan# 1637
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

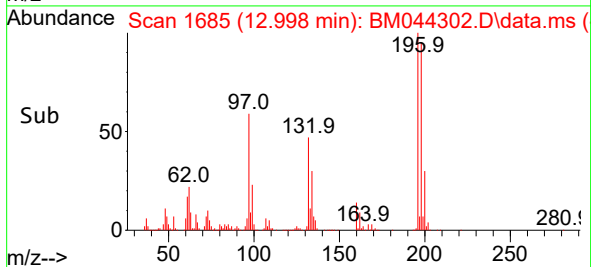
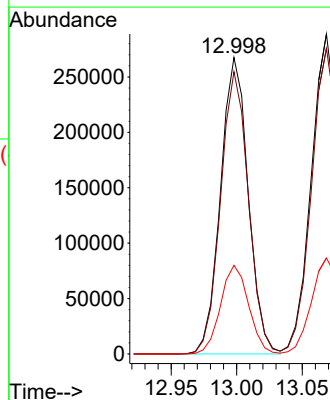
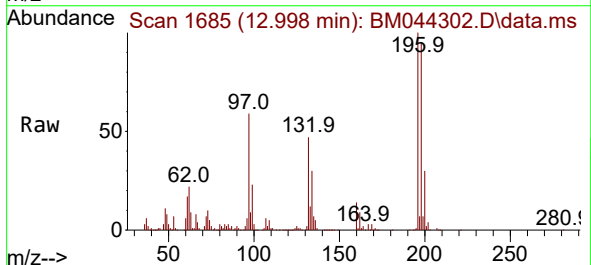
Instrument :
BNA_M
ClientSampleId :
SLCS152

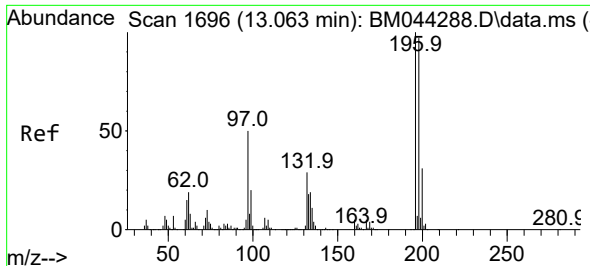
Tgt Ion:237 Resp: 336551
Ion Ratio Lower Upper
237 100
235 61.7 49.4 74.2
272 12.9 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 37.304 ng/ul
RT: 12.998 min Scan# 1685
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:196 Resp: 393333
Ion Ratio Lower Upper
196 100
198 95.2 76.1 114.1
200 29.9 25.1 37.7

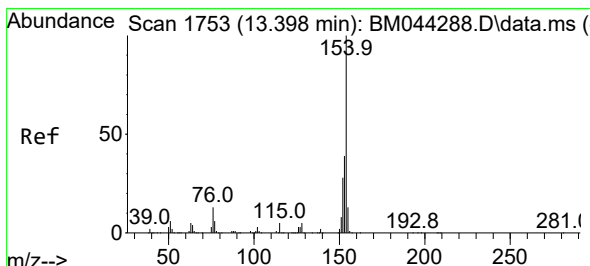
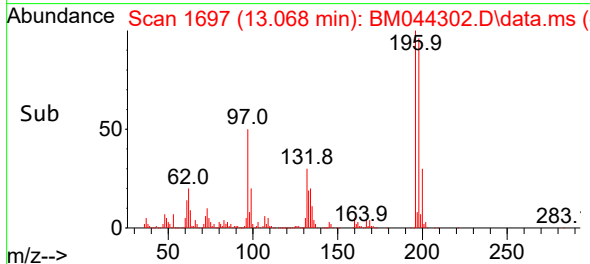
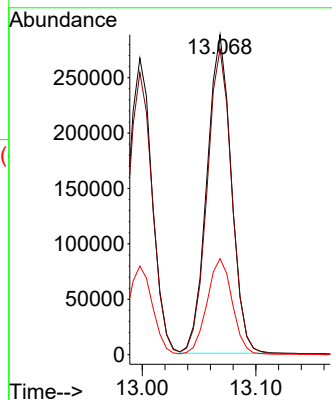
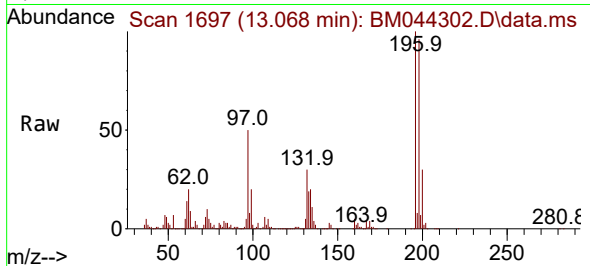




#42
2,4,5-Trichlorophenol
Concen: 37.610 ng/ul
RT: 13.068 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

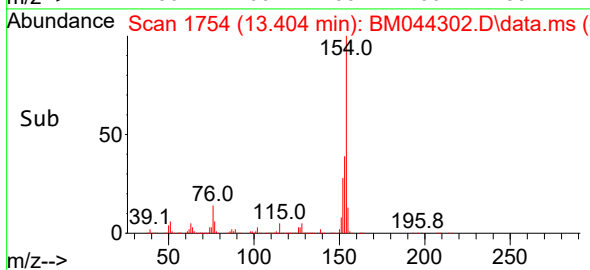
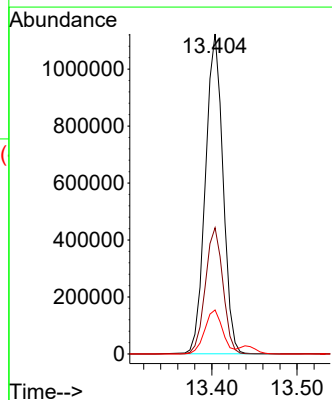
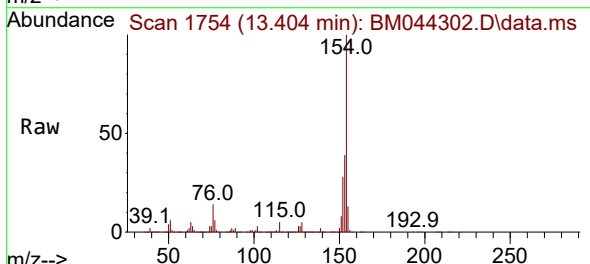
Instrument :
BNA_M
ClientSampleId :
SLCS152

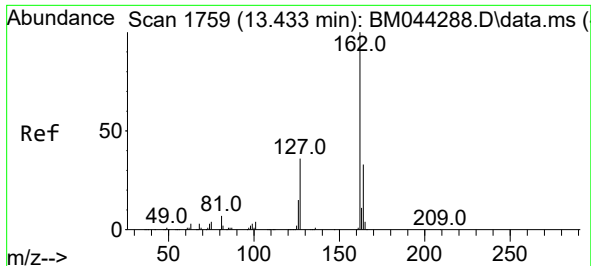
Tgt Ion:196 Resp: 428697
Ion Ratio Lower Upper
196 100
198 95.5 77.4 116.2
200 30.0 25.6 38.4



#43
1,1'-Biphenyl
Concen: 35.286 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:154 Resp: 1605250
Ion Ratio Lower Upper
154 100
153 39.4 32.4 48.6
76 13.8 11.6 17.4

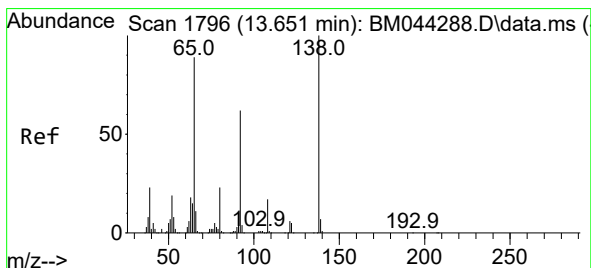
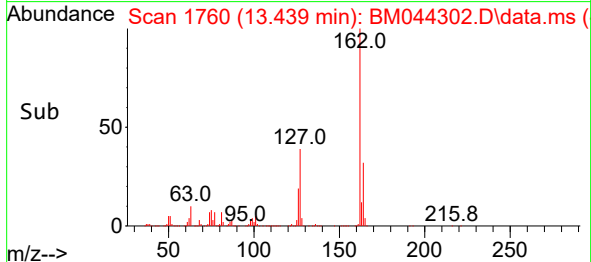
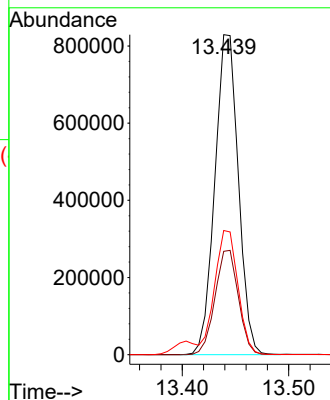
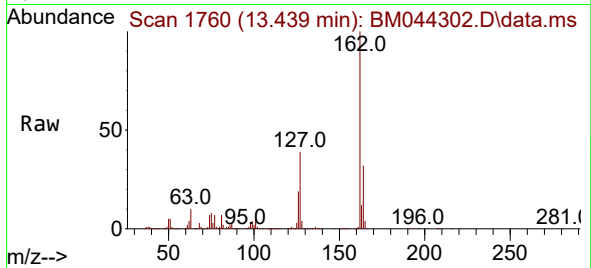




#44
2-Chloronaphthalene
Concen: 35.644 ng/ul
RT: 13.439 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

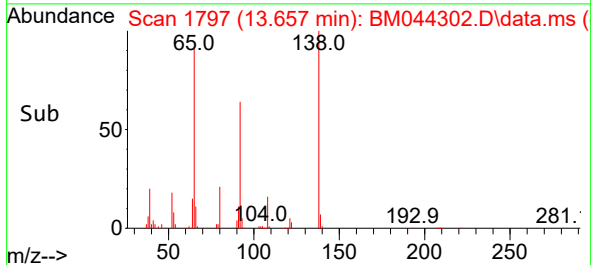
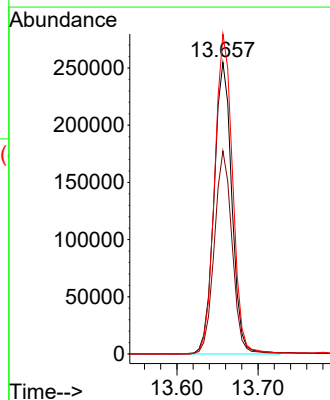
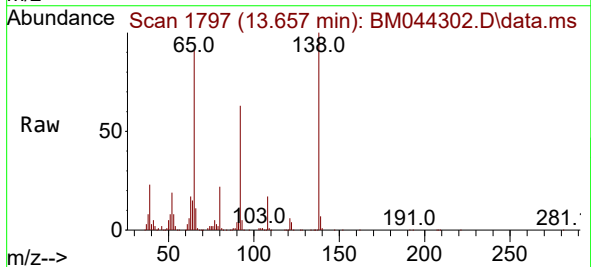
Instrument :
BNA_M
ClientSampleId :
SLCS152

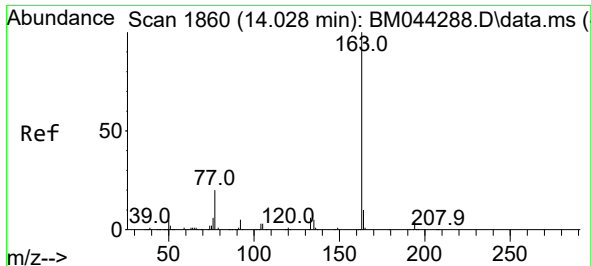
Tgt Ion:162 Resp: 1269665
Ion Ratio Lower Upper
162 100
164 32.3 26.1 39.1
127 38.8 30.9 46.3



#45
2-Nitroaniline
Concen: 39.576 ng/ul
RT: 13.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion: 65 Resp: 390297
Ion Ratio Lower Upper
65 100
92 69.6 52.5 78.7
138 109.8 86.4 129.6

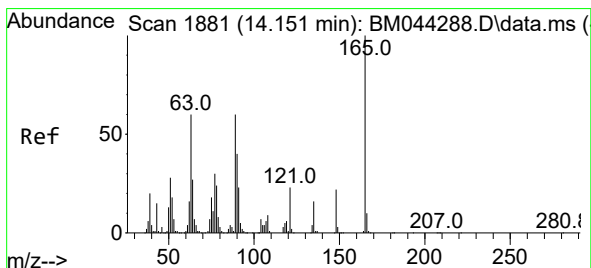
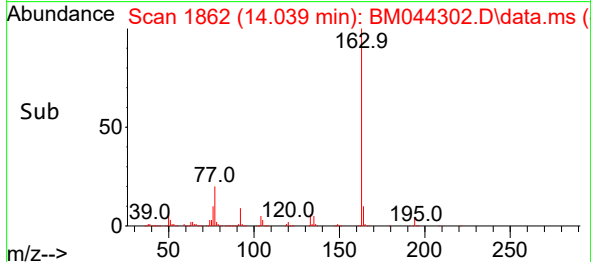
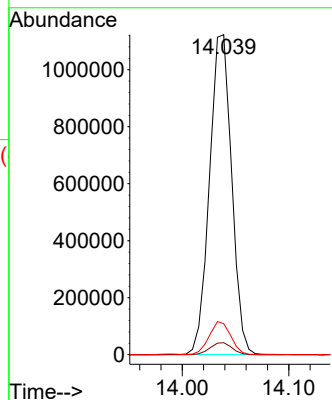
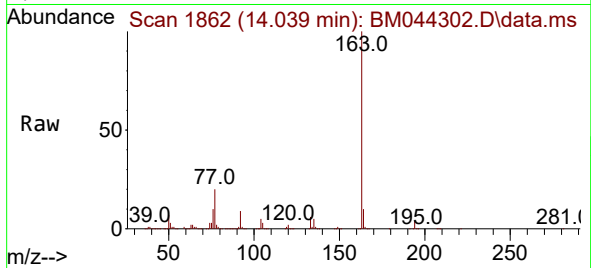




#47
Dimethylphthalate
Concen: 36.747 ng/ul
RT: 14.039 min Scan# 1862
Delta R.T. 0.011 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

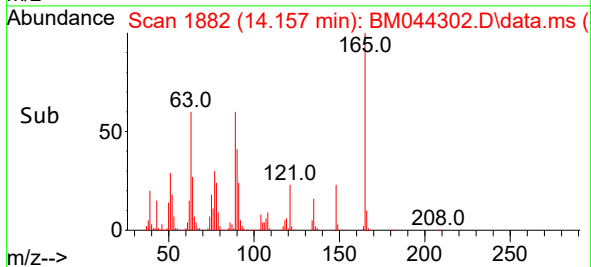
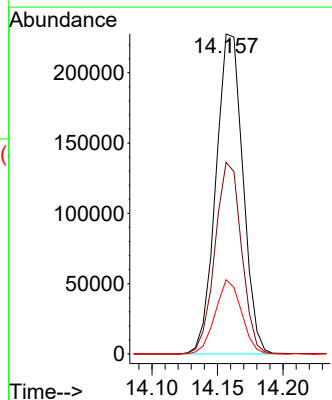
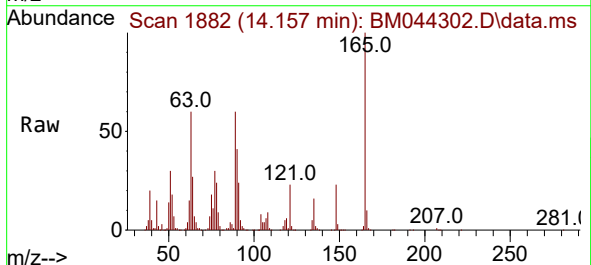
Instrument :
BNA_M
ClientSampleId :
SLCS152

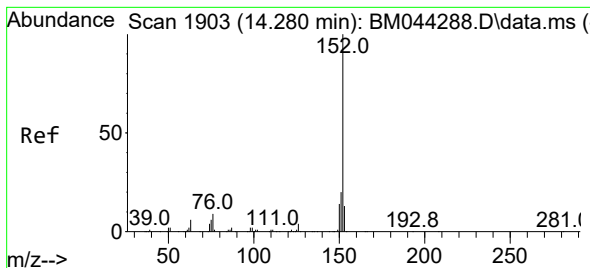
Tgt Ion:163 Resp: 1618590
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.7 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 39.607 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:165 Resp: 326249
Ion Ratio Lower Upper
165 100
89 59.9 48.2 72.2
121 23.2 18.7 28.1





#50

Acenaphthylene

Concen: 36.078 ng/ul

RT: 14.286 min Scan# 1903

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

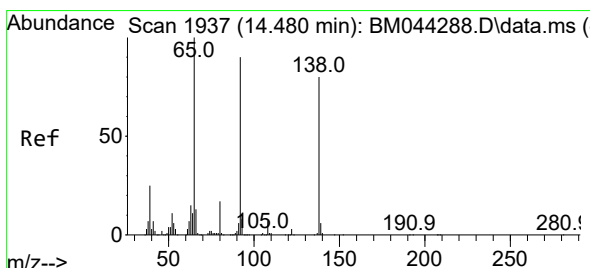
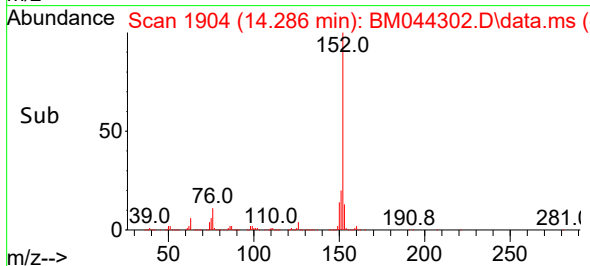
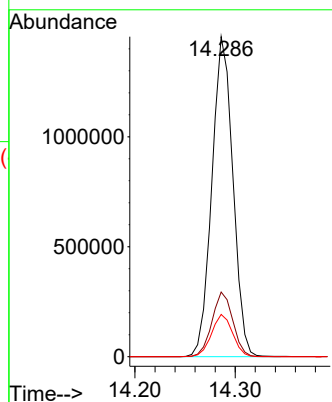
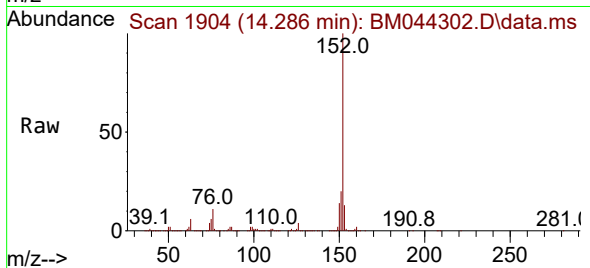
Tgt Ion:152 Resp: 2118886

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.6

153 13.2 10.4 15.6



#51

3-Nitroaniline

Concen: 40.203 ng/ul

RT: 14.486 min Scan# 1938

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

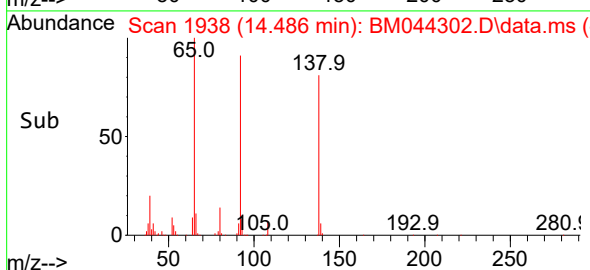
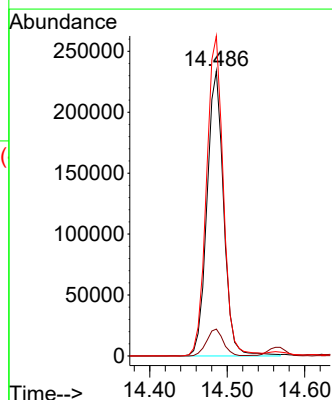
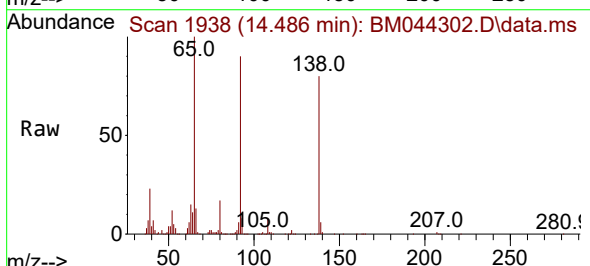
Tgt Ion:138 Resp: 349363

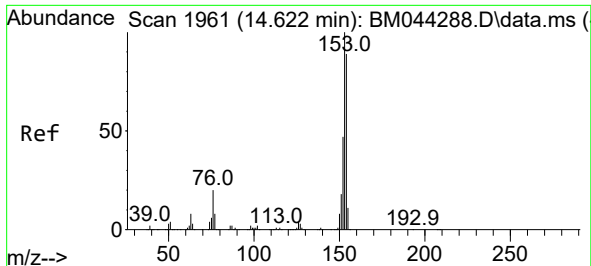
Ion Ratio Lower Upper

138 100

108 9.4 8.6 12.8

92 112.3 93.8 140.6

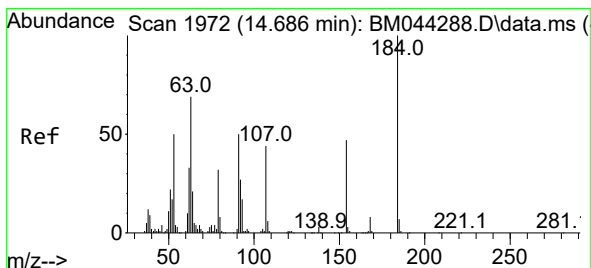
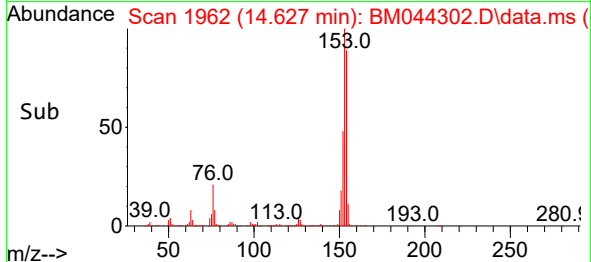
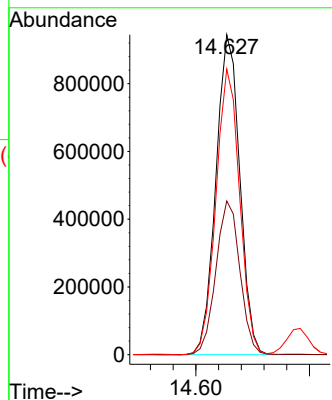
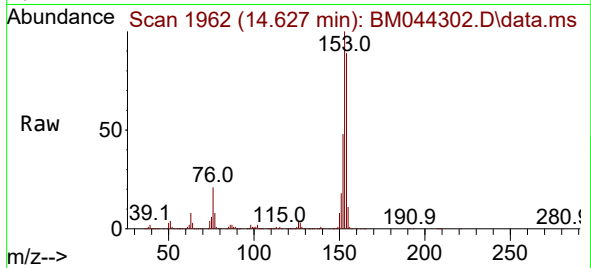




#52
Acenaphthene
Concen: 35.659 ng/ul
RT: 14.627 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

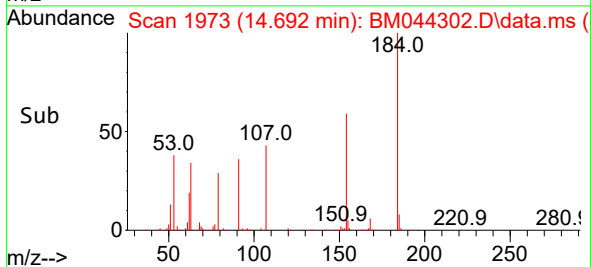
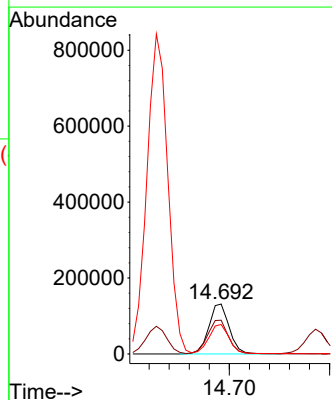
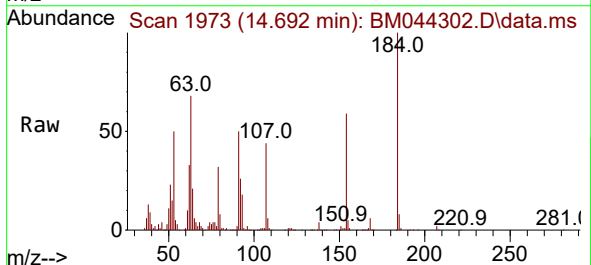
Instrument :
BNA_M
ClientSampleId :
SLCS152

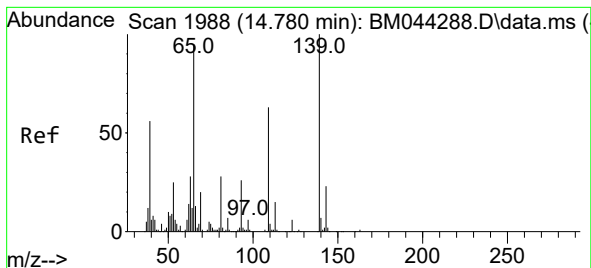
Tgt Ion:153 Resp: 1382579
Ion Ratio Lower Upper
153 100
152 48.0 38.5 57.7
154 89.2 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 36.462 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:184 Resp: 186370
Ion Ratio Lower Upper
184 100
63 67.5 58.4 87.6
154 58.9 46.4 69.6

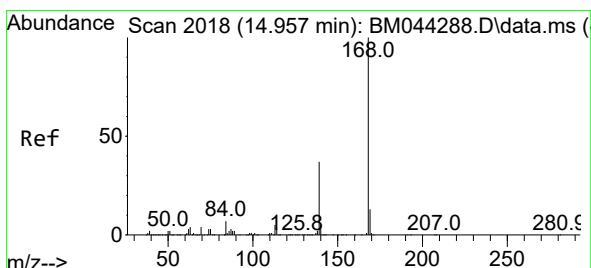
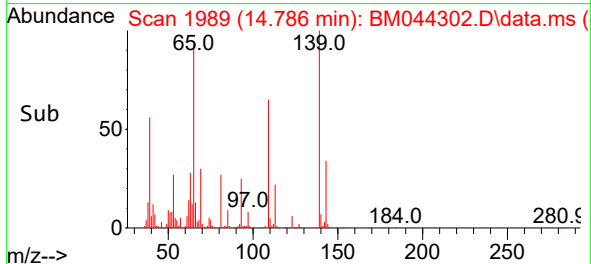
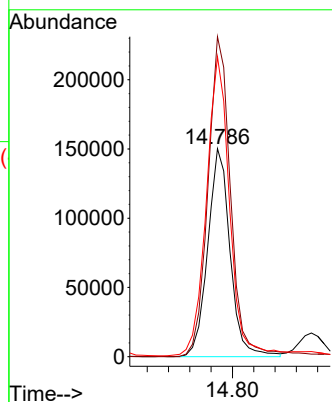
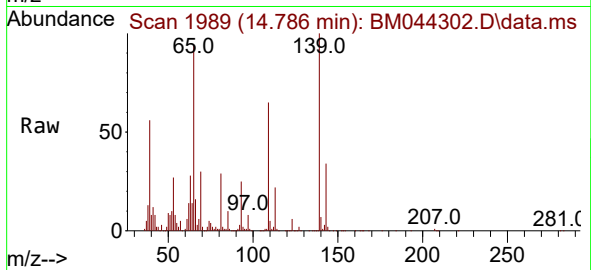




#55
4-Nitrophenol
Concen: 37.165 ng/ul
RT: 14.786 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

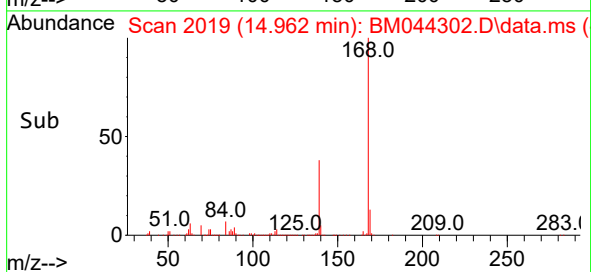
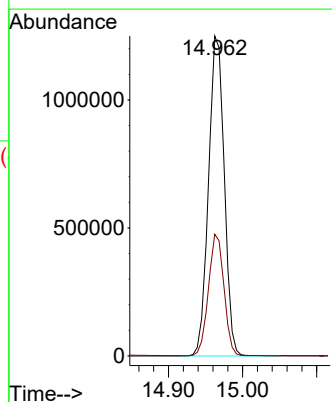
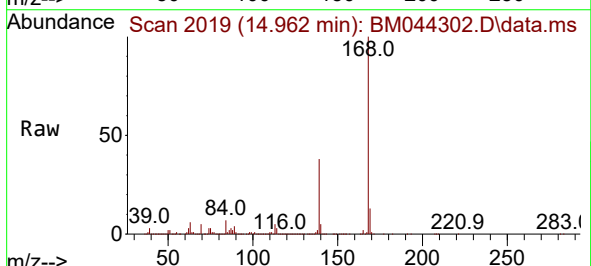
Instrument :
BNA_M
ClientSampleId :
SLCS152

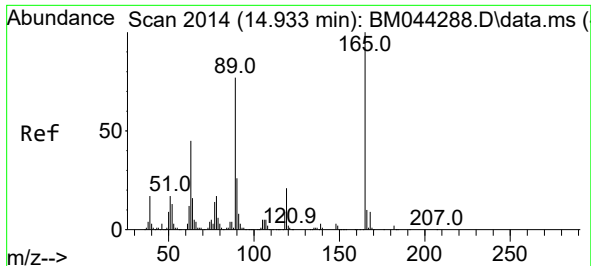
Tgt Ion:109 Resp: 218949
Ion Ratio Lower Upper
109 100
139 153.8 123.0 184.6
65 144.2 122.2 183.2



#56
Dibenzofuran
Concen: 35.463 ng/ul
RT: 14.962 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:168 Resp: 1845821
Ion Ratio Lower Upper
168 100
139 38.1 29.9 44.9





#57

2,4-Dinitrotoluene

Concen: 39.966 ng/ul

RT: 14.939 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

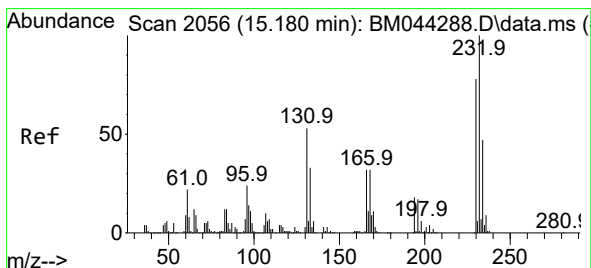
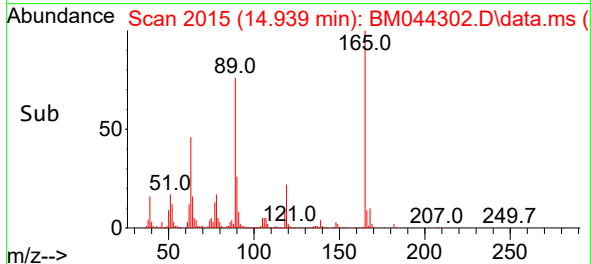
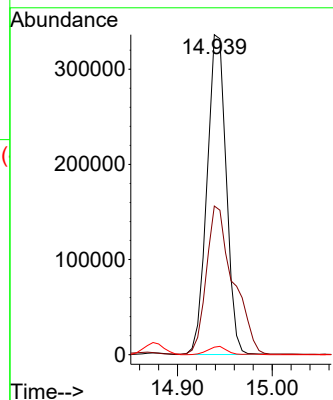
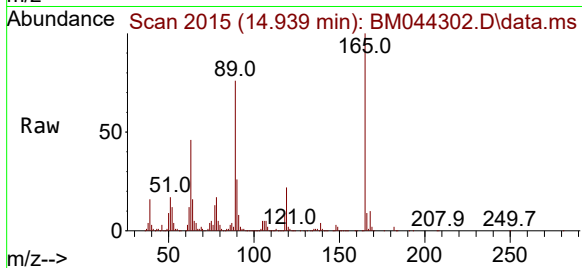
Tgt Ion:165 Resp: 472951

Ion Ratio Lower Upper

165 100

63 46.4 37.9 56.9

182 2.4 1.8 2.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.170 ng/ul

RT: 15.186 min Scan# 2057

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Tgt Ion:232 Resp: 331796

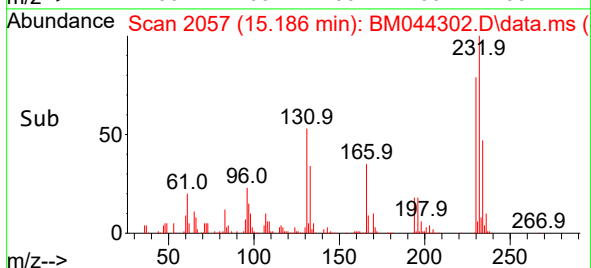
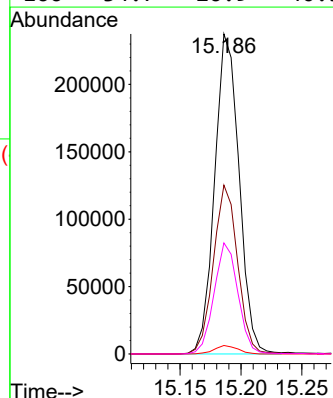
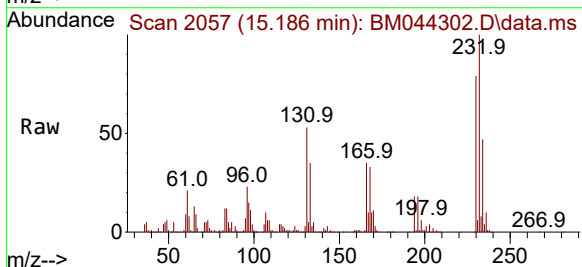
Ion Ratio Lower Upper

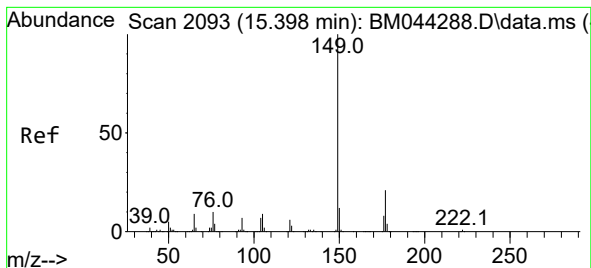
232 100

131 52.7 41.9 62.9

130 2.6 1.8 2.8

166 34.7 26.9 40.3





#59

Diethylphthalate

Concen: 37.237 ng/ul

RT: 15.404 min Scan# 2093

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

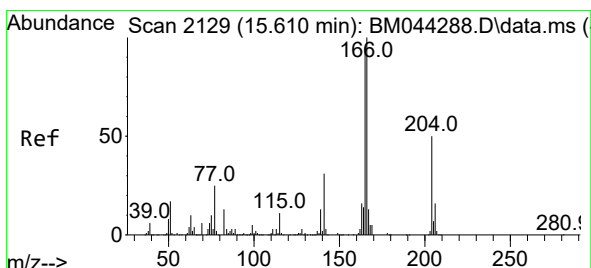
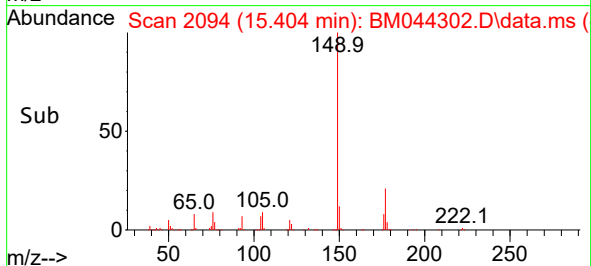
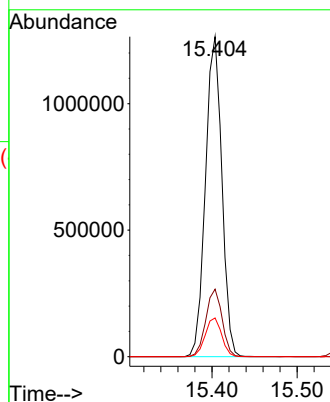
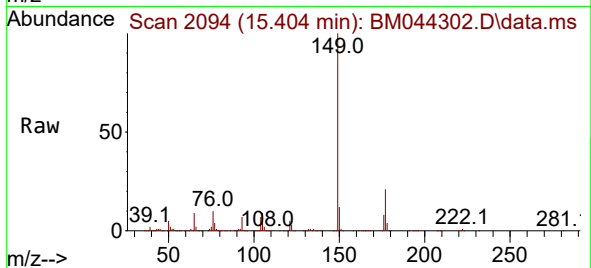
Tgt Ion:149 Resp: 1688289

Ion Ratio Lower Upper

149 100

177 21.1 17.0 25.6

150 12.1 9.6 14.4



#61

Fluorene

Concen: 35.987 ng/ul

RT: 15.615 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

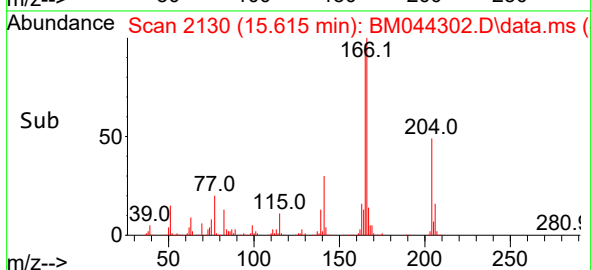
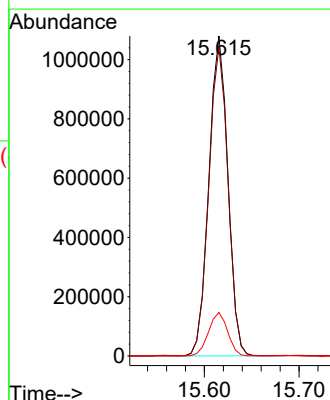
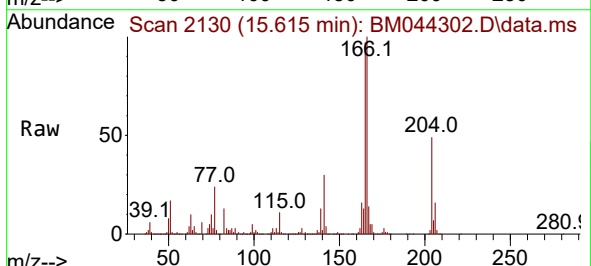
Tgt Ion:166 Resp: 1504416

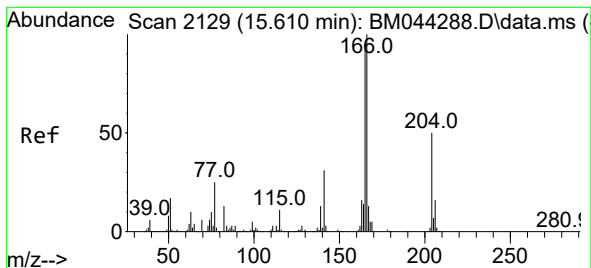
Ion Ratio Lower Upper

166 100

165 96.5 77.4 116.0

167 13.6 10.8 16.2

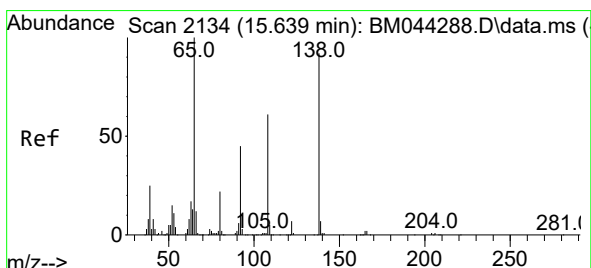
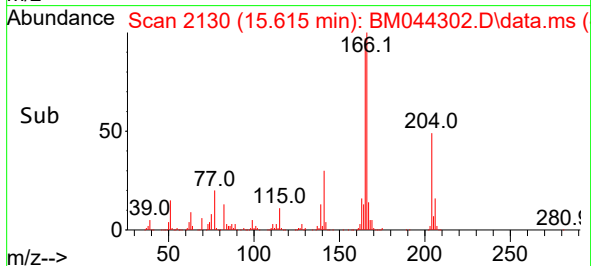
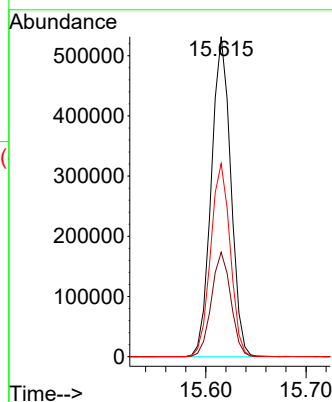
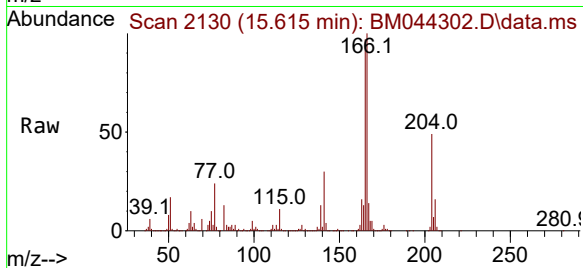




#62
4-Chlorophenyl-phenylether
Concen: 36.483 ng/ul
RT: 15.615 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

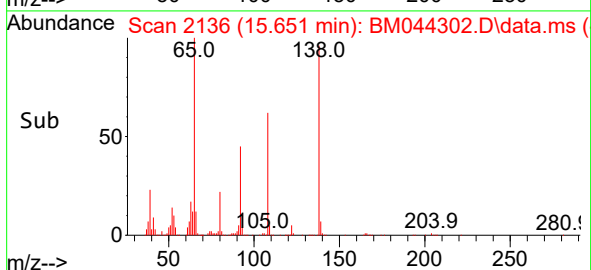
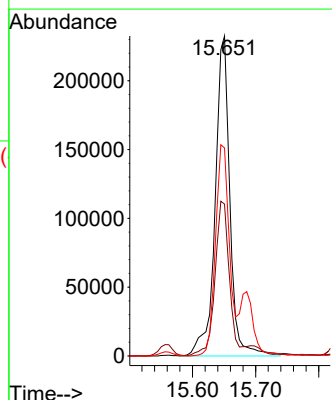
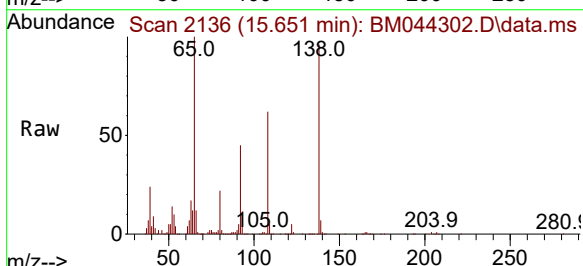
Instrument :
BNA_M
ClientSampleId :
SLCS152

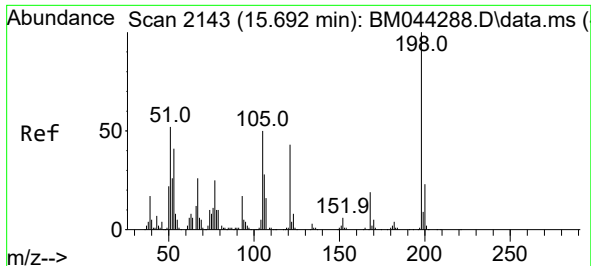
Tgt Ion:204 Resp: 718783
Ion Ratio Lower Upper
204 100
206 32.7 26.9 40.3
141 60.4 48.3 72.5



#63
4-Nitroaniline
Concen: 44.966 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. 0.011 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:138 Resp: 377937
Ion Ratio Lower Upper
138 100
92 47.5 40.9 61.3
108 65.0 55.1 82.7

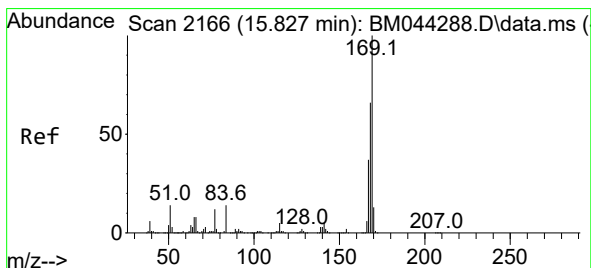
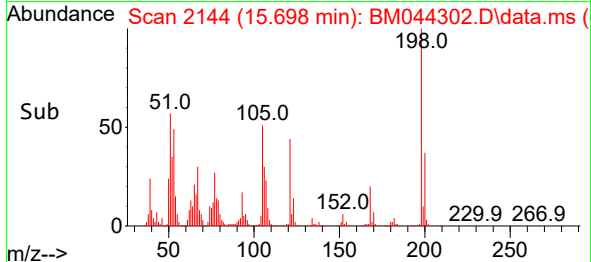
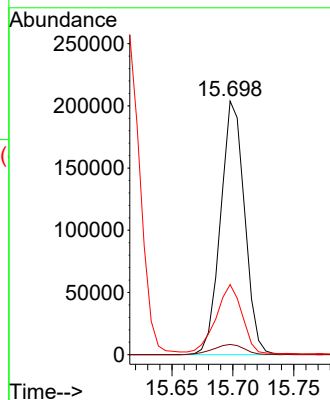
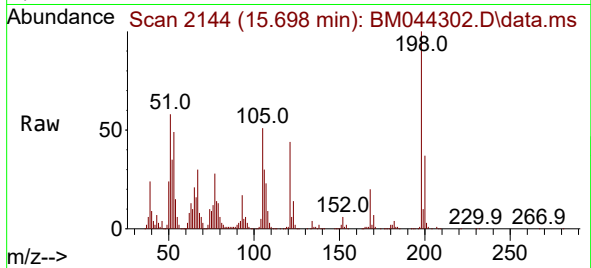




#66
4,6-Dinitro-2-methylphenol
Concen: 35.626 ng/ul
RT: 15.698 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

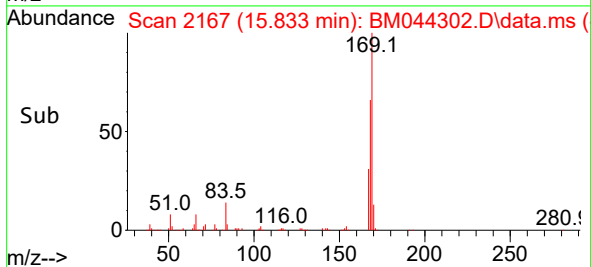
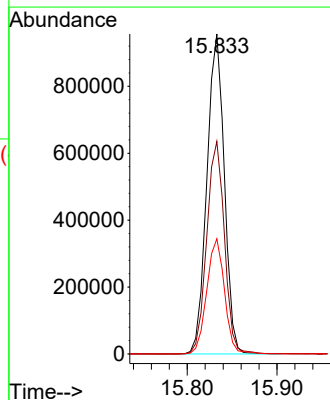
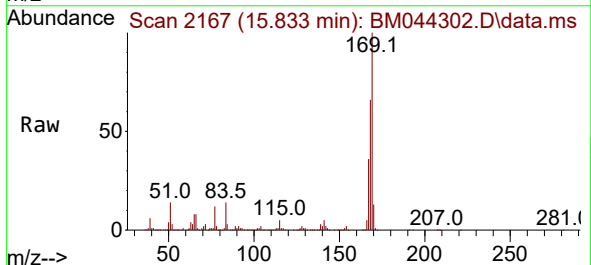
Instrument :
BNA_M
ClientSampleId :
SLCS152

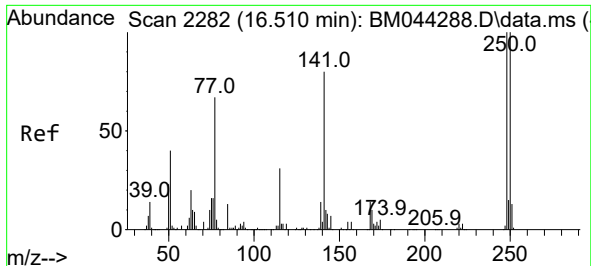
Tgt Ion:198 Resp: 280258
Ion Ratio Lower Upper
198 100
182 4.0 3.8 5.8
77 27.6 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 36.673 ng/ul
RT: 15.833 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:169 Resp: 1288009
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.0 29.2 43.8

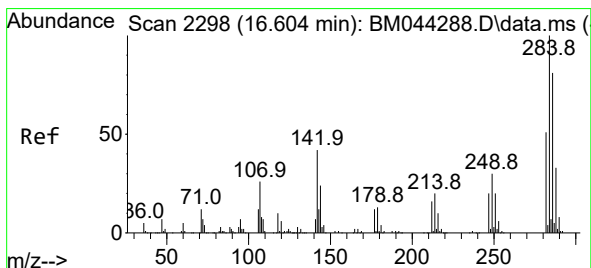
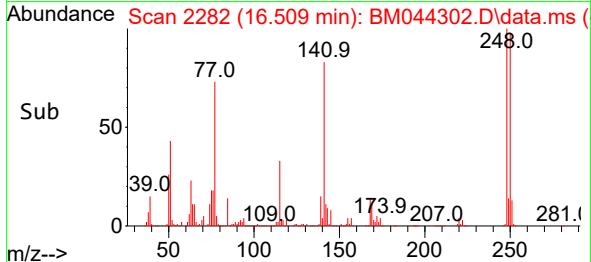
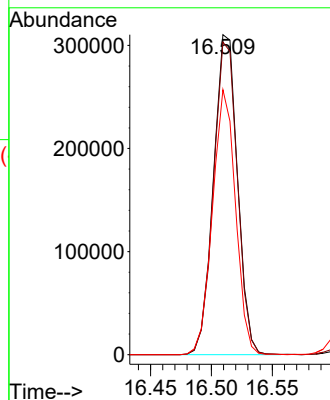
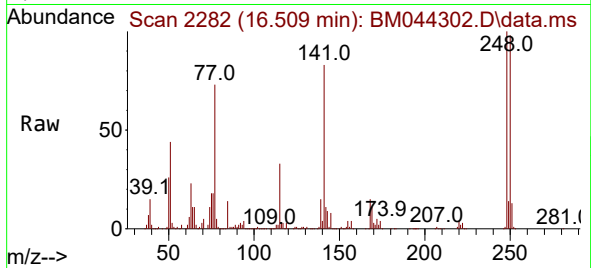




#68
4-Bromophenyl-phenylether
Concen: 37.008 ng/ul
RT: 16.509 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

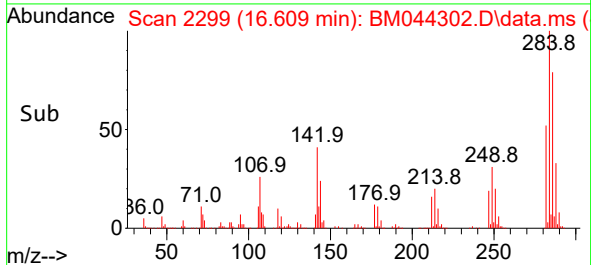
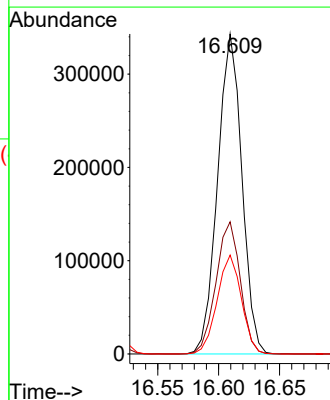
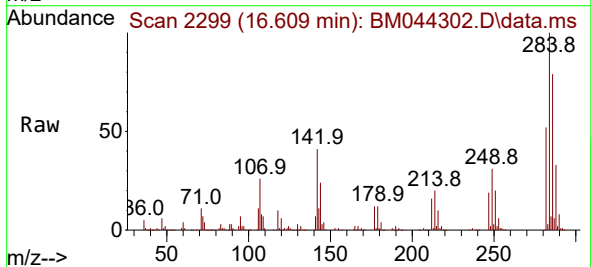
Instrument :
BNA_M
ClientSampleId :
SLCS152

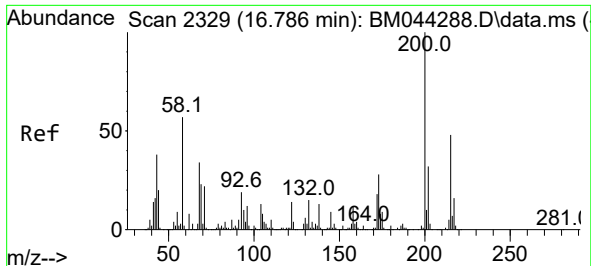
Tgt Ion:248 Resp: 426149
Ion Ratio Lower Upper
248 100
250 97.7 79.8 119.8
141 82.8 65.8 98.8



#69
Hexachlorobenzene
Concen: 36.116 ng/ul
RT: 16.609 min Scan# 2299
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:284 Resp: 476006
Ion Ratio Lower Upper
284 100
142 41.3 33.4 50.2
249 30.9 24.7 37.1

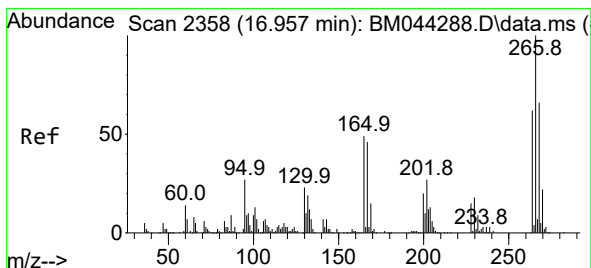
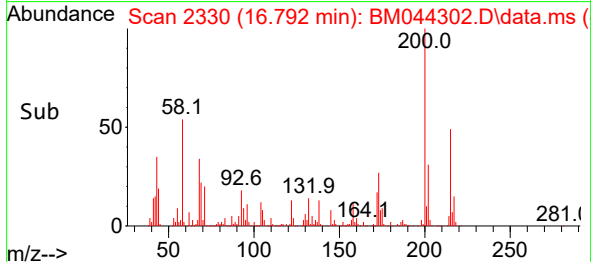
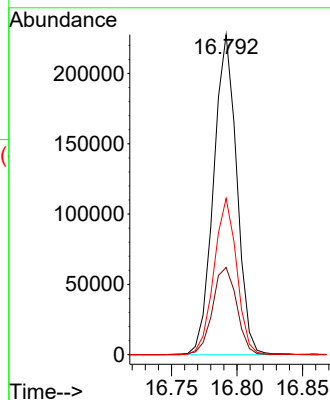
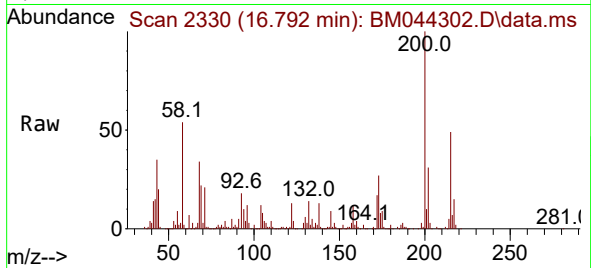




#70
Atrazine
Concen: 24.256 ng/ul
RT: 16.792 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

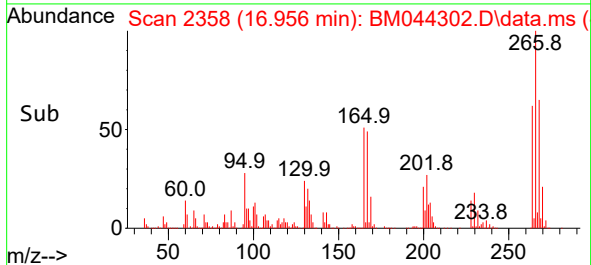
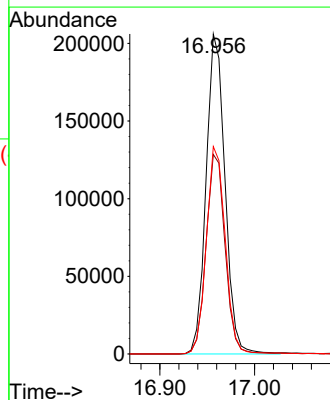
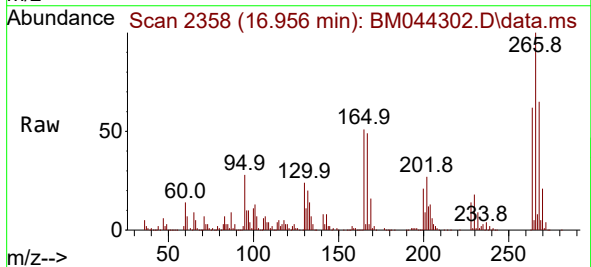
Instrument :
BNA_M
ClientSampleId :
SLCS152

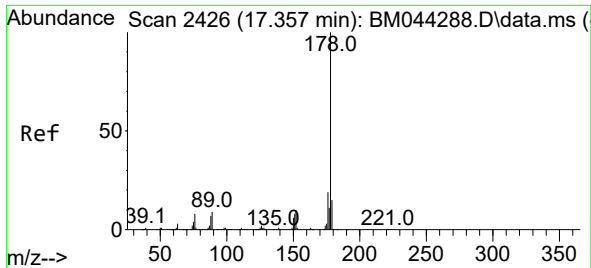
Tgt Ion:200 Resp: 279067
Ion Ratio Lower Upper
200 100
173 27.2 22.5 33.7
215 48.9 37.8 56.6



#71
Pentachlorophenol
Concen: 32.755 ng/ul
RT: 16.956 min Scan# 2358
Delta R.T. -0.000 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:266 Resp: 284498
Ion Ratio Lower Upper
266 100
264 62.4 50.9 76.3
268 64.8 51.1 76.7

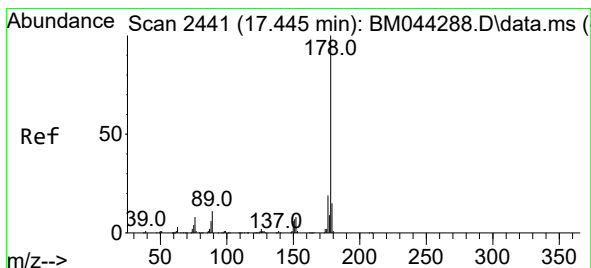
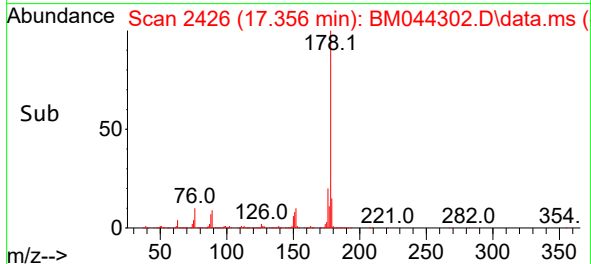
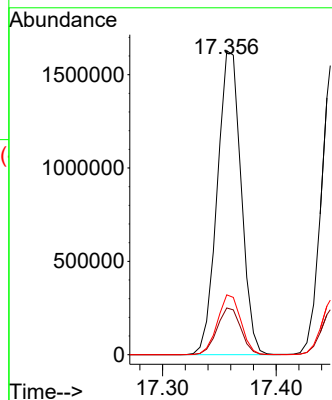
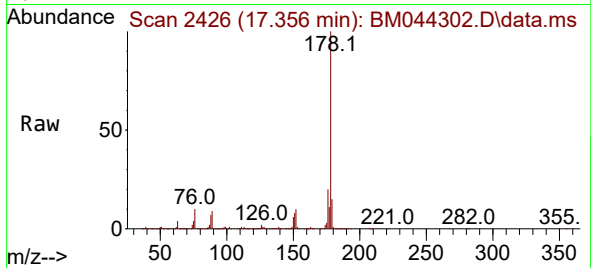




#72
Phenanthrene
Concen: 35.713 ng/ul
RT: 17.356 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

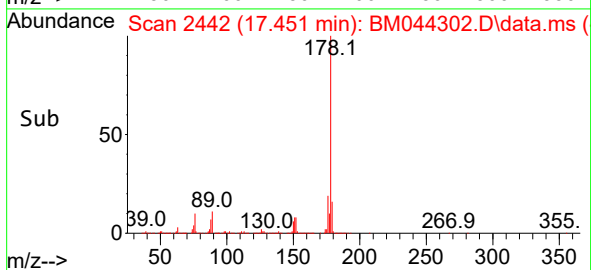
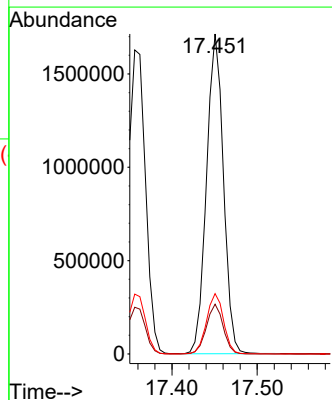
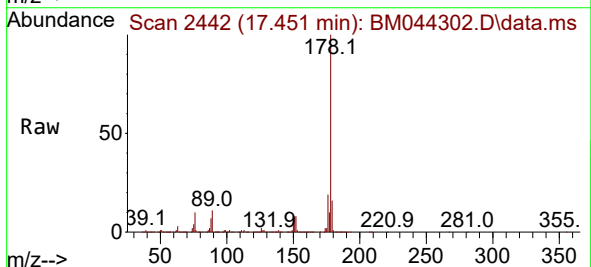
Instrument :
BNA_M
ClientSampleId :
SLCS152

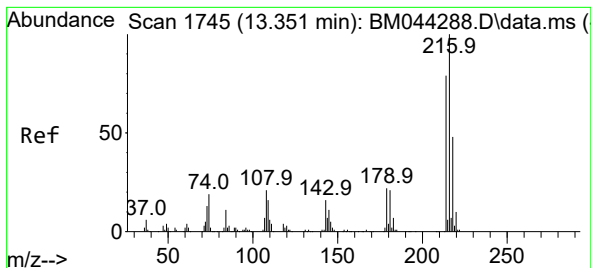
Tgt Ion:178 Resp: 2374421
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.7 15.6 23.4



#74
Anthracene
Concen: 35.306 ng/ul
RT: 17.451 min Scan# 2442
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:178 Resp: 2363432
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 18.8 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 36.191 ng/uL

RT: 13.363 min Scan# 1

Delta R.T. 0.011 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

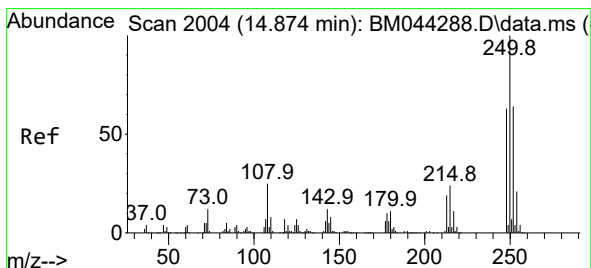
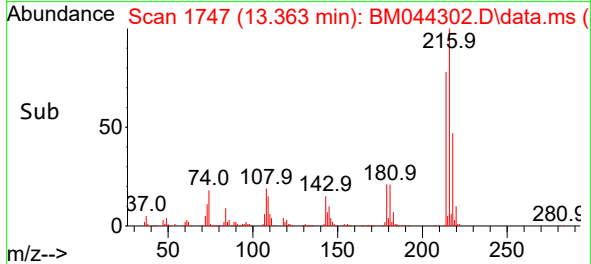
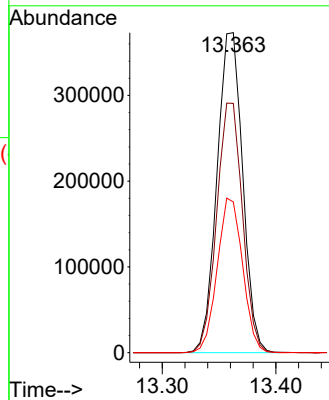
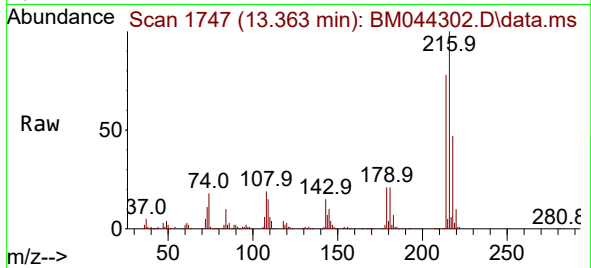
Tgt Ion:216 Resp: 587147

Ion Ratio Lower Upper

216 100

214 77.9 61.9 92.9

218 47.1 37.9 56.9



#76

Pentachlorobenzene

Concen: 35.734 ng/uL

RT: 14.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

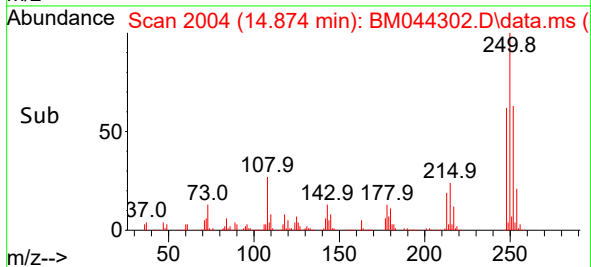
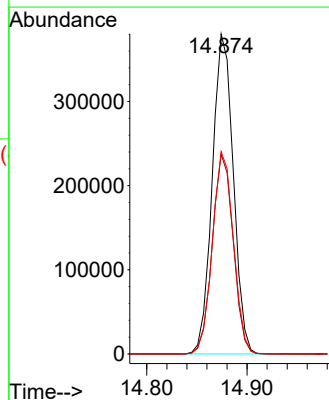
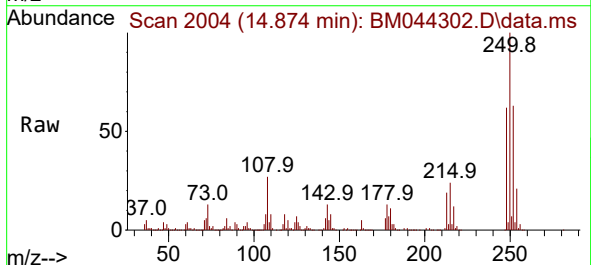
Tgt Ion:250 Resp: 553439

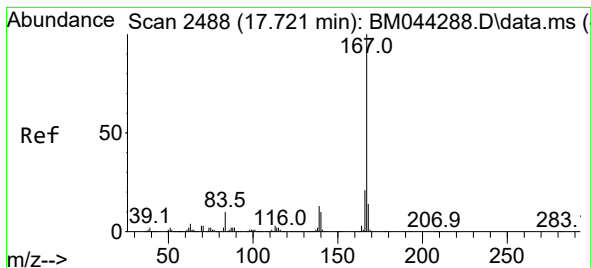
Ion Ratio Lower Upper

250 100

248 62.4 48.6 73.0

252 63.2 50.0 75.0





#77

Carbazole

Concen: 35.898 ng/ul

RT: 17.727 min Scan# 2489

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

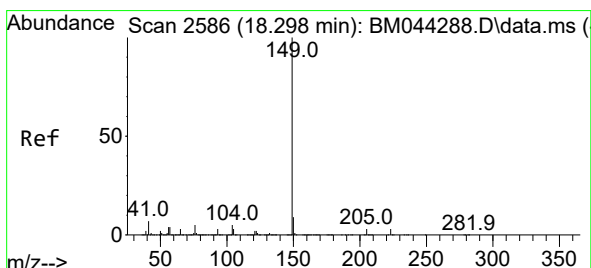
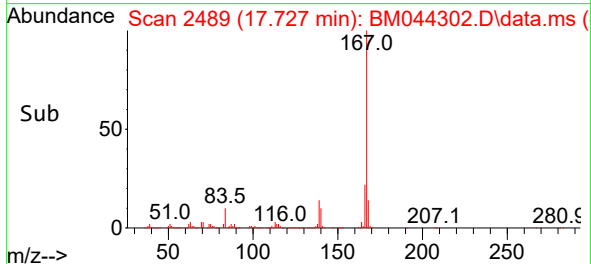
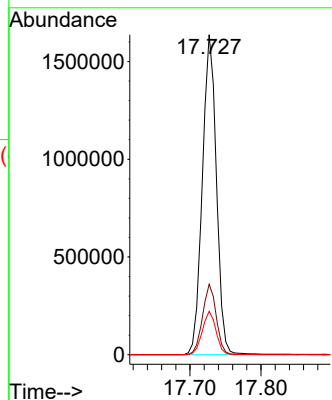
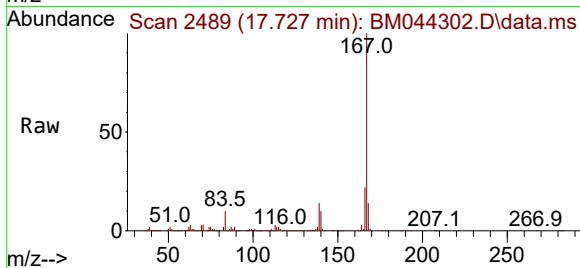
Tgt Ion:167 Resp: 2259571

Ion Ratio Lower Upper

167 100

166 22.0 17.1 25.7

139 13.6 10.7 16.1



#78

Di-n-butylphthalate

Concen: 38.822 ng/ul

RT: 18.303 min Scan# 2587

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

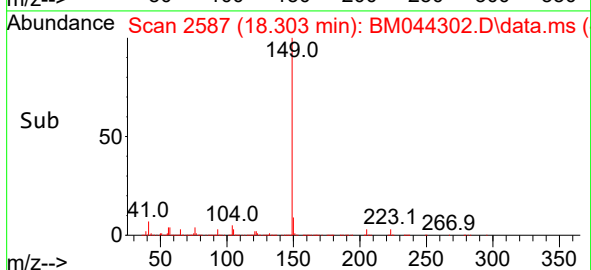
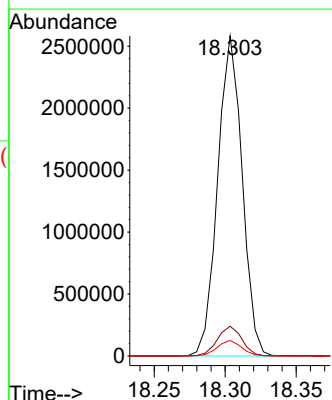
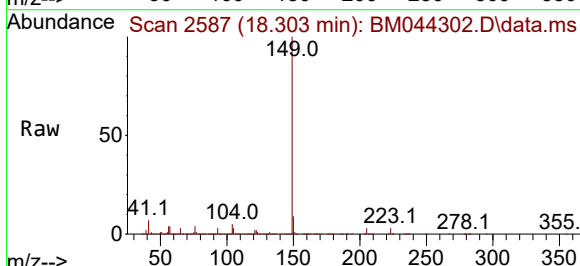
Tgt Ion:149 Resp: 3093996

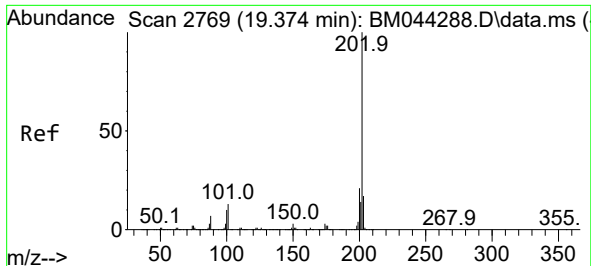
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.8 3.8 5.8

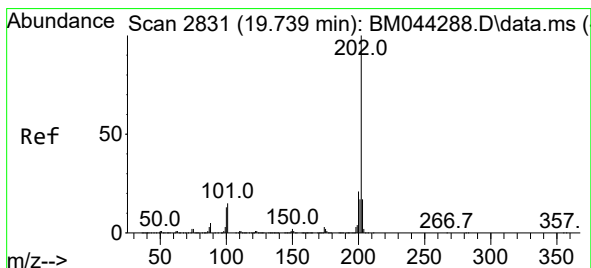
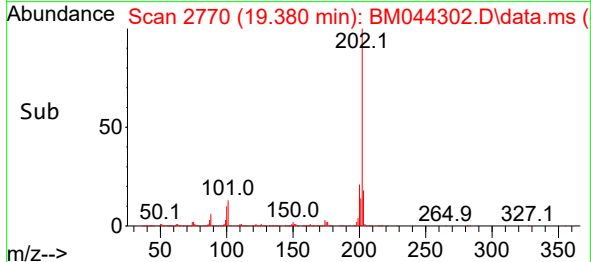
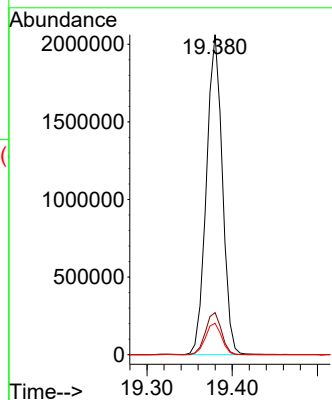
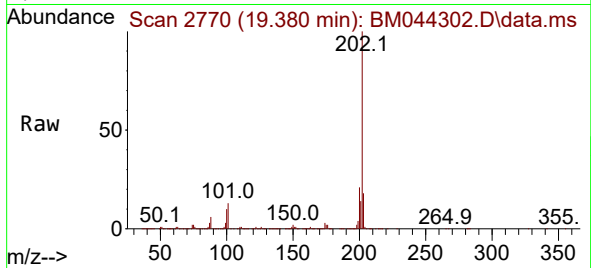




#80
Fluoranthene
Concen: 37.469 ng/u1
RT: 19.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

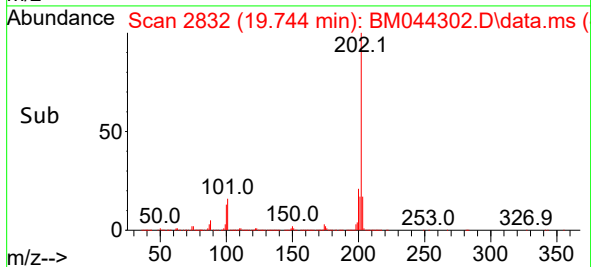
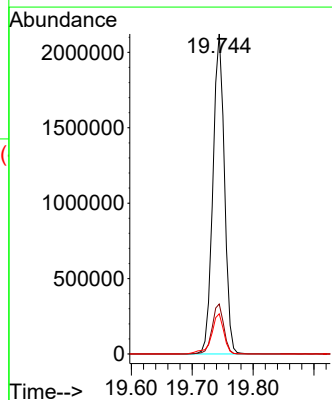
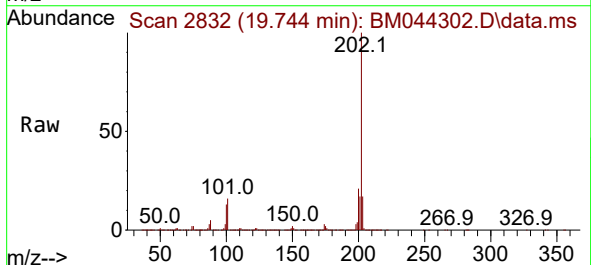
Instrument :
BNA_M
ClientSampleId :
SLCS152

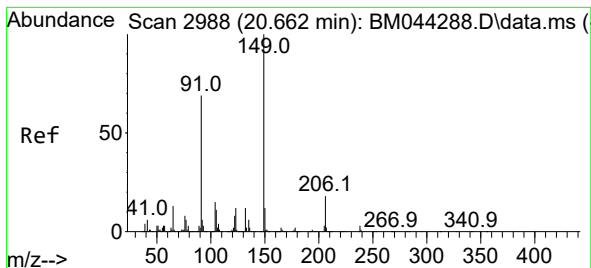
Tgt Ion:202 Resp: 2674446
Ion Ratio Lower Upper
202 100
101 13.2 11.1 16.7
100 9.8 8.2 12.2



#82
Pyrene
Concen: 37.201 ng/u1
RT: 19.744 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:202 Resp: 2784702
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 12.6 10.2 15.2





#83

Butylbenzylphthalate

Concen: 41.694 ng/ul

RT: 20.662 min Scan# 2988

Delta R.T. -0.000 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

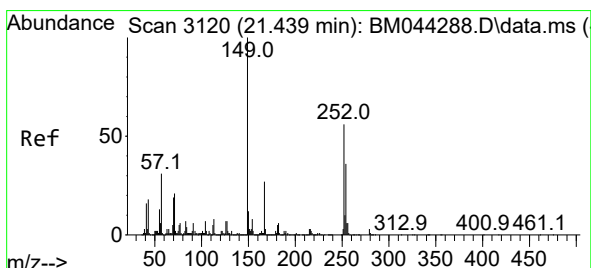
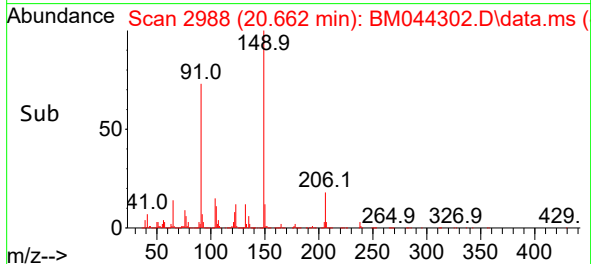
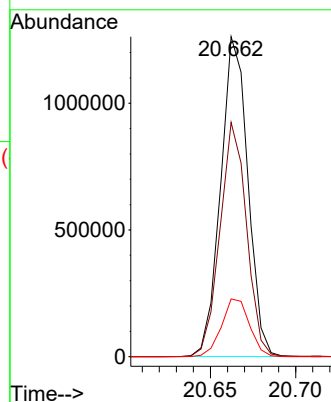
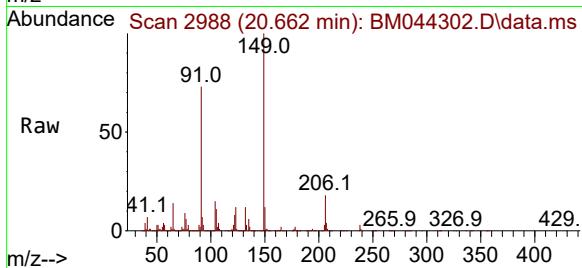
Tgt Ion:149 Resp: 1401835

Ion Ratio Lower Upper

149 100

91 73.2 58.1 87.1

206 18.1 15.0 22.4



#84

3,3'-Dichlorobenzidine

Concen: 37.405 ng/ul

RT: 21.444 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

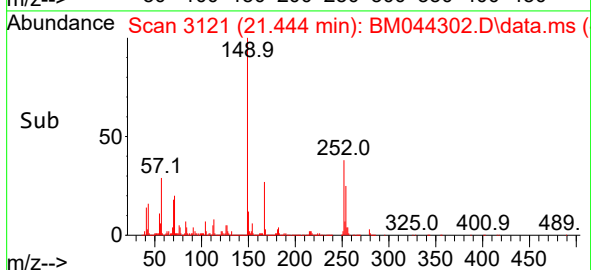
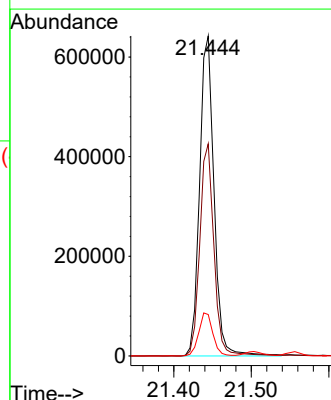
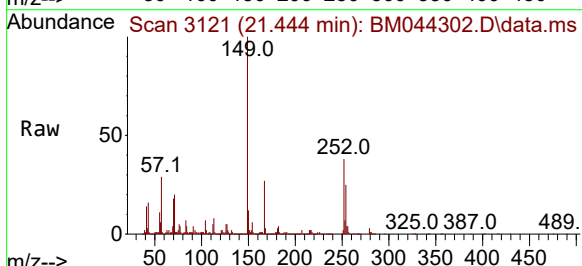
Tgt Ion:252 Resp: 827665

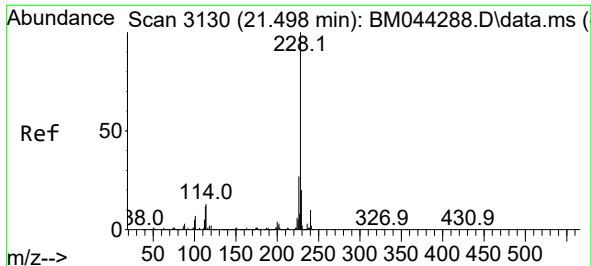
Ion Ratio Lower Upper

252 100

254 66.3 51.6 77.4

126 13.0 11.2 16.8

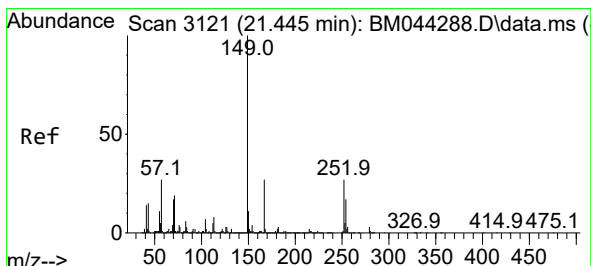
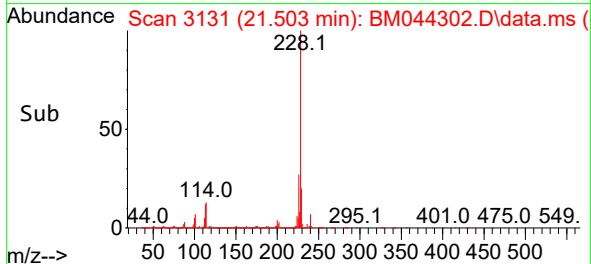
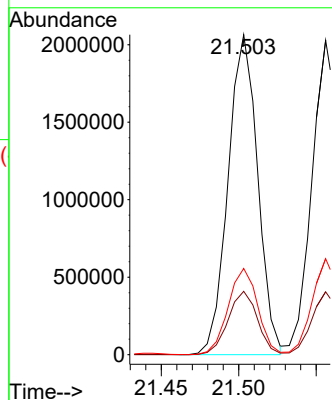
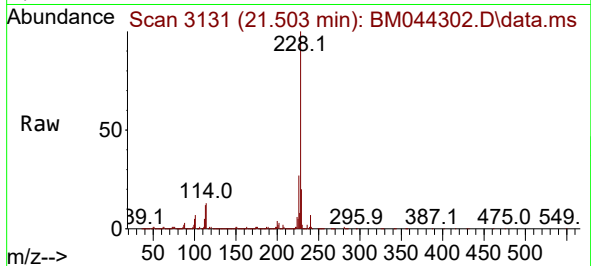




#85
Benzo(a)anthracene
Concen: 37.178 ng/ul
RT: 21.503 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

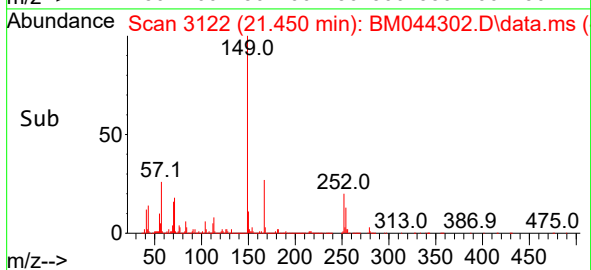
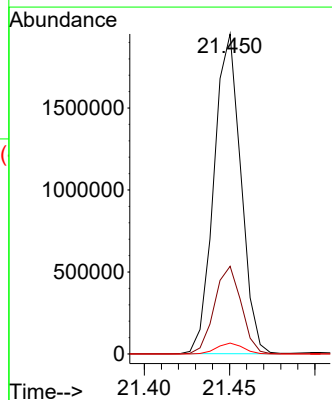
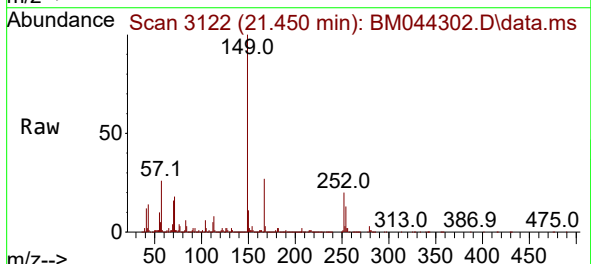
Instrument :
BNA_M
ClientSampleId :
SLCS152

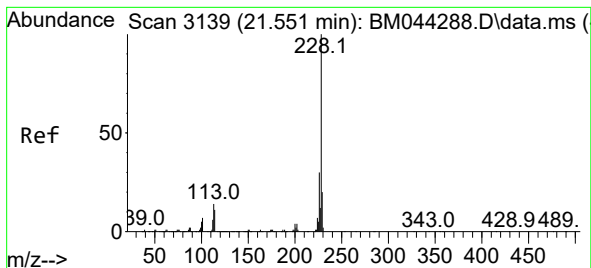
Tgt Ion:228 Resp: 2742949
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.0
226 27.0 21.2 31.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 41.608 ng/ul
RT: 21.450 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BM044302.D
Acq: 24 Feb 2024 19:19

Tgt Ion:149 Resp: 2141777
Ion Ratio Lower Upper
149 100
167 27.4 22.1 33.1
279 3.4 2.4 3.6





#87

Chrysene

Concen: 37.049 ng/ul

RT: 21.556 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

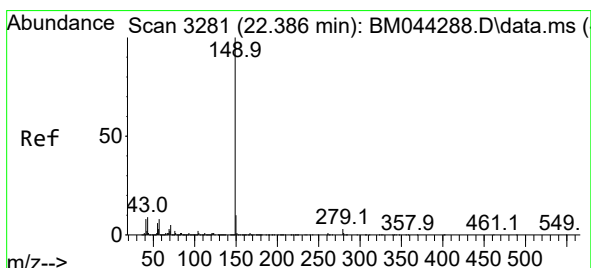
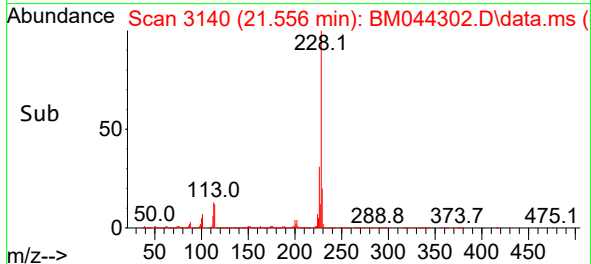
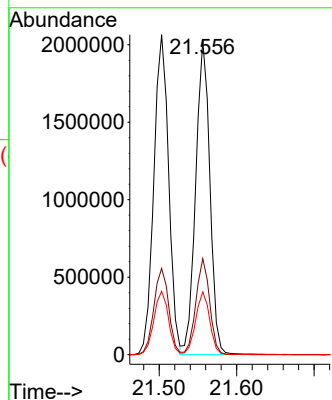
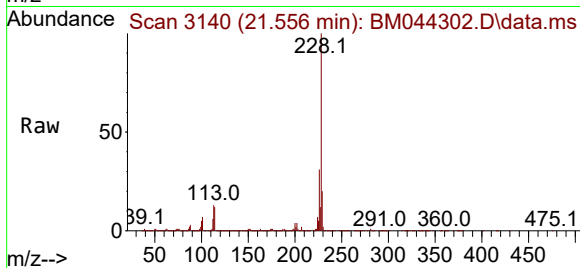
Tgt Ion:228 Resp: 2569434

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

229 20.0 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 39.728 ng/ul

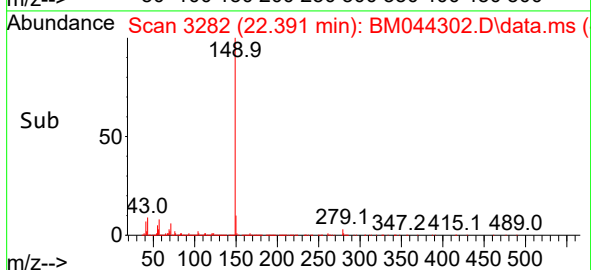
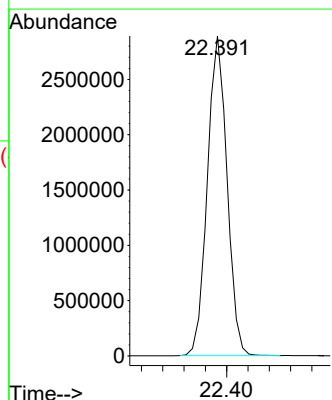
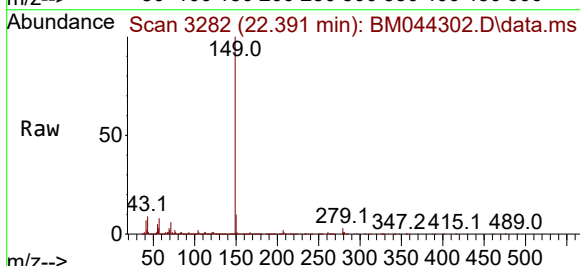
RT: 22.391 min Scan# 3282

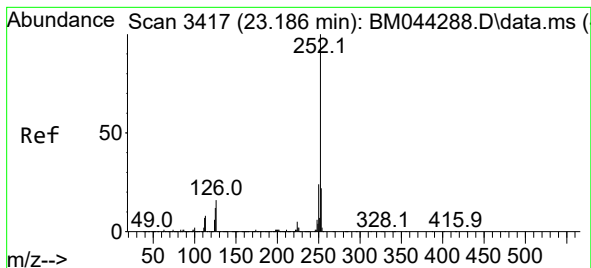
Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Tgt Ion:149 Resp: 3706674





#90

Benzo(b)fluoranthene

Concen: 39.073 ng/ul

RT: 23.191 min Scan# 3417

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

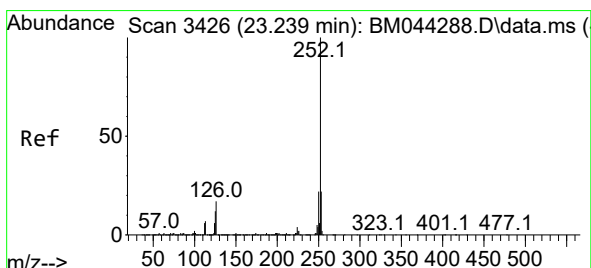
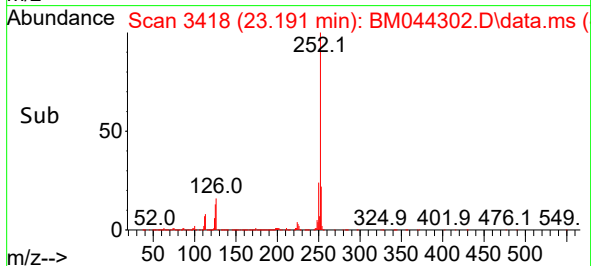
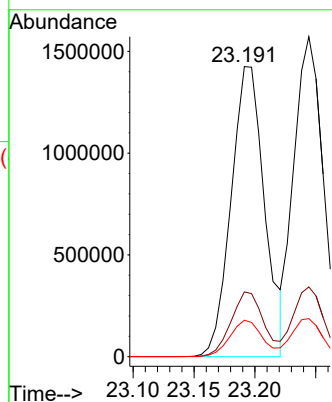
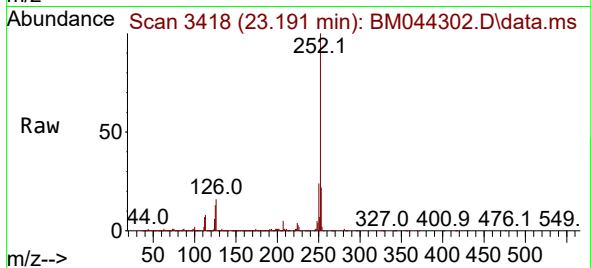
Tgt Ion:252 Resp: 2727778

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.6 9.8 14.8



#91

Benzo(k)fluoranthene

Concen: 36.963 ng/ul

RT: 23.244 min Scan# 3427

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

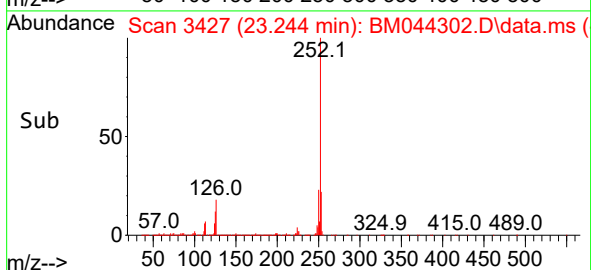
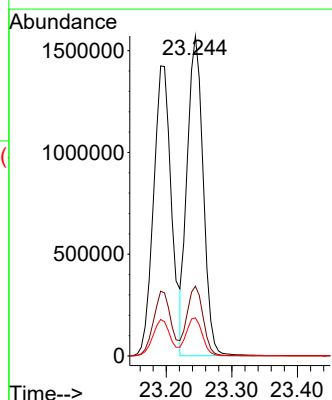
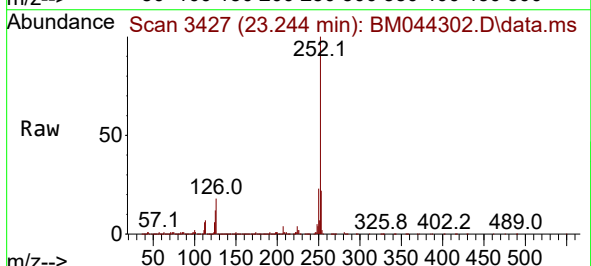
Tgt Ion:252 Resp: 2650329

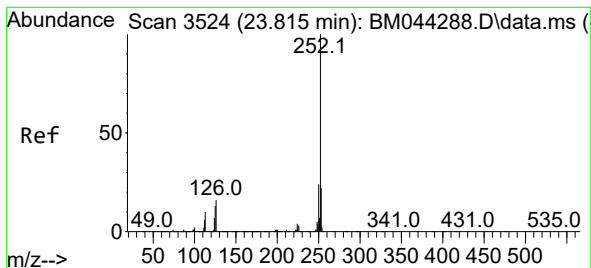
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 11.9 9.4 14.2





#93

Benzo(a)pyrene

Concen: 37.878 ng/ul

RT: 23.821 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

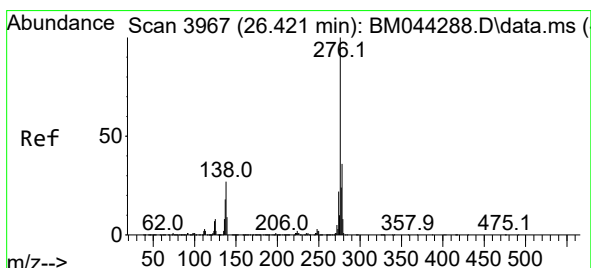
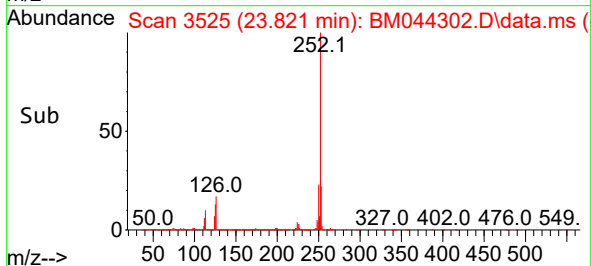
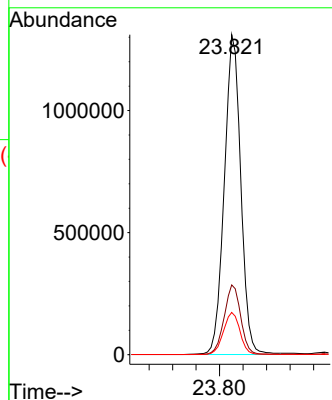
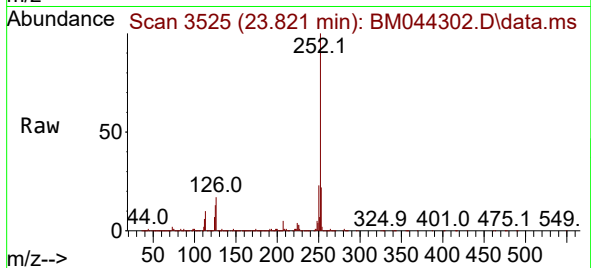
Tgt Ion:252 Resp: 2549531

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 13.2 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.150 ng/ul

RT: 26.432 min Scan# 3969

Delta R.T. 0.011 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

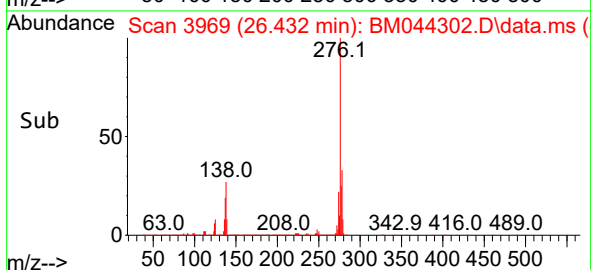
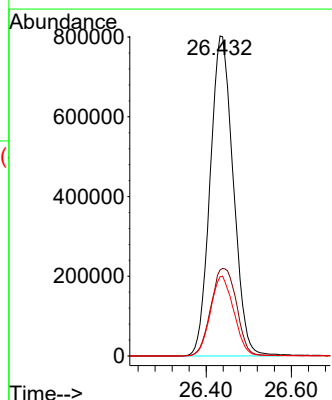
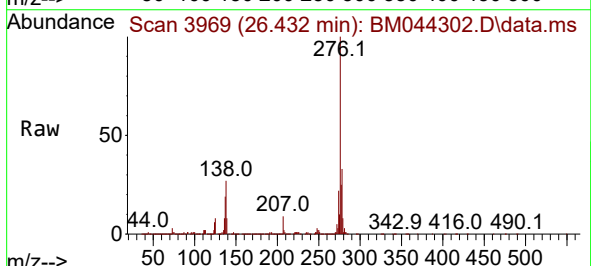
Tgt Ion:276 Resp: 3023838

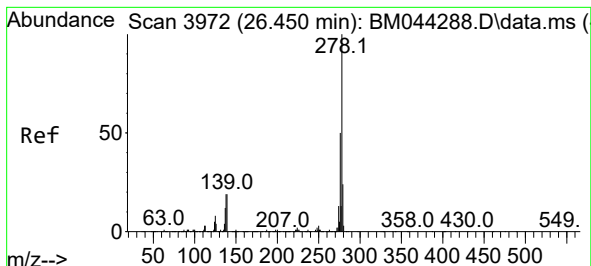
Ion Ratio Lower Upper

276 100

138 26.9 22.1 33.1

277 24.8 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 37.606 ng/ul

RT: 26.462 min Scan# 3972

Delta R.T. 0.011 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Instrument :

BNA_M

ClientSampleId :

SLCS152

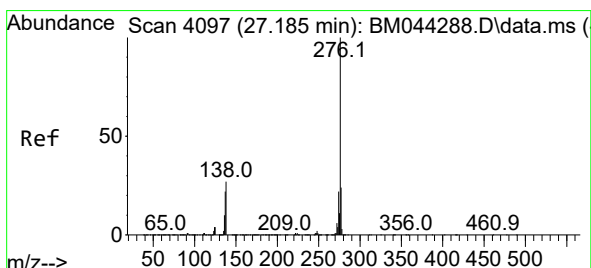
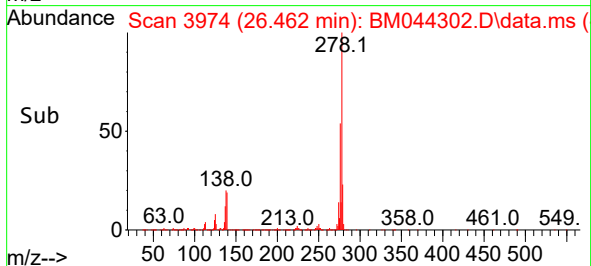
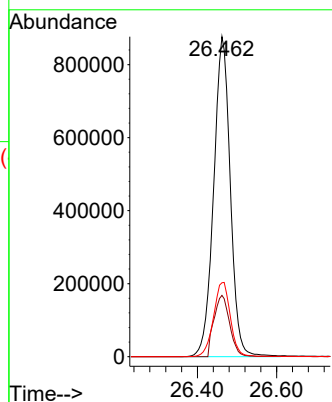
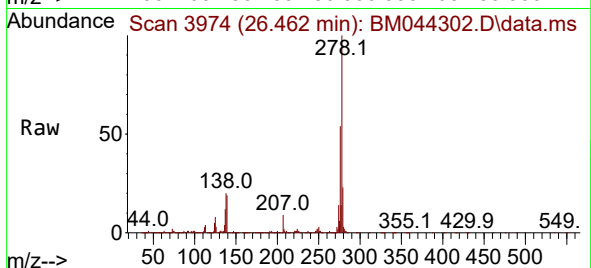
Tgt Ion:278 Resp: 2557927

Ion Ratio Lower Upper

278 100

139 19.1 14.9 22.3

279 23.1 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 36.618 ng/ul

RT: 27.203 min Scan# 4100

Delta R.T. 0.017 min

Lab File: BM044302.D

Acq: 24 Feb 2024 19:19

Tgt Ion:276 Resp: 2411014

Ion Ratio Lower Upper

276 100

138 26.9 21.6 32.4

277 23.5 18.5 27.7

