

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053023\
 Data File : BP015343.D
 Acq On : 30 May 2023 19:56
 Operator : CG/JU
 Sample : PB153101BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS101

Quant Time: May 31 00:46:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 30 15:23:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	190731	20.000	ng/ul	0.00
20) Naphthalene-d8	10.940	136	852305	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	571148	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1317734	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1230646	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1371412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	29454	6.000	ng/uL	0.00
4) Pyridine-d5	3.858	84	402869	28.953	ng/ul	0.00
7) Phenol-d5	7.269	99	558825	31.556	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	335247	32.778	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	435981	33.484	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	478273	33.893	ng/ul	0.00
21) Nitrobenzene-d5	9.293	128	230077	34.353	ng/ul	0.00
24) 2-Nitrophenol-d4	10.016	143	269221	36.127	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	471065	35.031	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	617312	31.027	ng/ul	0.00
46) Dimethylphthalate-d6	14.157	166	1533988	35.543	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	1696197	34.363	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	295405	35.249	ng/ul	0.00
60) Fluorene-d10	15.745	176	1259078	34.573	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	306453	36.902	ng/ul	0.00
73) Anthracene-d10	17.610	188	2020343	33.483	ng/ul	0.00
81) Pyrene-d10	19.833	212	2409961	33.765	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	2377635	34.925	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	57376	10.877	ng/uL#	97
5) Pyridine	3.875	79	384694	26.582	ng/ul	91
6) Benzaldehyde	7.240	77	302773	62.203	ng/ul	100
8) Phenol	7.293	94	558687	30.766	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.528	93	422819	29.103	ng/ul	98
12) 2-Chlorophenol	7.669	128	421739	30.622	ng/ul	97
13) 2-Methylphenol	8.557	108	426450	30.385	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.646	45	543991	29.886	ng/ul	99
16) Acetophenone	8.946	105	697042	31.650	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.928	70	368120	31.871	ng/ul	95
18) 4-Methylphenol	8.893	108	475848	30.804	ng/ul	99
19) Hexachloroethane	9.199	117	173493	30.852	ng/ul	89
22) Nitrobenzene	9.334	77	544695	32.930	ng/ul	98
23) Isophorone	9.863	82	1079389	31.747	ng/ul	99
25) 2-Nitrophenol	10.051	139	263998	32.306	ng/ul#	89
26) 2,4-Dimethylphenol	10.104	107	537794	32.979	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.340	93	610354	29.505	ng/ul	99
29) 2,4-Dichlorophenol	10.587	162	446398	32.865	ng/ul	99
30) Naphthalene	10.993	128	1403382	30.287	ng/ul	99
32) 4-Chloroaniline	11.104	127	530808	25.958	ng/ul	100
33) Hexachlorobutadiene	11.269	225	289473	35.360	ng/ul	98
34) Caprolactam	11.893	113	108751	21.236	ng/ul	88
35) 4-Chloro-3-methylphenol	12.222	107	521248	33.986	ng/ul	98
36) 2-Methylnaphthalene	12.593	142	970171	31.074	ng/ul	100

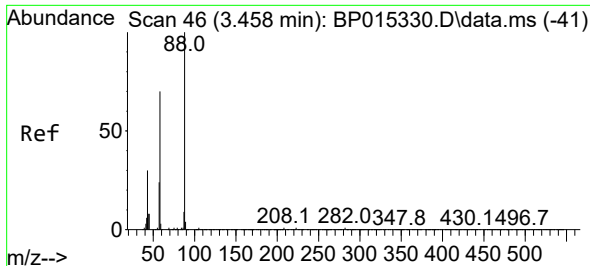
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 30 15:23:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	969633	30.926	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	562285	32.917	ng/ul	98
40) Hexachlorocyclopentadiene	12.928	237	296899	26.826	ng/ul	97
41) 2,4,6-Trichlorophenol	13.192	196	392002	32.499	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	430401	32.910	ng/ul	98
43) 1,1'-Biphenyl	13.592	154	1343204	30.311	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	1074020	31.035	ng/ul	99
45) 2-Nitroaniline	13.845	65	362531	36.612	ng/ul	93
47) Dimethylphthalate	14.204	163	1439103	32.017	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	315257	35.403	ng/ul	99
50) Acenaphthylene	14.481	152	1681377	30.528	ng/ul	99
51) 3-Nitroaniline	14.663	138	310840	38.766	ng/ul	97
52) Acenaphthene	14.822	153	1153715	30.670	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	209885	35.499	ng/ul	91
55) 4-Nitrophenol	14.975	109	252440	40.954	ng/ul#	77
56) Dibenzofuran	15.151	168	1637440	31.296	ng/ul	96
57) 2,4-Dinitrotoluene	15.122	165	458519	35.584	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.381	232	385323	34.910	ng/ul	96
59) Diethylphthalate	15.563	149	1484754	33.120	ng/ul	100
61) Fluorene	15.804	166	1322369	31.450	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.792	204	685437	33.364	ng/ul	98
63) 4-Nitroaniline	15.834	138	330216	47.689	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.892	198	287630	33.560	ng/ul#	97
67) N-Nitrosodiphenylamine	16.004	169	1165408	30.078	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	461573	34.007	ng/ul	98
69) Hexachlorobenzene	16.810	284	548275	34.182	ng/ul	99
70) Atrazine	16.957	200	402875	28.131	ng/ul	99
71) Pentachlorophenol	17.157	266	336790	33.568	ng/ul	99
72) Phenanthrene	17.557	178	2208969	30.785	ng/ul	99
74) Anthracene	17.645	178	2211658	30.480	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.557	216	582582	31.182	ng/ul	99
76) Pentachlorobenzene	15.075	250	591538	31.532	ng/ul	98
77) Carbazole	17.910	167	2040731	32.074	ng/ul	100
78) Di-n-butylphthalate	18.439	149	2590357	31.614	ng/ul	99
80) Fluoranthene	19.504	202	2687984	30.898	ng/ul	96
82) Pyrene	19.863	202	2730145	30.390	ng/ul	94
83) Butylbenzylphthalate	20.710	149	1243123	31.213	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	1002833	37.104	ng/ul#	97
85) Benzo(a)anthracene	21.574	228	2699842	31.728	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1786298	31.154	ng/ul	100
87) Chrysene	21.633	228	2555137	31.412	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	3071924	32.706	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	2773662	31.903	ng/ul#	98
91) Benzo(k)fluoranthene	23.415	252	2665933	31.934	ng/ul#	97
93) Benzo(a)pyrene	24.039	252	2353445	30.625	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.862	276	2763946	27.778	ng/ul	94
95) Dibenzo(a,h)anthracene	26.880	278	2309676	28.277	ng/ul	97
96) Benzo(g,h,i)perylene	27.698	276	2200601	27.122	ng/ul	96

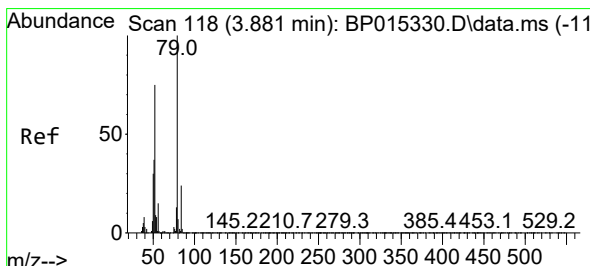
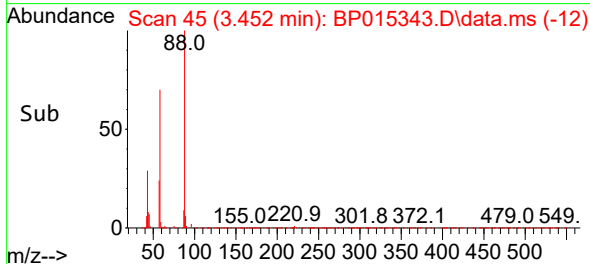
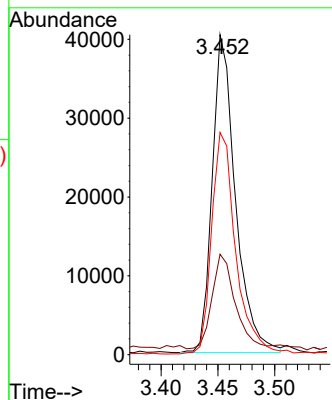
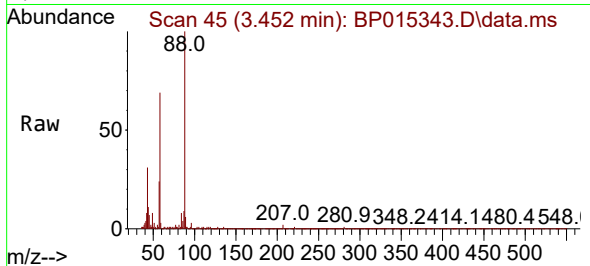
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#2
1,4-Dioxane
Concen: 10.877 ng/uL
RT: 3.452 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP015343.D
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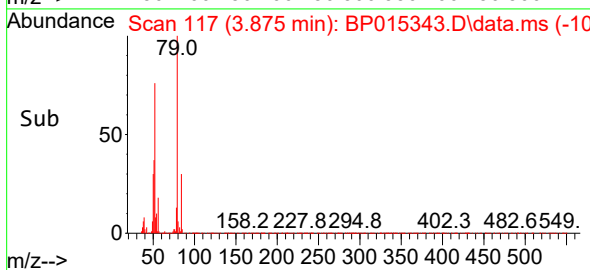
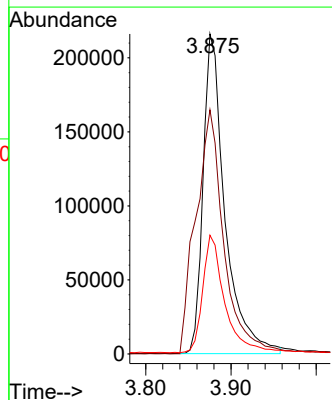
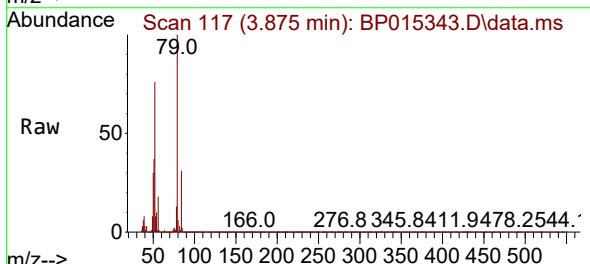
Instrument :
BNA_P
ClientSampleId :
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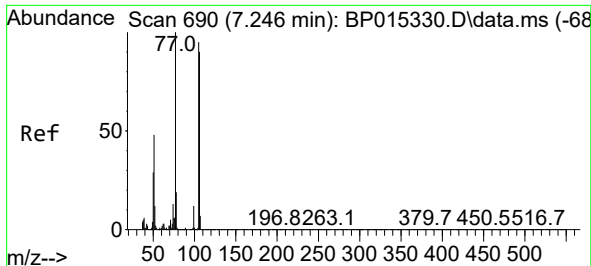
Tgt Ion: 88 Resp: 57376
Ion Ratio Lower Upper
88 100
43 31.4 20.4 30.6#
58 69.4 55.4 83.2



#5
Pyridine
Concen: 26.582 ng/uL
RT: 3.875 min Scan# 117
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion: 79 Resp: 384694
Ion Ratio Lower Upper
79 100
52 76.3 55.4 83.2
51 37.1 25.4 38.2

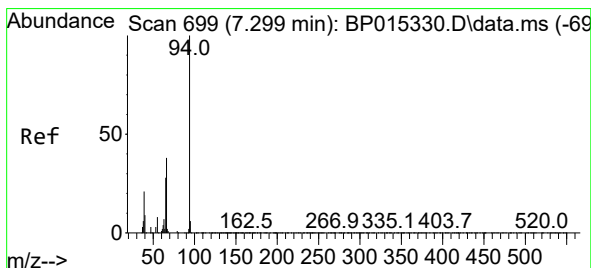
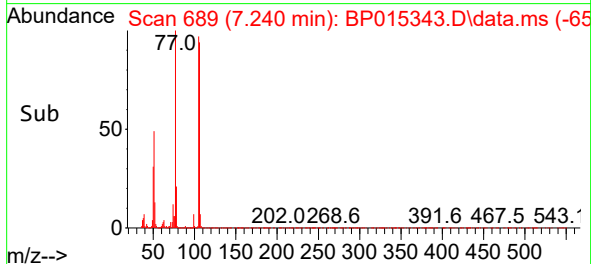
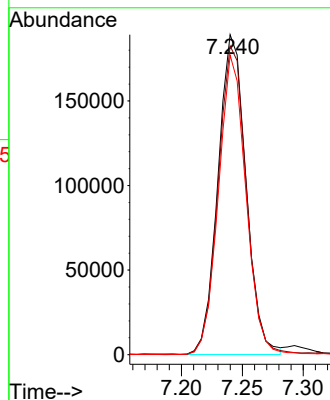
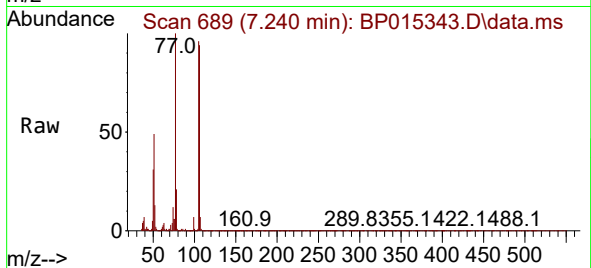




#6
Benzaldehyde
Concen: 62.203 ng/ul
RT: 7.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

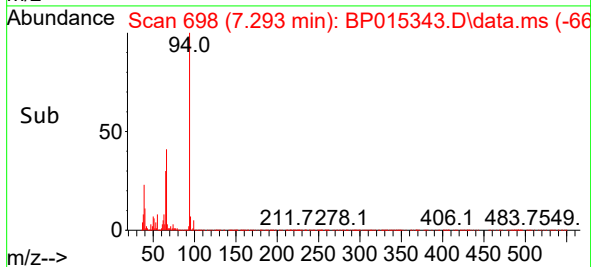
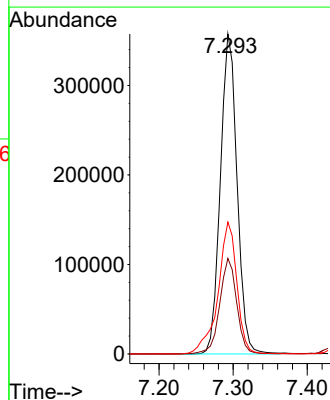
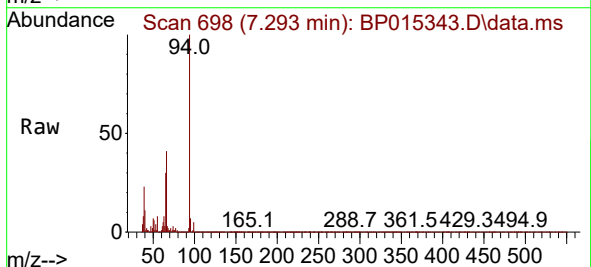
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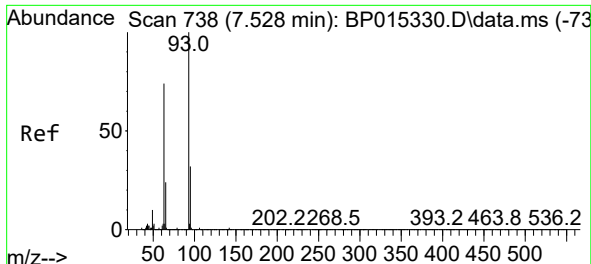
Tgt Ion: 77 Resp: 302773
Ion Ratio Lower Upper
77 100
105 96.5 76.9 115.3
106 93.6 75.0 112.6



#8
Phenol
Concen: 30.766 ng/ul
RT: 7.293 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion: 94 Resp: 558687
Ion Ratio Lower Upper
94 100
65 29.9 20.6 31.0
66 41.2 26.1 39.1#





#10

Bis(2-Chloroethyl)ether

Concen: 29.103 ng/ul

RT: 7.528 min Scan# 71

Delta R.T. -0.000 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

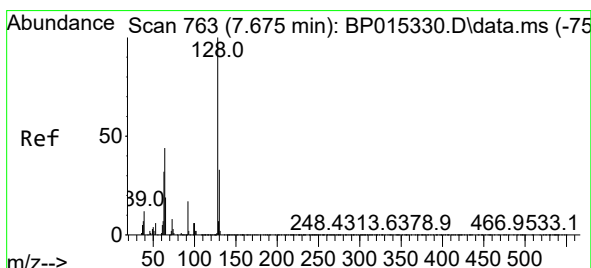
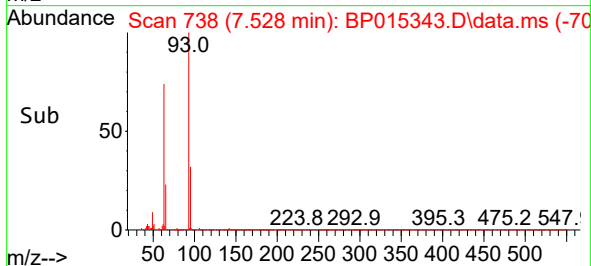
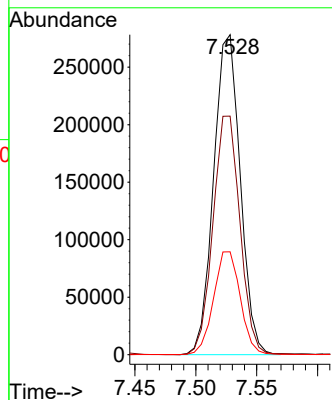
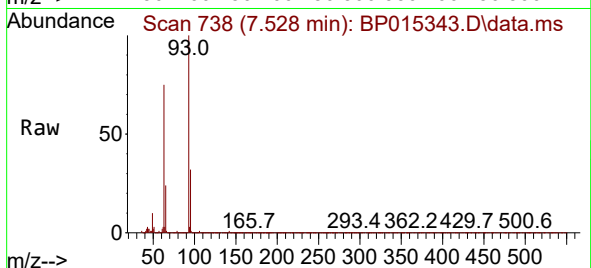
Tgt Ion: 93 Resp: 422819

Ion Ratio Lower Upper

93 100

63 74.6 58.0 87.0

95 32.2 26.4 39.6



#12

2-Chlorophenol

Concen: 30.622 ng/ul

RT: 7.669 min Scan# 762

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

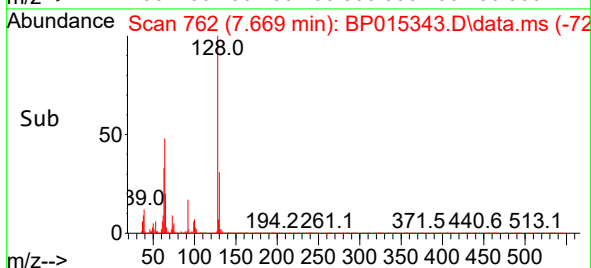
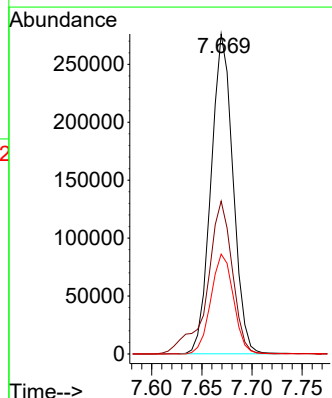
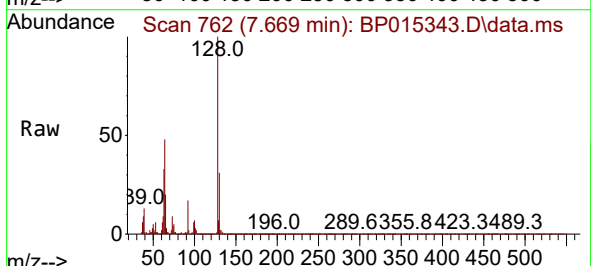
Tgt Ion:128 Resp: 421739

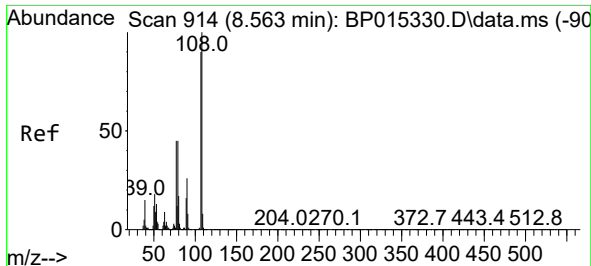
Ion Ratio Lower Upper

128 100

64 47.7 36.2 54.2

130 31.2 26.3 39.5





#13

2-Methylphenol

Concen: 30.385 ng/ul

RT: 8.557 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

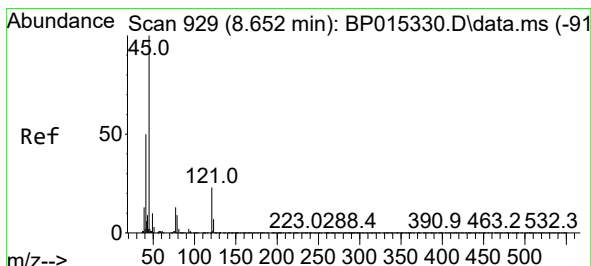
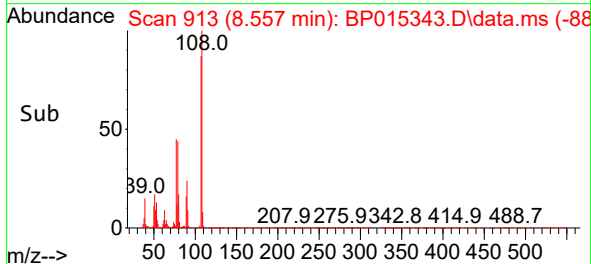
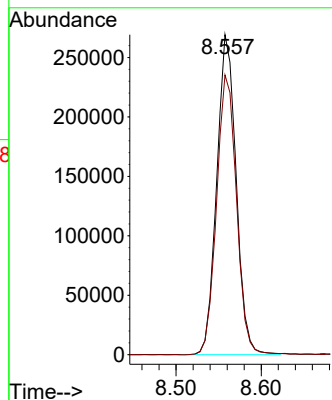
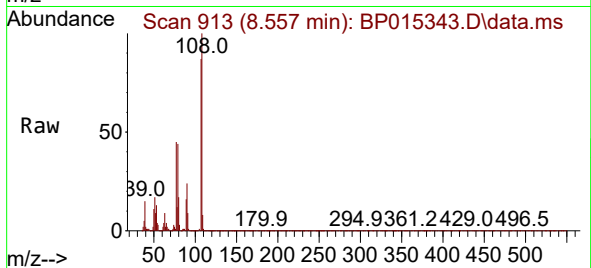
SLCS101

Tgt Ion:108 Resp: 426450

Ion Ratio Lower Upper

108 100

107 87.4 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.886 ng/ul

RT: 8.646 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

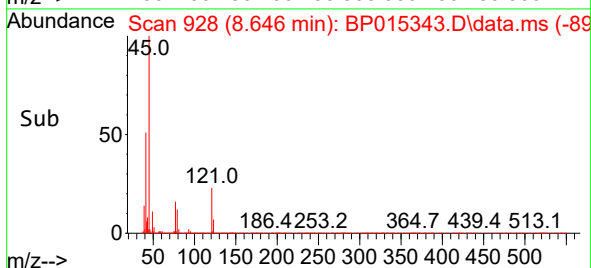
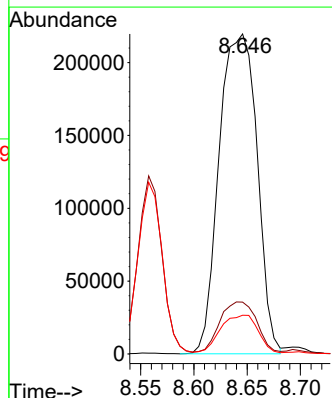
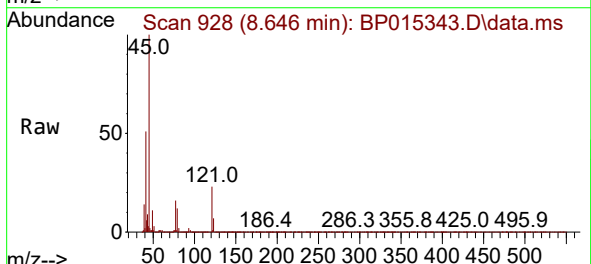
Tgt Ion: 45 Resp: 543991

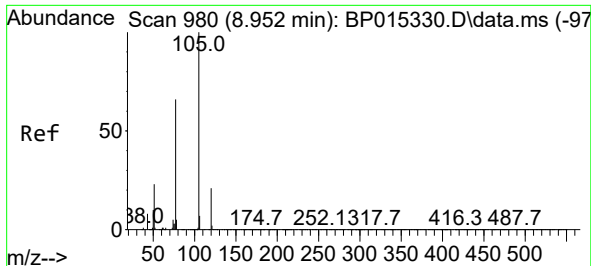
Ion Ratio Lower Upper

45 100

77 16.2 12.8 19.2

79 12.1 9.5 14.3

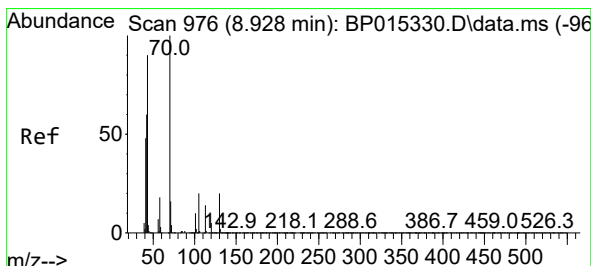
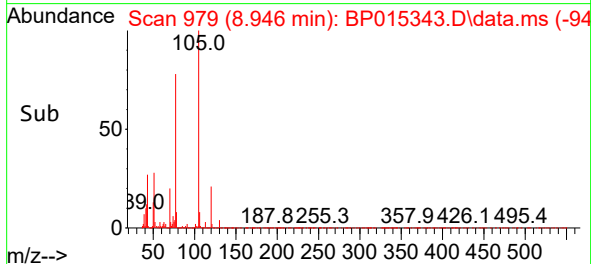
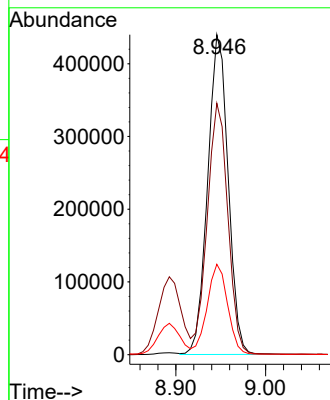
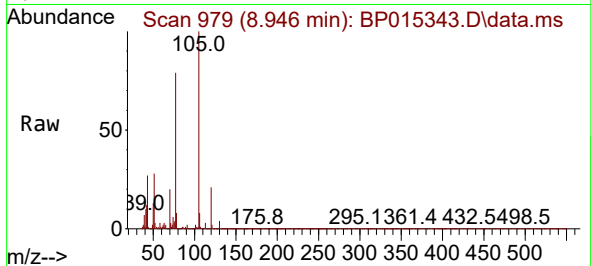




#16
Acetophenone
Concen: 31.650 ng/ul
RT: 8.946 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

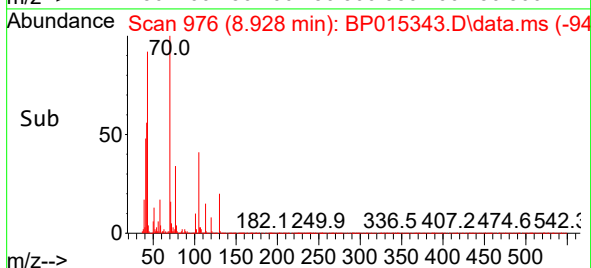
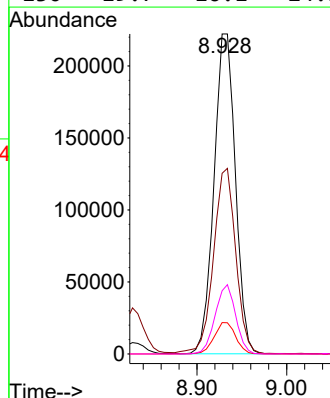
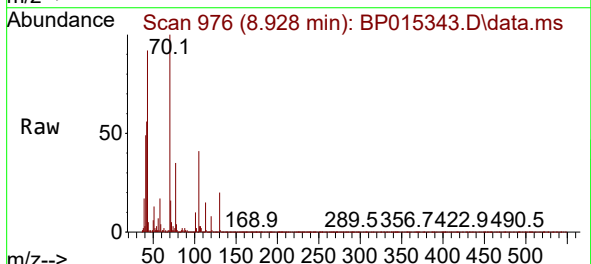
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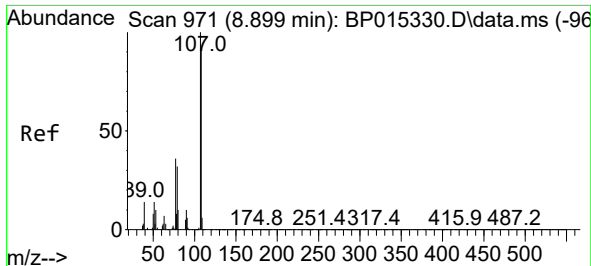
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Ion Ratio Lower Upper
105 100
77 78.5 59.4 89.2
51 28.3 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 31.871 ng/ul
RT: 8.928 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion: 70 Resp: 368120
Ion Ratio Lower Upper
70 100
42 56.4 41.0 61.6
101 9.8 7.9 11.9
130 19.7 16.1 24.1

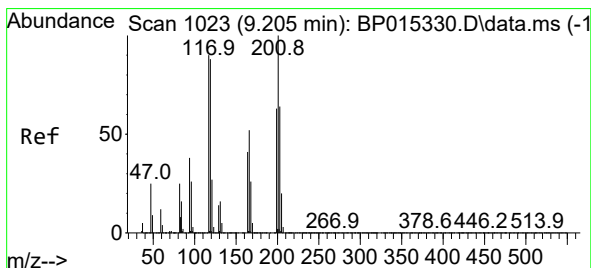
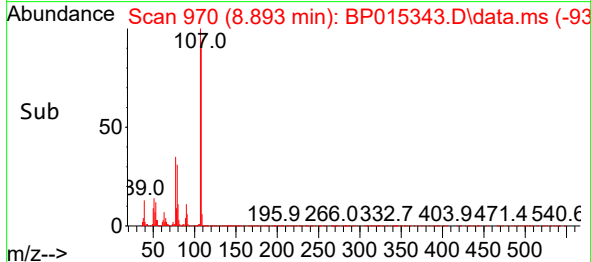
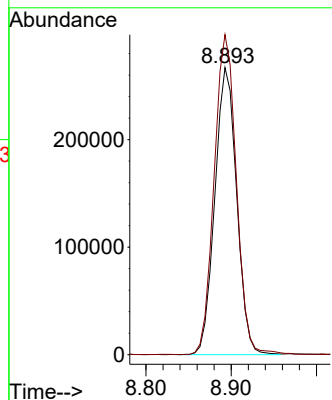
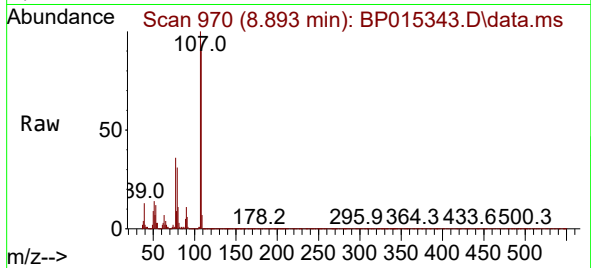




#18
4-Methylphenol
Concen: 30.804 ng/ul
RT: 8.893 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

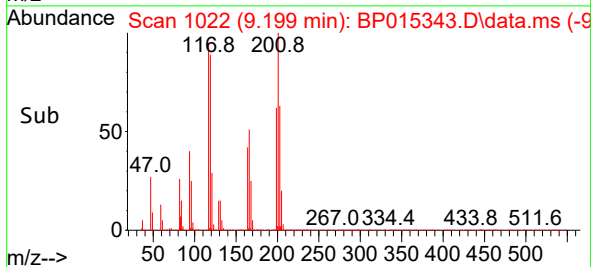
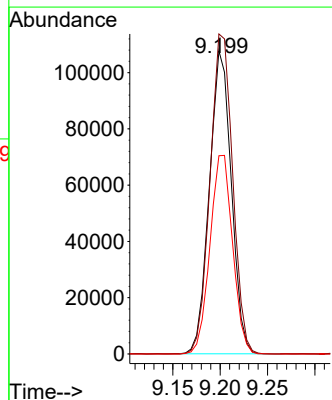
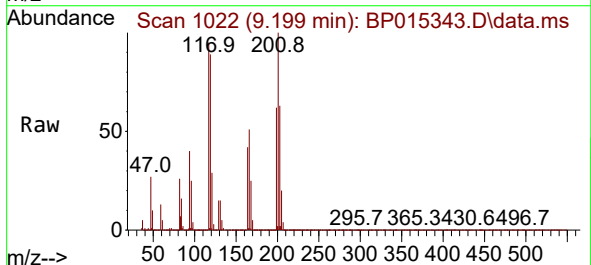
Instrument :
BNA_P
ClientSampleId :
SLCS101

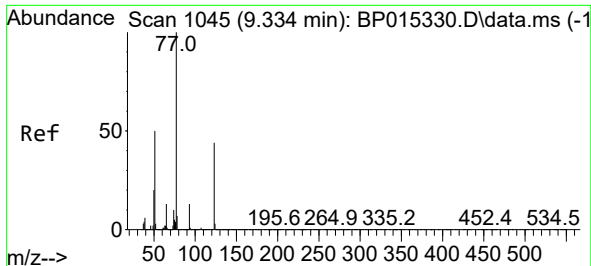
Tgt Ion:108 Resp: 475848
Ion Ratio Lower Upper
108 100
107 111.5 88.5 132.7



#19
Hexachloroethane
Concen: 30.852 ng/ul
RT: 9.199 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:117 Resp: 173493
Ion Ratio Lower Upper
117 100
201 105.5 75.8 113.8
199 65.4 46.5 69.7

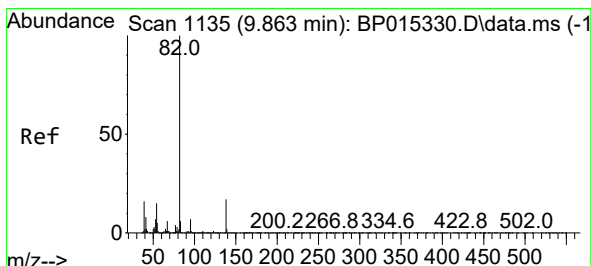
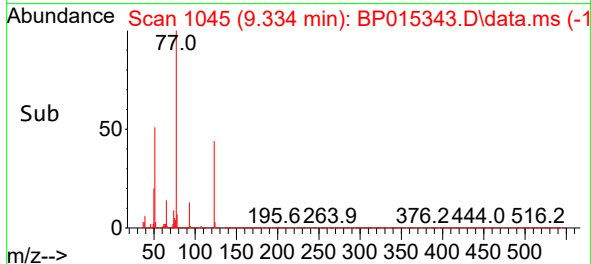
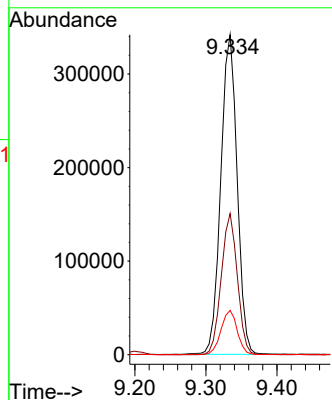
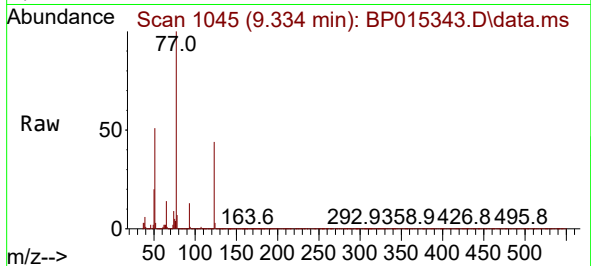




#22
Nitrobenzene
Concen: 32.930 ng/ul
RT: 9.334 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

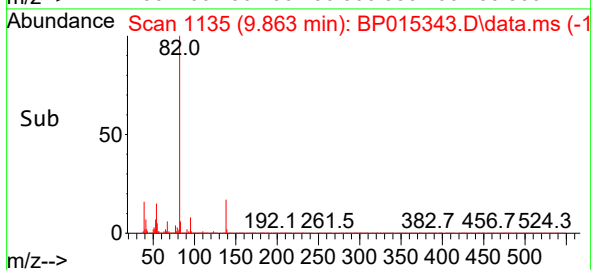
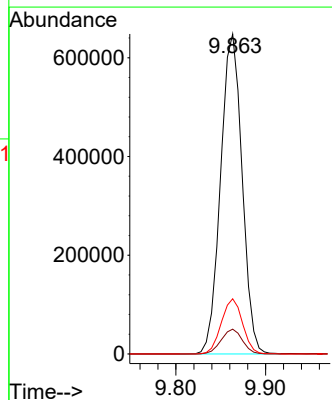
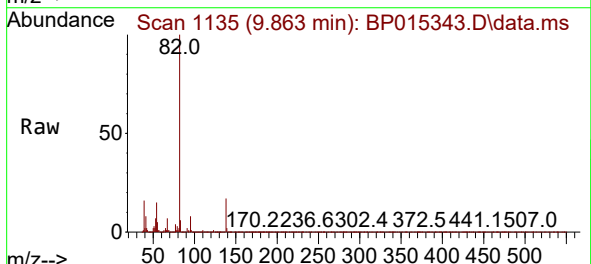
Instrument :
BNA_P
ClientSampleId :
SLCS101

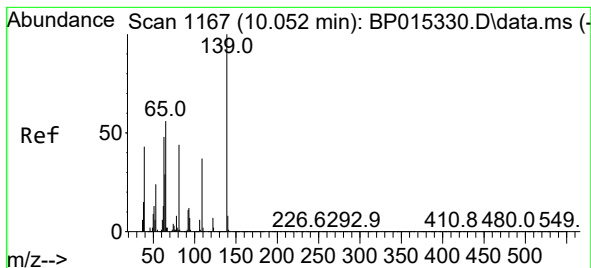
Tgt Ion: 77 Resp: 544695
Ion Ratio Lower Upper
77 100
123 44.1 36.2 54.2
65 13.8 10.1 15.1



#23
Isophorone
Concen: 31.747 ng/ul
RT: 9.863 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion: 82 Resp: 1079389
Ion Ratio Lower Upper
82 100
95 7.8 5.4 8.0
138 17.3 13.6 20.4

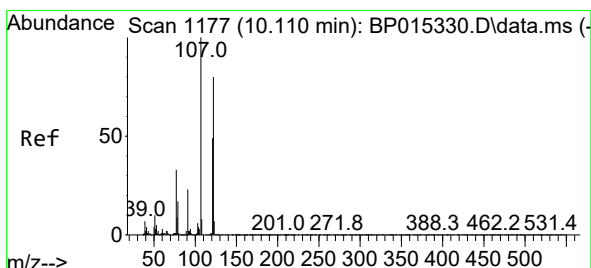
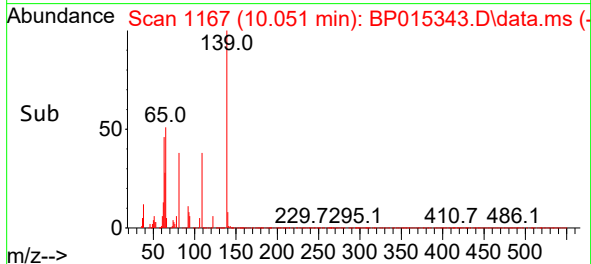
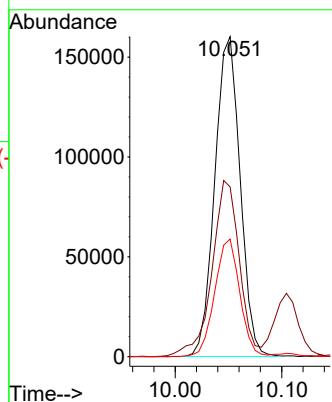
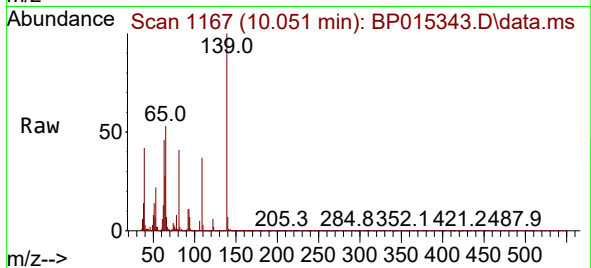




#25
2-Nitrophenol
Concen: 32.306 ng/ul
RT: 10.051 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

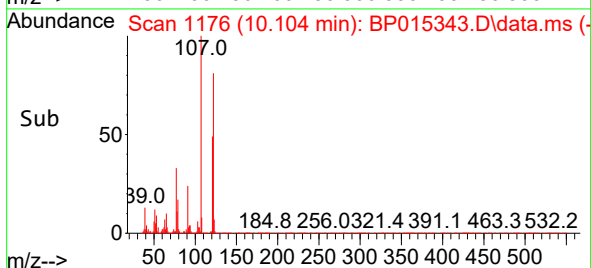
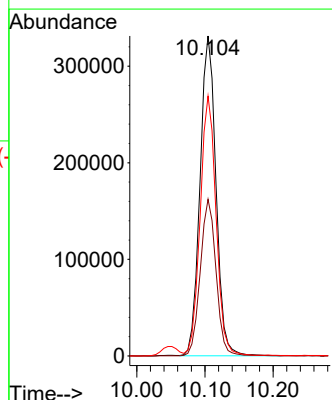
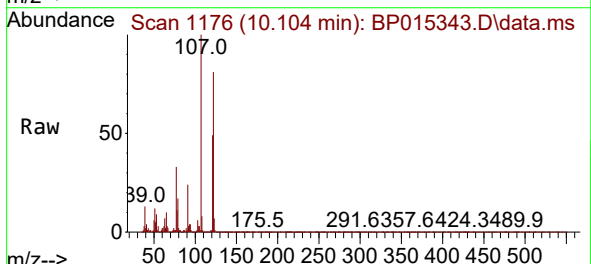
Instrument :
BNA_P
ClientSampleId :
SLCS101

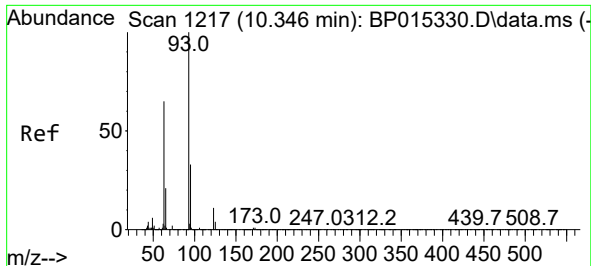
Tgt Ion:139 Resp: 263998
Ion Ratio Lower Upper
139 100
65 53.0 38.4 57.6
109 36.8 22.2 33.2#



#26
2,4-Dimethylphenol
Concen: 32.979 ng/ul
RT: 10.104 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:107 Resp: 537794
Ion Ratio Lower Upper
107 100
121 48.9 41.0 61.6
122 81.2 69.5 104.3

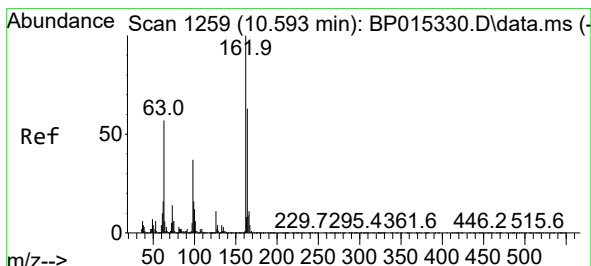
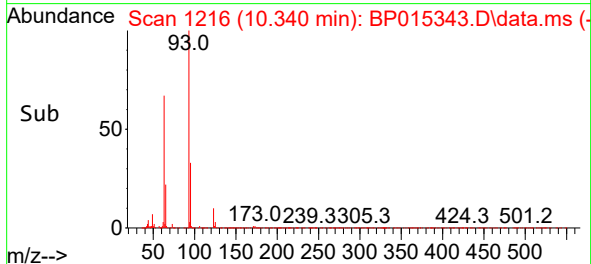
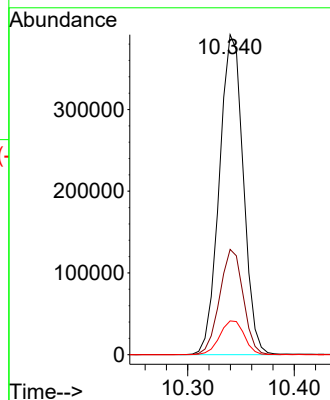
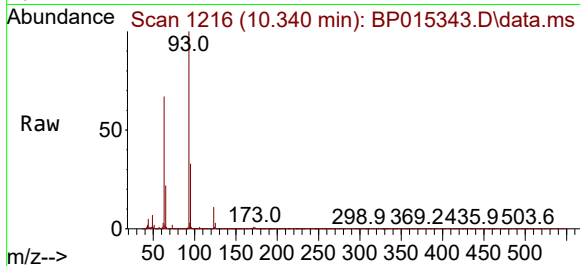




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.505 ng/ul
 RT: 10.340 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BP015343.D
 Acq: 30 May 2023 19:56

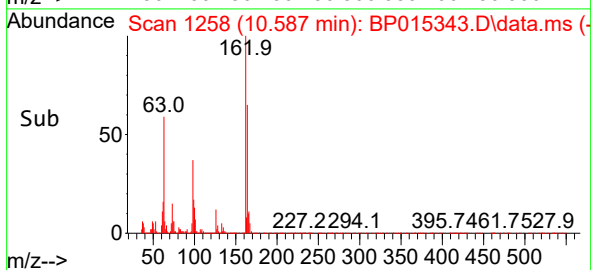
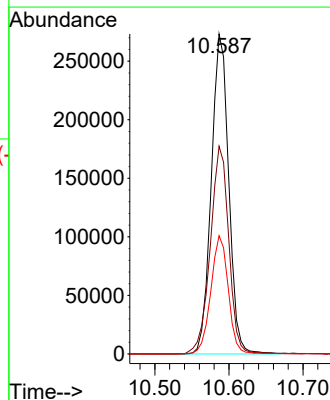
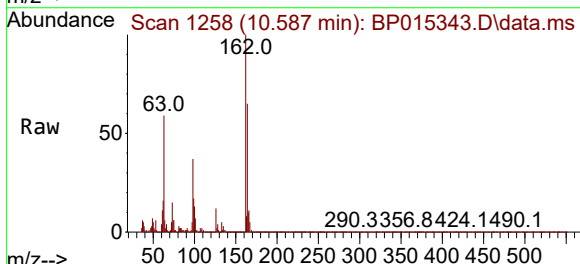
Instrument :
 BNA_P
 ClientSampleId :
 SLCS101

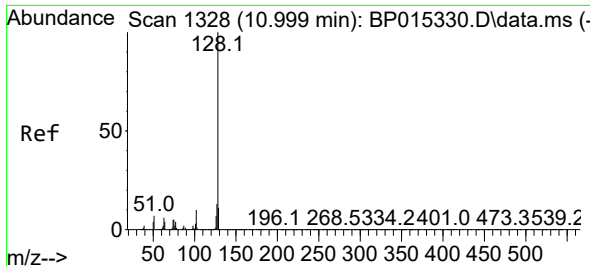
Tgt Ion: 93 Resp: 610354
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.7 40.1
 123 10.6 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 32.865 ng/ul
 RT: 10.587 min Scan# 1258
 Delta R.T. -0.006 min
 Lab File: BP015343.D
 Acq: 30 May 2023 19:56

Tgt Ion: 162 Resp: 446398
 Ion Ratio Lower Upper
 162 100
 164 64.9 52.0 78.0
 98 37.0 28.9 43.3

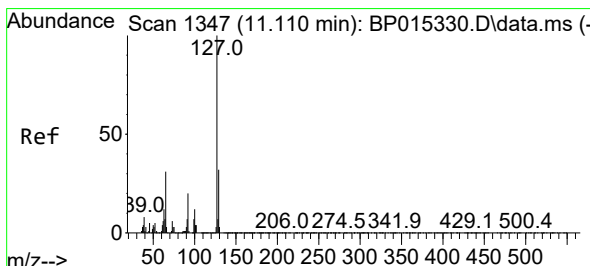
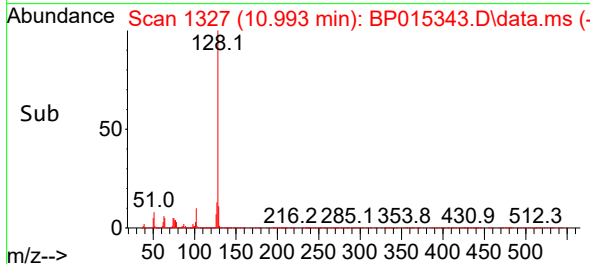
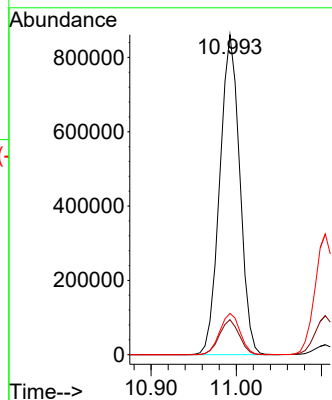
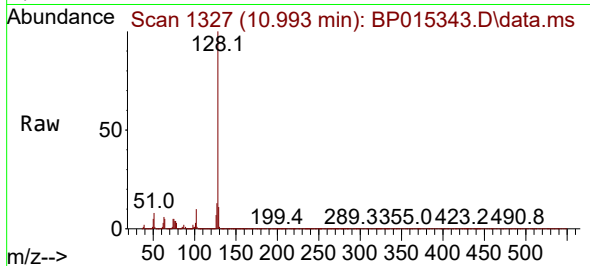




#30
Naphthalene
Concen: 30.287 ng/ul
RT: 10.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

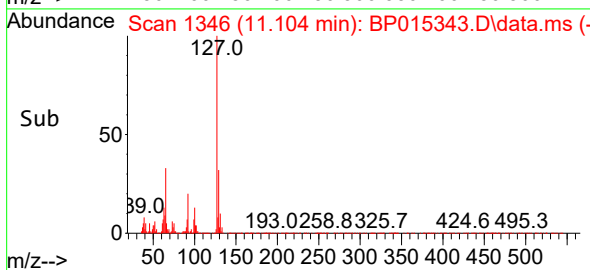
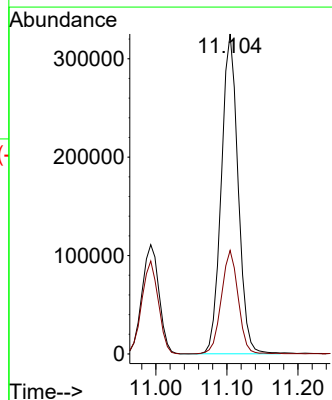
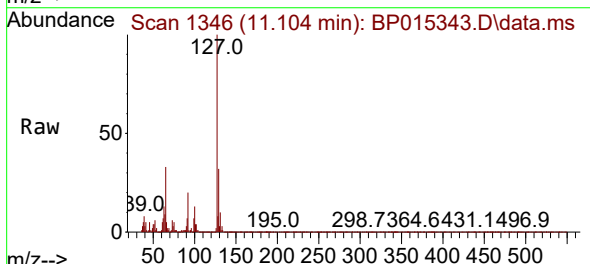
Instrument :
BNA_P
ClientSampleId :
SLCS101

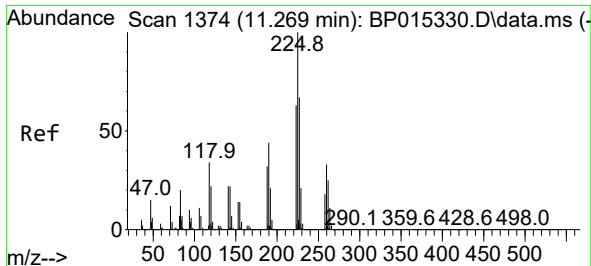
Tgt Ion:128 Resp: 1403382
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.6 15.8



#32
4-Chloroaniline
Concen: 25.958 ng/ul
RT: 11.104 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:127 Resp: 530808
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8

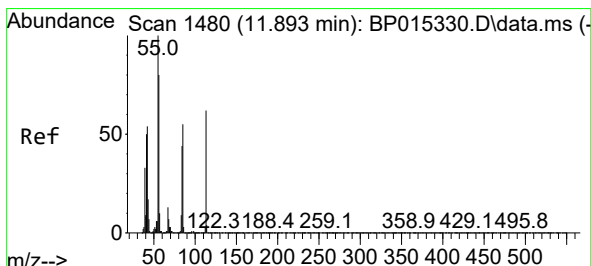
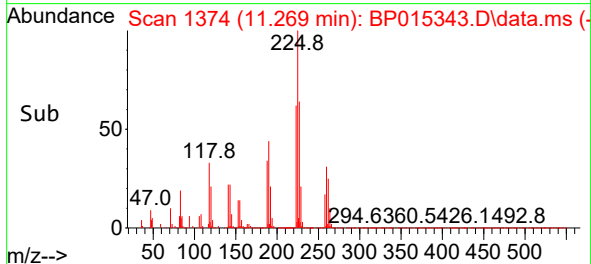
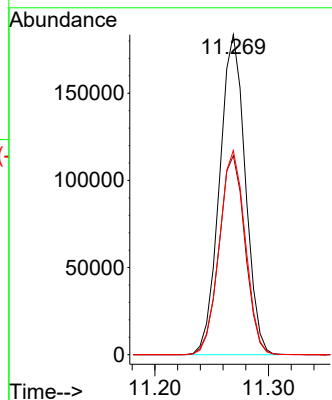
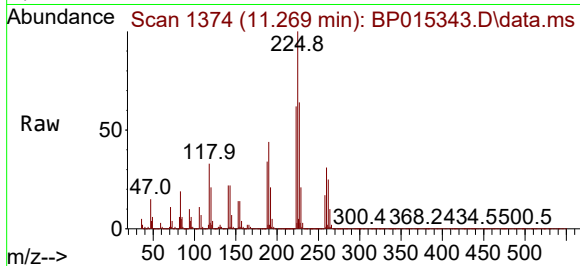




#33
Hexachlorobutadiene
Concen: 35.360 ng/ul
RT: 11.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

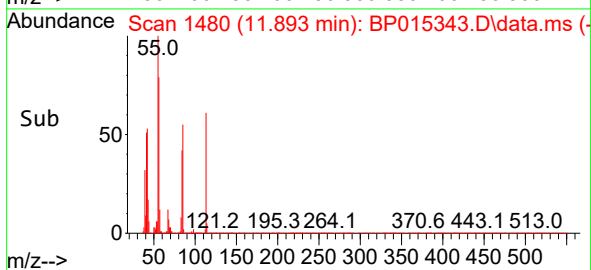
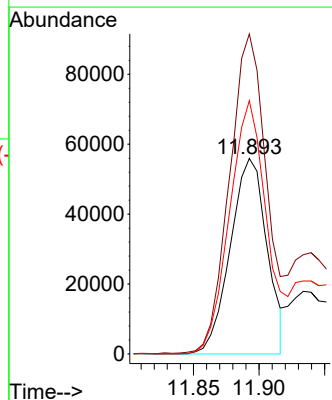
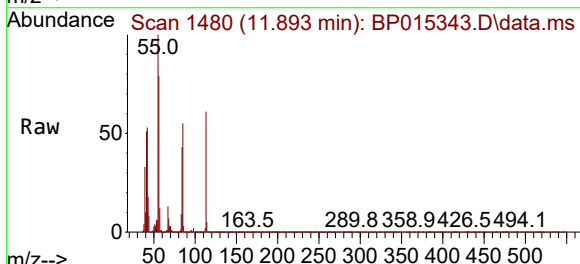
Instrument :
BNA_P
ClientSampleId :
SLCS101

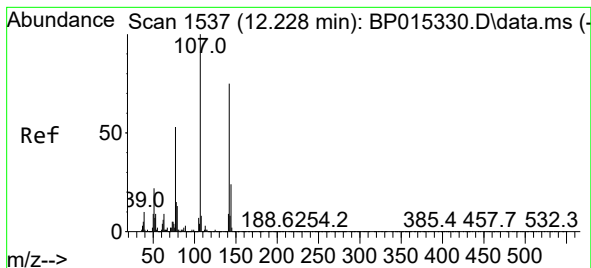
Tgt Ion:225 Resp: 289473
Ion Ratio Lower Upper
225 100
223 62.2 51.0 76.6
227 63.8 52.2 78.4



#34
Caprolactam
Concen: 21.236 ng/ul
RT: 11.893 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:113 Resp: 108751
Ion Ratio Lower Upper
113 100
55 163.7 121.2 181.8
56 129.6 90.2 135.4

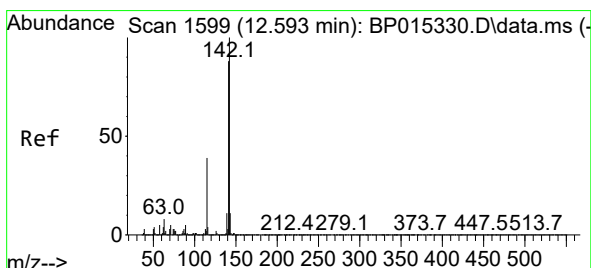
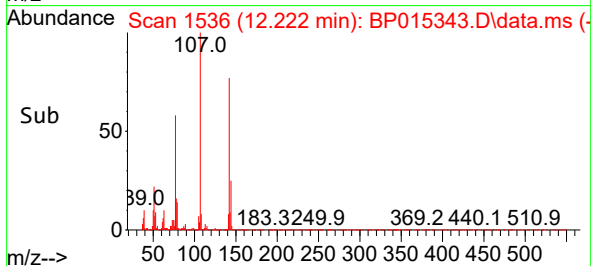
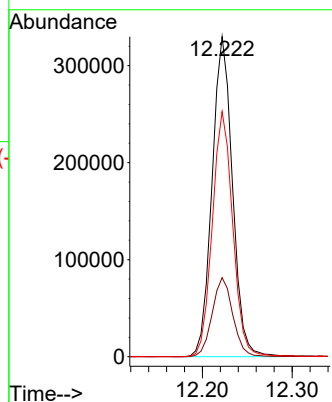
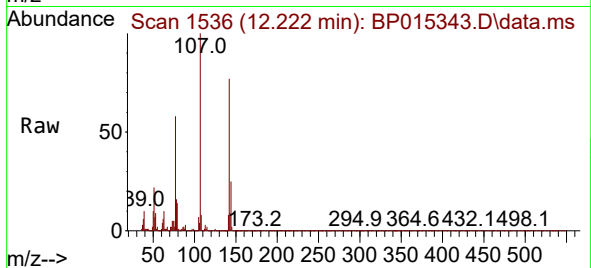




#35
4-Chloro-3-methylphenol
Concen: 33.986 ng/ul
RT: 12.222 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

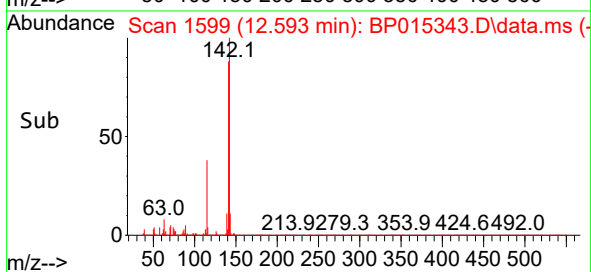
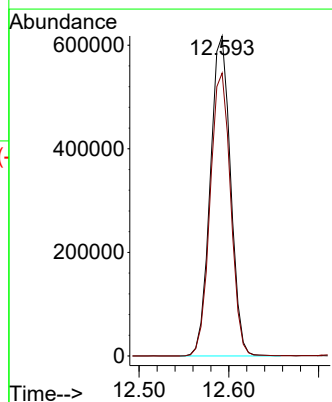
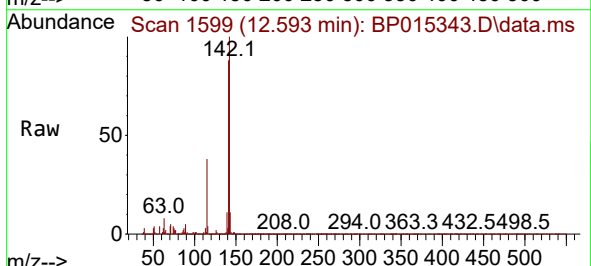
Instrument :
BNA_P
ClientSampleId :
SLCS101

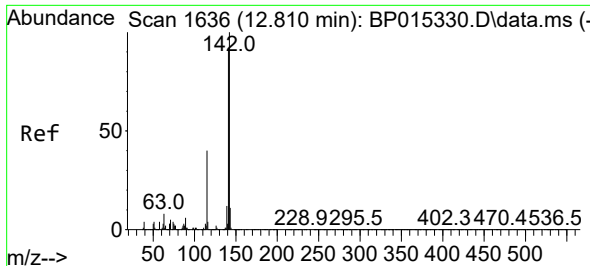
Tgt Ion:107 Resp: 521248
Ion Ratio Lower Upper
107 100
144 24.7 20.3 30.5
142 76.6 63.2 94.8



#36
2-Methylnaphthalene
Concen: 31.074 ng/ul
RT: 12.593 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:142 Resp: 970171
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6

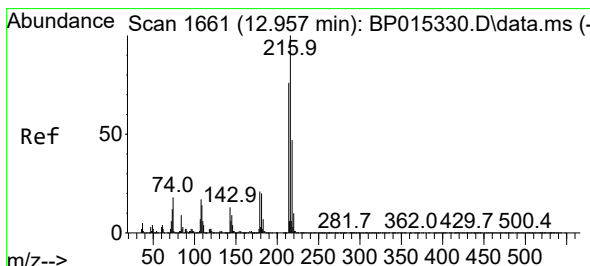
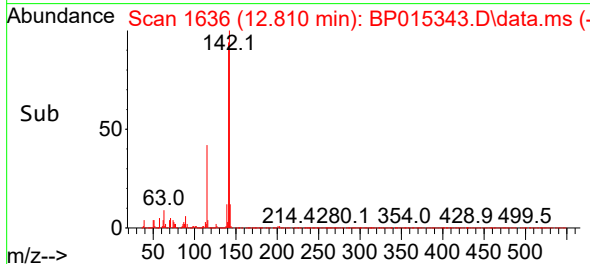
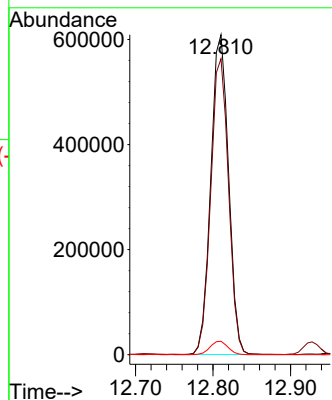
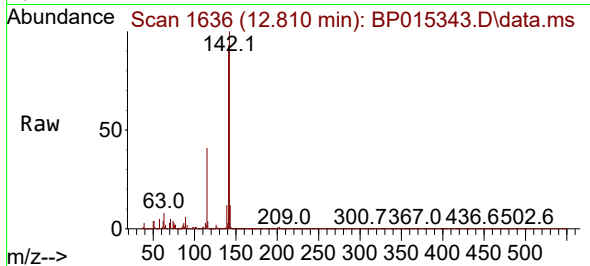




#37
1-Methylnaphthalene
Concen: 30.926 ng/ul
RT: 12.810 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

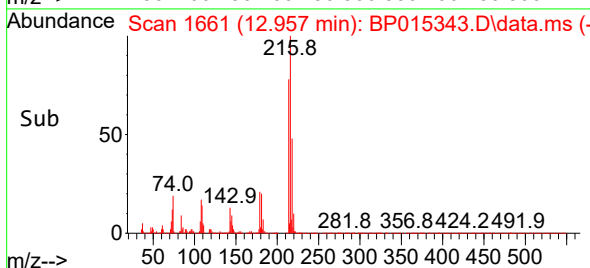
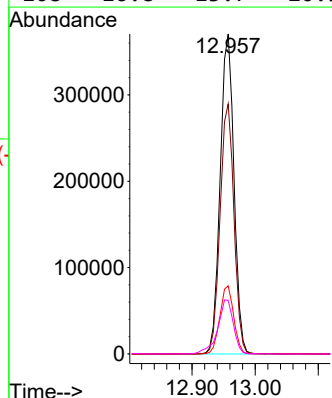
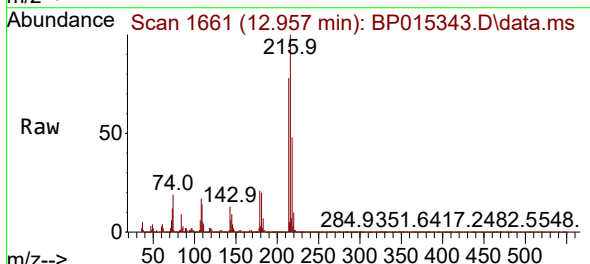
Instrument :
BNA_P
ClientSampleId :
SLCS101

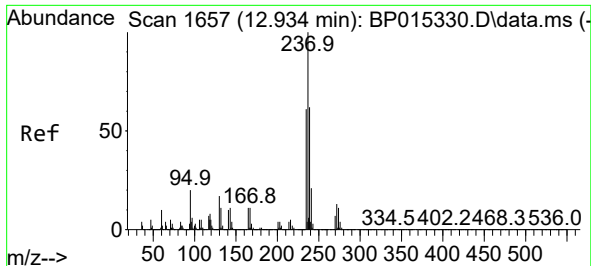
Tgt Ion:142 Resp: 969633
Ion Ratio Lower Upper
142 100
141 92.5 74.6 112.0
116 4.2 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.917 ng/ul
RT: 12.957 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:216 Resp: 562285
Ion Ratio Lower Upper
216 100
214 78.1 61.4 92.0
179 21.3 15.9 23.9
108 16.8 13.7 20.5

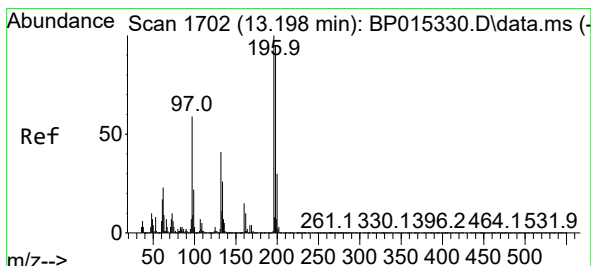
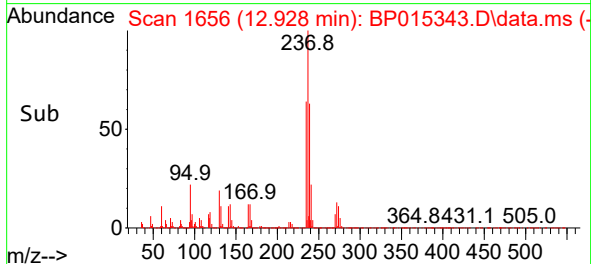
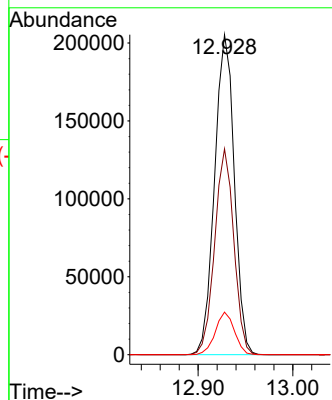
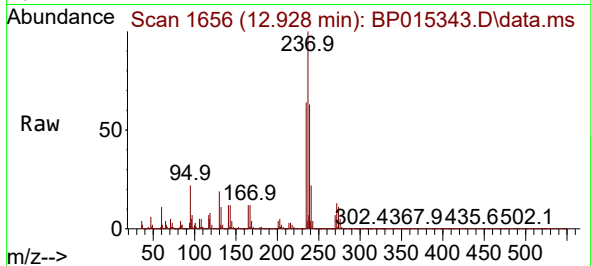




#40
Hexachlorocyclopentadiene
Concen: 26.826 ng/ul
RT: 12.928 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

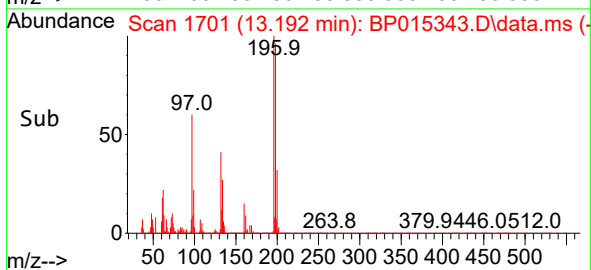
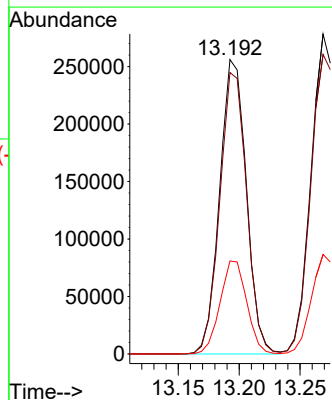
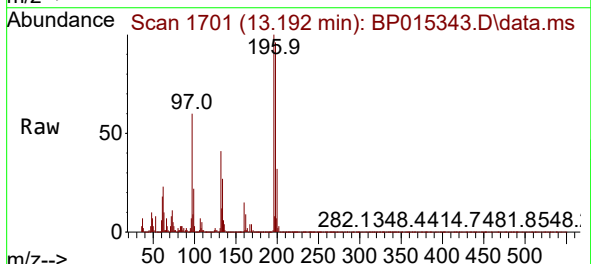
Instrument :
BNA_P
ClientSampleId :
SLCS101

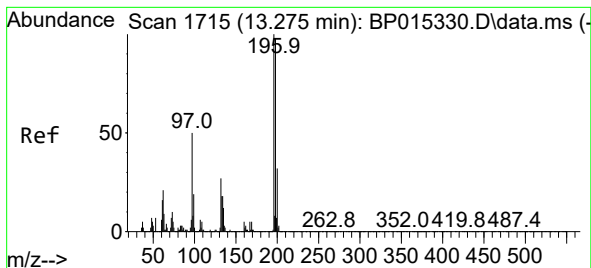
Tgt Ion:237 Resp: 296899
Ion Ratio Lower Upper
237 100
235 64.3 49.4 74.0
272 13.3 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 32.499 ng/ul
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:196 Resp: 392002
Ion Ratio Lower Upper
196 100
198 95.6 75.5 113.3
200 31.6 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 32.910 ng/ul

RT: 13.269 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

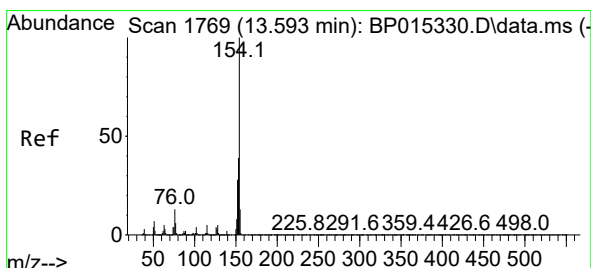
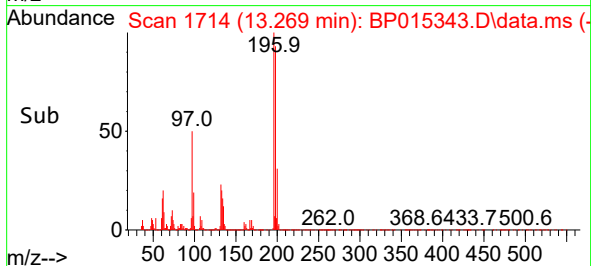
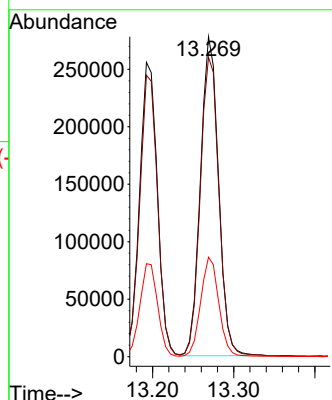
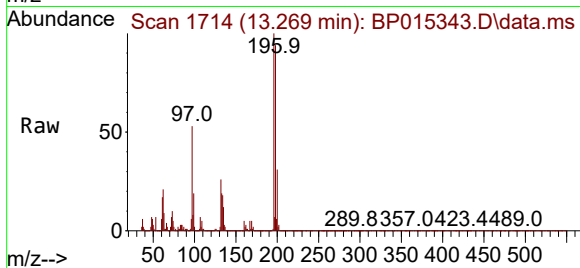
Tgt Ion:196 Resp: 430401

Ion Ratio Lower Upper

196 100

198 93.6 77.0 115.4

200 31.1 24.3 36.5



#43

1,1'-Biphenyl

Concen: 30.311 ng/ul

RT: 13.592 min Scan# 1769

Delta R.T. -0.000 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

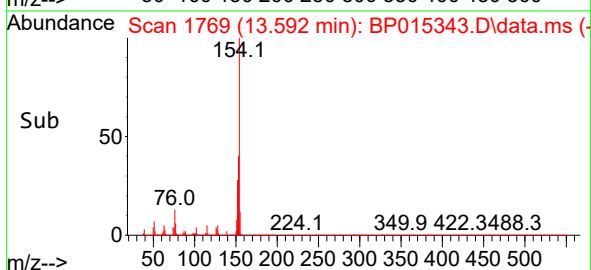
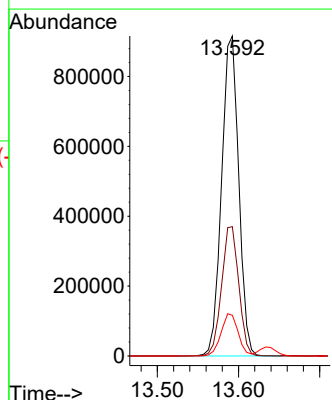
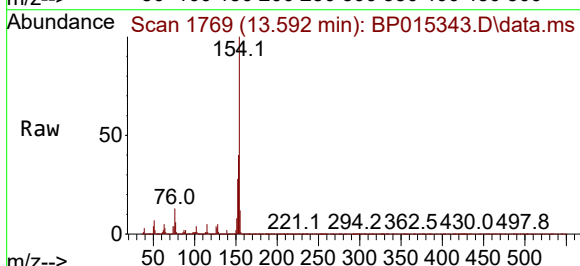
Tgt Ion:154 Resp: 1343204

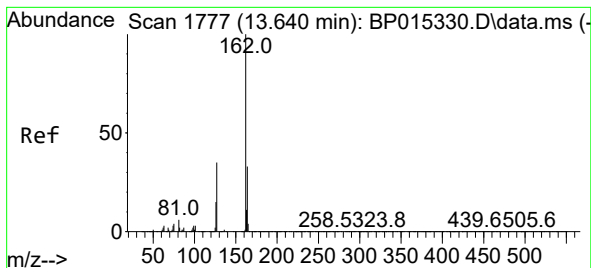
Ion Ratio Lower Upper

154 100

153 40.4 32.7 49.1

76 12.7 10.7 16.1





#44

2-Chloronaphthalene

Concen: 31.035 ng/ul

RT: 13.640 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

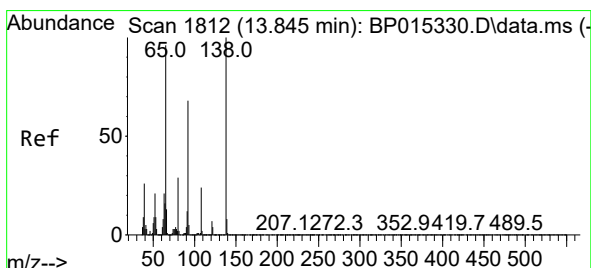
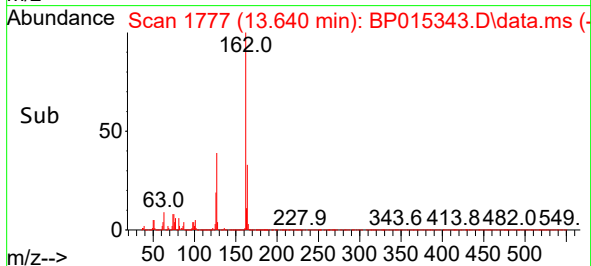
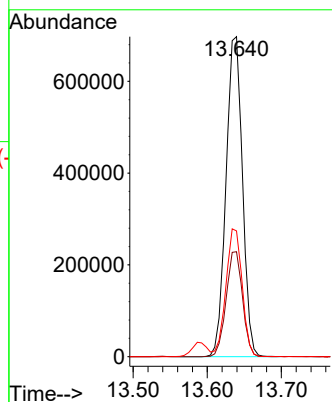
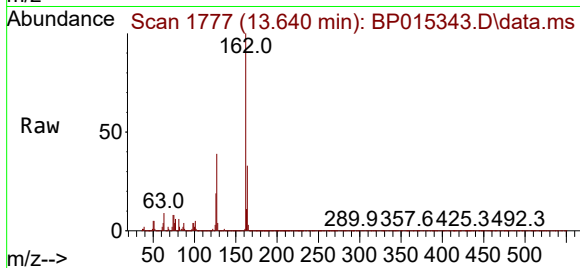
Tgt Ion:162 Resp: 1074020

Ion Ratio Lower Upper

162 100

164 32.8 25.9 38.9

127 39.3 30.8 46.2



#45

2-Nitroaniline

Concen: 36.612 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

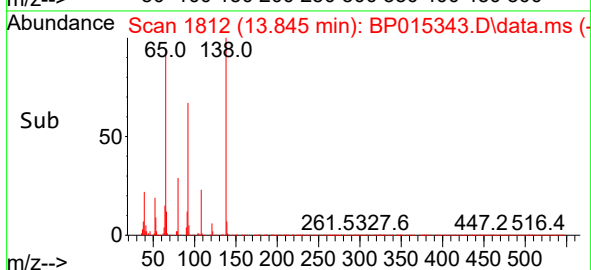
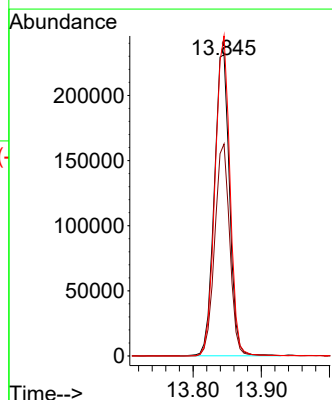
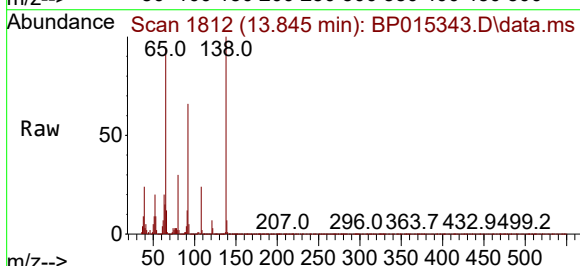
Tgt Ion: 65 Resp: 362531

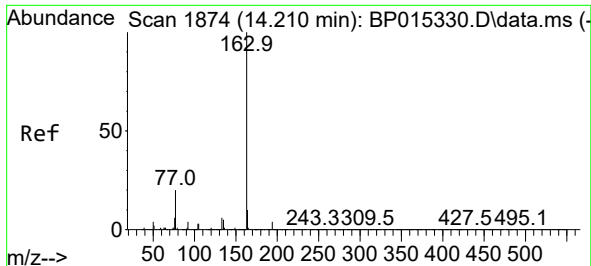
Ion Ratio Lower Upper

65 100

92 70.4 59.8 89.8

138 106.2 92.3 138.5

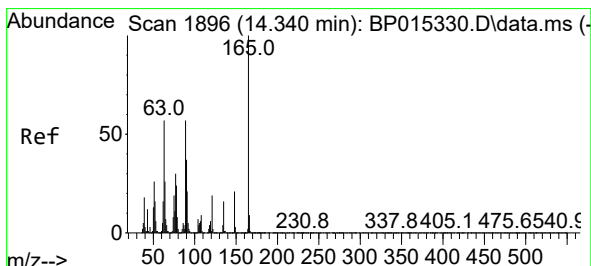
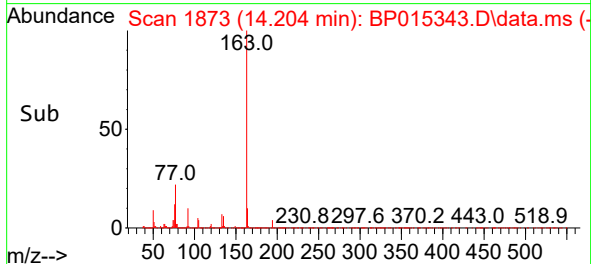
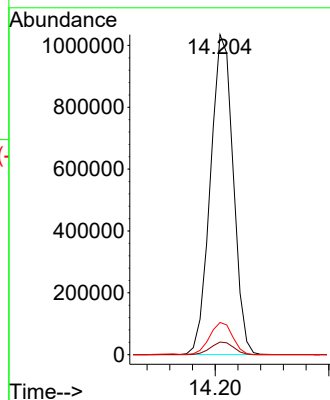
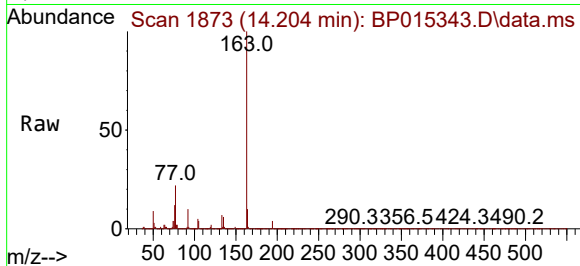




#47
Dimethylphthalate
Concen: 32.017 ng/ul
RT: 14.204 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

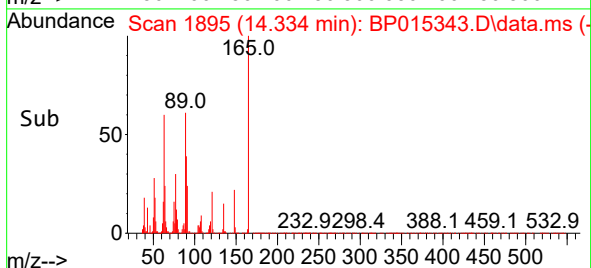
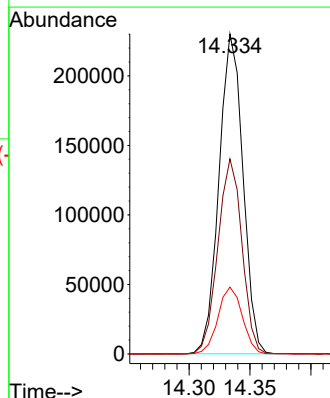
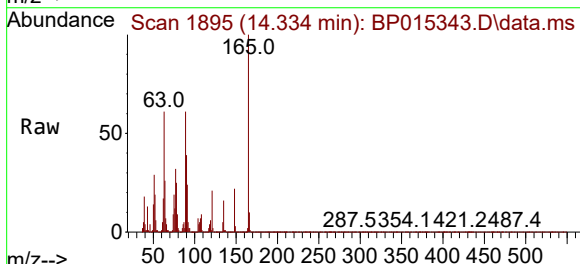
Instrument :
BNA_P
ClientSampleId :
SLCS101

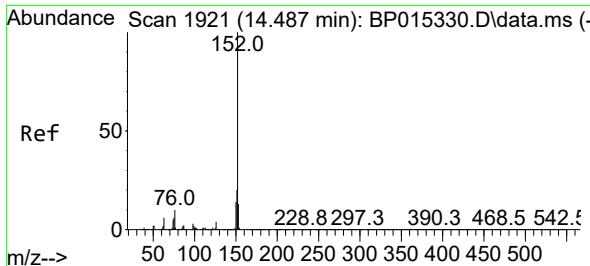
Tgt Ion:163 Resp: 1439103
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 35.403 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:165 Resp: 315257
Ion Ratio Lower Upper
165 100
89 61.0 48.0 72.0
121 20.9 17.5 26.3

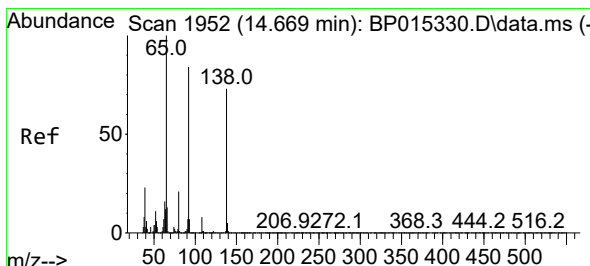
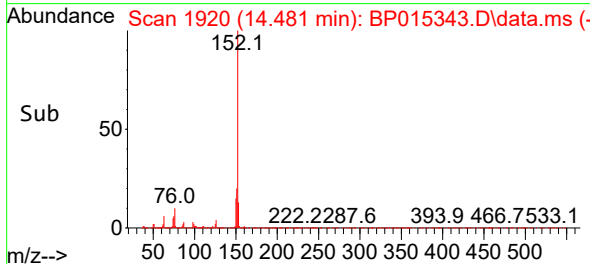
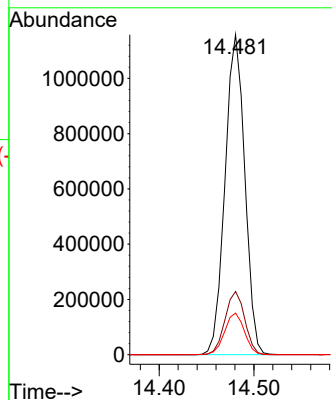
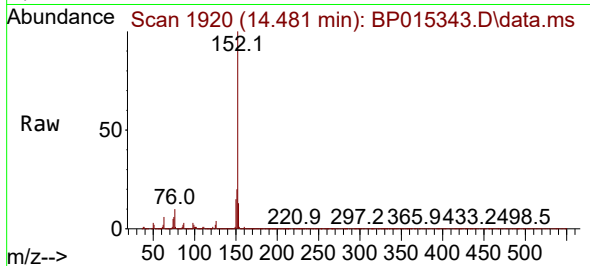




#50
Acenaphthylene
Concen: 30.528 ng/ul
RT: 14.481 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

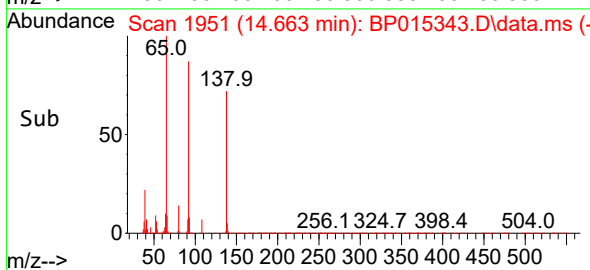
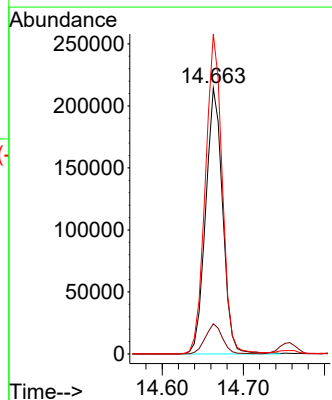
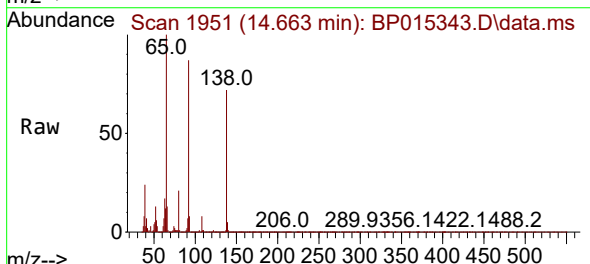
Instrument :
BNA_P
ClientSampleId :
SLCS101

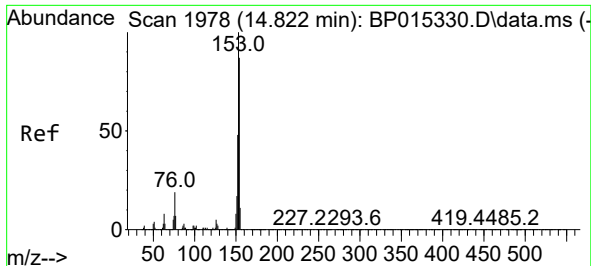
Tgt Ion:152 Resp: 1681377
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 38.766 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:138 Resp: 310840
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 120.4 93.4 140.0

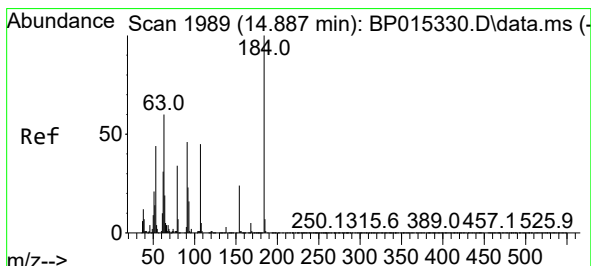
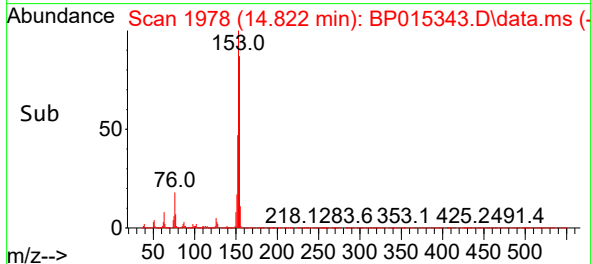
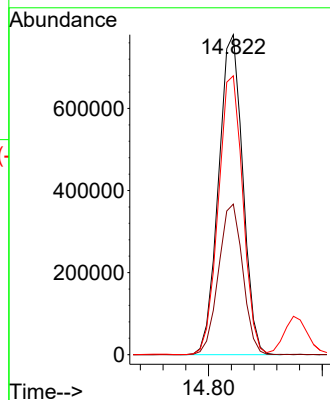
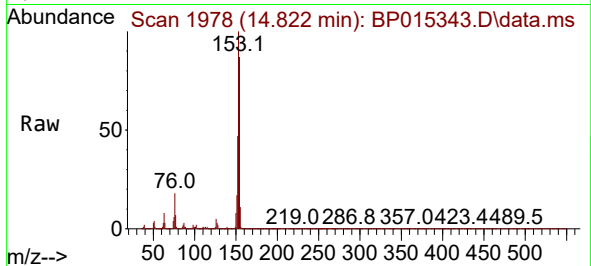




#52
Acenaphthene
Concen: 30.670 ng/ul
RT: 14.822 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

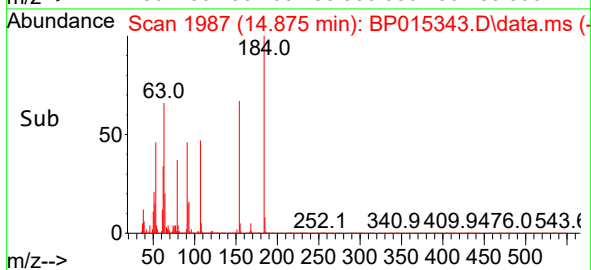
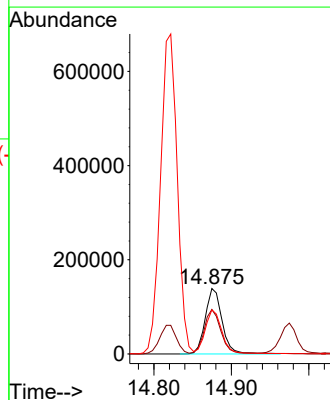
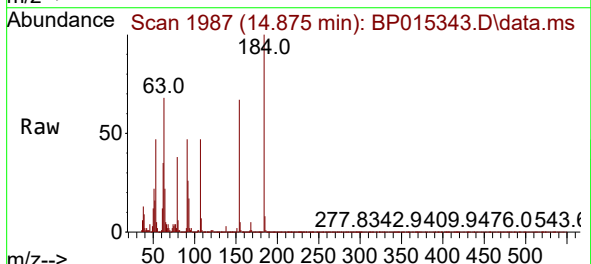
Instrument :
BNA_P
ClientSampleId :
SLCS101

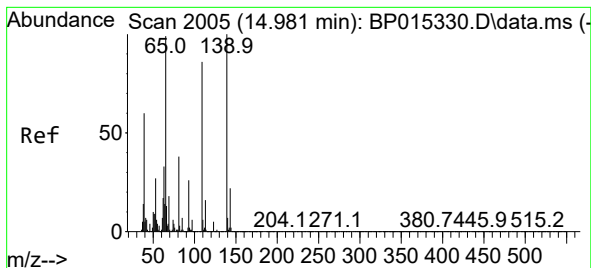
Tgt Ion:153 Resp: 1153715
Ion Ratio Lower Upper
153 100
152 47.0 38.0 57.0
154 87.1 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 35.499 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:184 Resp: 209885
Ion Ratio Lower Upper
184 100
63 68.0 49.7 74.5
154 67.5 47.5 71.3

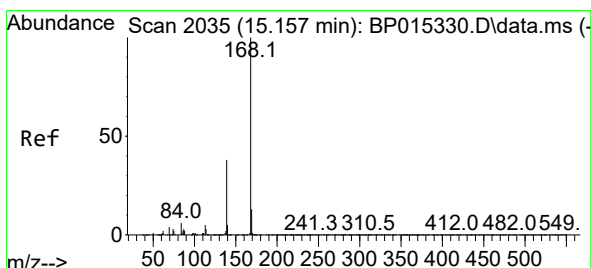
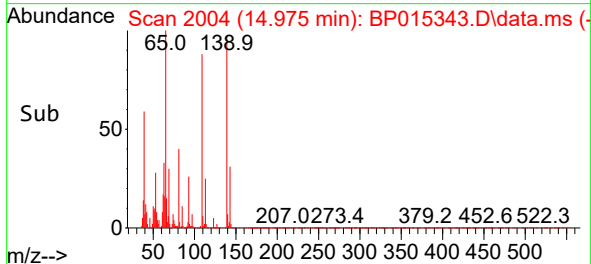
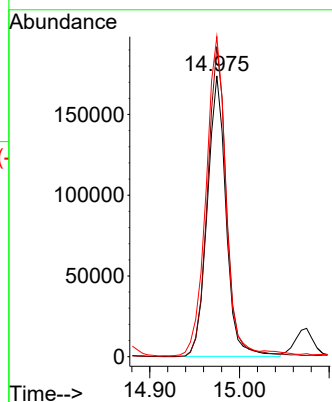
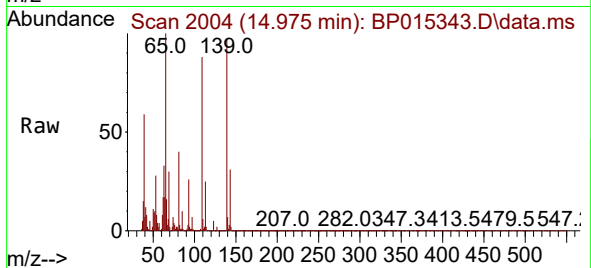




#55
4-Nitrophenol
Concen: 40.954 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

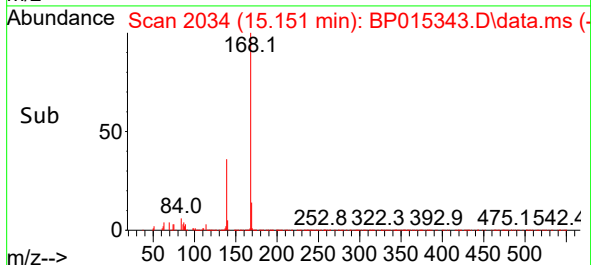
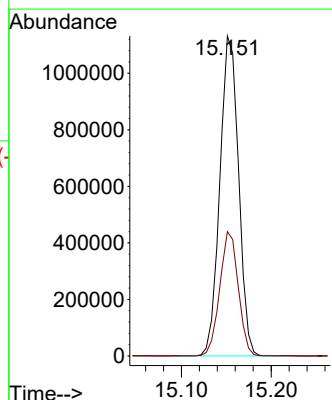
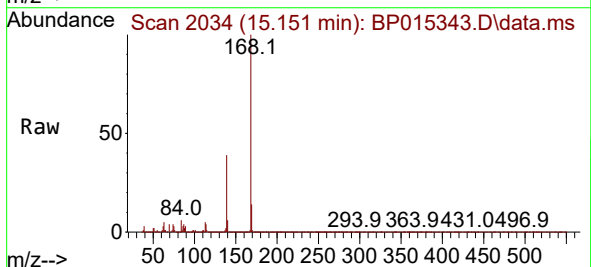
Instrument :
BNA_P
ClientSampleId :
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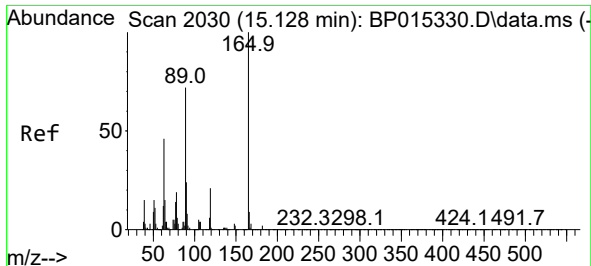
Tgt Ion:109 Resp: 252440
Ion Ratio Lower Upper
109 100
139 110.5 115.3 172.9#
65 114.0 107.9 161.9



#56
Dibenzofuran
Concen: 31.296 ng/ul
RT: 15.151 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:168 Resp: 1637440
Ion Ratio Lower Upper
168 100
139 38.8 29.4 44.0

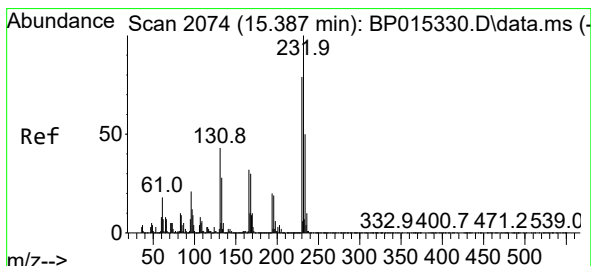
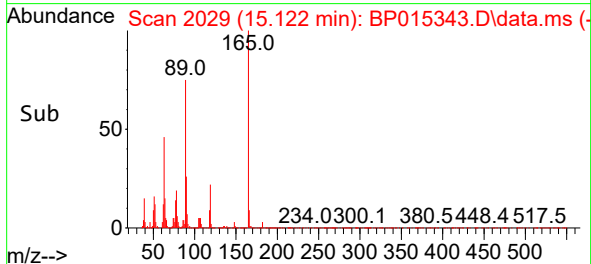
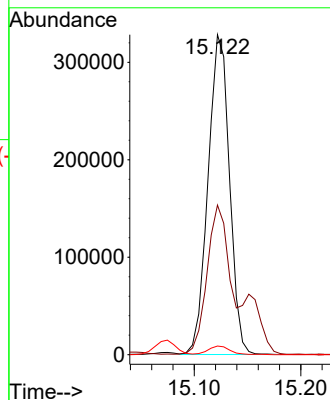
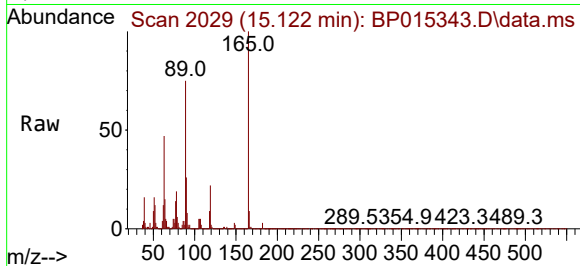




#57
2,4-Dinitrotoluene
Concen: 35.584 ng/ul
RT: 15.122 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

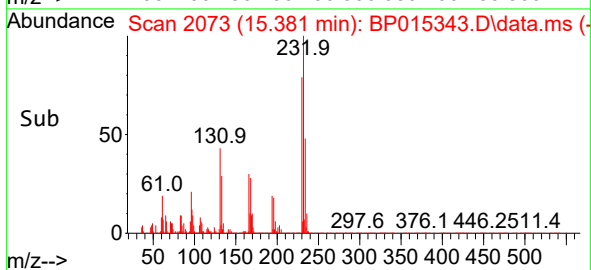
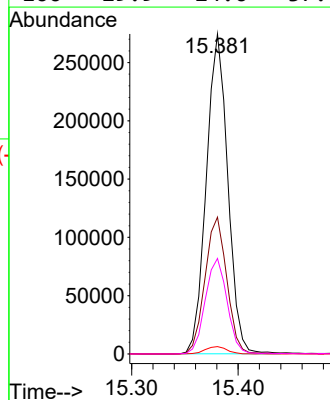
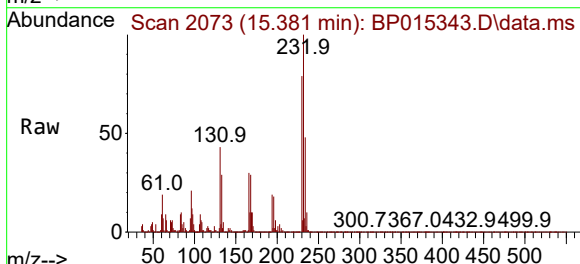
Instrument :
BNA_P
ClientSampleId :
SLCS101

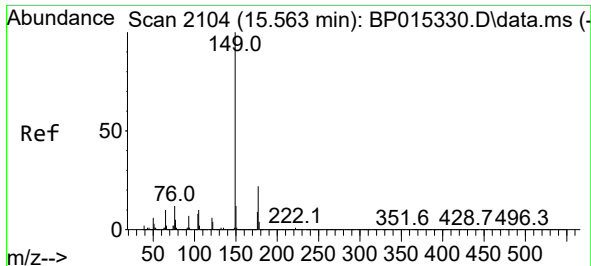
Tgt Ion:165 Resp: 458519
Ion Ratio Lower Upper
165 100
63 46.8 33.1 49.7
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.910 ng/ul
RT: 15.381 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:232 Resp: 385323
Ion Ratio Lower Upper
232 100
131 42.7 36.8 55.2
130 2.3 1.9 2.9
166 29.9 24.6 37.0

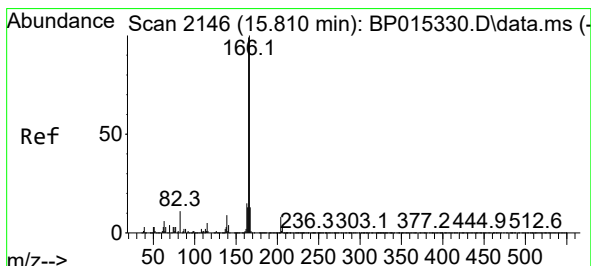
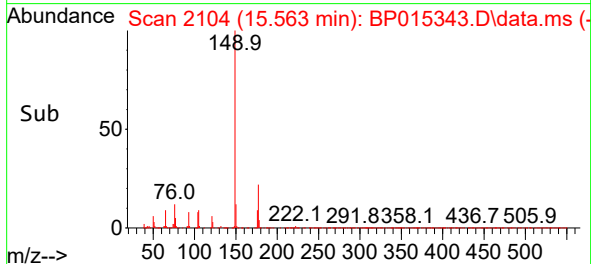
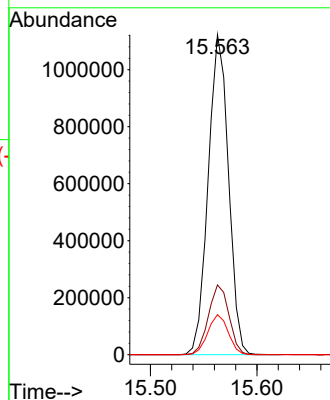
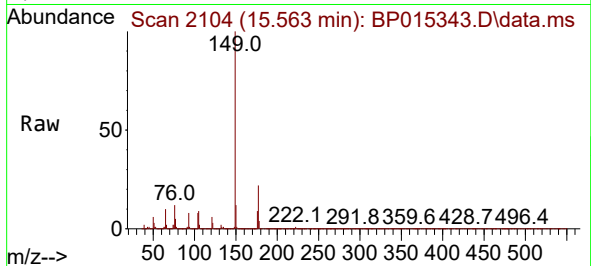




#59
Diethylphthalate
Concen: 33.120 ng/ul
RT: 15.563 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

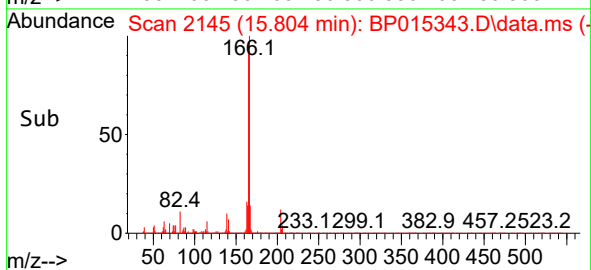
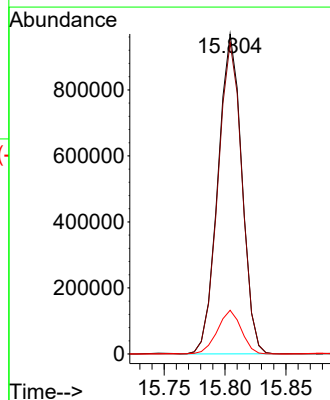
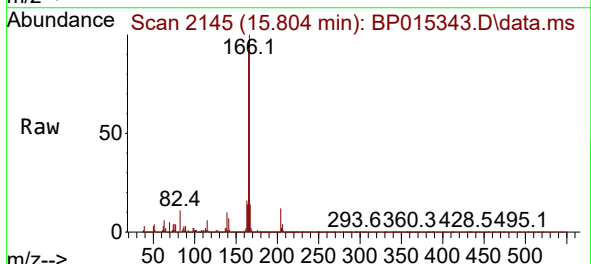
Instrument :
BNA_P
ClientSampleId :
SLCS101

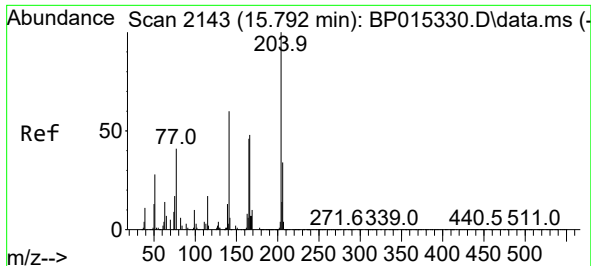
Tgt Ion:149 Resp: 1484754
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.5 9.8 14.8



#61
Fluorene
Concen: 31.450 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:166 Resp: 1322369
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.6
167 13.7 10.6 15.8

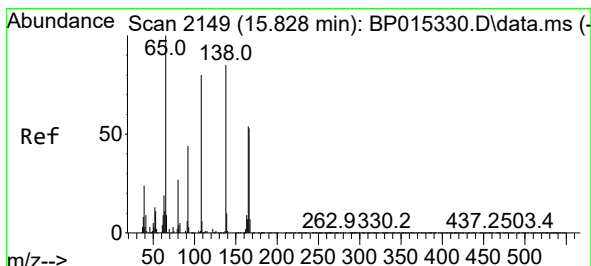
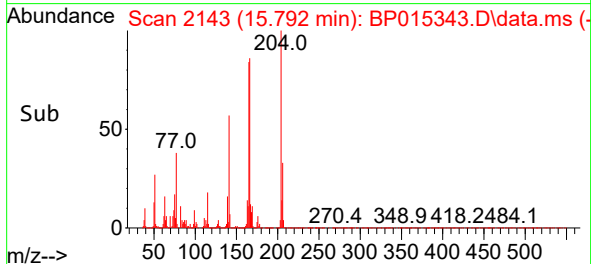
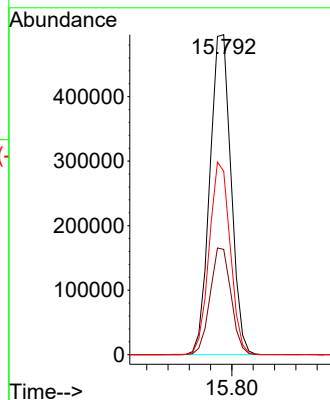
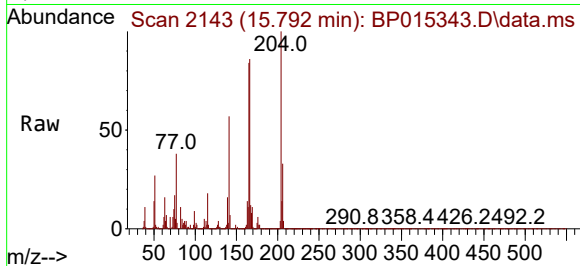




#62
4-Chlorophenyl-phenylether
Concen: 33.364 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

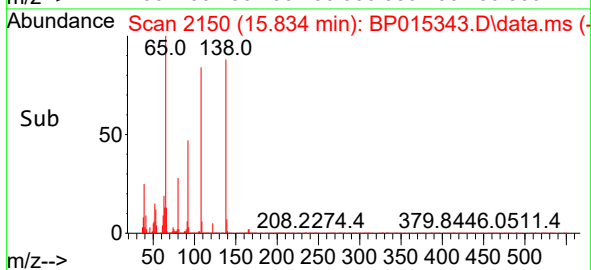
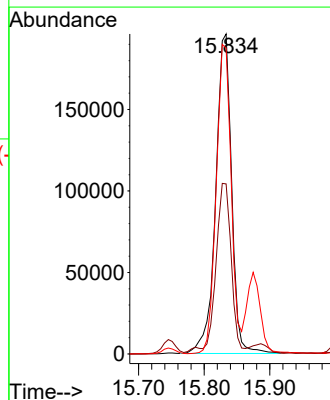
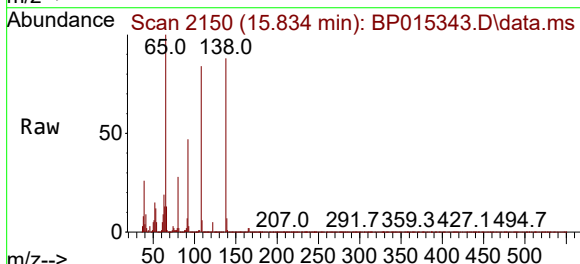
Instrument :
BNA_P
ClientSampleId :
SLCS101

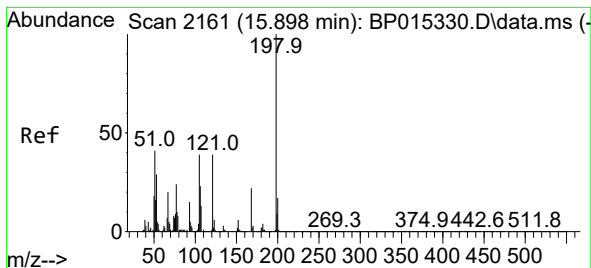
Tgt Ion:204 Resp: 685437
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 57.3 44.5 66.7



#63
4-Nitroaniline
Concen: 47.689 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:138 Resp: 330216
Ion Ratio Lower Upper
138 100
92 53.1 41.2 61.8
108 95.5 60.1 90.1#

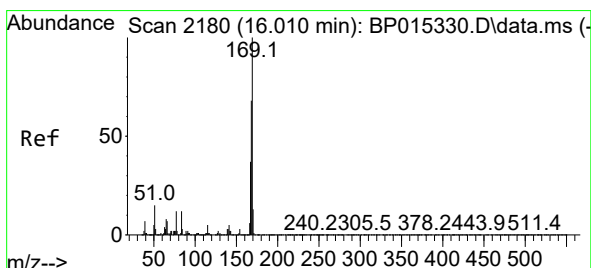
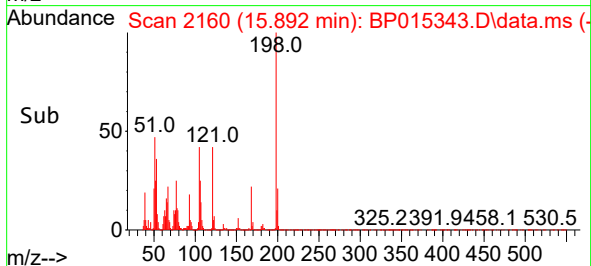
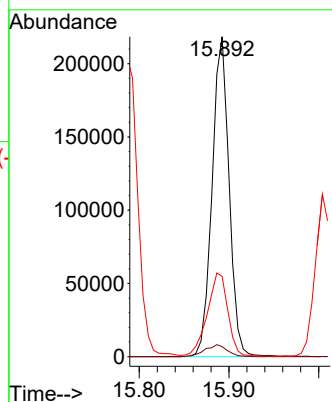
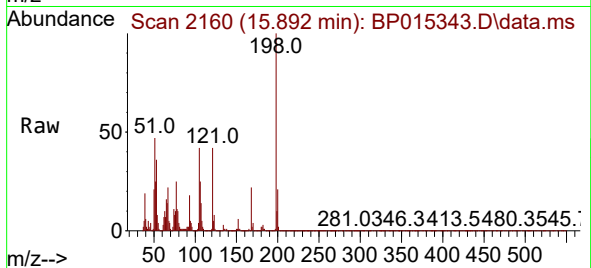




#66
4,6-Dinitro-2-methylphenol
Concen: 33.560 ng/ul
RT: 15.892 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

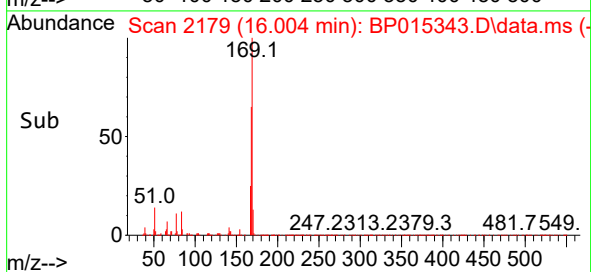
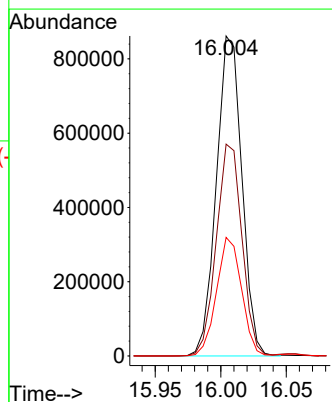
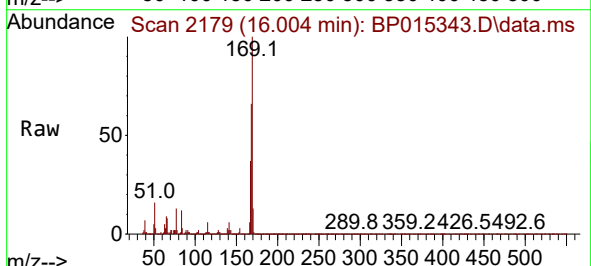
Instrument :
BNA_P
ClientSampleId :
SLCS101

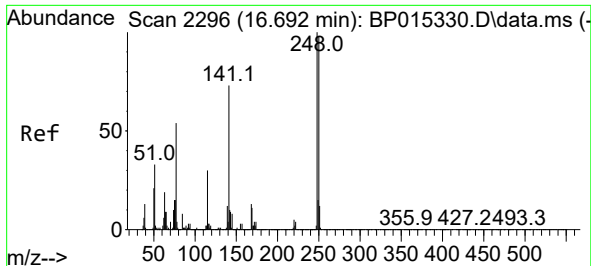
Tgt Ion:198 Resp: 287630
Ion Ratio Lower Upper
198 100
182 3.2 3.7 5.5#
77 25.1 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 30.078 ng/ul
RT: 16.004 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:169 Resp: 1165408
Ion Ratio Lower Upper
169 100
168 66.2 53.5 80.3
167 37.0 28.9 43.3

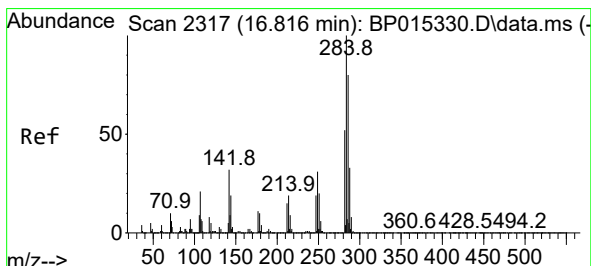
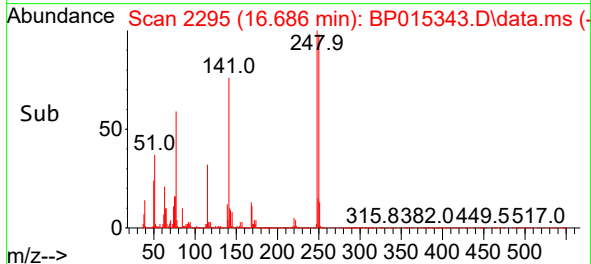
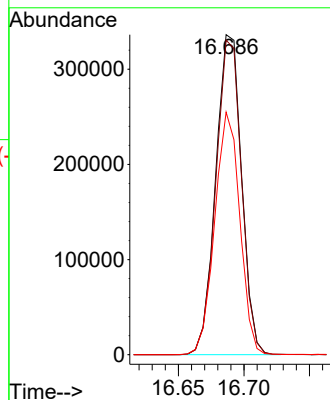
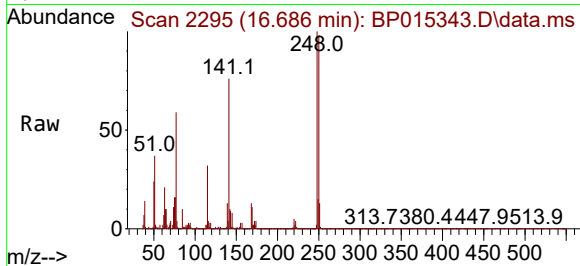




#68
4-Bromophenyl-phenylether
Concen: 34.007 ng/ul
RT: 16.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

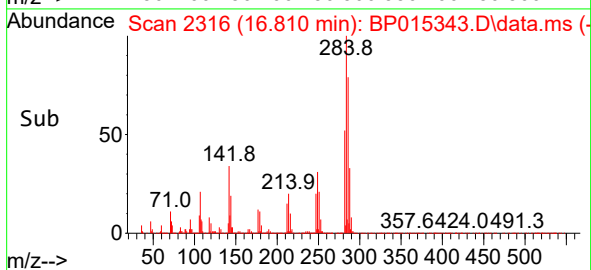
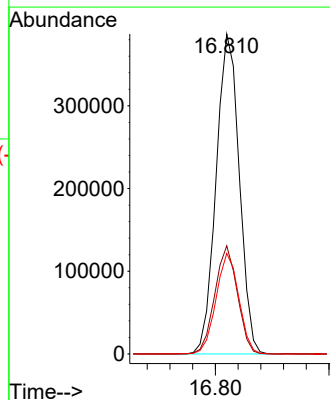
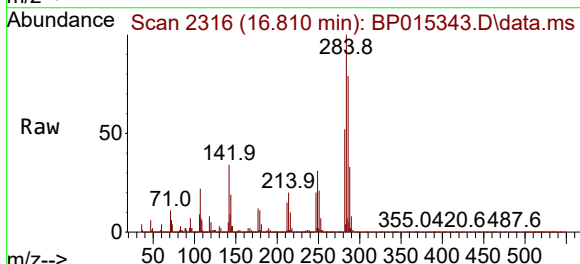
Instrument :
BNA_P
ClientSampleId :
SLCS101

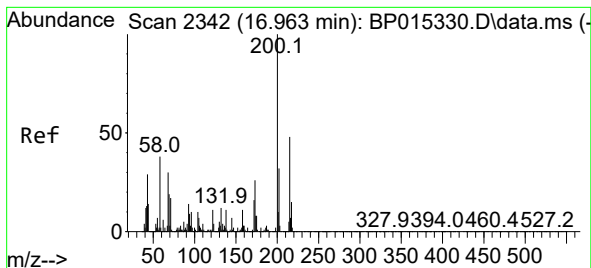
Tgt Ion:248 Resp: 461573
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.4
141 75.8 58.6 87.8



#69
Hexachlorobenzene
Concen: 34.182 ng/ul
RT: 16.810 min Scan# 2316
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:284 Resp: 548275
Ion Ratio Lower Upper
284 100
142 33.8 27.3 40.9
249 31.4 24.6 36.8





#70

Atrazine

Concen: 28.131 ng/ul

RT: 16.957 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

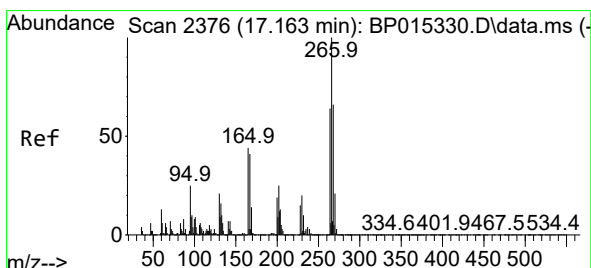
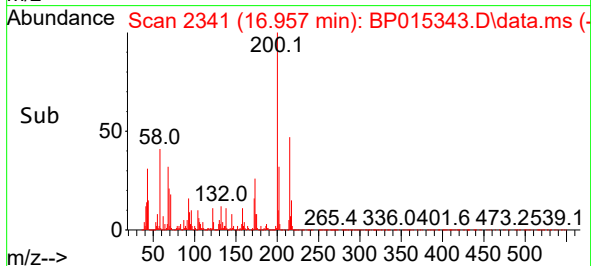
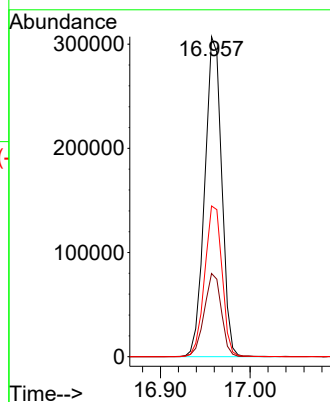
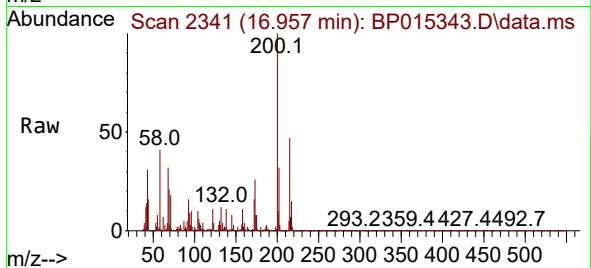
Tgt Ion:200 Resp: 402875

Ion Ratio Lower Upper

200 100

173 26.0 21.4 32.2

215 47.1 38.1 57.1



#71

Pentachlorophenol

Concen: 33.568 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

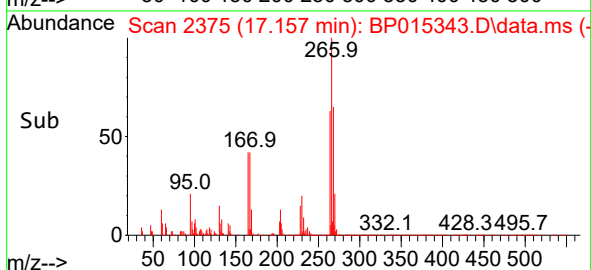
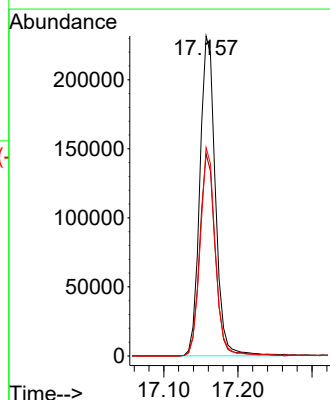
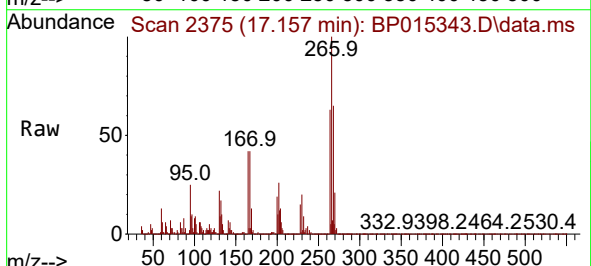
Tgt Ion:266 Resp: 336790

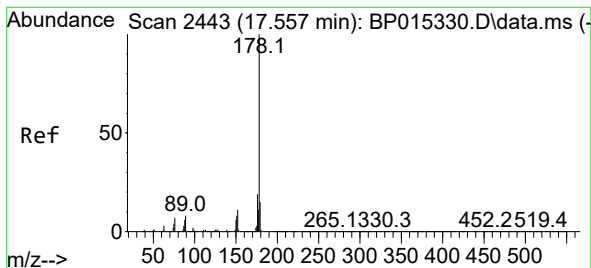
Ion Ratio Lower Upper

266 100

264 63.1 51.0 76.4

268 65.1 51.8 77.6





#72

Phenanthrene

Concen: 30.785 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

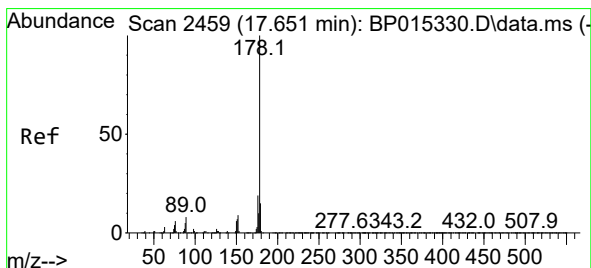
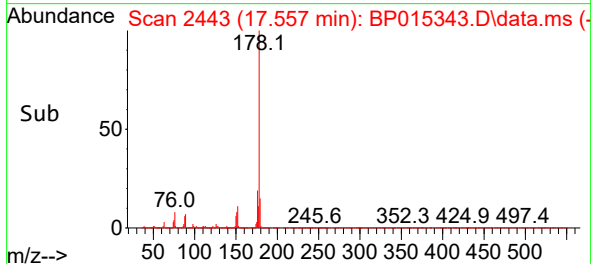
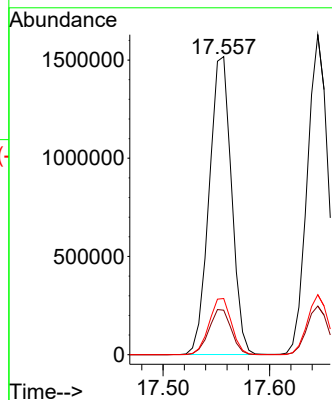
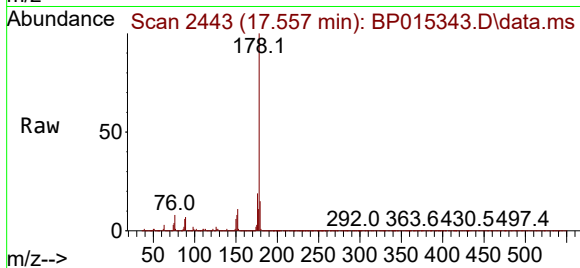
Tgt Ion:178 Resp: 2208969

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

176 18.8 15.6 23.4



#74

Anthracene

Concen: 30.480 ng/ul

RT: 17.645 min Scan# 2458

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

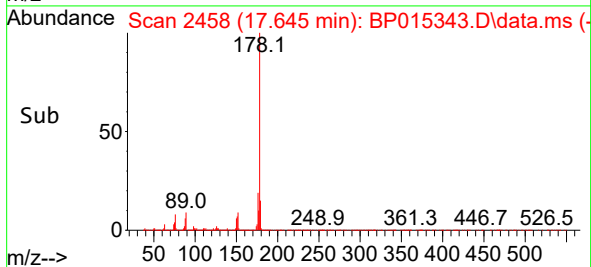
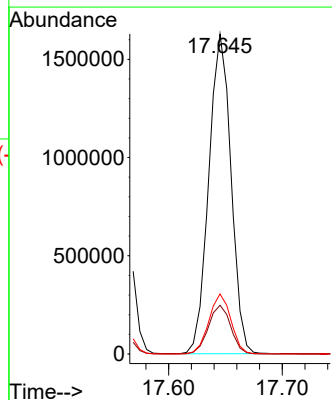
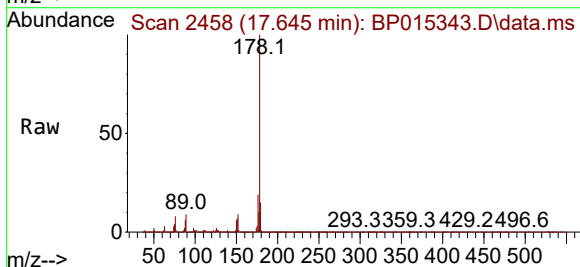
Tgt Ion:178 Resp: 2211658

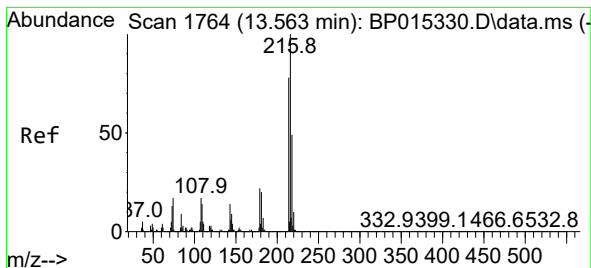
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.8 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.182 ng/uL

RT: 13.557 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

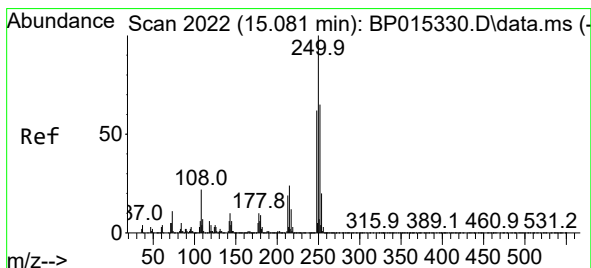
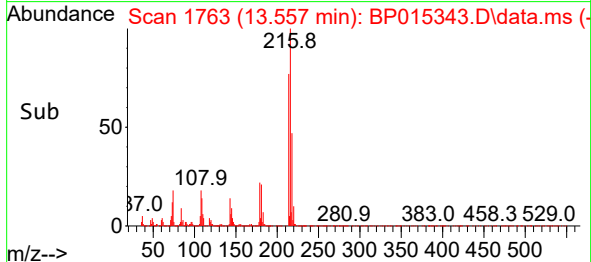
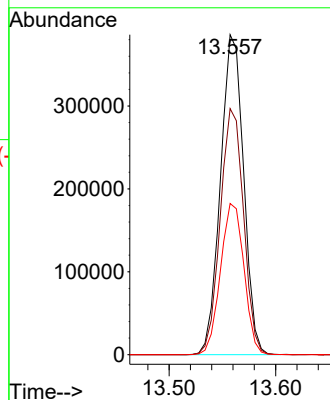
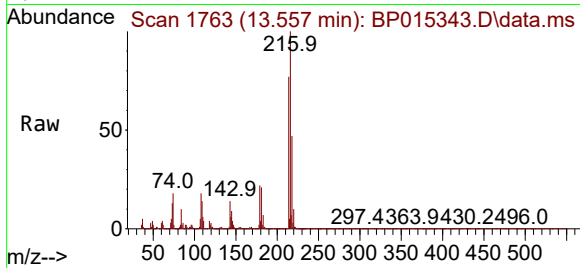
Tgt Ion:216 Resp: 582582

Ion Ratio Lower Upper

216 100

214 76.9 62.2 93.4

218 47.3 38.2 57.2



#76

Pentachlorobenzene

Concen: 31.532 ng/uL

RT: 15.075 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

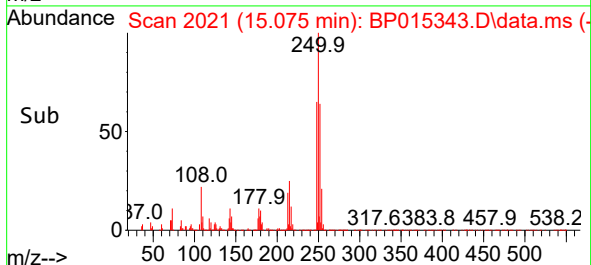
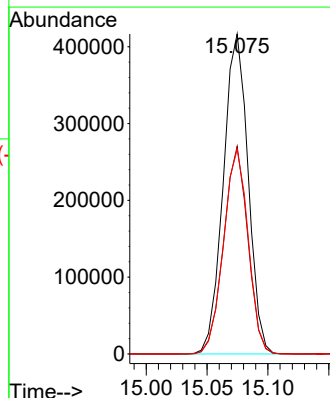
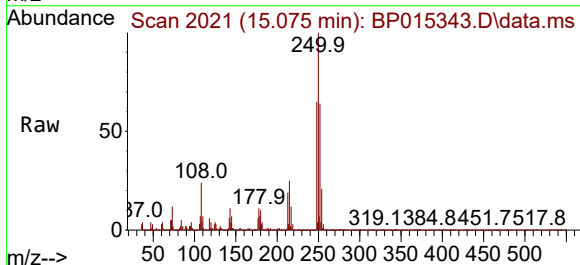
Tgt Ion:250 Resp: 591538

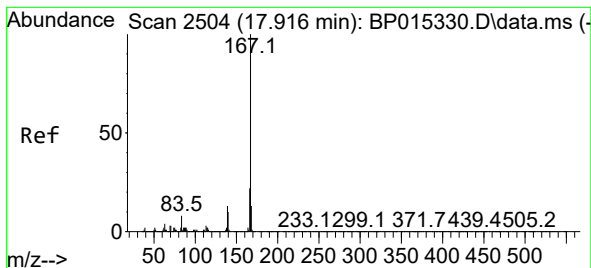
Ion Ratio Lower Upper

250 100

248 64.9 49.8 74.6

252 63.9 51.6 77.4





#77

Carbazole

Concen: 32.074 ng/ul

RT: 17.910 min Scan# 2503

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

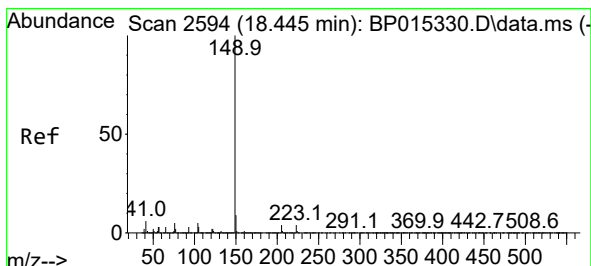
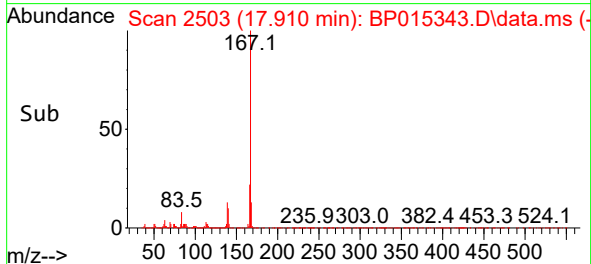
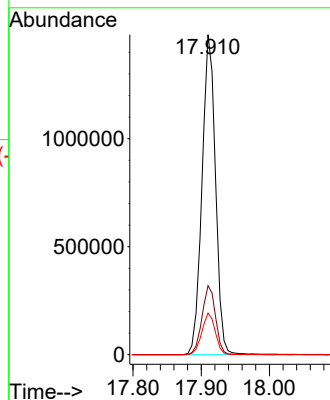
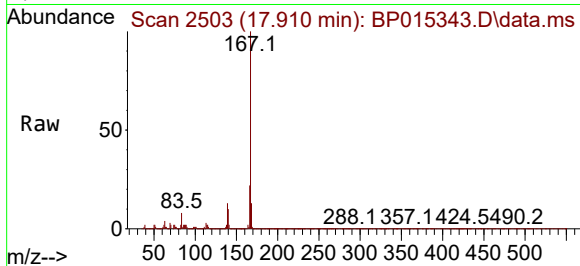
Tgt Ion:167 Resp: 2040731

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 31.614 ng/ul

RT: 18.439 min Scan# 2593

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

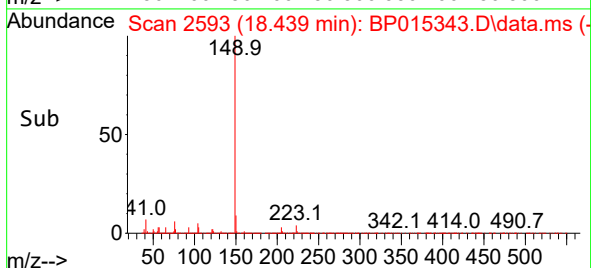
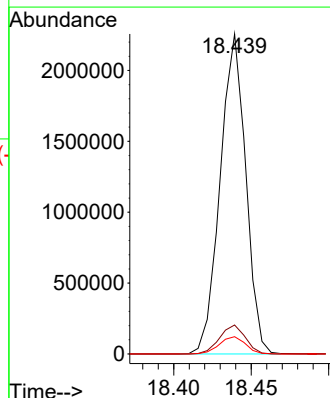
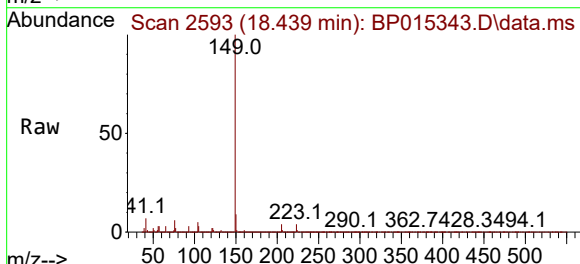
Tgt Ion:149 Resp: 2590357

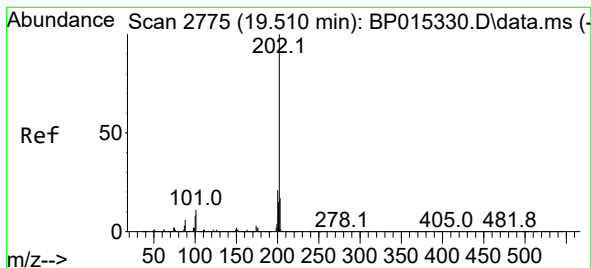
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.4 3.9 5.9





#80

Fluoranthene

Concen: 30.898 ng/ul

RT: 19.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

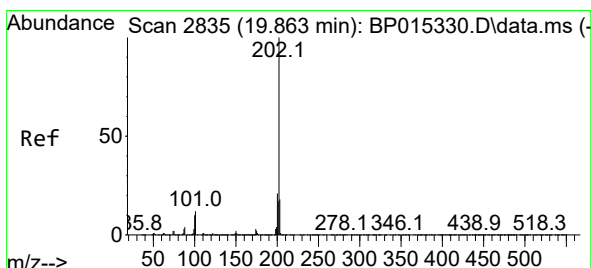
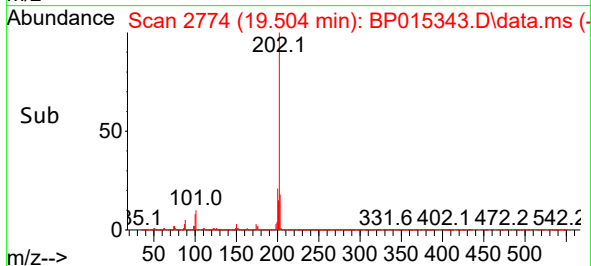
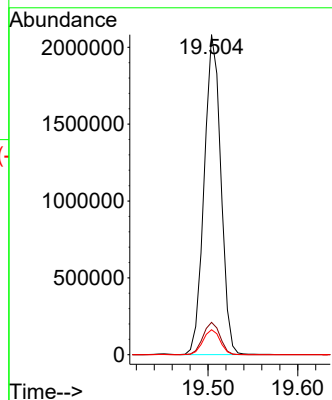
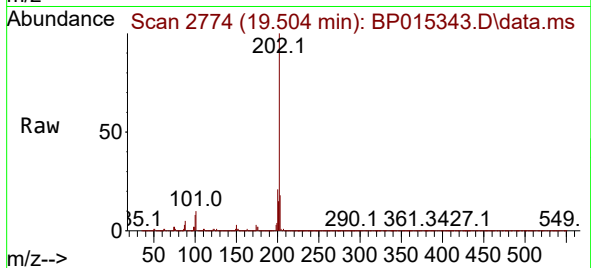
Tgt Ion:202 Resp: 2687984

Ion Ratio Lower Upper

202 100

101 10.1 9.5 14.3

100 7.8 7.3 10.9



#82

Pyrene

Concen: 30.390 ng/ul

RT: 19.863 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

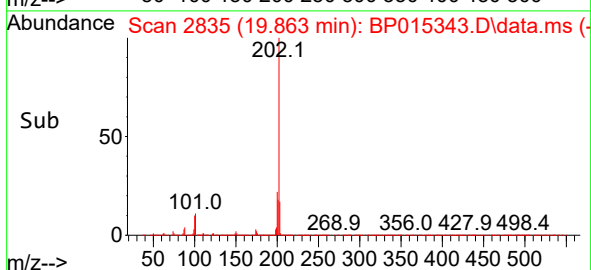
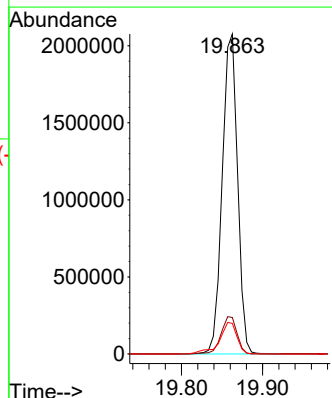
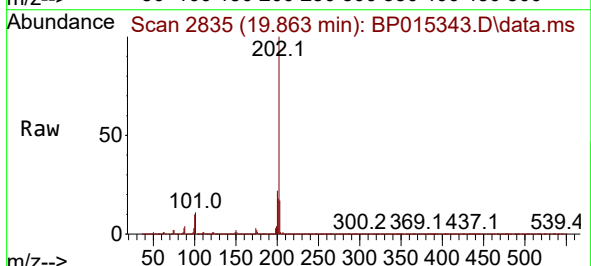
Tgt Ion:202 Resp: 2730145

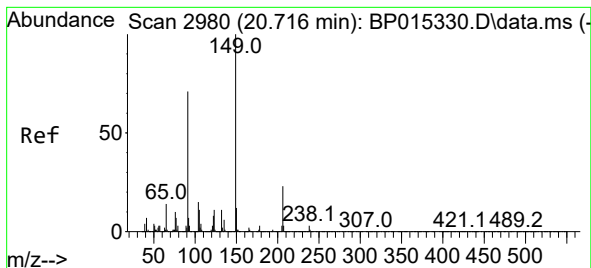
Ion Ratio Lower Upper

202 100

101 11.4 11.2 16.8

100 9.5 9.0 13.6





#83

Butylbenzylphthalate

Concen: 31.213 ng/ul

RT: 20.710 min Scan# 2980

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

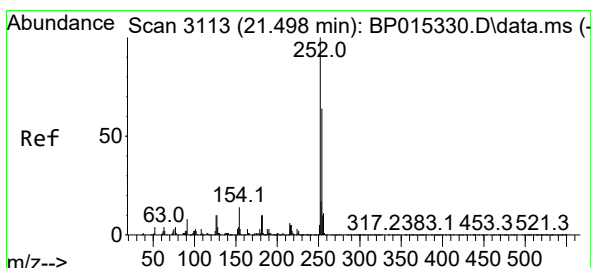
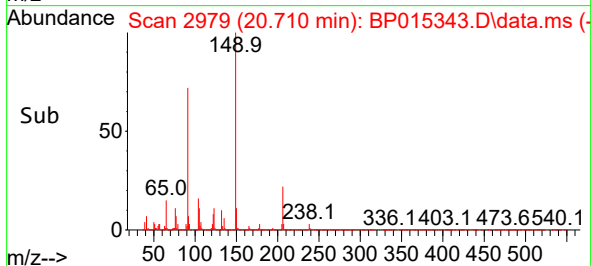
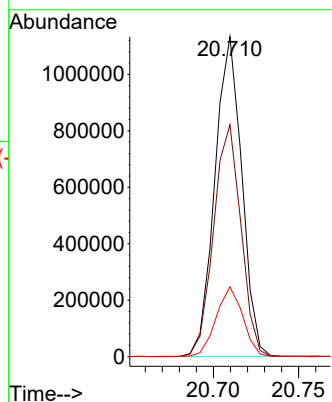
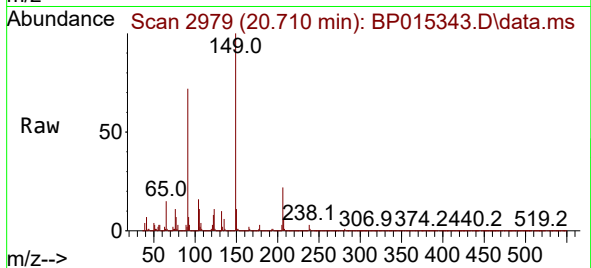
Tgt Ion:149 Resp: 1243123

Ion Ratio Lower Upper

149 100

91 72.5 57.4 86.2

206 21.8 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 37.104 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

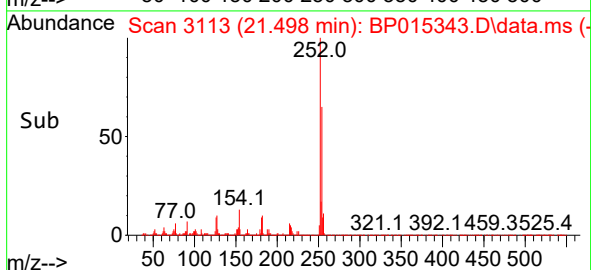
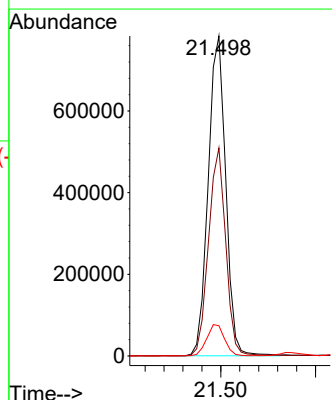
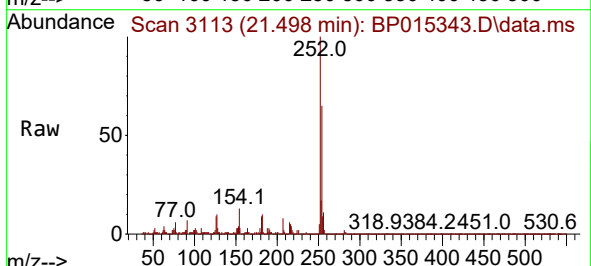
Tgt Ion:252 Resp: 1002833

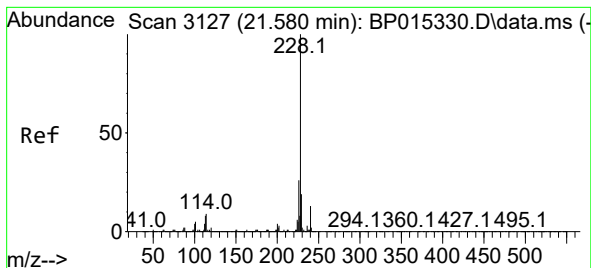
Ion Ratio Lower Upper

252 100

254 65.0 50.8 76.2

126 9.4 9.8 14.8#





#85

Benzo(a)anthracene

Concen: 31.728 ng/ul

RT: 21.574 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

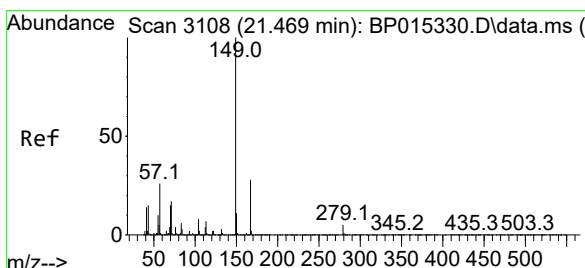
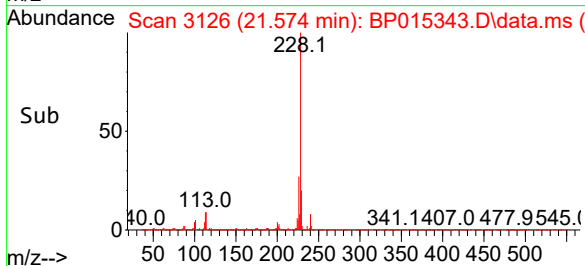
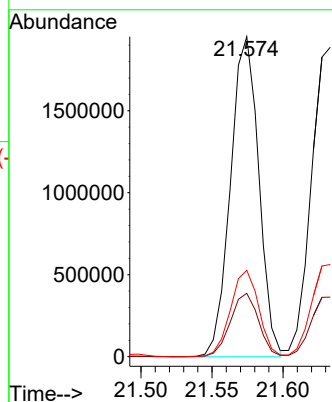
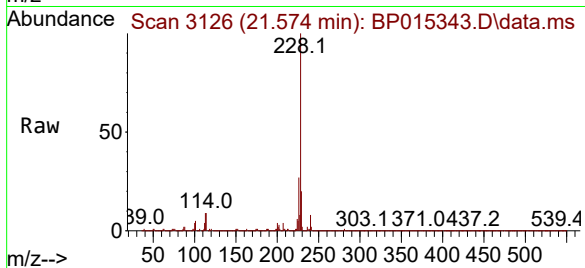
Tgt Ion:228 Resp: 2699842

Ion Ratio Lower Upper

228 100

229 19.8 16.1 24.1

226 27.0 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.154 ng/ul

RT: 21.463 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

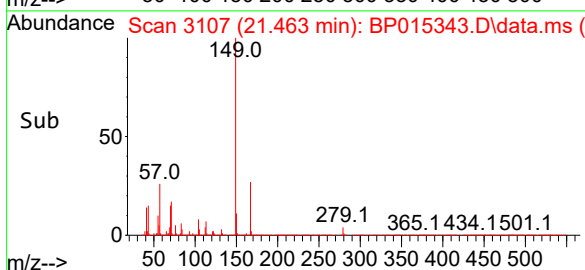
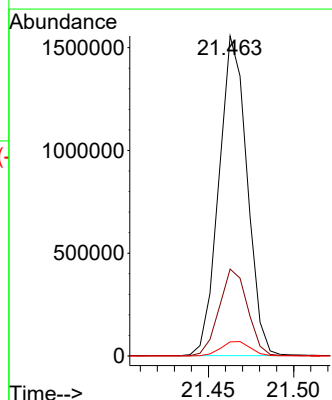
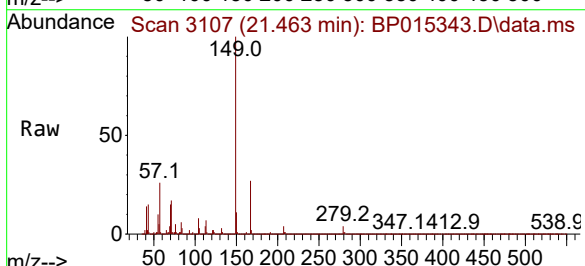
Tgt Ion:149 Resp: 1786298

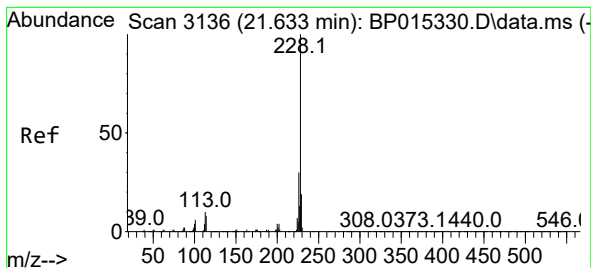
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 4.4 3.2 4.8





#87

Chrysene

Concen: 31.412 ng/ul

RT: 21.633 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

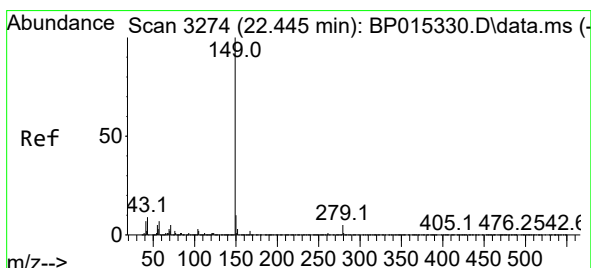
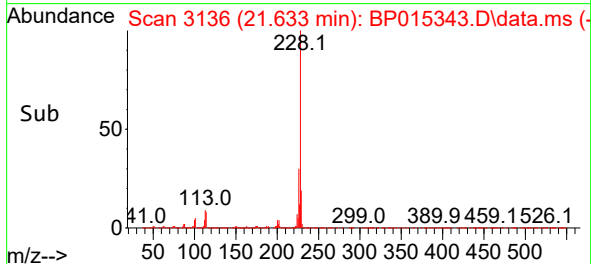
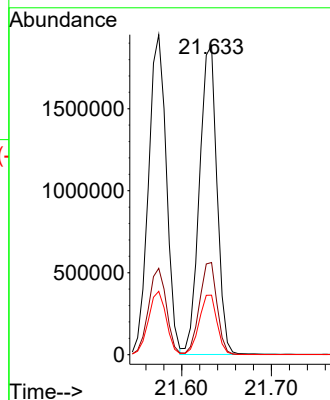
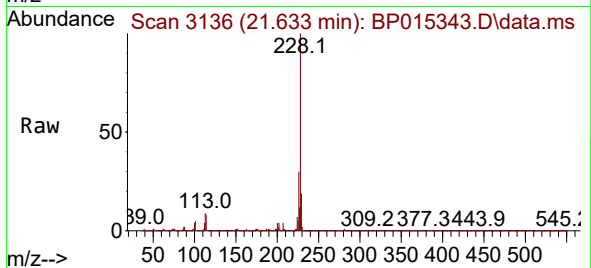
Tgt Ion:228 Resp: 2555137

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

229 19.2 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 32.706 ng/ul

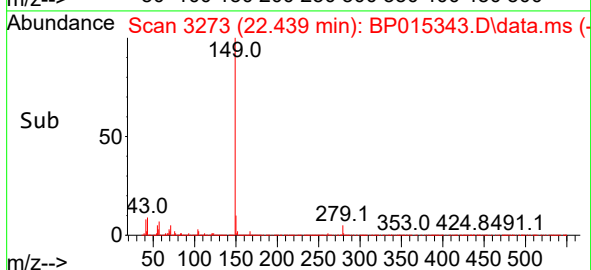
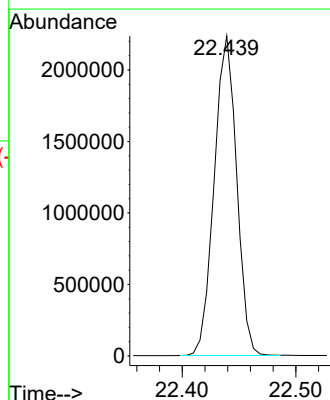
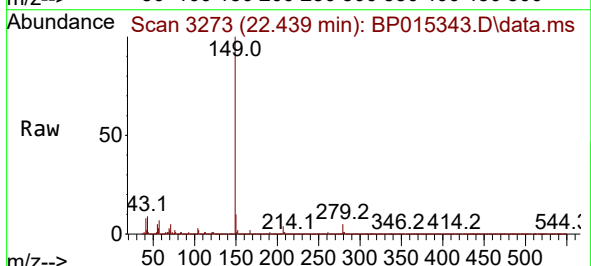
RT: 22.439 min Scan# 3273

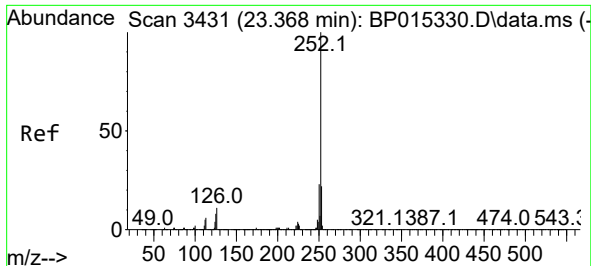
Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Tgt Ion:149 Resp: 3071924

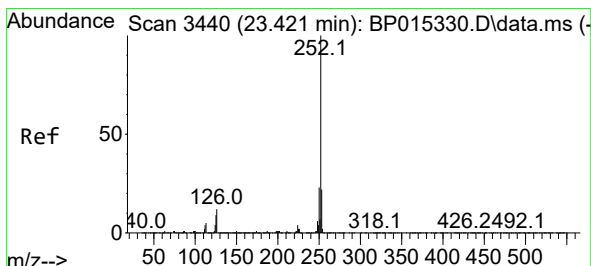
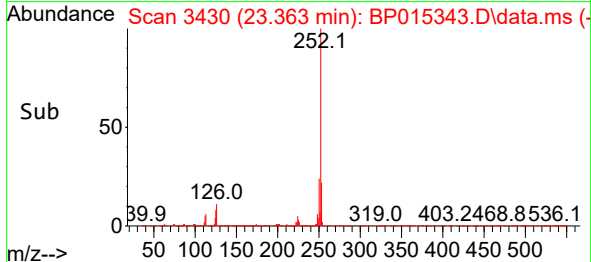
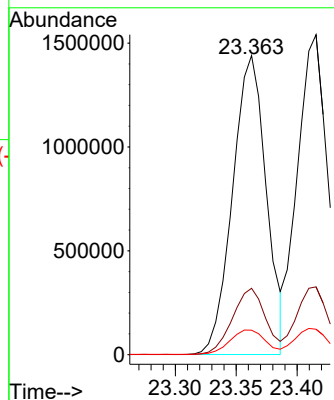
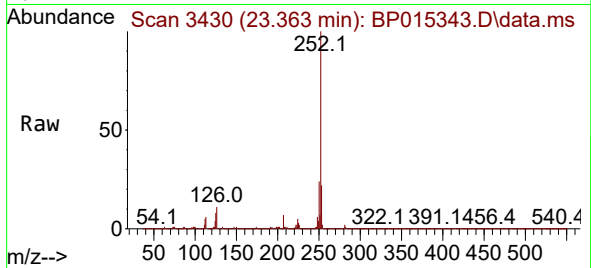




#90
Benzo(b)fluoranthene
Concen: 31.903 ng/ul
RT: 23.363 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

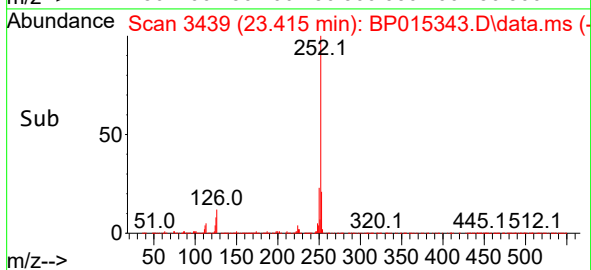
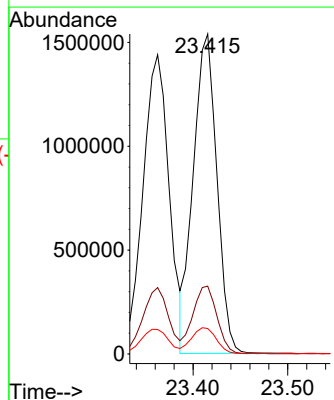
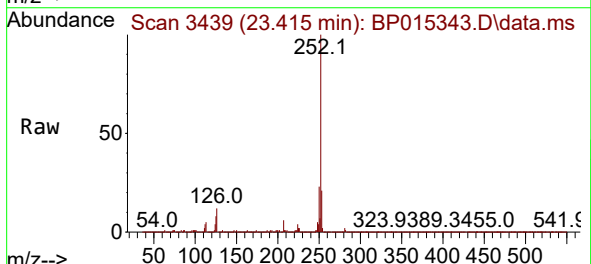
Instrument :
BNA_P
ClientSampleId :
SLCS101

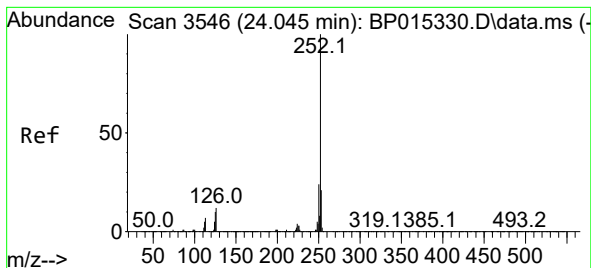
Tgt Ion:252 Resp: 2773662
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 8.2 8.3 12.5#



#91
Benzo(k)fluoranthene
Concen: 31.934 ng/ul
RT: 23.415 min Scan# 3439
Delta R.T. -0.006 min
Lab File: BP015343.D
Acq: 30 May 2023 19:56

Tgt Ion:252 Resp: 2665933
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 8.0 8.5 12.7#





#93

Benzo(a)pyrene

Concen: 30.625 ng/ul

RT: 24.039 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

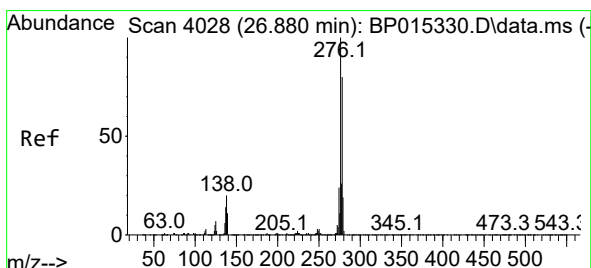
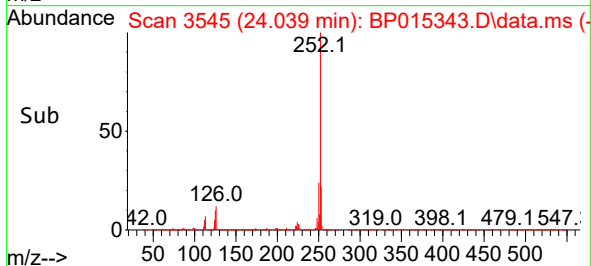
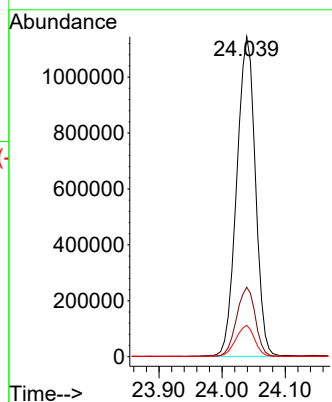
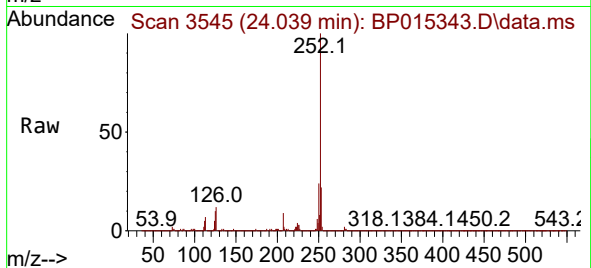
Tgt Ion:252 Resp: 2353445

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.8 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.778 ng/ul

RT: 26.862 min Scan# 4025

Delta R.T. -0.018 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

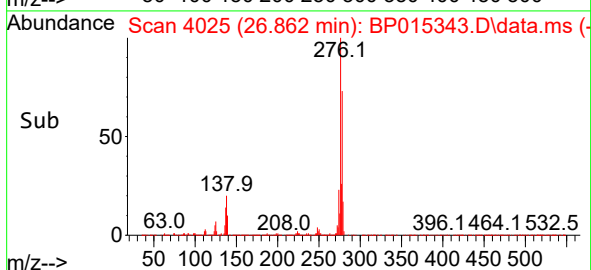
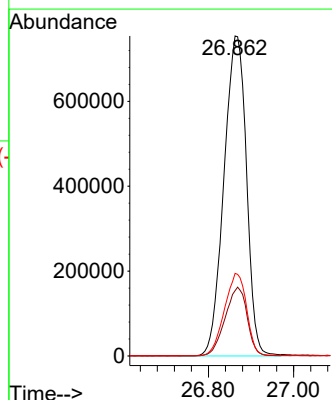
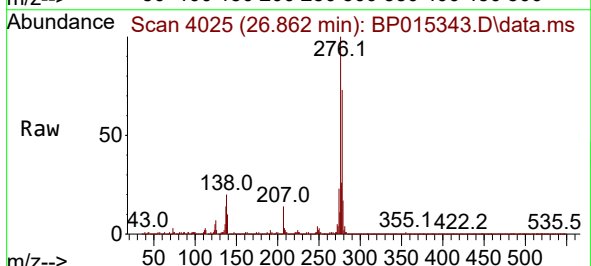
Tgt Ion:276 Resp: 2763946

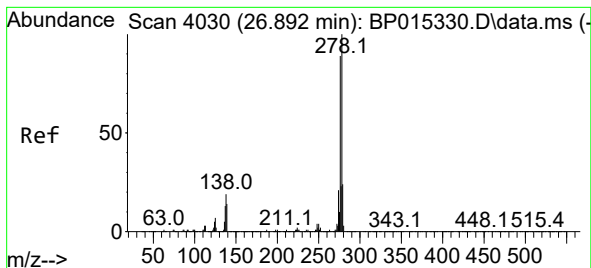
Ion Ratio Lower Upper

276 100

138 20.4 20.1 30.1

277 25.8 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 28.277 ng/ul

RT: 26.880 min Scan# 4030

Delta R.T. -0.012 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Instrument :

BNA_P

ClientSampleId :

SLCS101

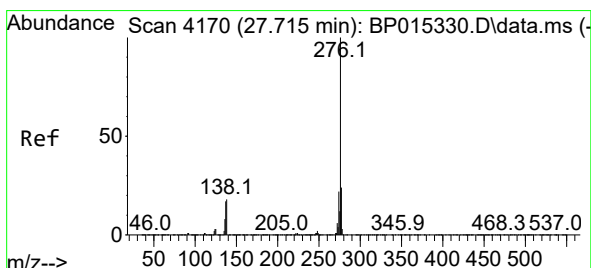
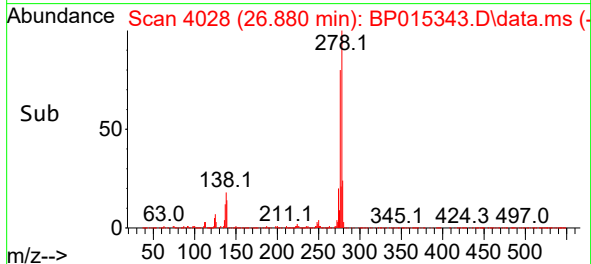
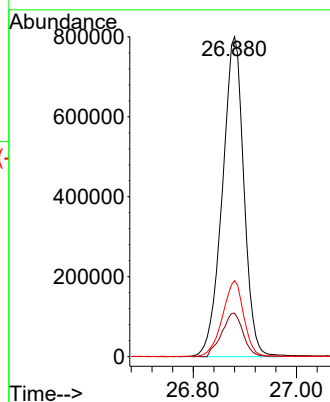
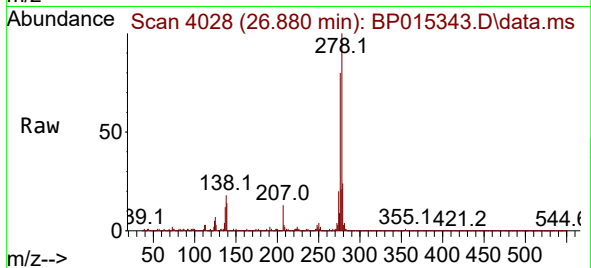
Tgt Ion:278 Resp: 2309676

Ion Ratio Lower Upper

278 100

139 13.6 13.3 19.9

279 23.8 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 27.122 ng/ul

RT: 27.698 min Scan# 4167

Delta R.T. -0.018 min

Lab File: BP015343.D

Acq: 30 May 2023 19:56

Tgt Ion:276 Resp: 2200601

Ion Ratio Lower Upper

276 100

138 18.3 17.7 26.5

277 23.8 18.8 28.2

