

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
 Data File : BP018203.D
 Acq On : 16 Nov 2023 08:21
 Operator : MA/JU
 Sample : PB157171BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS171

Quant Time: Nov 16 21:36:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	64597	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	260214	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	170413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	389668	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	394534	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	429139	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	9221	5.036	ng/uL	0.00
4) Pyridine-d5	3.587	84	106991	22.409	ng/u1	0.00
7) Phenol-d5	6.952	99	152907	24.519	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	96690	26.382	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	124399	25.189	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	122486	23.968	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	59157	25.233	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	68986	25.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	122767	25.934	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	117802	18.147	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	411088	26.145	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	435109	25.407	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	54527	23.207	ng/u1	-0.01
60) Fluorene-d10	15.463	176	341807	26.330	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	69151	24.548	ng/u1	0.00
73) Anthracene-d10	17.345	188	554102	26.292	ng/u1	0.00
81) Pyrene-d10	19.604	212	690244	26.192	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	687556	27.554	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	20494	10.256	ng/uL	98
5) Pyridine	3.611	79	120847	24.524	ng/u1	98
6) Benzaldehyde	6.958	77	81870	24.376	ng/u1	98
8) Phenol	6.981	94	154533	25.119	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.228	93	125175	26.227	ng/u1	96
12) 2-Chlorophenol	7.334	128	126587	25.529	ng/u1	97
13) 2-Methylphenol	8.240	108	112889	24.286	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.293	45	81568	14.967	ng/u1	97
16) Acetophenone	8.640	105	197862	24.358	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.605	70	107382	24.213	ng/u1	96
18) 4-Methylphenol	8.575	108	122623	24.189	ng/u1	100
19) Hexachloroethane	8.828	117	63661	26.834	ng/u1	91
22) Nitrobenzene	9.034	77	169960	26.849	ng/u1	96
23) Isophorone	9.534	82	288664	24.990	ng/u1	100
25) 2-Nitrophenol	9.734	139	72406	26.529	ng/u1	96
26) 2,4-Dimethylphenol	9.775	107	132029	22.741	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.028	93	165435	26.264	ng/u1	99
29) 2,4-Dichlorophenol	10.258	162	118990	26.323	ng/u1	98
30) Naphthalene	10.652	128	410894	25.965	ng/u1	100
32) 4-Chloroaniline	10.810	127	128789	20.712	ng/u1	97
33) Hexachlorobutadiene	10.863	225	89417	26.945	ng/u1	98
34) Caprolactam	11.640	113	38012	25.313	ng/u1	99
35) 4-Chloro-3-methylphenol	11.922	107	142087	26.127	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	278500	25.635	ng/u1	98

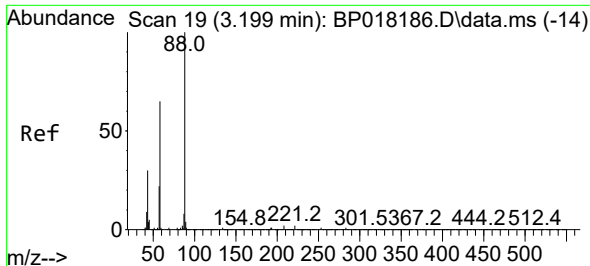
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	279548	25.040	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	151539	26.323	ng/ul	97
40) Hexachlorocyclopentadiene	12.557	237	55627	20.018	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	94457	25.012	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	102410	25.767	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	378276	26.105	ng/ul	100
44) 2-Chloronaphthalene	13.340	162	296725	25.792	ng/ul	99
45) 2-Nitroaniline	13.599	65	102941	27.728	ng/ul	97
47) Dimethylphthalate	13.934	163	413547	26.812	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	80807	26.358	ng/ul	96
50) Acenaphthylene	14.193	152	499540	25.836	ng/ul	99
51) 3-Nitroaniline	14.440	138	72921	25.633	ng/ul#	91
52) Acenaphthene	14.528	153	335671	26.181	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	25753	15.398	ng/ul	94
55) 4-Nitrophenol	14.740	109	85025	27.262	ng/ul	90
56) Dibenzofuran	14.869	168	465831	26.513	ng/ul	96
57) 2,4-Dinitrotoluene	14.887	165	126298	27.574	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.093	232	83730	23.682	ng/ul#	95
59) Diethylphthalate	15.293	149	451255	28.003	ng/ul	100
61) Fluorene	15.522	166	400248	26.832	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	199356	27.272	ng/ul	99
63) 4-Nitroaniline	15.616	138	74637	27.803	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.640	198	71979	24.624	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	336632	26.937	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	115403	26.277	ng/ul	95
69) Hexachlorobenzene	16.498	284	131550	26.844	ng/ul	98
70) Atrazine	16.710	200	72129	16.546	ng/ul	95
71) Pentachlorophenol	16.881	266	36611	12.307	ng/ul	100
72) Phenanthrene	17.287	178	656839	27.453	ng/ul	99
74) Anthracene	17.381	178	663289	27.166	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	153178	25.742	ng/uL	97
76) Pentachlorobenzene	14.757	250	152811	26.232	ng/uL	96
77) Carbazole	17.681	167	601159	28.353	ng/ul	99
78) Di-n-butylphthalate	18.186	149	807948	30.033	ng/ul	98
80) Fluoranthene	19.269	202	813187	26.422	ng/ul	100
82) Pyrene	19.633	202	858453	26.618	ng/ul	99
83) Butylbenzylphthalate	20.498	149	395104	29.131	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.304	252	250224	26.546	ng/ul	98
85) Benzo(a)anthracene	21.357	228	871701	27.362	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	575002	30.750	ng/ul	99
87) Chrysene	21.416	228	816746	27.404	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	1010447	31.485	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	856515	28.045	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	850418	27.677	ng/ul	100
93) Benzo(a)pyrene	23.733	252	805991	27.945	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	948605	27.423	ng/ul	98
95) Dibenzo(a,h)anthracene	26.492	278	789963	27.735	ng/ul	99
96) Benzo(g,h,i)perylene	27.286	276	751822	27.173	ng/ul	95

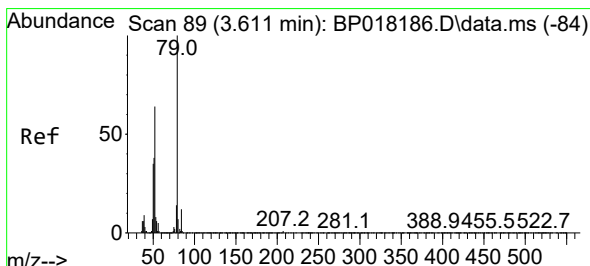
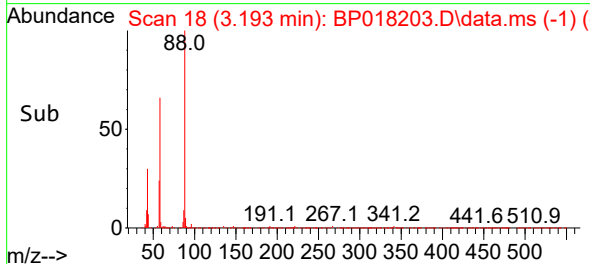
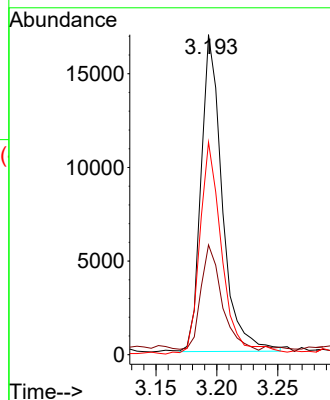
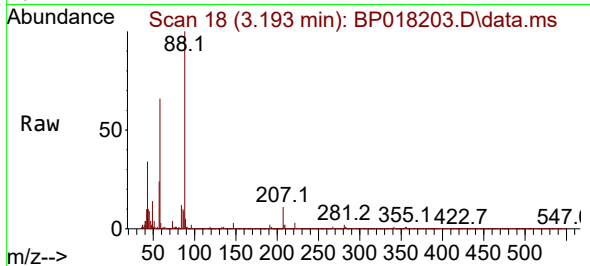
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#2
1,4-Dioxane
Concen: 10.256 ng/uL
RT: 3.193 min Scan# 18
Delta R.T. 0.000 min
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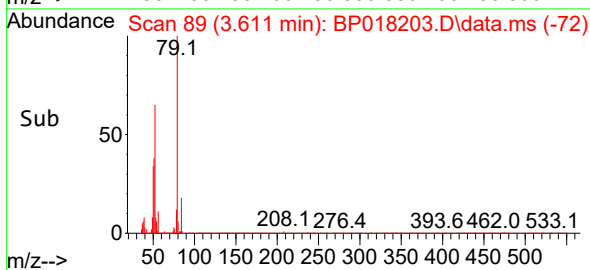
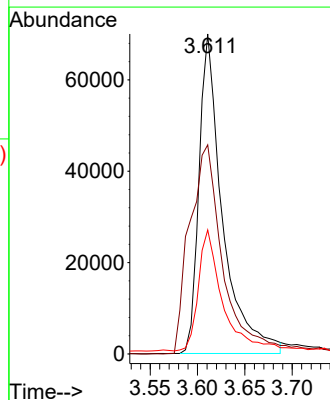
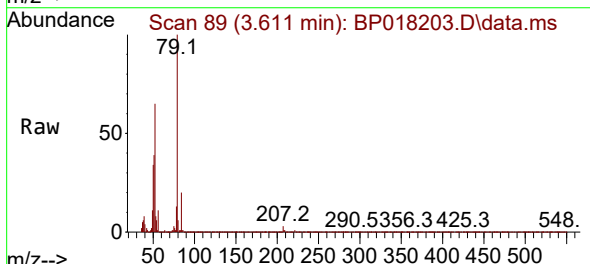
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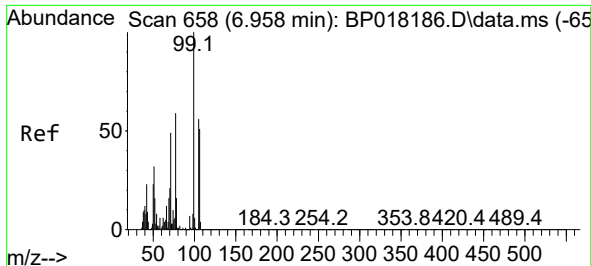
Tgt Ion: 88 Resp: 20494
Ion Ratio Lower Upper
88 100
43 34.3 25.4 38.2
58 66.4 53.3 79.9



#5
Pyridine
Concen: 24.524 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion: 79 Resp: 120847
Ion Ratio Lower Upper
79 100
52 65.3 53.9 80.9
51 38.8 32.2 48.2

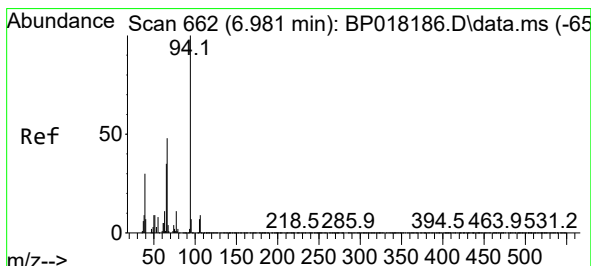
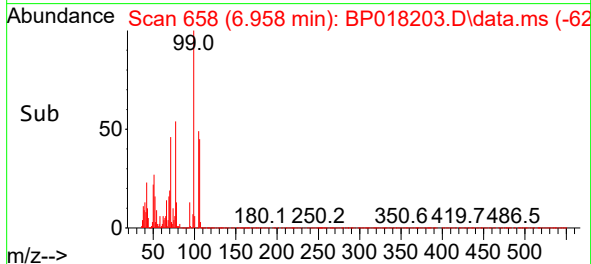
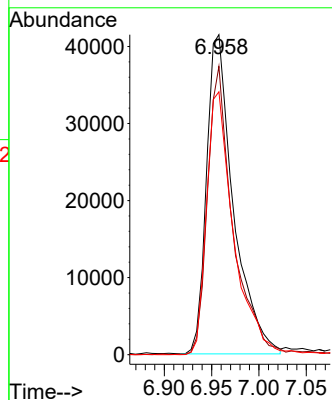
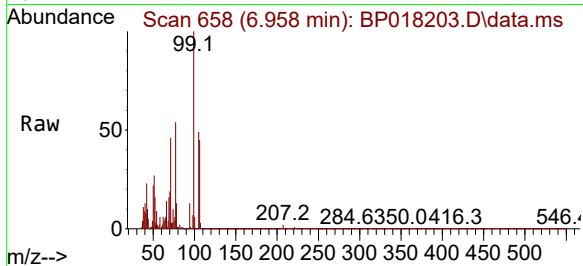




#6
Benzaldehyde
Concen: 24.376 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

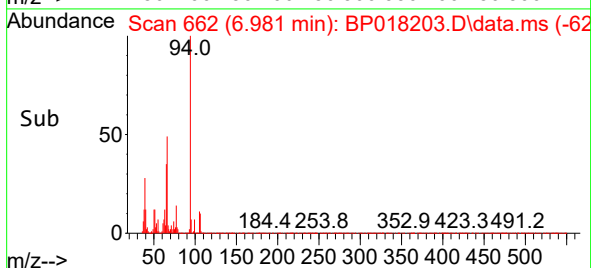
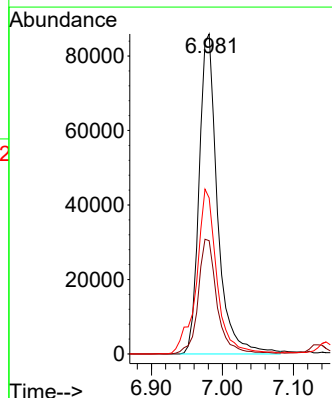
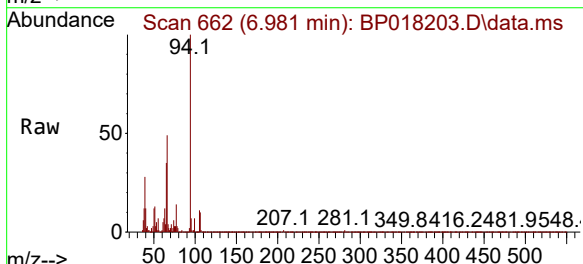
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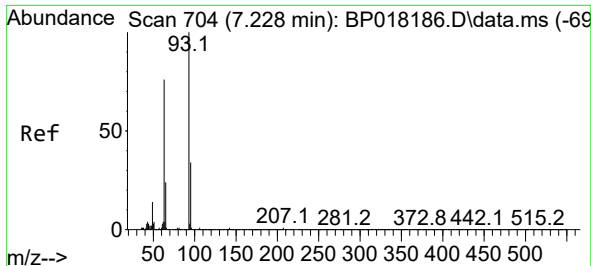
Tgt Ion: 77 Resp: 81870
Ion Ratio Lower Upper
77 100
105 90.1 72.7 109.1
106 82.1 67.5 101.3



#8
Phenol
Concen: 25.119 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion: 94 Resp: 154533
Ion Ratio Lower Upper
94 100
65 35.4 28.2 42.2
66 48.7 40.3 60.5

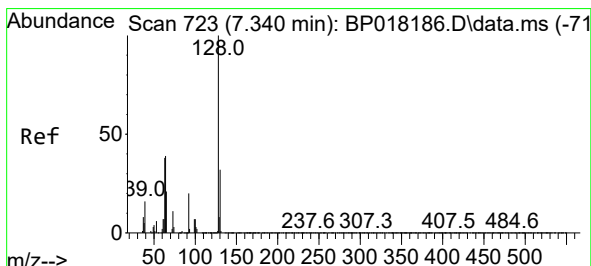
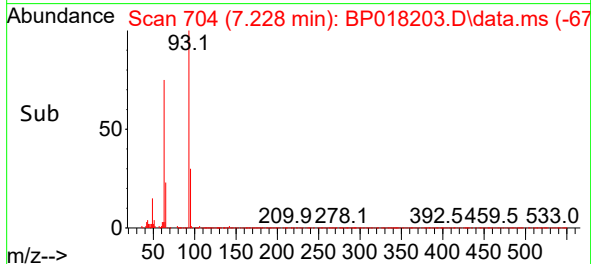
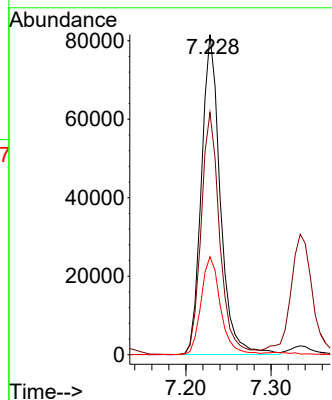
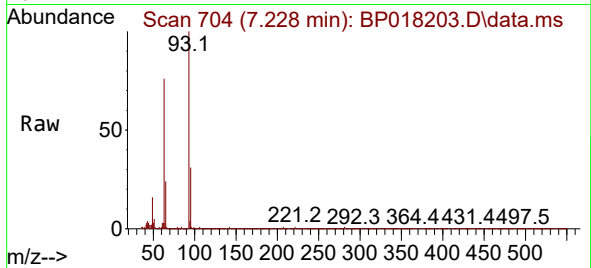




#10
Bis(2-Chloroethyl)ether
Concen: 26.227 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

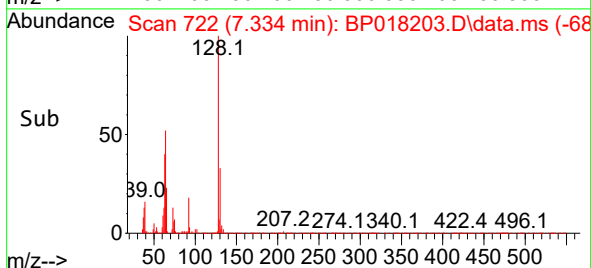
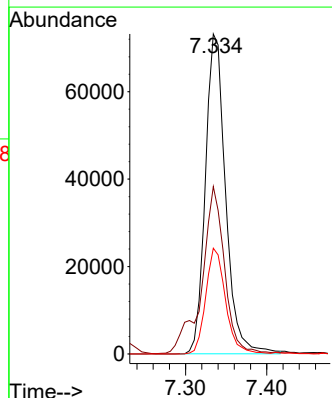
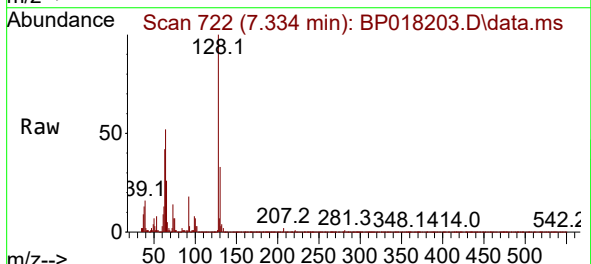
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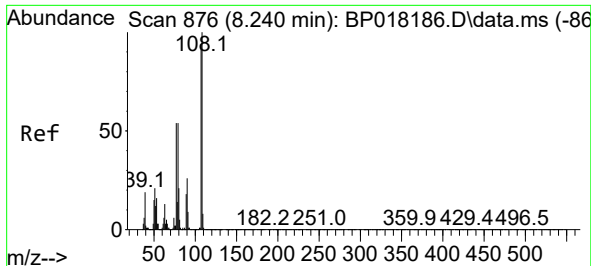
Tgt Ion: 93 Resp: 125175
Ion Ratio Lower Upper
93 100
63 75.7 57.8 86.6
95 30.6 25.5 38.3



#12
2-Chlorophenol
Concen: 25.529 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:128 Resp: 126587
Ion Ratio Lower Upper
128 100
64 52.3 39.2 58.8
130 33.1 26.6 40.0

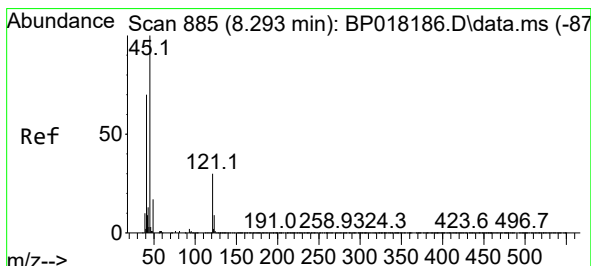
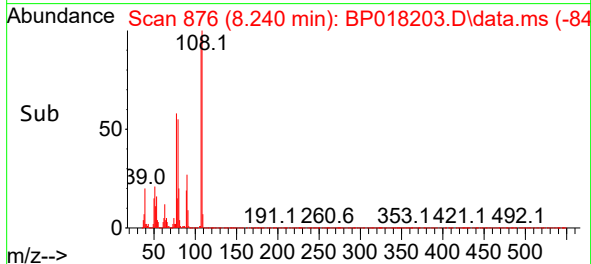
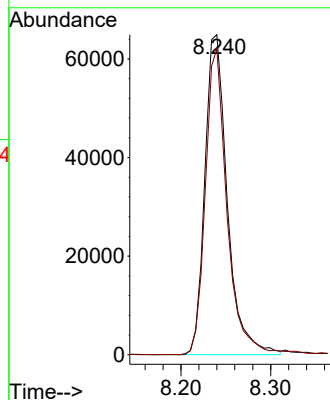
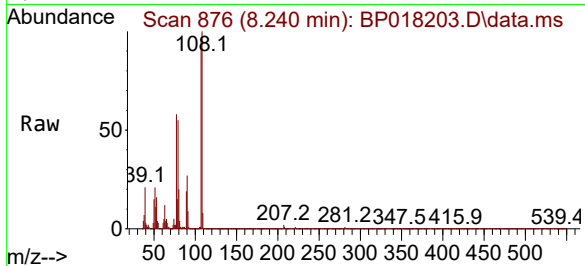




#13
2-Methylphenol
Concen: 24.286 ng/ul
RT: 8.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

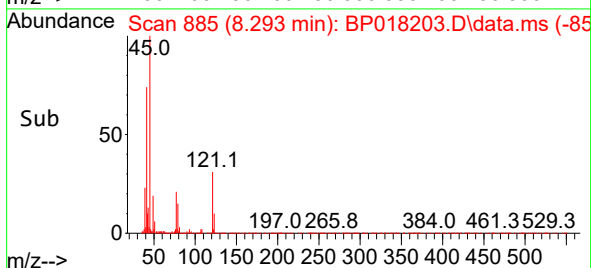
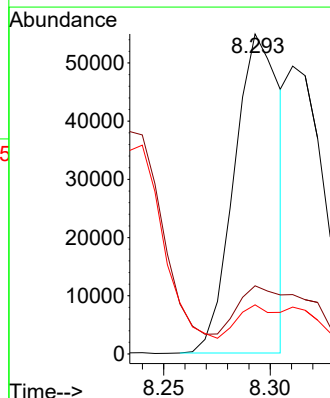
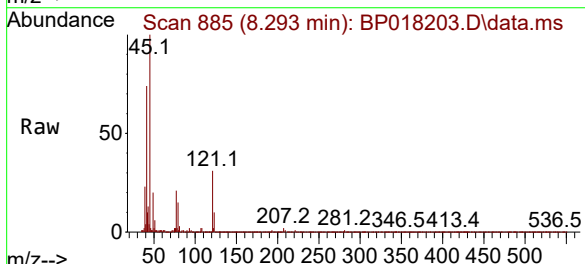
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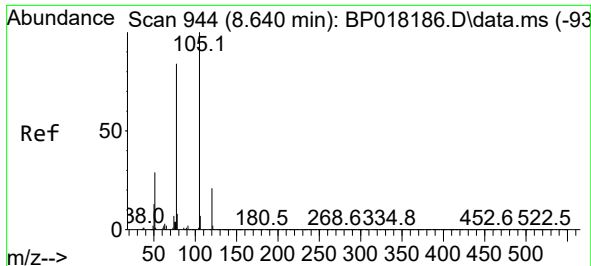
Tgt Ion:108 Resp: 112889
Ion Ratio Lower Upper
108 100
107 95.7 75.2 112.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.967 ng/ul
RT: 8.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion: 45 Resp: 81568
Ion Ratio Lower Upper
45 100
77 21.3 16.1 24.1
79 15.4 11.1 16.7

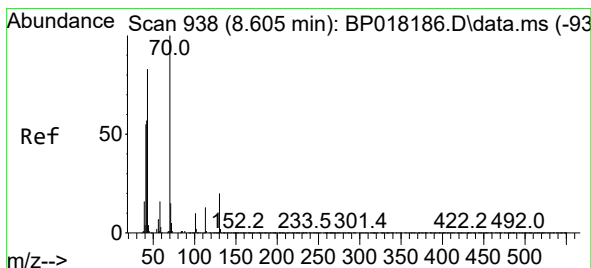
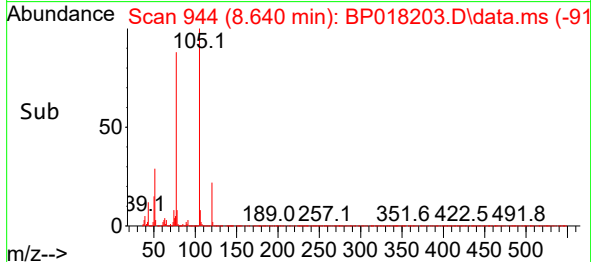
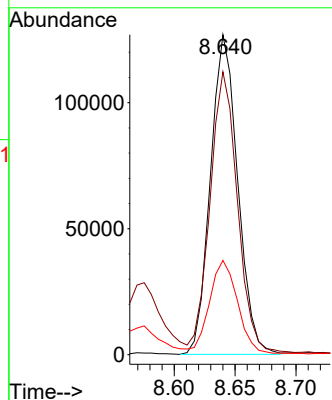
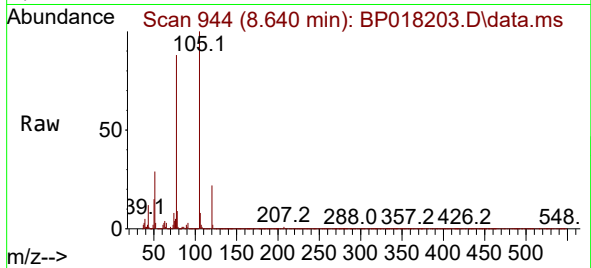




#16
Acetophenone
Concen: 24.358 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

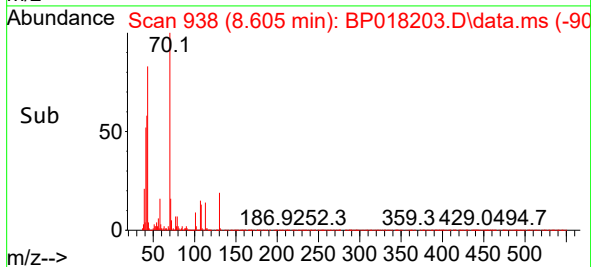
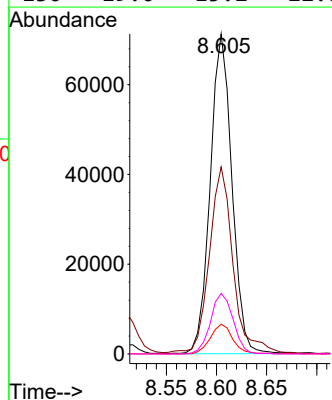
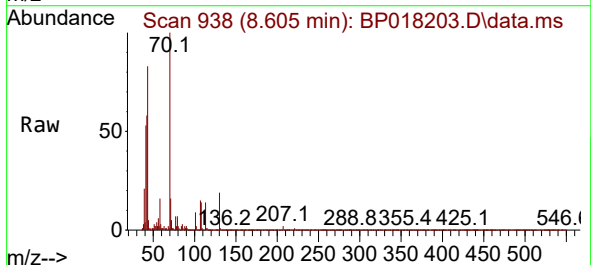
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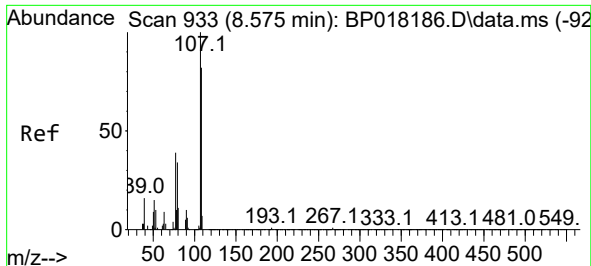
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Ion Ratio Lower Upper
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77 88.4 70.1 105.1
51 29.5 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 24.213 ng/ul
RT: 8.605 min Scan# 938
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion: 70 Resp: 107382
Ion Ratio Lower Upper
70 100
42 58.4 43.7 65.5
101 9.3 8.2 12.4
130 19.0 15.2 22.8

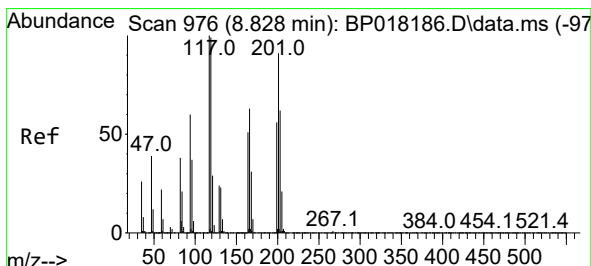
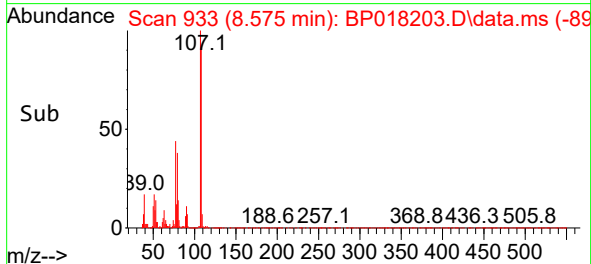
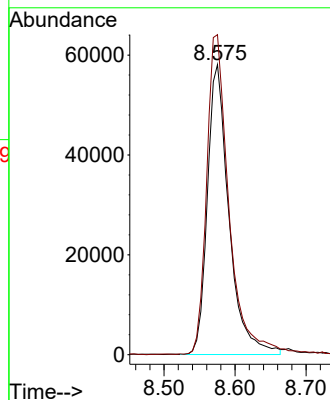
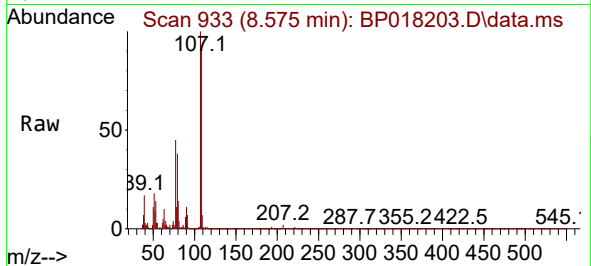




#18
4-Methylphenol
Concen: 24.189 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

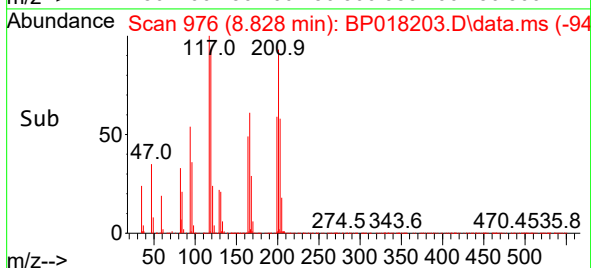
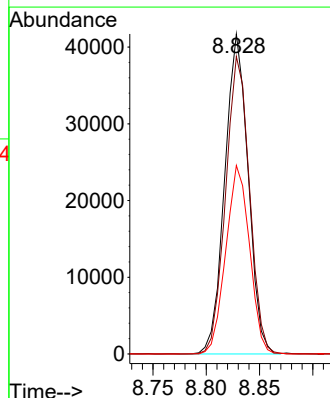
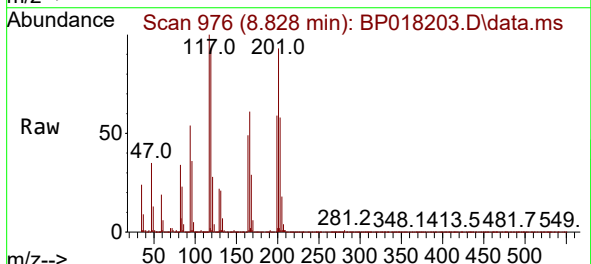
Instrument :
BNA_P
ClientSampleId :
SLCS171

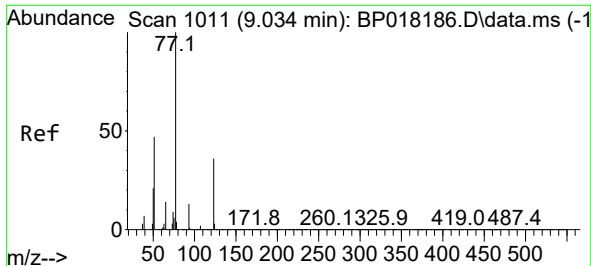
Tgt Ion:108 Resp: 122623
Ion Ratio Lower Upper
108 100
107 110.3 88.2 132.4



#19
Hexachloroethane
Concen: 26.834 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:117 Resp: 63661
Ion Ratio Lower Upper
117 100
201 92.9 84.8 127.2
199 58.9 49.0 73.4

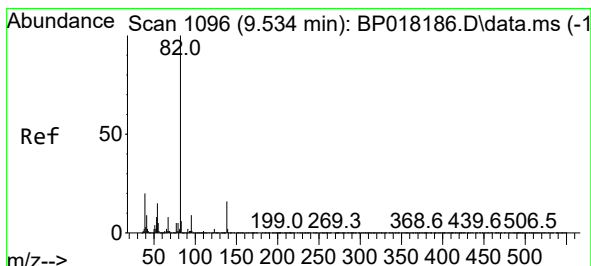
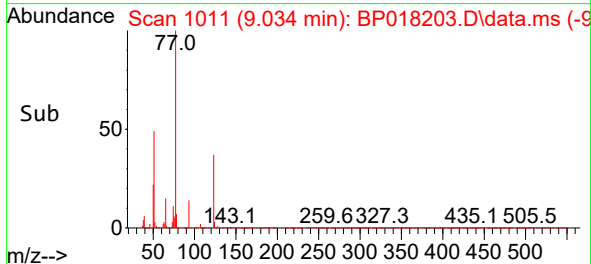
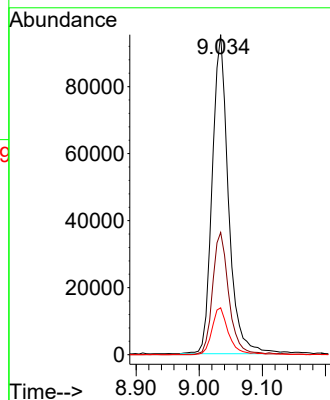
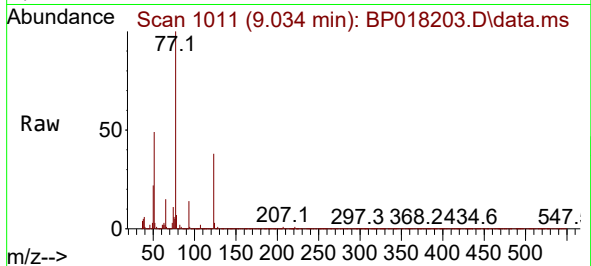




#22
Nitrobenzene
Concen: 26.849 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

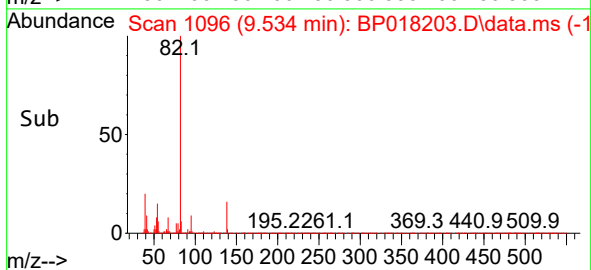
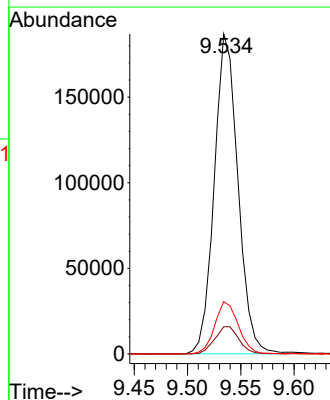
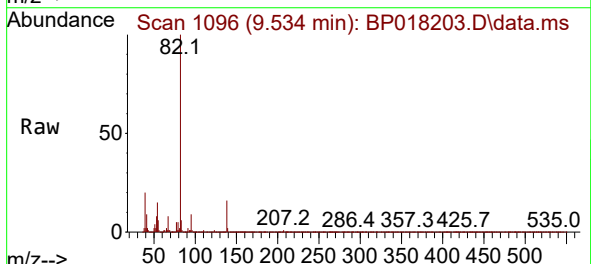
Instrument :
BNA_P
ClientSampleId :
SLCS171

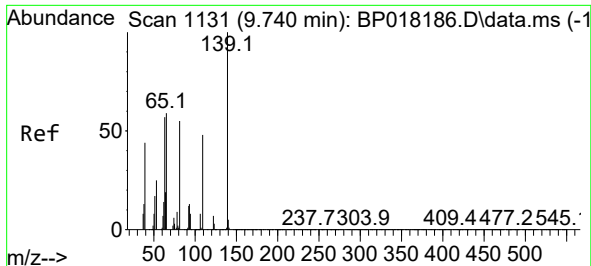
Tgt Ion: 77 Resp: 169960
Ion Ratio Lower Upper
77 100
123 38.2 27.8 41.8
65 14.7 11.5 17.3



#23
Isophorone
Concen: 24.990 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion: 82 Resp: 288664
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 16.4 13.1 19.7

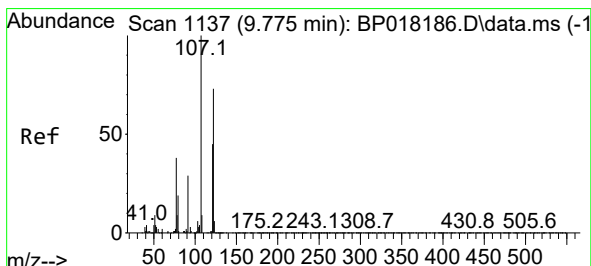
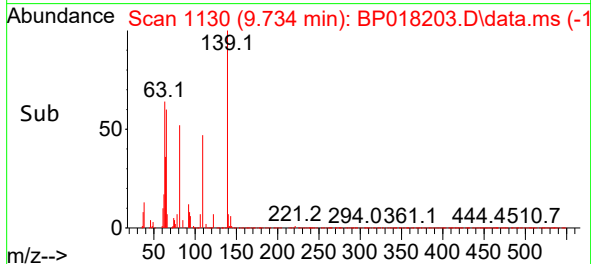
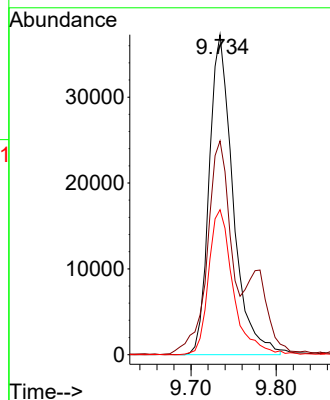
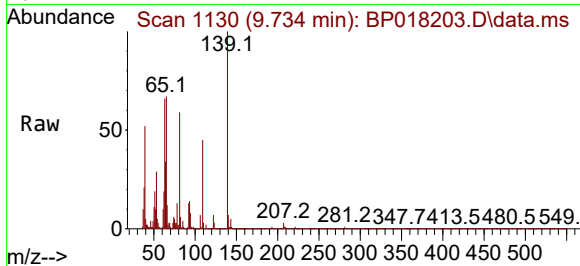




#25
2-Nitrophenol
Concen: 26.529 ng/ul
RT: 9.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

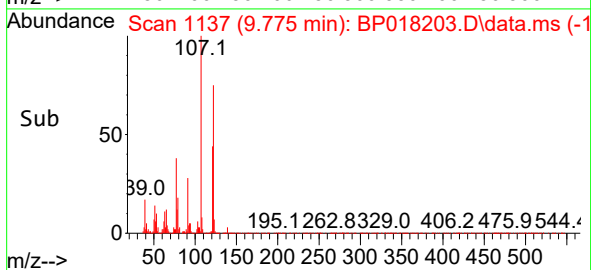
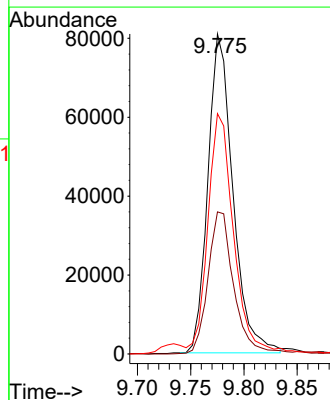
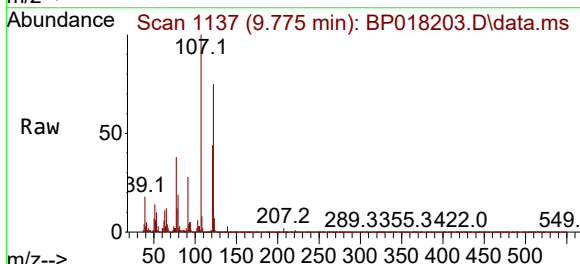
Instrument :
BNA_P
ClientSampleId :
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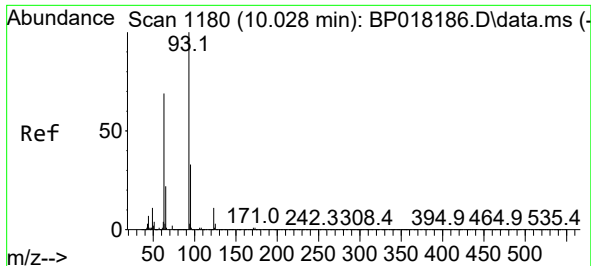
Tgt Ion:139 Resp: 72406
Ion Ratio Lower Upper
139 100
65 66.8 51.4 77.0
109 45.3 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 22.741 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:107 Resp: 132029
Ion Ratio Lower Upper
107 100
121 44.4 37.8 56.8
122 75.1 62.1 93.1

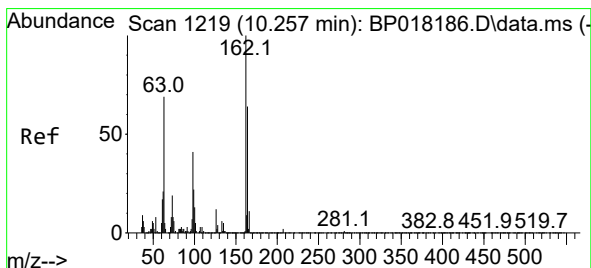
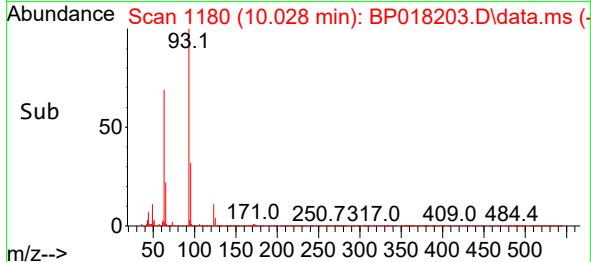
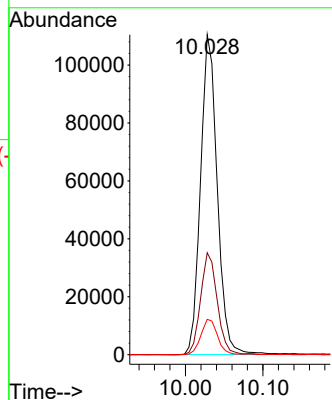
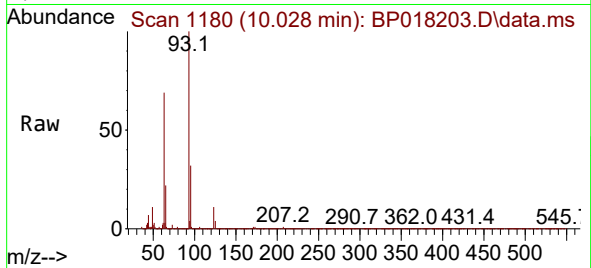




#27
 Bis(2-Chloroethoxy)methane
 Concen: 26.264 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BP018203.D
 Acq: 16 Nov 2023 08:21

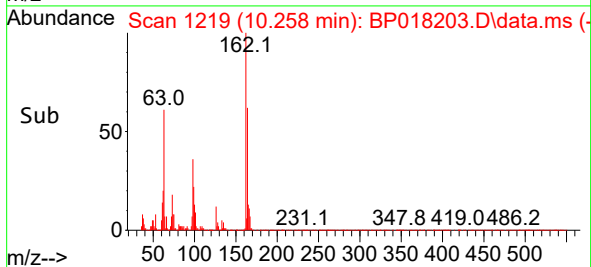
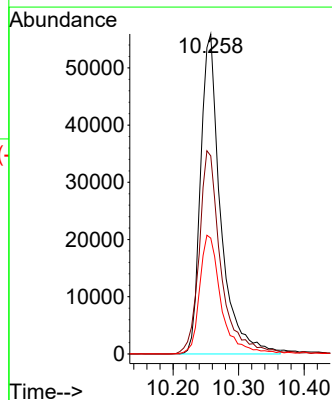
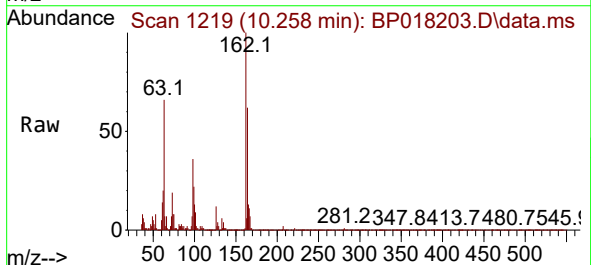
Instrument :
 BNA_P
 ClientSampleId :
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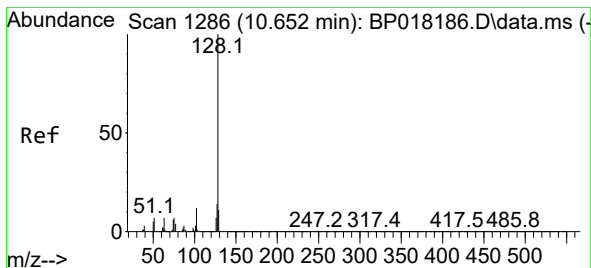
Tgt Ion: 93 Resp: 165435
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.2 39.2
 123 11.1 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 26.323 ng/ul
 RT: 10.258 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BP018203.D
 Acq: 16 Nov 2023 08:21

Tgt Ion:162 Resp: 118990
 Ion Ratio Lower Upper
 162 100
 164 61.9 51.8 77.6
 98 36.2 28.7 43.1

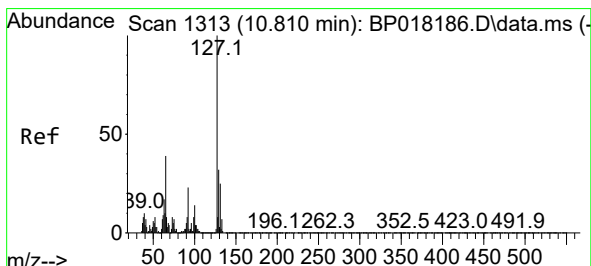
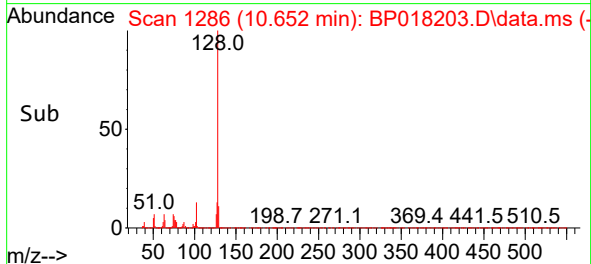
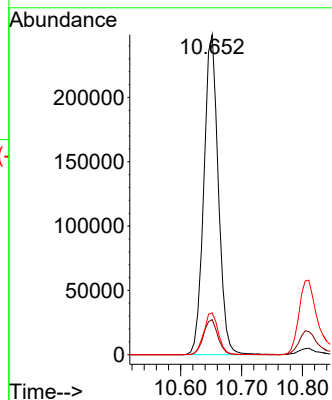
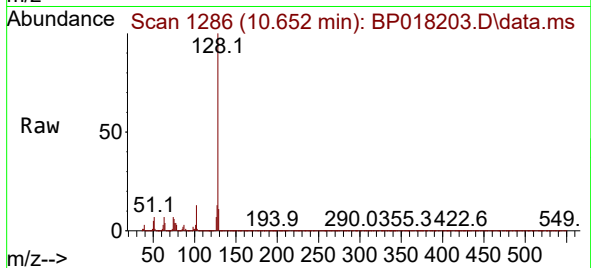




#30
Naphthalene
Concen: 25.965 ng/ul
RT: 10.652 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

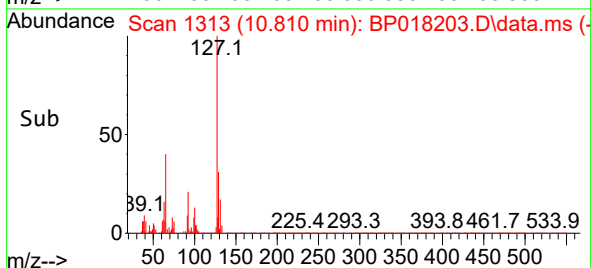
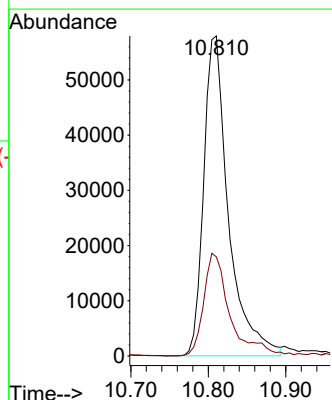
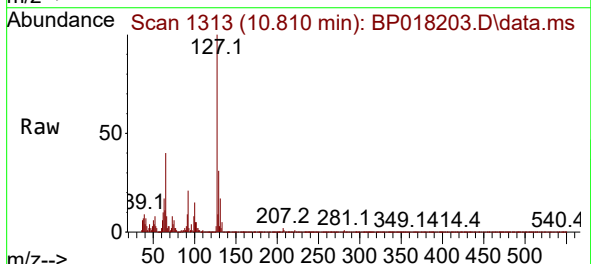
Instrument :
BNA_P
ClientSampleId :
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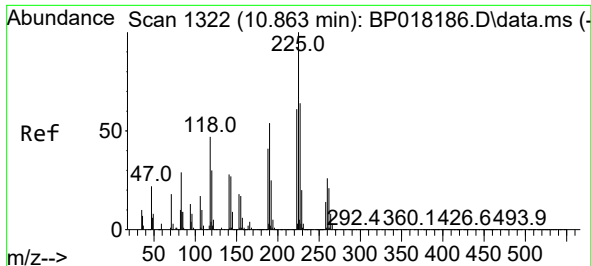
Tgt Ion:128 Resp: 410894
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 20.712 ng/ul
RT: 10.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:127 Resp: 128789
Ion Ratio Lower Upper
127 100
129 31.0 26.1 39.1

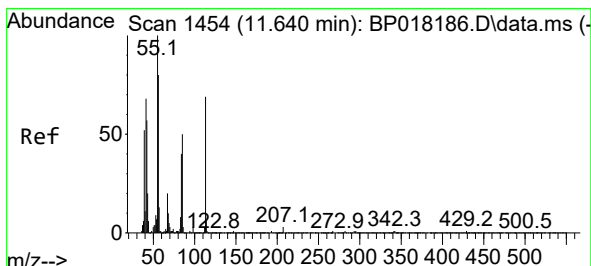
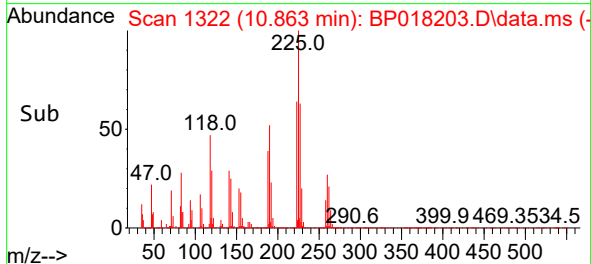
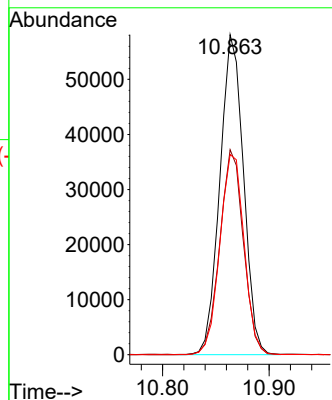
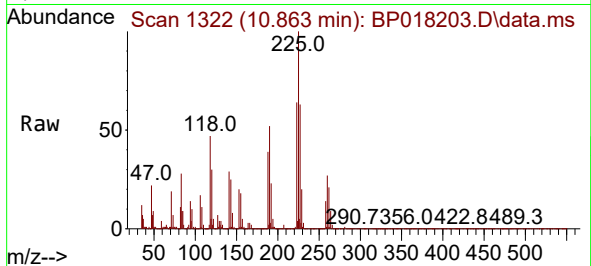




#33
Hexachlorobutadiene
Concen: 26.945 ng/ul
RT: 10.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

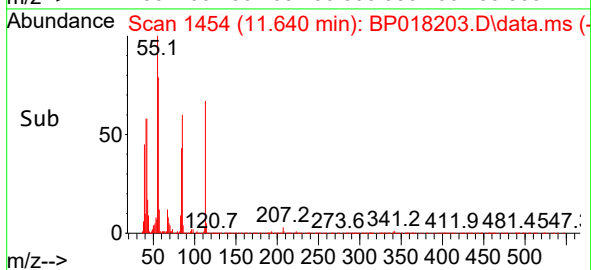
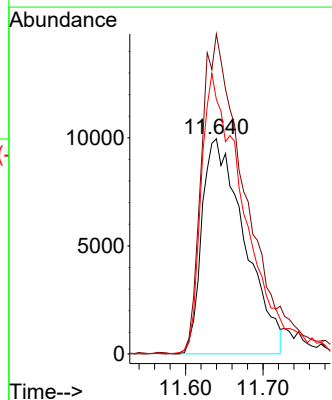
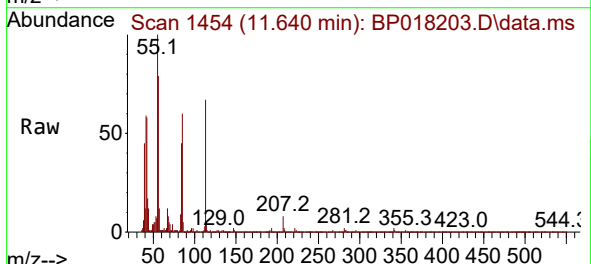
Instrument :
BNA_P
ClientSampleId :
SLCS171

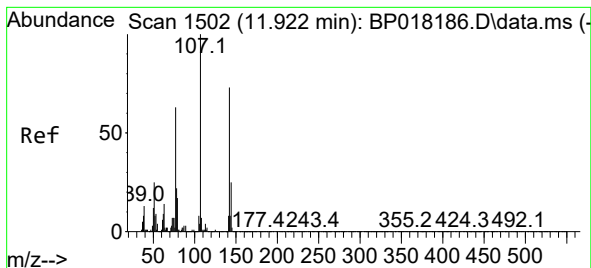
Tgt Ion:225 Resp: 89417
Ion Ratio Lower Upper
225 100
223 64.1 52.5 78.7
227 62.5 51.9 77.9



#34
Caprolactam
Concen: 25.313 ng/ul
RT: 11.640 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:113 Resp: 38012
Ion Ratio Lower Upper
113 100
55 148.7 118.3 177.5
56 118.2 95.6 143.4

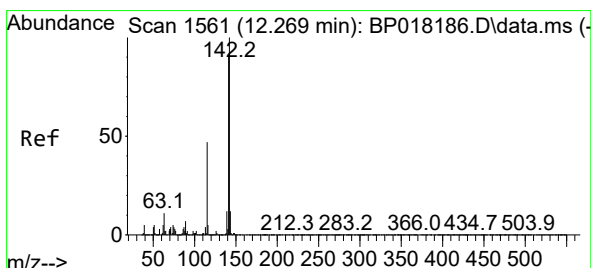
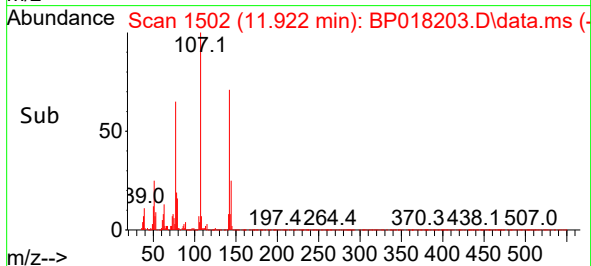
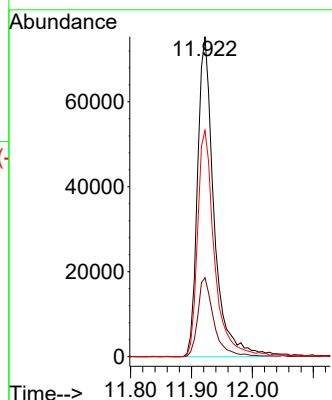
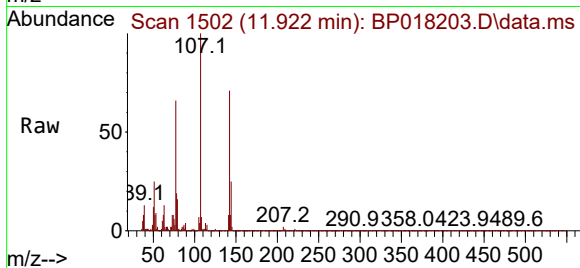




#35
4-Chloro-3-methylphenol
Concen: 26.127 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

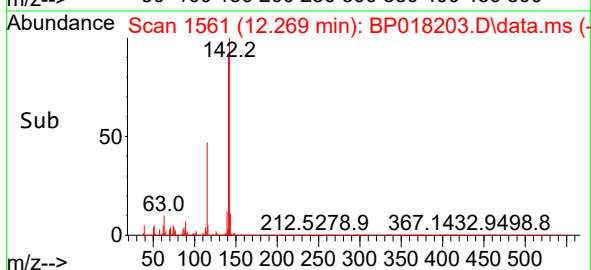
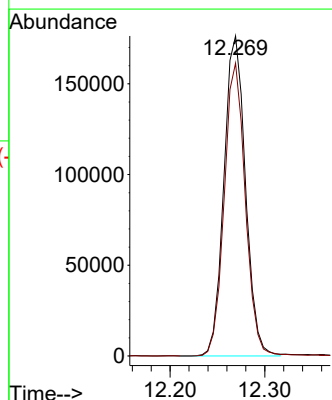
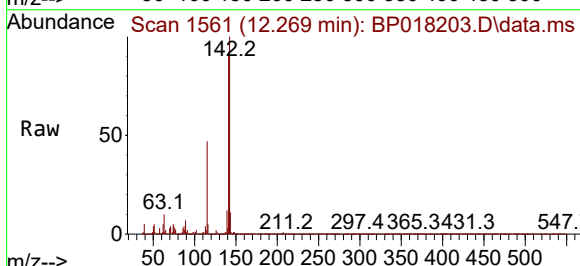
Instrument :
BNA_P
ClientSampleId :
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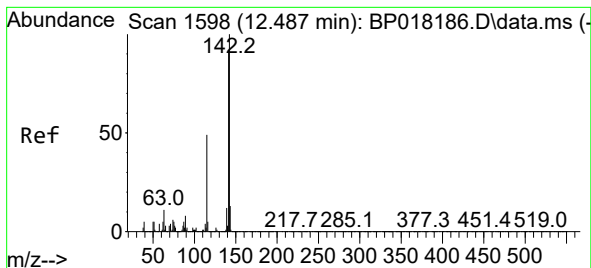
Tgt Ion:107 Resp: 142087
Ion Ratio Lower Upper
107 100
144 24.7 19.1 28.7
142 70.7 54.8 82.2



#36
2-Methylnaphthalene
Concen: 25.635 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:142 Resp: 278500
Ion Ratio Lower Upper
142 100
141 91.5 71.7 107.5





#37

1-Methylnaphthalene

Concen: 25.040 ng/ul

RT: 12.487 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

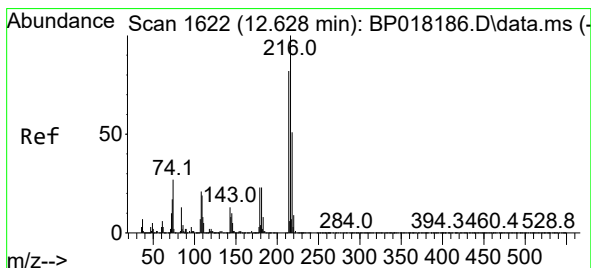
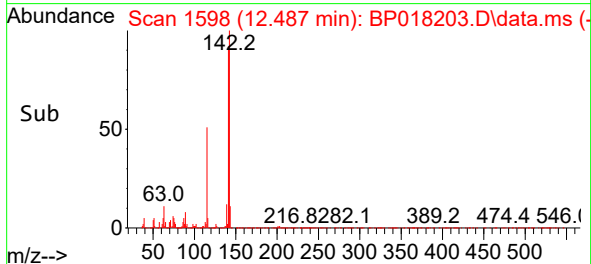
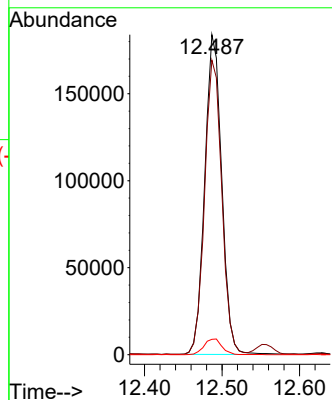
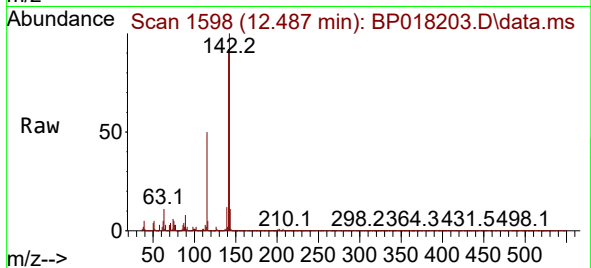
Tgt Ion:142 Resp: 279548

Ion Ratio Lower Upper

142 100

141 92.0 72.8 109.2

116 4.8 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.323 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Tgt Ion:216 Resp: 151539

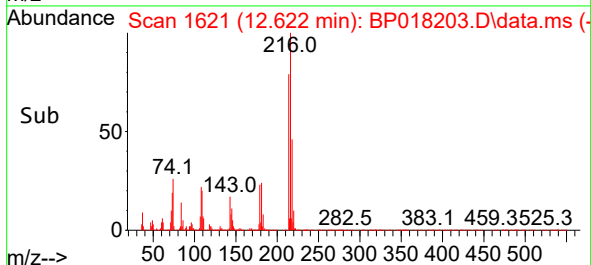
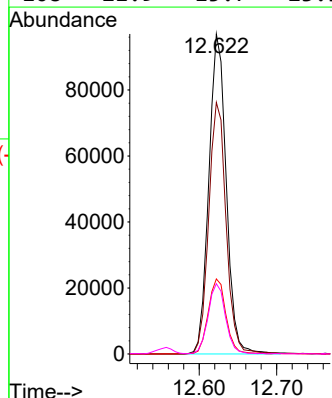
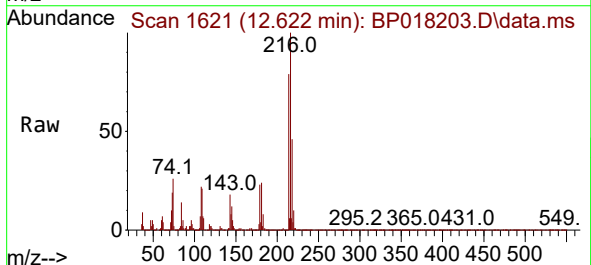
Ion Ratio Lower Upper

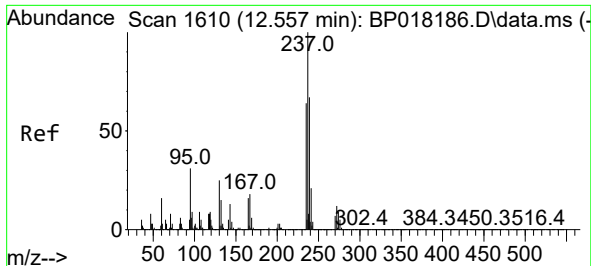
216 100

214 78.6 64.8 97.2

179 23.5 18.3 27.5

108 21.9 15.7 23.5

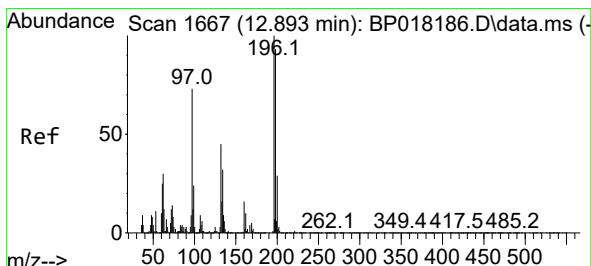
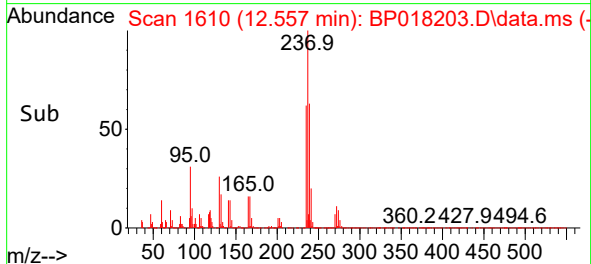
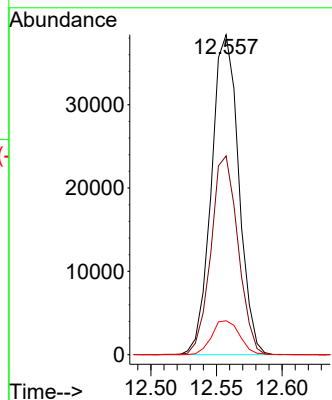
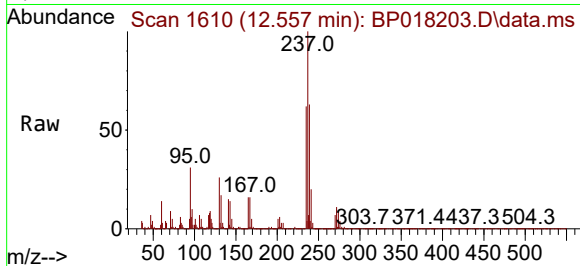




#40
Hexachlorocyclopentadiene
Concen: 20.018 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

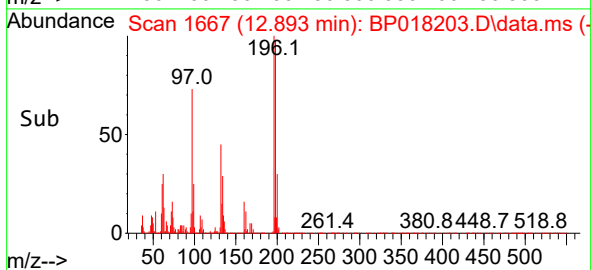
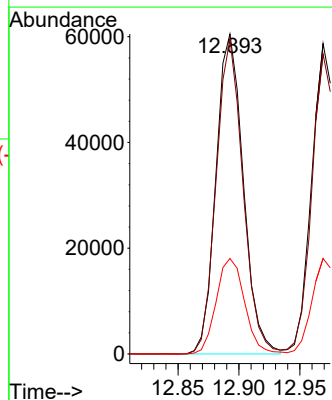
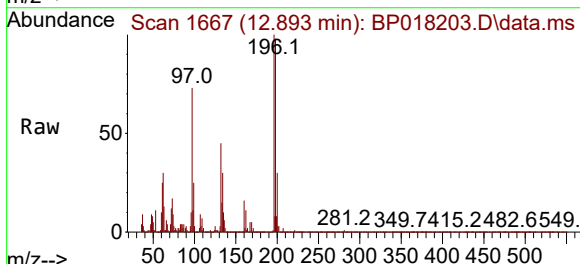
Instrument :
BNA_P
ClientSampleId :
SLCS171

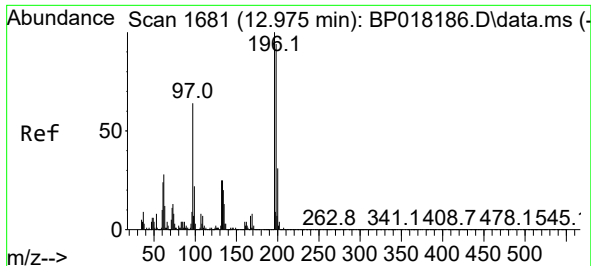
Tgt Ion:237 Resp: 55627
Ion Ratio Lower Upper
237 100
235 62.1 49.9 74.9
272 10.6 8.9 13.3



#41
2,4,6-Trichlorophenol
Concen: 25.012 ng/ul
RT: 12.893 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:196 Resp: 94457
Ion Ratio Lower Upper
196 100
198 98.5 78.9 118.3
200 29.8 25.8 38.8

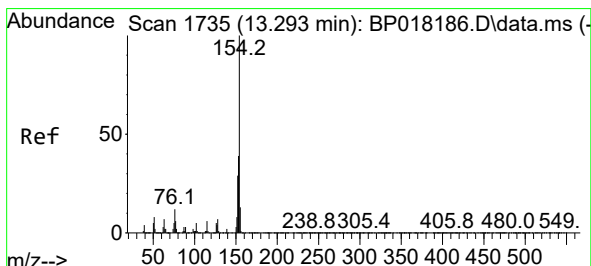
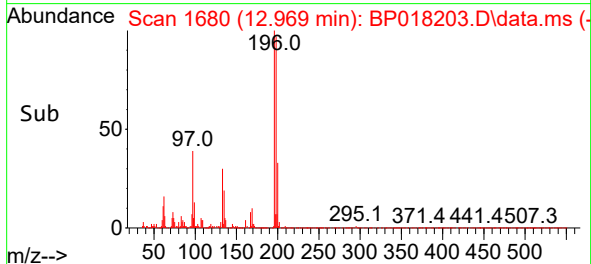
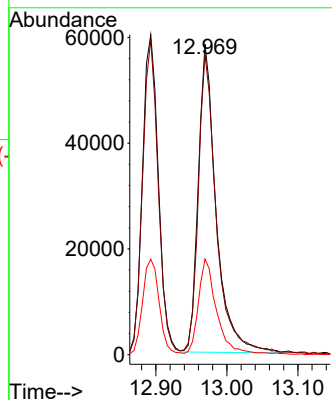
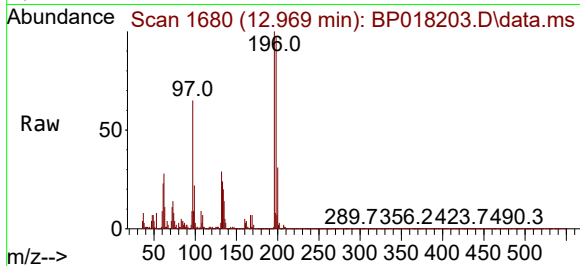




#42
2,4,5-Trichlorophenol
Concen: 25.767 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

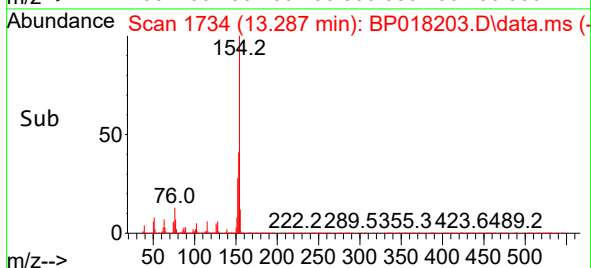
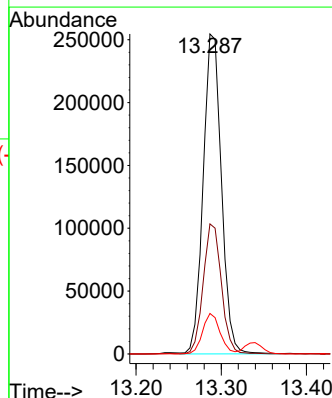
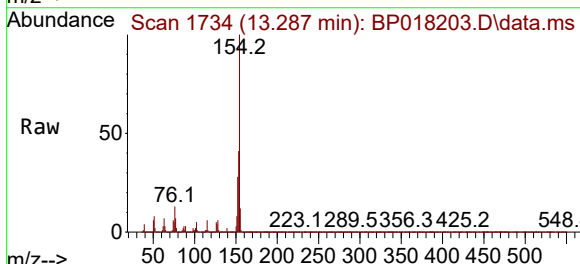
Instrument :
BNA_P
ClientSampleId :
SLCS171

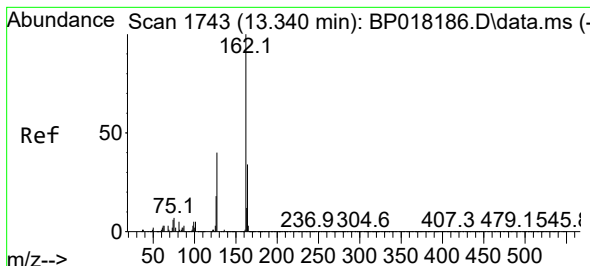
Tgt Ion:196 Resp: 102410
Ion Ratio Lower Upper
196 100
198 96.6 78.9 118.3
200 30.8 26.6 40.0



#43
1,1'-Biphenyl
Concen: 26.105 ng/ul
RT: 13.287 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:154 Resp: 378276
Ion Ratio Lower Upper
154 100
153 40.7 32.4 48.6
76 12.7 9.8 14.8





#44

2-Chloronaphthalene

Concen: 25.792 ng/ul

RT: 13.340 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

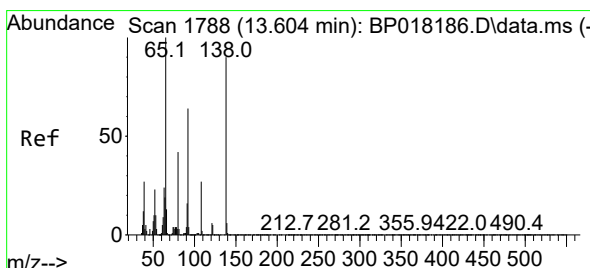
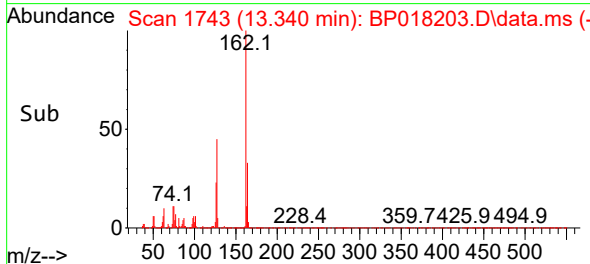
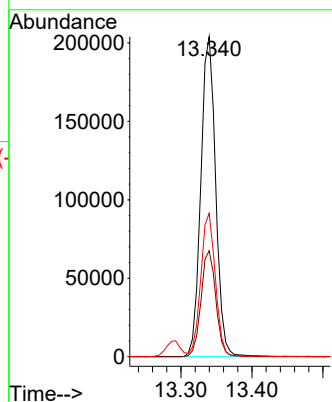
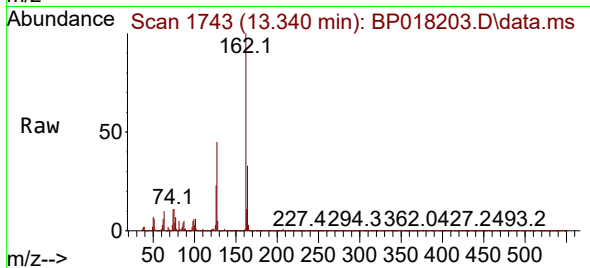
Tgt Ion:162 Resp: 296725

Ion Ratio Lower Upper

162 100

164 33.1 26.9 40.3

127 44.8 35.4 53.2



#45

2-Nitroaniline

Concen: 27.728 ng/ul

RT: 13.599 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

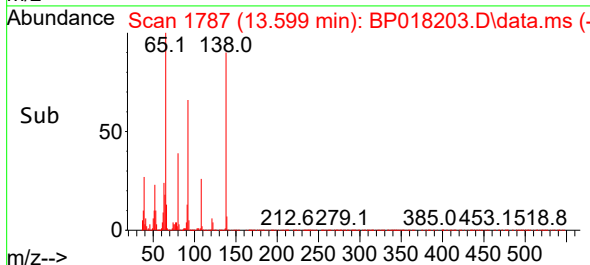
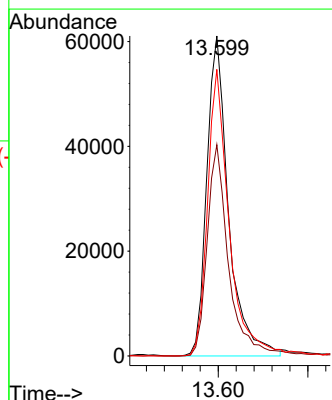
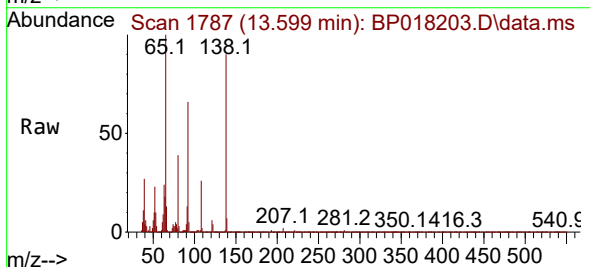
Tgt Ion: 65 Resp: 102941

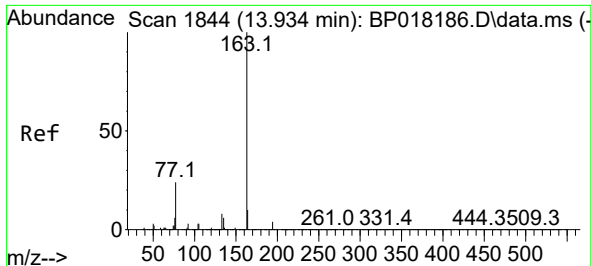
Ion Ratio Lower Upper

65 100

92 66.0 53.8 80.6

138 89.5 75.1 112.7

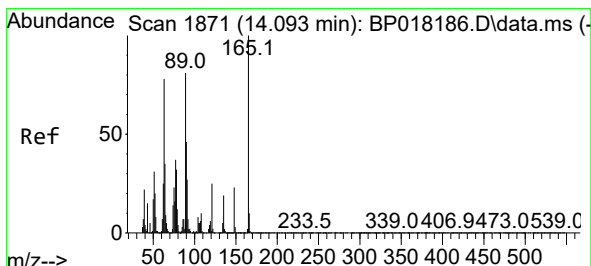
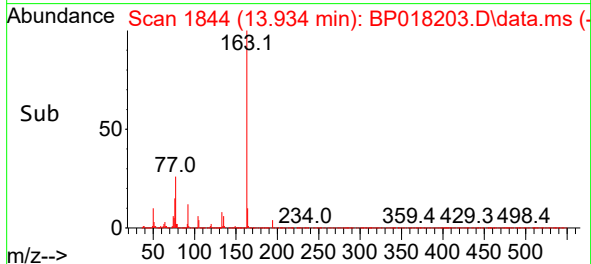
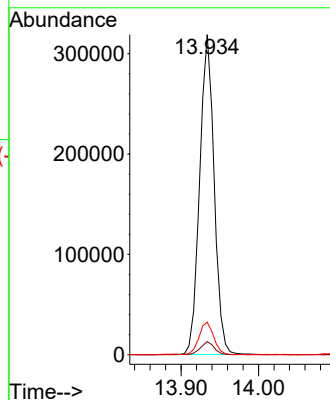
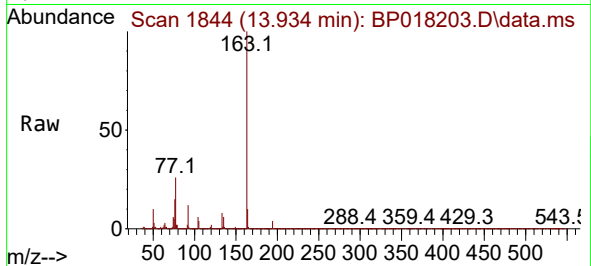




#47
Dimethylphthalate
Concen: 26.812 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

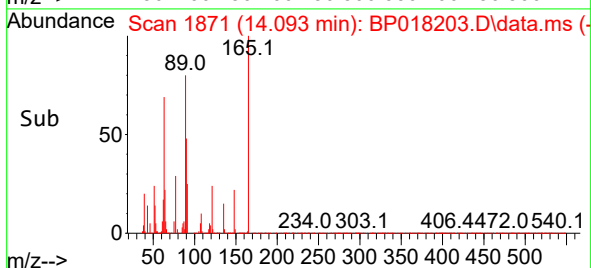
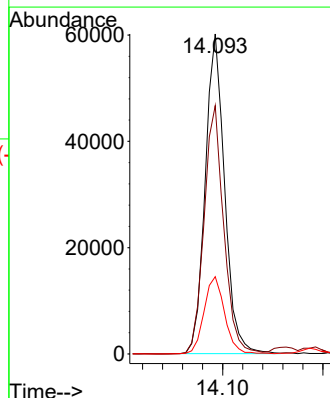
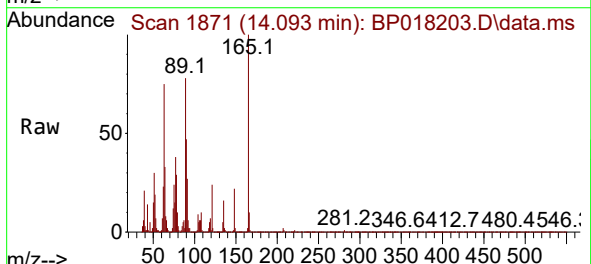
Instrument :
BNA_P
ClientSampleId :
SLCS171

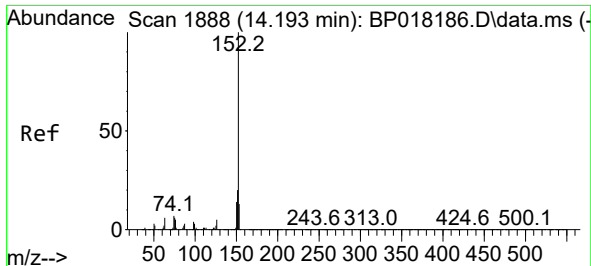
Tgt Ion:163 Resp: 413547
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 26.358 ng/ul
RT: 14.093 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:165 Resp: 80807
Ion Ratio Lower Upper
165 100
89 77.6 59.4 89.0
121 24.2 18.2 27.4

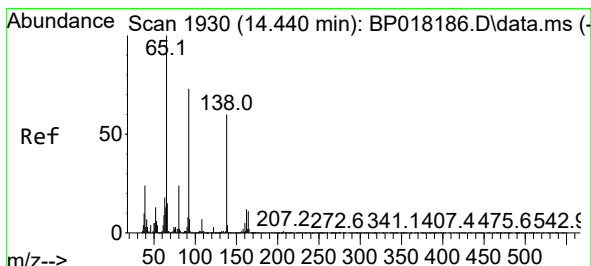
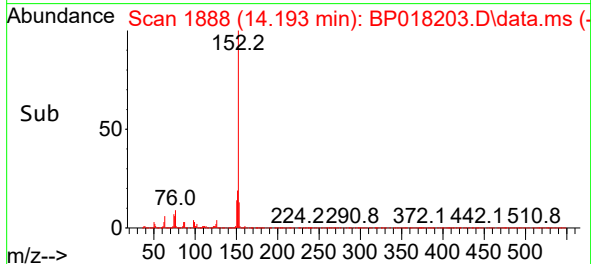
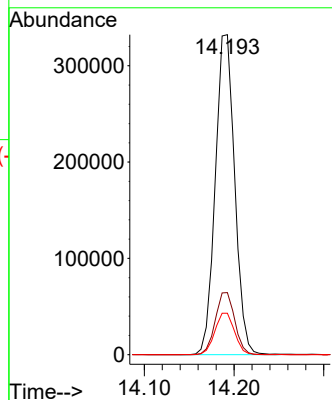
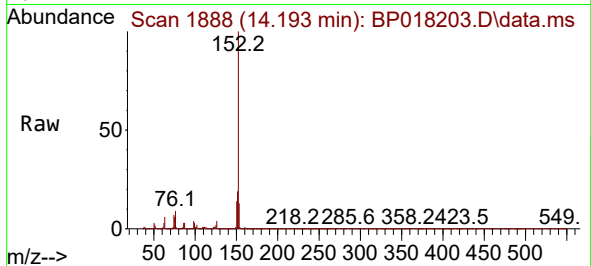




#50
Acenaphthylene
Concen: 25.836 ng/ul
RT: 14.193 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

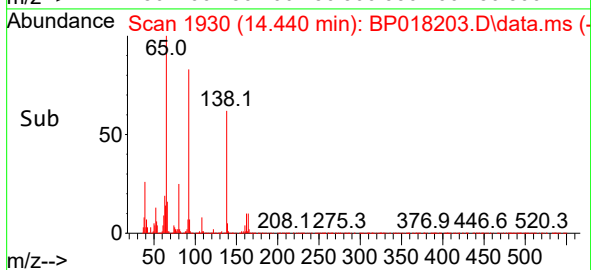
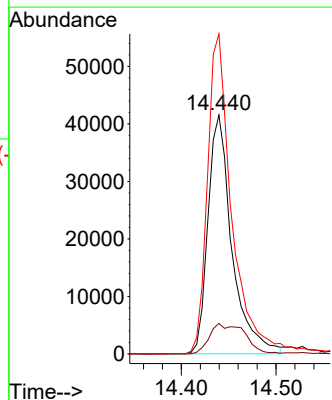
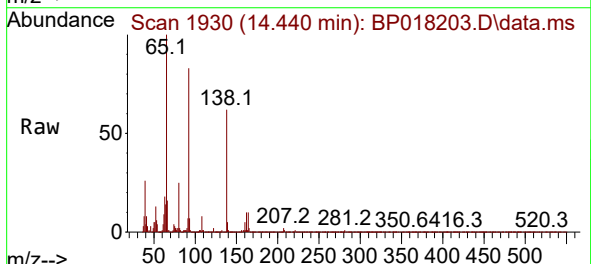
Instrument :
BNA_P
ClientSampleId :
SLCS171

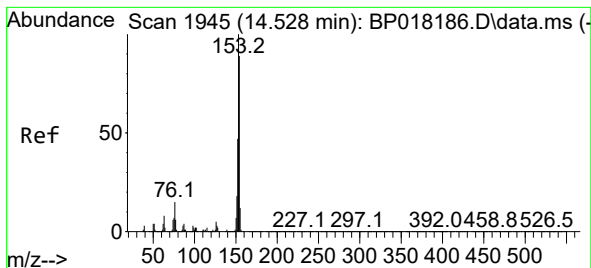
Tgt Ion:152 Resp: 499540
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 13.0 10.4 15.6



#51
3-Nitroaniline
Concen: 25.633 ng/ul
RT: 14.440 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:138 Resp: 72921
Ion Ratio Lower Upper
138 100
108 12.8 8.3 12.5#
92 134.0 99.0 148.4





#52

Acenaphthene

Concen: 26.181 ng/ul

RT: 14.528 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

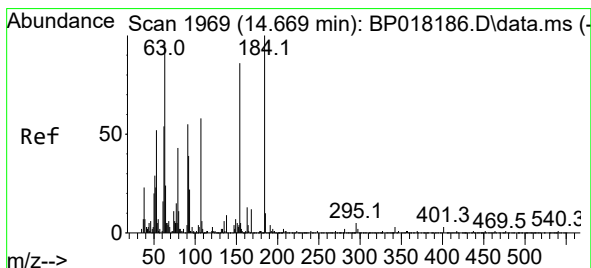
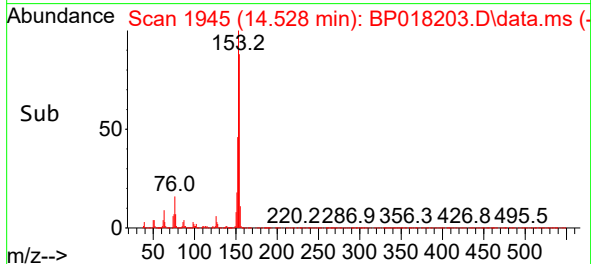
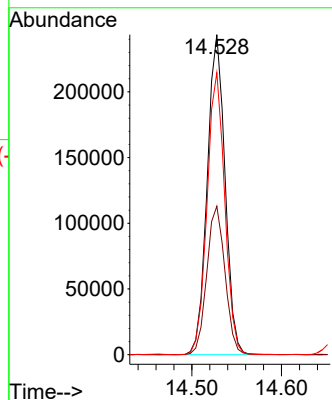
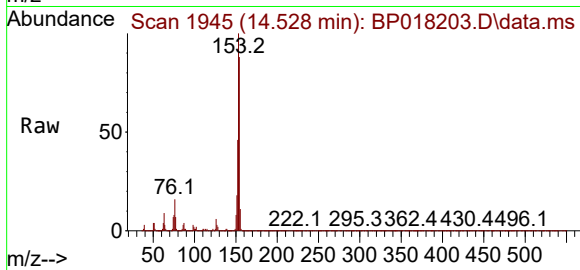
Tgt Ion:153 Resp: 335671

Ion Ratio Lower Upper

153 100

152 46.4 39.0 58.6

154 88.1 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 15.398 ng/ul

RT: 14.657 min Scan# 1967

Delta R.T. -0.017 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

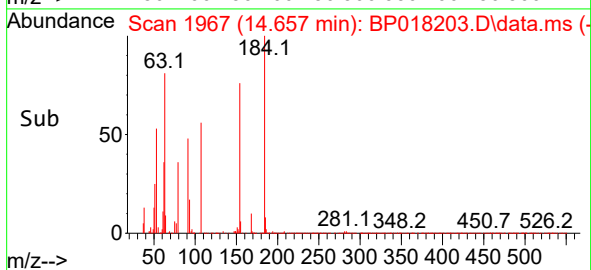
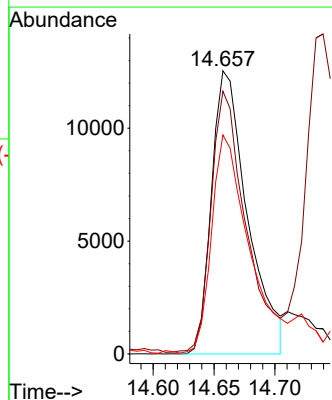
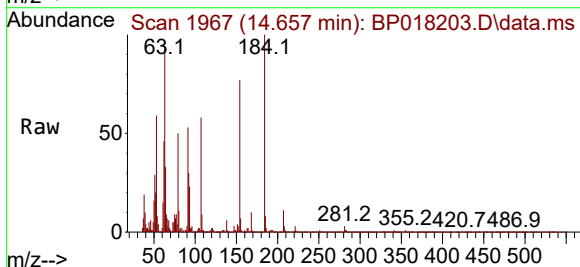
Tgt Ion:184 Resp: 25753

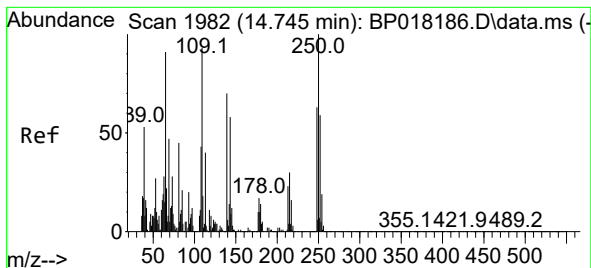
Ion Ratio Lower Upper

184 100

63 92.8 67.7 101.5

154 77.3 60.2 90.4

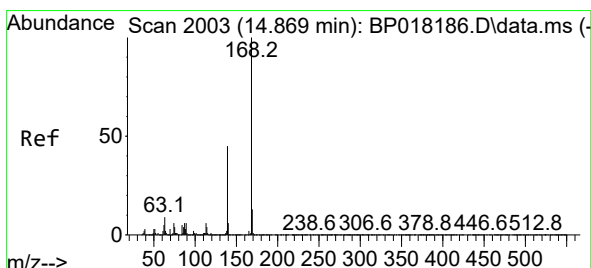
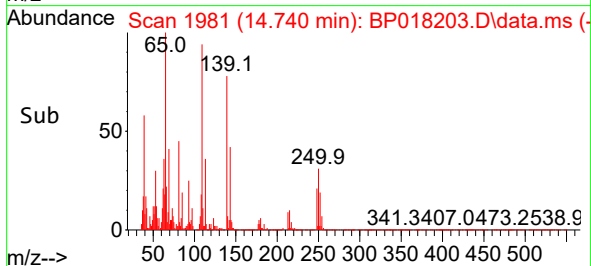
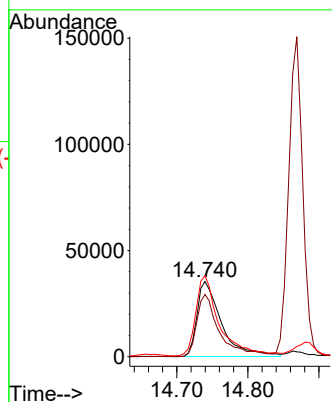
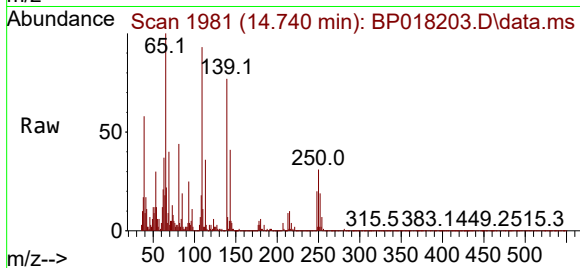




#55
4-Nitrophenol
Concen: 27.262 ng/ul
RT: 14.740 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

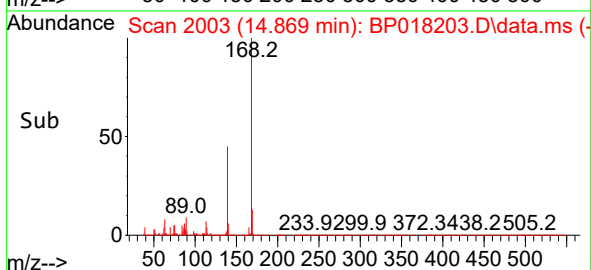
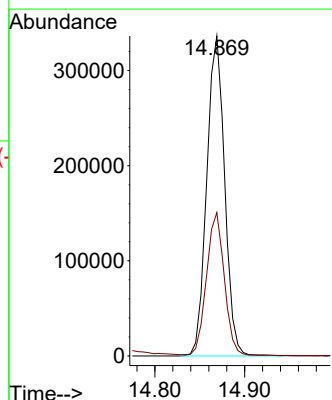
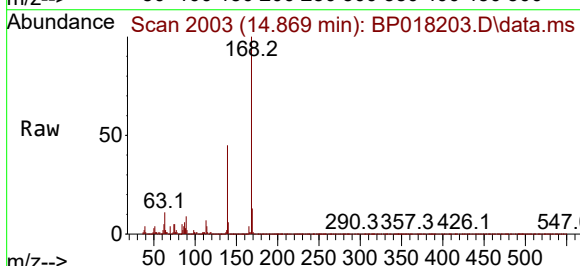
Instrument :
BNA_P
ClientSampleId :
SLCS171

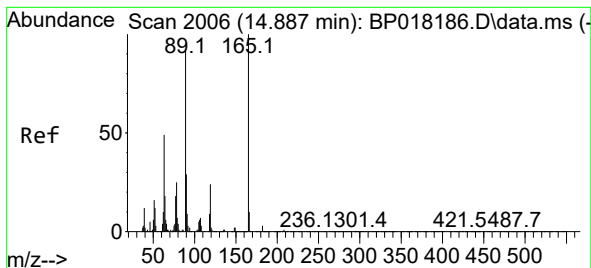
Tgt Ion:109 Resp: 85025
Ion Ratio Lower Upper
109 100
139 82.7 74.9 112.3
65 107.7 93.8 140.6



#56
Dibenzofuran
Concen: 26.513 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:168 Resp: 465831
Ion Ratio Lower Upper
168 100
139 44.8 34.0 51.0

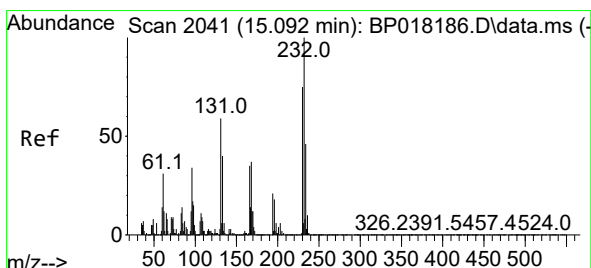
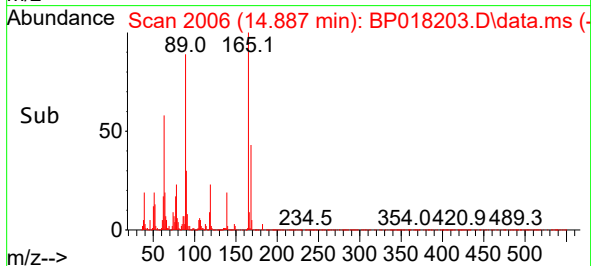
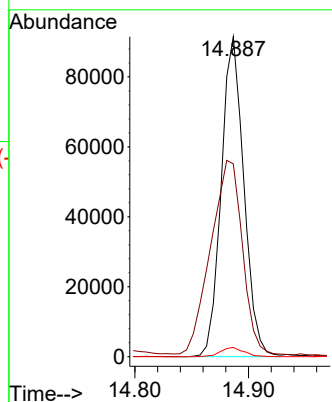
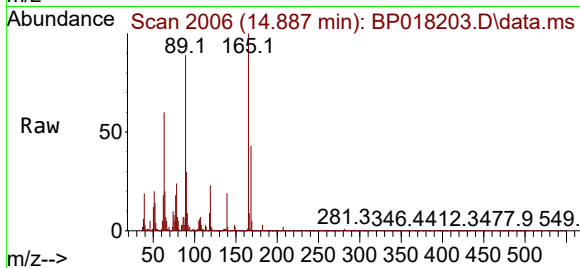




#57
2,4-Dinitrotoluene
Concen: 27.574 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

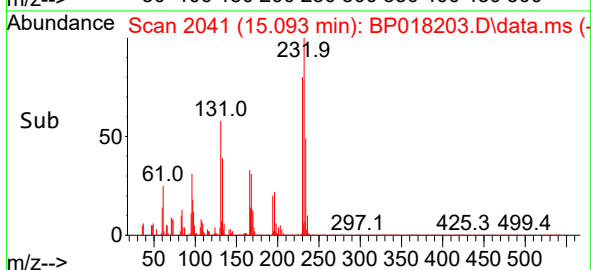
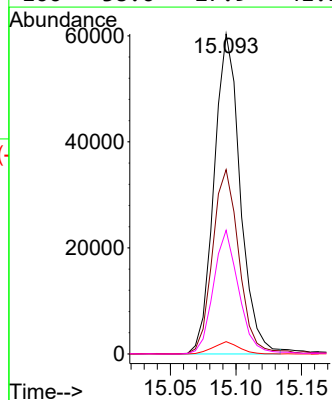
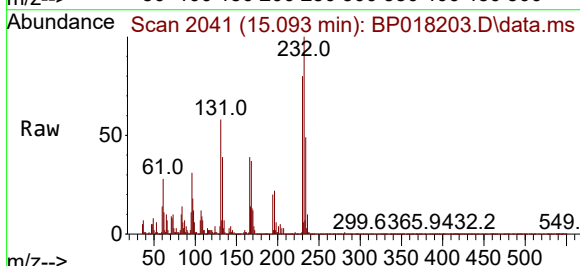
Instrument :
BNA_P
ClientSampleId :
SLCS171

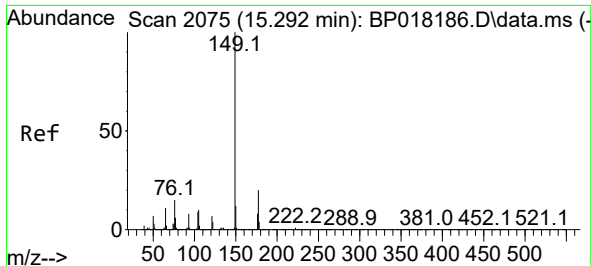
Tgt Ion:165 Resp: 126298
Ion Ratio Lower Upper
165 100
63 60.2 48.6 72.8
182 2.9 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.682 ng/ul
RT: 15.093 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:232 Resp: 83730
Ion Ratio Lower Upper
232 100
131 57.6 44.1 66.1
130 3.9 2.5 3.7#
166 38.6 27.9 41.9

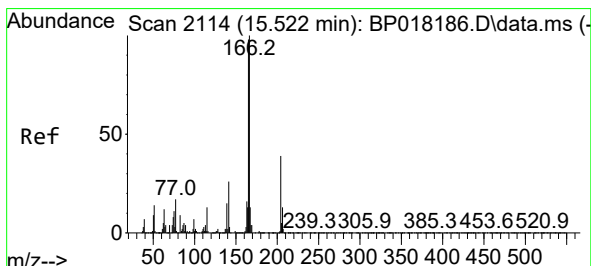
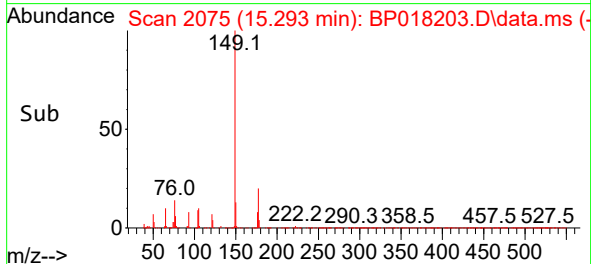
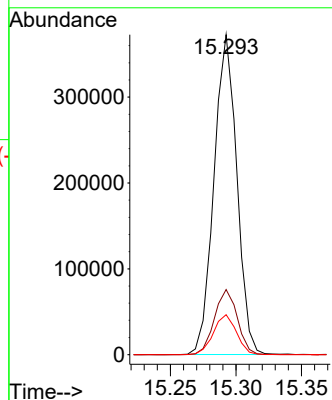
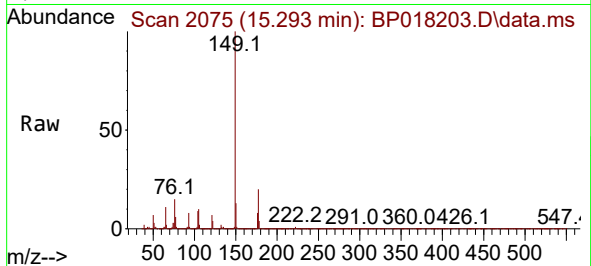




#59
Diethylphthalate
Concen: 28.003 ng/ul
RT: 15.293 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

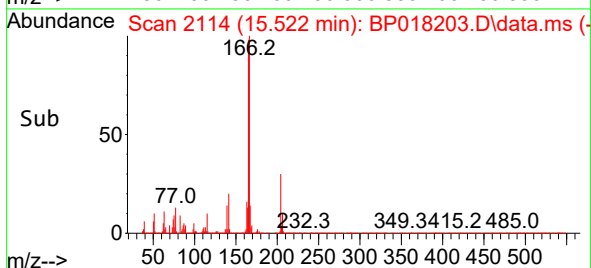
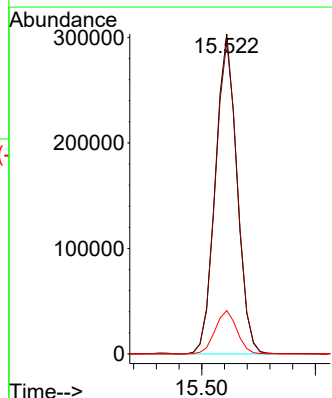
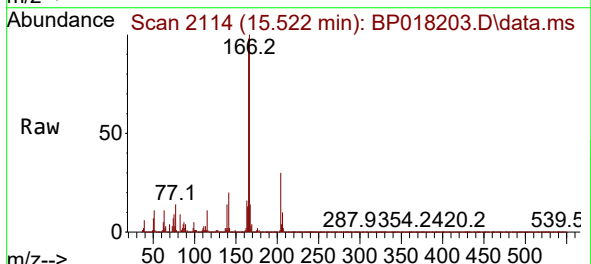
Instrument :
BNA_P
ClientSampleId :
SLCS171

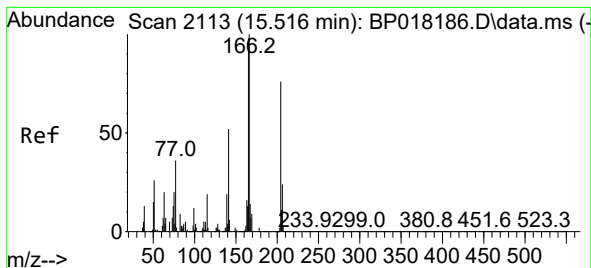
Tgt Ion:149 Resp: 451255
Ion Ratio Lower Upper
149 100
177 20.3 16.3 24.5
150 12.5 10.0 15.0



#61
Fluorene
Concen: 26.832 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:166 Resp: 400248
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 13.5 10.6 16.0

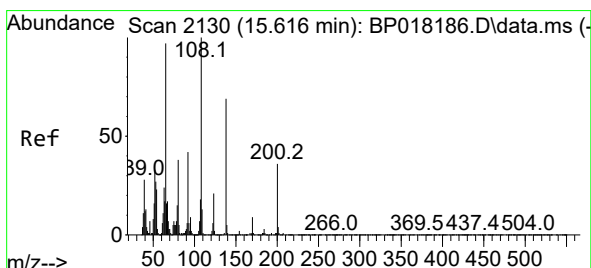
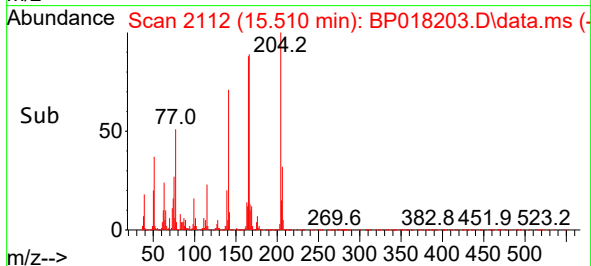
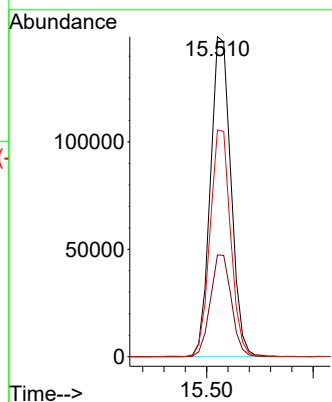
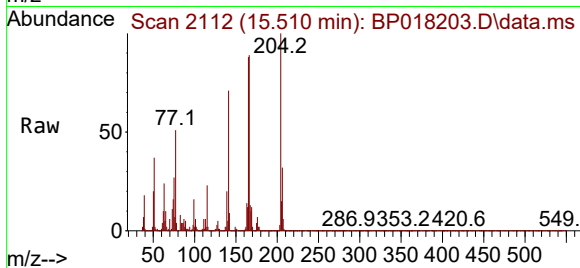




#62
4-Chlorophenyl-phenylether
Concen: 27.272 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

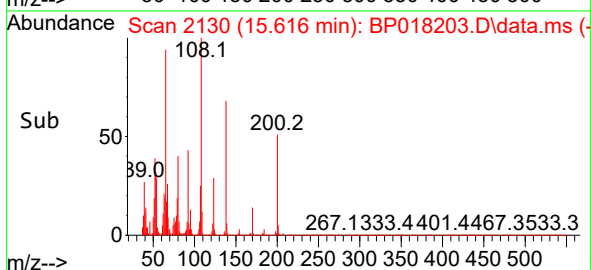
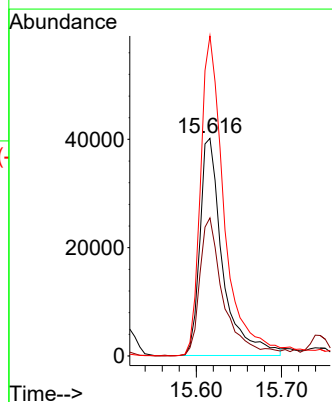
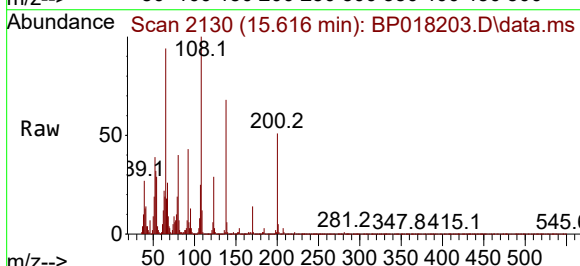
Instrument :
BNA_P
ClientSampleId :
SLCS171

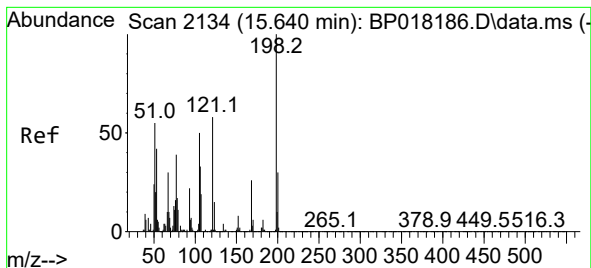
Tgt Ion:204 Resp: 199356
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 70.8 56.0 84.0



#63
4-Nitroaniline
Concen: 27.803 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:138 Resp: 74637
Ion Ratio Lower Upper
138 100
92 63.4 46.6 70.0
108 147.0 104.7 157.1

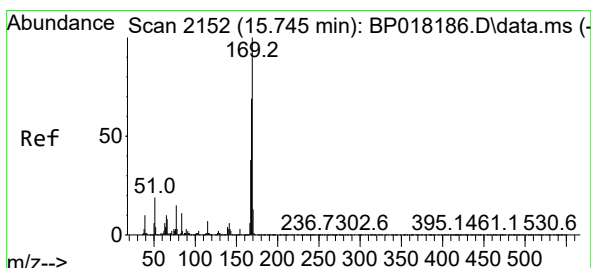
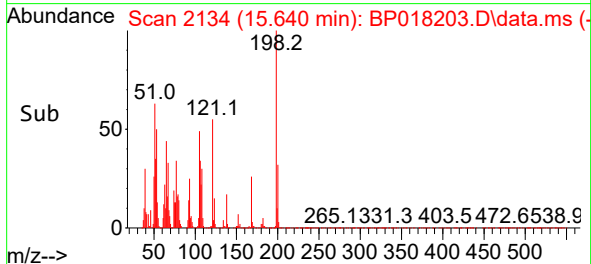
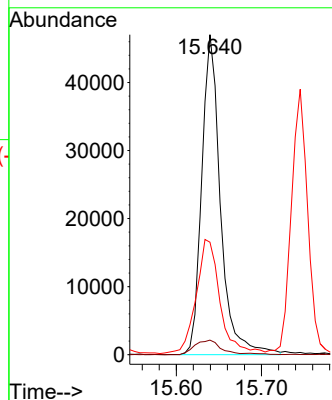
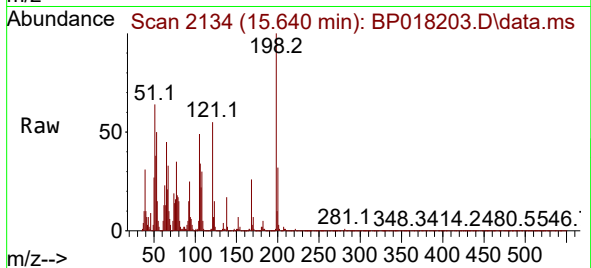




#66
 4,6-Dinitro-2-methylphenol
 Concen: 24.624 ng/ul
 RT: 15.640 min Scan# 2134
 Delta R.T. -0.006 min
 Lab File: BP018203.D
 Acq: 16 Nov 2023 08:21

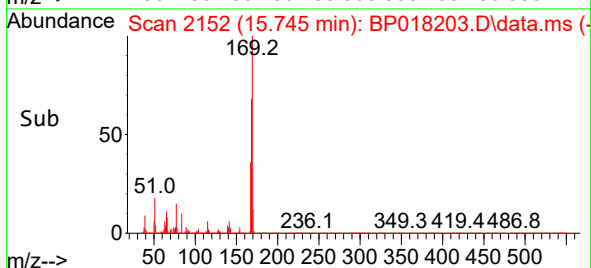
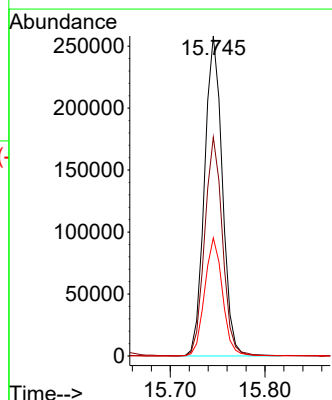
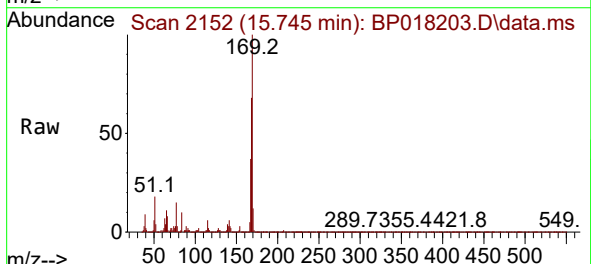
Instrument :
 BNA_P
 ClientSampleId :
 SLCS171

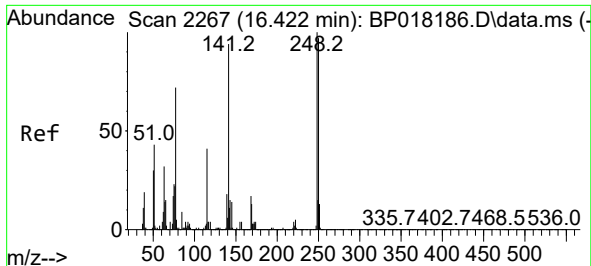
Tgt Ion:198 Resp: 71979
 Ion Ratio Lower Upper
 198 100
 182 4.6 3.8 5.6
 77 35.1 27.2 40.8



#67
 N-Nitrosodiphenylamine
 Concen: 26.937 ng/ul
 RT: 15.745 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BP018203.D
 Acq: 16 Nov 2023 08:21

Tgt Ion:169 Resp: 336632
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.8 80.8
 167 36.9 29.8 44.6

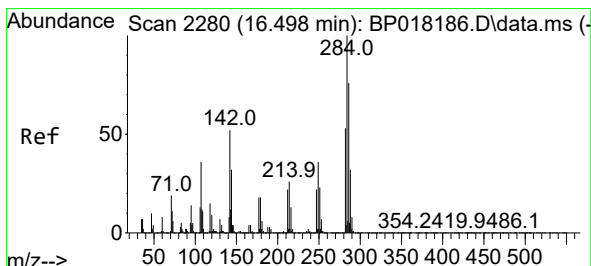
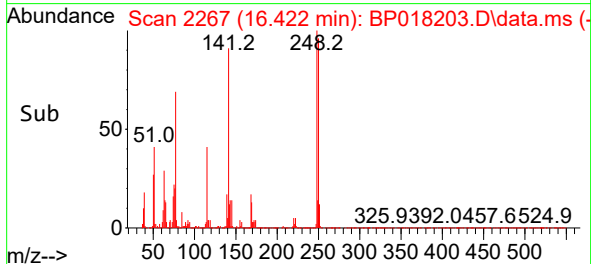
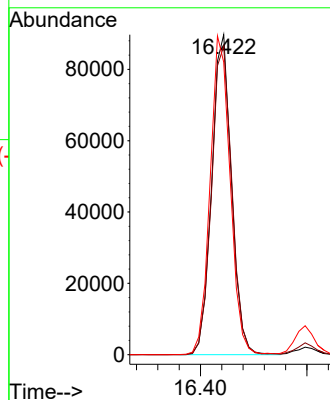
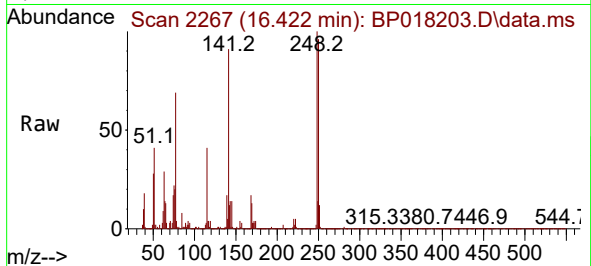




#68
4-Bromophenyl-phenylether
Concen: 26.277 ng/ul
RT: 16.422 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

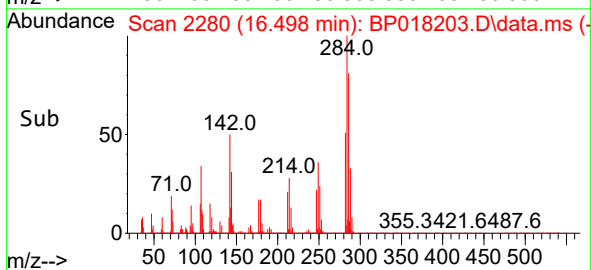
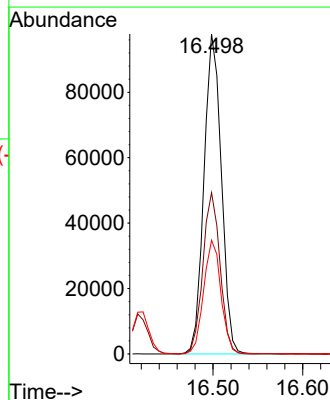
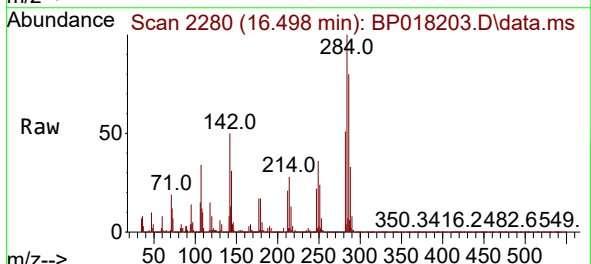
Instrument :
BNA_P
ClientSampleId :
SLCS171

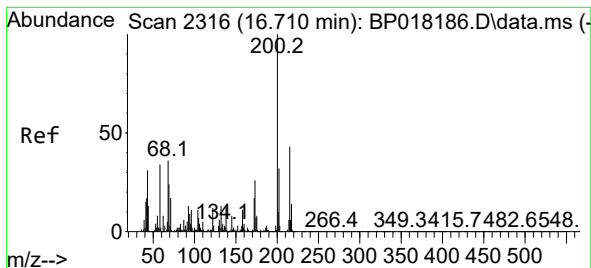
Tgt Ion:248 Resp: 115403
Ion Ratio Lower Upper
248 100
250 96.4 72.7 109.1
141 91.4 70.4 105.6



#69
Hexachlorobenzene
Concen: 26.844 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018203.D
Acq: 16 Nov 2023 08:21

Tgt Ion:284 Resp: 131550
Ion Ratio Lower Upper
284 100
142 50.4 38.9 58.3
249 35.5 28.6 43.0





#70

Atrazine

Concen: 16.546 ng/ul

RT: 16.710 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

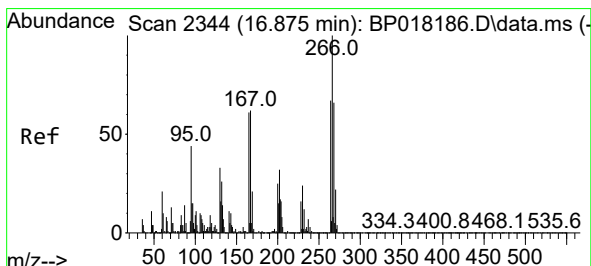
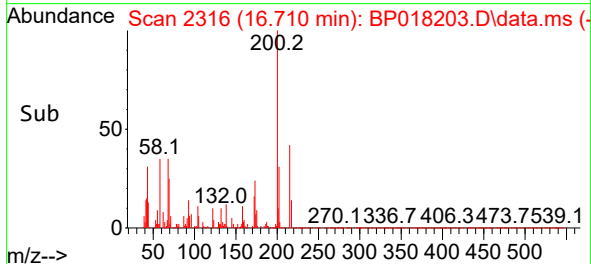
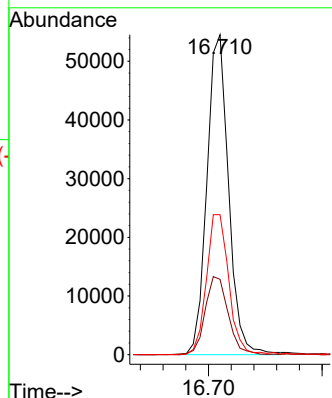
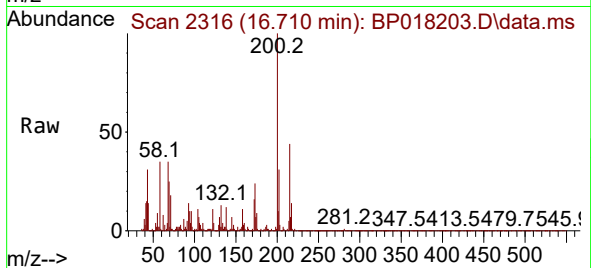
Tgt Ion:200 Resp: 72129

Ion Ratio Lower Upper

200 100

173 23.6 20.2 30.2

215 43.8 37.8 56.8



#71

Pentachlorophenol

Concen: 12.307 ng/ul

RT: 16.881 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

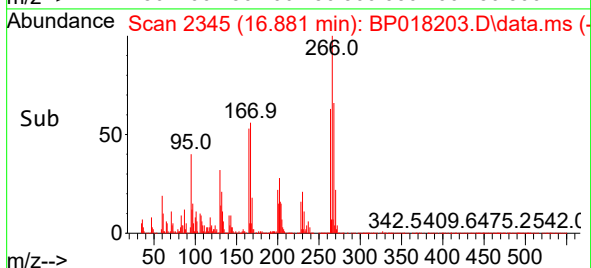
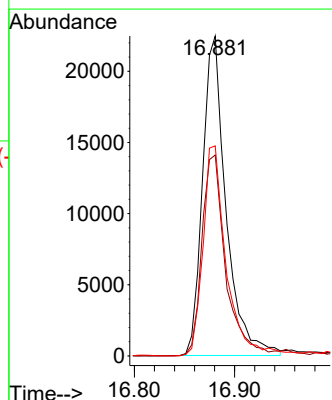
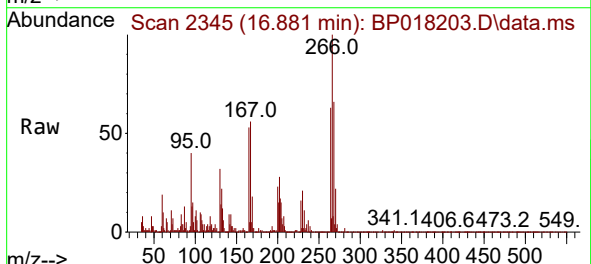
Tgt Ion:266 Resp: 36611

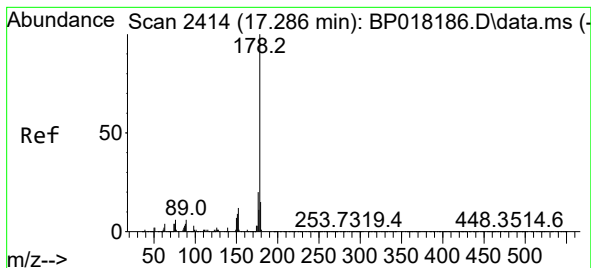
Ion Ratio Lower Upper

266 100

264 62.8 50.7 76.1

268 65.6 52.4 78.6





#72

Phenanthrene

Concen: 27.453 ng/ul

RT: 17.287 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

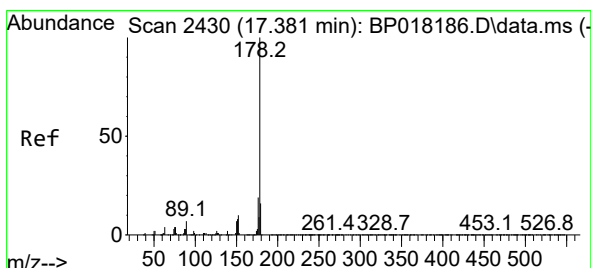
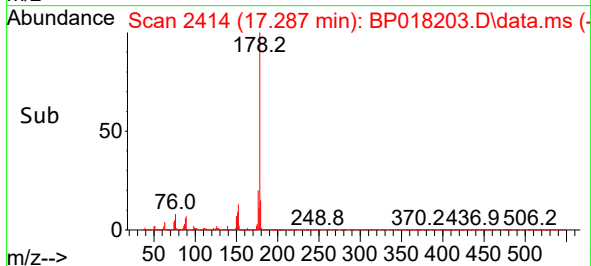
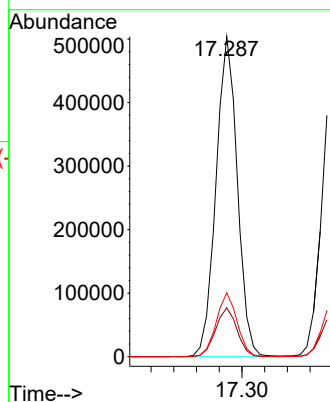
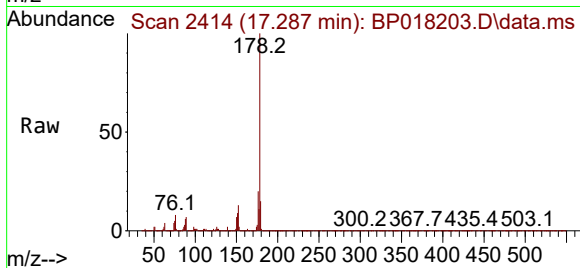
Tgt Ion:178 Resp: 656839

Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

176 20.0 15.5 23.3



#74

Anthracene

Concen: 27.166 ng/ul

RT: 17.381 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

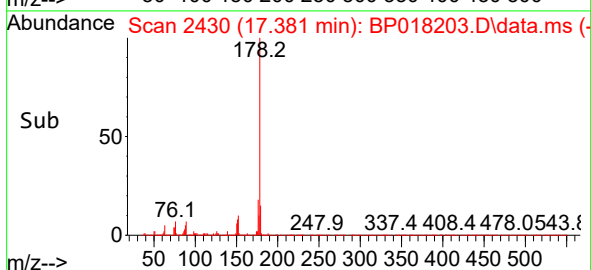
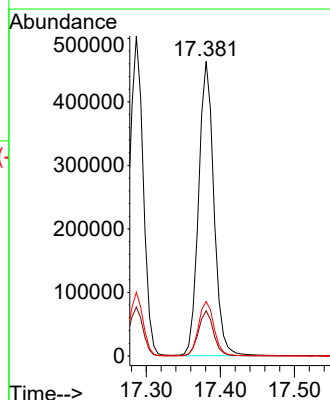
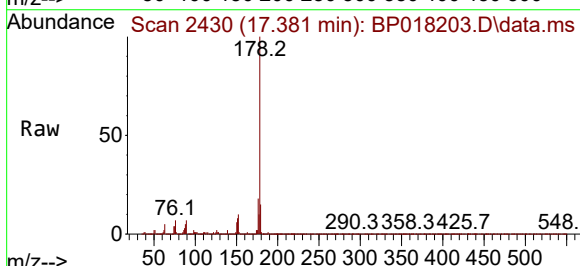
Tgt Ion:178 Resp: 663289

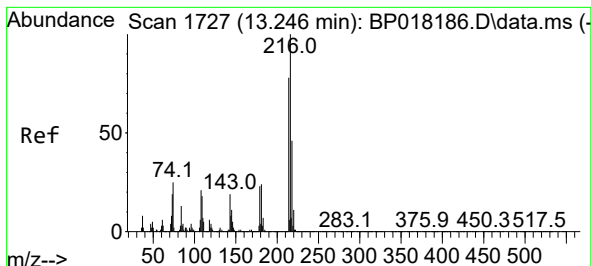
Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 18.5 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.742 ng/uL

RT: 13.240 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

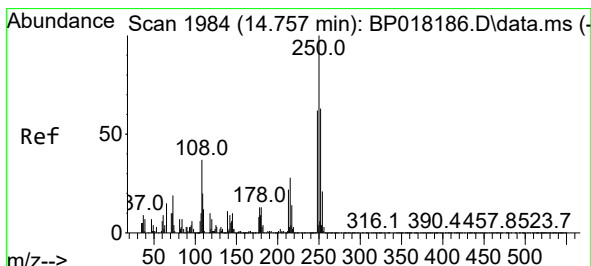
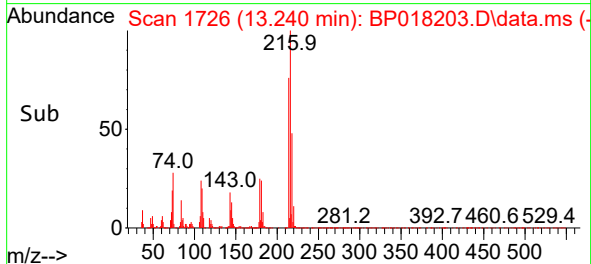
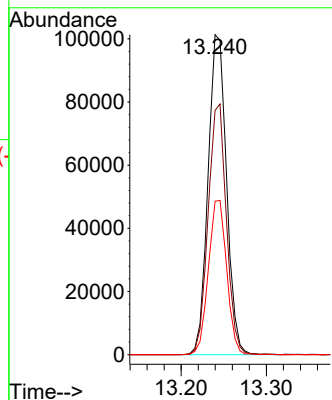
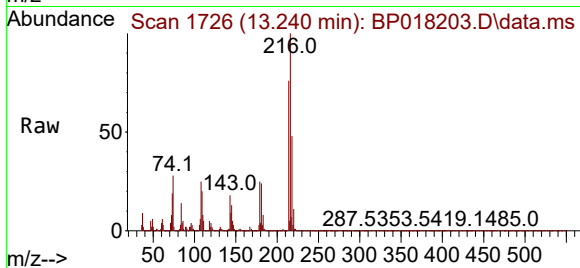
Tgt Ion:216 Resp: 153178

Ion Ratio Lower Upper

216 100

214 76.4 64.0 96.0

218 48.0 39.0 58.4



#76

Pentachlorobenzene

Concen: 26.232 ng/uL

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

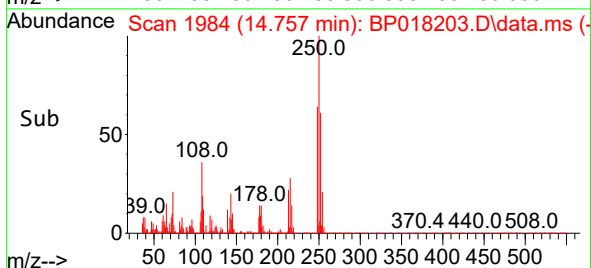
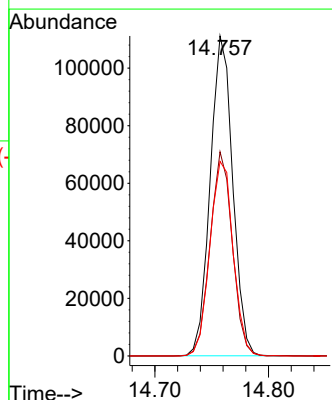
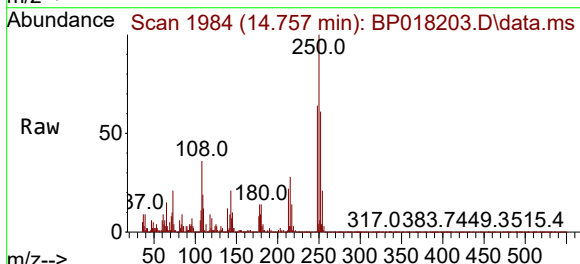
Tgt Ion:250 Resp: 152811

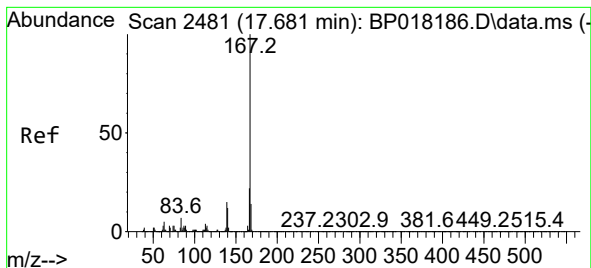
Ion Ratio Lower Upper

250 100

248 63.8 52.7 79.1

252 60.8 52.3 78.5





#77

Carbazole

Concen: 28.353 ng/ul

RT: 17.681 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

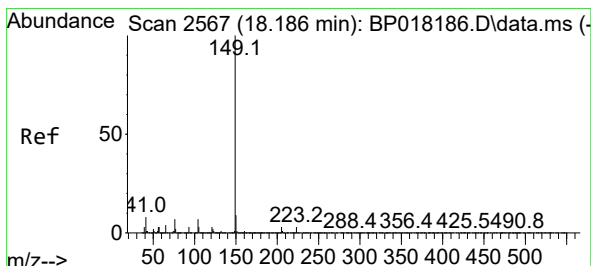
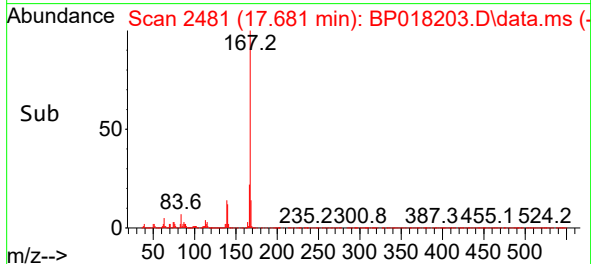
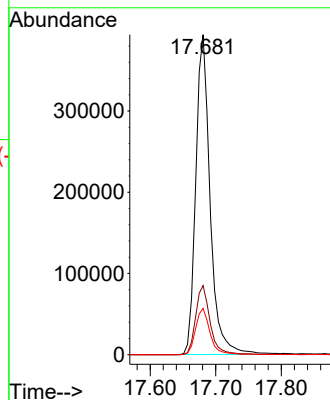
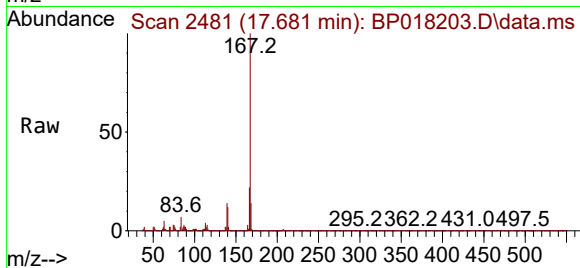
Tgt Ion:167 Resp: 601159

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

139 14.4 11.4 17.0



#78

Di-n-butylphthalate

Concen: 30.033 ng/ul

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

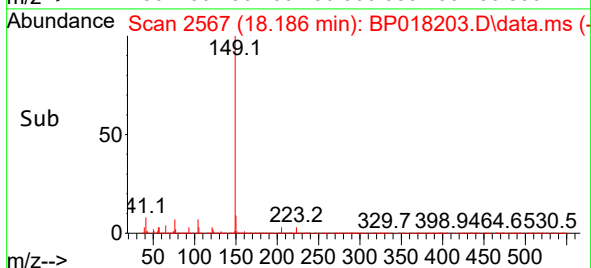
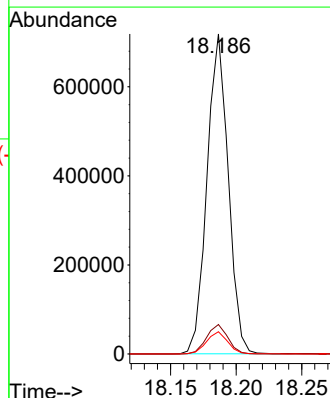
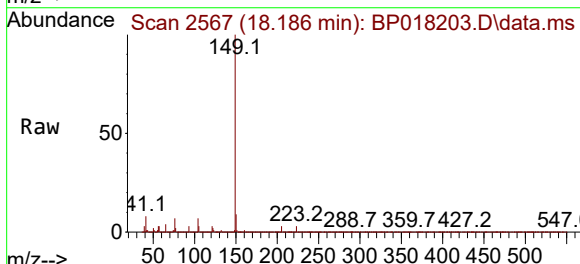
Tgt Ion:149 Resp: 807948

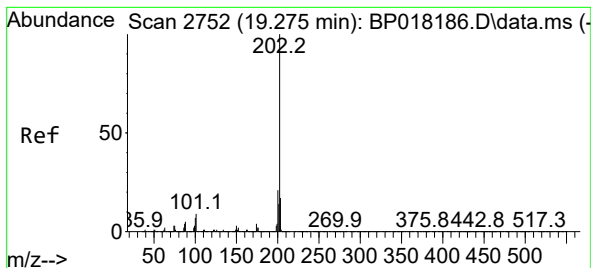
Ion Ratio Lower Upper

149 100

150 9.2 6.7 10.1

104 6.9 5.1 7.7





#80

Fluoranthene

Concen: 26.422 ng/ul

RT: 19.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

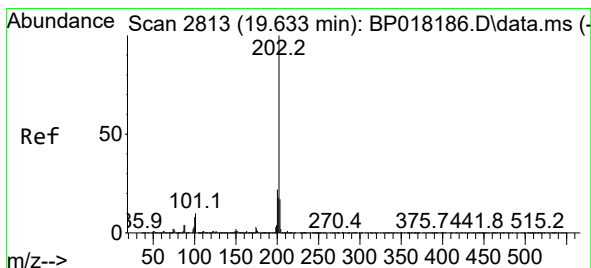
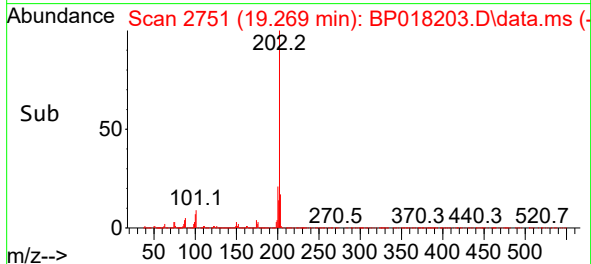
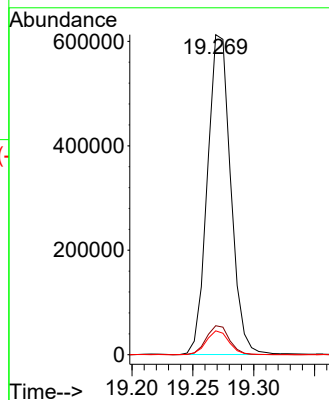
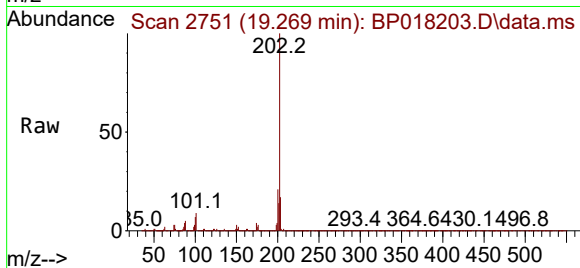
Tgt Ion:202 Resp: 813187

Ion Ratio Lower Upper

202 100

101 9.1 7.2 10.8

100 7.5 5.8 8.6



#82

Pyrene

Concen: 26.618 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

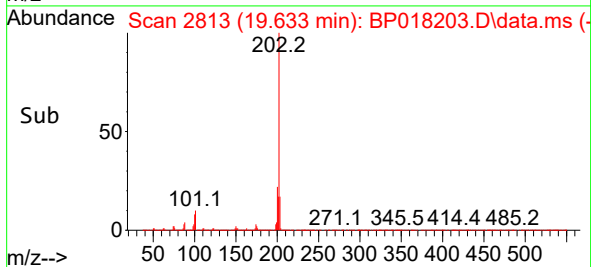
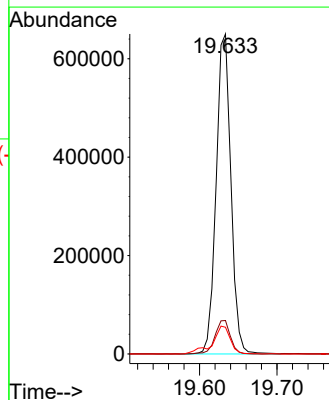
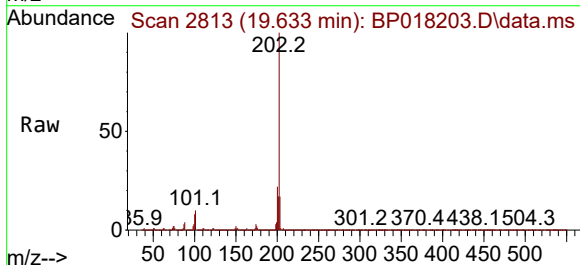
Tgt Ion:202 Resp: 858453

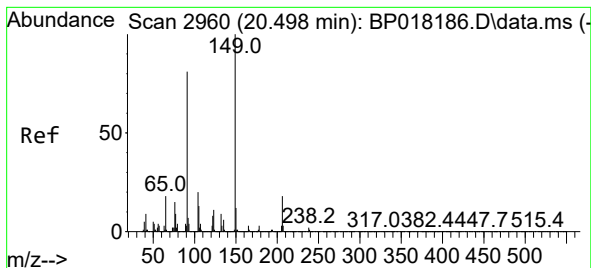
Ion Ratio Lower Upper

202 100

101 10.5 8.3 12.5

100 8.4 7.4 11.2





#83

Butylbenzylphthalate

Concen: 29.131 ng/ul

RT: 20.498 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

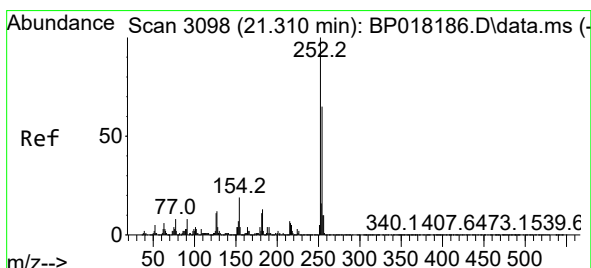
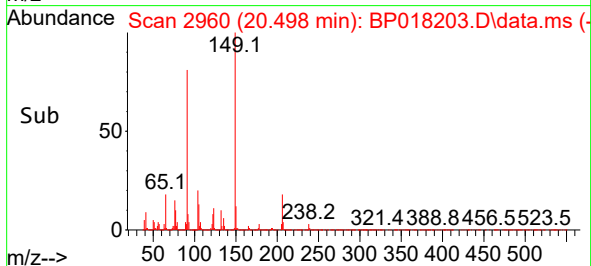
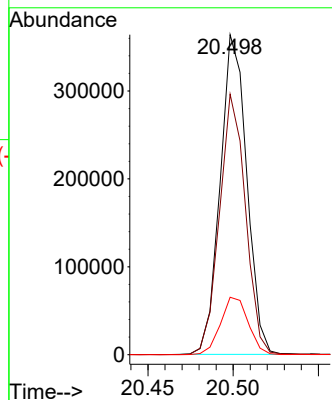
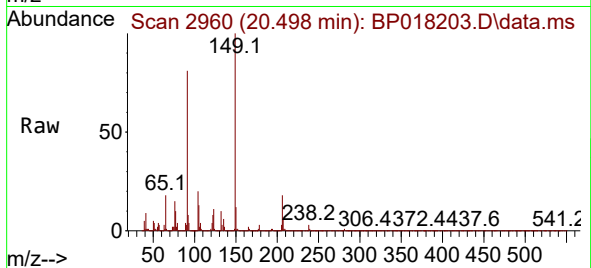
Tgt Ion:149 Resp: 395104

Ion Ratio Lower Upper

149 100

91 81.4 59.6 89.4

206 17.9 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 26.546 ng/ul

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

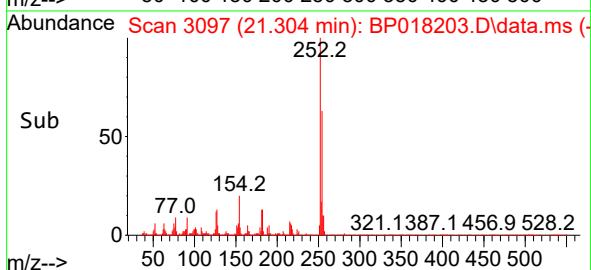
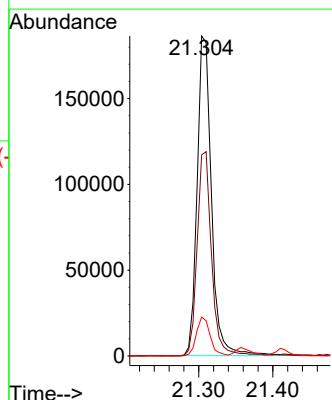
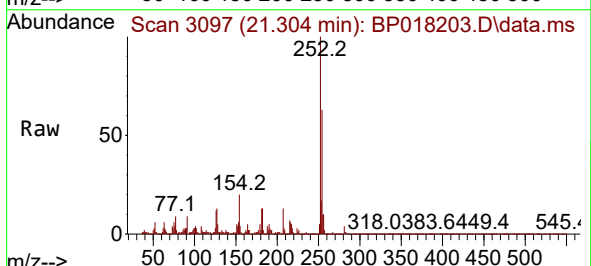
Tgt Ion:252 Resp: 250224

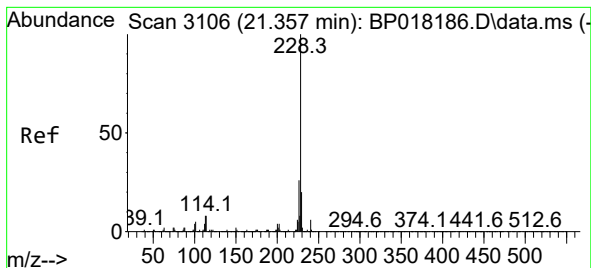
Ion Ratio Lower Upper

252 100

254 62.8 48.9 73.3

126 12.1 9.4 14.0





#85

Benzo(a)anthracene

Concen: 27.362 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

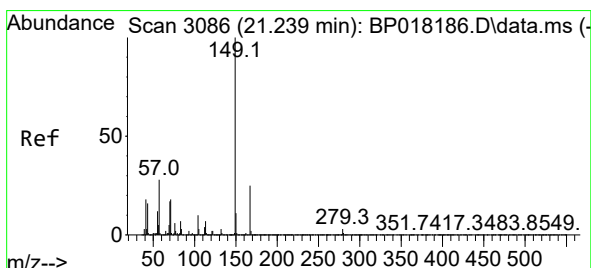
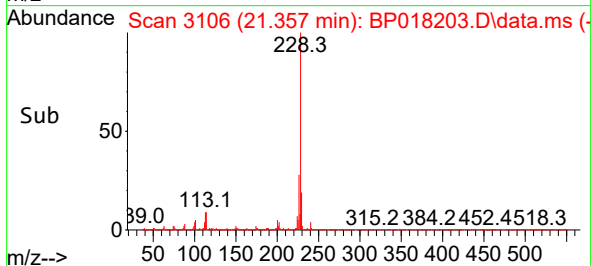
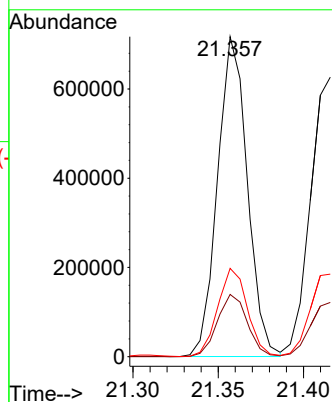
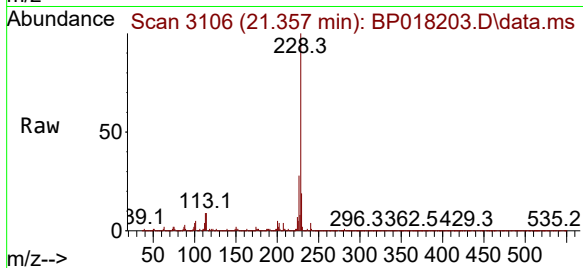
Tgt Ion:228 Resp: 871701

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.0

226 27.6 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.750 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

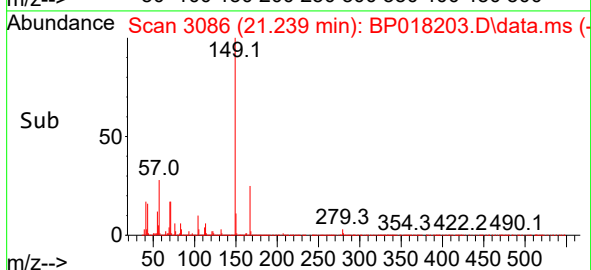
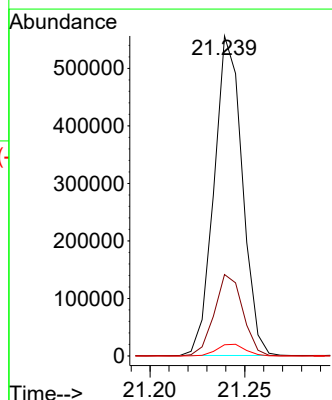
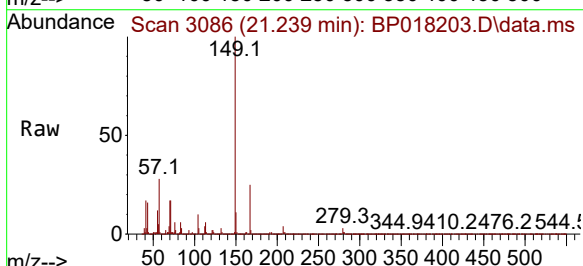
Tgt Ion:149 Resp: 575002

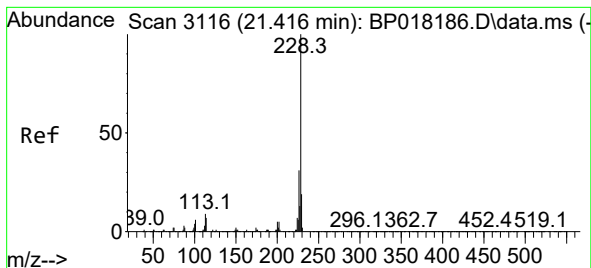
Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

279 3.5 3.2 4.8





#87

Chrysene

Concen: 27.404 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

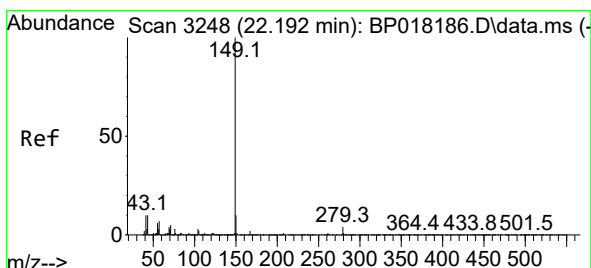
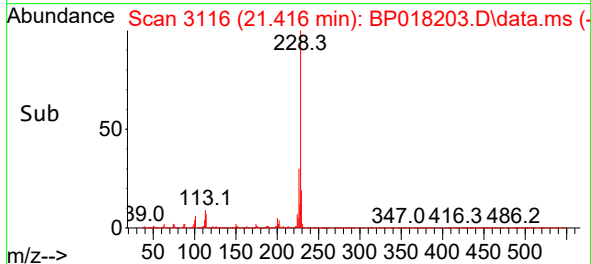
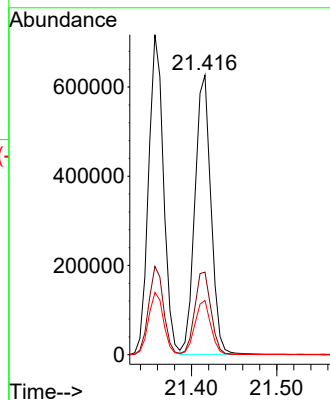
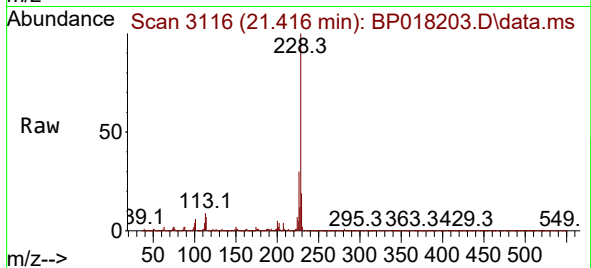
Tgt Ion:228 Resp: 816746

Ion Ratio Lower Upper

228 100

226 29.6 23.1 34.7

229 19.4 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 31.485 ng/ul

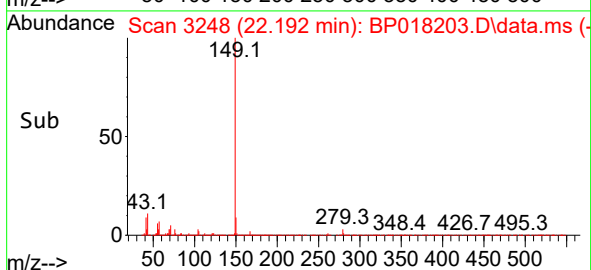
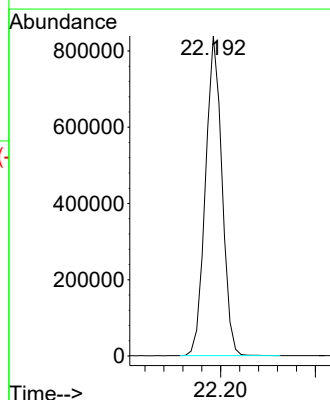
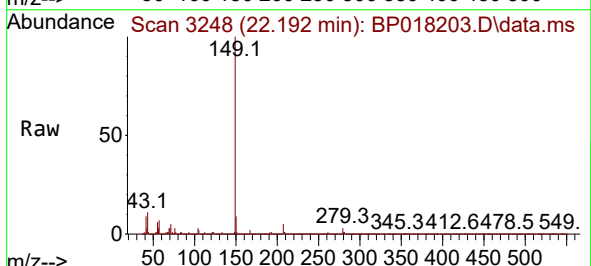
RT: 22.192 min Scan# 3248

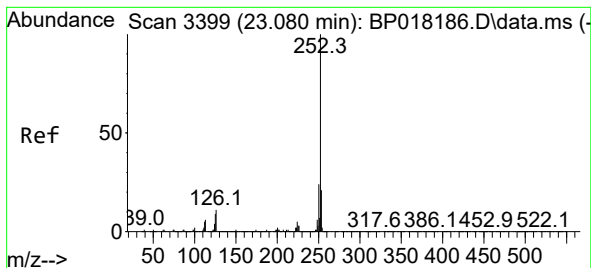
Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Tgt Ion:149 Resp: 1010447





#90

Benzo(b)fluoranthene

Concen: 28.045 ng/ul

RT: 23.080 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

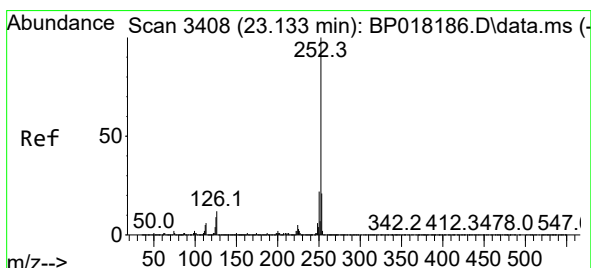
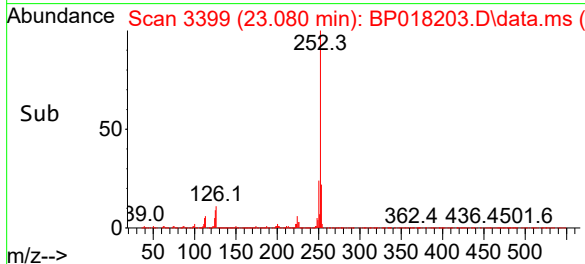
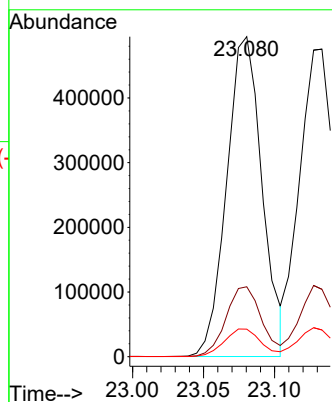
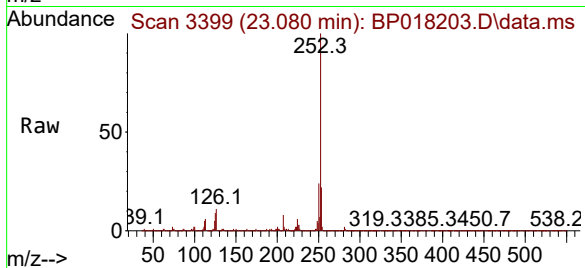
Tgt Ion:252 Resp: 856515

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 8.6 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 27.677 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

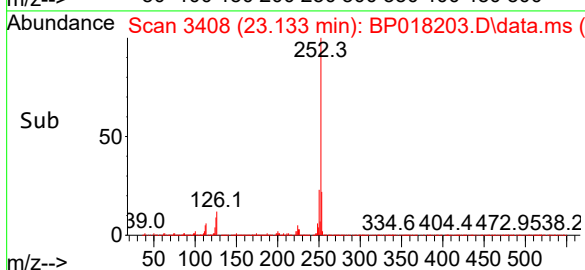
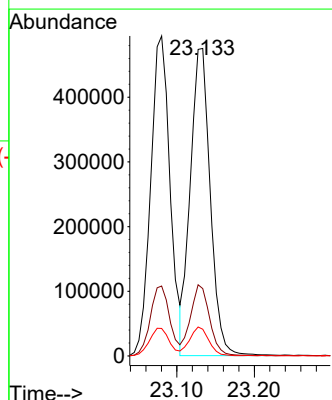
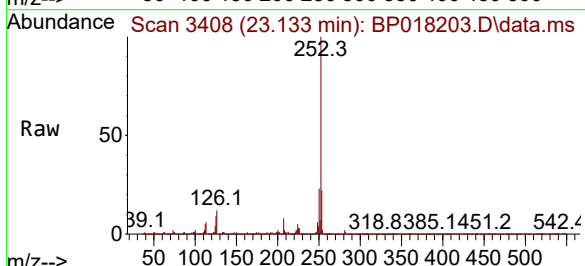
Tgt Ion:252 Resp: 850418

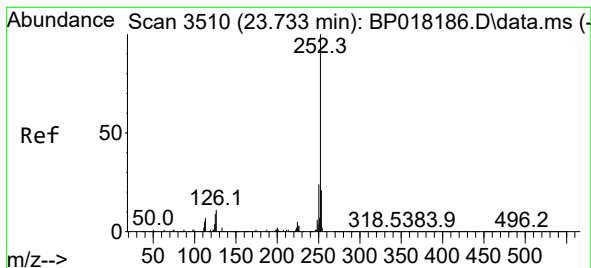
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 8.7 6.8 10.2





#93

Benzo(a)pyrene

Concen: 27.945 ng/ul

RT: 23.733 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

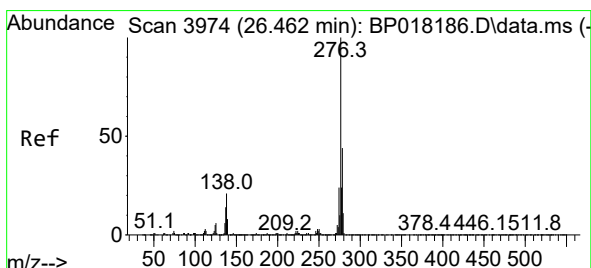
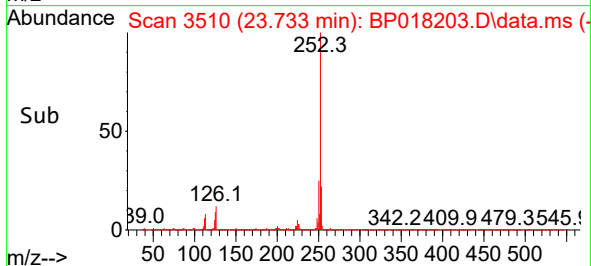
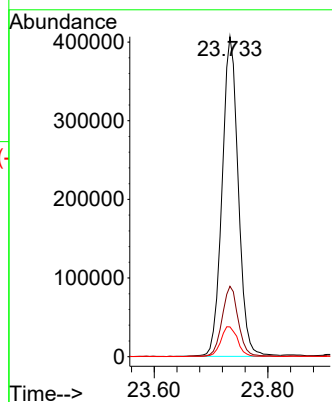
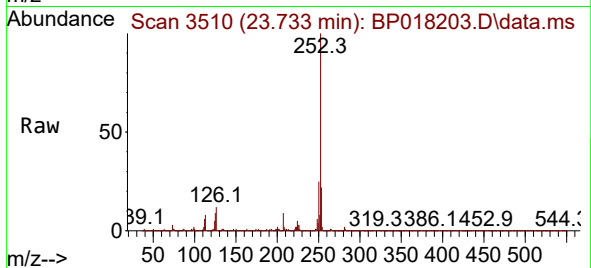
Tgt Ion:252 Resp: 805991

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.3 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.423 ng/ul

RT: 26.468 min Scan# 3975

Delta R.T. 0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

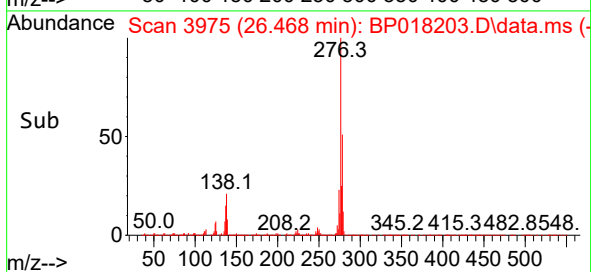
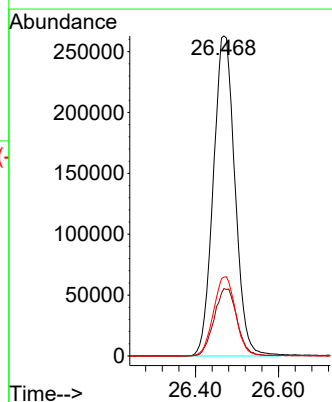
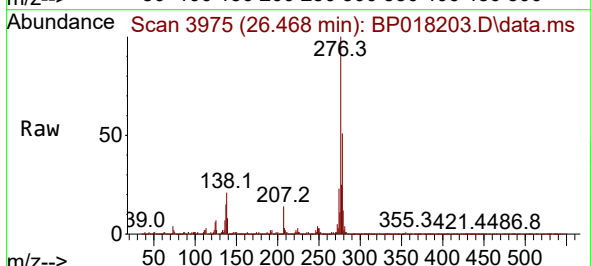
Tgt Ion:276 Resp: 948605

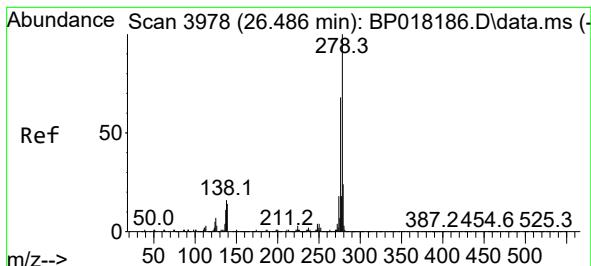
Ion Ratio Lower Upper

276 100

138 21.0 15.6 23.4

277 24.7 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 27.735 ng/ul

RT: 26.492 min Scan# 3978

Delta R.T. 0.000 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Instrument :

BNA_P

ClientSampleId :

SLCS171

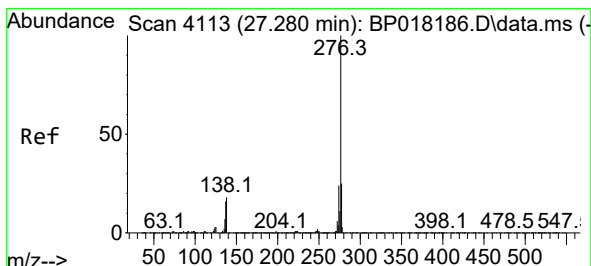
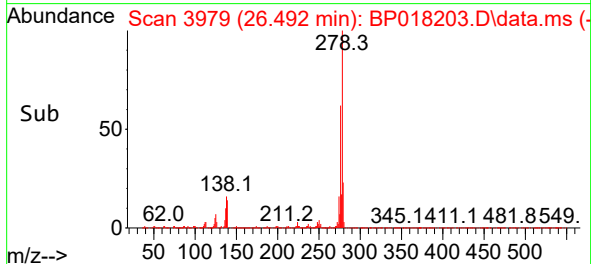
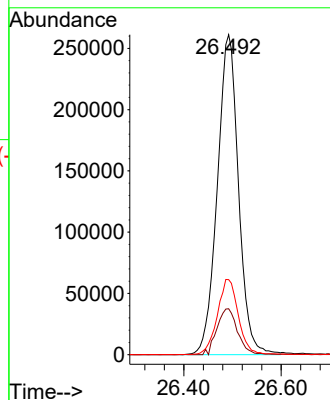
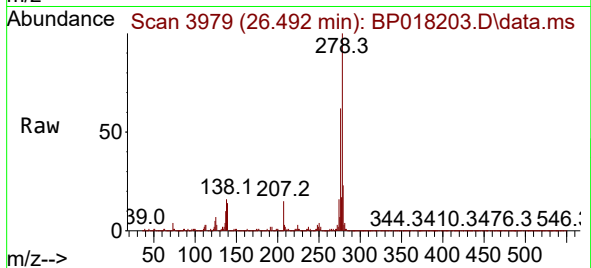
Tgt Ion:278 Resp: 789963

Ion Ratio Lower Upper

278 100

139 14.3 11.1 16.7

279 23.4 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 27.173 ng/ul

RT: 27.286 min Scan# 4114

Delta R.T. 0.006 min

Lab File: BP018203.D

Acq: 16 Nov 2023 08:21

Tgt Ion:276 Resp: 751822

Ion Ratio Lower Upper

276 100

138 19.9 13.8 20.6

277 23.5 20.2 30.2

