

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120823\
 Data File : BM043204.D
 Acq On : 08 Dec 2023 19:45
 Operator : MA/JU
 Sample : PB157622BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS622

Quant Time: Dec 08 21:43:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 00:42:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	516417	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	2303263	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	1540590	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	3293977	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	3105452	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	3107687	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	63700	4.841	ng/uL	0.00
4) Pyridine-d5	3.816	84	963017	24.666	ng/u1	0.00
7) Phenol-d5	7.169	99	1341430	26.165	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	813430	25.630	ng/u1	0.00
11) 2-Chlorophenol-d4	7.539	132	1011239	25.873	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	1009706	24.894	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	525760	26.781	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	541275	28.593	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	1112542	26.367	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	1413513	23.282	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	3527904	26.124	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	3994168	25.564	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	647718	26.766	ng/u1	0.00
60) Fluorene-d10	15.621	176	3010720	25.575	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	476854	26.303	ng/u1	0.00
73) Anthracene-d10	17.468	188	4300168	24.130	ng/u1	0.00
81) Pyrene-d10	19.750	212	5253528	26.439	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	4708850	25.967	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	132243	9.150	ng/uL	93
5) Pyridine	3.840	79	995178	24.801	ng/u1	98
6) Benzaldehyde	7.151	77	684530	25.942	ng/u1	99
8) Phenol	7.198	94	1318929	26.013	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.445	93	1048328	25.643	ng/u1	100
12) 2-Chlorophenol	7.569	128	1018841	25.695	ng/u1	99
13) 2-Methylphenol	8.451	108	950454	24.241	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1754612	25.814	ng/u1	99
16) Acetophenone	8.845	105	1683679	25.827	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.834	70	911766	25.516	ng/u1	98
18) 4-Methylphenol	8.786	108	1077824	25.336	ng/u1	100
19) Hexachloroethane	9.086	117	420055	24.993	ng/u1	98
22) Nitrobenzene	9.228	77	1235804	26.182	ng/u1	99
23) Isophorone	9.751	82	2591321	25.765	ng/u1	99
25) 2-Nitrophenol	9.933	139	579963	27.953	ng/u1	99
26) 2,4-Dimethylphenol	9.992	107	526183	12.935	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.239	93	1518372	25.677	ng/u1	100
29) 2,4-Dichlorophenol	10.463	162	1068678	26.095	ng/u1	99
30) Naphthalene	10.869	128	3567437	25.234	ng/u1	100
32) 4-Chloroaniline	10.986	127	1216500	21.243	ng/u1	99
33) Hexachlorobutadiene	11.139	225	626424	24.548	ng/u1	98
34) Caprolactam	11.757	113	208266	17.103	ng/u1	95
35) 4-Chloro-3-methylphenol	12.098	107	1134552	26.383	ng/u1	98
36) 2-Methylnaphthalene	12.474	142	2575377	25.320	ng/u1	100

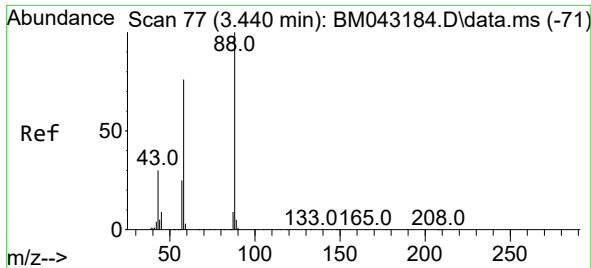
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2557803	24.775	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	1308025	25.095	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	526890	17.815	ng/ul	99
41) 2,4,6-Trichlorophenol	13.074	196	781679	24.101	ng/ul	100
42) 2,4,5-Trichlorophenol	13.139	196	889818	25.207	ng/ul	100
43) 1,1'-Biphenyl	13.480	154	3480269	25.537	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	2689141	25.455	ng/ul	100
45) 2-Nitroaniline	13.727	65	788260	28.237	ng/ul	99
47) Dimethylphthalate	14.104	163	3434705	25.931	ng/ul	100
48) 2,6-Dinitrotoluene	14.227	165	673222	27.587	ng/ul	97
50) Acenaphthylene	14.363	152	4537596	25.696	ng/ul	100
51) 3-Nitroaniline	14.551	138	678454	25.060	ng/ul	99
52) Acenaphthene	14.698	153	2971972	25.515	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	287520	25.664	ng/ul	98
55) 4-Nitrophenol	14.845	109	477116	27.267	ng/ul	98
56) Dibenzofuran	15.033	168	4096839	25.749	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	967078	27.754	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.251	232	657583	22.411	ng/ul	99
59) Diethylphthalate	15.463	149	3485292	26.160	ng/ul	100
61) Fluorene	15.680	166	3588608	26.055	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.680	204	1747113	25.676	ng/ul	99
63) 4-Nitroaniline	15.710	138	717102	26.362	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	528164	26.643	ng/ul	96
67) N-Nitrosodiphenylamine	15.892	169	2845690	25.762	ng/ul	100
68) 4-Bromophenyl-phenylether	16.568	248	985362	24.737	ng/ul	97
69) Hexachlorobenzene	16.668	284	1208004	25.559	ng/ul	99
70) Atrazine	16.839	200	249544	8.011	ng/ul	97
71) Pentachlorophenol	17.015	266	552179	19.841	ng/ul	97
72) Phenanthrene	17.415	178	5419608	26.385	ng/ul	99
74) Anthracene	17.504	178	5125850	24.773	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	1327919	25.482	ng/uL	98
76) Pentachlorobenzene	14.945	250	1372439	25.915	ng/uL	98
77) Carbazole	17.774	167	4855425	28.567	ng/ul	100
78) Di-n-butylphthalate	18.345	149	6262846	28.329	ng/ul	99
80) Fluoranthene	19.421	202	6242832	27.389	ng/ul	100
82) Pyrene	19.780	202	6435995	27.144	ng/ul	100
83) Butylbenzylphthalate	20.686	149	2689439	28.515	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	1829368	24.787	ng/ul	100
85) Benzo(a)anthracene	21.521	228	6296195	26.444	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	4334047	29.110	ng/ul	99
87) Chrysene	21.574	228	5735066	26.968	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	6749271	31.574	ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	5802626	26.170	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	5967090	27.020	ng/ul	99
93) Benzo(a)pyrene	23.833	252	5329666	26.005	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.432	276	5969716	25.572	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	5080844	26.029	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	4488496	25.519	ng/ul	99

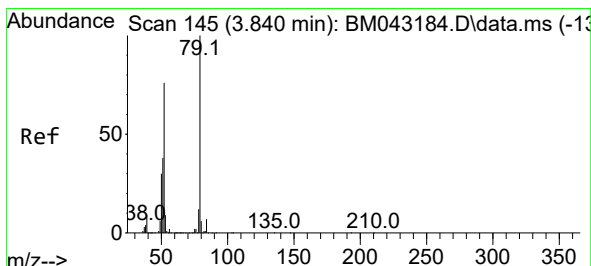
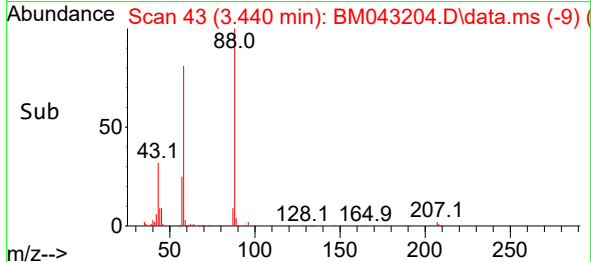
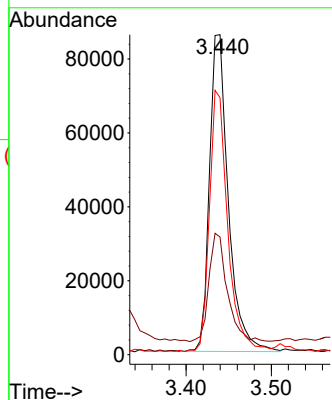
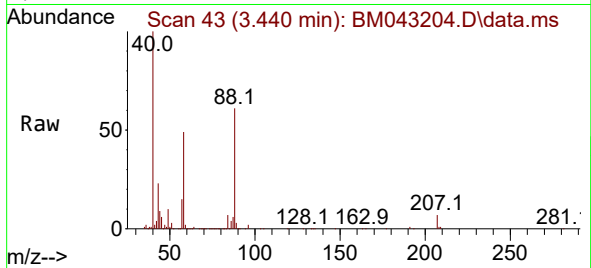
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#2
1,4-Dioxane
Concen: 9.150 ng/uL
RT: 3.440 min Scan# 41
Delta R.T. -0.000 min
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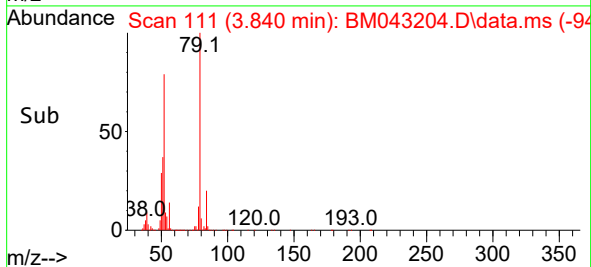
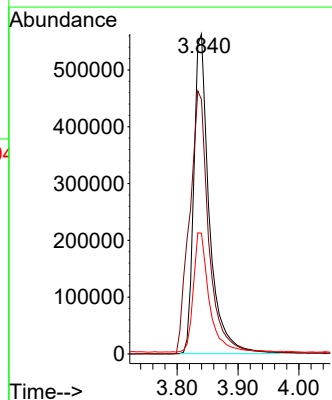
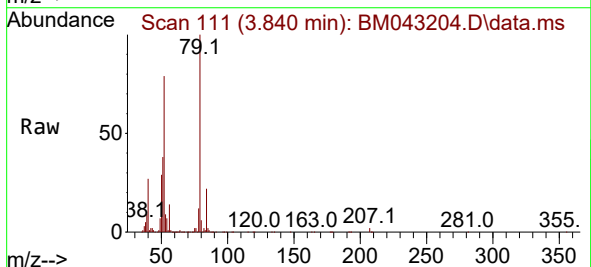
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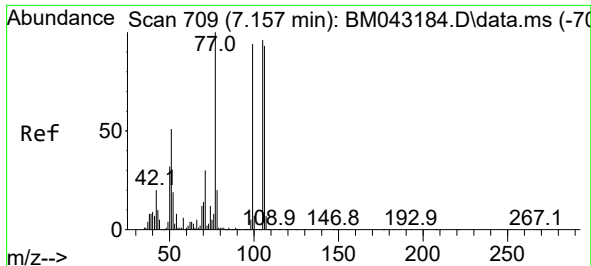
Tgt Ion: 88 Resp: 132243
Ion Ratio Lower Upper
88 100
43 36.8 25.0 37.4
58 80.3 60.6 90.8



#5
Pyridine
Concen: 24.801 ng/uL
RT: 3.840 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion: 79 Resp: 995178
Ion Ratio Lower Upper
79 100
52 79.5 64.9 97.3
51 37.8 31.0 46.4

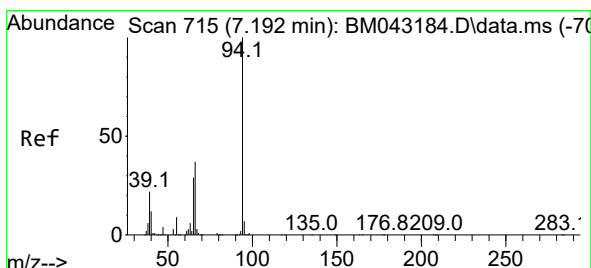
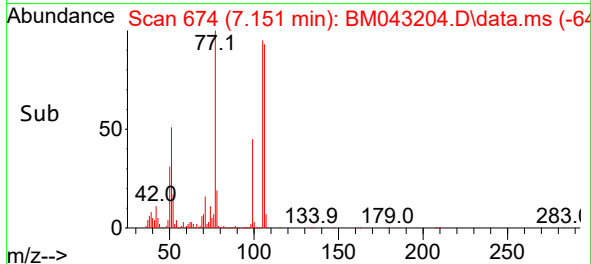
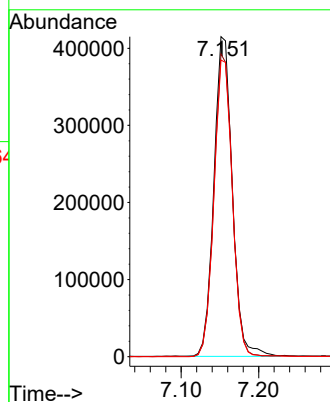
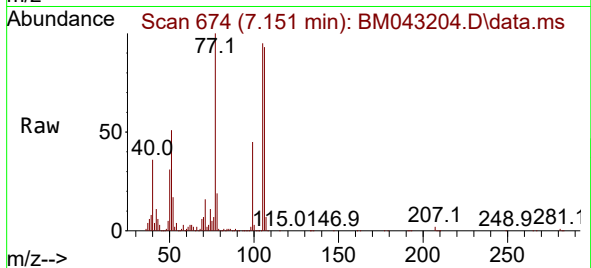




#6
Benzaldehyde
Concen: 25.942 ng/ul
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

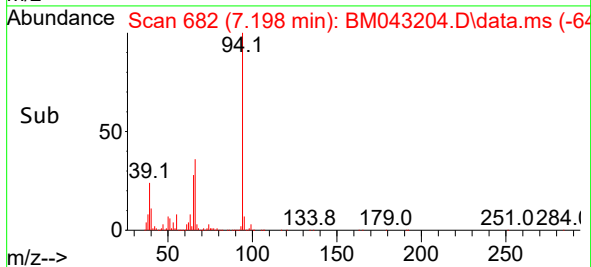
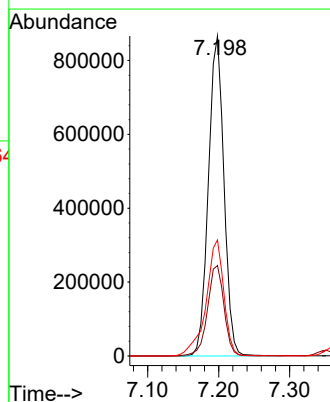
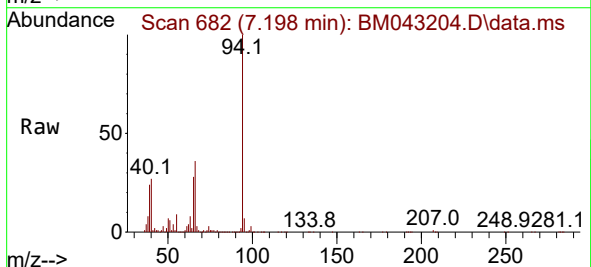
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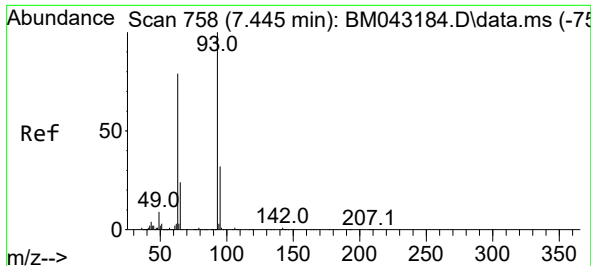
Tgt Ion: 77 Resp: 684530
Ion Ratio Lower Upper
77 100
105 94.6 76.3 114.5
106 92.7 74.6 112.0



#8
Phenol
Concen: 26.013 ng/ul
RT: 7.198 min Scan# 682
Delta R.T. 0.006 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion: 94 Resp: 1318929
Ion Ratio Lower Upper
94 100
65 28.3 23.5 35.3
66 36.2 29.9 44.9

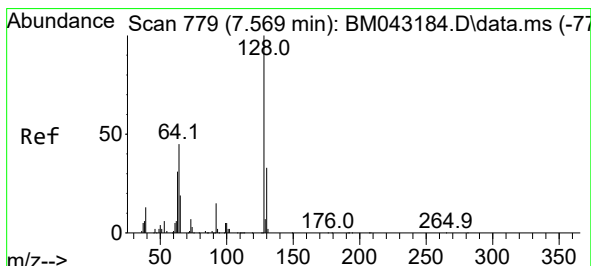
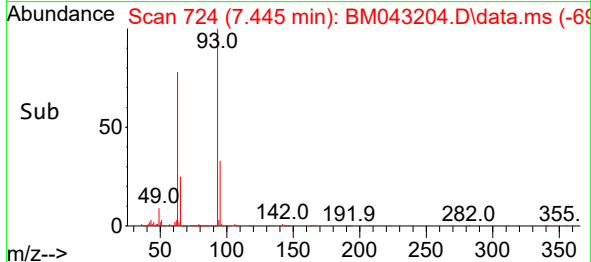
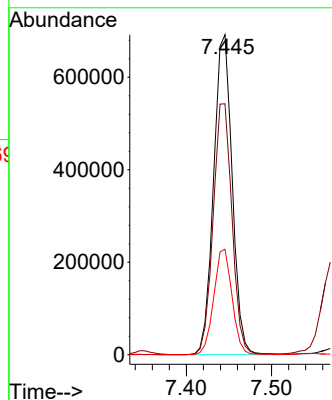
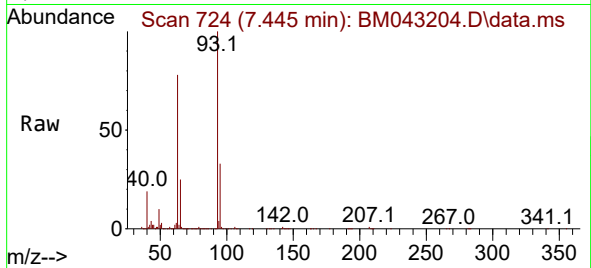




#10
Bis(2-Chloroethyl)ether
Concen: 25.643 ng/ul
RT: 7.445 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

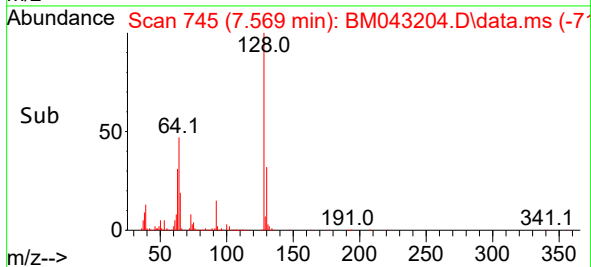
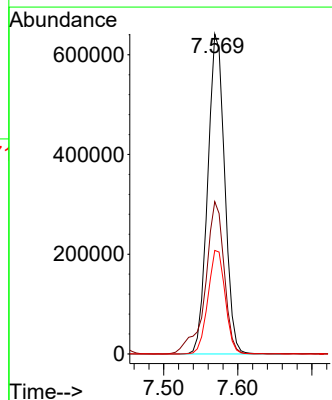
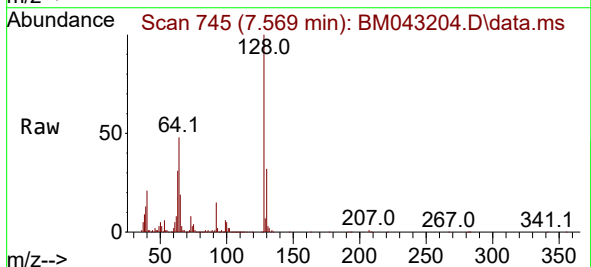
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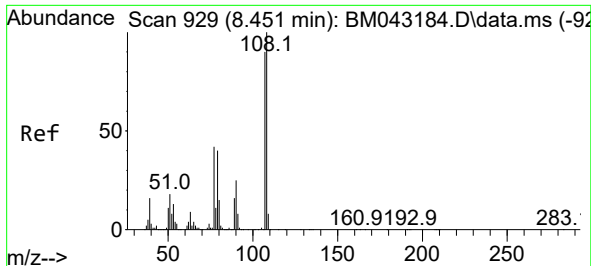
Tgt Ion: 93 Resp: 1048328
Ion Ratio Lower Upper
93 100
63 78.4 63.0 94.4
95 33.0 26.0 39.0



#12
2-Chlorophenol
Concen: 25.695 ng/ul
RT: 7.569 min Scan# 745
Delta R.T. -0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:128 Resp: 1018841
Ion Ratio Lower Upper
128 100
64 47.6 38.3 57.5
130 32.4 26.6 40.0





#13

2-Methylphenol

Concen: 24.241 ng/ul

RT: 8.451 min Scan# 895

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

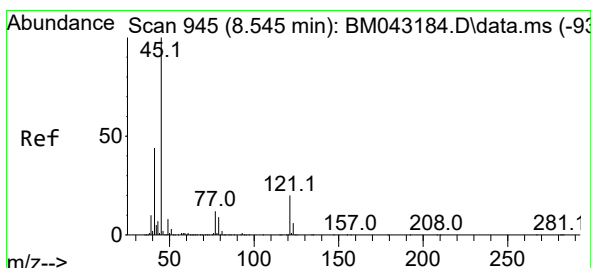
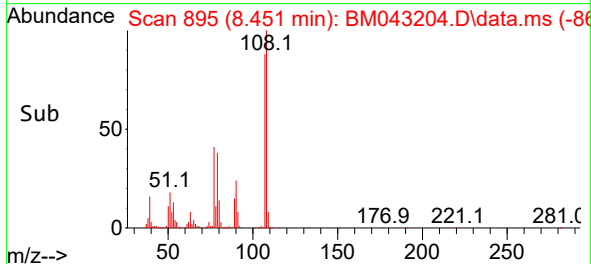
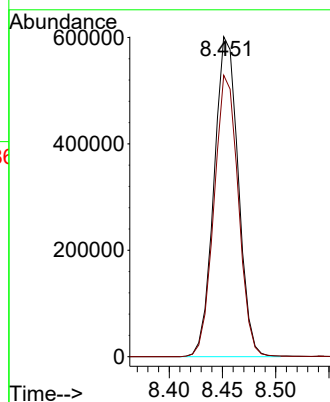
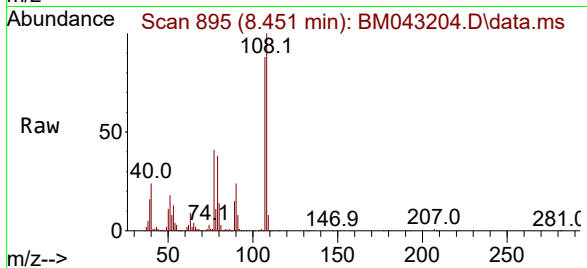
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Tgt Ion:108 Resp: 950454

Ion Ratio Lower Upper

108 100

107 88.0 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.814 ng/ul

RT: 8.539 min Scan# 910

Delta R.T. -0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

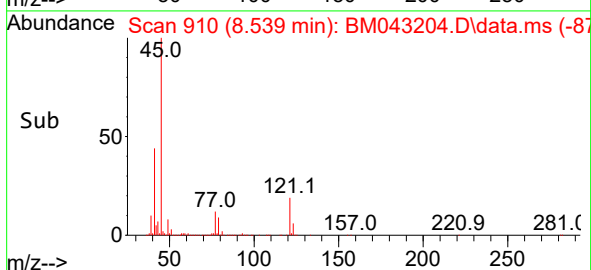
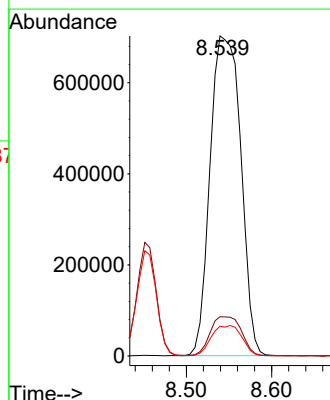
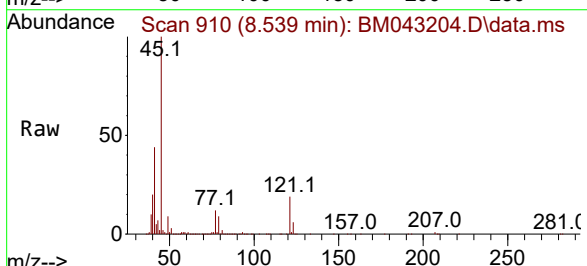
Tgt Ion: 45 Resp: 1754612

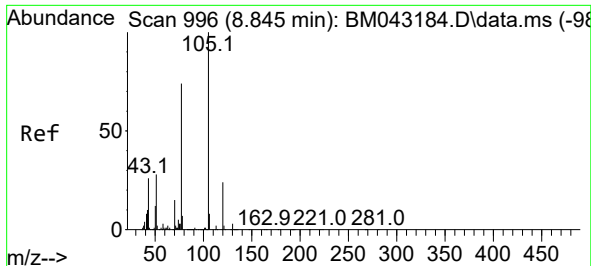
Ion Ratio Lower Upper

45 100

77 12.2 10.2 15.2

79 9.3 7.2 10.8

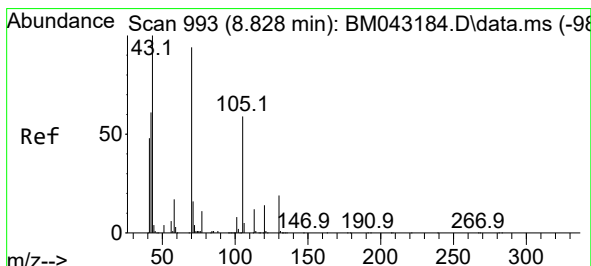
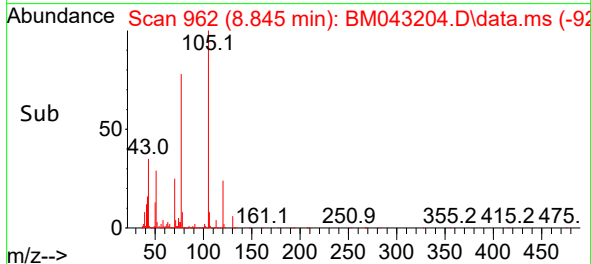
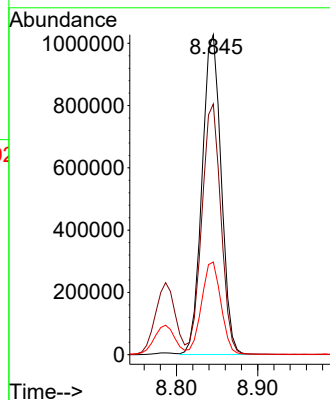
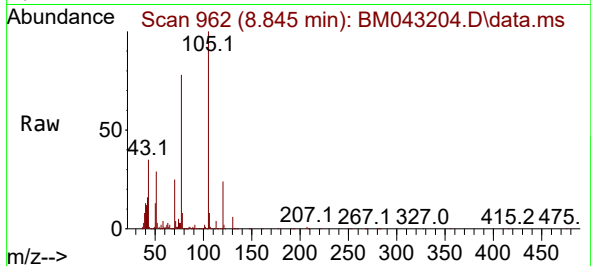




#16
Acetophenone
Concen: 25.827 ng/ul
RT: 8.845 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

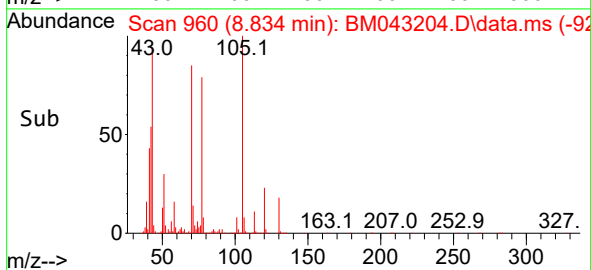
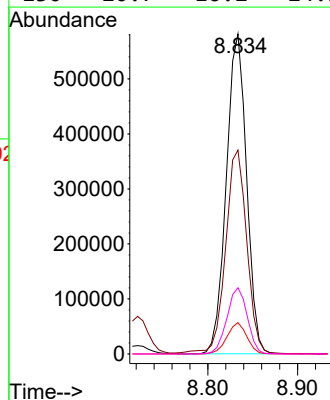
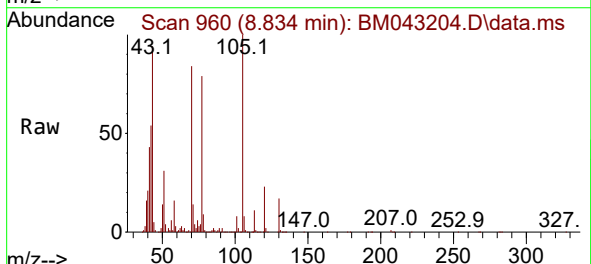
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ClientSampleId :
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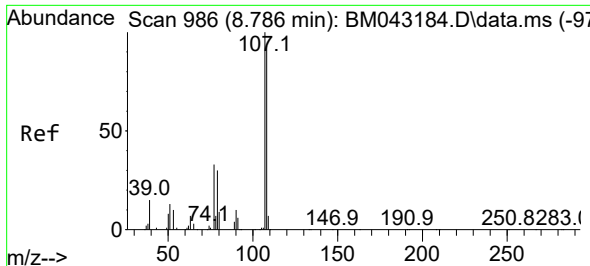
Tgt Ion:105 Resp: 1683679
Ion Ratio Lower Upper
105 100
77 78.4 62.7 94.1
51 29.0 23.8 35.8



#17
N-Nitroso-di-n-propylamine
Concen: 25.516 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion: 70 Resp: 911766
Ion Ratio Lower Upper
70 100
42 63.7 52.3 78.5
101 9.8 7.0 10.6
130 20.7 16.2 24.2

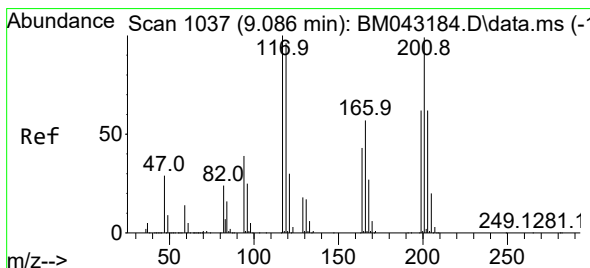
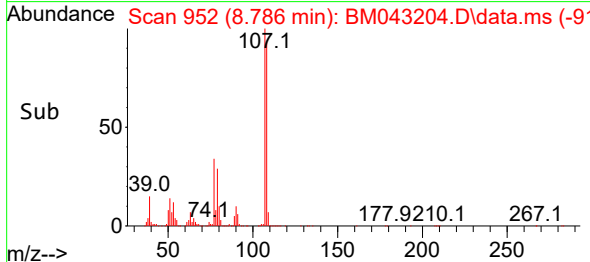
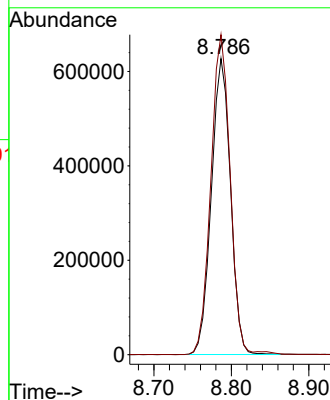
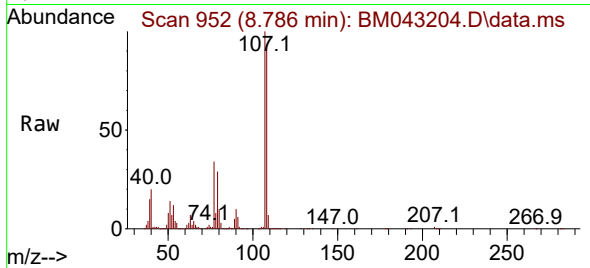




#18
4-Methylphenol
Concen: 25.336 ng/ul
RT: 8.786 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

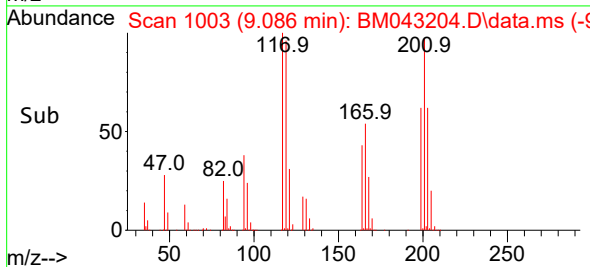
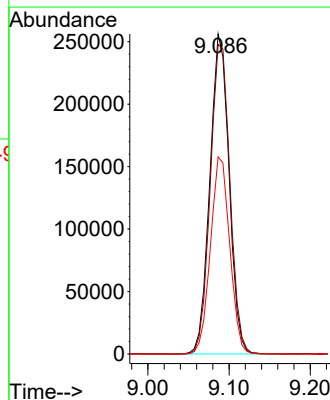
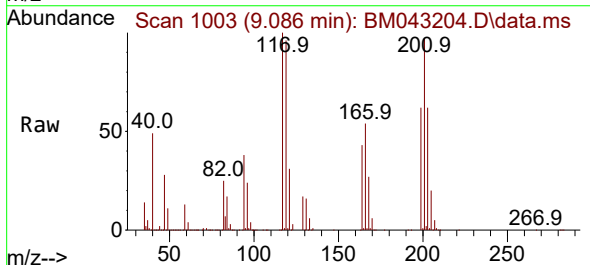
Instrument :
BNA_M
ClientSampleId :
SLCS622

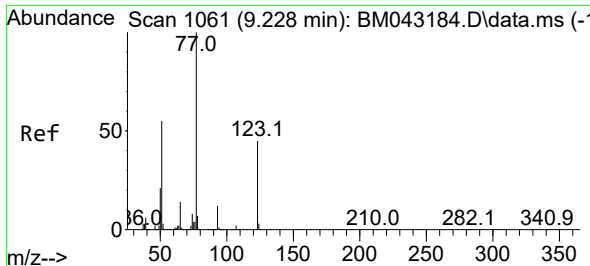
Tgt Ion:108 Resp: 1077824
Ion Ratio Lower Upper
108 100
107 108.0 86.4 129.6



#19
Hexachloroethane
Concen: 24.993 ng/ul
RT: 9.086 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:117 Resp: 420055
Ion Ratio Lower Upper
117 100
201 96.8 79.2 118.8
199 61.6 49.8 74.8

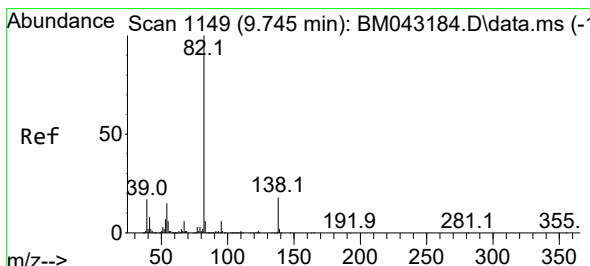
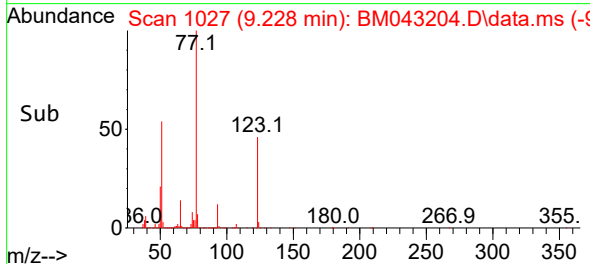
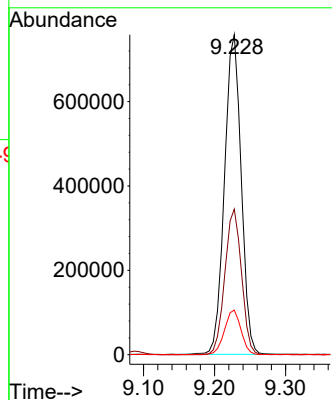
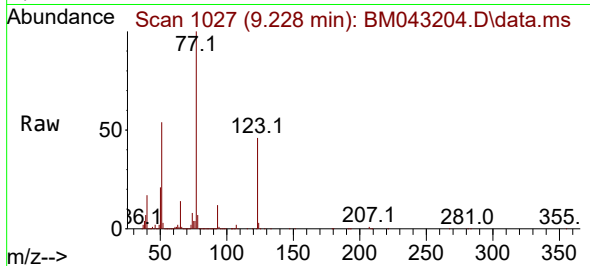




#22
Nitrobenzene
Concen: 26.182 ng/ul
RT: 9.228 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

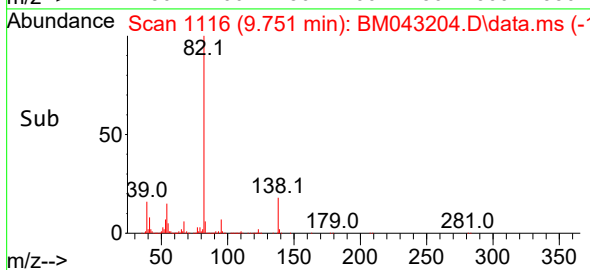
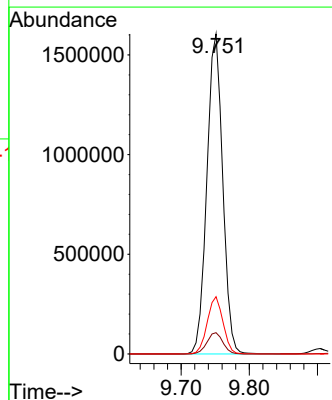
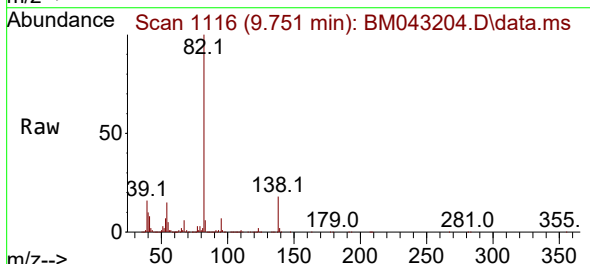
Instrument :
BNA_M
ClientSampleId :
SLCS622

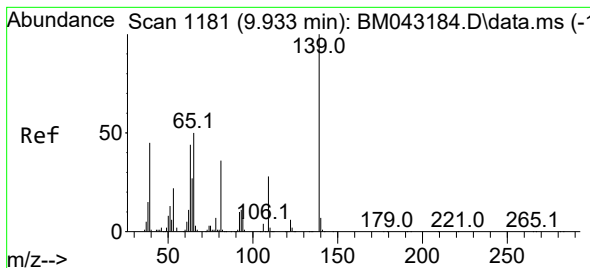
Tgt Ion: 77 Resp: 1235804
Ion Ratio Lower Upper
77 100
123 45.5 35.6 53.4
65 14.0 11.0 16.4



#23
Isophorone
Concen: 25.765 ng/ul
RT: 9.751 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion: 82 Resp: 2591321
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.9 14.0 21.0

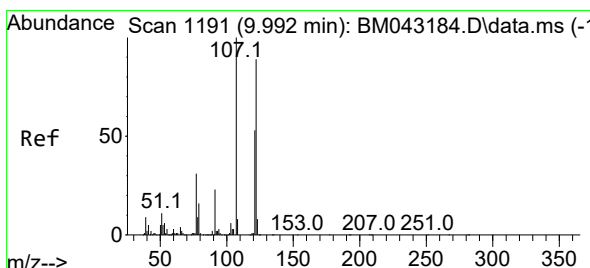
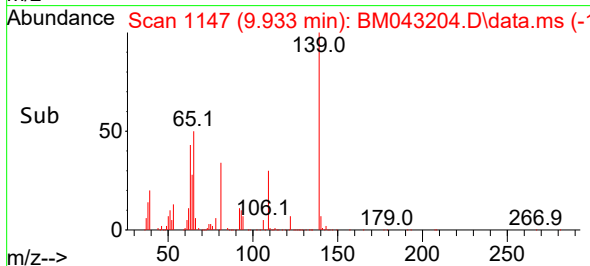
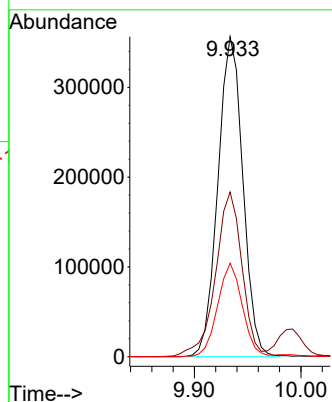
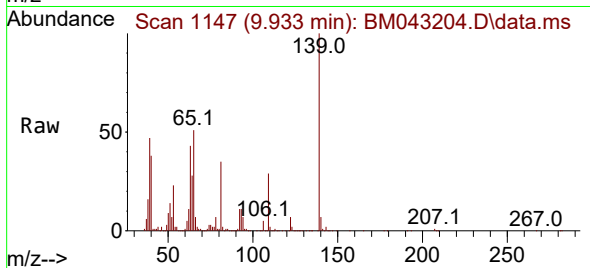




#25
2-Nitrophenol
Concen: 27.953 ng/ul
RT: 9.933 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

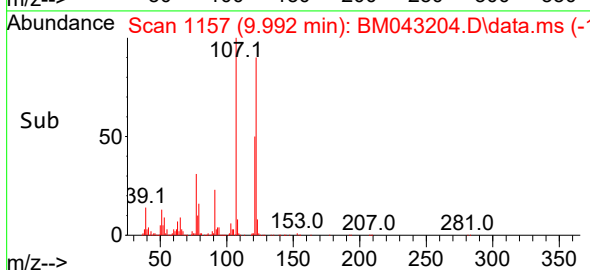
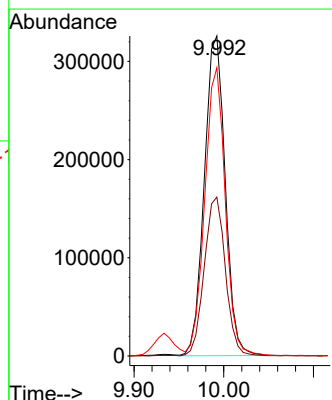
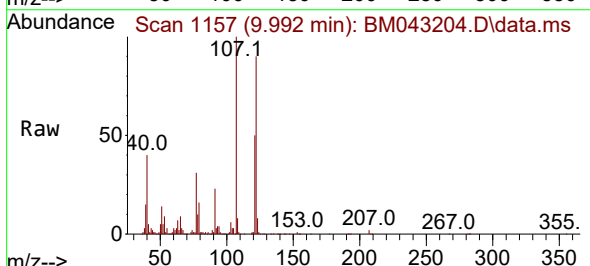
Instrument :
BNA_M
ClientSampleId :
SLCS622

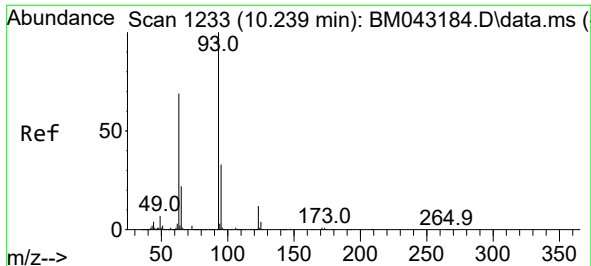
Tgt Ion:139 Resp: 579963
Ion Ratio Lower Upper
139 100
65 51.4 40.6 60.8
109 29.2 22.6 33.8



#26
2,4-Dimethylphenol
Concen: 12.935 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:107 Resp: 526183
Ion Ratio Lower Upper
107 100
121 49.7 42.2 63.2
122 90.1 72.0 108.0





#27

Bis(2-Chloroethoxy)methane

Concen: 25.677 ng/ul

RT: 10.239 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

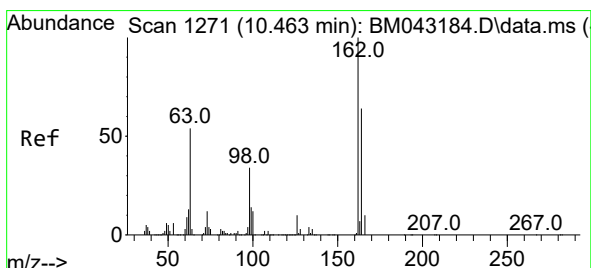
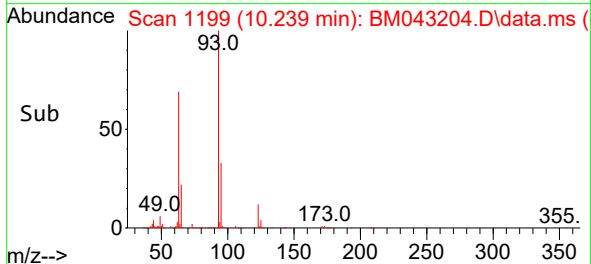
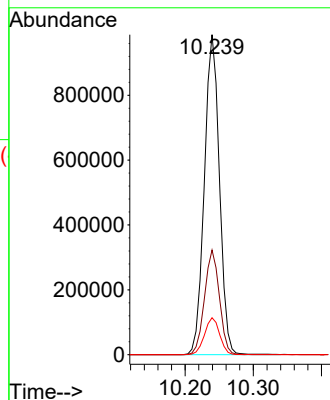
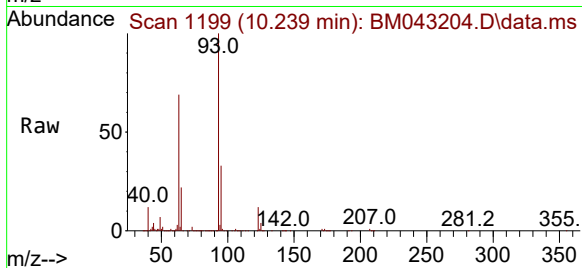
Tgt Ion: 93 Resp: 1518372

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.6 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 26.095 ng/ul

RT: 10.463 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

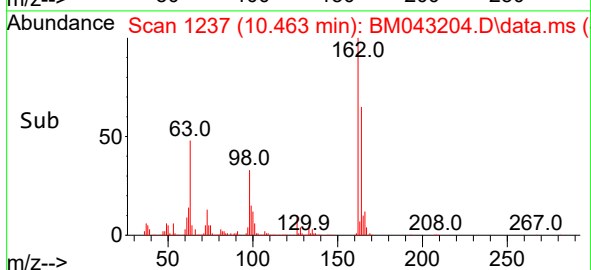
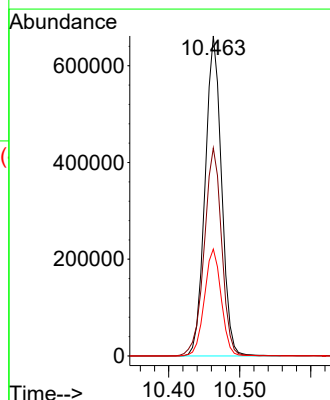
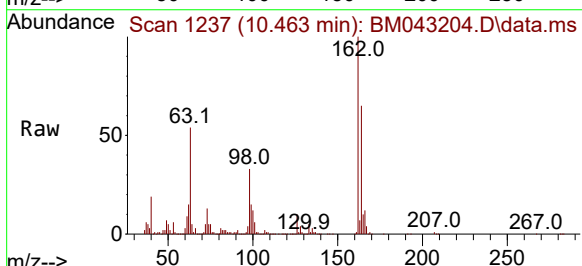
Tgt Ion:162 Resp: 1068678

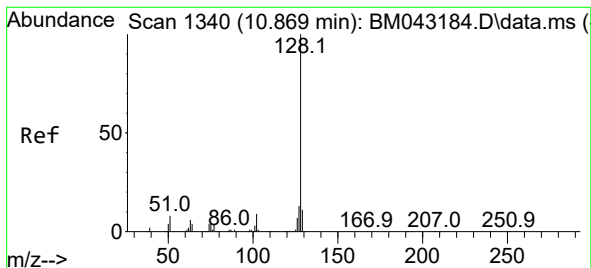
Ion Ratio Lower Upper

162 100

164 65.0 51.4 77.0

98 33.4 26.9 40.3

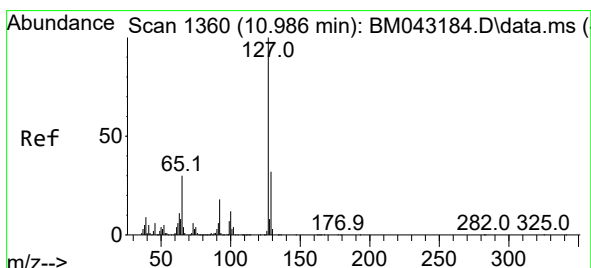
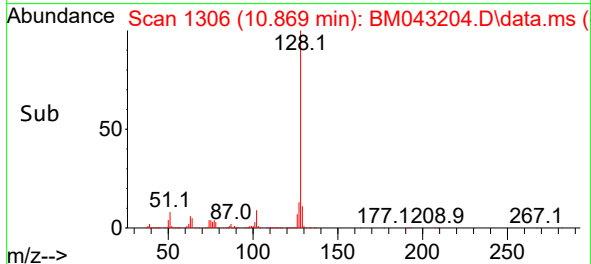
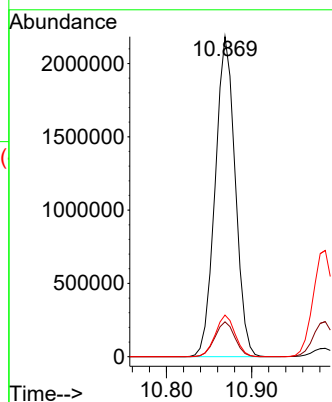
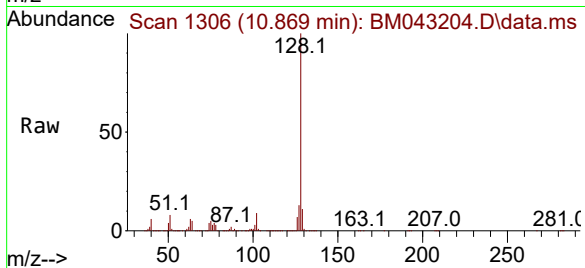




#30
Naphthalene
Concen: 25.234 ng/ul
RT: 10.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

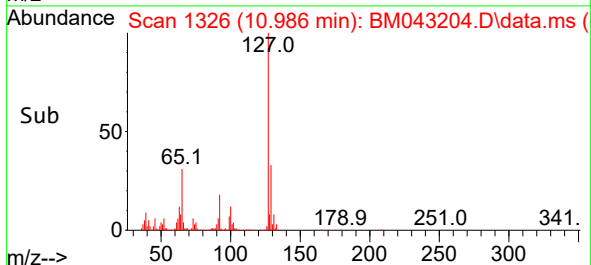
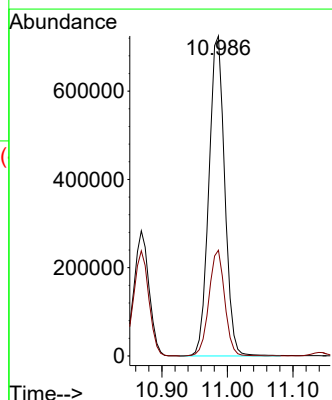
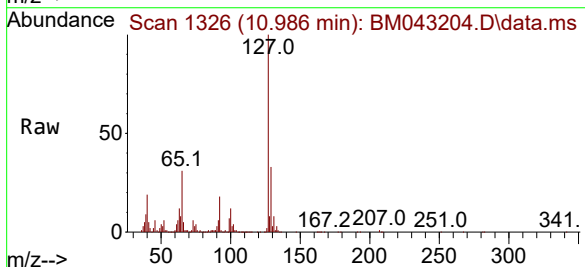
Instrument :
BNA_M
ClientSampleId :
SLCS622

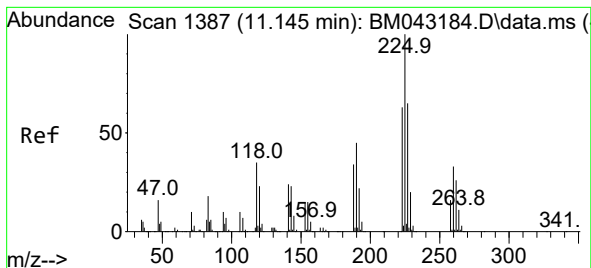
Tgt Ion:128 Resp: 3567437
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 21.243 ng/ul
RT: 10.986 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:127 Resp: 1216500
Ion Ratio Lower Upper
127 100
129 33.0 26.0 39.0





#33

Hexachlorobutadiene

Concen: 24.548 ng/ul

RT: 11.139 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

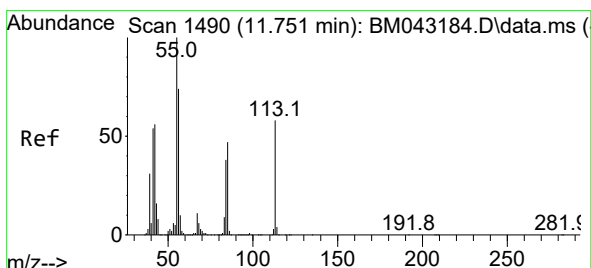
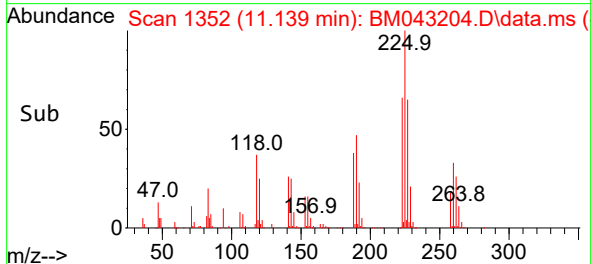
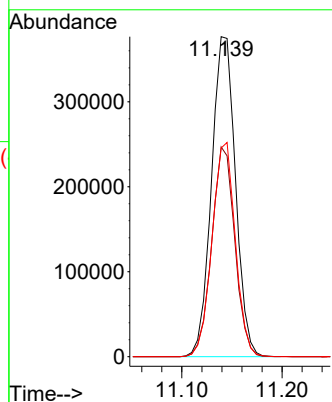
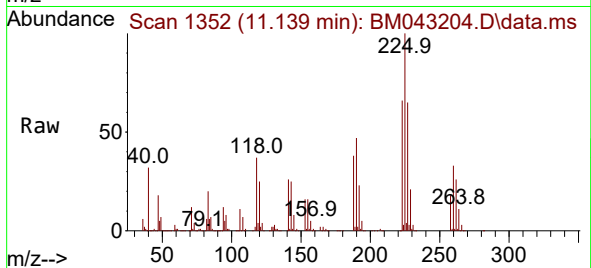
Tgt Ion:225 Resp: 626424

Ion Ratio Lower Upper

225 100

223 65.6 50.2 75.4

227 65.2 52.0 78.0



#34

Caprolactam

Concen: 17.103 ng/ul

RT: 11.757 min Scan# 1457

Delta R.T. 0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

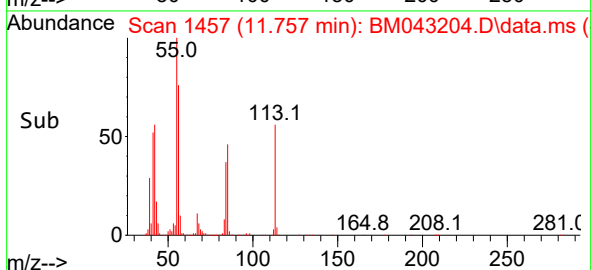
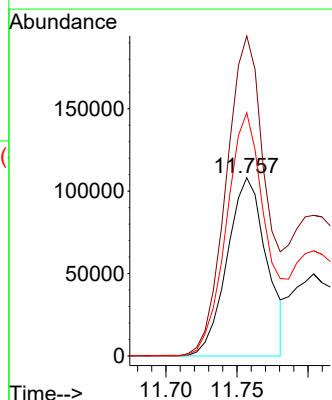
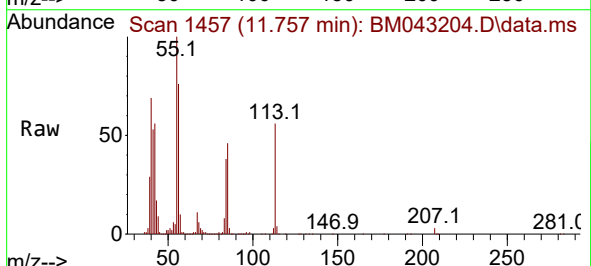
Tgt Ion:113 Resp: 208266

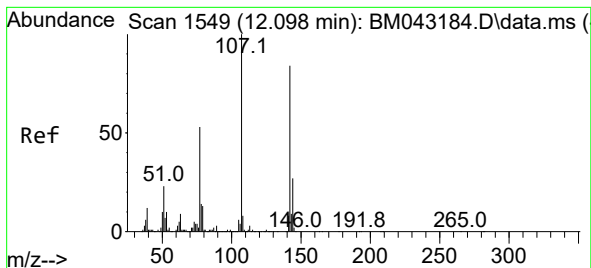
Ion Ratio Lower Upper

113 100

55 179.6 139.5 209.3

56 136.5 103.5 155.3

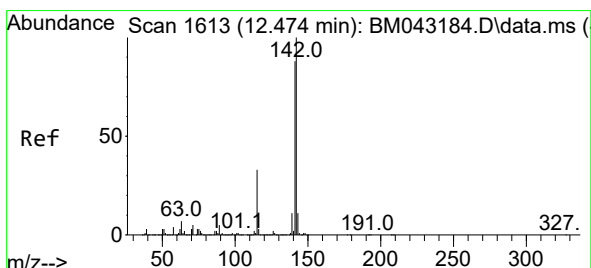
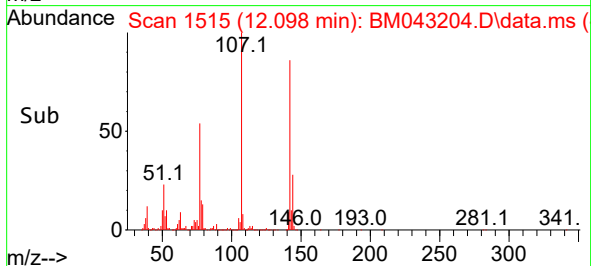
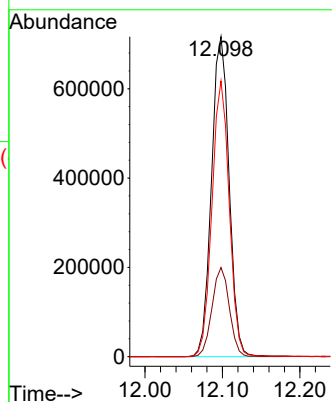
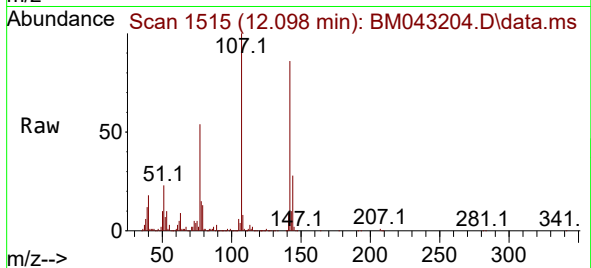




#35
4-Chloro-3-methylphenol
Concen: 26.383 ng/ul
RT: 12.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

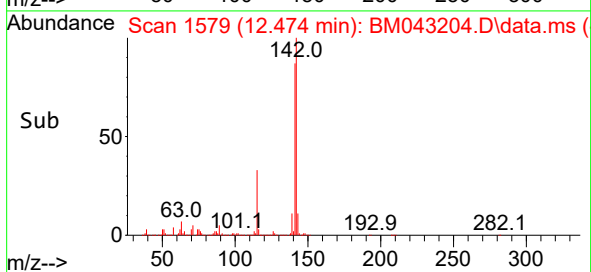
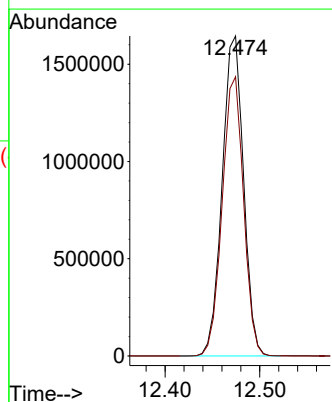
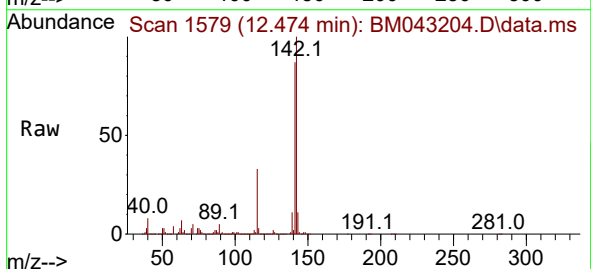
Instrument :
BNA_M
ClientSampleId :
SLCS622

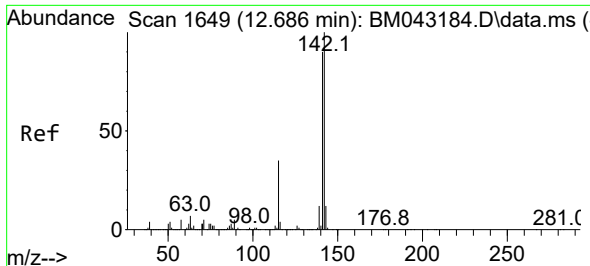
Tgt Ion:107 Resp: 1134552
Ion Ratio Lower Upper
107 100
144 27.8 22.0 33.0
142 86.1 67.3 100.9



#36
2-Methylnaphthalene
Concen: 25.320 ng/ul
RT: 12.474 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:142 Resp: 2575377
Ion Ratio Lower Upper
142 100
141 87.2 70.0 105.0

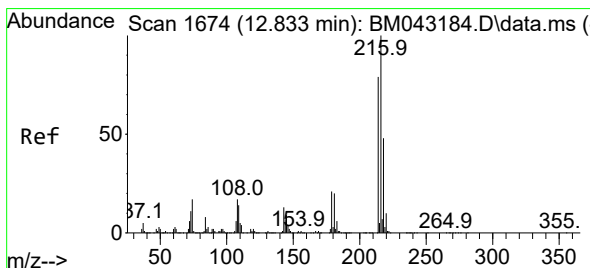
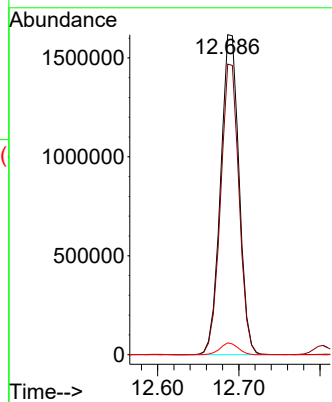
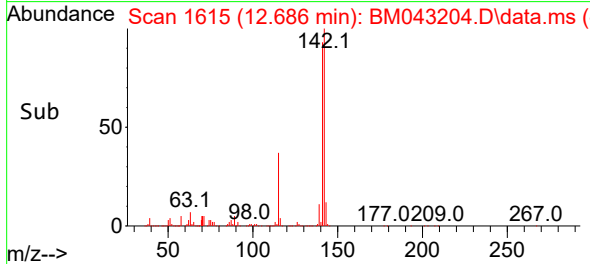
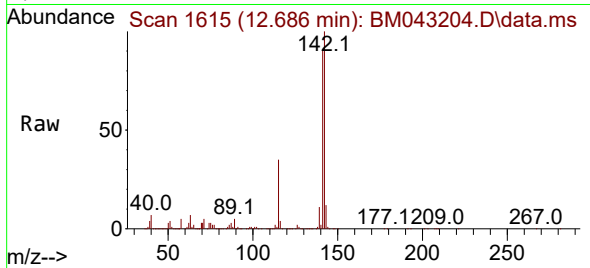




#37
1-Methylnaphthalene
Concen: 24.775 ng/ul
RT: 12.686 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

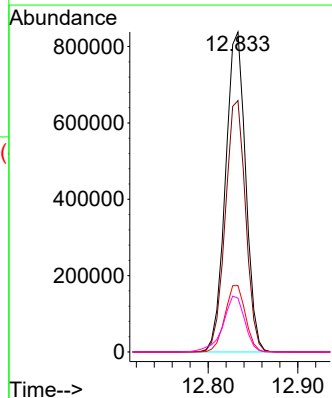
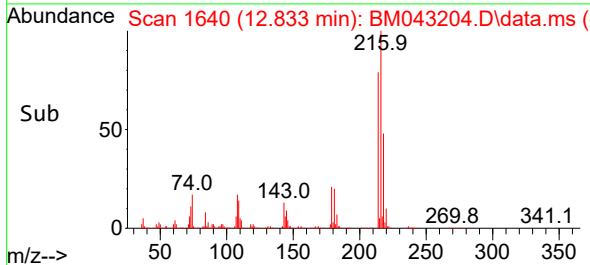
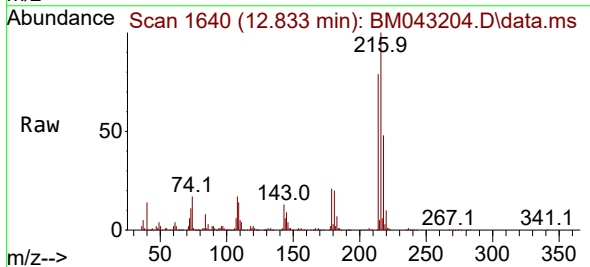
Instrument :
BNA_M
ClientSampleId :
SLCS622

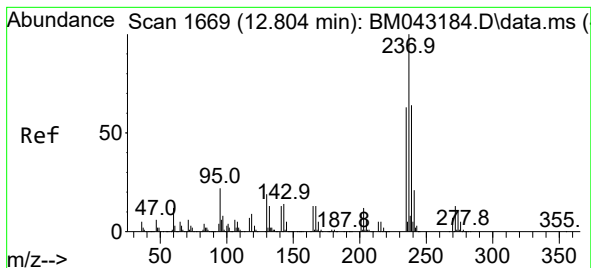
Tgt Ion:142 Resp: 2557803
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9
116 3.7 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.095 ng/ul
RT: 12.833 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:216 Resp: 1308025
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 20.7 16.4 24.6
108 16.9 13.6 20.4





#40

Hexachlorocyclopentadiene

Concen: 17.815 ng/ul

RT: 12.804 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

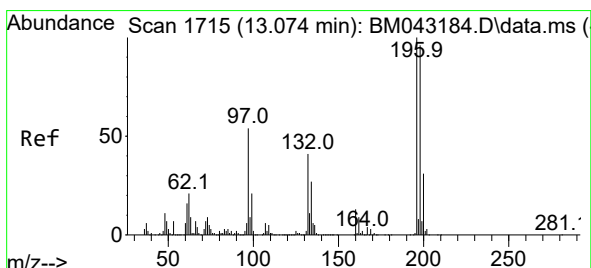
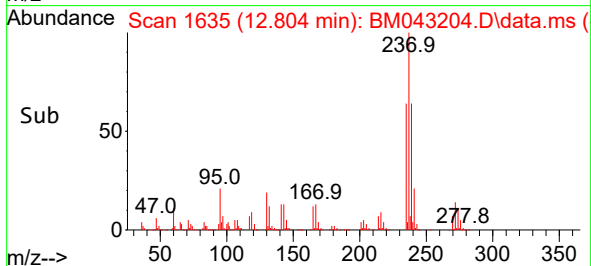
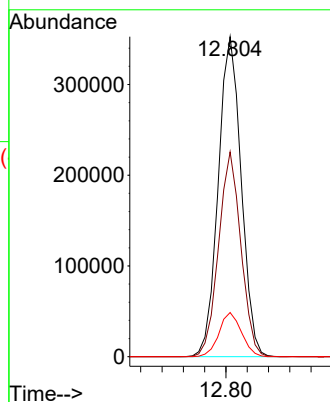
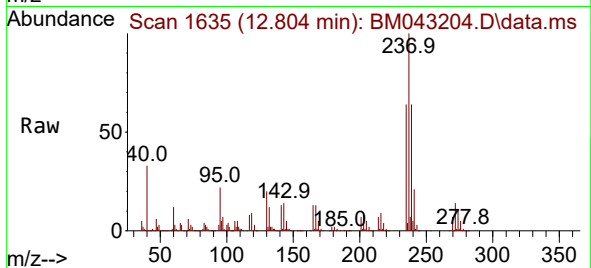
Tgt Ion:237 Resp: 526890

Ion Ratio Lower Upper

237 100

235 64.0 50.5 75.7

272 13.8 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 24.101 ng/ul

RT: 13.074 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

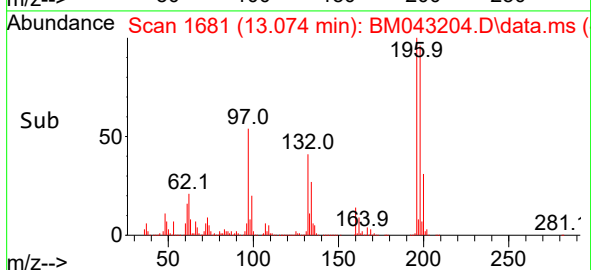
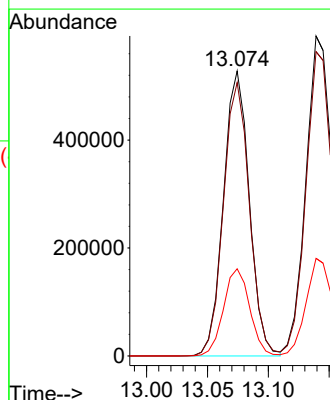
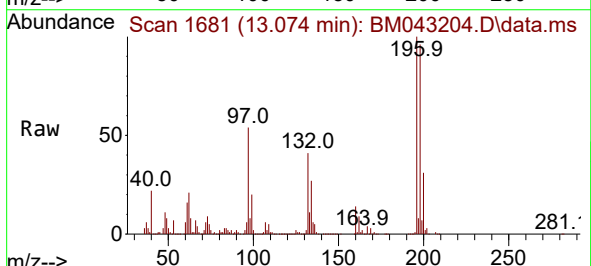
Tgt Ion:196 Resp: 781679

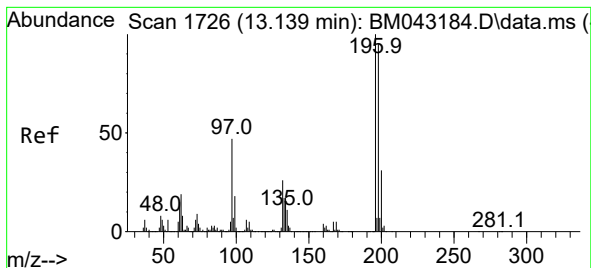
Ion Ratio Lower Upper

196 100

198 96.0 77.0 115.4

200 30.6 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 25.207 ng/ul

RT: 13.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

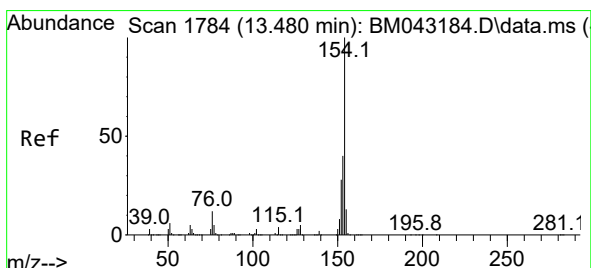
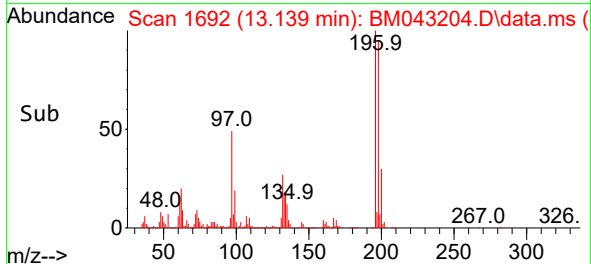
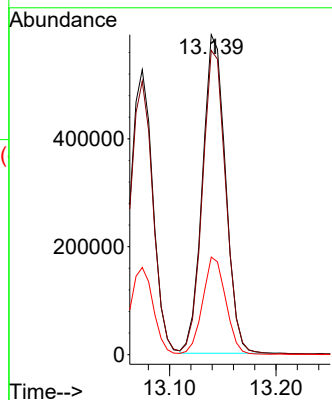
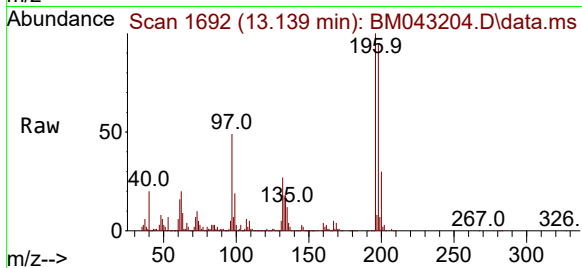
Tgt Ion:196 Resp: 889818

Ion Ratio Lower Upper

196 100

198 95.1 76.1 114.1

200 30.5 24.6 36.8



#43

1,1'-Biphenyl

Concen: 25.537 ng/ul

RT: 13.480 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

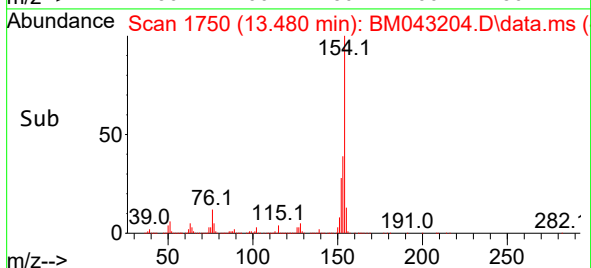
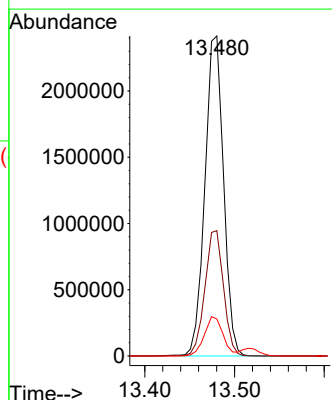
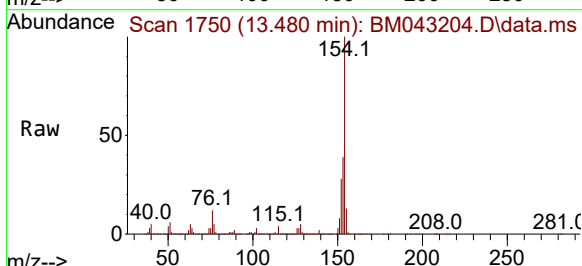
Tgt Ion:154 Resp: 3480269

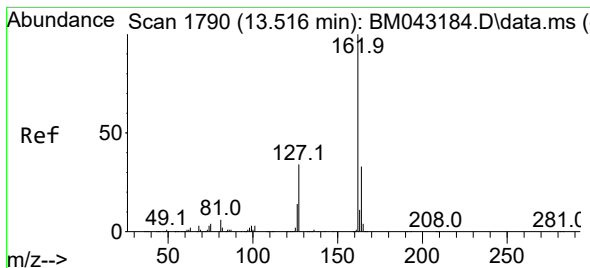
Ion Ratio Lower Upper

154 100

153 39.2 31.8 47.6

76 11.5 9.3 13.9

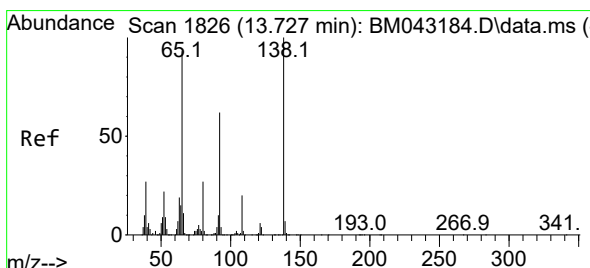
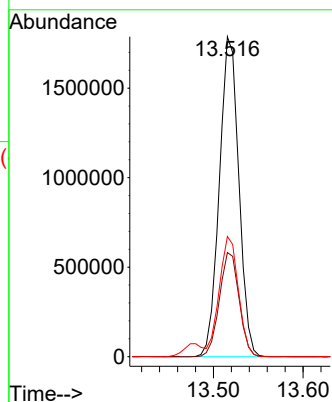
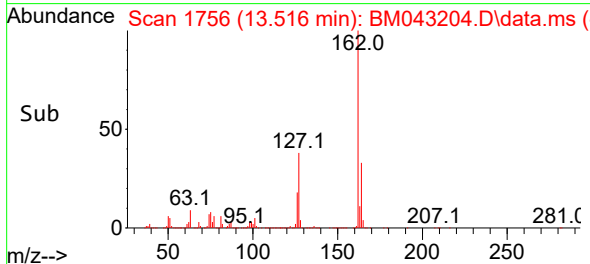
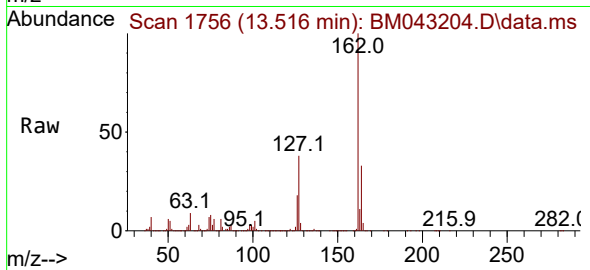




#44
2-Chloronaphthalene
Concen: 25.455 ng/ul
RT: 13.516 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

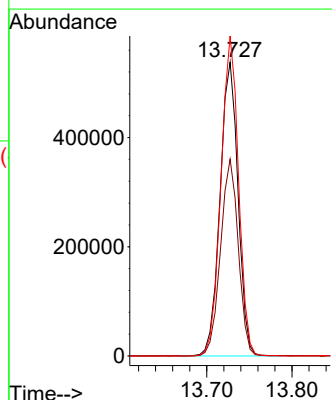
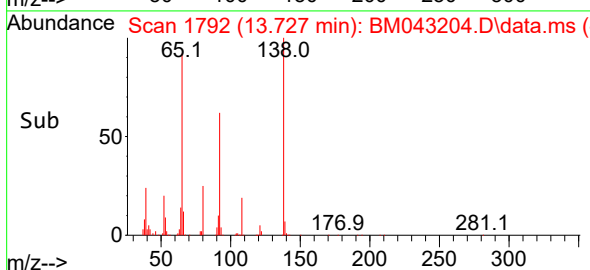
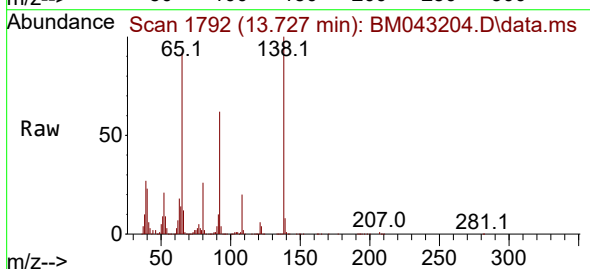
Instrument :
BNA_M
ClientSampleId :
SLCS622

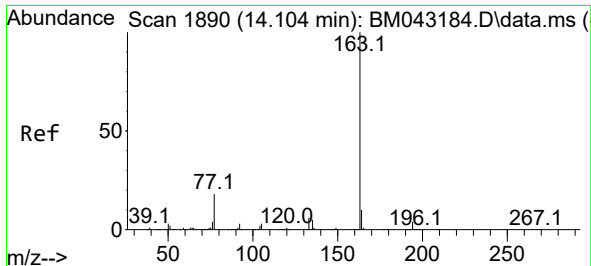
Tgt Ion:162 Resp: 2689141
Ion Ratio Lower Upper
162 100
164 32.6 26.4 39.6
127 37.5 30.0 45.0



#45
2-Nitroaniline
Concen: 28.237 ng/ul
RT: 13.727 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion: 65 Resp: 788260
Ion Ratio Lower Upper
65 100
92 67.0 53.4 80.0
138 108.9 86.2 129.2





#47

Dimethylphthalate

Concen: 25.931 ng/ul

RT: 14.104 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

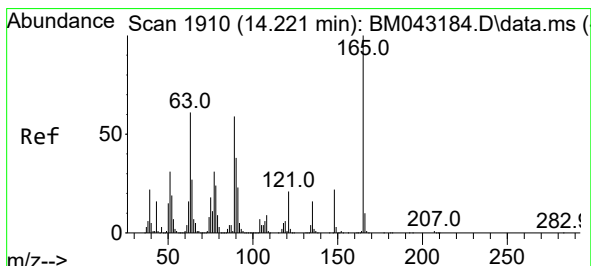
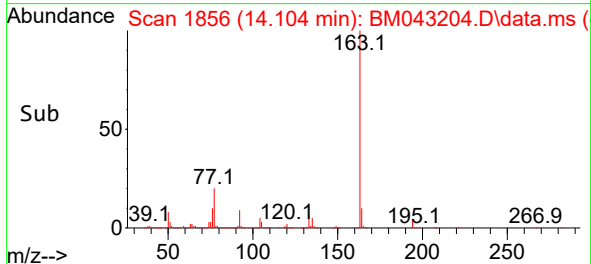
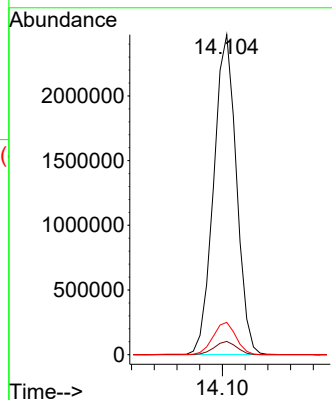
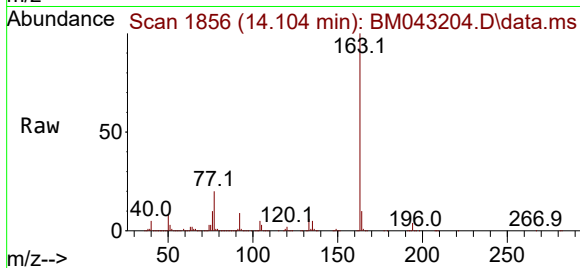
Tgt Ion:163 Resp: 3434705

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 27.587 ng/ul

RT: 14.227 min Scan# 1877

Delta R.T. 0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

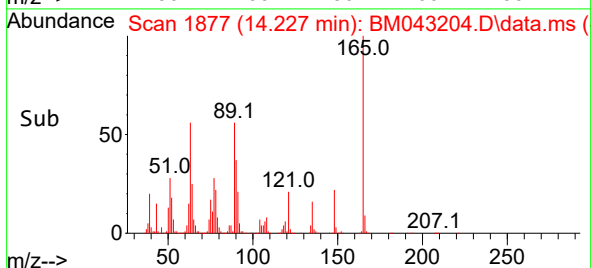
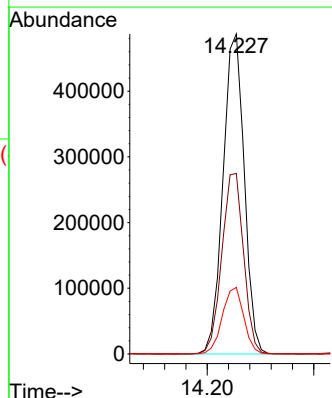
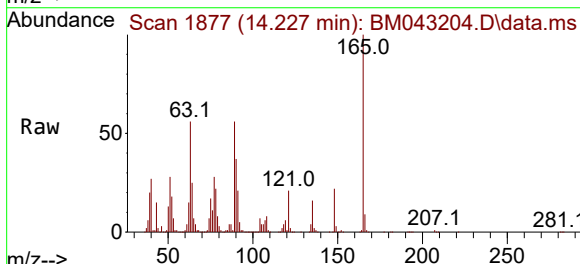
Tgt Ion:165 Resp: 673222

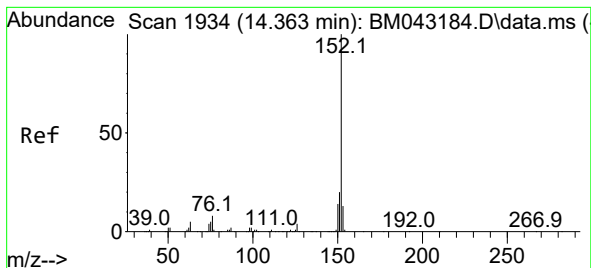
Ion Ratio Lower Upper

165 100

89 56.4 47.5 71.3

121 20.8 17.1 25.7





#50

Acenaphthylene

Concen: 25.696 ng/ul

RT: 14.363 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

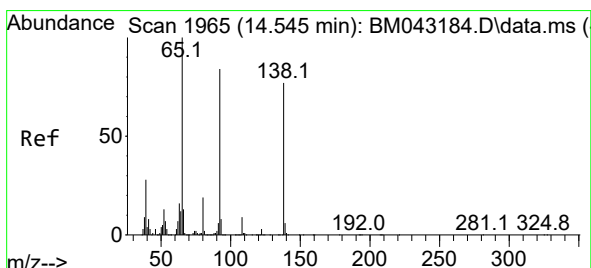
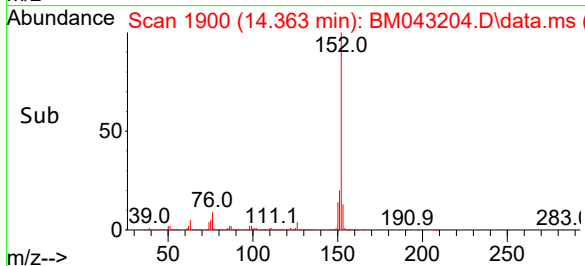
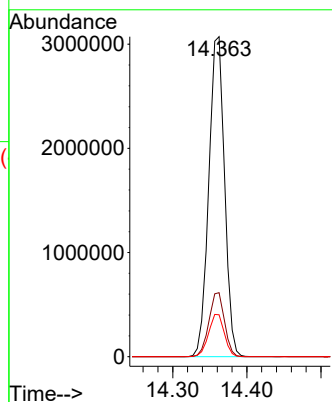
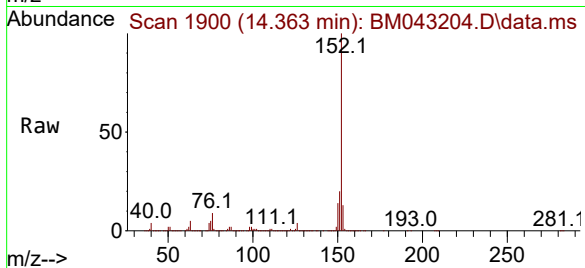
Tgt Ion:152 Resp: 4537596

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.1 10.3 15.5



#51

3-Nitroaniline

Concen: 25.060 ng/ul

RT: 14.551 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

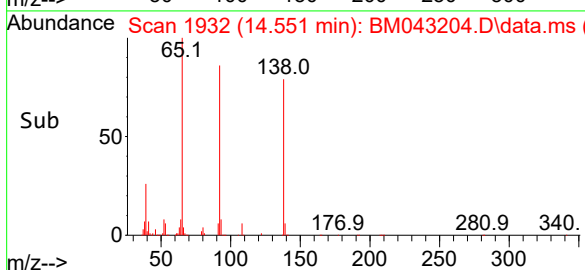
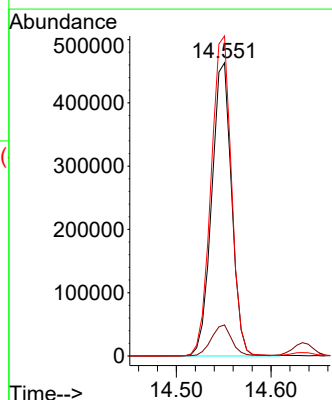
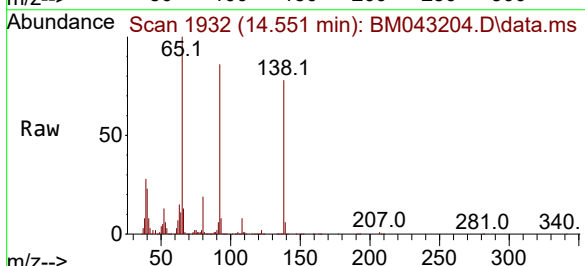
Tgt Ion:138 Resp: 678454

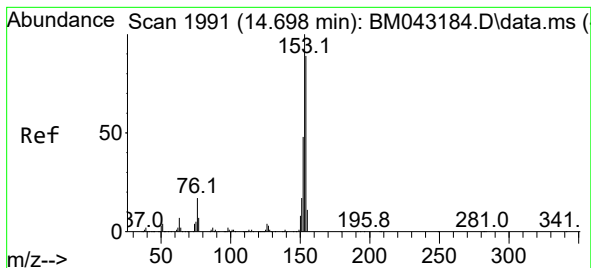
Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

92 109.2 87.9 131.9





#52

Acenaphthene

Concen: 25.515 ng/ul

RT: 14.698 min Scan# 1991

Delta R.T. -0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

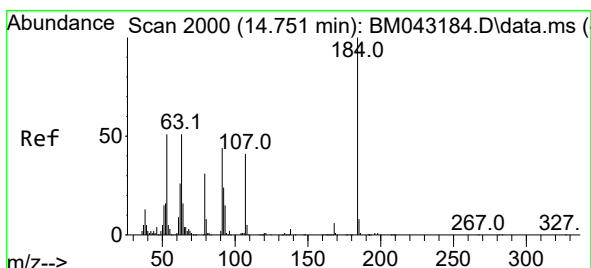
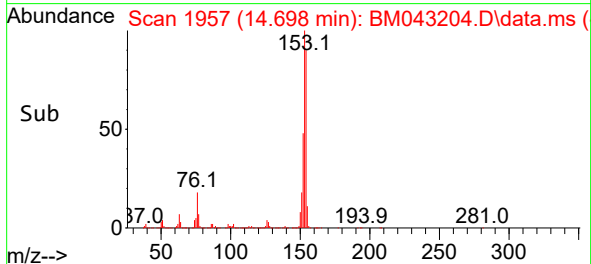
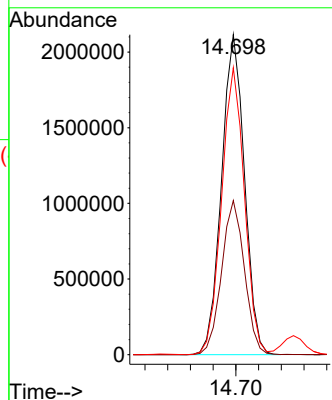
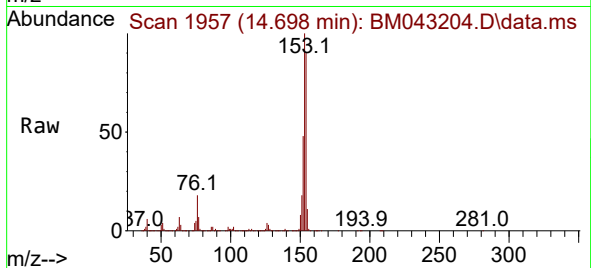
Tgt Ion:153 Resp: 2971972

Ion Ratio Lower Upper

153 100

152 48.1 38.6 58.0

154 89.7 71.6 107.4



#53

2,4-Dinitrophenol

Concen: 25.664 ng/ul

RT: 14.751 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

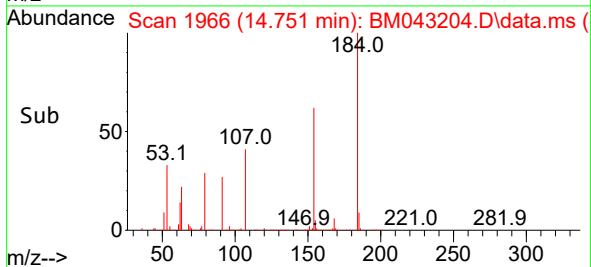
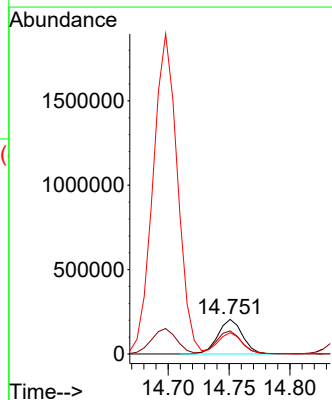
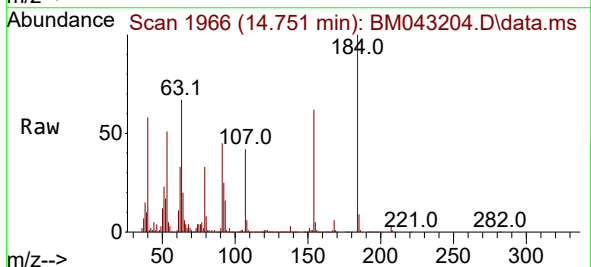
Tgt Ion:184 Resp: 287520

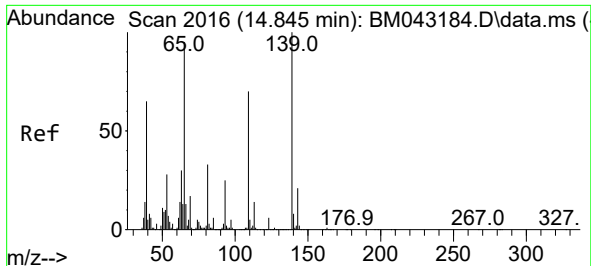
Ion Ratio Lower Upper

184 100

63 66.8 52.2 78.4

154 61.6 47.8 71.8

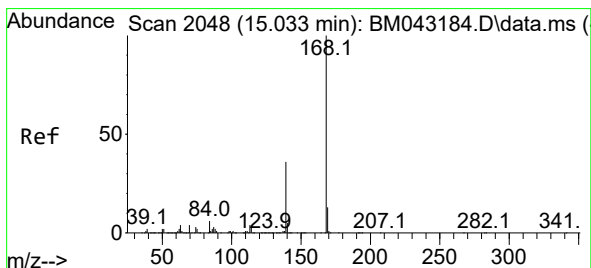
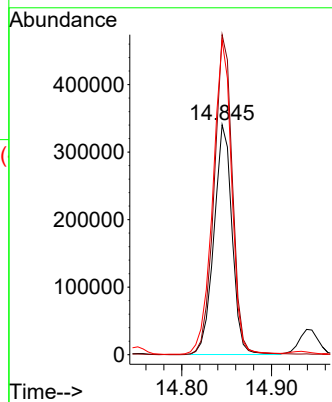
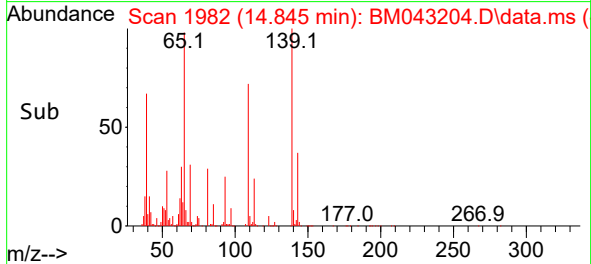
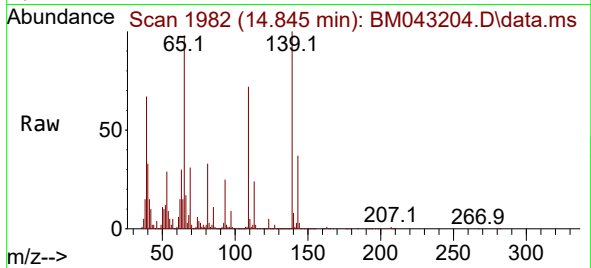




#55
4-Nitrophenol
Concen: 27.267 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

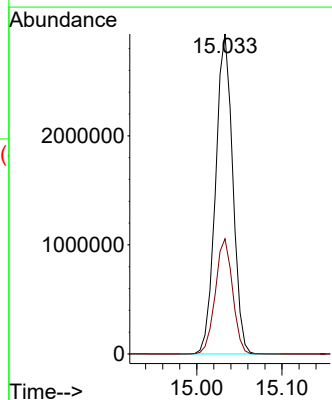
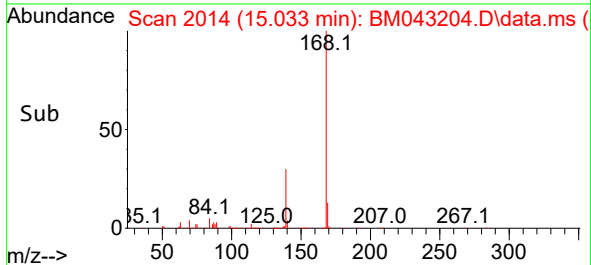
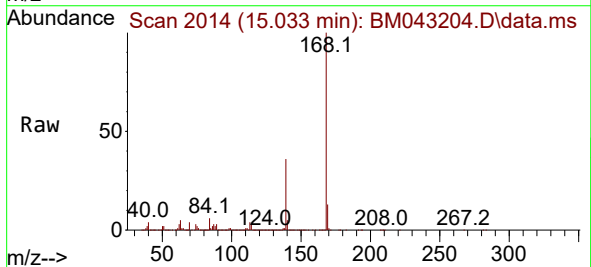
Instrument :
BNA_M
ClientSampleId :
SLCS622

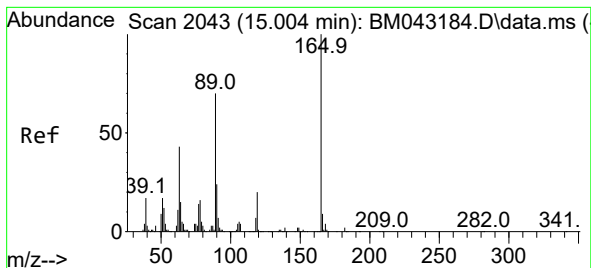
Tgt Ion:109 Resp: 477116
Ion Ratio Lower Upper
109 100
139 139.2 114.7 172.1
65 136.8 109.5 164.3



#56
Dibenzofuran
Concen: 25.749 ng/ul
RT: 15.033 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:168 Resp: 4096839
Ion Ratio Lower Upper
168 100
139 36.0 28.6 43.0

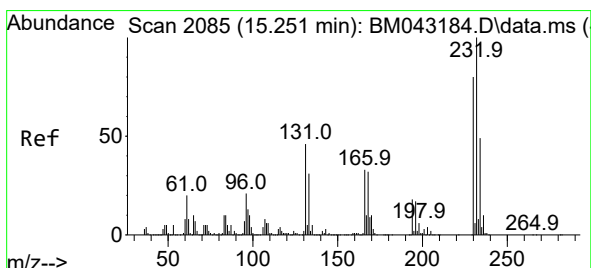
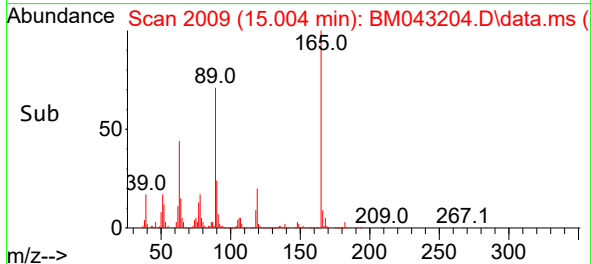
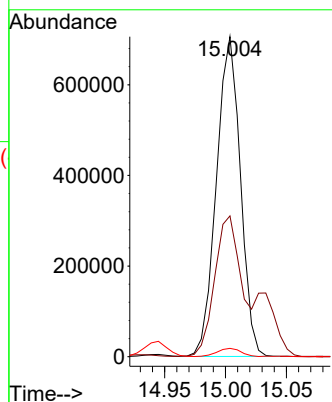
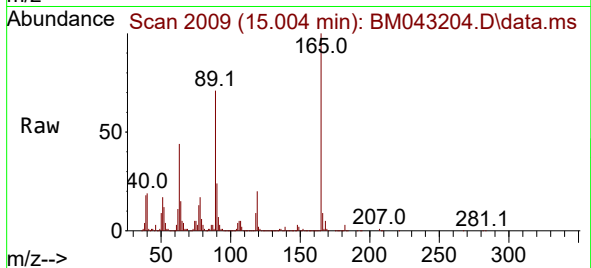




#57
2,4-Dinitrotoluene
Concen: 27.754 ng/ul
RT: 15.004 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

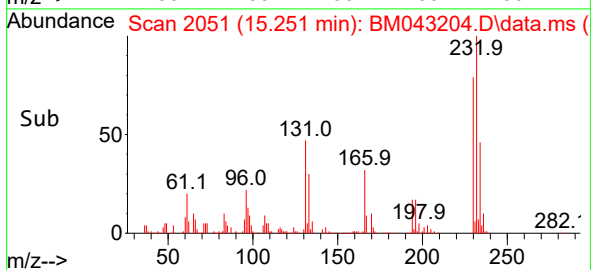
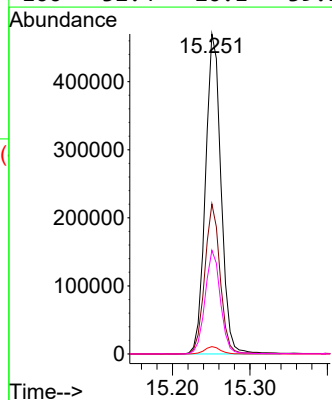
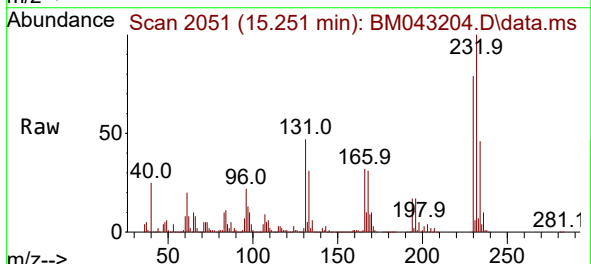
Instrument :
BNA_M
ClientSampleId :
SLCS622

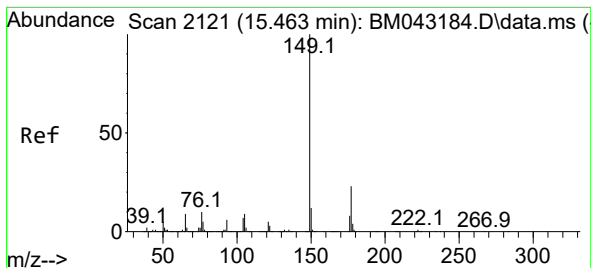
Tgt Ion:165 Resp: 967078
Ion Ratio Lower Upper
165 100
63 44.0 34.6 52.0
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.411 ng/ul
RT: 15.251 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:232 Resp: 657583
Ion Ratio Lower Upper
232 100
131 46.9 37.0 55.4
130 2.3 1.9 2.9
166 32.4 26.1 39.1





#59

Diethylphthalate

Concen: 26.160 ng/ul

RT: 15.463 min Scan# 2121

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

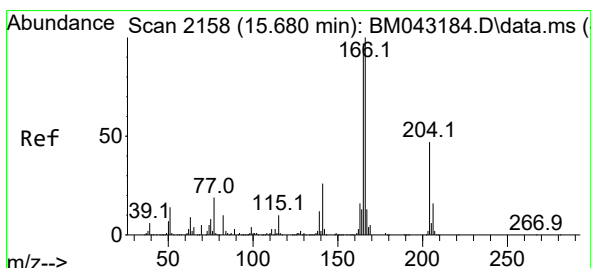
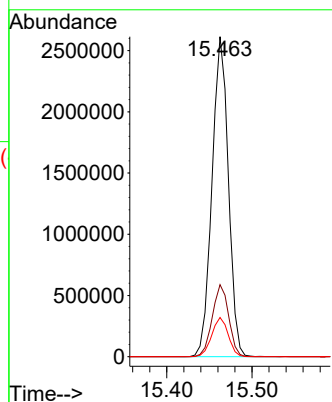
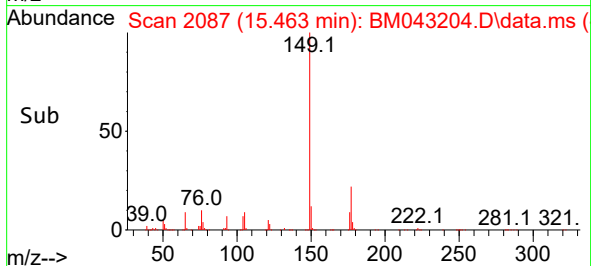
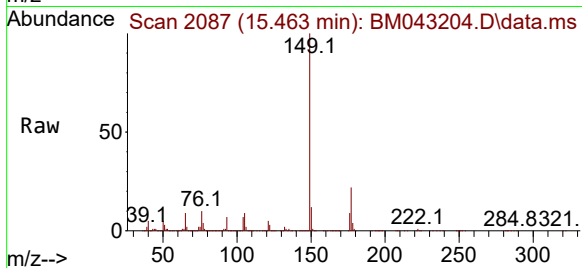
Tgt Ion:149 Resp: 3485292

Ion Ratio Lower Upper

149 100

177 22.5 18.2 27.2

150 12.3 10.0 15.0



#61

Fluorene

Concen: 26.055 ng/ul

RT: 15.680 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

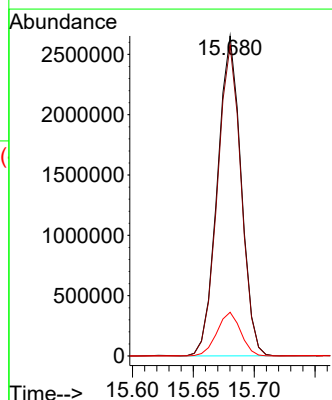
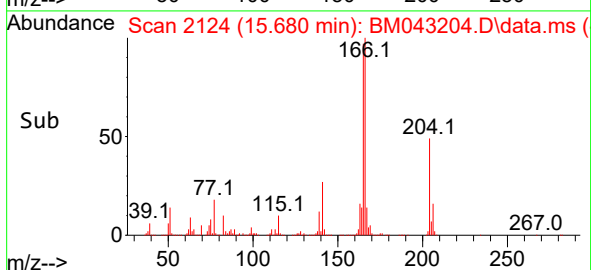
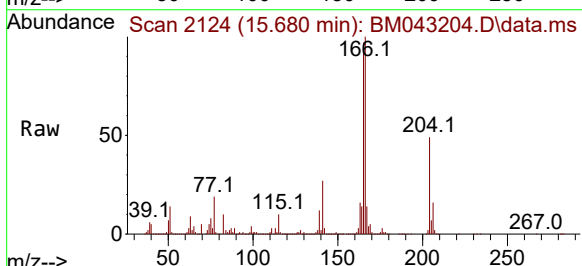
Tgt Ion:166 Resp: 3588608

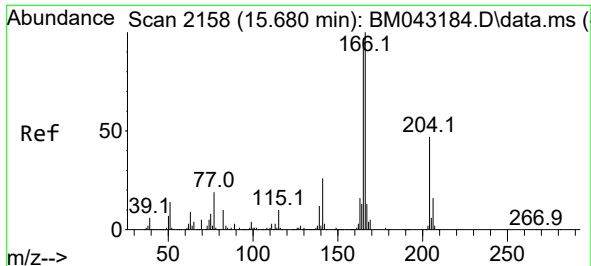
Ion Ratio Lower Upper

166 100

165 97.1 77.5 116.3

167 13.7 10.7 16.1

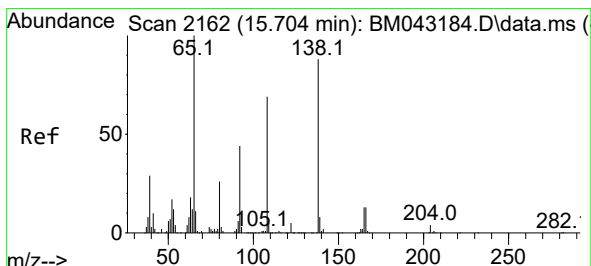
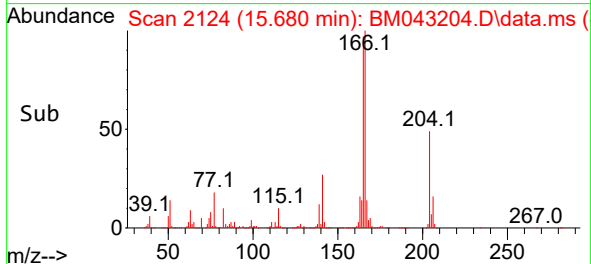
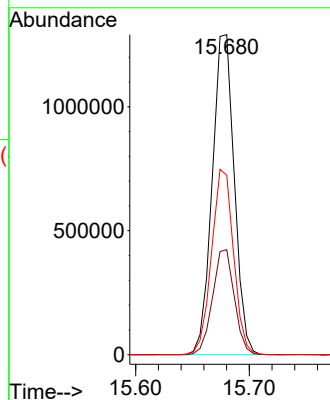
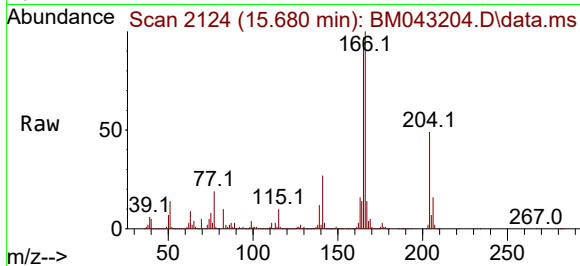




#62
4-Chlorophenyl-phenylether
Concen: 25.676 ng/ul
RT: 15.680 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

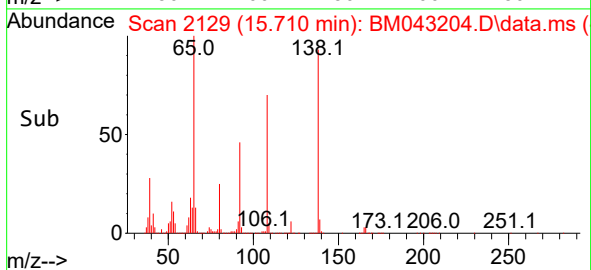
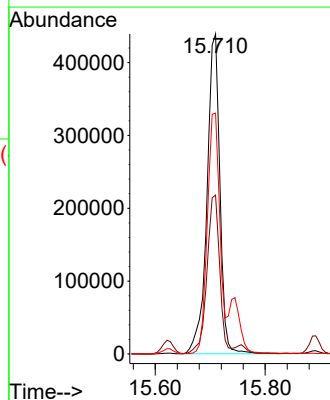
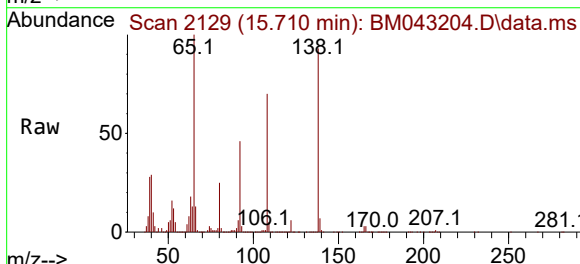
Instrument :
BNA_M
ClientSampleId :
SLCS622

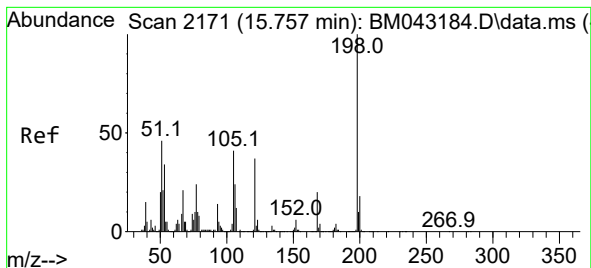
Tgt Ion:204 Resp: 1747113
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 56.1 44.2 66.4



#63
4-Nitroaniline
Concen: 26.362 ng/ul
RT: 15.710 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:138 Resp: 717102
Ion Ratio Lower Upper
138 100
92 49.6 40.1 60.1
108 75.2 63.0 94.6

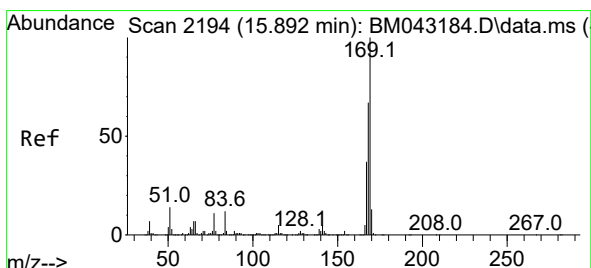
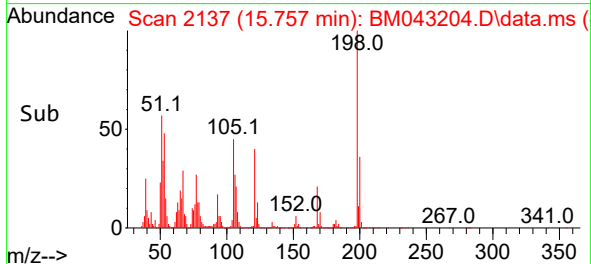
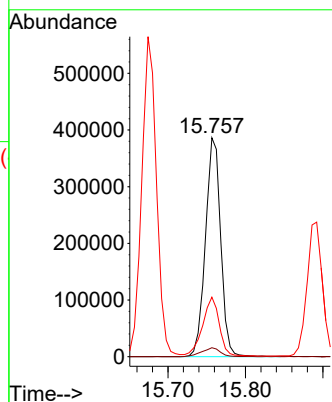
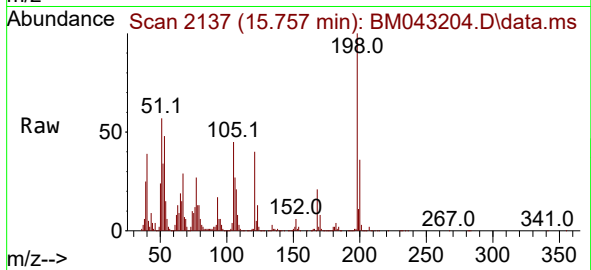




#66
4,6-Dinitro-2-methylphenol
Concen: 26.643 ng/ul
RT: 15.757 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

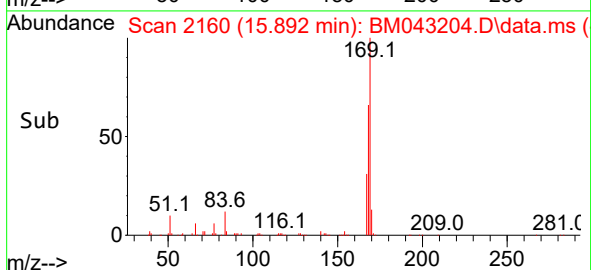
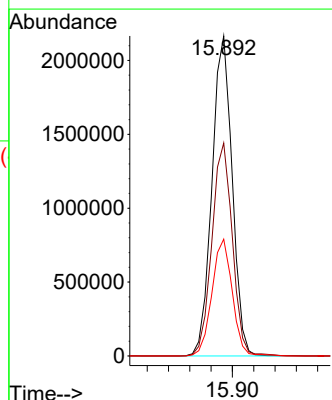
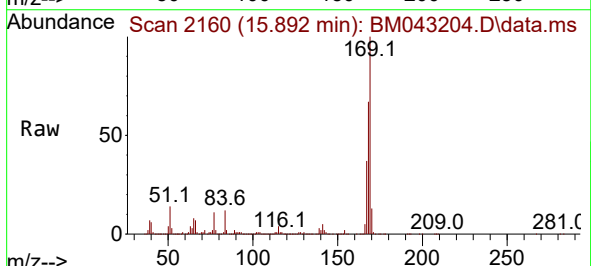
Instrument :
BNA_M
ClientSampleId :
SLCS622

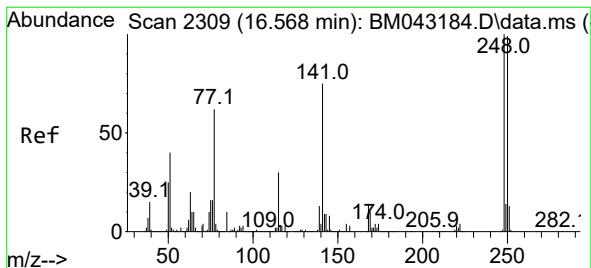
Tgt Ion:198 Resp: 528164
Ion Ratio Lower Upper
198 100
182 4.1 3.2 4.8
77 27.2 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 25.762 ng/ul
RT: 15.892 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:169 Resp: 2845690
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.5 29.4 44.0

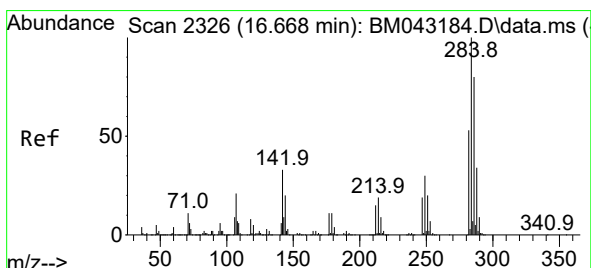
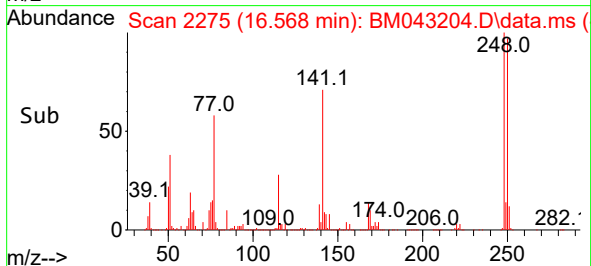
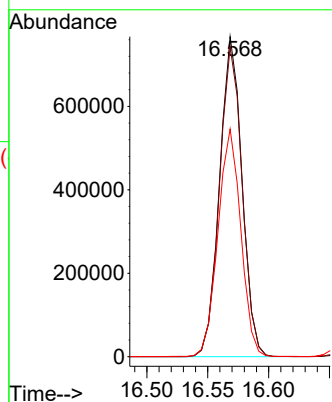
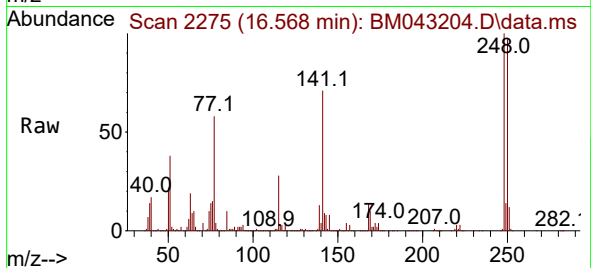




#68
4-Bromophenyl-phenylether
Concen: 24.737 ng/ul
RT: 16.568 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

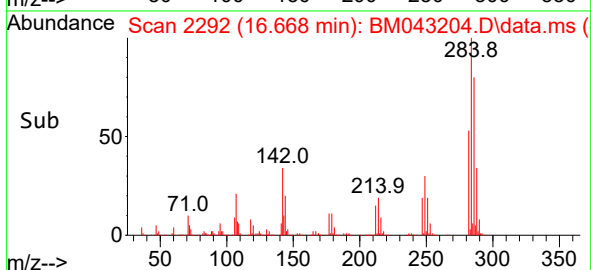
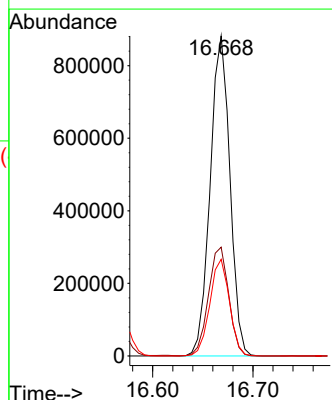
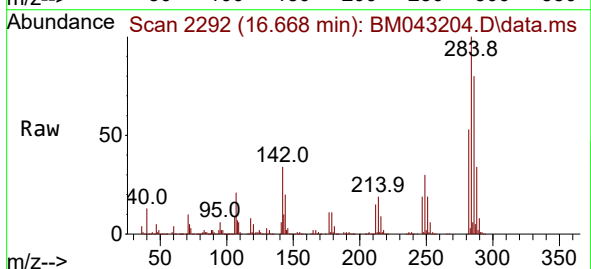
Instrument :
BNA_M
ClientSampleId :
SLCS622

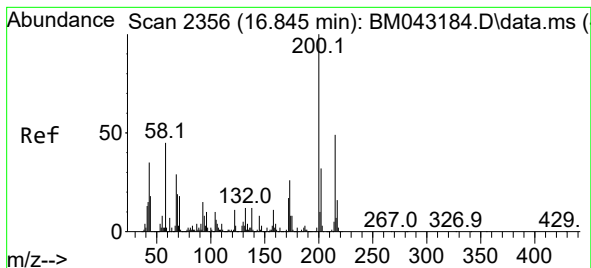
Tgt Ion:248 Resp: 985362
Ion Ratio Lower Upper
248 100
250 96.8 78.9 118.3
141 71.2 60.2 90.2



#69
Hexachlorobenzene
Concen: 25.559 ng/ul
RT: 16.668 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:284 Resp: 1208004
Ion Ratio Lower Upper
284 100
142 34.0 26.7 40.1
249 30.2 24.0 36.0





#70

Atrazine

Concen: 8.011 ng/ul

RT: 16.839 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

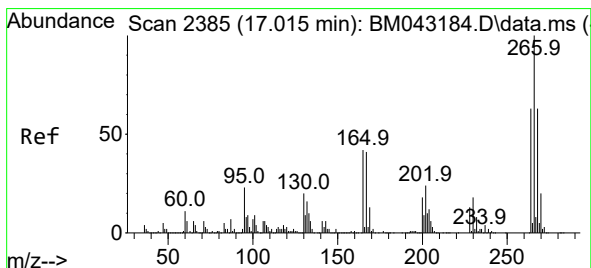
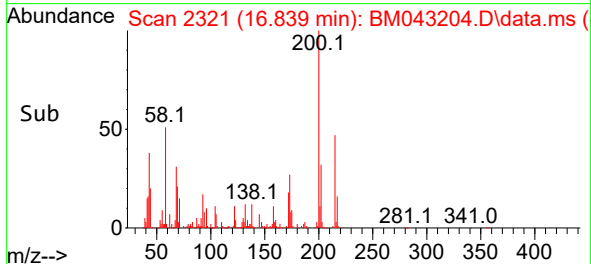
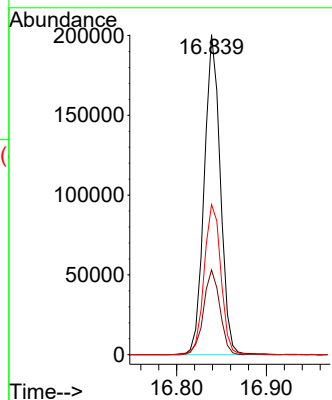
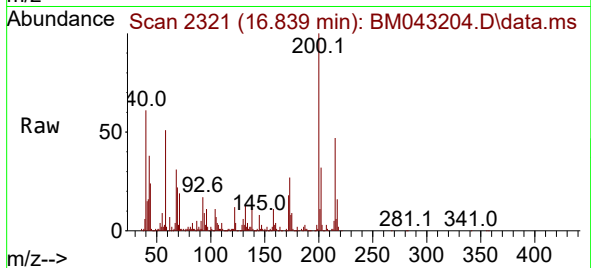
Tgt Ion:200 Resp: 249544

Ion Ratio Lower Upper

200 100

173 26.5 20.6 30.8

215 47.0 39.4 59.2



#71

Pentachlorophenol

Concen: 19.841 ng/ul

RT: 17.015 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

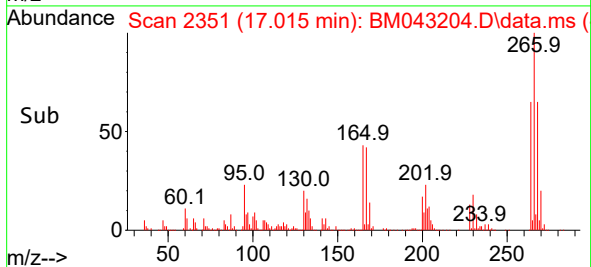
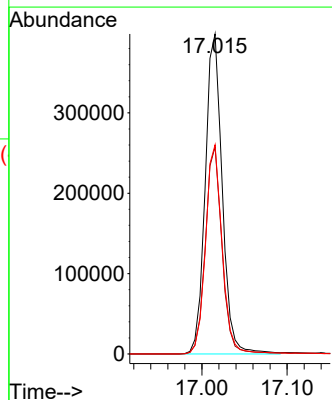
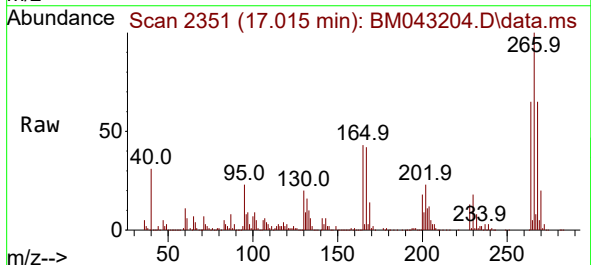
Tgt Ion:266 Resp: 552179

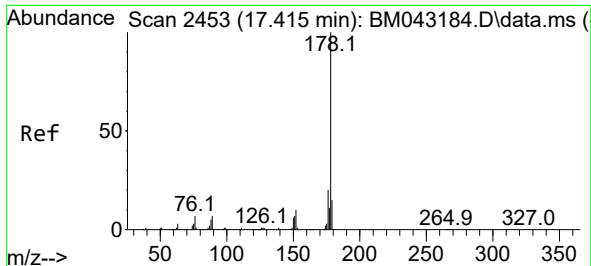
Ion Ratio Lower Upper

266 100

264 64.7 50.5 75.7

268 65.3 50.4 75.6

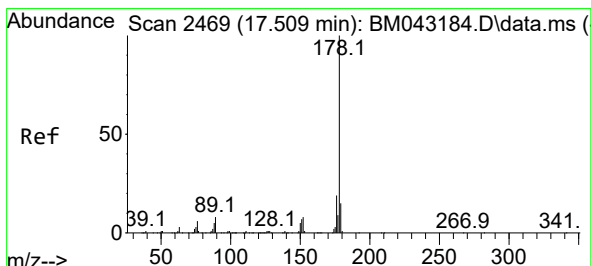
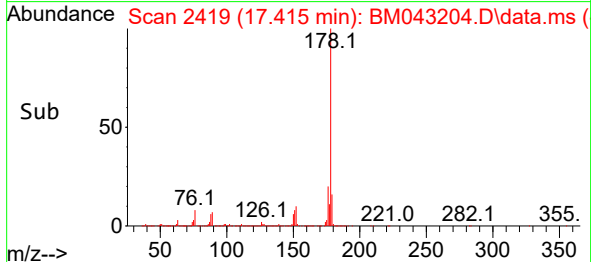
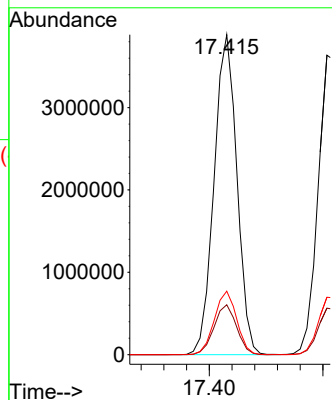
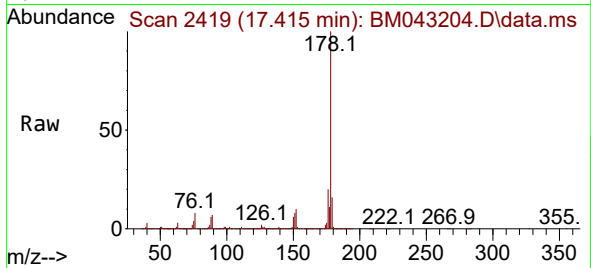




#72
Phenanthrene
Concen: 26.385 ng/ul
RT: 17.415 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

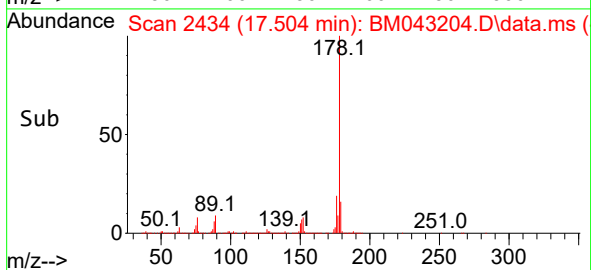
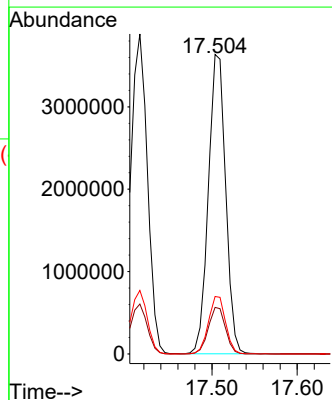
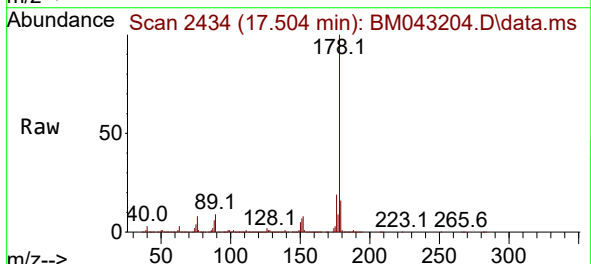
Instrument :
BNA_M
ClientSampleId :
SLCS622

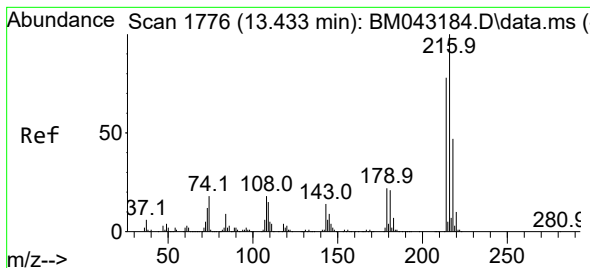
Tgt Ion:178 Resp: 5419608
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.8 15.7 23.5



#74
Anthracene
Concen: 24.773 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:178 Resp: 5125850
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 19.2 15.1 22.7

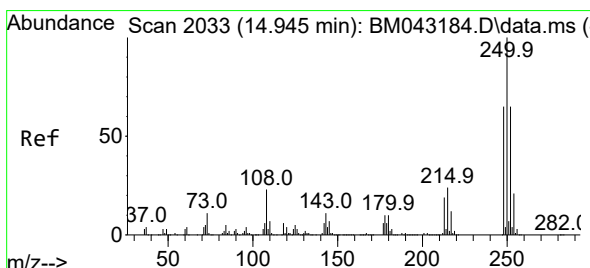
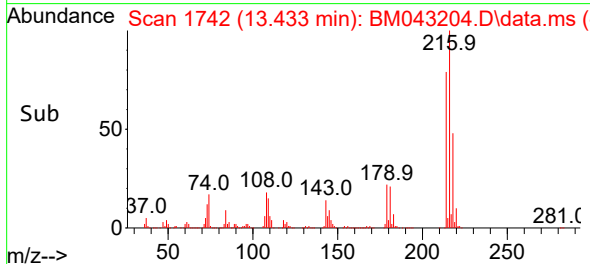
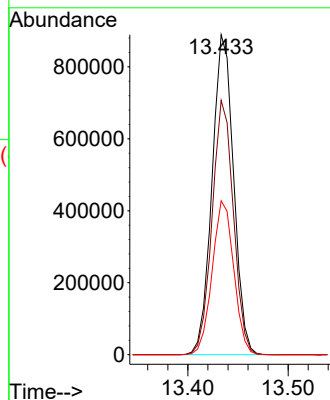
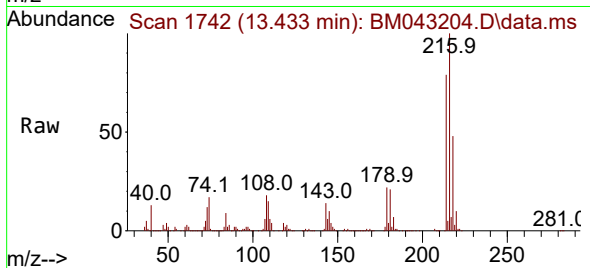




#75
1,2,3,4-Tetrachlorobenzene
Concen: 25.482 ng/uL
RT: 13.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

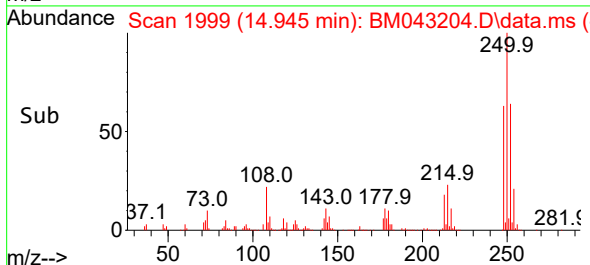
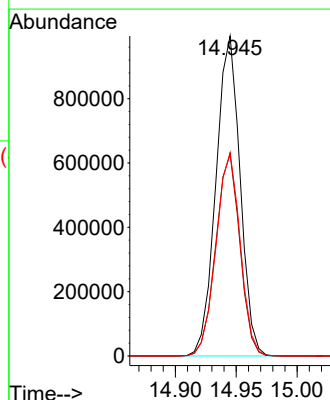
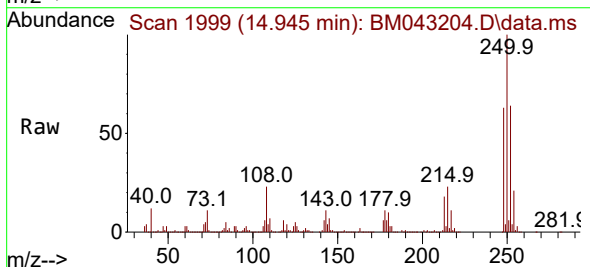
Instrument :
BNA_M
ClientSampleId :
SLCS622

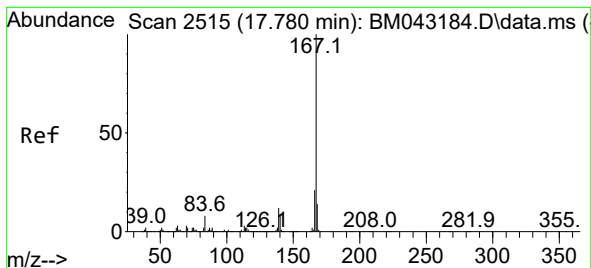
Tgt Ion:216 Resp: 1327919
Ion Ratio Lower Upper
216 100
214 79.5 62.2 93.2
218 48.1 37.6 56.4



#76
Pentachlorobenzene
Concen: 25.915 ng/uL
RT: 14.945 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM043204.D
Acq: 08 Dec 2023 19:45

Tgt Ion:250 Resp: 1372439
Ion Ratio Lower Upper
250 100
248 63.0 51.8 77.8
252 63.6 51.9 77.9





#77

Carbazole

Concen: 28.567 ng/ul

RT: 17.774 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

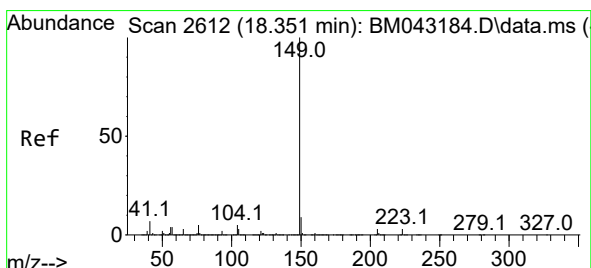
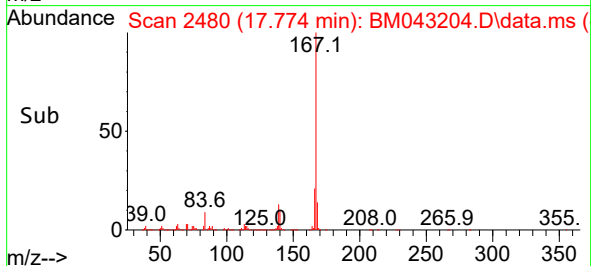
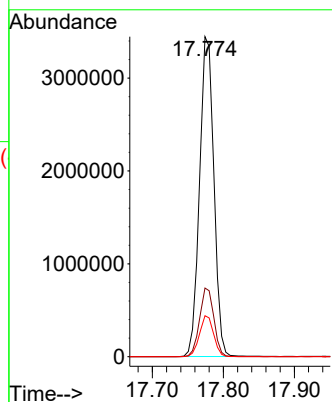
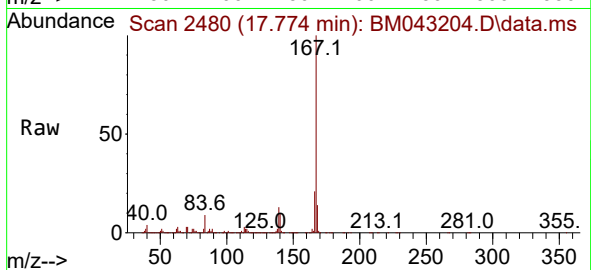
Tgt Ion:167 Resp: 4855425

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 12.8 9.9 14.9



#78

Di-n-butylphthalate

Concen: 28.329 ng/ul

RT: 18.345 min Scan# 2577

Delta R.T. -0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

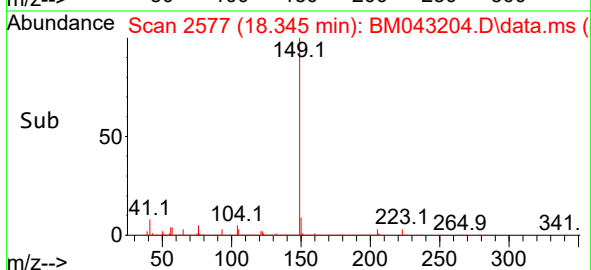
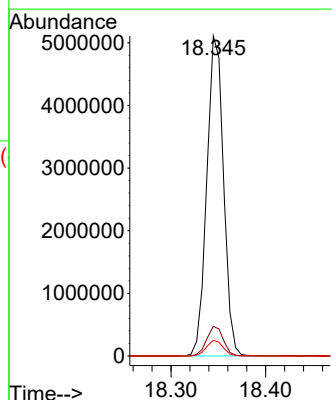
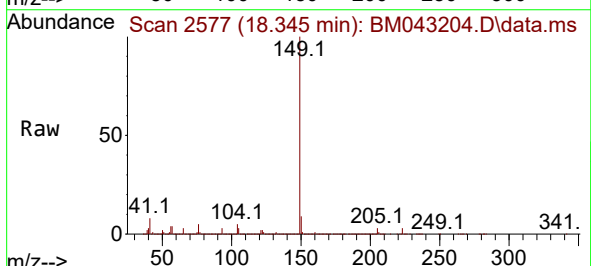
Tgt Ion:149 Resp: 6262846

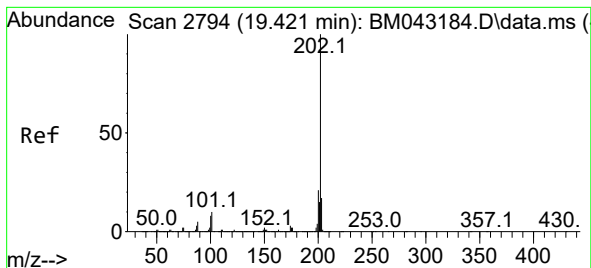
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 4.9 3.8 5.6





#80

Fluoranthene

Concen: 27.389 ng/ul

RT: 19.421 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

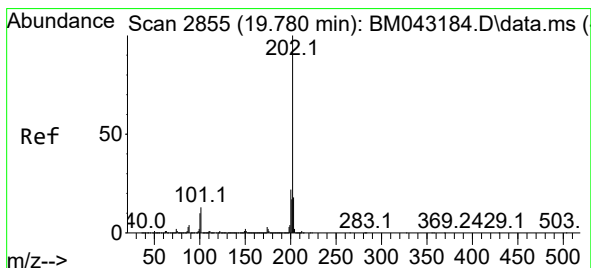
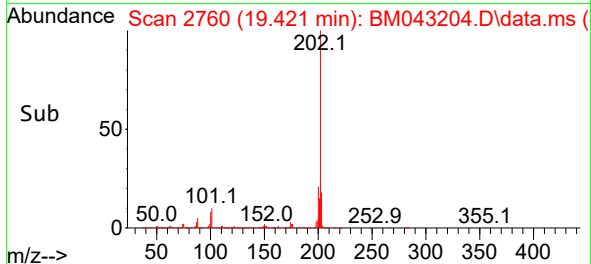
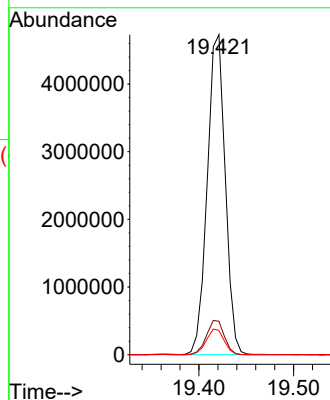
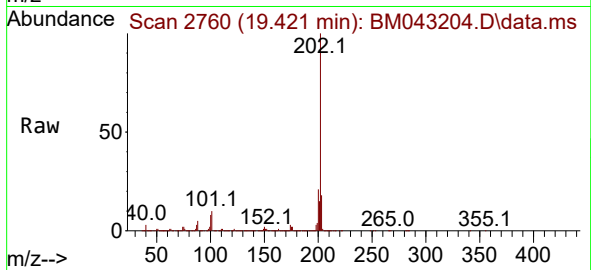
Tgt Ion:202 Resp: 6242832

Ion Ratio Lower Upper

202 100

101 10.4 8.2 12.2

100 7.6 6.1 9.1



#82

Pyrene

Concen: 27.144 ng/ul

RT: 19.780 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

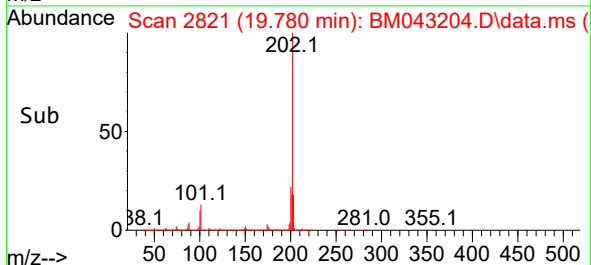
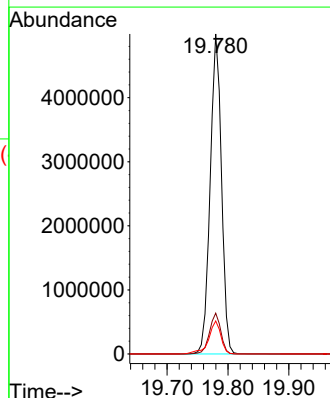
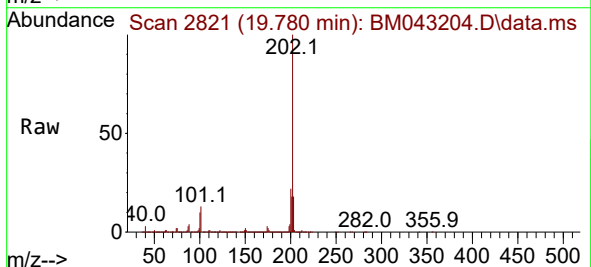
Tgt Ion:202 Resp: 6435995

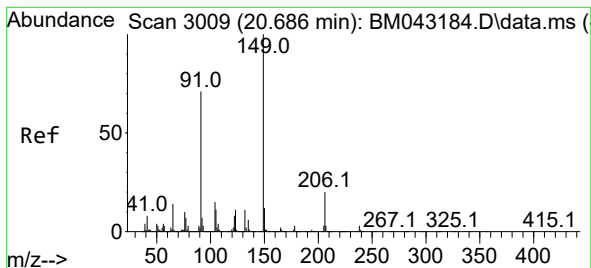
Ion Ratio Lower Upper

202 100

101 12.8 10.2 15.2

100 10.3 8.2 12.2





#83

Butylbenzylphthalate

Concen: 28.515 ng/ul

RT: 20.686 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

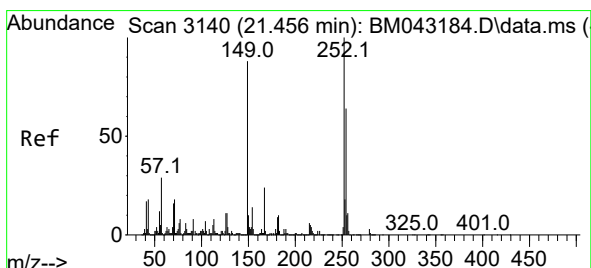
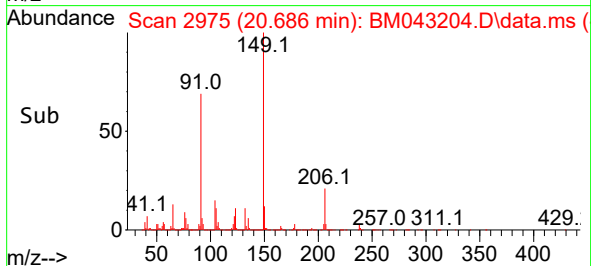
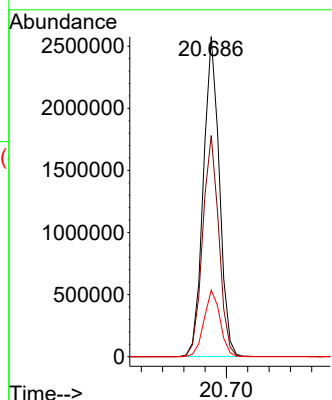
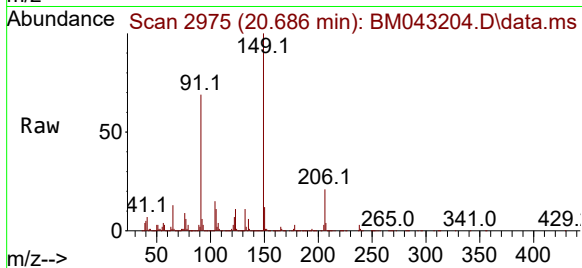
Tgt Ion:149 Resp: 2689439

Ion Ratio Lower Upper

149 100

91 69.1 56.9 85.3

206 20.8 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 24.787 ng/ul

RT: 21.456 min Scan# 3106

Delta R.T. -0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

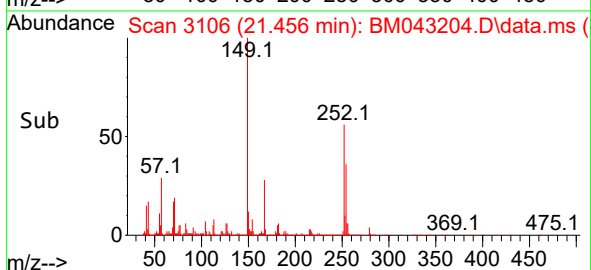
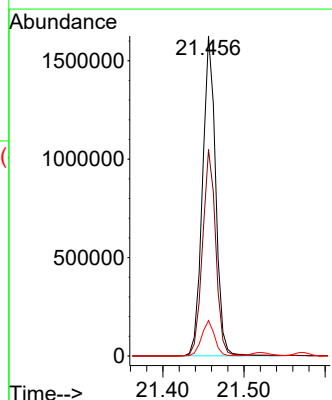
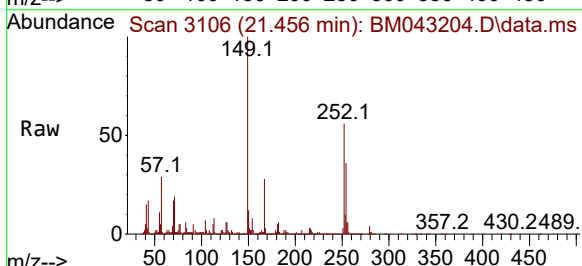
Tgt Ion:252 Resp: 1829368

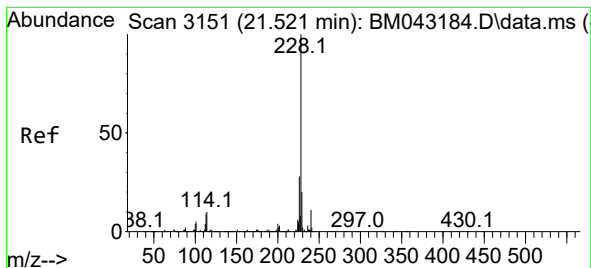
Ion Ratio Lower Upper

252 100

254 64.5 51.3 76.9

126 11.0 8.8 13.2





#85

Benzo(a)anthracene

Concen: 26.444 ng/ul

RT: 21.521 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

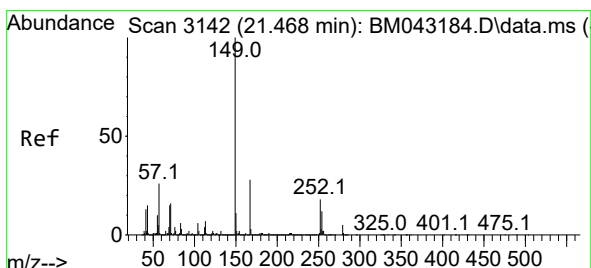
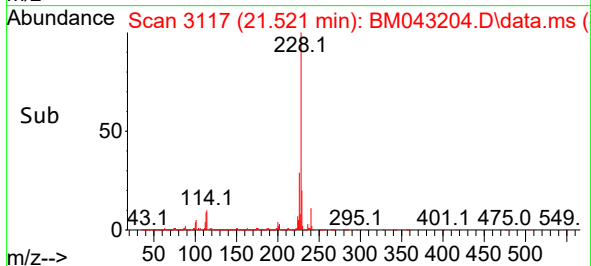
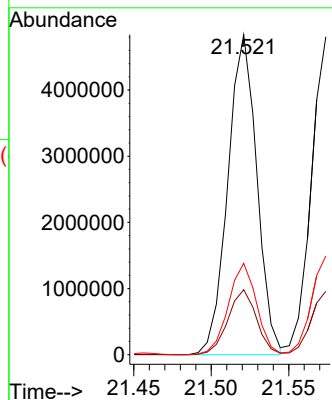
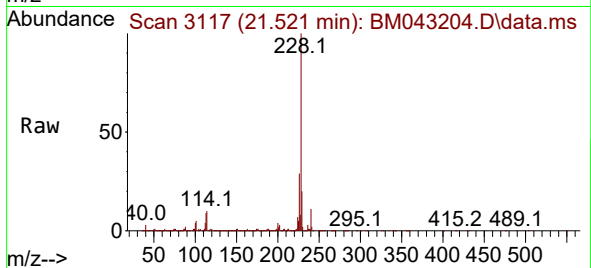
Tgt Ion:228 Resp: 6296195

Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.8

226 28.5 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 29.110 ng/ul

RT: 21.462 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

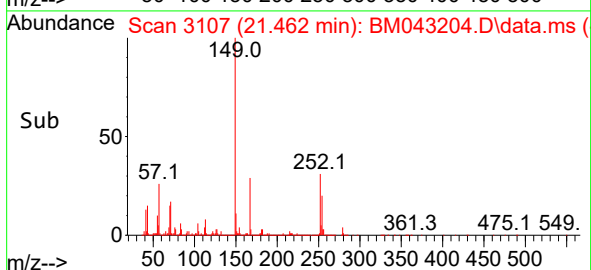
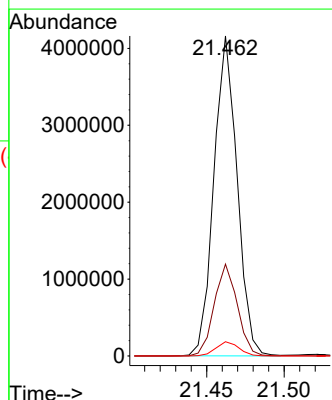
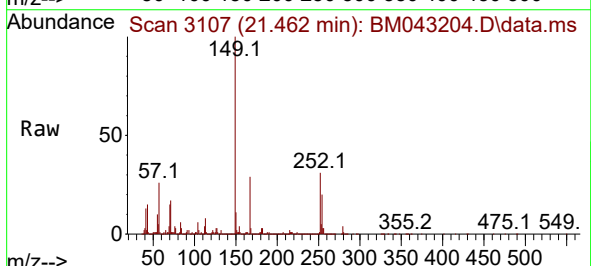
Tgt Ion:149 Resp: 4334047

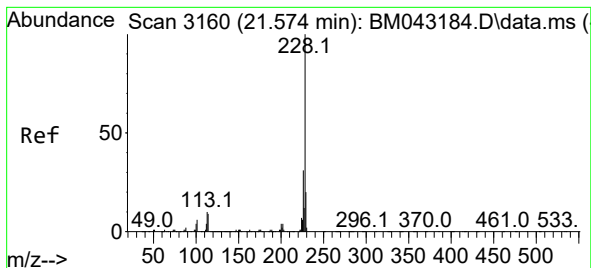
Ion Ratio Lower Upper

149 100

167 28.7 22.6 34.0

279 4.4 3.7 5.5





#87

Chrysene

Concen: 26.968 ng/ul

RT: 21.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

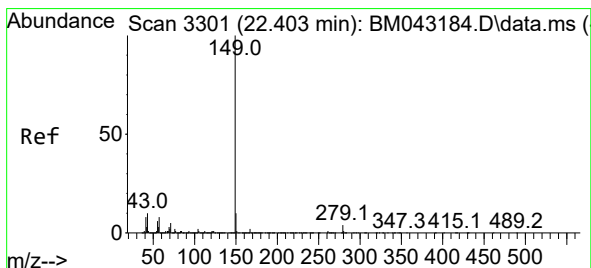
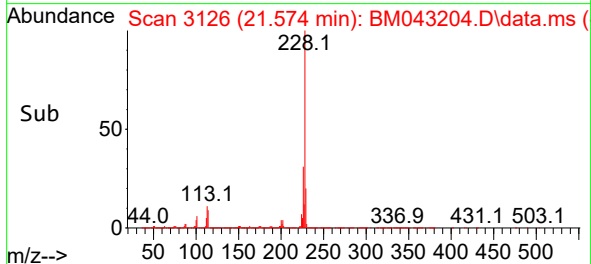
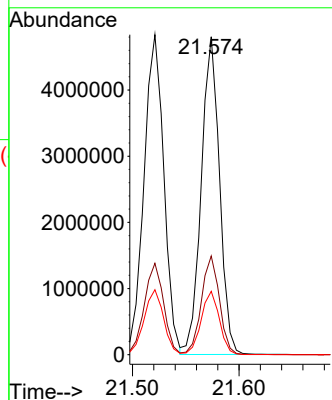
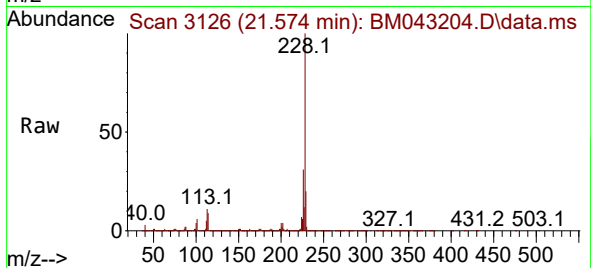
Tgt Ion:228 Resp: 5735066

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

229 20.0 16.2 24.2



#89

Di-n-octyl phthalate

Concen: 31.574 ng/ul

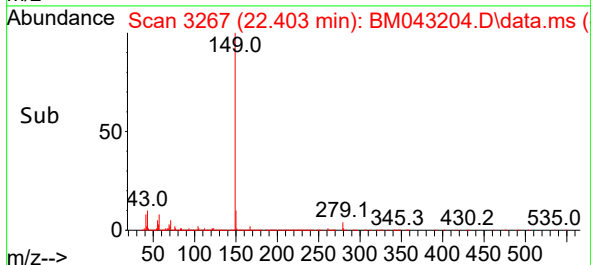
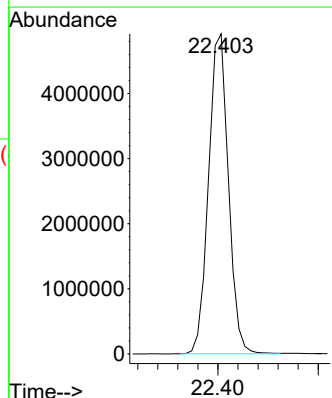
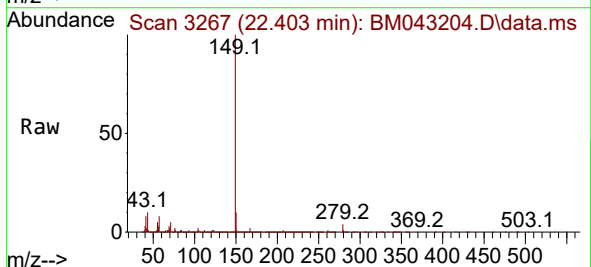
RT: 22.403 min Scan# 3267

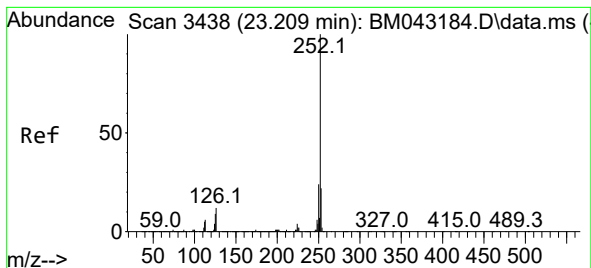
Delta R.T. 0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Tgt Ion:149 Resp: 6749271





#90

Benzo(b)fluoranthene

Concen: 26.170 ng/ul

RT: 23.203 min Scan# 3411

Delta R.T. -0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

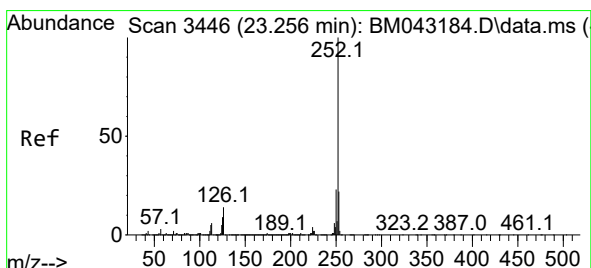
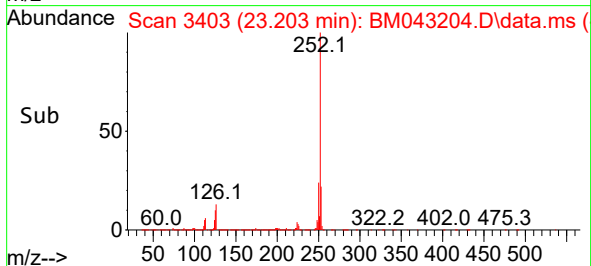
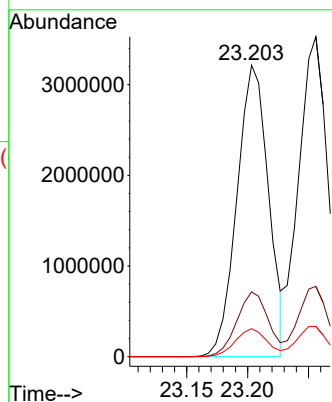
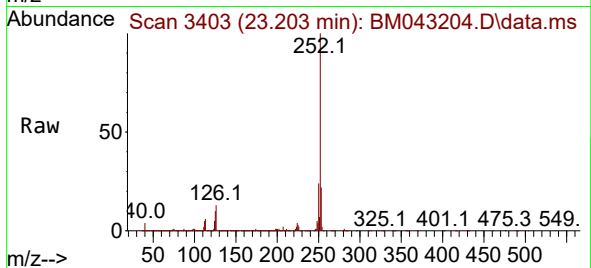
Tgt Ion:252 Resp: 5802626

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 9.6 7.2 10.8



#91

Benzo(k)fluoranthene

Concen: 27.020 ng/ul

RT: 23.256 min Scan# 3412

Delta R.T. -0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

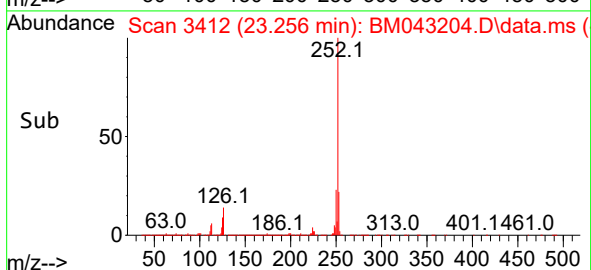
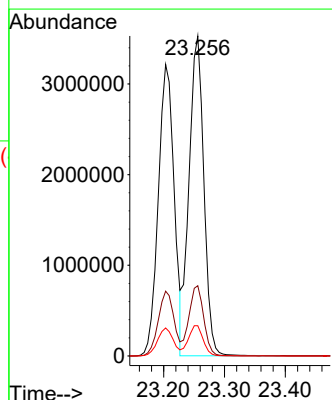
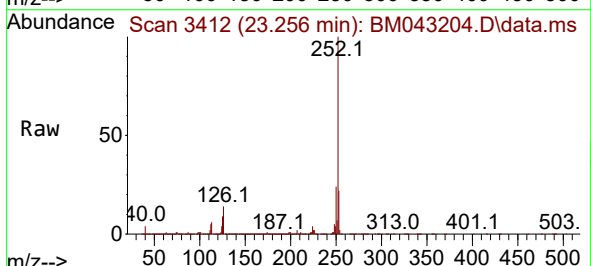
Tgt Ion:252 Resp: 5967090

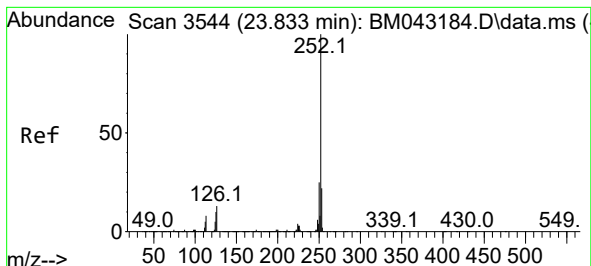
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 9.4 7.7 11.5





#93

Benzo(a)pyrene

Concen: 26.005 ng/ul

RT: 23.833 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

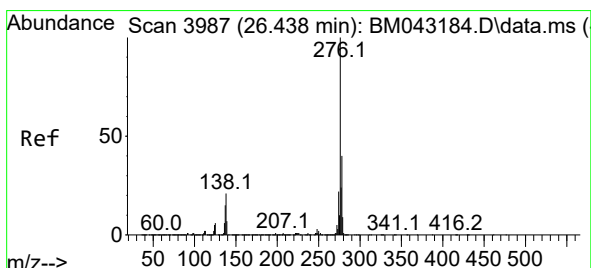
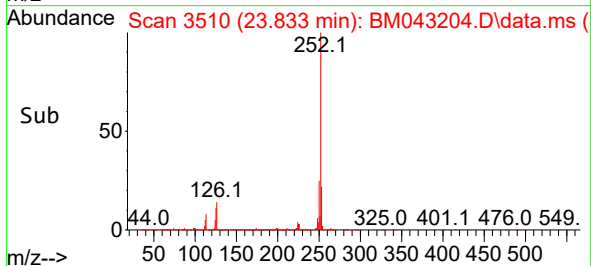
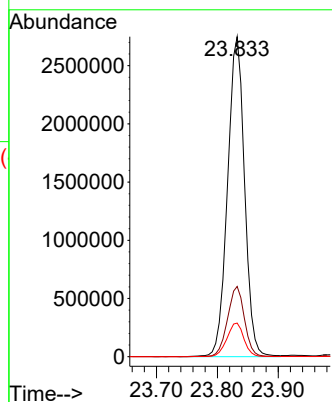
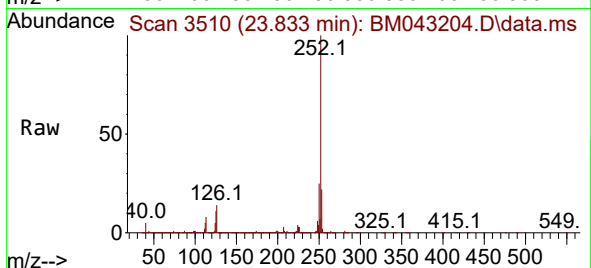
Tgt Ion:252 Resp: 5329666

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.5 8.4 12.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 25.572 ng/ul

RT: 26.432 min Scan# 3952

Delta R.T. -0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

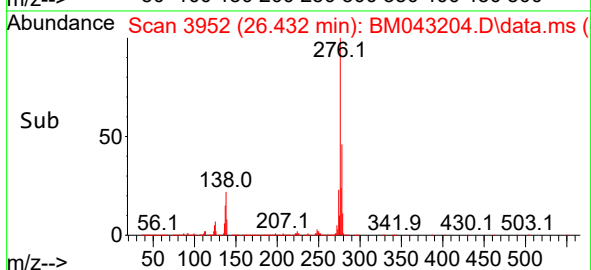
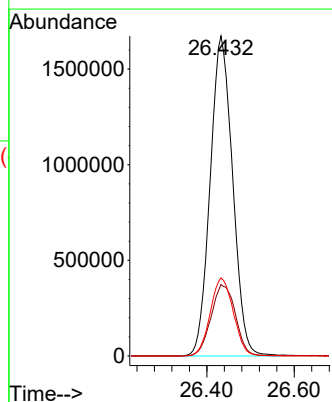
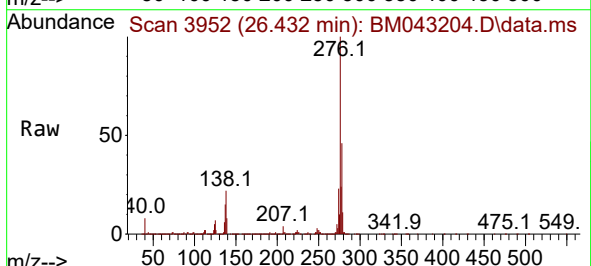
Tgt Ion:276 Resp: 5969716

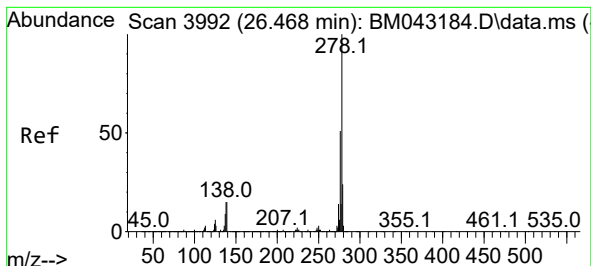
Ion Ratio Lower Upper

276 100

138 22.3 16.9 25.3

277 24.4 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 26.029 ng/ul

RT: 26.456 min Scan# 3992

Delta R.T. -0.012 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SLCS622

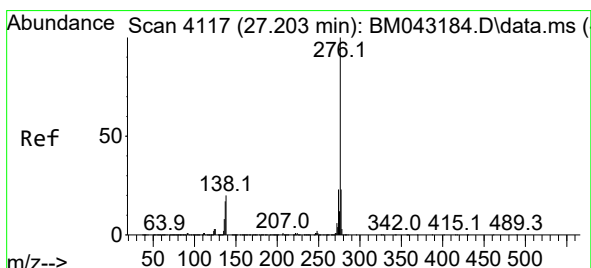
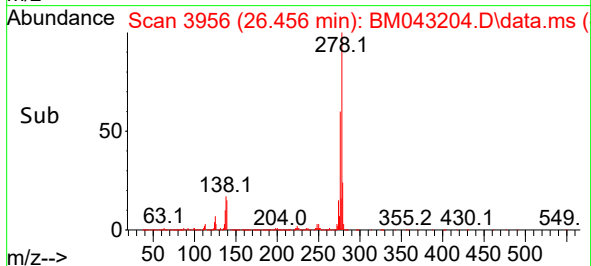
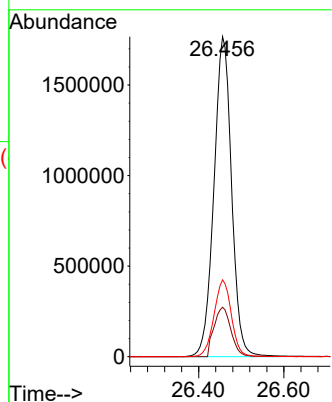
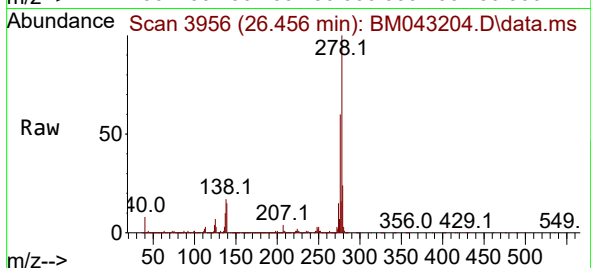
Tgt Ion:278 Resp: 5080844

Ion Ratio Lower Upper

278 100

139 15.4 11.9 17.9

279 24.0 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 25.519 ng/ul

RT: 27.197 min Scan# 4082

Delta R.T. -0.006 min

Lab File: BM043204.D

Acq: 08 Dec 2023 19:45

Tgt Ion:276 Resp: 4488496

Ion Ratio Lower Upper

276 100

138 20.6 16.2 24.2

277 24.0 18.7 28.1

