

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
 Data File : BP018306.D
 Acq On : 23 Nov 2023 09:20
 Operator : MA/JU
 Sample : PB157319BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS319

Quant Time: Nov 23 23:49:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 22 14:09:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	410464	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1706403	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	985769	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1722580	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1170771	20.000	ng/u1	0.00
88) Perylene-d12	23.780	264	1449606	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	56911	5.193	ng/uL	0.00
4) Pyridine-d5	3.687	84	772245	25.642	ng/u1	0.00
7) Phenol-d5	7.034	99	1030951	27.483	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	612451	27.303	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	842492	26.749	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	829497	27.401	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	402865	29.067	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	380527	29.728	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	848469	27.475	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	1122379	26.947	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	2318933	26.437	ng/u1	-0.01
49) Acenaphthylene-d8	14.198	160	2752417	27.539	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	313830	25.917	ng/u1	0.00
60) Fluorene-d10	15.498	176	1936051	26.389	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	211103	28.788	ng/u1	0.00
73) Anthracene-d10	17.357	188	2505519	27.213	ng/u1	0.00
81) Pyrene-d10	19.592	212	2376632	25.506	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	2344908	27.902	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	120061	10.217	ng/uL	94
5) Pyridine	3.711	79	814225	26.832	ng/u1	97
6) Benzaldehyde	7.010	77	585291	29.484	ng/u1	98
8) Phenol	7.063	94	1050921	28.560	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.305	93	873881	28.511	ng/u1	99
12) 2-Chlorophenol	7.434	128	865547	27.393	ng/u1	98
13) 2-Methylphenol	8.316	108	806683	28.146	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.404	45	1188367	27.276	ng/u1	98
16) Acetophenone	8.699	105	1322504	28.550	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.693	70	637949	24.653	ng/u1	98
18) 4-Methylphenol	8.646	108	873544	28.541	ng/u1	100
19) Hexachloroethane	8.957	117	361066	27.362	ng/u1	100
22) Nitrobenzene	9.075	77	922867	28.421	ng/u1	97
23) Isophorone	9.604	82	1860774	25.711	ng/u1	99
25) 2-Nitrophenol	9.787	139	445059	30.903	ng/u1	95
26) 2,4-Dimethylphenol	9.851	107	707398	21.877	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.093	93	1194729	27.334	ng/u1	100
29) 2,4-Dichlorophenol	10.316	162	846546	28.618	ng/u1	98
30) Naphthalene	10.728	128	2842536	27.542	ng/u1	100
32) 4-Chloroaniline	10.834	127	1029493	26.193	ng/u1	99
33) Hexachlorobutadiene	11.016	225	581154	28.805	ng/u1	100
34) Caprolactam	11.598	113	241160	28.290	ng/u1	93
35) 4-Chloro-3-methylphenol	11.957	107	831631	26.294	ng/u1	97
36) 2-Methylnaphthalene	12.334	142	1966306	26.920	ng/u1	100

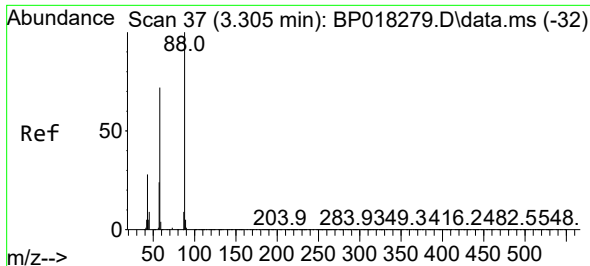
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	1918912	26.100	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	1077653	30.953	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	517464	26.243	ng/ul	99
41) 2,4,6-Trichlorophenol	12.940	196	638353	30.531	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	683752	30.243	ng/ul	100
43) 1,1'-Biphenyl	13.345	154	2528533	29.440	ng/ul	100
44) 2-Chloronaphthalene	13.387	162	1999730	29.417	ng/ul	98
45) 2-Nitroaniline	13.587	65	437612	29.918	ng/ul	93
47) Dimethylphthalate	13.969	163	2362979	27.533	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	441194	30.492	ng/ul	92
50) Acenaphthylene	14.228	152	3170421	28.458	ng/ul	99
51) 3-Nitroaniline	14.410	138	411963	28.655	ng/ul#	95
52) Acenaphthene	14.569	153	2060425	28.312	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	136548	27.050	ng/ul	99
55) 4-Nitrophenol	14.710	109	241758	26.949	ng/ul	98
56) Dibenzofuran	14.904	168	2788740	28.029	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	566089	28.951	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.128	232	500375	28.181	ng/ul	98
59) Diethylphthalate	15.339	149	2223073	25.786	ng/ul	100
61) Fluorene	15.557	166	2203674	27.160	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.557	204	1143447	27.753	ng/ul	98
63) 4-Nitroaniline	15.569	138	378783	27.918	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.628	198	245117	30.139	ng/ul	99
67) N-Nitrosodiphenylamine	15.763	169	1813508	31.046	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	679741	31.254	ng/ul	98
69) Hexachlorobenzene	16.557	284	746059	30.685	ng/ul	93
70) Atrazine	16.722	200	497674	27.908	ng/ul	99
71) Pentachlorophenol	16.898	266	353885	28.327	ng/ul	99
72) Phenanthrene	17.298	178	3074848	29.347	ng/ul	99
74) Anthracene	17.392	178	3000986	28.375	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	1063455	35.917	ng/ul	99
76) Pentachlorobenzene	14.822	250	989549	34.405	ng/ul	98
77) Carbazole	17.657	167	2476688	28.905	ng/ul	99
78) Di-n-butylphthalate	18.227	149	3029580	25.420	ng/ul	100
80) Fluoranthene	19.269	202	2955226	26.548	ng/ul	99
82) Pyrene	19.622	202	2995174	26.721	ng/ul	99
83) Butylbenzylphthalate	20.516	149	971421	23.418	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	824730	29.125	ng/ul	99
85) Benzo(a)anthracene	21.345	228	2727670	28.587	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.292	149	1509494	24.254	ng/ul	100
87) Chrysene	21.392	228	2535601	29.203	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	2442881	22.890	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2834763	26.923	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	2946876	28.114	ng/ul	99
93) Benzo(a)pyrene	23.674	252	2808125	29.000	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.333	276	3660184	32.691	ng/ul	99
95) Dibenzo(a,h)anthracene	26.368	278	3036689	33.130	ng/ul	99
96) Benzo(g,h,i)perylene	27.115	276	2996517	33.046	ng/ul	100

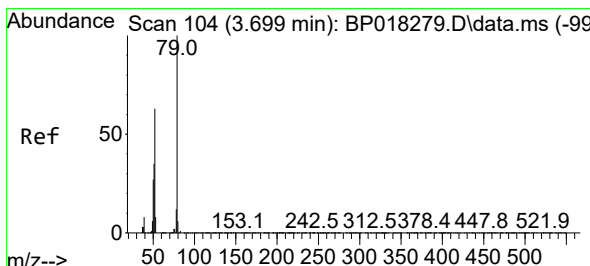
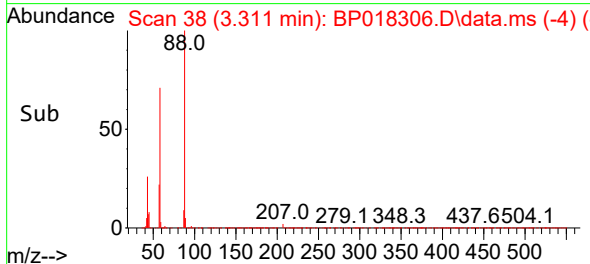
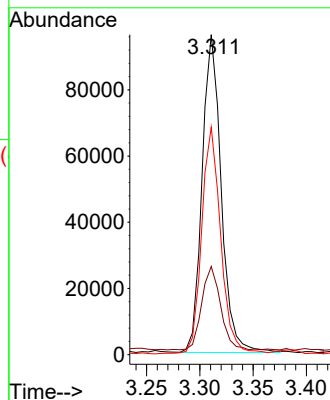
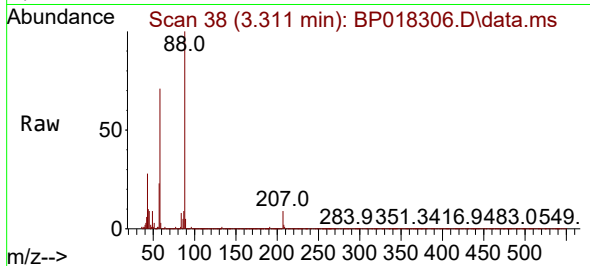
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#2
1,4-Dioxane
Concen: 10.217 ng/uL
RT: 3.311 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP018306.D
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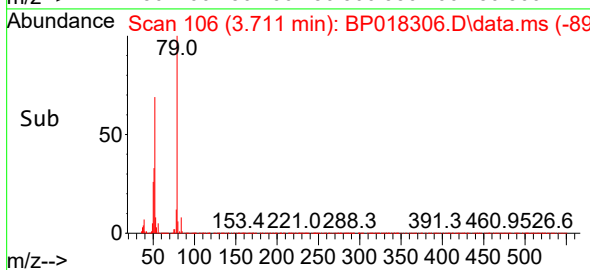
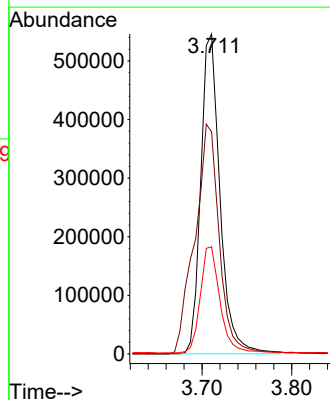
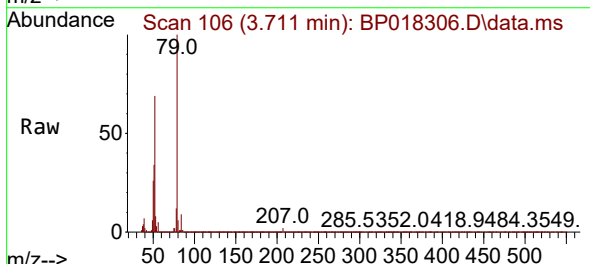
Instrument :
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ClientSampleId :
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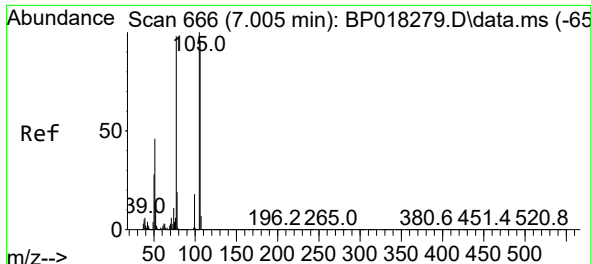
Tgt Ion: 88 Resp: 120061
Ion Ratio Lower Upper
88 100
43 27.5 26.9 40.3
58 71.1 59.6 89.4



#5
Pyridine
Concen: 26.832 ng/uL
RT: 3.711 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion: 79 Resp: 814225
Ion Ratio Lower Upper
79 100
52 69.4 57.7 86.5
51 33.5 27.8 41.8

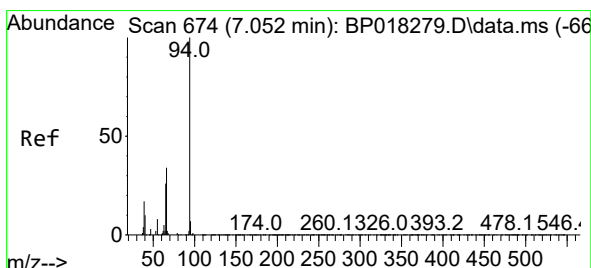
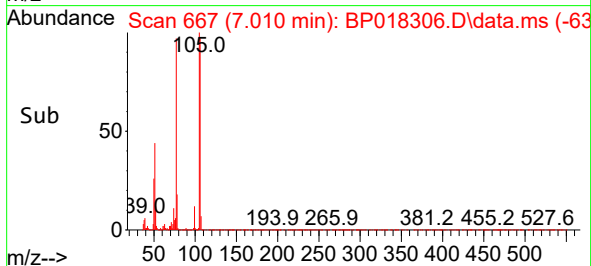
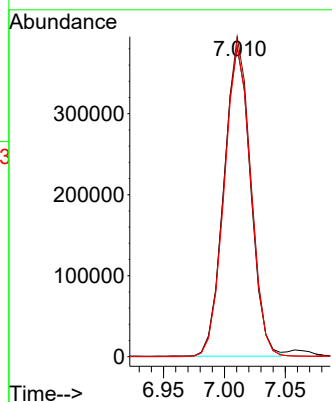
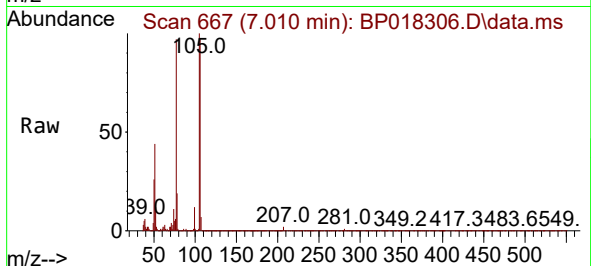




#6
Benzaldehyde
Concen: 29.484 ng/ul
RT: 7.010 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

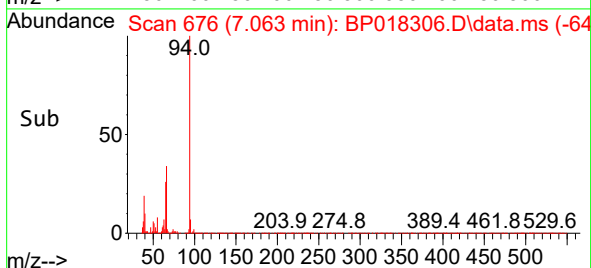
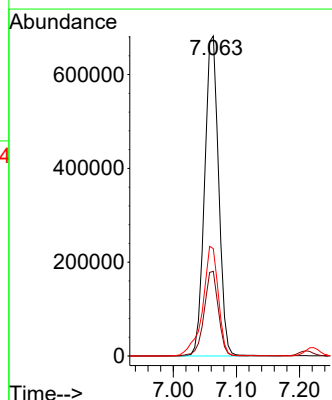
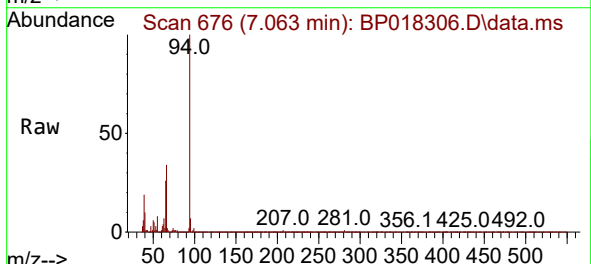
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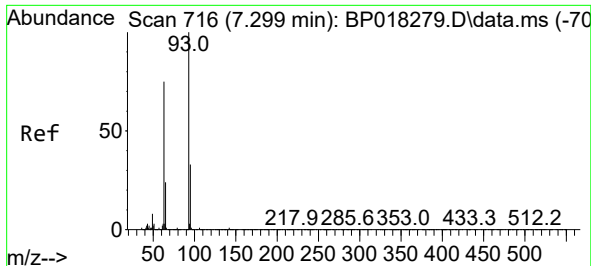
Tgt Ion: 77 Resp: 585291
Ion Ratio Lower Upper
77 100
105 103.5 81.5 122.3
106 100.8 77.9 116.9



#8
Phenol
Concen: 28.560 ng/ul
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion: 94 Resp: 1050921
Ion Ratio Lower Upper
94 100
65 26.5 21.2 31.8
66 33.6 28.0 42.0

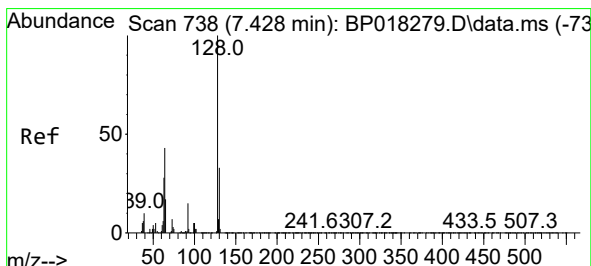
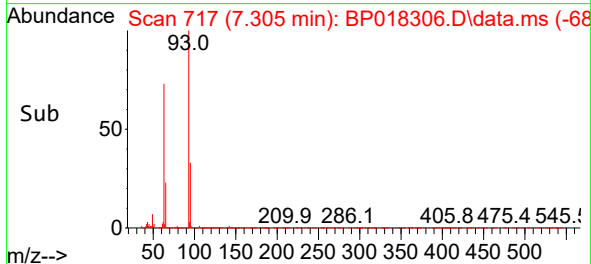
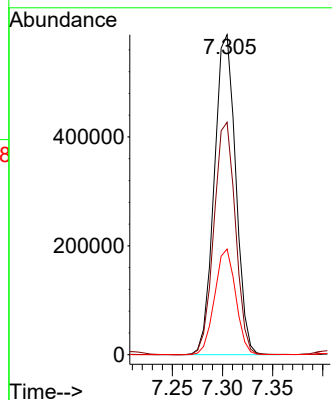
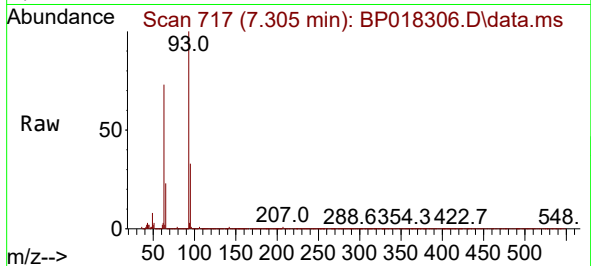




#10
Bis(2-Chloroethyl)ether
Concen: 28.511 ng/ul
RT: 7.305 min Scan# 716
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

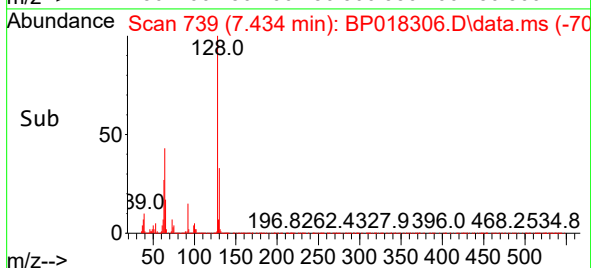
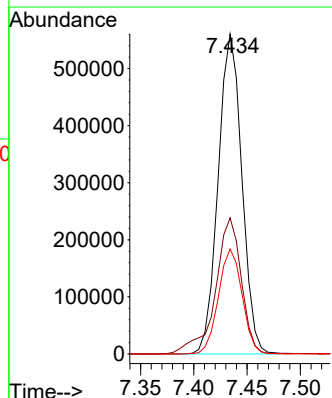
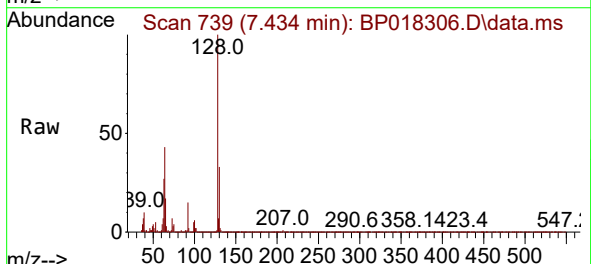
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ClientSampleId :
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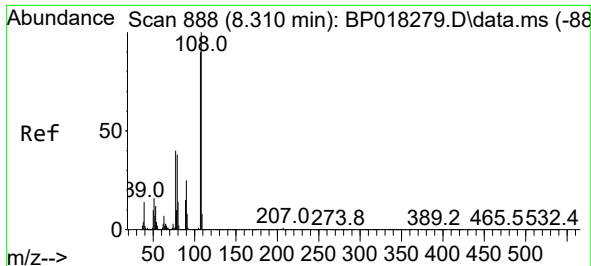
Tgt Ion: 93 Resp: 873881
Ion Ratio Lower Upper
93 100
63 72.6 58.2 87.4
95 33.0 25.6 38.4



#12
2-Chlorophenol
Concen: 27.393 ng/ul
RT: 7.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:128 Resp: 865547
Ion Ratio Lower Upper
128 100
64 42.5 34.8 52.2
130 32.8 25.5 38.3





#13

2-Methylphenol

Concen: 28.146 ng/ul

RT: 8.316 min Scan# 888

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

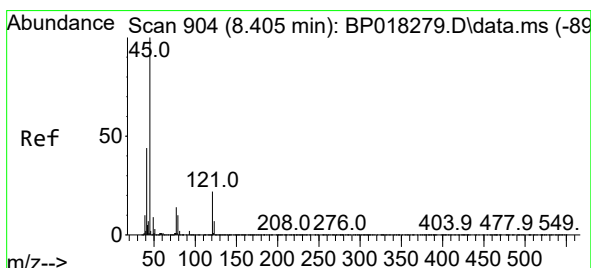
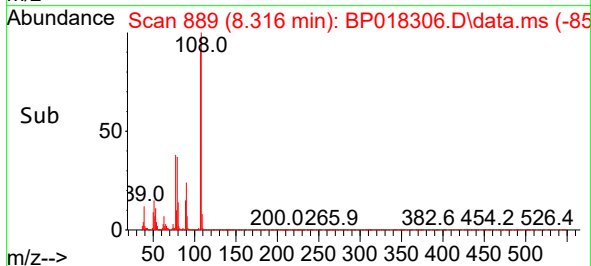
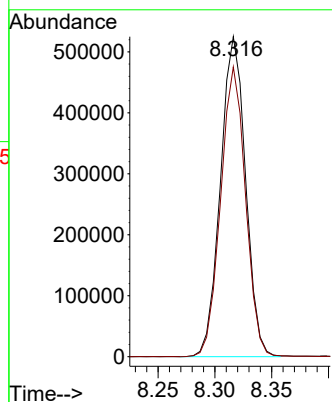
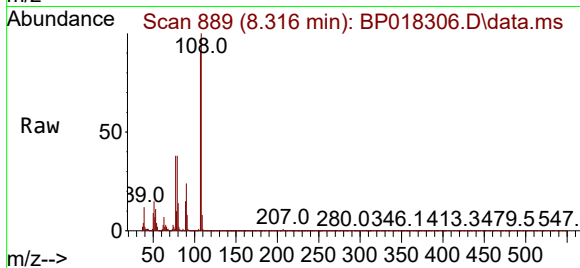
SLCS319

Tgt Ion:108 Resp: 806683

Ion Ratio Lower Upper

108 100

107 90.6 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.276 ng/ul

RT: 8.404 min Scan# 904

Delta R.T. -0.012 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

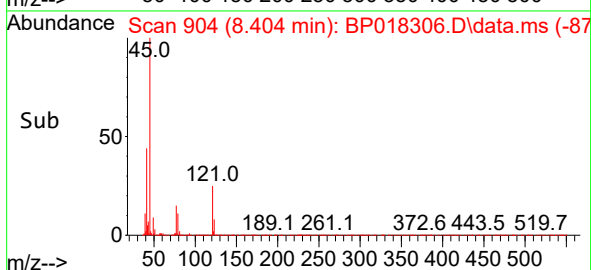
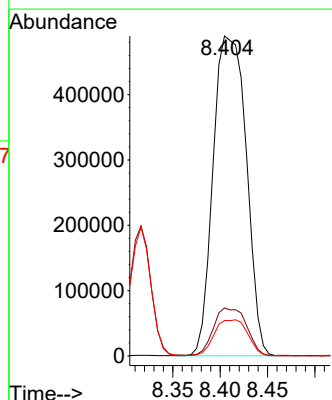
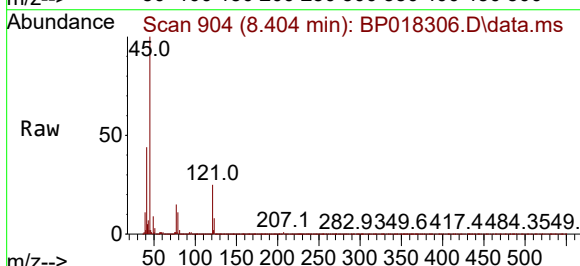
Tgt Ion: 45 Resp: 1188367

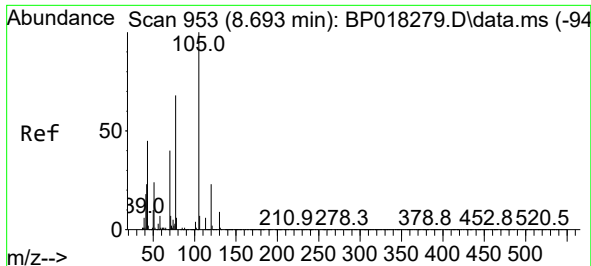
Ion Ratio Lower Upper

45 100

77 15.0 11.4 17.2

79 11.1 8.4 12.6

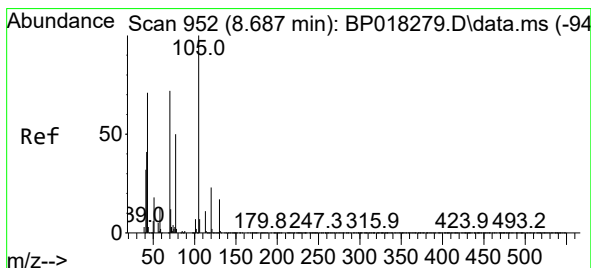
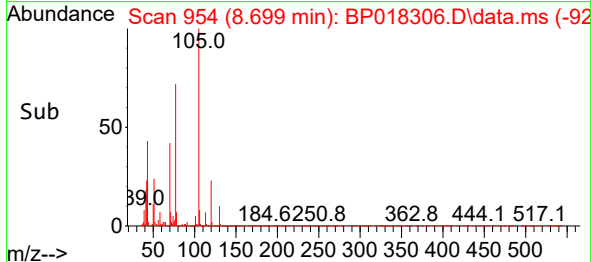
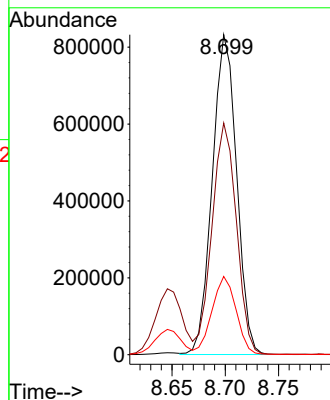
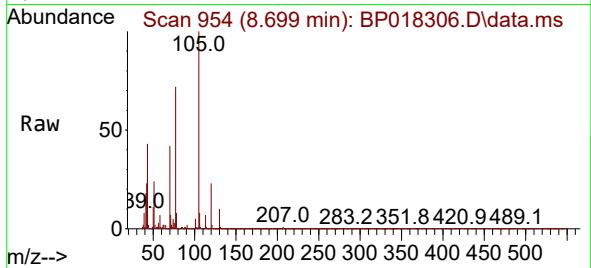




#16
Acetophenone
Concen: 28.550 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

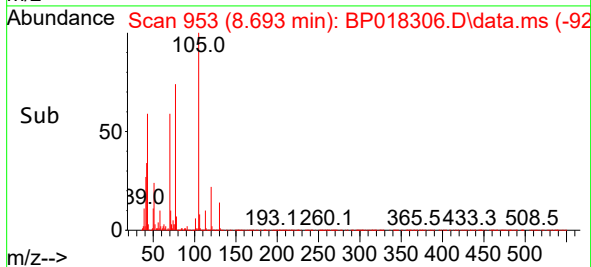
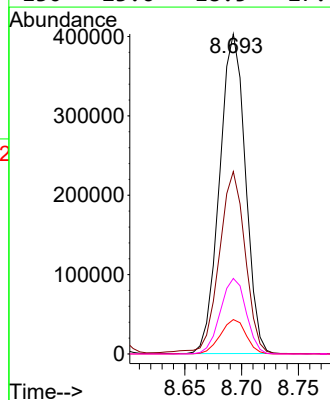
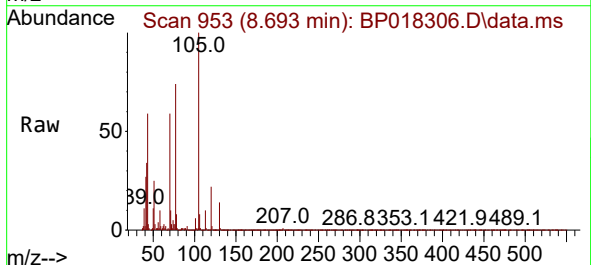
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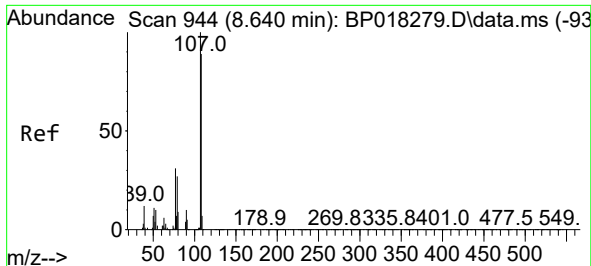
Tgt Ion:105 Resp: 1322504
Ion Ratio Lower Upper
105 100
77 72.4 59.5 89.3
51 24.5 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 24.653 ng/ul
RT: 8.693 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion: 70 Resp: 637949
Ion Ratio Lower Upper
70 100
42 57.0 46.8 70.2
101 10.8 8.4 12.6
130 23.6 18.5 27.7

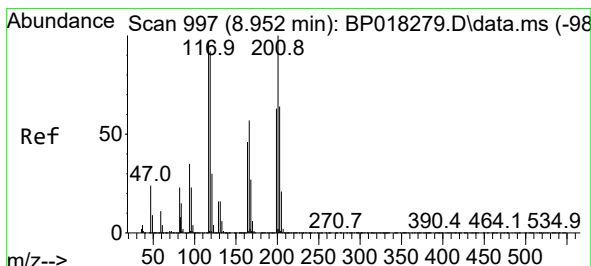
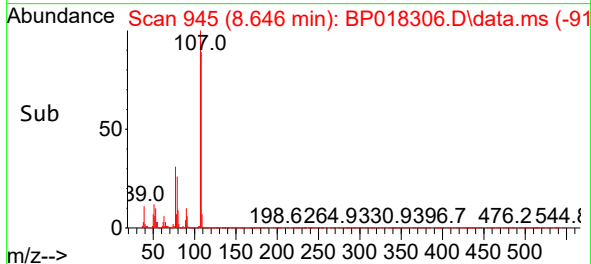
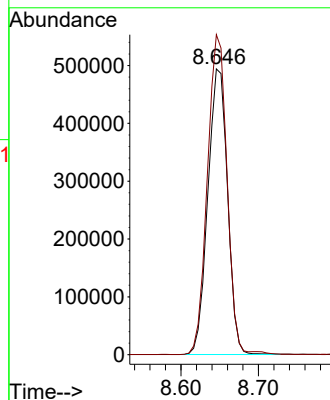
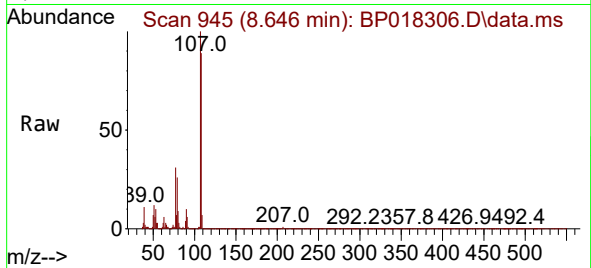




#18
4-Methylphenol
Concen: 28.541 ng/ul
RT: 8.646 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

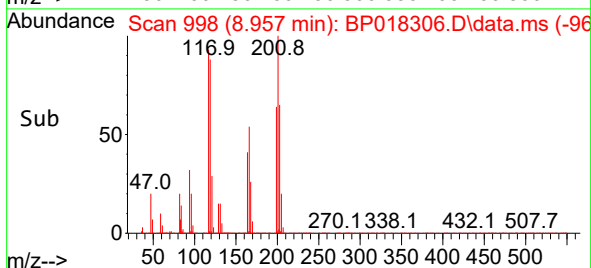
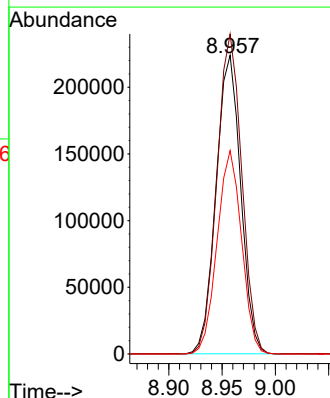
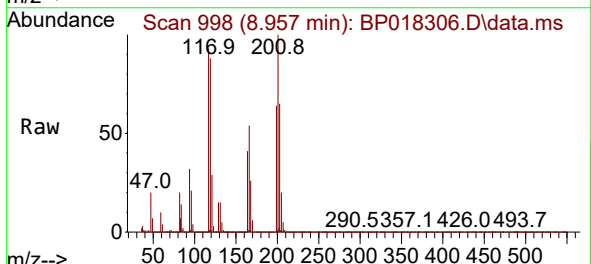
Instrument :
BNA_P
ClientSampleId :
SLCS319

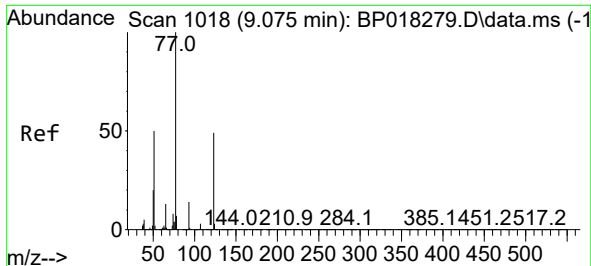
Tgt Ion:108 Resp: 873544
Ion Ratio Lower Upper
108 100
107 112.0 89.5 134.3



#19
Hexachloroethane
Concen: 27.362 ng/ul
RT: 8.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:117 Resp: 361066
Ion Ratio Lower Upper
117 100
201 107.1 85.6 128.4
199 68.1 54.2 81.4

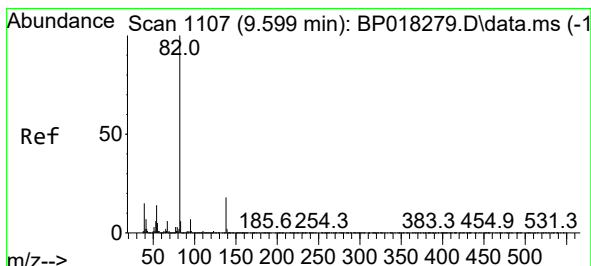
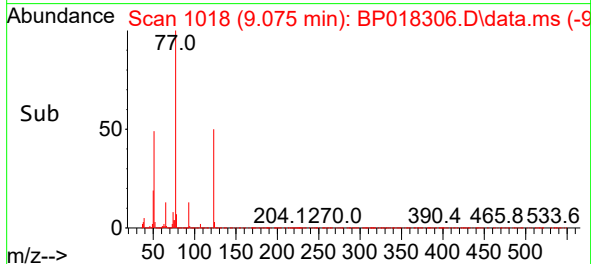
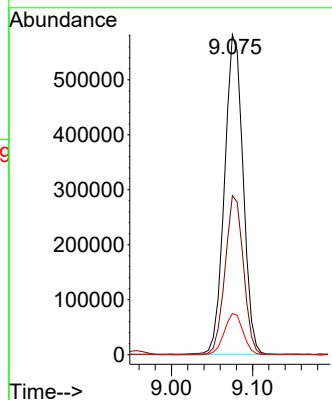
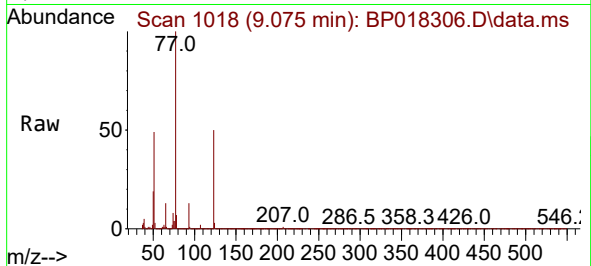




#22
Nitrobenzene
Concen: 28.421 ng/ul
RT: 9.075 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

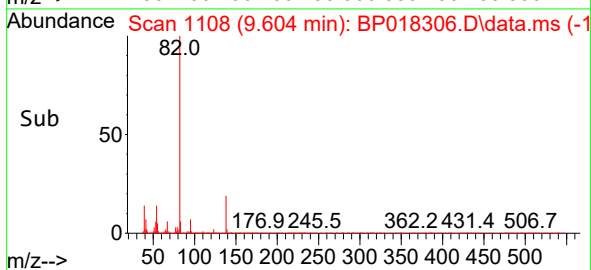
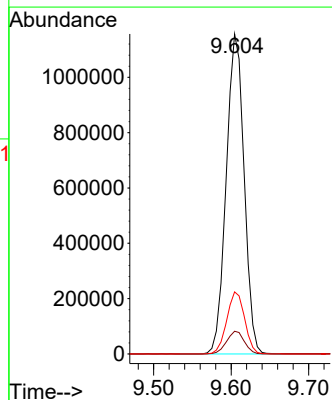
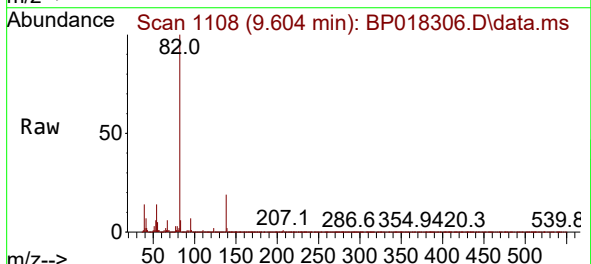
Instrument :
BNA_P
ClientSampleId :
SLCS319

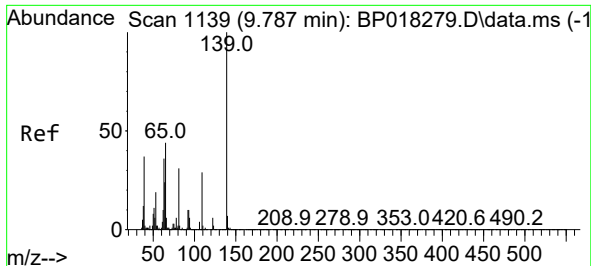
Tgt Ion: 77 Resp: 922867
Ion Ratio Lower Upper
77 100
123 49.7 37.7 56.5
65 12.9 10.5 15.7



#23
Isophorone
Concen: 25.711 ng/ul
RT: 9.604 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion: 82 Resp: 1860774
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 19.4 14.9 22.3

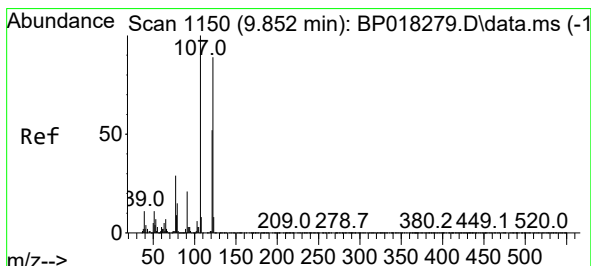
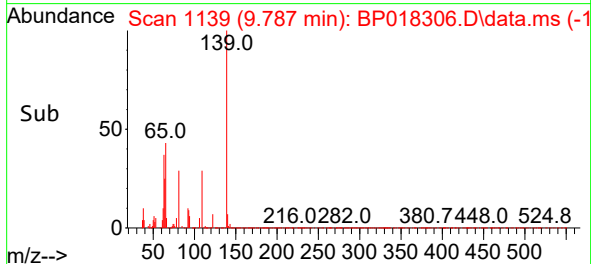
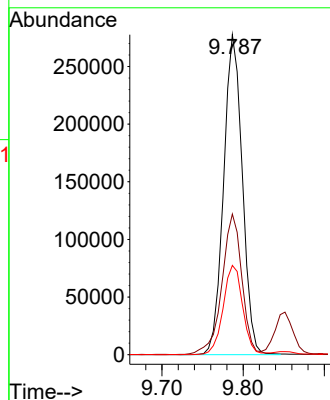
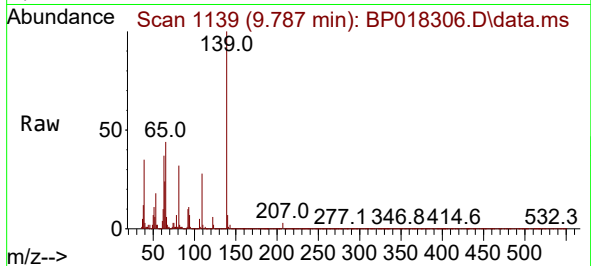




#25
2-Nitrophenol
Concen: 30.903 ng/ul
RT: 9.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

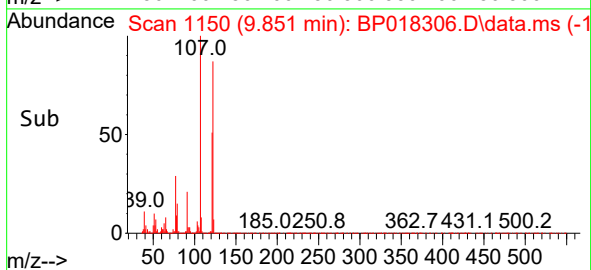
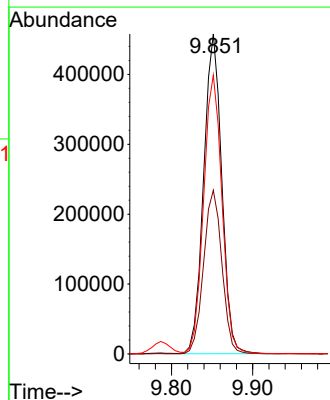
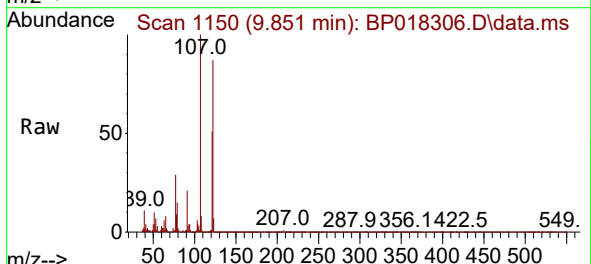
Instrument :
BNA_P
ClientSampleId :
SLCS319

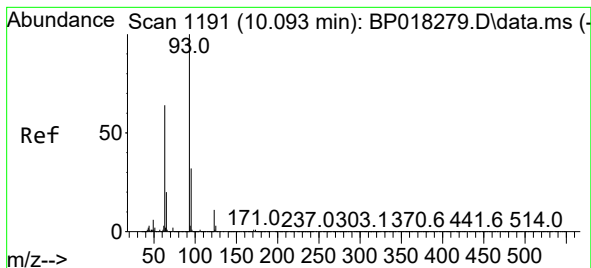
Tgt Ion:139 Resp: 445059
Ion Ratio Lower Upper
139 100
65 44.0 38.3 57.5
109 27.9 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 21.877 ng/ul
RT: 9.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:107 Resp: 707398
Ion Ratio Lower Upper
107 100
121 51.1 40.0 60.0
122 87.2 70.4 105.6

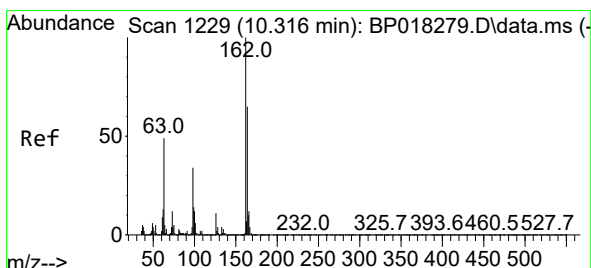
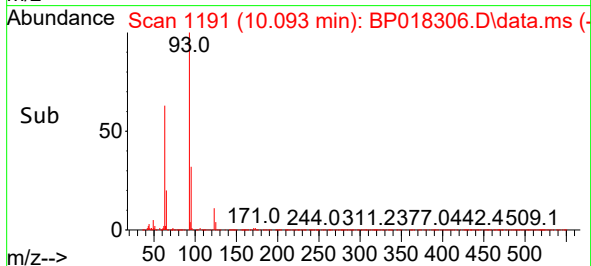
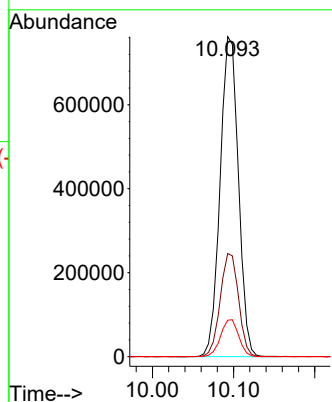
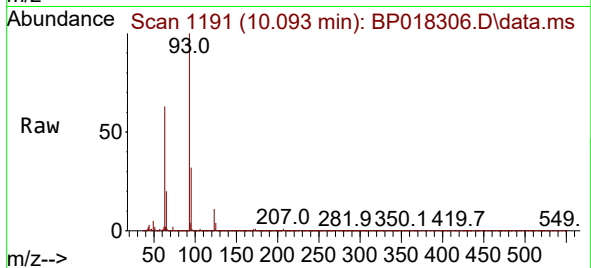




#27
Bis(2-Chloroethoxy)methane
Concen: 27.334 ng/ul
RT: 10.093 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

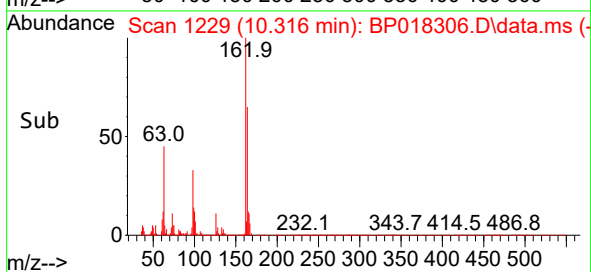
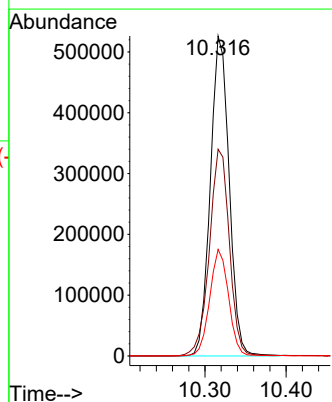
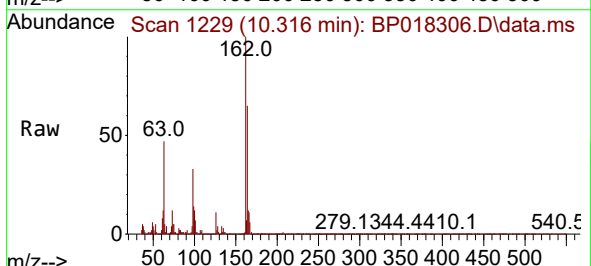
Instrument :
BNA_P
ClientSampleId :
SLCS319

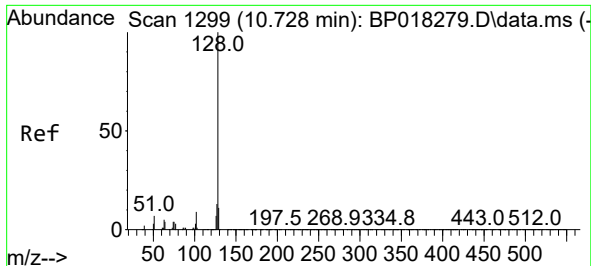
Tgt Ion: 93 Resp: 1194729
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 11.4 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 28.618 ng/ul
RT: 10.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:162 Resp: 846546
Ion Ratio Lower Upper
162 100
164 64.6 53.0 79.6
98 33.3 27.7 41.5

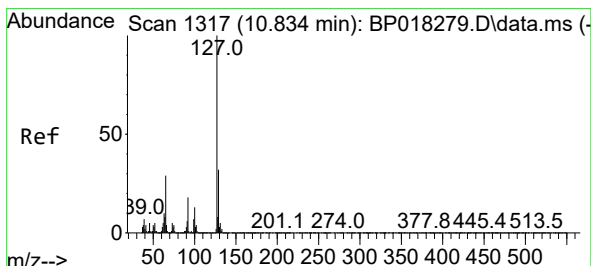
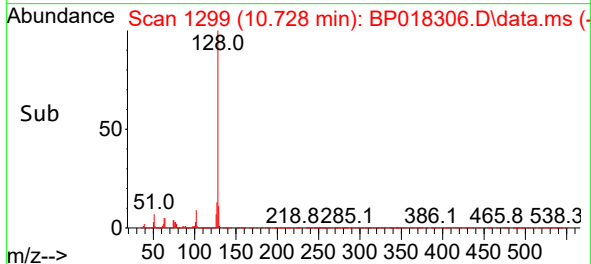
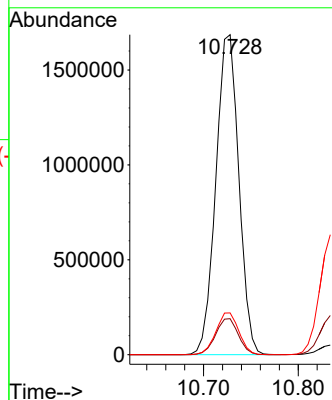
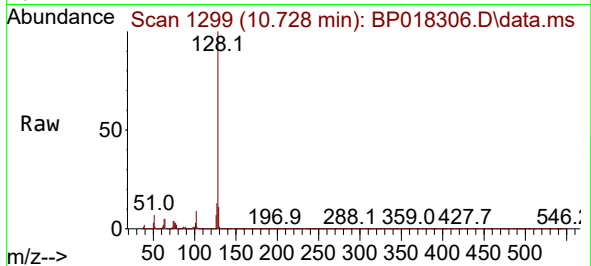




#30
Naphthalene
Concen: 27.542 ng/ul
RT: 10.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

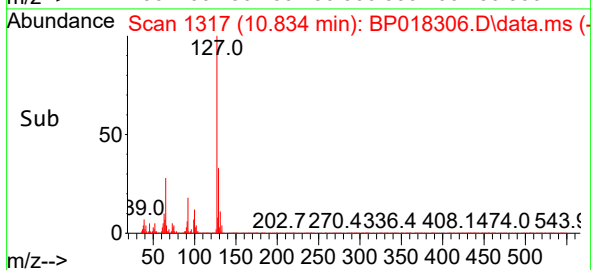
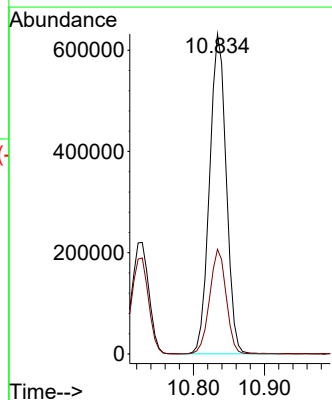
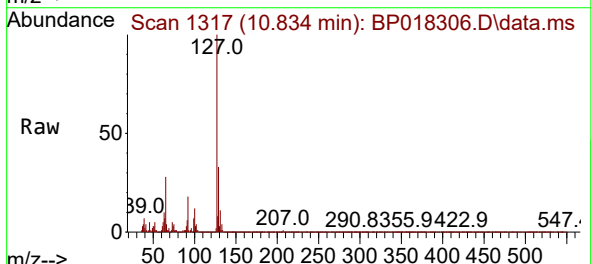
Instrument :
BNA_P
ClientSampleId :
SLCS319

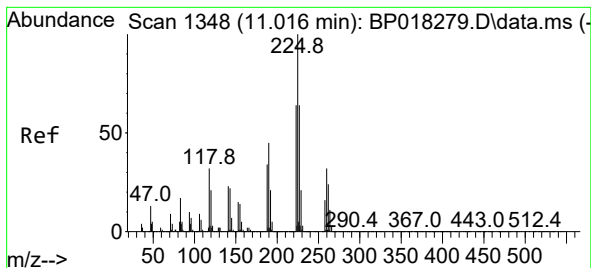
Tgt Ion:128 Resp: 2842536
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 26.193 ng/ul
RT: 10.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:127 Resp: 1029493
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8

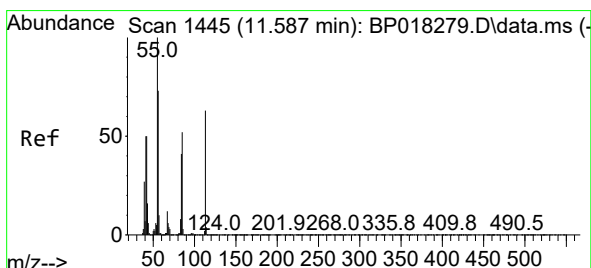
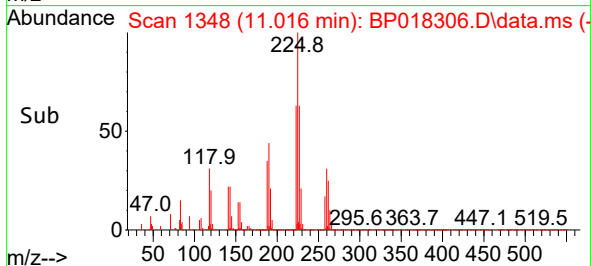
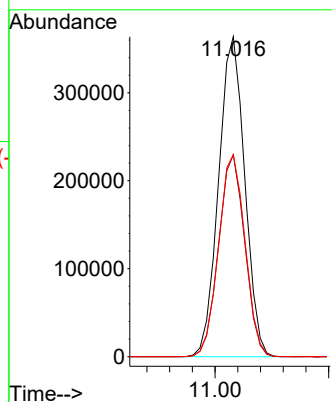
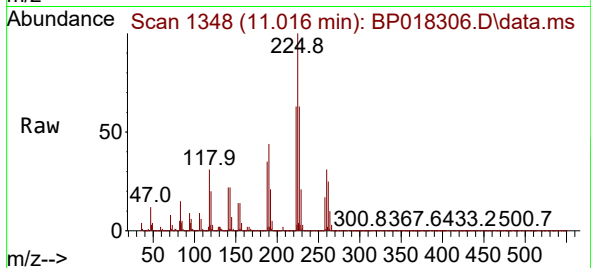




#33
Hexachlorobutadiene
Concen: 28.805 ng/ul
RT: 11.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

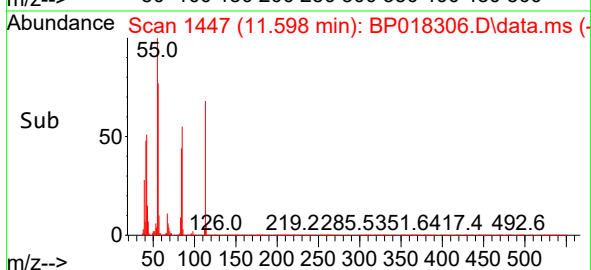
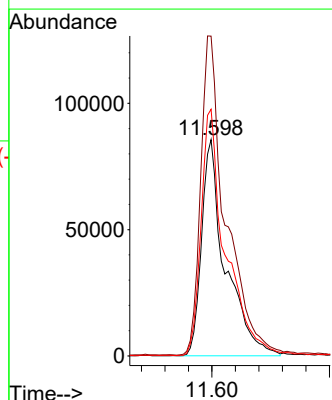
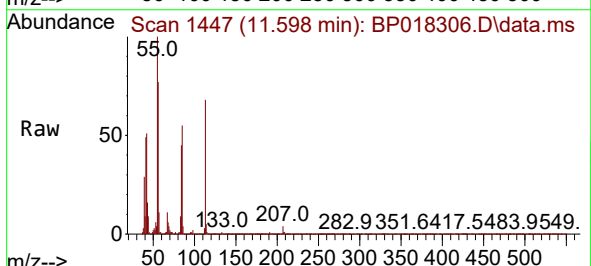
Instrument :
BNA_P
ClientSampleId :
SLCS319

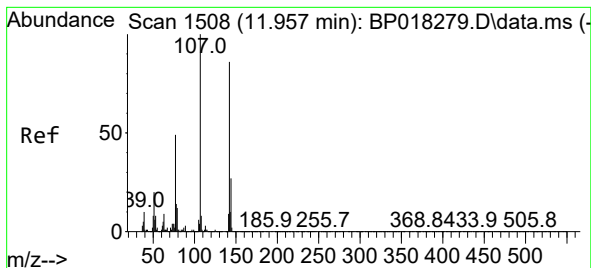
Tgt Ion:225 Resp: 581154
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.4
227 63.2 50.4 75.6



#34
Caprolactam
Concen: 28.290 ng/ul
RT: 11.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:113 Resp: 241160
Ion Ratio Lower Upper
113 100
55 147.9 129.0 193.4
56 114.1 94.8 142.2

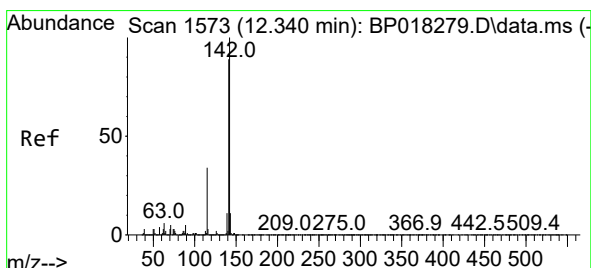
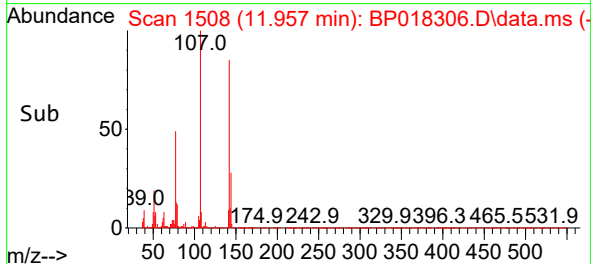
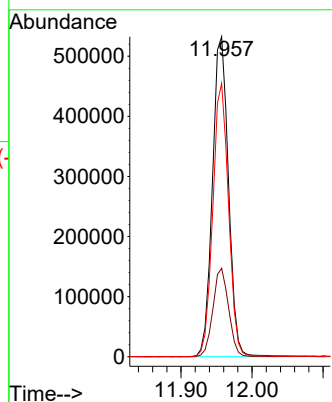
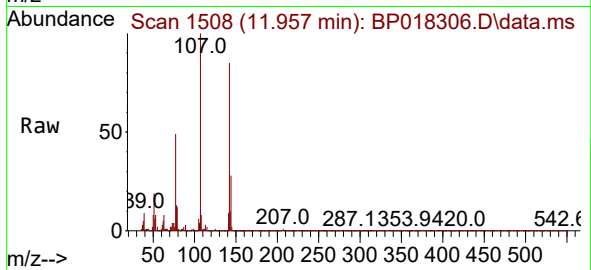




#35
4-Chloro-3-methylphenol
Concen: 26.294 ng/ul
RT: 11.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

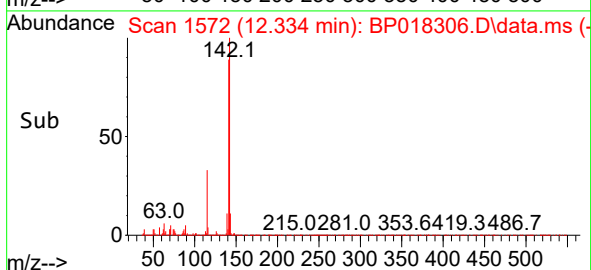
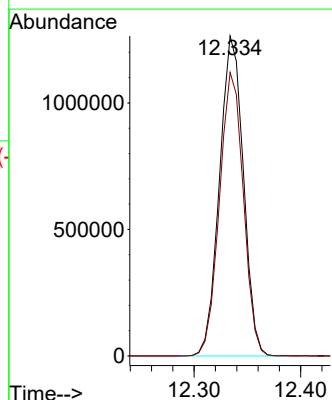
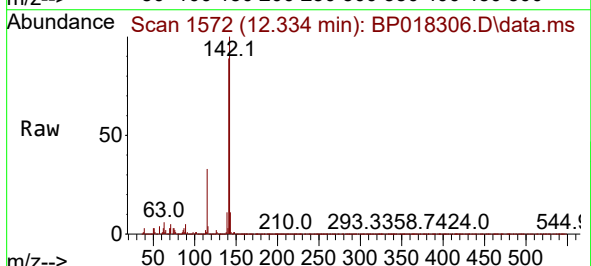
Instrument :
BNA_P
ClientSampleId :
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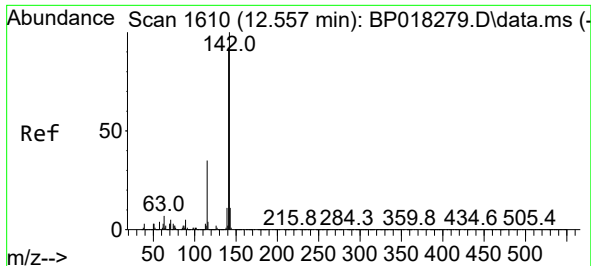
Tgt Ion:107 Resp: 831631
Ion Ratio Lower Upper
107 100
144 27.6 21.6 32.4
142 85.4 65.4 98.0



#36
2-Methylnaphthalene
Concen: 26.920 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:142 Resp: 1966306
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4





#37

1-Methylnaphthalene

Concen: 26.100 ng/ul

RT: 12.551 min Scan# 1609

Delta R.T. -0.012 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

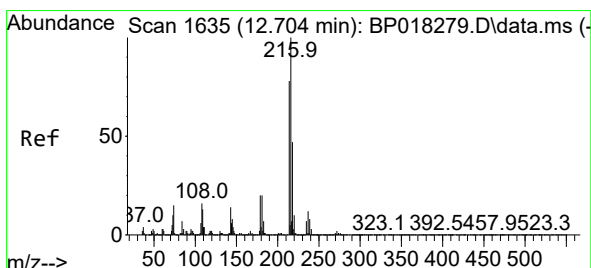
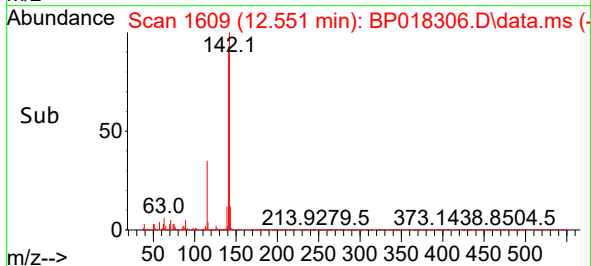
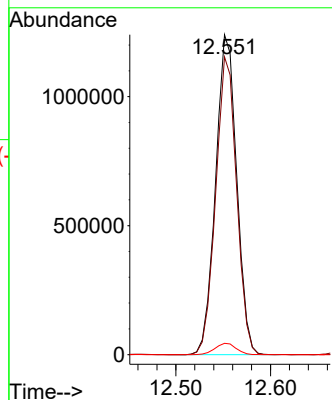
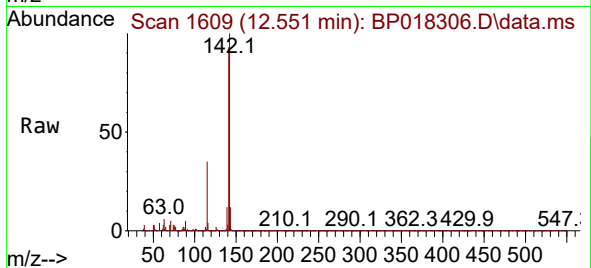
Tgt Ion:142 Resp: 1918912

Ion Ratio Lower Upper

142 100

141 93.1 73.9 110.9

116 3.5 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.953 ng/ul

RT: 12.698 min Scan# 1634

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Tgt Ion:216 Resp: 1077653

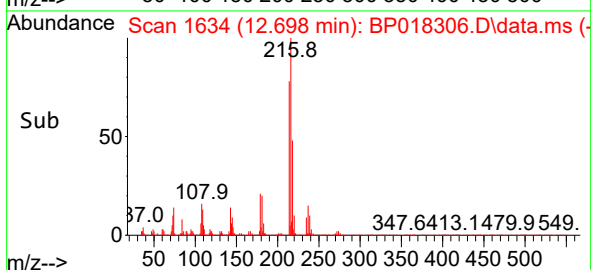
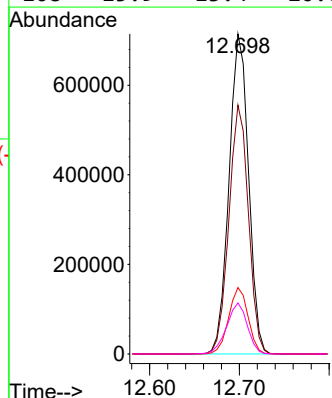
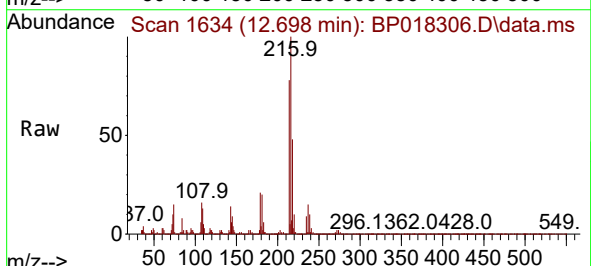
Ion Ratio Lower Upper

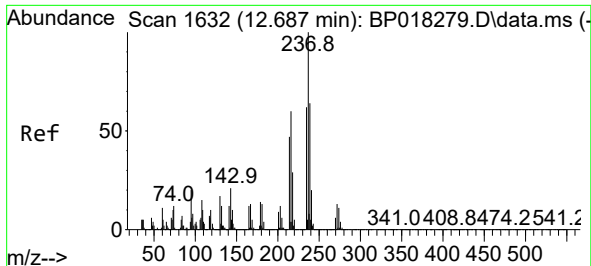
216 100

214 77.8 63.3 94.9

179 20.7 17.3 25.9

108 15.9 13.4 20.0

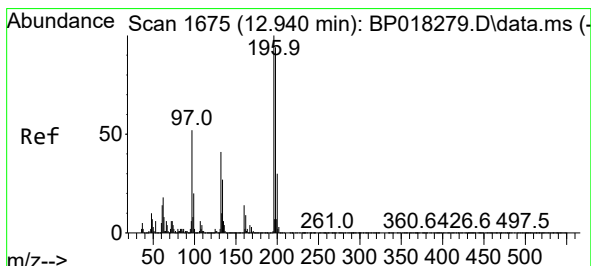
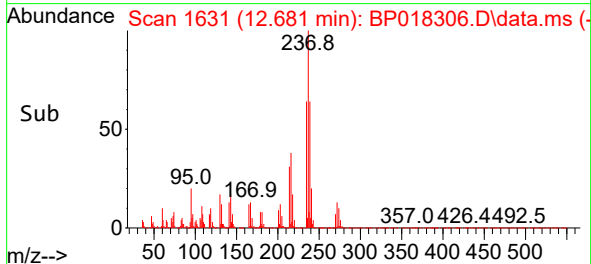
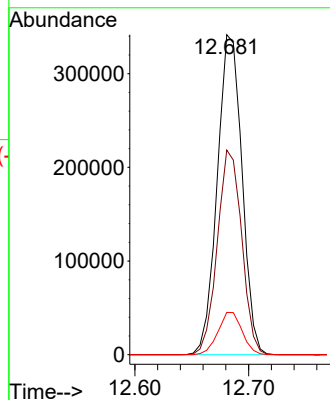
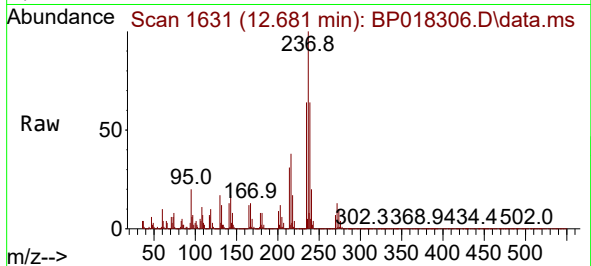




#40
Hexachlorocyclopentadiene
Concen: 26.243 ng/ul
RT: 12.681 min Scan# 1631
Delta R.T. -0.012 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

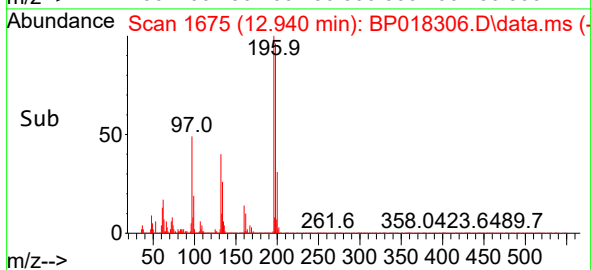
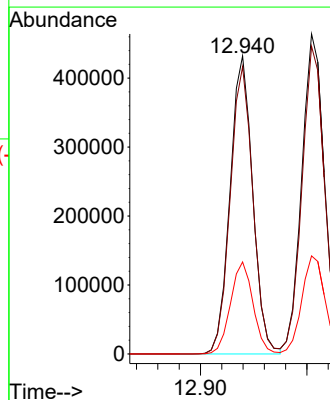
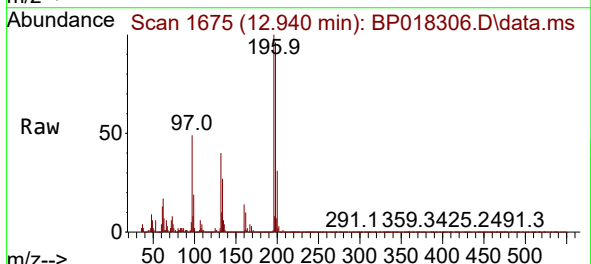
Instrument :
BNA_P
ClientSampleId :
SLCS319

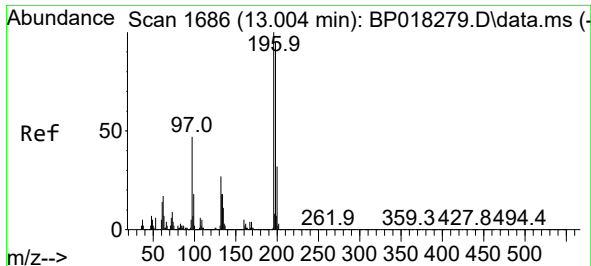
Tgt Ion:237 Resp: 517464
Ion Ratio Lower Upper
237 100
235 63.9 50.7 76.1
272 13.2 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 30.531 ng/ul
RT: 12.940 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:196 Resp: 638353
Ion Ratio Lower Upper
196 100
198 96.3 78.0 117.0
200 30.8 24.6 37.0

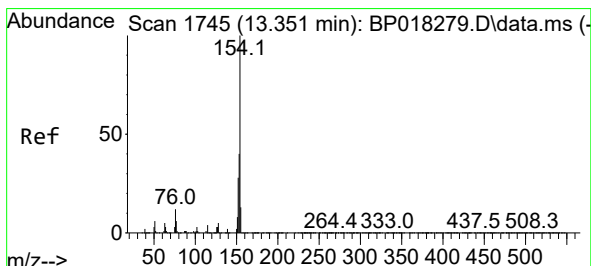
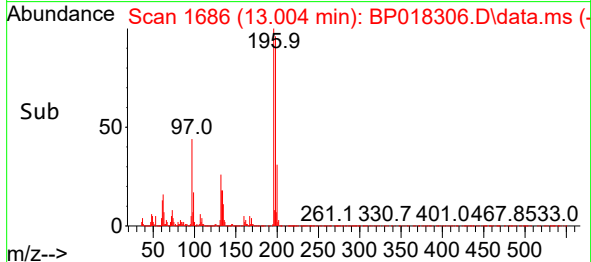
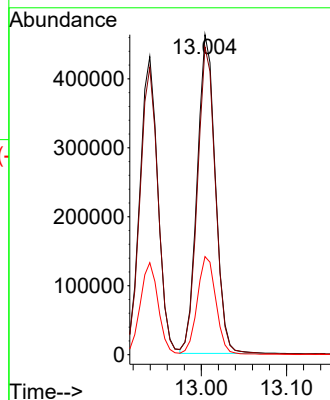
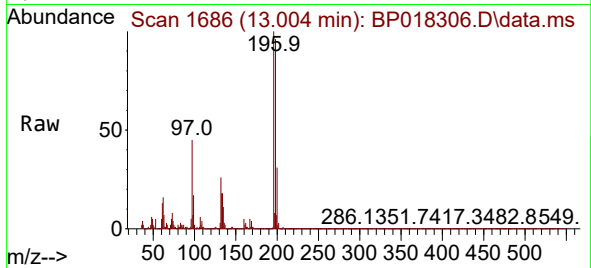




#42
2,4,5-Trichlorophenol
Concen: 30.243 ng/ul
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

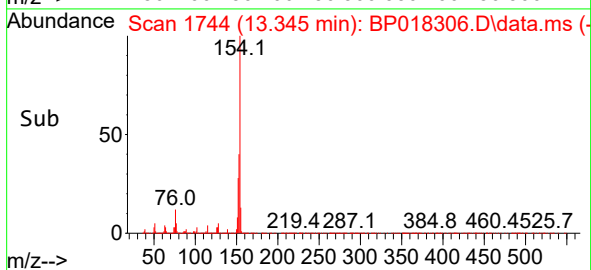
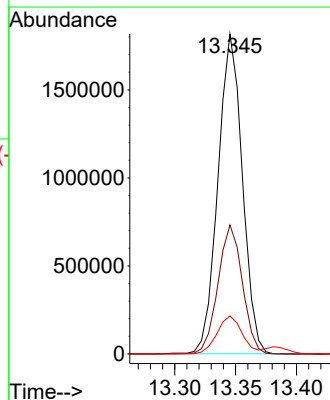
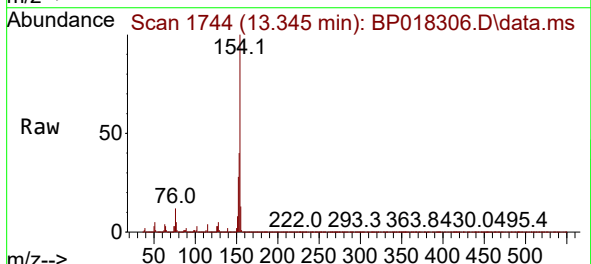
Instrument :
BNA_P
ClientSampleId :
SLCS319

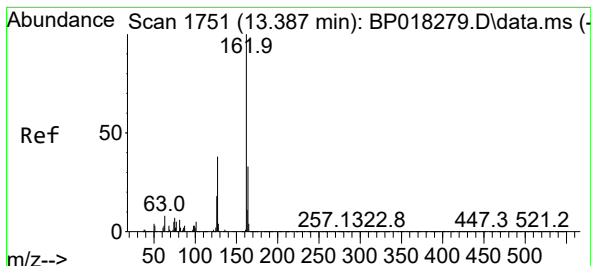
Tgt Ion:196 Resp: 683752
Ion Ratio Lower Upper
196 100
198 96.2 76.7 115.1
200 30.7 24.6 36.8



#43
1,1'-Biphenyl
Concen: 29.440 ng/ul
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:154 Resp: 2528533
Ion Ratio Lower Upper
154 100
153 40.3 32.2 48.2
76 11.9 9.9 14.9

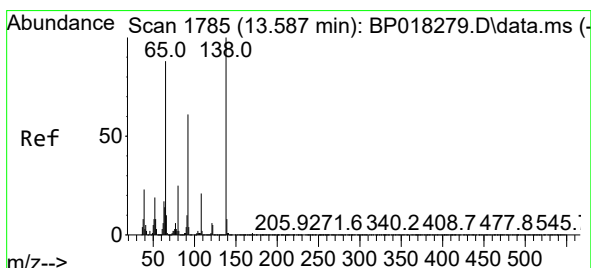
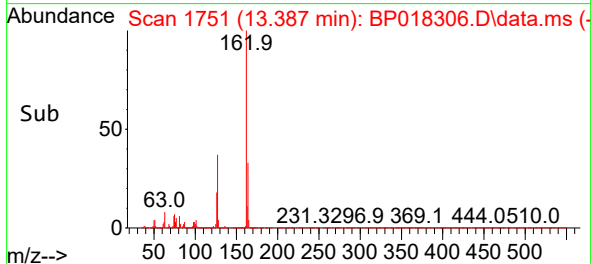
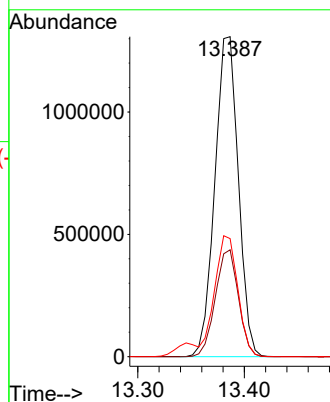
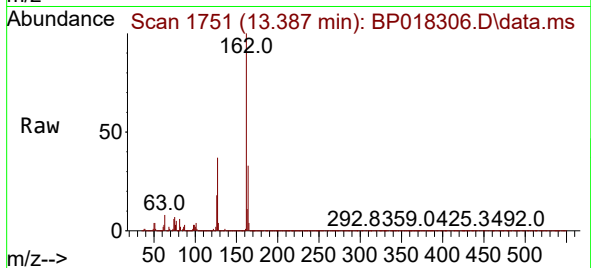




#44
2-Chloronaphthalene
Concen: 29.417 ng/ul
RT: 13.387 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

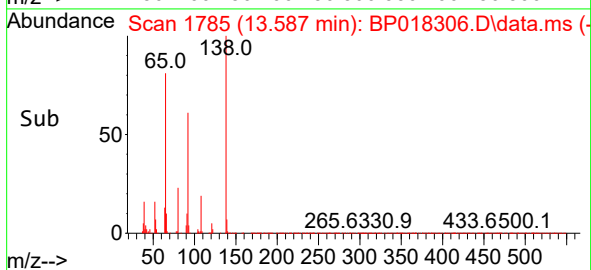
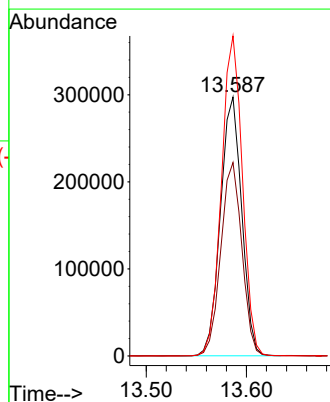
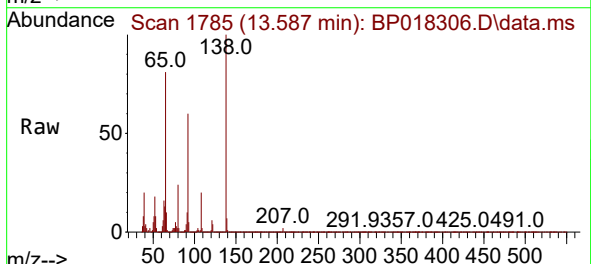
Instrument :
BNA_P
ClientSampleId :
SLCS319

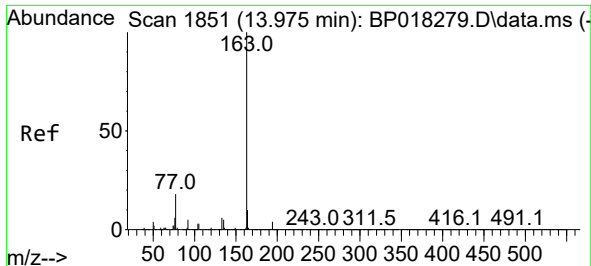
Tgt Ion:162 Resp: 1999730
Ion Ratio Lower Upper
162 100
164 33.4 26.2 39.4
127 36.9 30.6 45.8



#45
2-Nitroaniline
Concen: 29.918 ng/ul
RT: 13.587 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion: 65 Resp: 437612
Ion Ratio Lower Upper
65 100
92 74.8 57.4 86.2
138 123.6 90.6 136.0

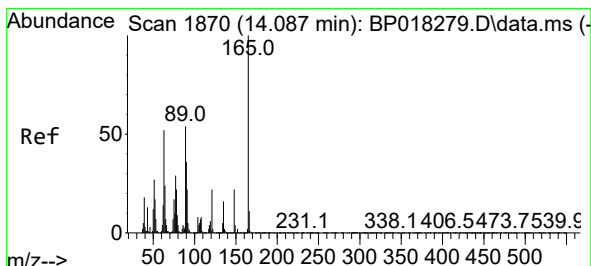
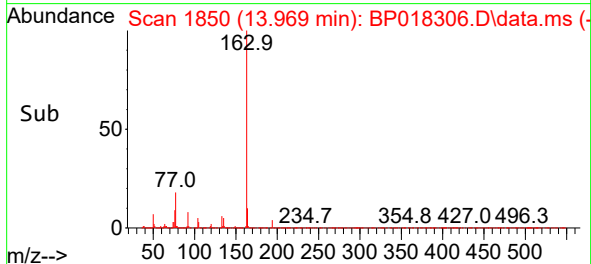
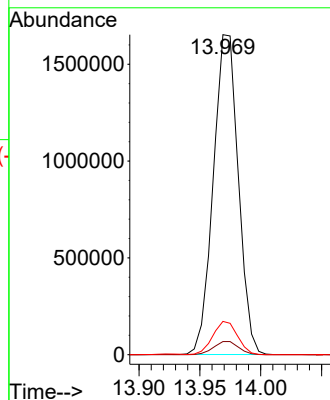
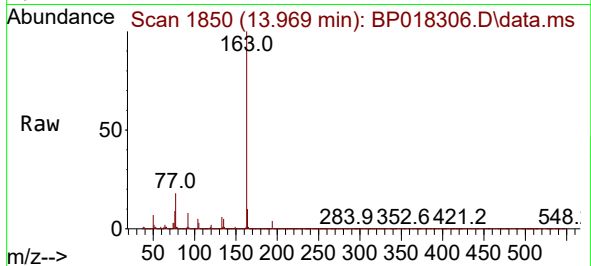




#47
Dimethylphthalate
Concen: 27.533 ng/ul
RT: 13.969 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

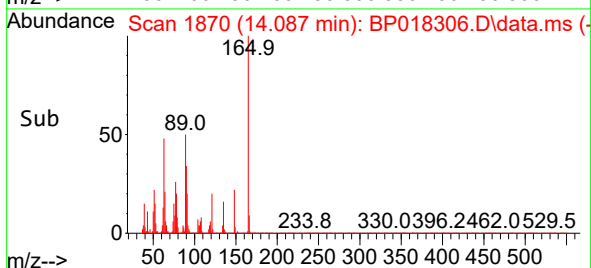
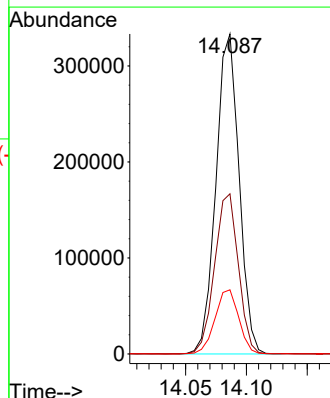
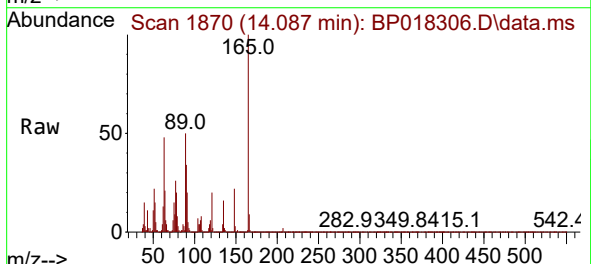
Instrument :
BNA_P
ClientSampleId :
SLCS319

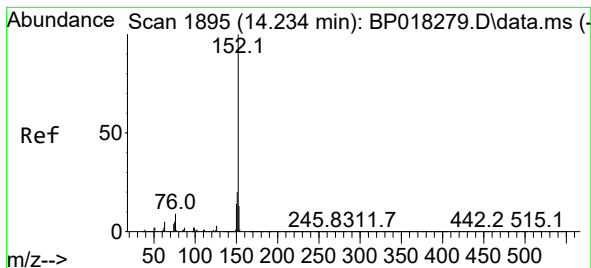
Tgt Ion:163 Resp: 2362979
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 30.492 ng/ul
RT: 14.087 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:165 Resp: 441194
Ion Ratio Lower Upper
165 100
89 50.0 45.8 68.6
121 20.1 17.8 26.8





#50

Acenaphthylene

Concen: 28.458 ng/ul

RT: 14.228 min Scan# 1894

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

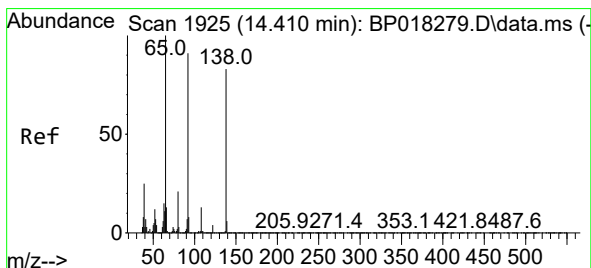
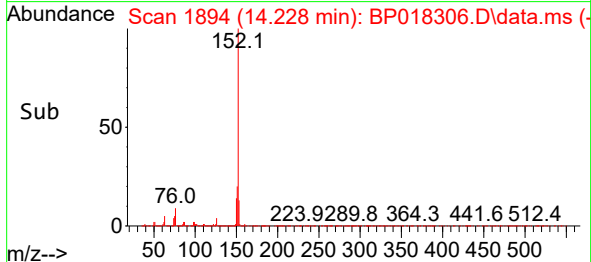
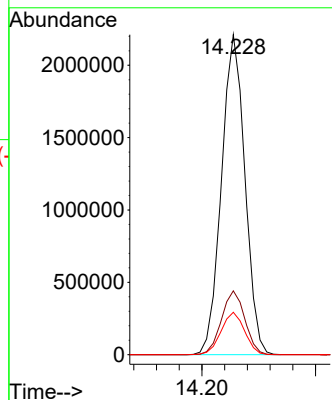
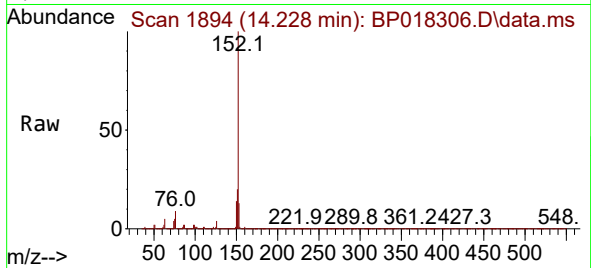
Tgt Ion:152 Resp: 3170421

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 13.2 10.8 16.2



#51

3-Nitroaniline

Concen: 28.655 ng/ul

RT: 14.410 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

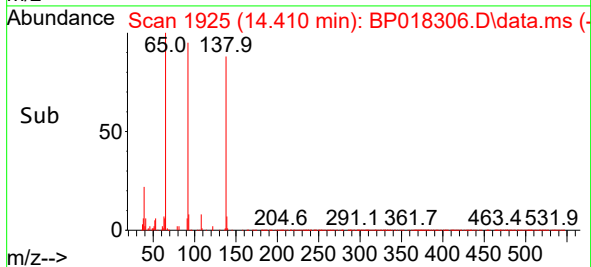
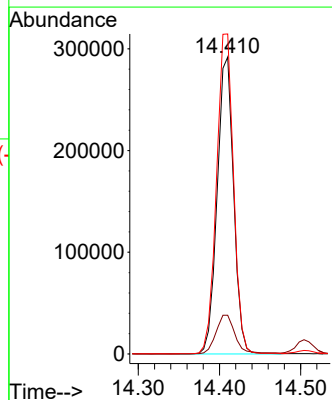
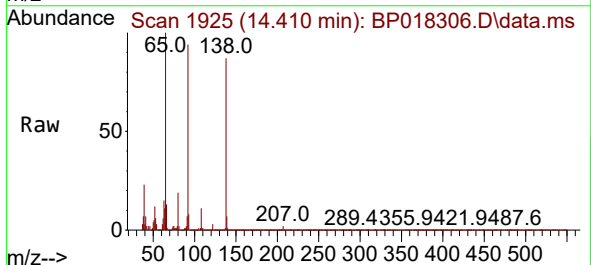
Tgt Ion:138 Resp: 411963

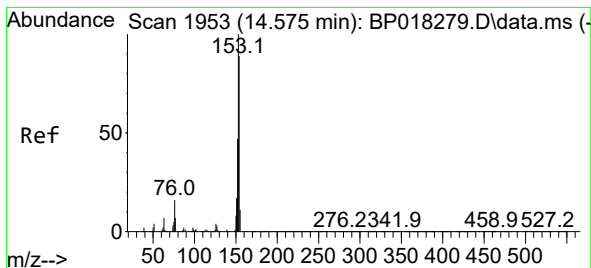
Ion Ratio Lower Upper

138 100

108 13.1 13.2 19.8#

92 107.8 90.2 135.4





#52

Acenaphthene

Concen: 28.312 ng/ul

RT: 14.569 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

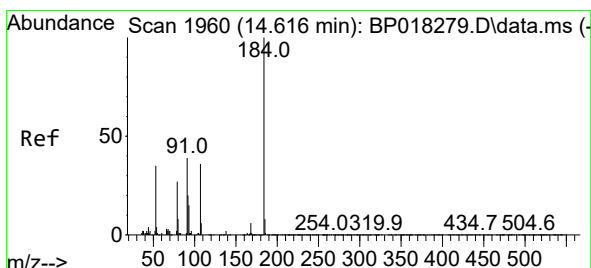
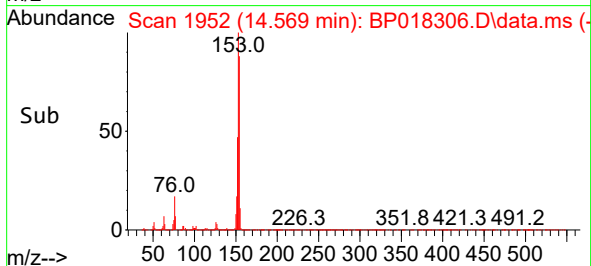
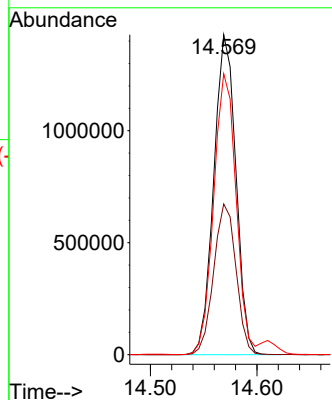
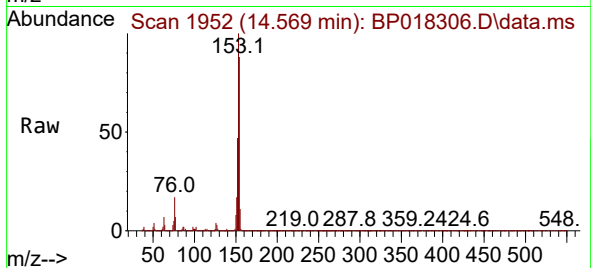
Tgt Ion:153 Resp: 2060425

Ion Ratio Lower Upper

153 100

152 47.1 37.8 56.8

154 87.8 71.2 106.8



#53

2,4-Dinitrophenol

Concen: 27.050 ng/ul

RT: 14.610 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

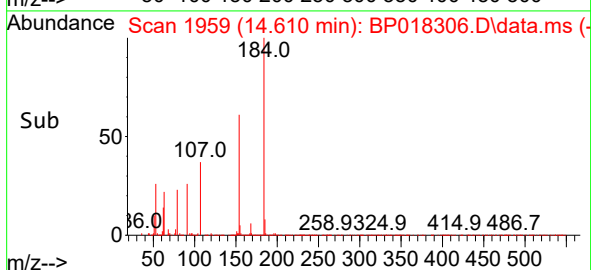
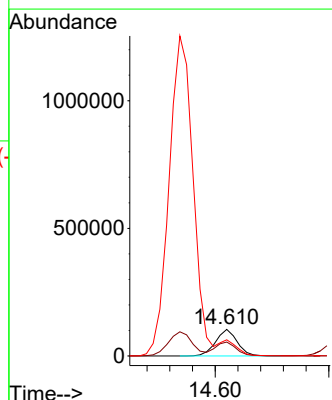
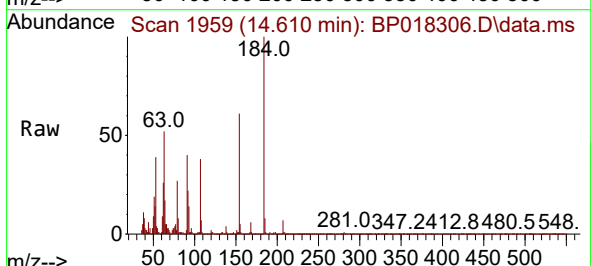
Tgt Ion:184 Resp: 136548

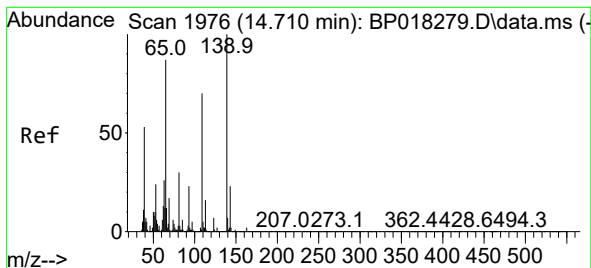
Ion Ratio Lower Upper

184 100

63 52.1 41.8 62.6

154 61.1 47.3 70.9

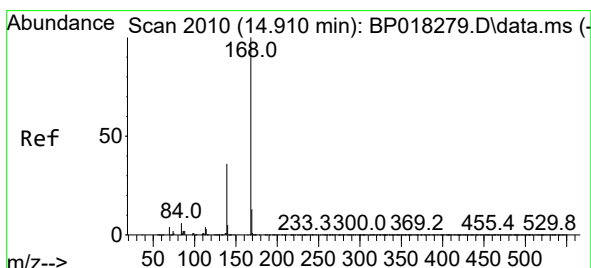
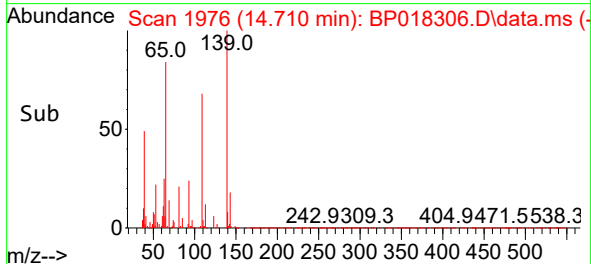
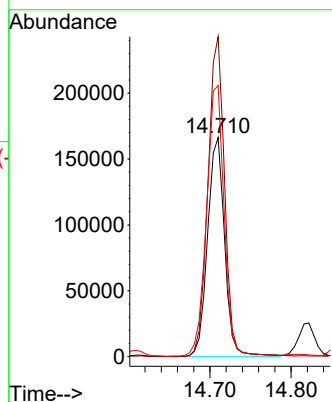
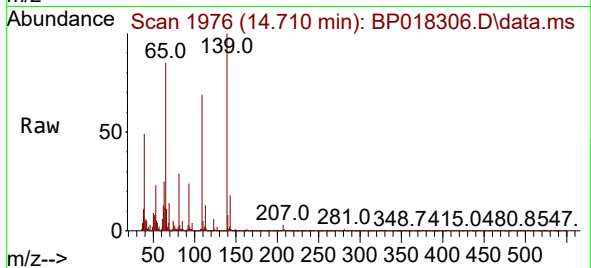




#55
4-Nitrophenol
Concen: 26.949 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

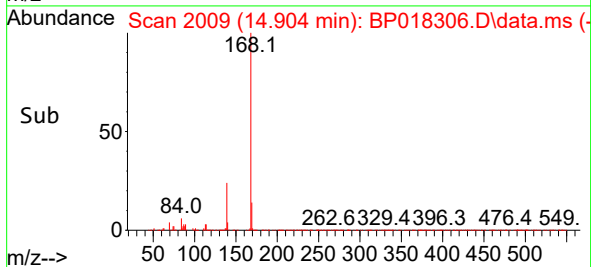
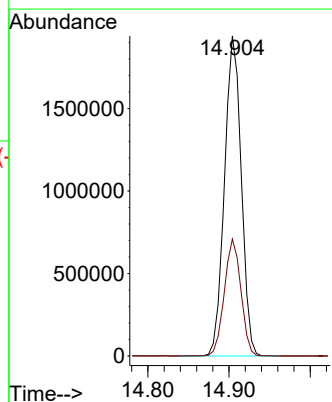
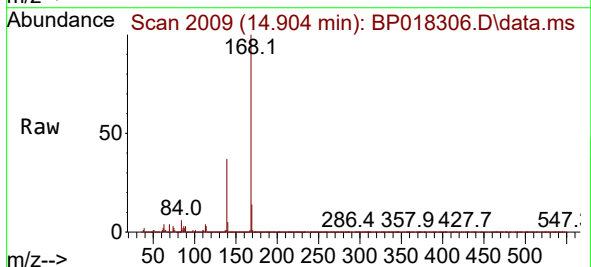
Instrument :
BNA_P
ClientSampleId :
SLCS319

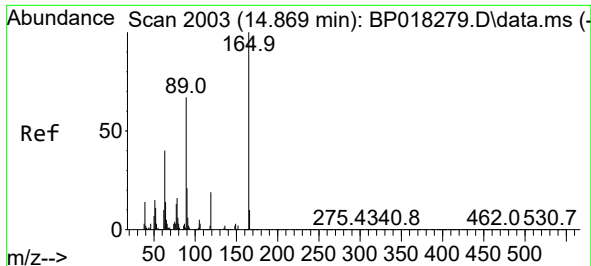
Tgt Ion:109 Resp: 241758
Ion Ratio Lower Upper
109 100
139 146.0 113.0 169.4
65 123.7 99.6 149.4



#56
Dibenzofuran
Concen: 28.029 ng/ul
RT: 14.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:168 Resp: 2788740
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4





#57

2,4-Dinitrotoluene

Concen: 28.951 ng/ul

RT: 14.863 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

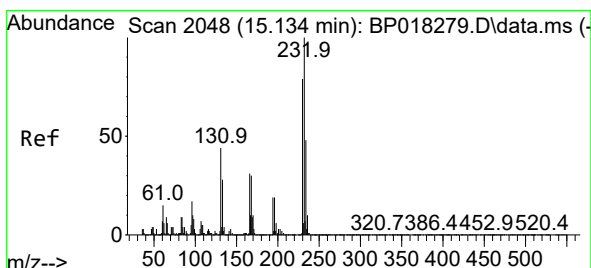
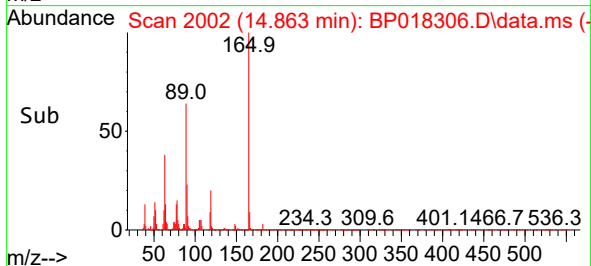
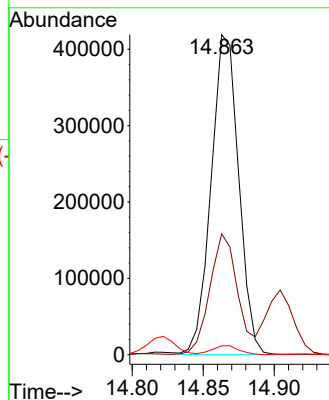
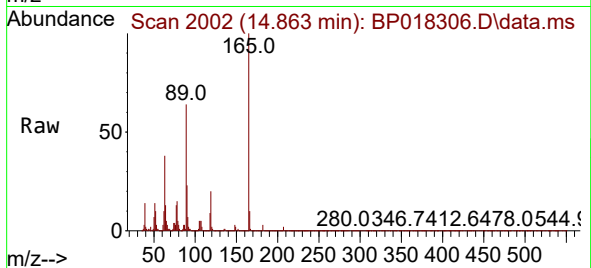
Tgt Ion:165 Resp: 566089

Ion Ratio Lower Upper

165 100

63 37.7 32.1 48.1

182 2.8 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.181 ng/ul

RT: 15.128 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Tgt Ion:232 Resp: 500375

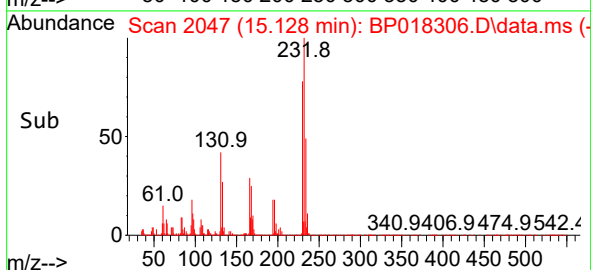
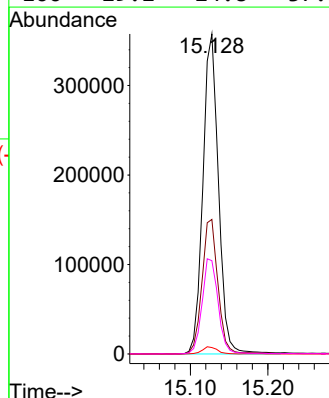
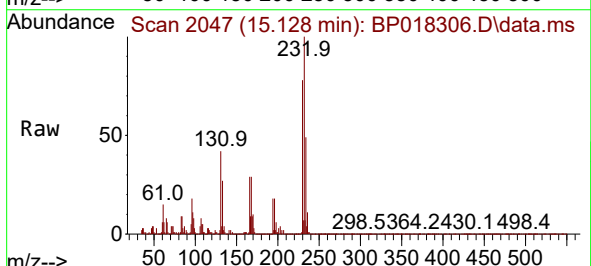
Ion Ratio Lower Upper

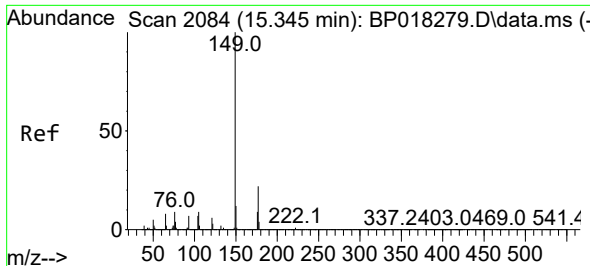
232 100

131 42.1 34.1 51.1

130 2.0 1.8 2.6

166 29.2 24.8 37.2

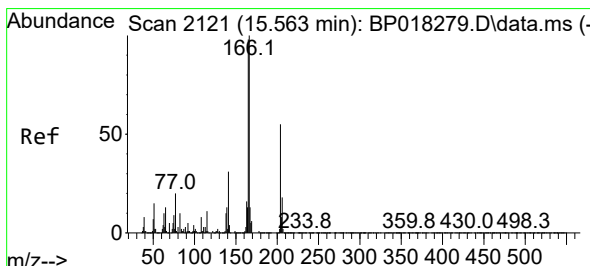
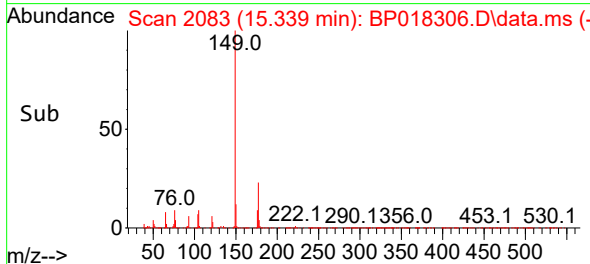
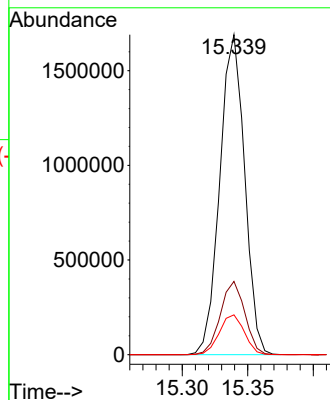
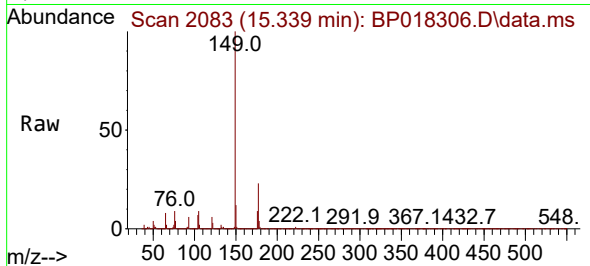




#59
Diethylphthalate
Concen: 25.786 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

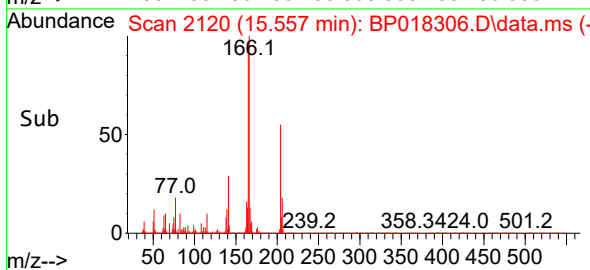
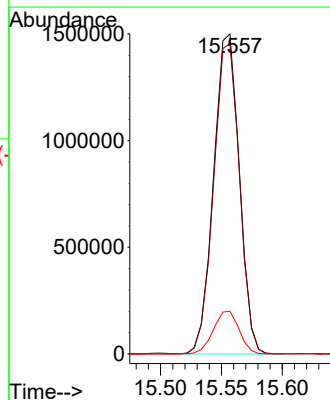
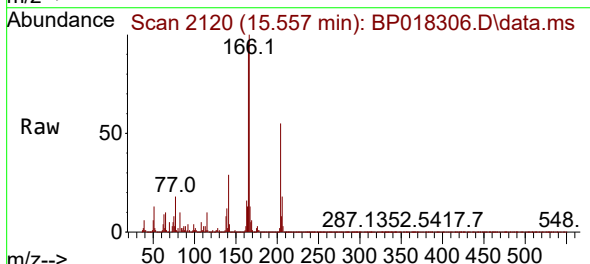
Instrument :
BNA_P
ClientSampleId :
SLCS319

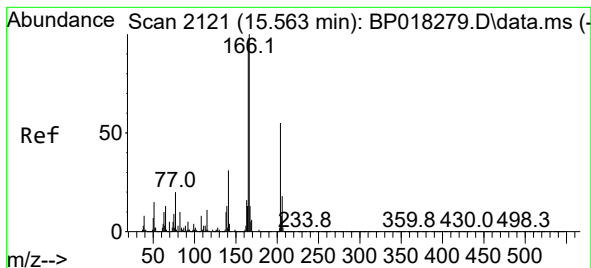
Tgt Ion:149 Resp: 2223073
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.5 10.2 15.2



#61
Fluorene
Concen: 27.160 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:166 Resp: 2203674
Ion Ratio Lower Upper
166 100
165 97.0 77.5 116.3
167 13.4 10.6 16.0

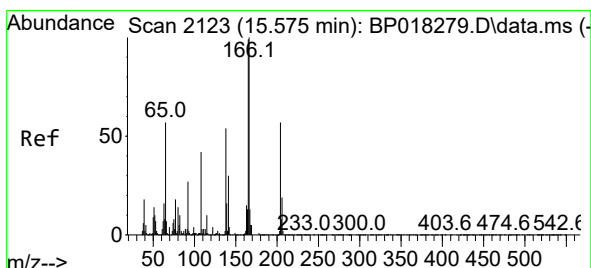
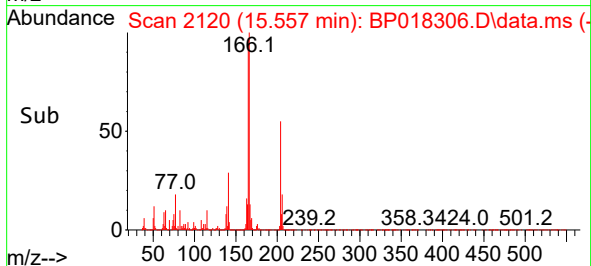
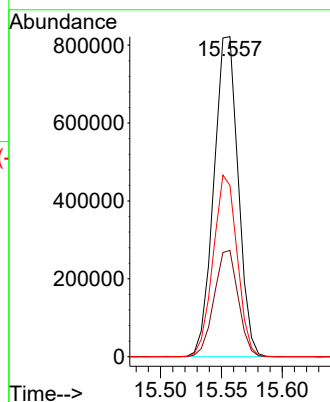
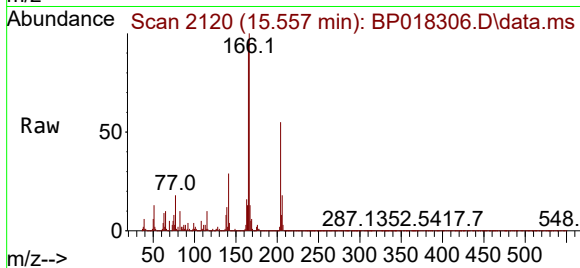




#62
4-Chlorophenyl-phenylether
Concen: 27.753 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

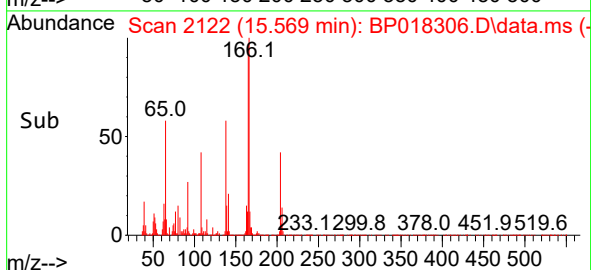
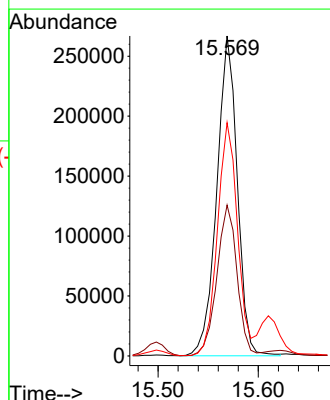
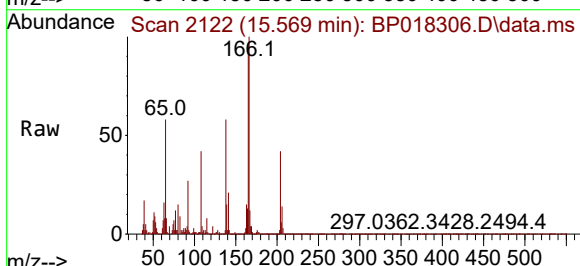
Instrument :
BNA_P
ClientSampleId :
SLCS319

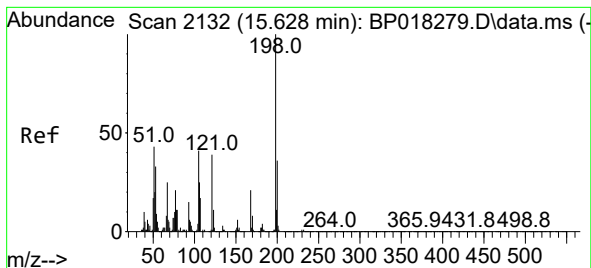
Tgt Ion:204 Resp: 1143447
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 53.5 44.8 67.2



#63
4-Nitroaniline
Concen: 27.918 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:138 Resp: 378783
Ion Ratio Lower Upper
138 100
92 47.2 39.3 58.9
108 72.9 61.8 92.6

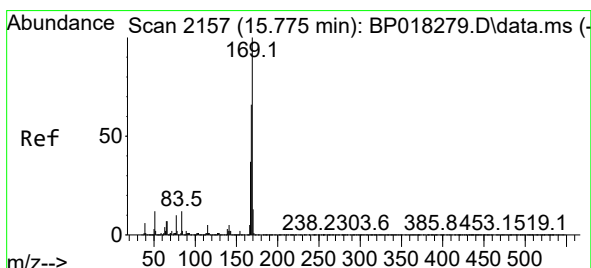
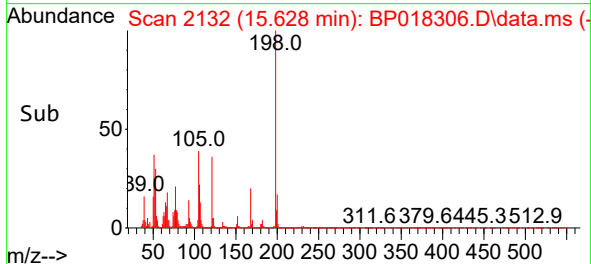
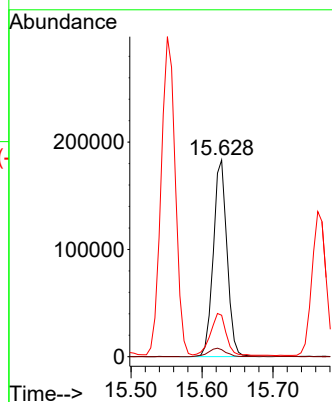
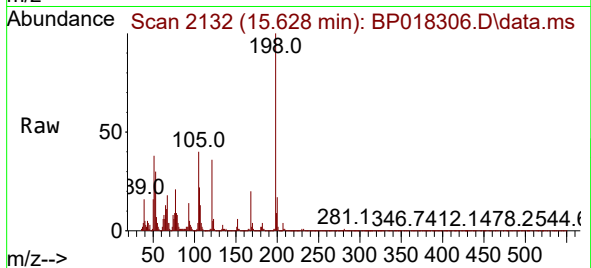




#66
4,6-Dinitro-2-methylphenol
Concen: 30.139 ng/ul
RT: 15.628 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

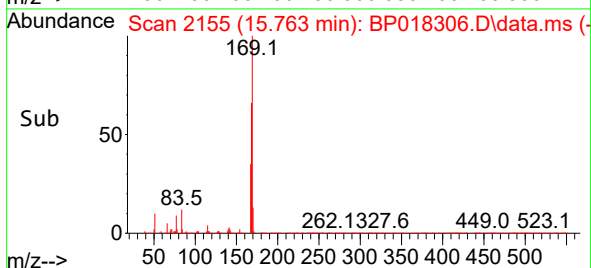
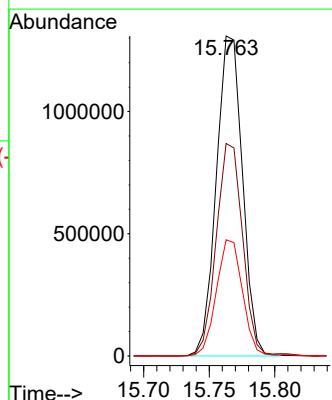
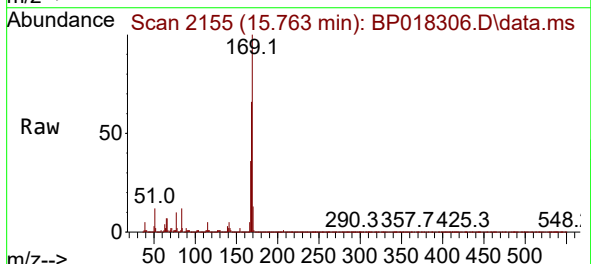
Instrument :
BNA_P
ClientSampleId :
SLCS319

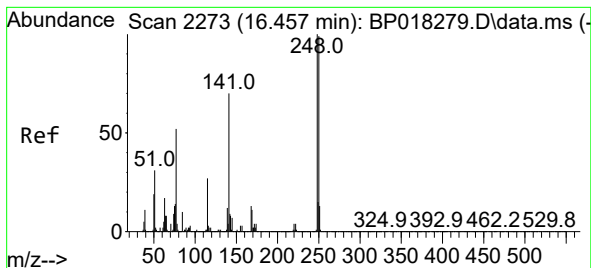
Tgt Ion:198 Resp: 245117
Ion Ratio Lower Upper
198 100
182 3.6 3.0 4.4
77 21.1 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 31.046 ng/ul
RT: 15.763 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BP018306.D
Acq: 23 Nov 2023 09:20

Tgt Ion:169 Resp: 1813508
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.3 28.8 43.2





#68

4-Bromophenyl-phenylether

Concen: 31.254 ng/ul

RT: 16.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

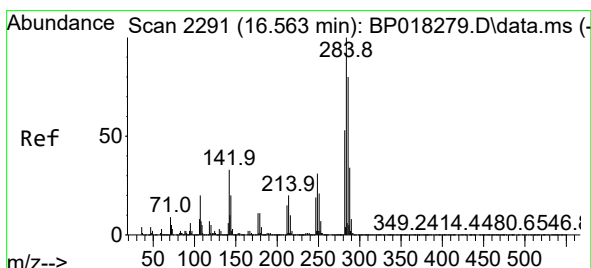
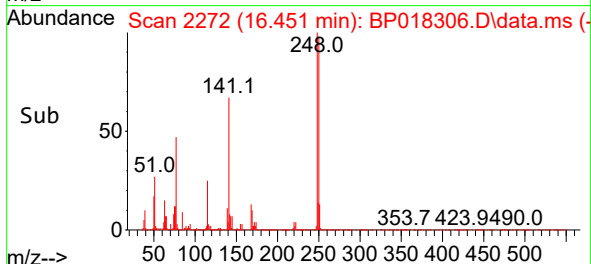
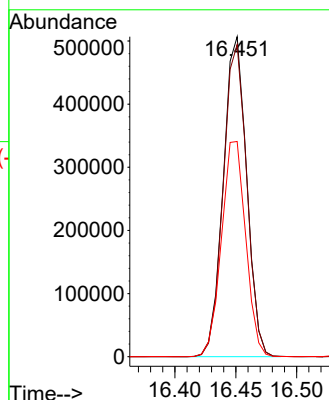
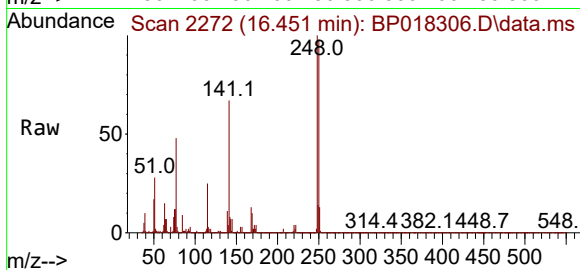
Tgt Ion:248 Resp: 679741

Ion Ratio Lower Upper

248 100

250 97.6 77.4 116.2

141 67.3 56.0 84.0



#69

Hexachlorobenzene

Concen: 30.685 ng/ul

RT: 16.557 min Scan# 2290

Delta R.T. -0.000 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

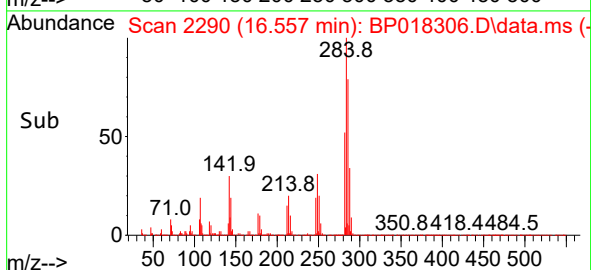
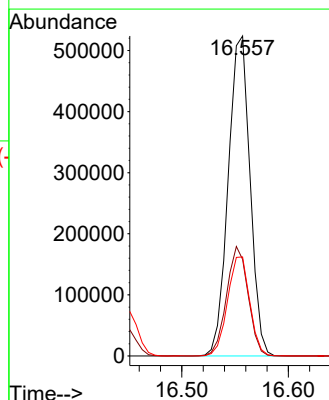
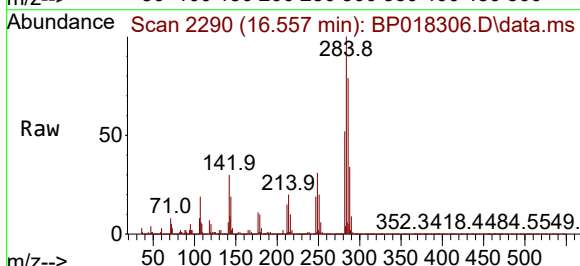
Tgt Ion:284 Resp: 746059

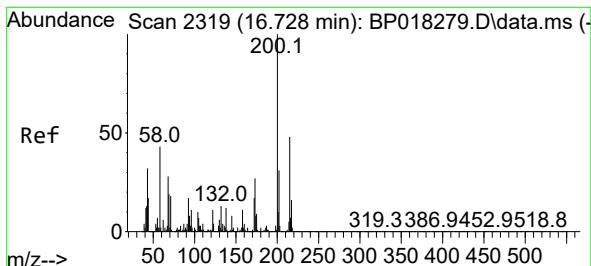
Ion Ratio Lower Upper

284 100

142 30.2 28.9 43.3

249 31.0 26.0 39.0





#70

Atrazine

Concen: 27.908 ng/ul

RT: 16.722 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

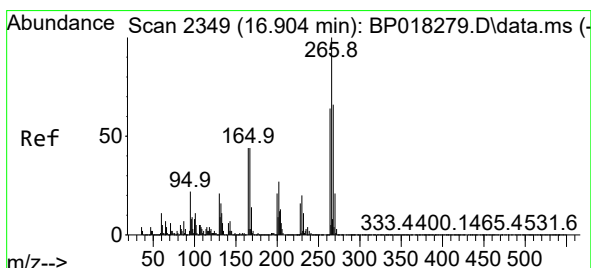
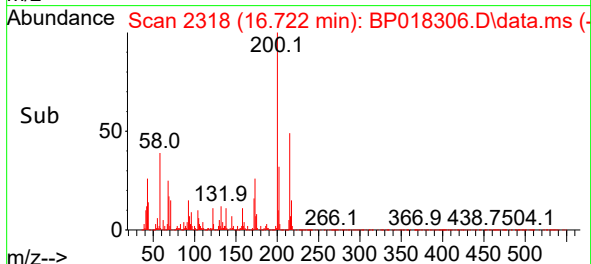
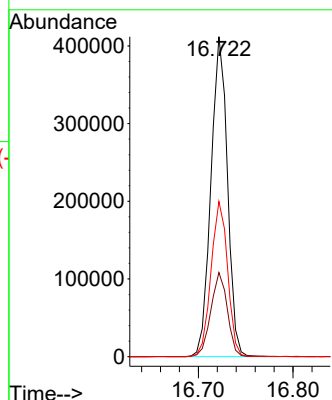
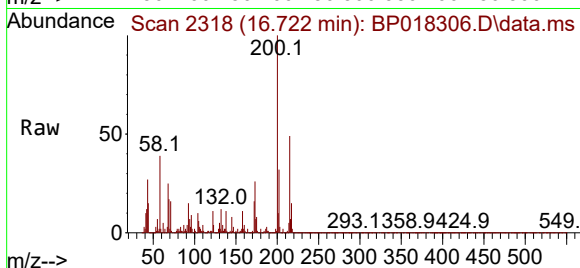
Tgt Ion:200 Resp: 497674

Ion Ratio Lower Upper

200 100

173 26.3 21.1 31.7

215 48.5 38.3 57.5



#71

Pentachlorophenol

Concen: 28.327 ng/ul

RT: 16.898 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

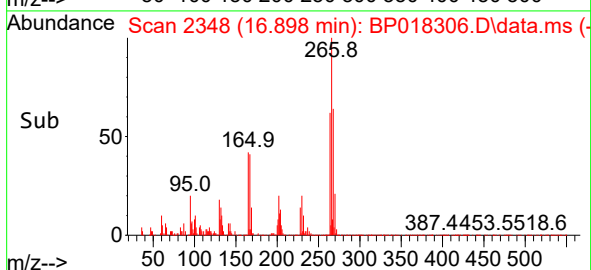
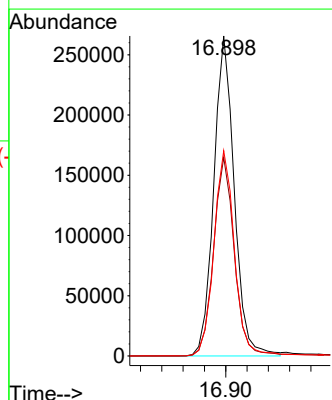
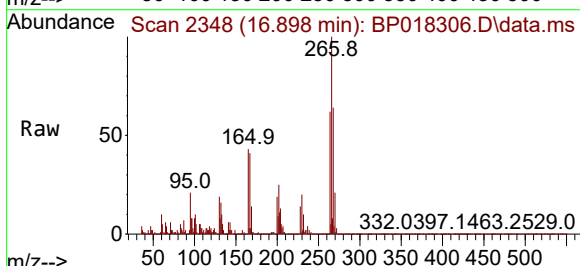
Tgt Ion:266 Resp: 353885

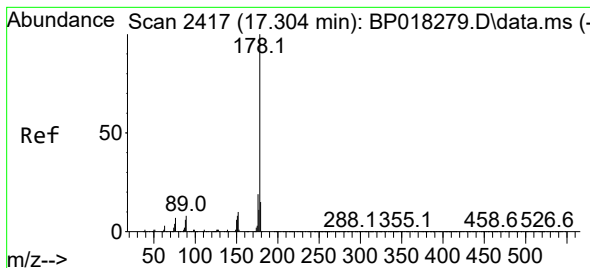
Ion Ratio Lower Upper

266 100

264 62.0 50.1 75.1

268 64.2 50.1 75.1





#72

Phenanthrene

Concen: 29.347 ng/ul

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

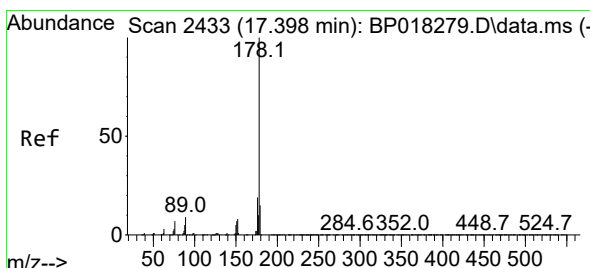
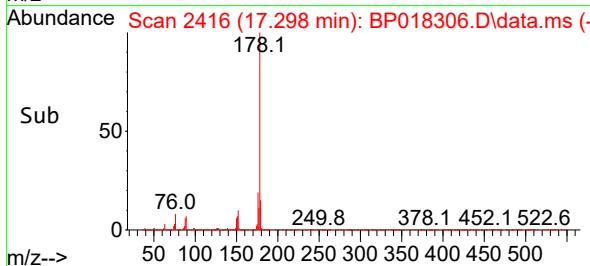
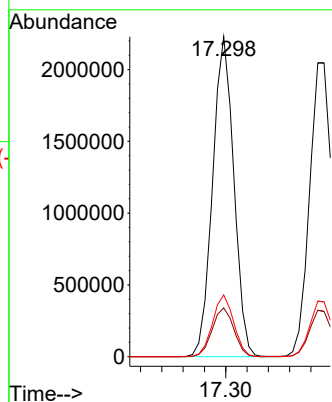
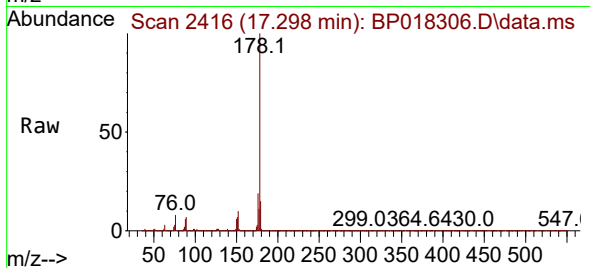
Tgt Ion:178 Resp: 3074848

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.3 15.1 22.7



#74

Anthracene

Concen: 28.375 ng/ul

RT: 17.392 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

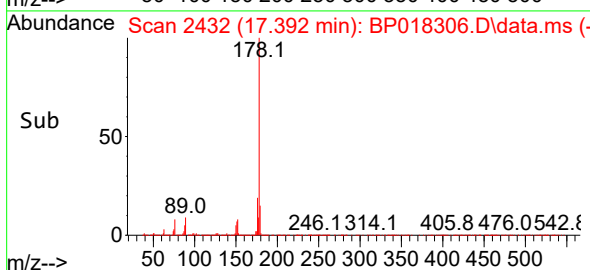
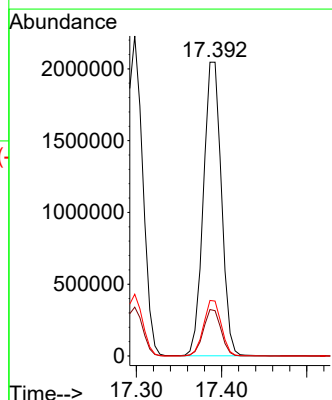
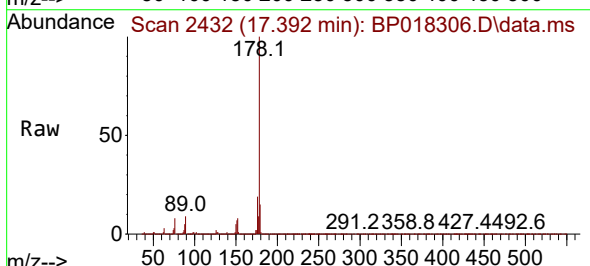
Tgt Ion:178 Resp: 3000986

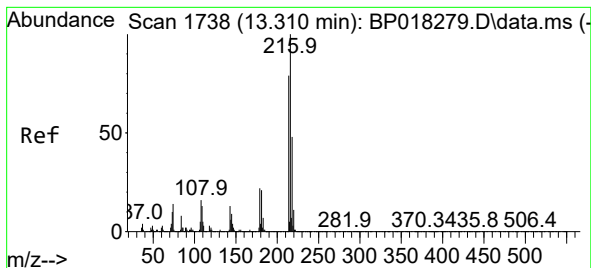
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.7 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.917 ng/uL

RT: 13.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

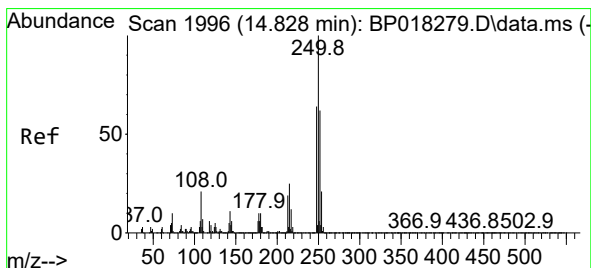
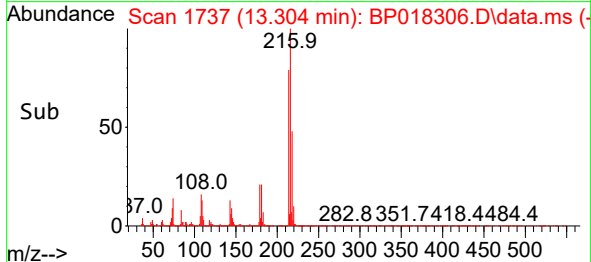
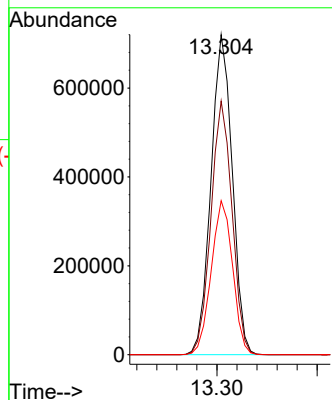
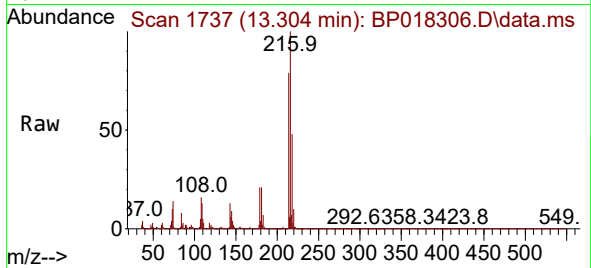
Tgt Ion:216 Resp: 1063455

Ion Ratio Lower Upper

216 100

214 79.2 62.0 93.0

218 48.1 38.6 57.8



#76

Pentachlorobenzene

Concen: 34.405 ng/uL

RT: 14.822 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

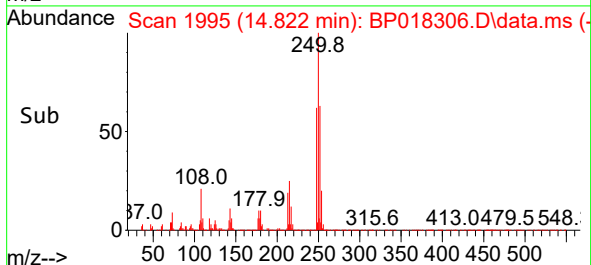
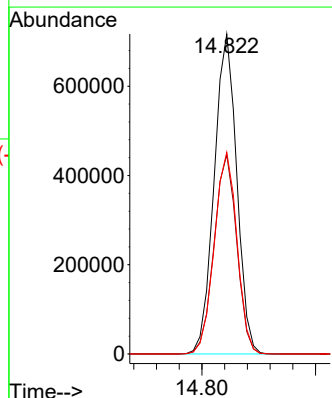
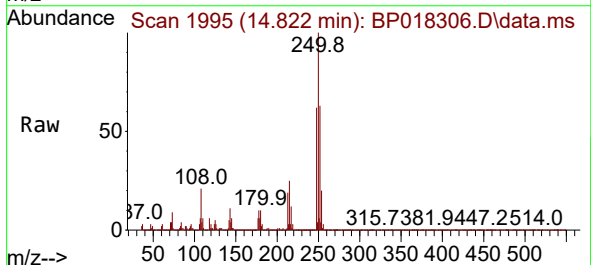
Tgt Ion:250 Resp: 989549

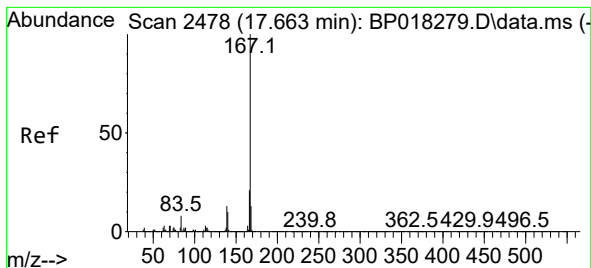
Ion Ratio Lower Upper

250 100

248 62.3 51.0 76.6

252 63.1 51.5 77.3





#77

Carbazole

Concen: 28.905 ng/ul

RT: 17.657 min Scan# 2478

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

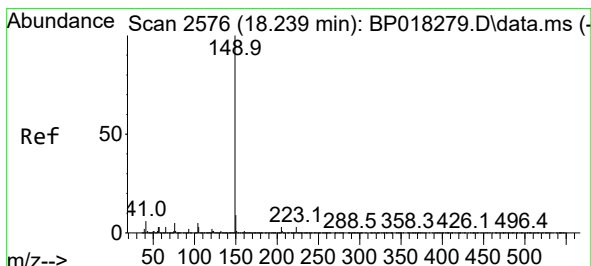
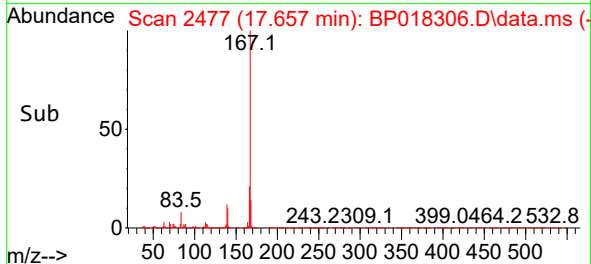
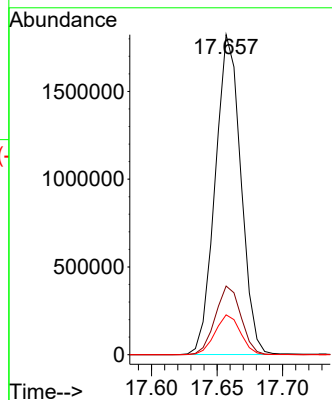
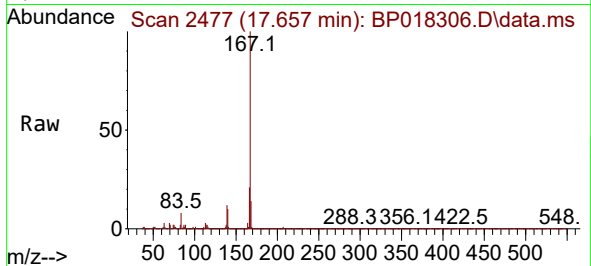
Tgt Ion:167 Resp: 2476688

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 12.5 10.0 15.0



#78

Di-n-butylphthalate

Concen: 25.420 ng/ul

RT: 18.227 min Scan# 2574

Delta R.T. -0.012 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

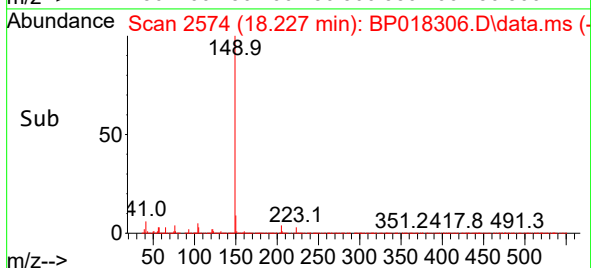
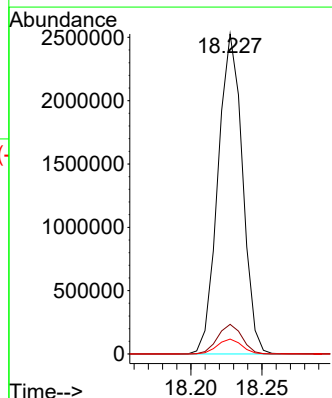
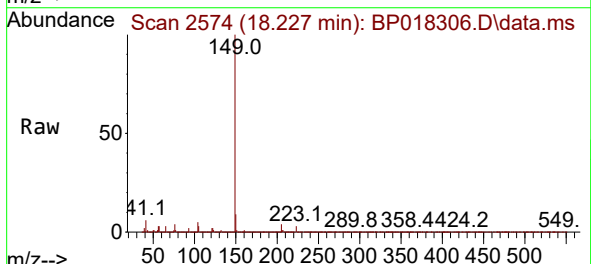
Tgt Ion:149 Resp: 3029580

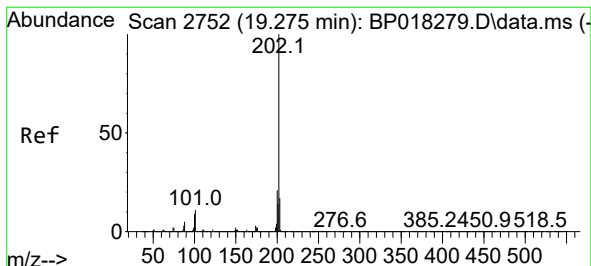
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.7 3.8 5.6





#80

Fluoranthene

Concen: 26.548 ng/ul

RT: 19.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

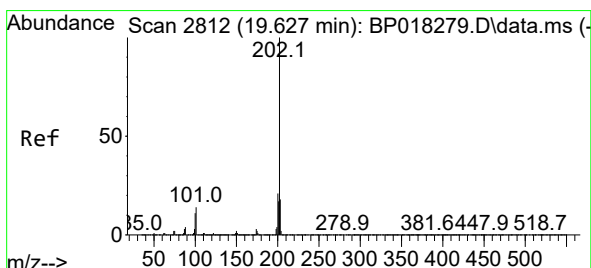
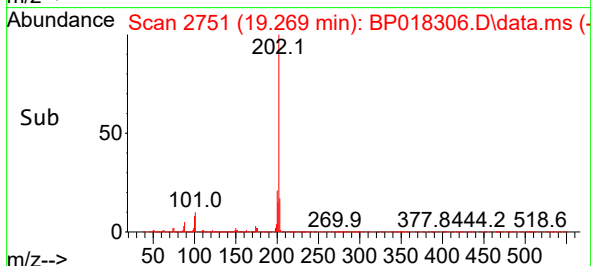
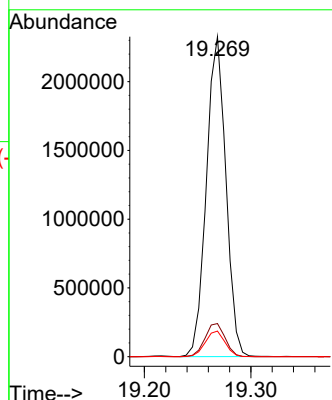
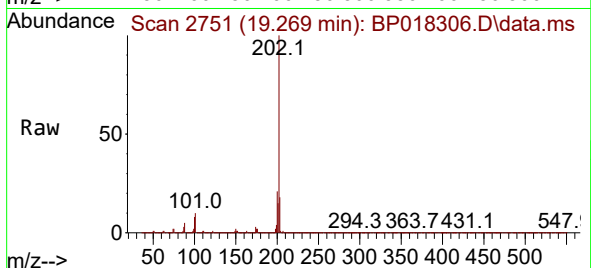
Tgt Ion:202 Resp: 2955226

Ion Ratio Lower Upper

202 100

101 10.4 8.6 13.0

100 8.0 6.7 10.1



#82

Pyrene

Concen: 26.721 ng/ul

RT: 19.622 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

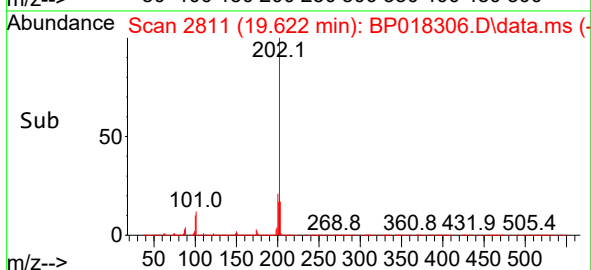
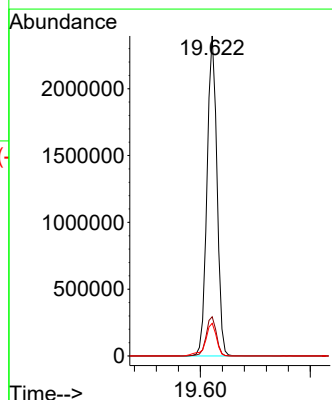
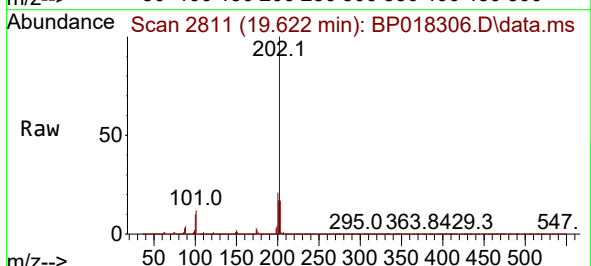
Tgt Ion:202 Resp: 2995174

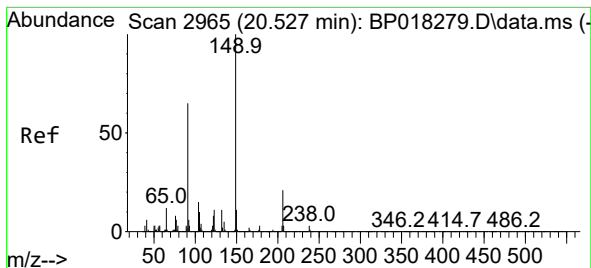
Ion Ratio Lower Upper

202 100

101 12.3 10.2 15.4

100 10.2 8.4 12.6





#83

Butylbenzylphthalate

Concen: 23.418 ng/ul

RT: 20.516 min Scan# 2963

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

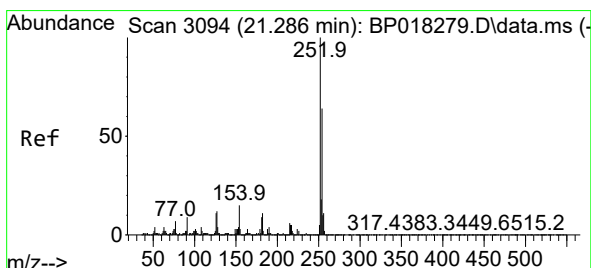
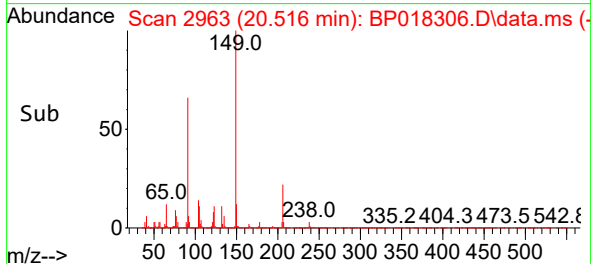
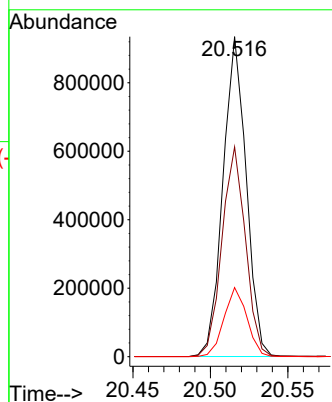
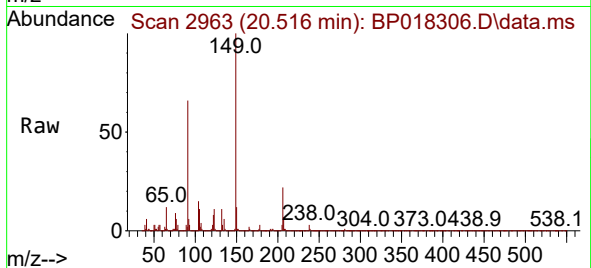
Tgt Ion:149 Resp: 971421

Ion Ratio Lower Upper

149 100

91 65.5 53.7 80.5

206 21.6 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 29.125 ng/ul

RT: 21.280 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

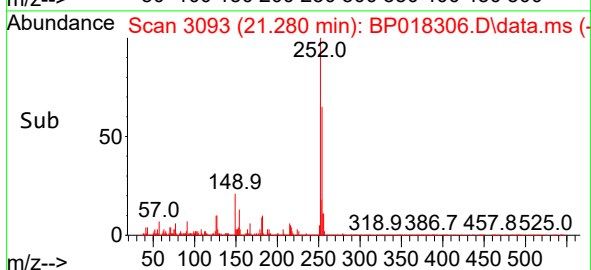
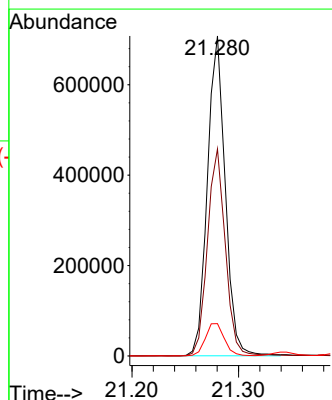
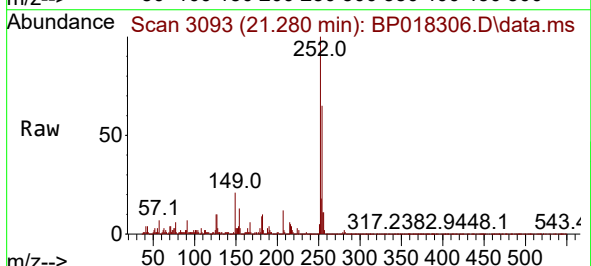
Tgt Ion:252 Resp: 824730

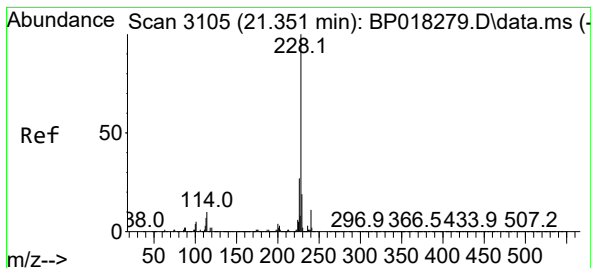
Ion Ratio Lower Upper

252 100

254 64.7 51.1 76.7

126 10.1 8.6 12.8





#85

Benzo(a)anthracene

Concen: 28.587 ng/ul

RT: 21.345 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

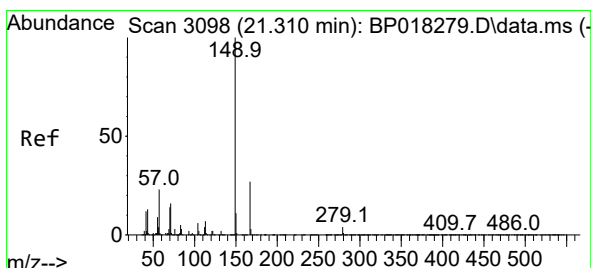
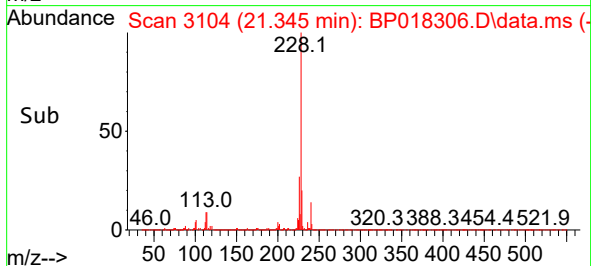
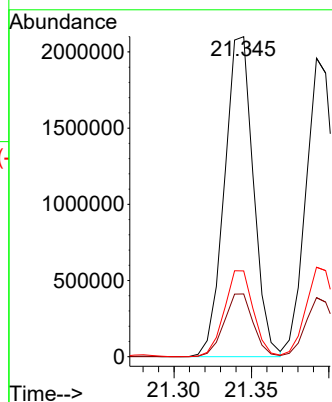
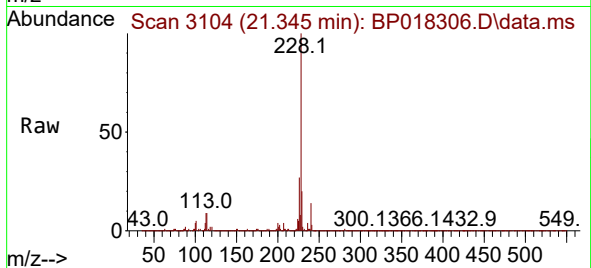
Tgt Ion:228 Resp: 2727670

Ion Ratio Lower Upper

228 100

229 19.6 16.2 24.2

226 26.8 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.254 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

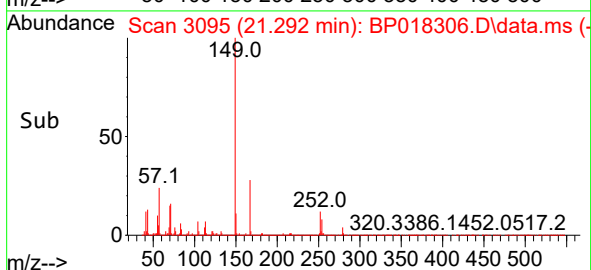
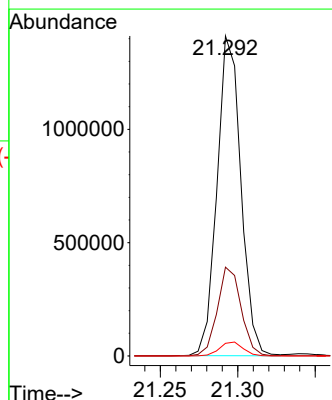
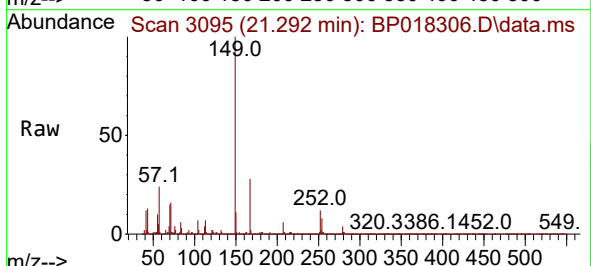
Tgt Ion:149 Resp: 1509494

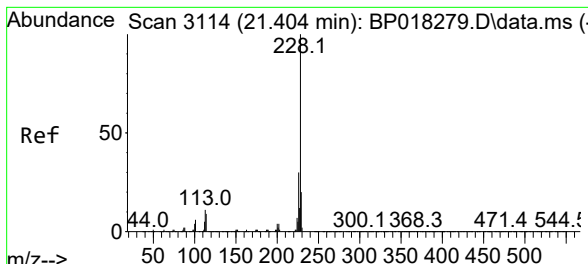
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 4.0 3.4 5.0



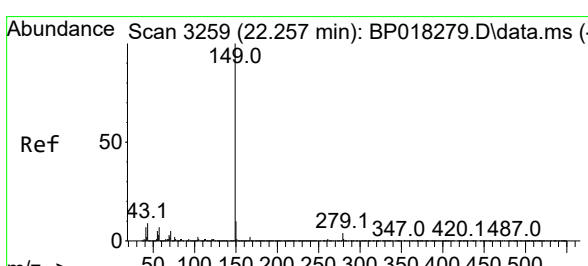
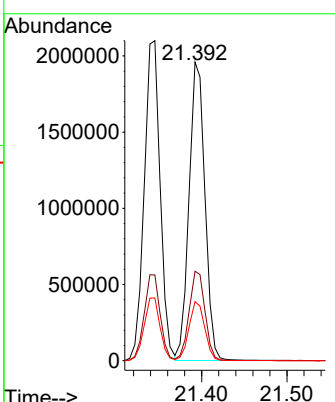
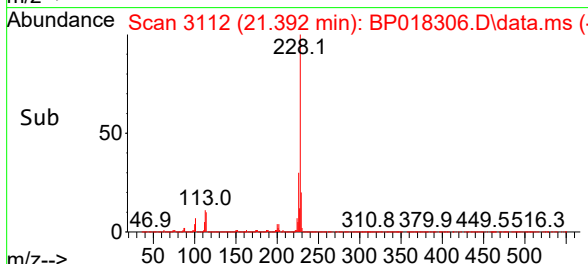
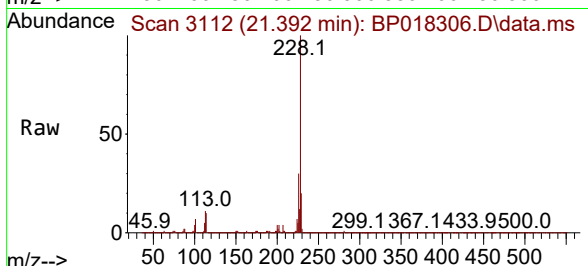


#87
 Chrysene
 Concen: 29.203 ng/ul
 RT: 21.392 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BP018306.D
 Acq: 23 Nov 2023 09:20

Instrument :
 BNA_P
 ClientSampleId :
 SLCS319

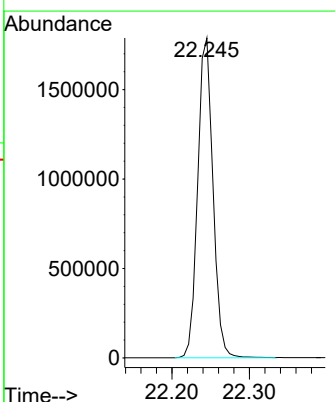
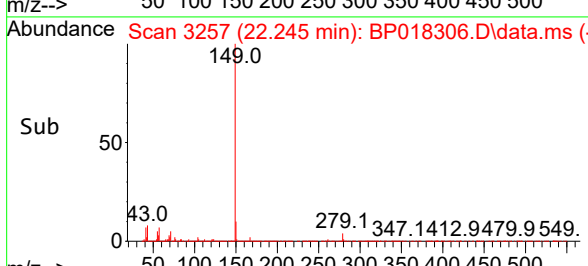
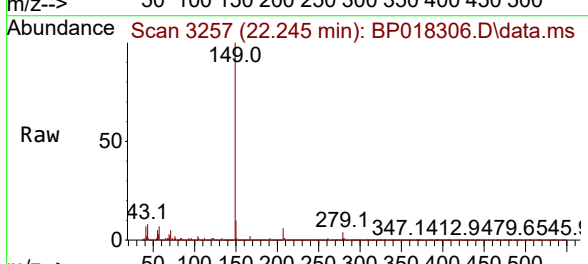
Tgt Ion:228 Resp: 2535601

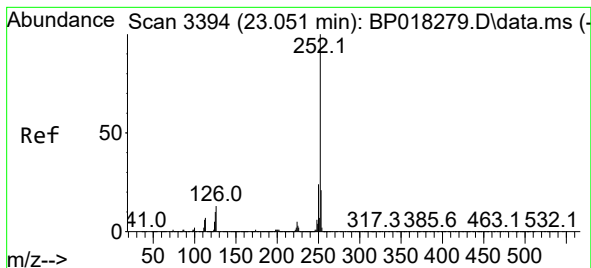
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.8	16.1	24.1



#89
 Di-n-octyl phthalate
 Concen: 22.890 ng/ul
 RT: 22.245 min Scan# 3257
 Delta R.T. -0.006 min
 Lab File: BP018306.D
 Acq: 23 Nov 2023 09:20

Tgt Ion:149 Resp: 2442881





#90

Benzo(b)fluoranthene

Concen: 26.923 ng/ul

RT: 23.039 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

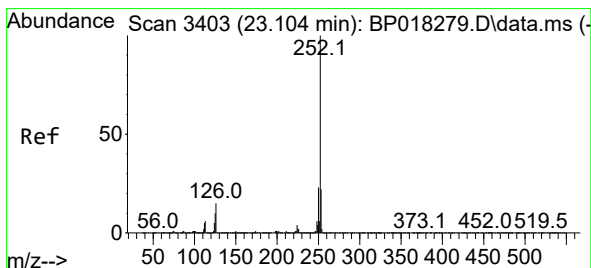
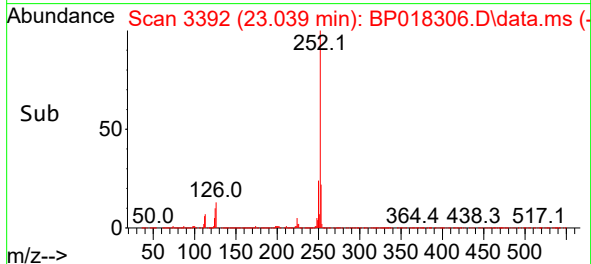
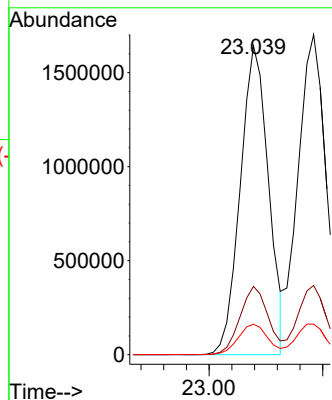
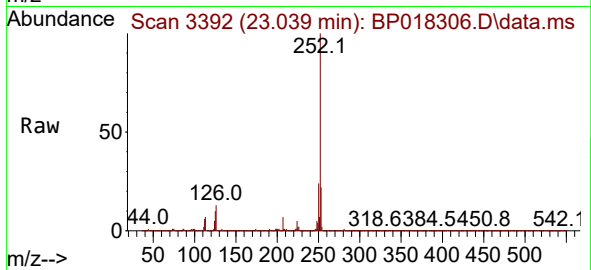
Tgt Ion:252 Resp: 2834763

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.9 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 28.114 ng/ul

RT: 23.092 min Scan# 3401

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

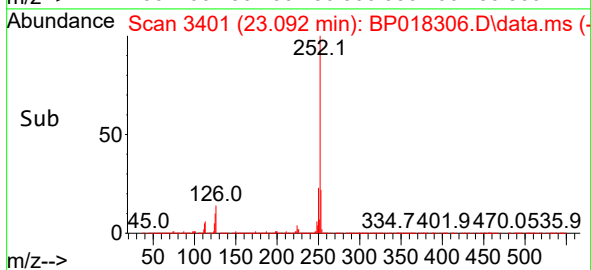
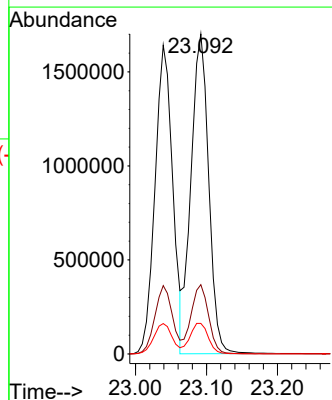
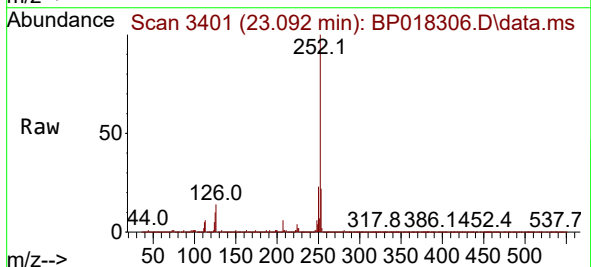
Tgt Ion:252 Resp: 2946876

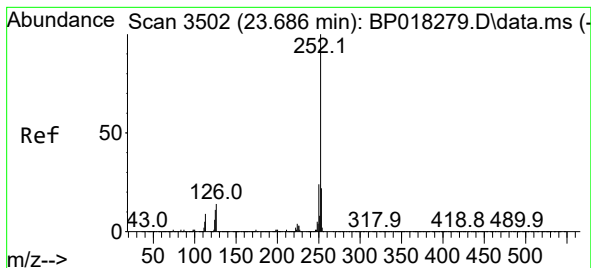
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.6 8.0 12.0





#93

Benzo(a)pyrene

Concen: 29.000 ng/ul

RT: 23.674 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

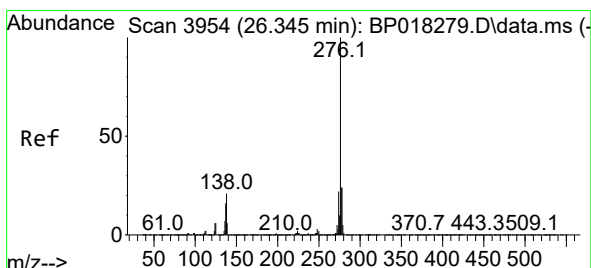
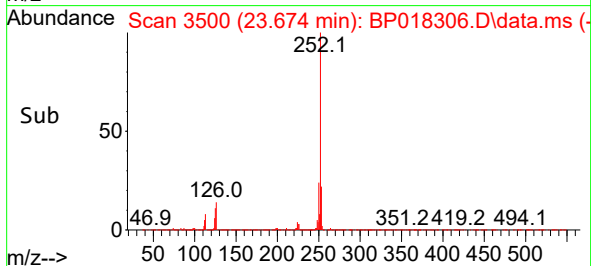
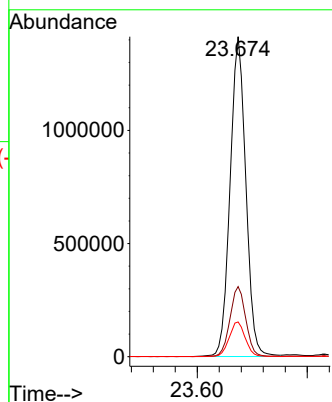
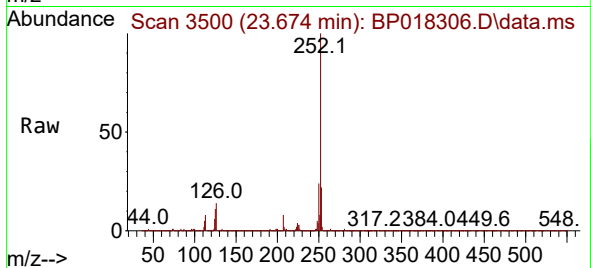
Tgt Ion:252 Resp: 2808125

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.8 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.691 ng/ul

RT: 26.333 min Scan# 3952

Delta R.T. 0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

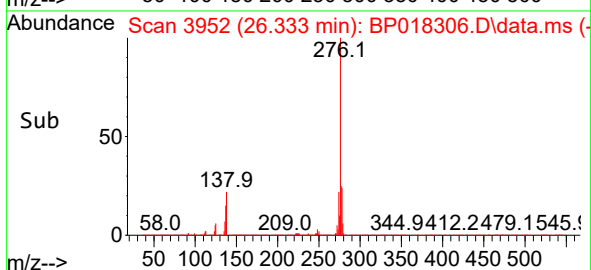
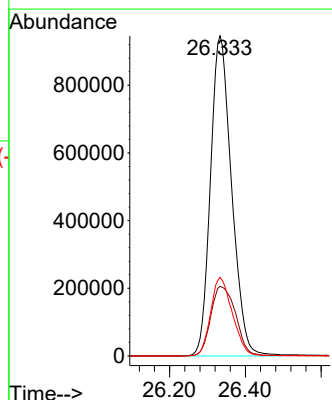
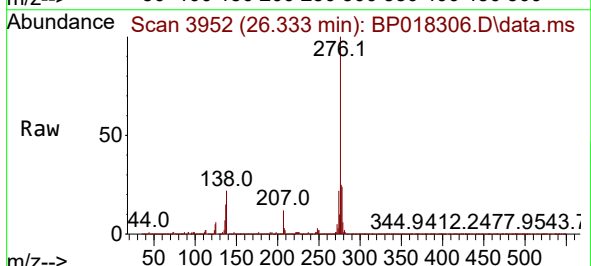
Tgt Ion:276 Resp: 3660184

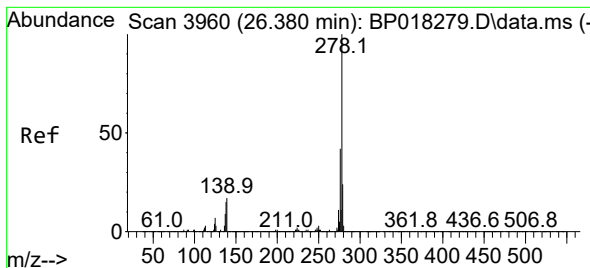
Ion Ratio Lower Upper

276 100

138 21.8 17.5 26.3

277 24.6 19.1 28.7





#95

Dibenzo(a,h)anthracene

Concen: 33.130 ng/ul

RT: 26.368 min Scan# 3958

Delta R.T. -0.000 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Instrument :

BNA_P

ClientSampleId :

SLCS319

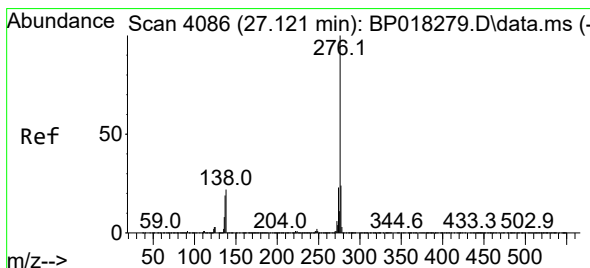
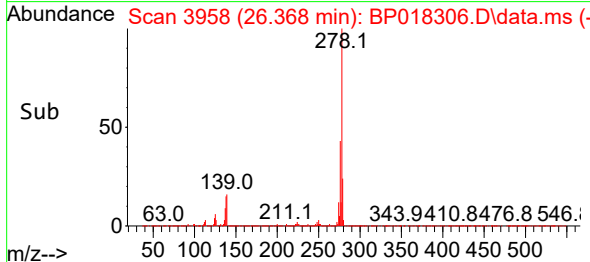
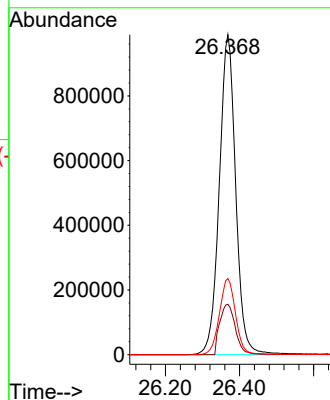
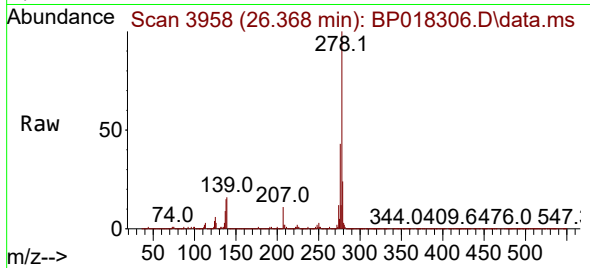
Tgt Ion:278 Resp: 3036689

Ion Ratio Lower Upper

278 100

139 15.7 13.3 19.9

279 23.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 33.046 ng/ul

RT: 27.115 min Scan# 4085

Delta R.T. 0.006 min

Lab File: BP018306.D

Acq: 23 Nov 2023 09:20

Tgt Ion:276 Resp: 2996517

Ion Ratio Lower Upper

276 100

138 22.3 17.7 26.5

277 23.6 18.6 28.0

