

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
 Data File : BP018204.D
 Acq On : 16 Nov 2023 08:55
 Operator : MA/JU
 Sample : PB157167BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS167

Quant Time: Nov 16 21:37:05 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	76891	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	314434	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	205130	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	464877	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	455084	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	476877	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	11417	5.238	ng/uL	0.00
4) Pyridine-d5	3.587	84	142326	25.043	ng/u1	0.00
7) Phenol-d5	6.952	99	184698	24.881	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	113917	26.113	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	149329	25.403	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	143648	23.615	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	68937	24.335	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	79814	24.869	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	145362	25.412	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	183687	23.416	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	486565	25.708	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	517811	25.119	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	59570	21.063	ng/u1	-0.01
60) Fluorene-d10	15.463	176	397645	25.447	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	81158	24.149	ng/u1	0.00
73) Anthracene-d10	17.345	188	633789	25.208	ng/u1	0.00
81) Pyrene-d10	19.598	212	778077	25.597	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	741780	26.751	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	24063	10.117	ng/uL	97
5) Pyridine	3.611	79	149971	25.568	ng/u1	97
6) Benzaldehyde	6.958	77	109172	27.308	ng/u1	96
8) Phenol	6.981	94	186966	25.531	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.228	93	150859	26.554	ng/u1	96
12) 2-Chlorophenol	7.334	128	151773	25.715	ng/u1	97
13) 2-Methylphenol	8.240	108	138105	24.960	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.293	45	101859	15.702	ng/u1	98
16) Acetophenone	8.640	105	239564	24.776	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.604	70	128969	24.431	ng/u1	96
18) 4-Methylphenol	8.575	108	148209	24.561	ng/u1	98
19) Hexachloroethane	8.828	117	74470	26.371	ng/u1	90
22) Nitrobenzene	9.034	77	203457	26.598	ng/u1	95
23) Isophorone	9.534	82	357316	25.600	ng/u1	99
25) 2-Nitrophenol	9.734	139	85771	26.007	ng/u1	98
26) 2,4-Dimethylphenol	9.775	107	148582	21.179	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.028	93	199552	26.217	ng/u1	98
29) 2,4-Dichlorophenol	10.251	162	143485	26.269	ng/u1	98
30) Naphthalene	10.651	128	492381	25.749	ng/u1	99
32) 4-Chloroaniline	10.804	127	174191	23.183	ng/u1	99
33) Hexachlorobutadiene	10.863	225	107287	26.755	ng/u1	96
34) Caprolactam	11.628	113	28819	15.882	ng/u1	98
35) 4-Chloro-3-methylphenol	11.922	107	168650	25.664	ng/u1	95
36) 2-Methylnaphthalene	12.269	142	338805	25.808	ng/u1	99

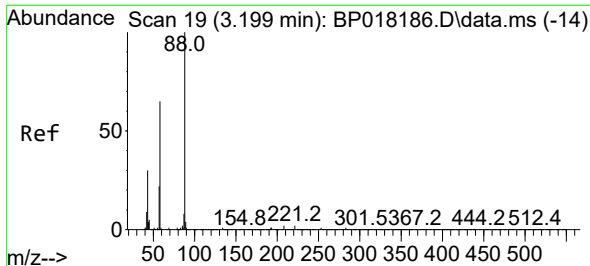
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	338553	25.096	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.622	216	182119	26.281	ng/ul	97
40) Hexachlorocyclopentadiene	12.557	237	61710	18.449	ng/ul	97
41) 2,4,6-Trichlorophenol	12.893	196	118427	26.052	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	122812	25.670	ng/ul	97
43) 1,1'-Biphenyl	13.292	154	455130	26.093	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	360431	26.027	ng/ul	97
45) 2-Nitroaniline	13.598	65	126901	28.397	ng/ul	96
47) Dimethylphthalate	13.934	163	498637	26.857	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	99472	26.955	ng/ul	99
50) Acenaphthylene	14.192	152	604767	25.984	ng/ul	100
51) 3-Nitroaniline	14.439	138	89841	26.236	ng/ul#	92
52) Acenaphthene	14.528	153	403062	26.116	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	31392	15.593	ng/ul	98
55) 4-Nitrophenol	14.739	109	96479	25.699	ng/ul	89
56) Dibenzofuran	14.869	168	561647	26.556	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	153206	27.787	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	106220	24.958	ng/ul	98
59) Diethylphthalate	15.292	149	539868	27.832	ng/ul	99
61) Fluorene	15.522	166	476195	26.520	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.516	204	239497	27.218	ng/ul	98
63) 4-Nitroaniline	15.616	138	90952	28.146	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.639	198	85999	24.661	ng/ul	99
67) N-Nitrosodiphenylamine	15.745	169	403096	27.037	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	138631	26.459	ng/ul	93
69) Hexachlorobenzene	16.498	284	155146	26.537	ng/ul	99
70) Atrazine	16.710	200	151217	29.077	ng/ul	97
71) Pentachlorophenol	16.875	266	45078	12.702	ng/ul	98
72) Phenanthrene	17.286	178	776329	27.198	ng/ul	100
74) Anthracene	17.380	178	776016	26.641	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	183157	25.800	ng/uL	96
76) Pentachlorobenzene	14.757	250	180931	26.035	ng/uL	99
77) Carbazole	17.680	167	705068	27.874	ng/ul	100
78) Di-n-butylphthalate	18.186	149	952858	29.689	ng/ul	99
80) Fluoranthene	19.269	202	939170	26.455	ng/ul	99
82) Pyrene	19.633	202	988778	26.580	ng/ul	98
83) Butylbenzylphthalate	20.498	149	457716	29.258	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.310	252	295512	27.179	ng/ul	96
85) Benzo(a)anthracene	21.357	228	1000050	27.214	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	668107	30.975	ng/ul	99
87) Chrysene	21.416	228	925349	26.917	ng/ul	97
89) Di-n-octyl phthalate	22.192	149	1141462	32.006	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	953691	28.101	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	948306	27.773	ng/ul	100
93) Benzo(a)pyrene	23.733	252	896976	27.987	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	1042424	27.118	ng/ul	99
95) Dibenzo(a,h)anthracene	26.492	278	866344	27.372	ng/ul	100
96) Benzo(g,h,i)perylene	27.286	276	824252	26.809	ng/ul	97

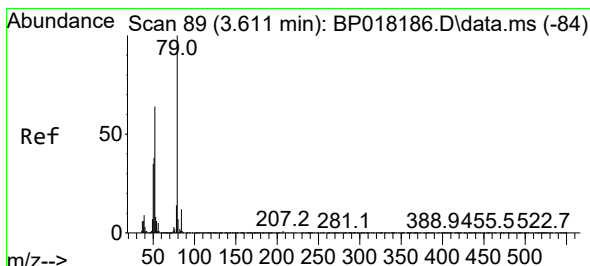
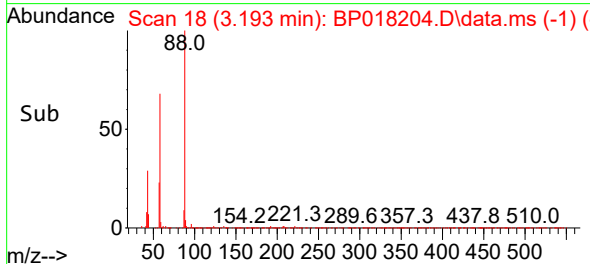
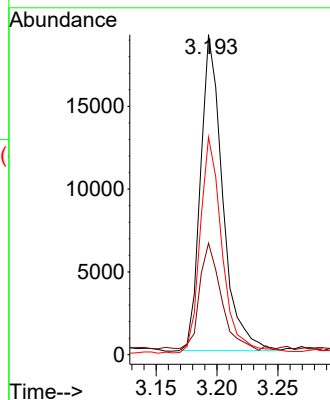
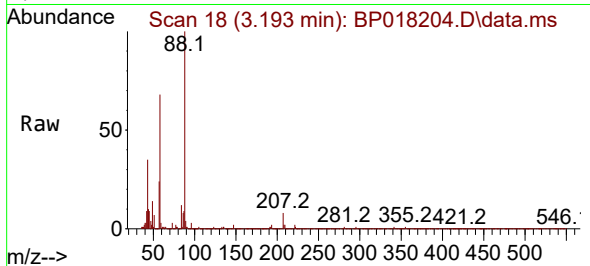
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#2
1,4-Dioxane
Concen: 10.117 ng/uL
RT: 3.193 min Scan# 18
Delta R.T. 0.000 min
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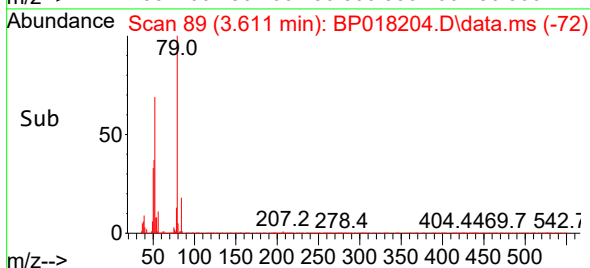
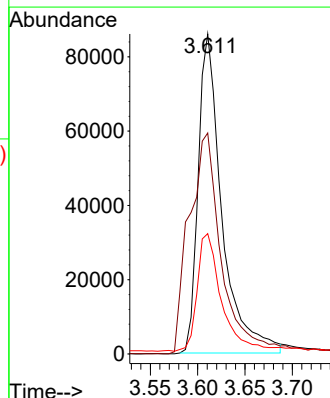
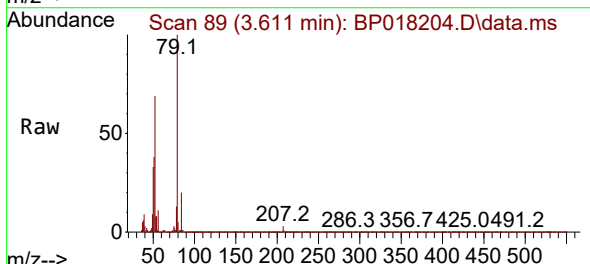
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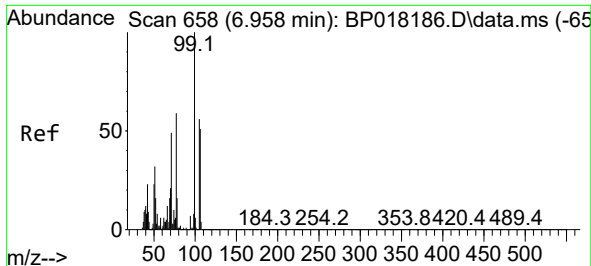
Tgt Ion: 88 Resp: 24063
Ion Ratio Lower Upper
88 100
43 34.9 25.4 38.2
58 68.0 53.3 79.9



#5
Pyridine
Concen: 25.568 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion: 79 Resp: 149971
Ion Ratio Lower Upper
79 100
52 69.1 53.9 80.9
51 37.6 32.2 48.2

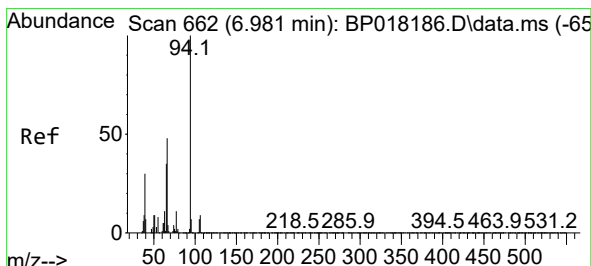
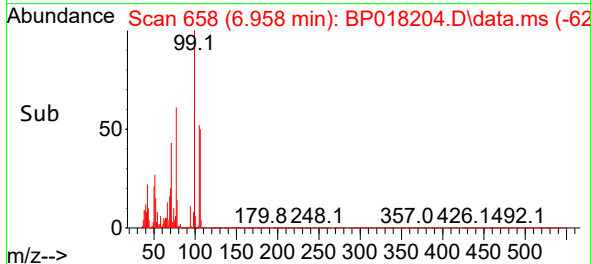
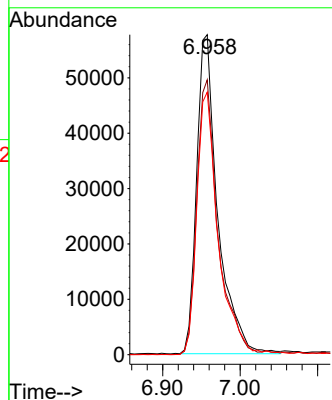
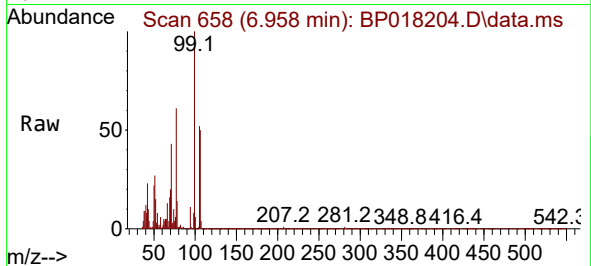




#6
Benzaldehyde
Concen: 27.308 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

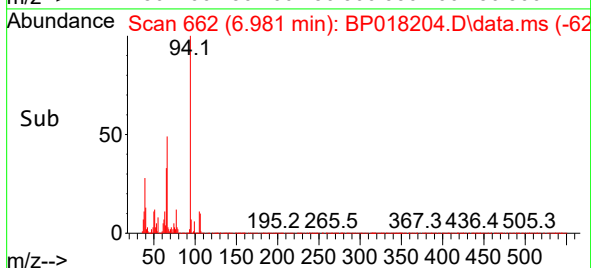
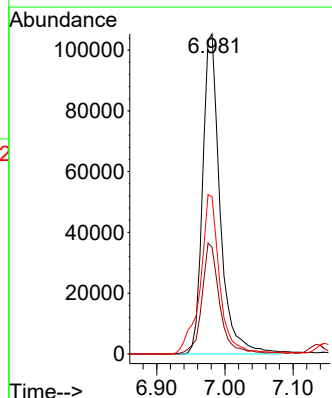
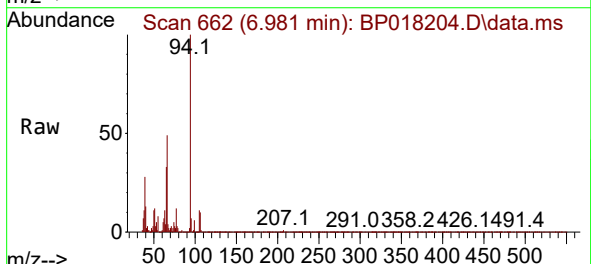
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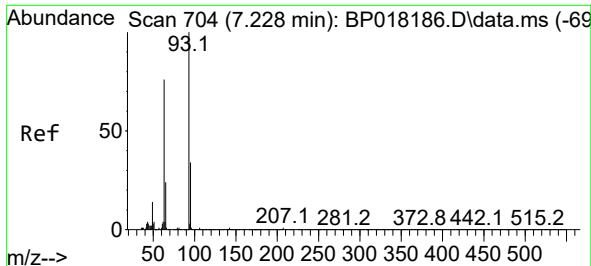
Tgt Ion: 77 Resp: 109172
Ion Ratio Lower Upper
77 100
105 85.9 72.7 109.1
106 82.0 67.5 101.3



#8
Phenol
Concen: 25.531 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. -0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion: 94 Resp: 186966
Ion Ratio Lower Upper
94 100
65 33.4 28.2 42.2
66 49.1 40.3 60.5

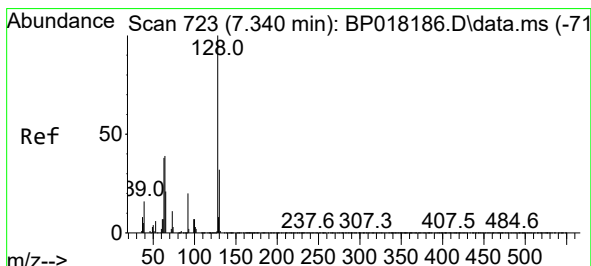
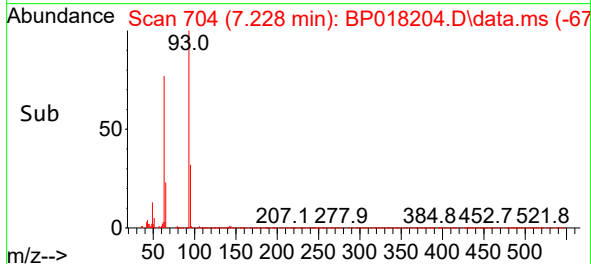
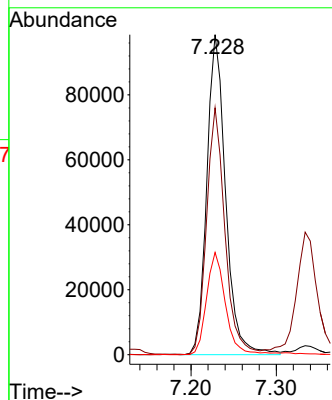
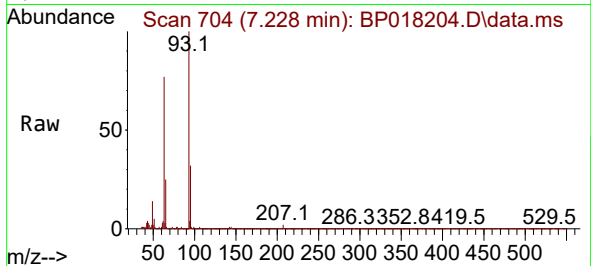




#10
Bis(2-Chloroethyl)ether
Concen: 26.554 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

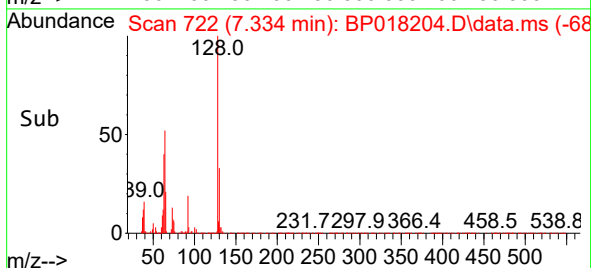
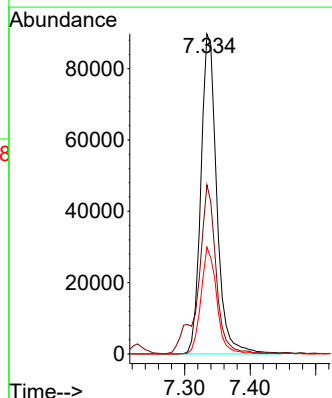
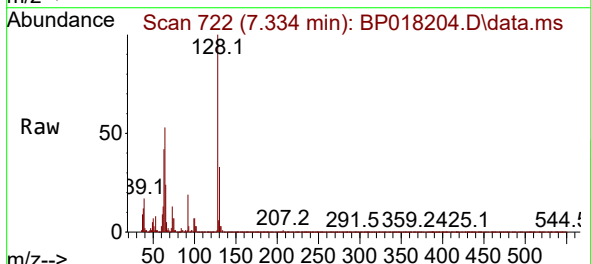
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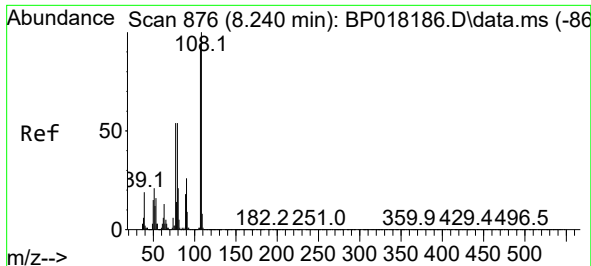
Tgt Ion: 93 Resp: 150859
Ion Ratio Lower Upper
93 100
63 77.1 57.8 86.6
95 31.9 25.5 38.3



#12
2-Chlorophenol
Concen: 25.715 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion: 128 Resp: 151773
Ion Ratio Lower Upper
128 100
64 52.9 39.2 58.8
130 33.3 26.6 40.0





#13

2-Methylphenol

Concen: 24.960 ng/ul

RT: 8.240 min Scan# 876

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

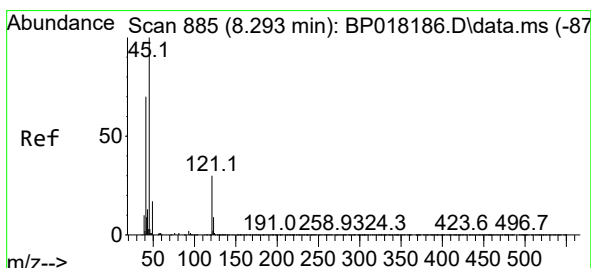
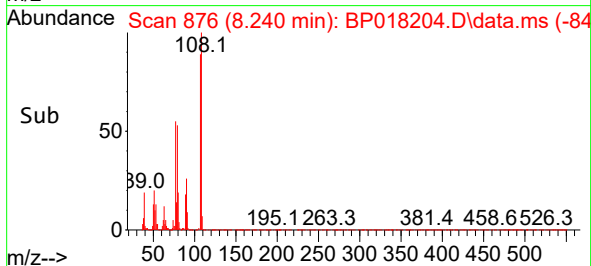
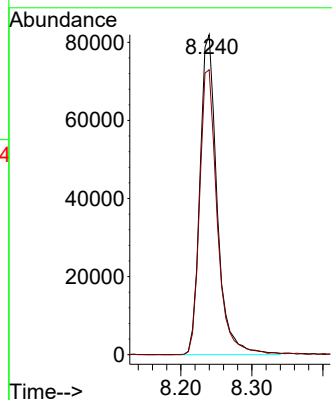
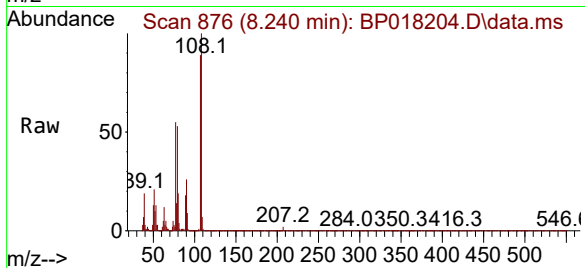
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Tgt Ion:108 Resp: 138105

Ion Ratio Lower Upper

108 100

107 89.1 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 15.702 ng/ul

RT: 8.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

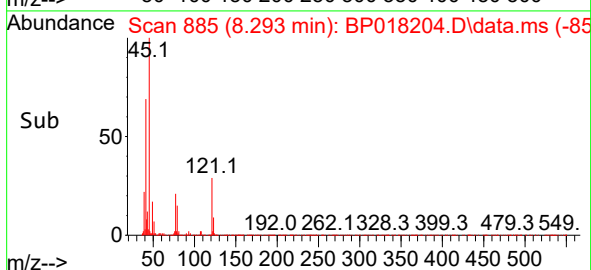
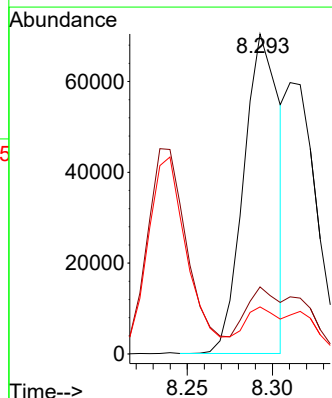
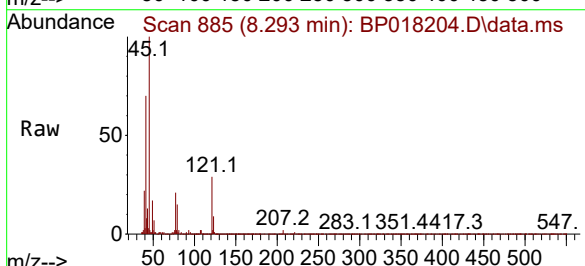
Tgt Ion: 45 Resp: 101859

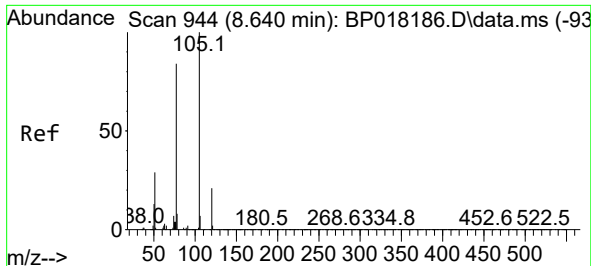
Ion Ratio Lower Upper

45 100

77 20.9 16.1 24.1

79 14.7 11.1 16.7

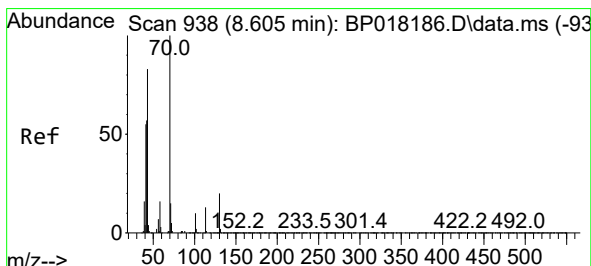
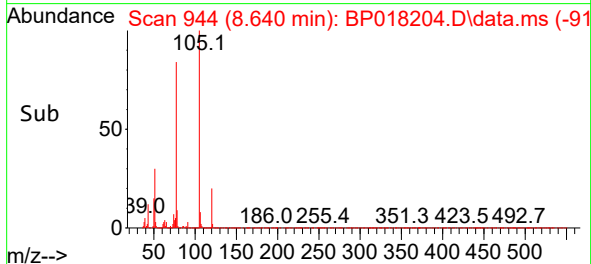
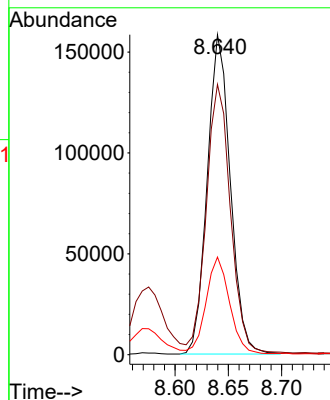
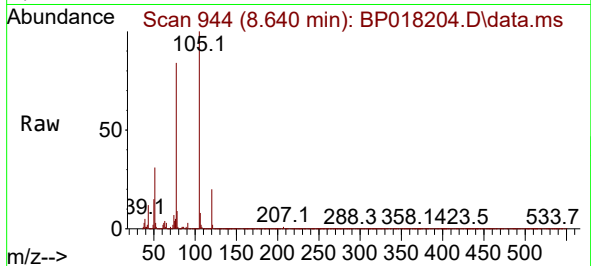




#16
Acetophenone
Concen: 24.776 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

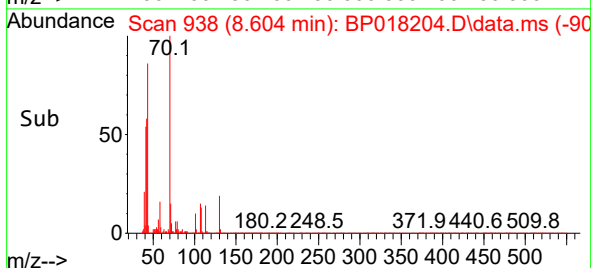
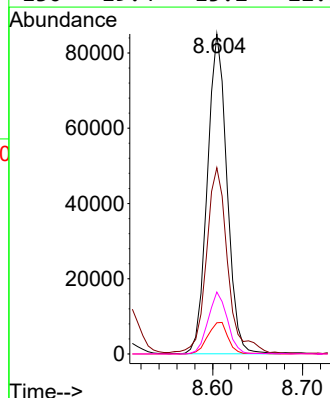
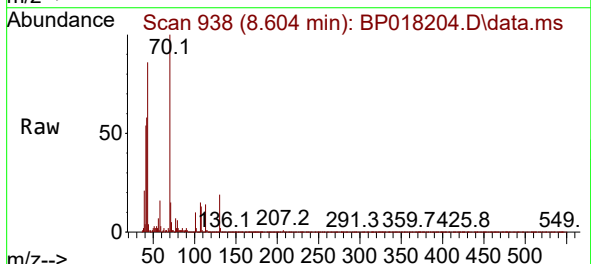
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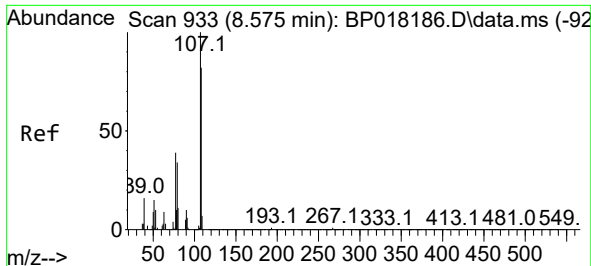
Tgt Ion:105 Resp: 239564
Ion Ratio Lower Upper
105 100
77 84.4 70.1 105.1
51 30.5 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 24.431 ng/ul
RT: 8.604 min Scan# 938
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion: 70 Resp: 128969
Ion Ratio Lower Upper
70 100
42 58.2 43.7 65.5
101 9.7 8.2 12.4
130 19.4 15.2 22.8

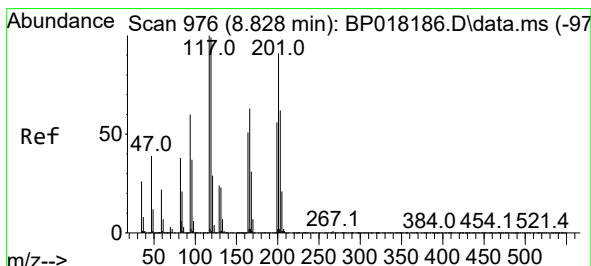
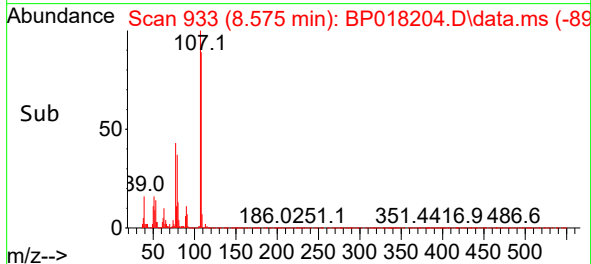
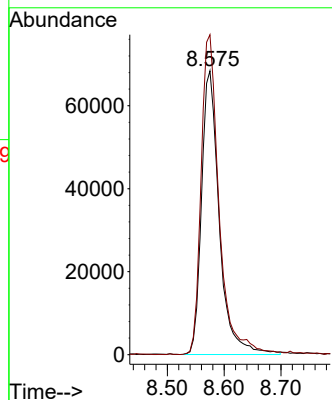
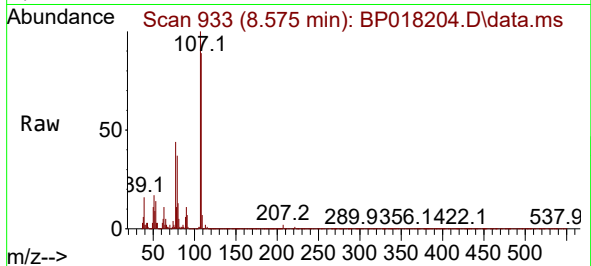




#18
4-Methylphenol
Concen: 24.561 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

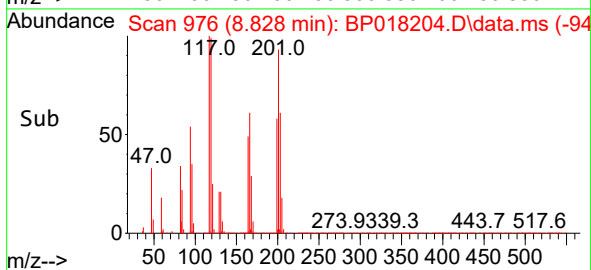
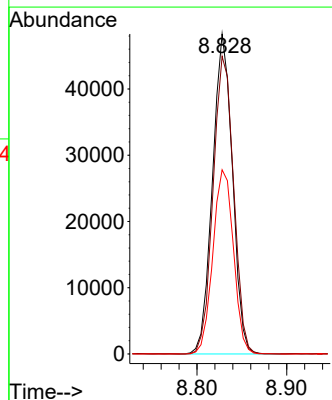
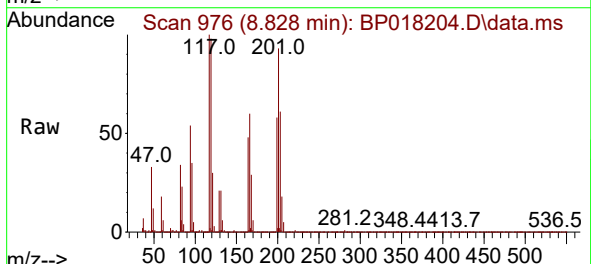
Instrument :
BNA_P
ClientSampleId :
SLCS167

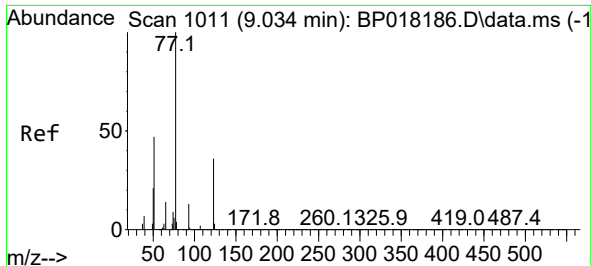
Tgt Ion:108 Resp: 148209
Ion Ratio Lower Upper
108 100
107 112.7 88.2 132.4



#19
Hexachloroethane
Concen: 26.371 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:117 Resp: 74470
Ion Ratio Lower Upper
117 100
201 93.0 84.8 127.2
199 57.6 49.0 73.4

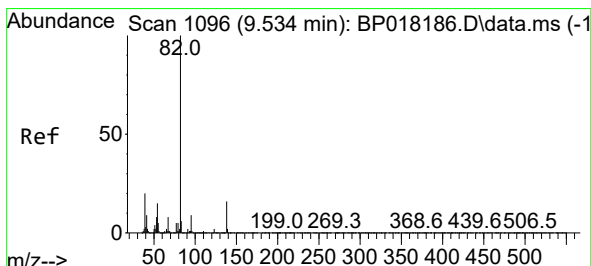
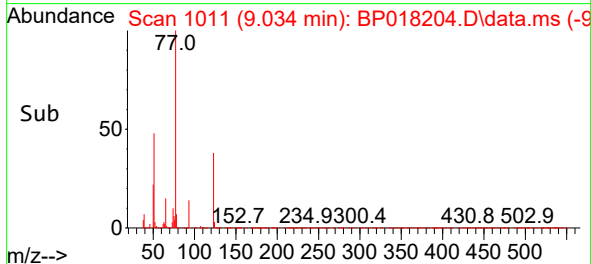
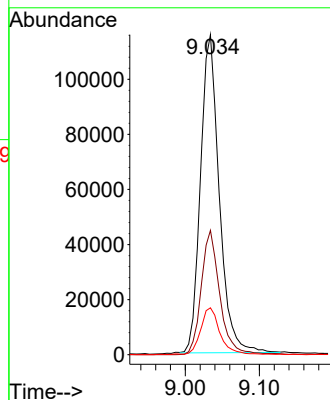
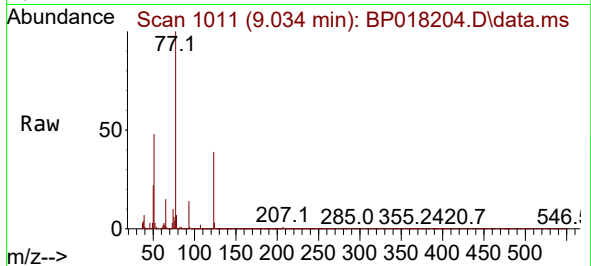




#22
Nitrobenzene
Concen: 26.598 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

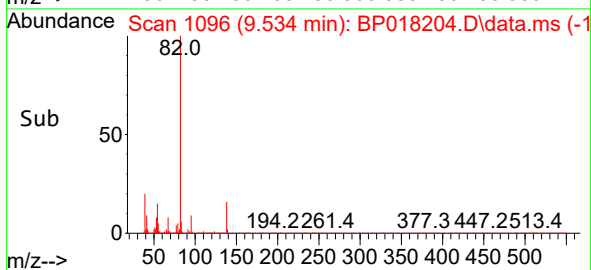
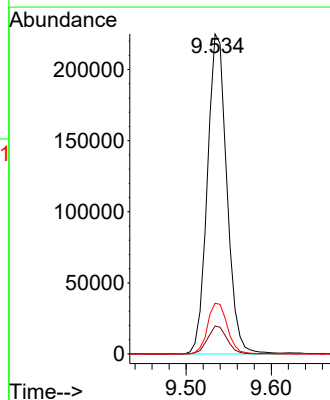
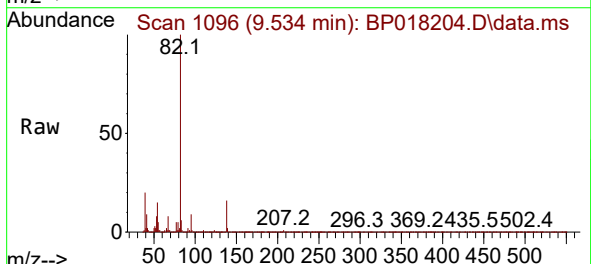
Instrument :
BNA_P
ClientSampleId :
SLCS167

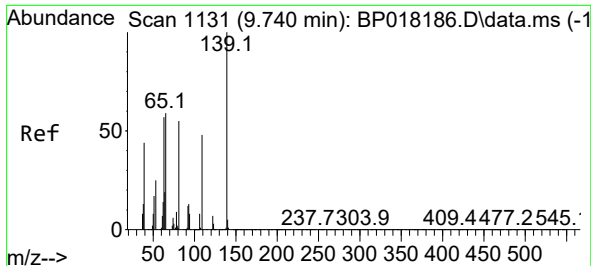
Tgt Ion: 77 Resp: 203457
Ion Ratio Lower Upper
77 100
123 38.8 27.8 41.8
65 14.6 11.5 17.3



#23
Isophorone
Concen: 25.600 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion: 82 Resp: 357316
Ion Ratio Lower Upper
82 100
95 8.7 6.6 9.8
138 15.9 13.1 19.7

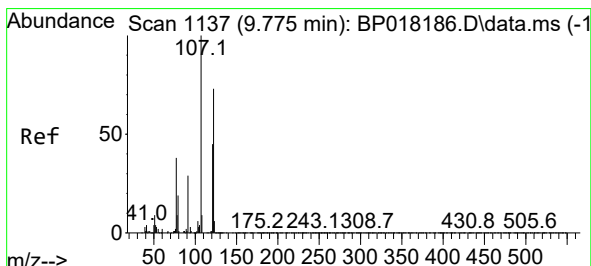
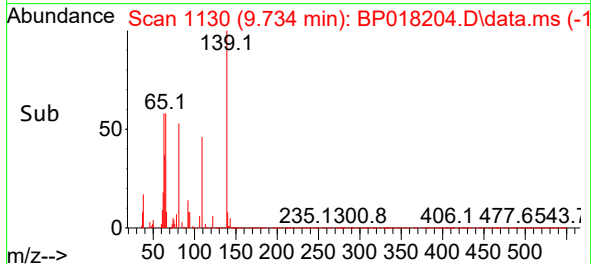
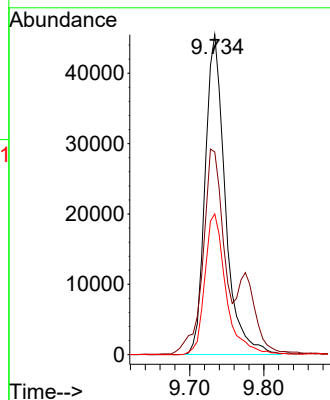
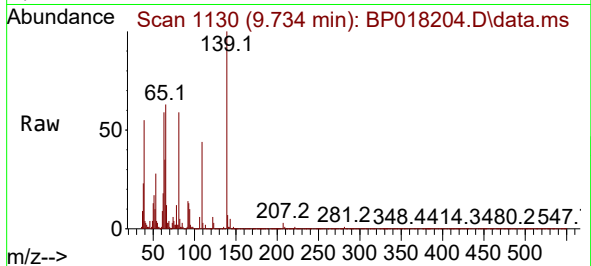




#25
2-Nitrophenol
Concen: 26.007 ng/ul
RT: 9.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

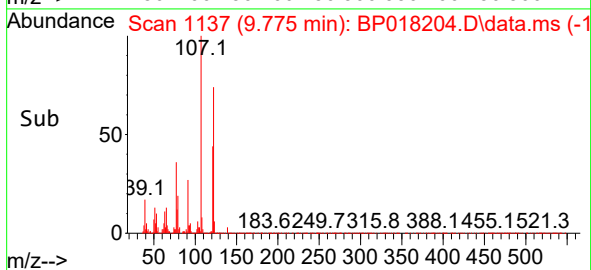
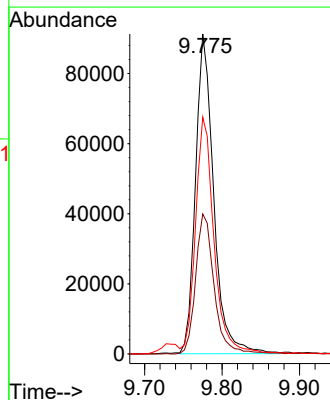
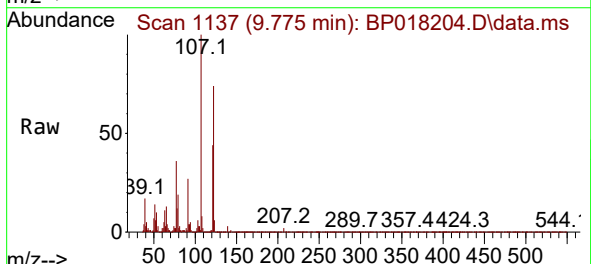
Instrument :
BNA_P
ClientSampleId :
SLCS167

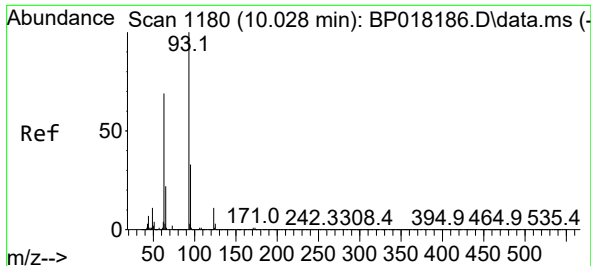
Tgt Ion:139 Resp: 85771
Ion Ratio Lower Upper
139 100
65 63.4 51.4 77.0
109 44.0 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 21.179 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:107 Resp: 148582
Ion Ratio Lower Upper
107 100
121 43.8 37.8 56.8
122 74.0 62.1 93.1

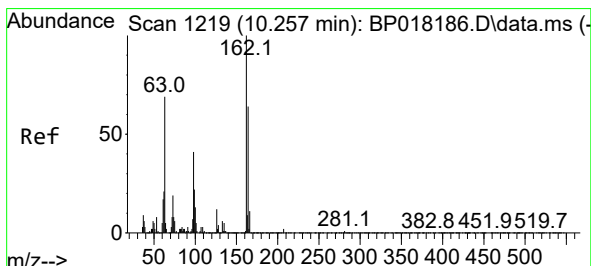
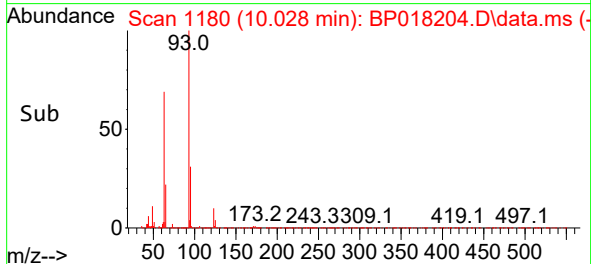
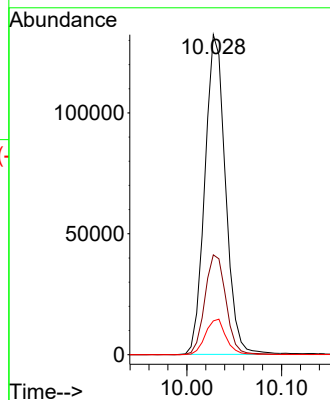
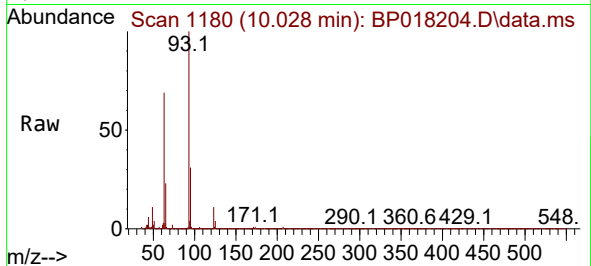




#27
 Bis(2-Chloroethoxy)methane
 Concen: 26.217 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BP018204.D
 Acq: 16 Nov 2023 08:55

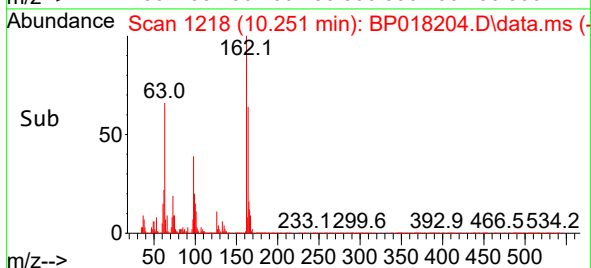
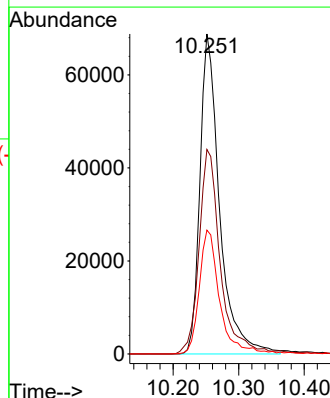
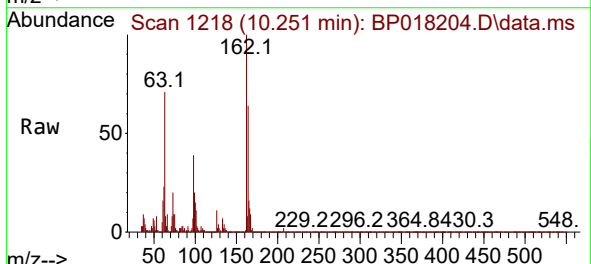
Instrument :
 BNA_P
 ClientSampleId :
 SLCS167

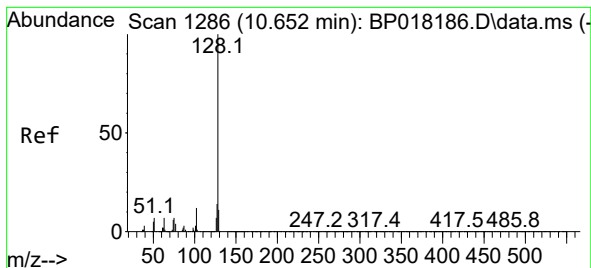
Tgt Ion: 93 Resp: 199552
 Ion Ratio Lower Upper
 93 100
 95 31.2 26.2 39.2
 123 10.6 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 26.269 ng/ul
 RT: 10.251 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BP018204.D
 Acq: 16 Nov 2023 08:55

Tgt Ion:162 Resp: 143485
 Ion Ratio Lower Upper
 162 100
 164 63.9 51.8 77.6
 98 38.7 28.7 43.1





#30

Naphthalene

Concen: 25.749 ng/ul

RT: 10.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

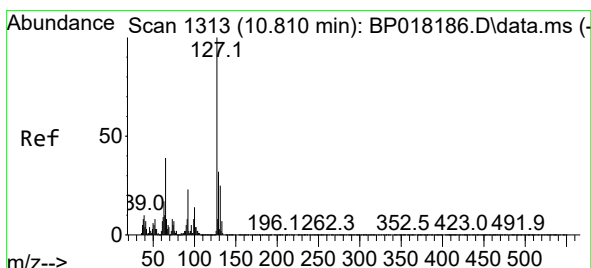
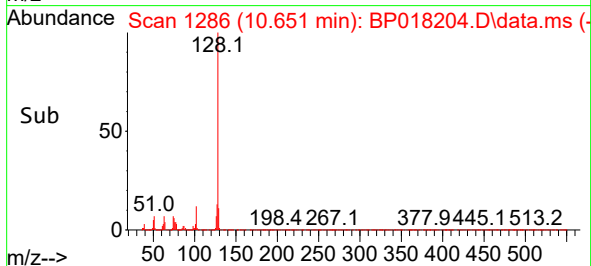
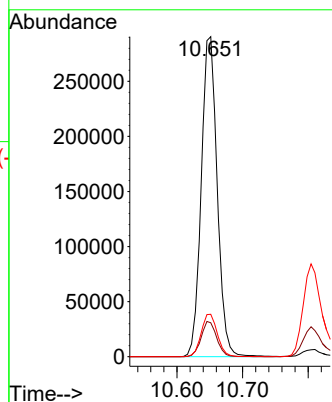
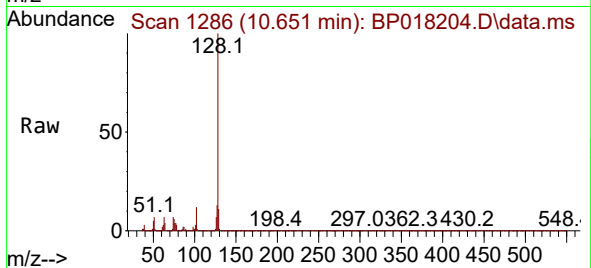
Tgt Ion:128 Resp: 492381

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

127 13.3 10.3 15.5



#32

4-Chloroaniline

Concen: 23.183 ng/ul

RT: 10.804 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BP018204.D

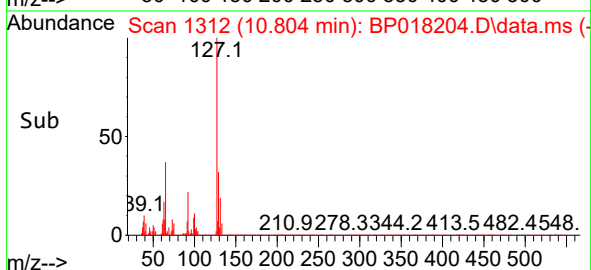
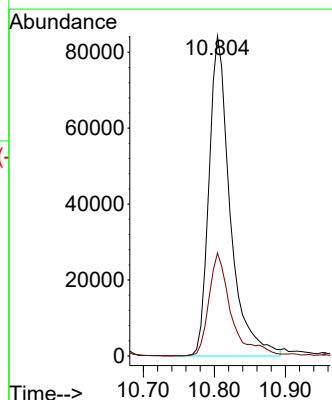
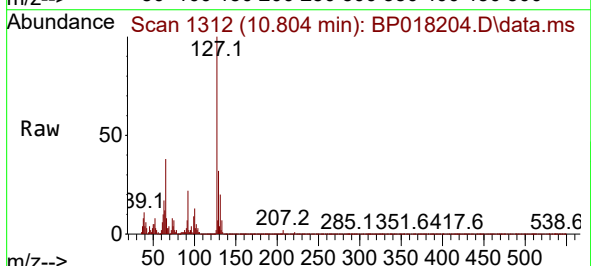
Acq: 16 Nov 2023 08:55

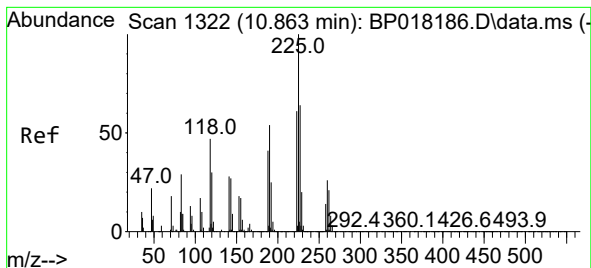
Tgt Ion:127 Resp: 174191

Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1





#33

Hexachlorobutadiene

Concen: 26.755 ng/ul

RT: 10.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

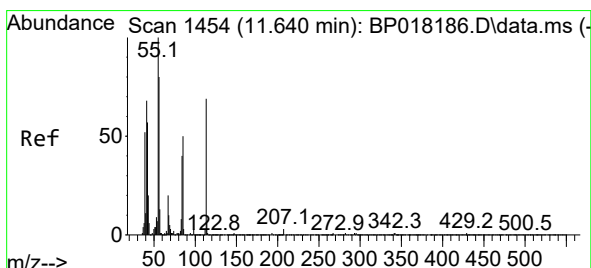
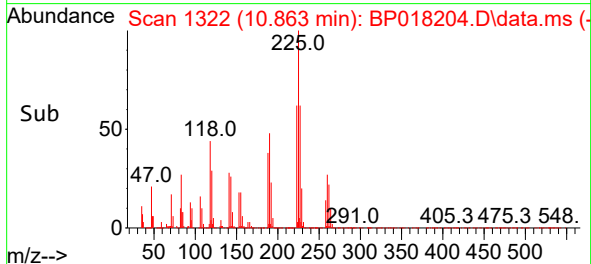
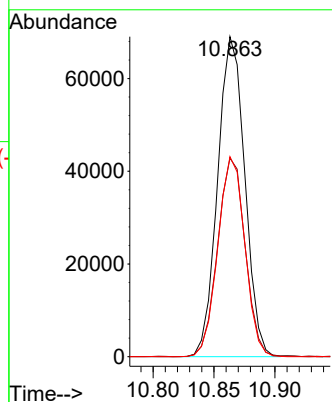
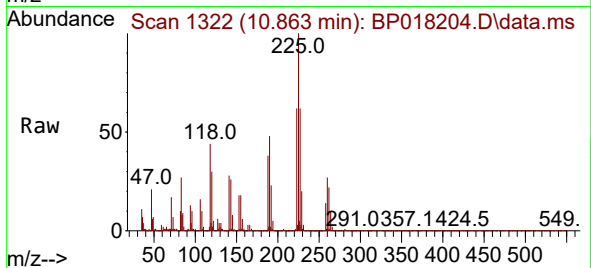
Tgt Ion:225 Resp: 107287

Ion Ratio Lower Upper

225 100

223 62.1 52.5 78.7

227 62.5 51.9 77.9



#34

Caprolactam

Concen: 15.882 ng/ul

RT: 11.628 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

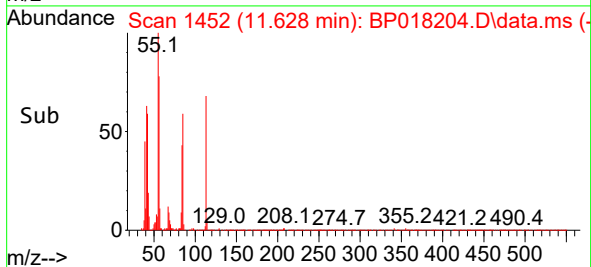
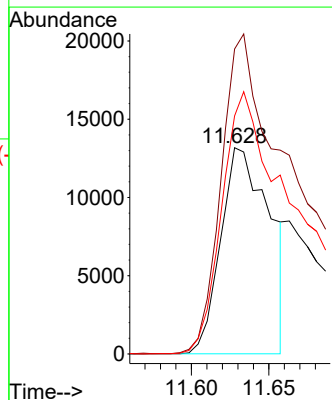
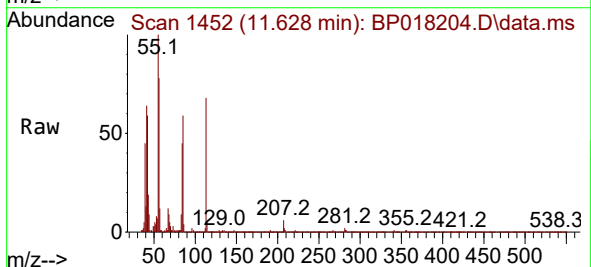
Tgt Ion:113 Resp: 28819

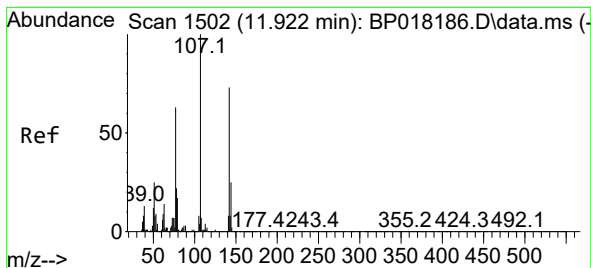
Ion Ratio Lower Upper

113 100

55 147.9 118.3 177.5

56 115.5 95.6 143.4

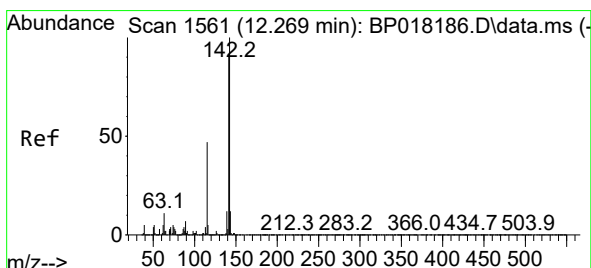
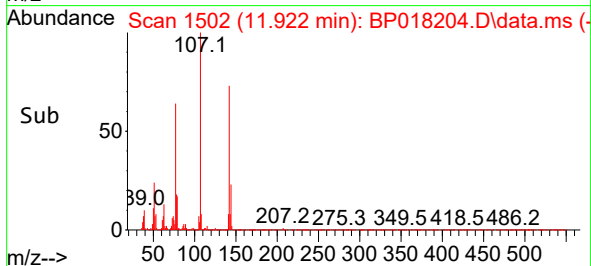
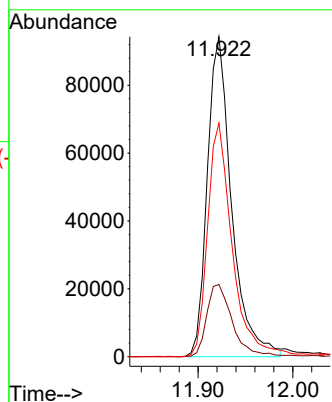
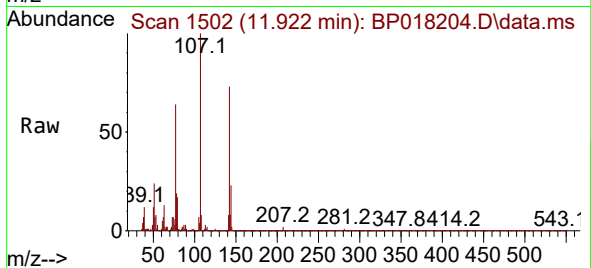




#35
4-Chloro-3-methylphenol
Concen: 25.664 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

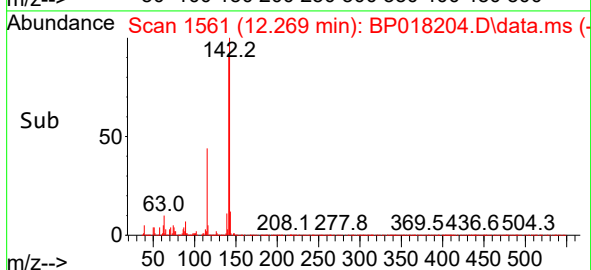
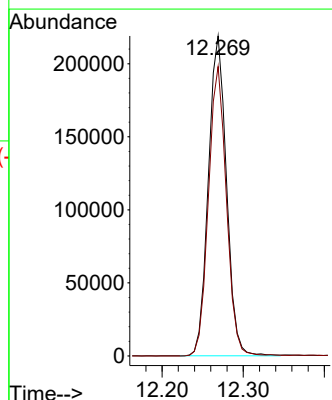
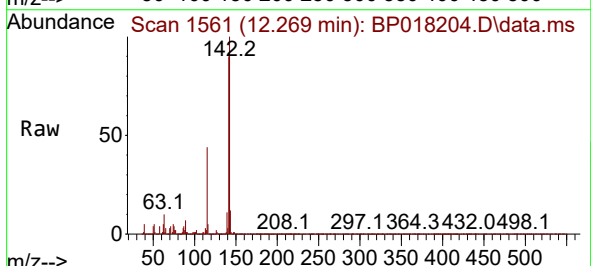
Instrument :
BNA_P
ClientSampleId :
SLCS167

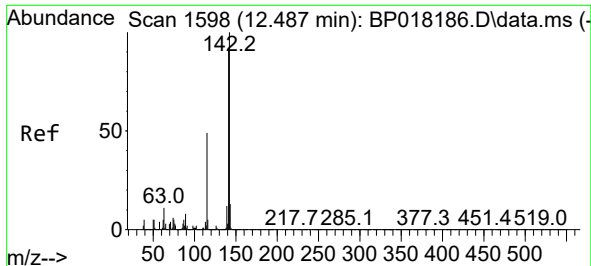
Tgt Ion:107 Resp: 168650
Ion Ratio Lower Upper
107 100
144 22.5 19.1 28.7
142 73.0 54.8 82.2



#36
2-Methylnaphthalene
Concen: 25.808 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:142 Resp: 338805
Ion Ratio Lower Upper
142 100
141 90.4 71.7 107.5

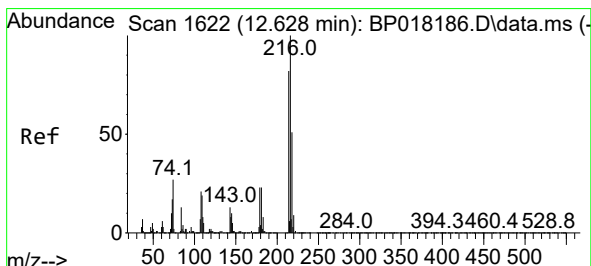
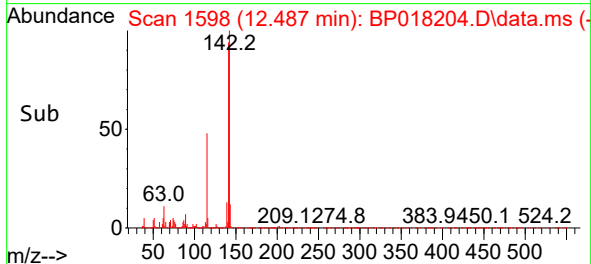
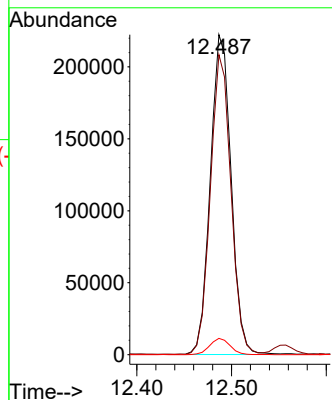
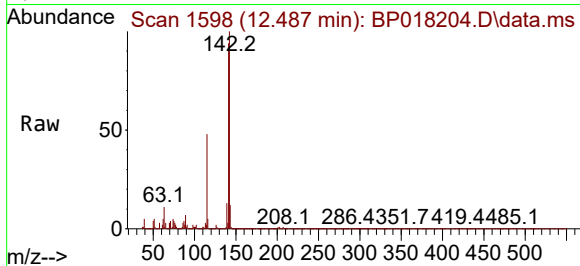




#37
1-Methylnaphthalene
Concen: 25.096 ng/ul
RT: 12.487 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

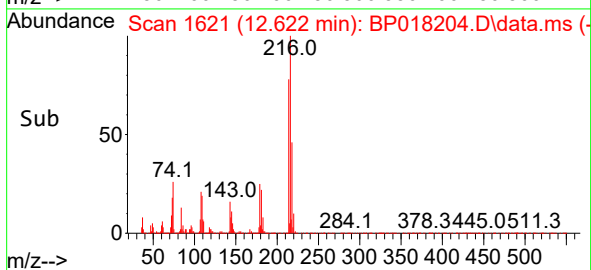
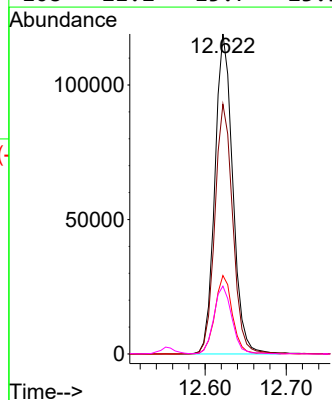
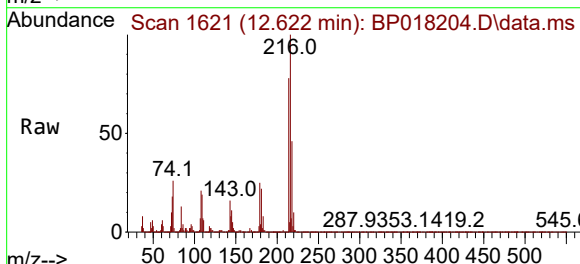
Instrument :
BNA_P
ClientSampleId :
SLCS167

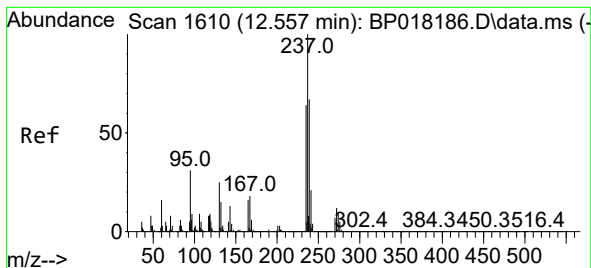
Tgt Ion:142 Resp: 338553
Ion Ratio Lower Upper
142 100
141 93.7 72.8 109.2
116 5.1 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.281 ng/ul
RT: 12.622 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:216 Resp: 182119
Ion Ratio Lower Upper
216 100
214 78.0 64.8 97.2
179 24.5 18.3 27.5
108 21.2 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 18.449 ng/ul

RT: 12.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

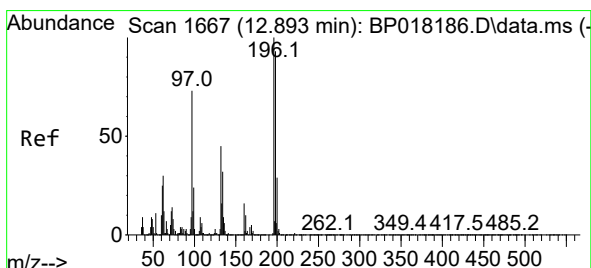
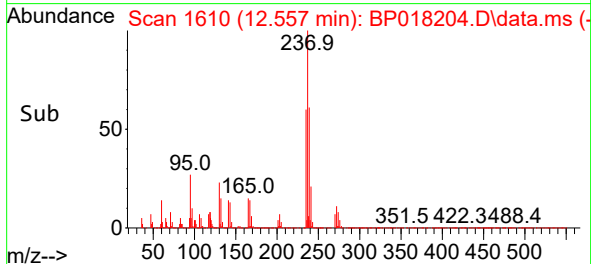
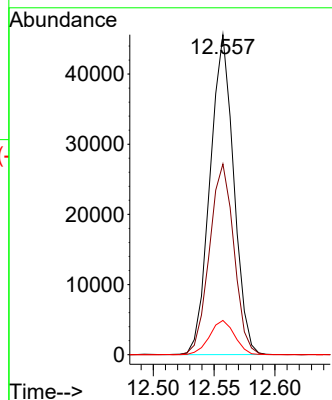
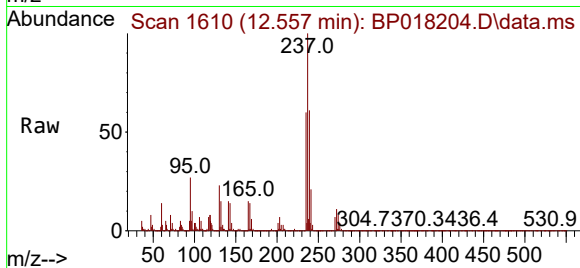
Tgt Ion:237 Resp: 61710

Ion Ratio Lower Upper

237 100

235 59.6 49.9 74.9

272 10.7 8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 26.052 ng/ul

RT: 12.893 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

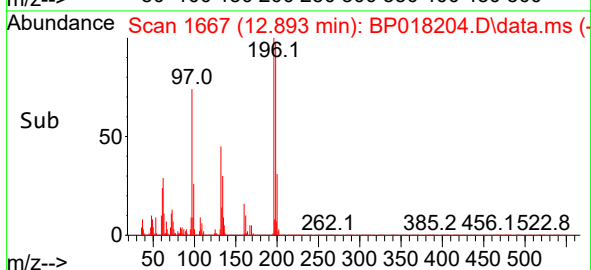
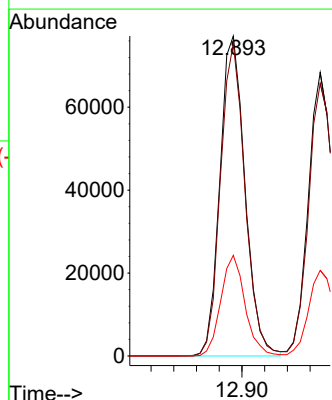
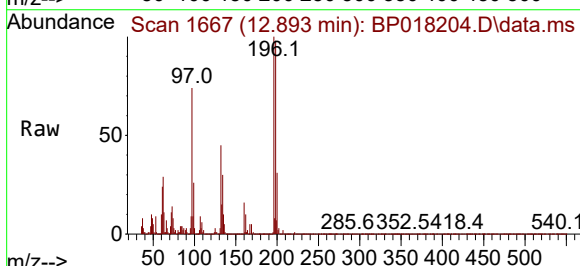
Tgt Ion:196 Resp: 118427

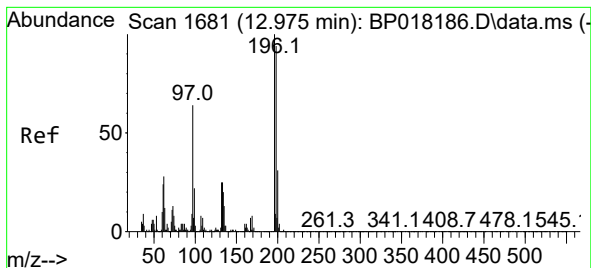
Ion Ratio Lower Upper

196 100

198 97.7 78.9 118.3

200 31.5 25.8 38.8





#42

2,4,5-Trichlorophenol

Concen: 25.670 ng/ul

RT: 12.969 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

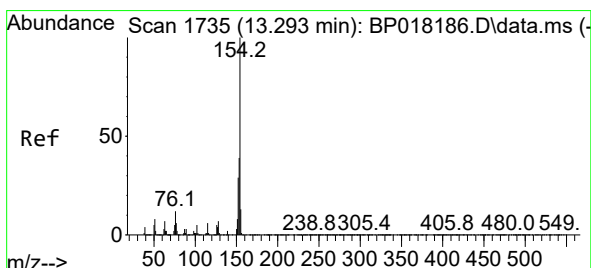
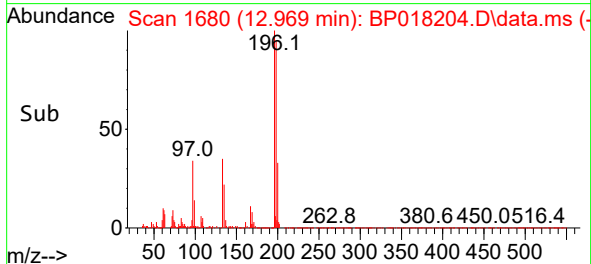
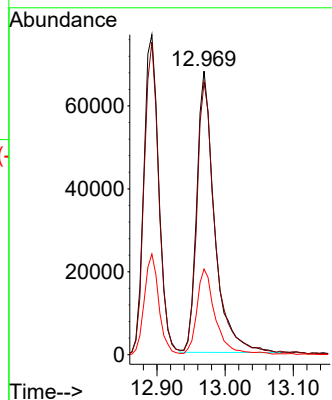
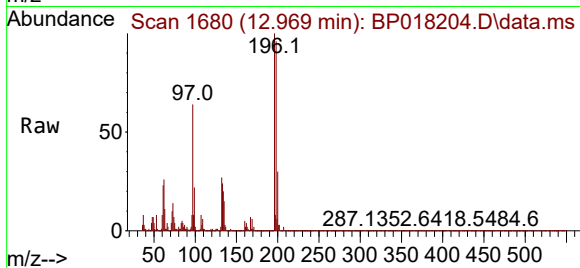
Tgt Ion:196 Resp: 122812

Ion Ratio Lower Upper

196 100

198 96.1 78.9 118.3

200 30.2 26.6 40.0



#43

1,1'-Biphenyl

Concen: 26.093 ng/ul

RT: 13.292 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

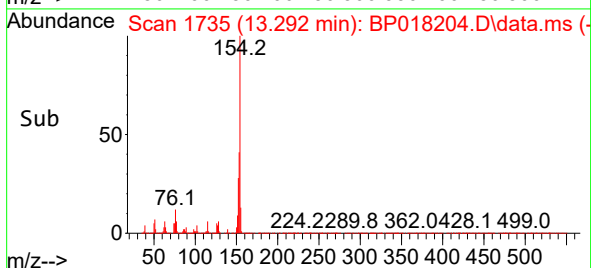
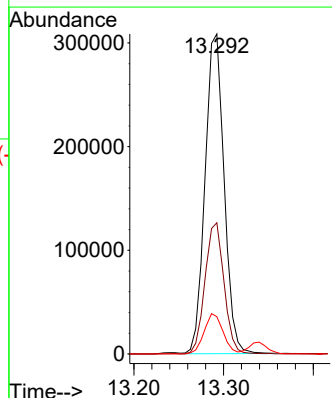
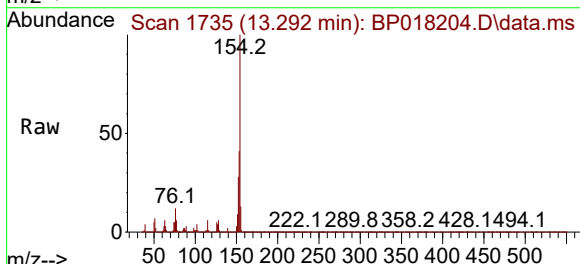
Tgt Ion:154 Resp: 455130

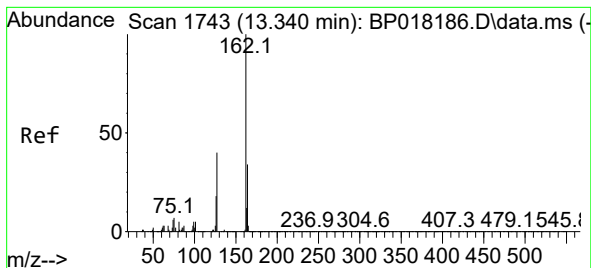
Ion Ratio Lower Upper

154 100

153 41.0 32.4 48.6

76 11.7 9.8 14.8





#44

2-Chloronaphthalene

Concen: 26.027 ng/ul

RT: 13.340 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

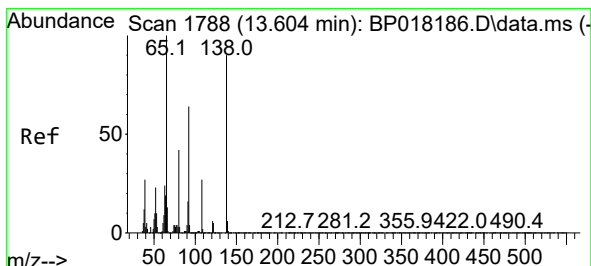
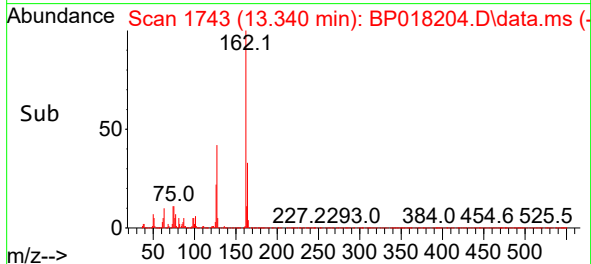
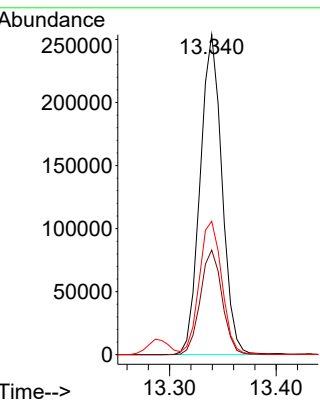
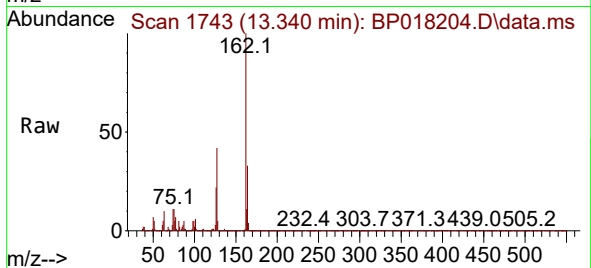
Tgt Ion:162 Resp: 360431

Ion Ratio Lower Upper

162 100

164 32.7 26.9 40.3

127 41.7 35.4 53.2



#45

2-Nitroaniline

Concen: 28.397 ng/ul

RT: 13.598 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

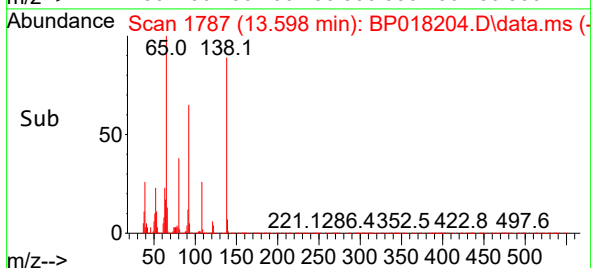
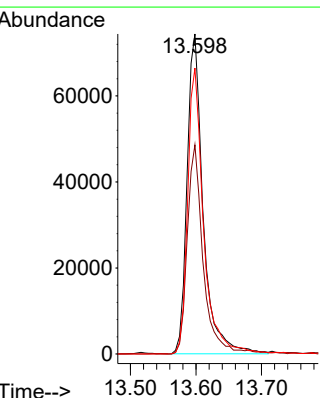
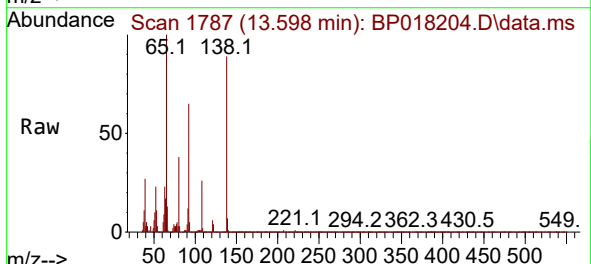
Tgt Ion: 65 Resp: 126901

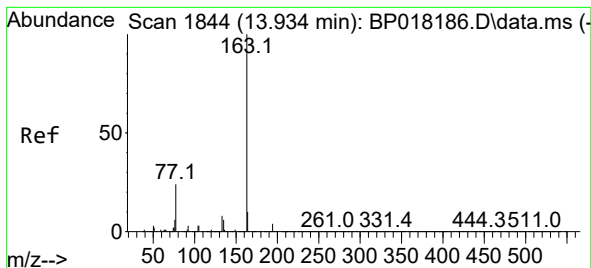
Ion Ratio Lower Upper

65 100

92 65.4 53.8 80.6

138 89.3 75.1 112.7





#47

Dimethylphthalate

Concen: 26.857 ng/ul

RT: 13.934 min Scan# 1844

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

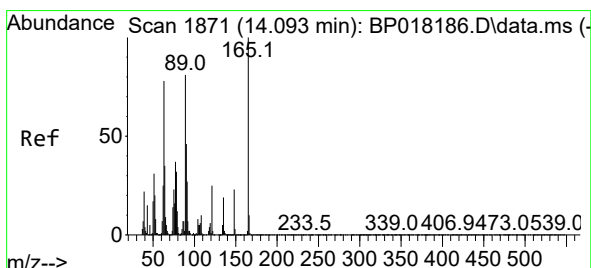
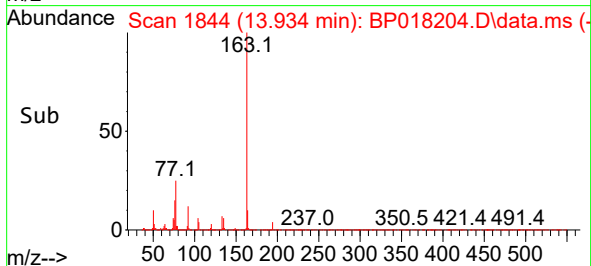
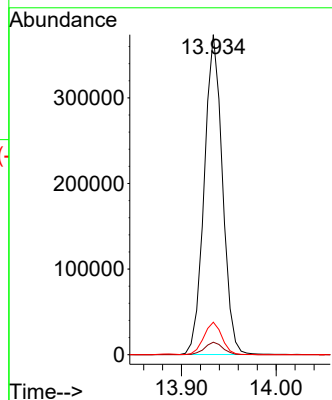
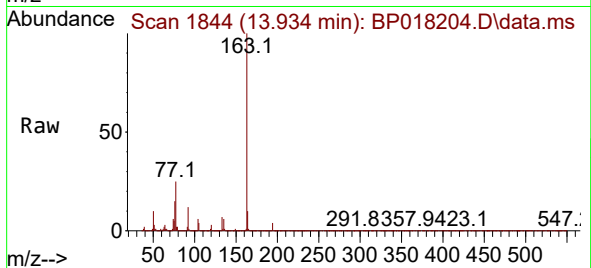
Tgt Ion:163 Resp: 498637

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 10.1 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 26.955 ng/ul

RT: 14.092 min Scan# 1871

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

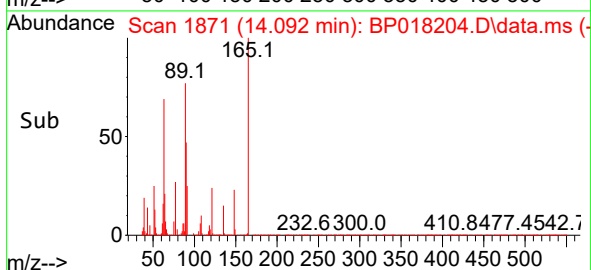
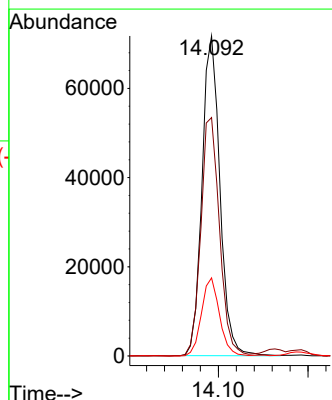
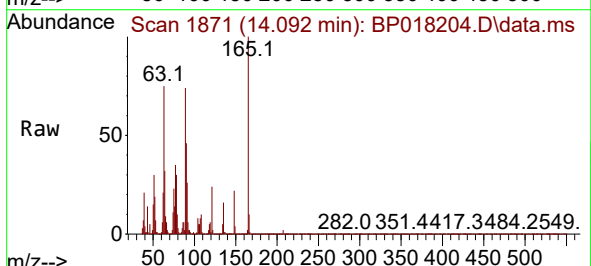
Tgt Ion:165 Resp: 99472

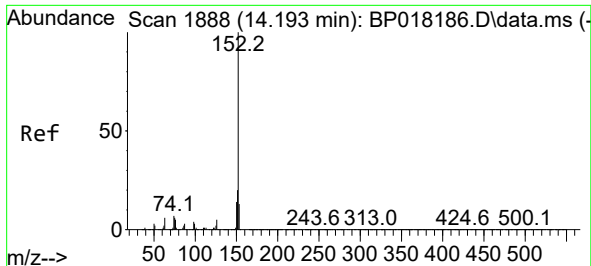
Ion Ratio Lower Upper

165 100

89 74.5 59.4 89.0

121 24.4 18.2 27.4

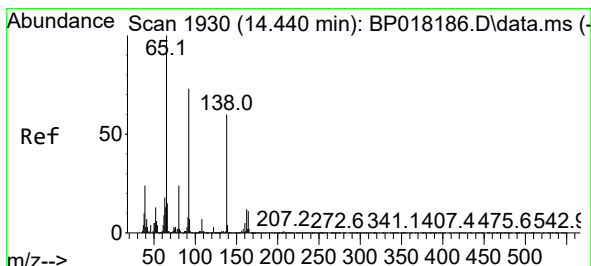
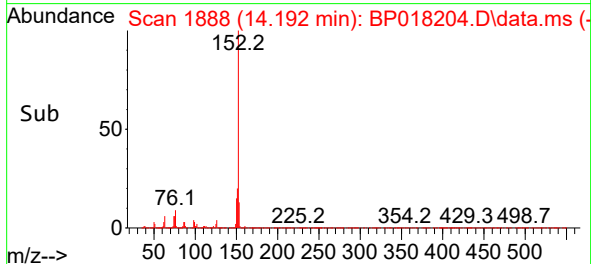
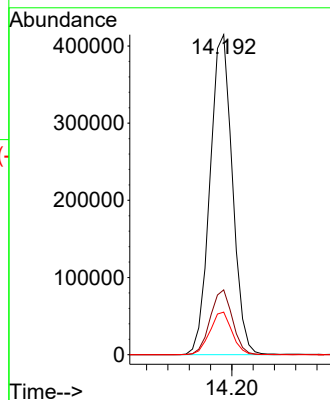
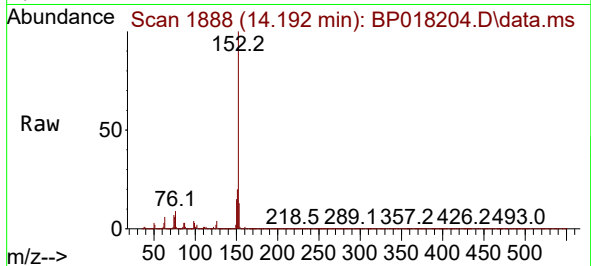




#50
Acenaphthylene
Concen: 25.984 ng/ul
RT: 14.192 min Scan# 1888
Delta R.T. -0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

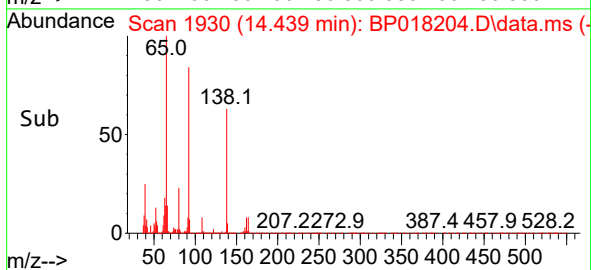
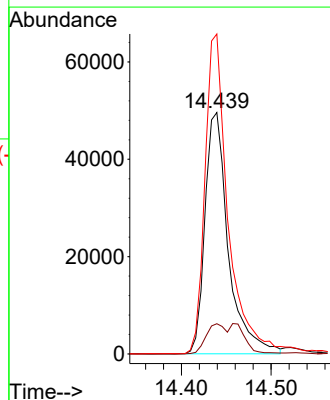
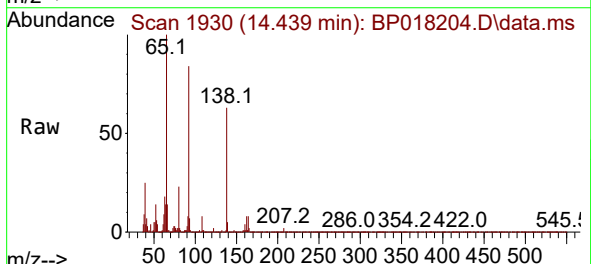
Instrument :
BNA_P
ClientSampleId :
SLCS167

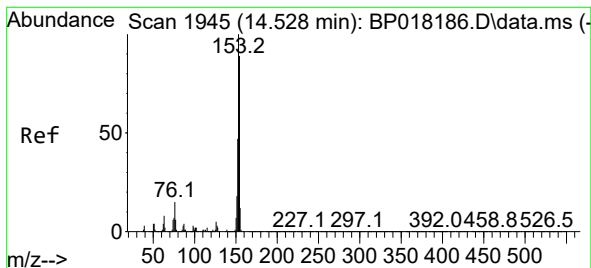
Tgt Ion:152 Resp: 604767
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.4 15.6



#51
3-Nitroaniline
Concen: 26.236 ng/ul
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:138 Resp: 89841
Ion Ratio Lower Upper
138 100
108 12.5 8.3 12.5#
92 132.6 99.0 148.4





#52

Acenaphthene

Concen: 26.116 ng/ul

RT: 14.528 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

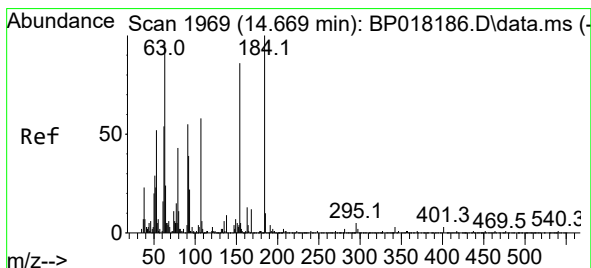
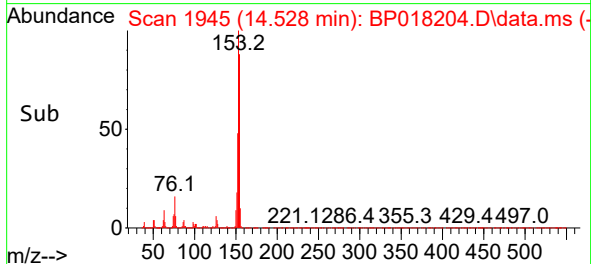
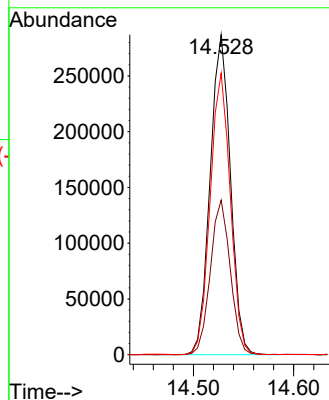
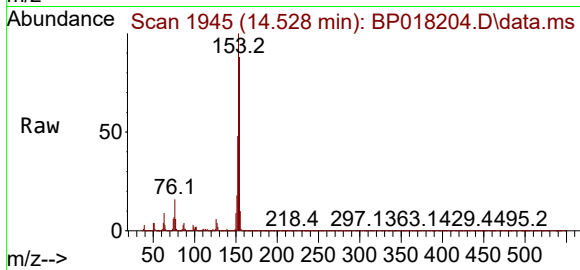
Tgt Ion:153 Resp: 403062

Ion Ratio Lower Upper

153 100

152 48.3 39.0 58.6

154 88.0 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 15.593 ng/ul

RT: 14.657 min Scan# 1967

Delta R.T. -0.018 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

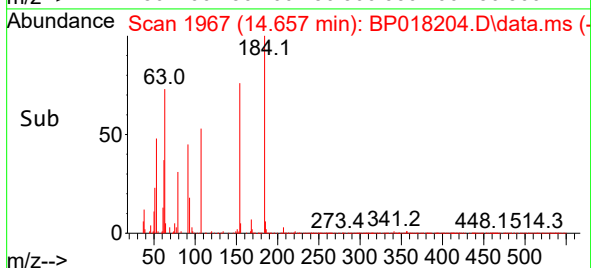
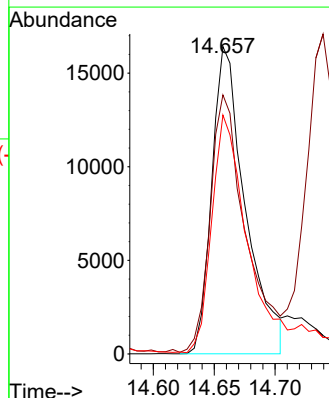
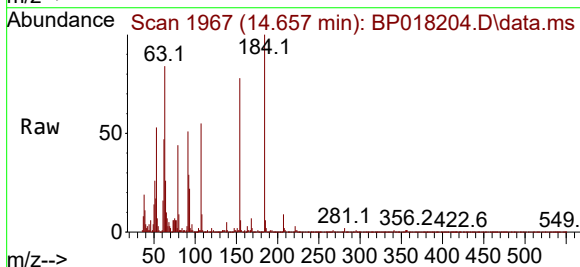
Tgt Ion:184 Resp: 31392

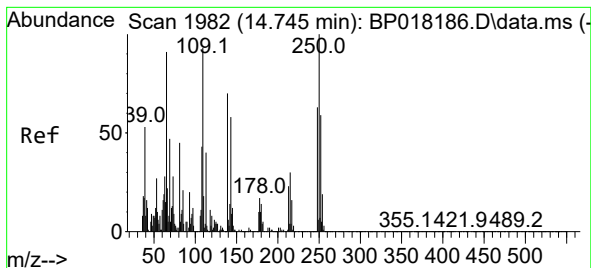
Ion Ratio Lower Upper

184 100

63 84.3 67.7 101.5

154 77.7 60.2 90.4

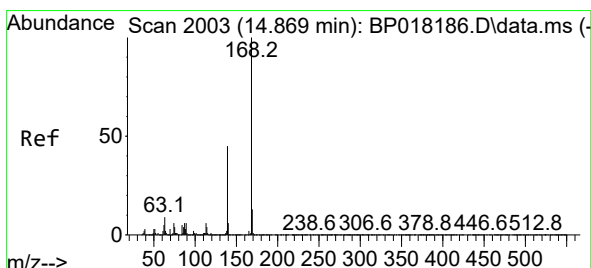
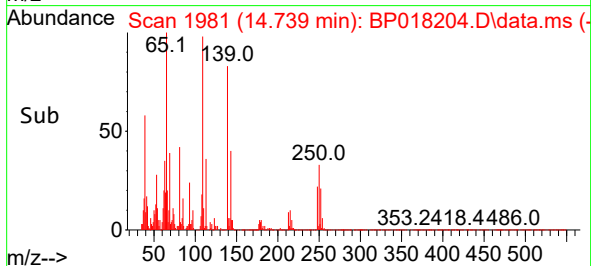
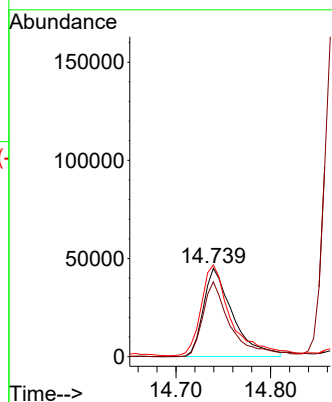
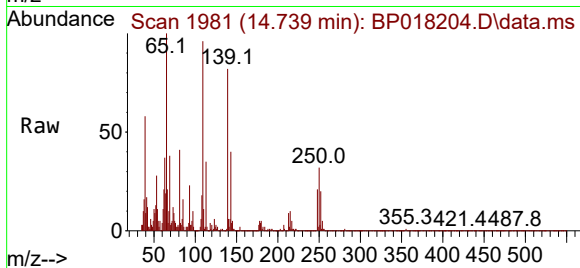




#55
4-Nitrophenol
Concen: 25.699 ng/ul
RT: 14.739 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

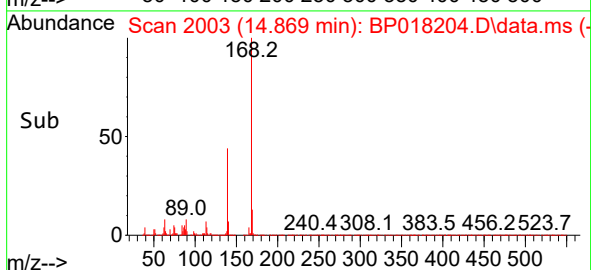
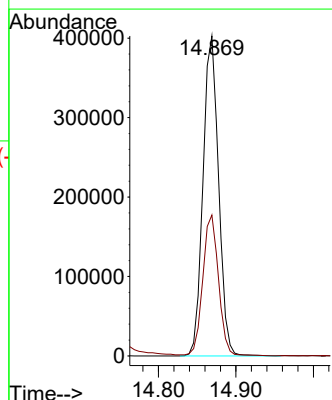
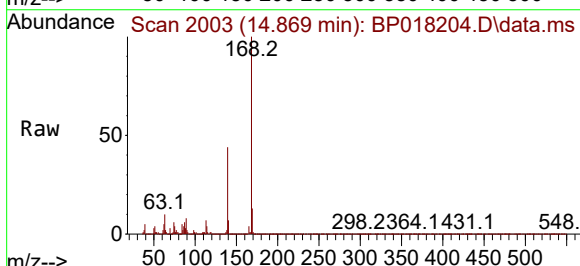
Instrument :
BNA_P
ClientSampleId :
SLCS167

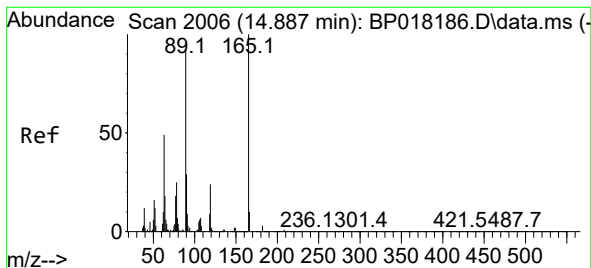
Tgt Ion:109 Resp: 96479
Ion Ratio Lower Upper
109 100
139 84.8 74.9 112.3
65 103.8 93.8 140.6



#56
Dibenzofuran
Concen: 26.556 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:168 Resp: 561647
Ion Ratio Lower Upper
168 100
139 44.1 34.0 51.0

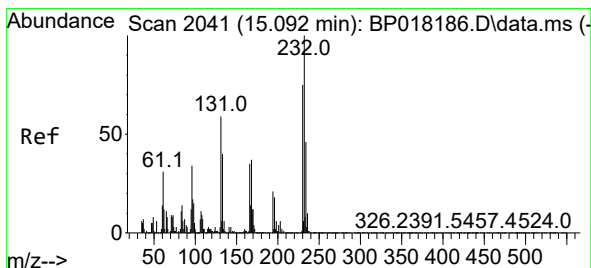
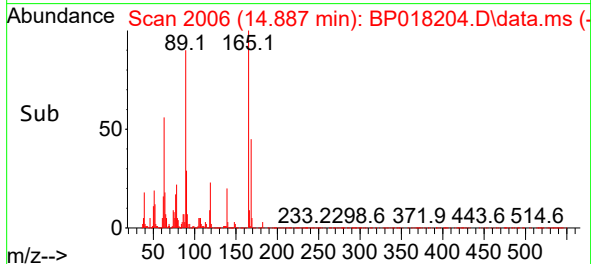
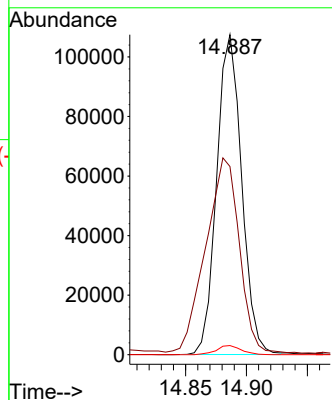
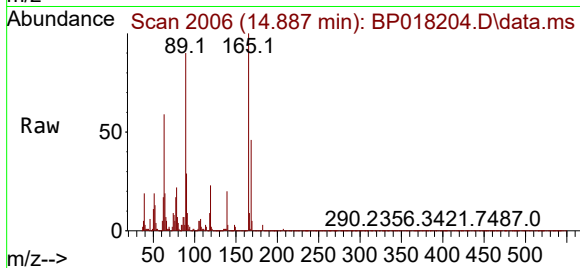




#57
2,4-Dinitrotoluene
Concen: 27.787 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

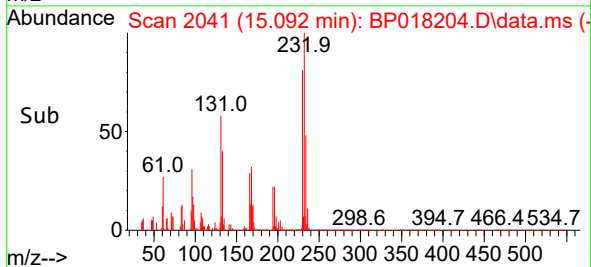
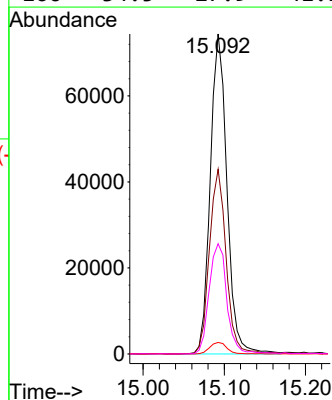
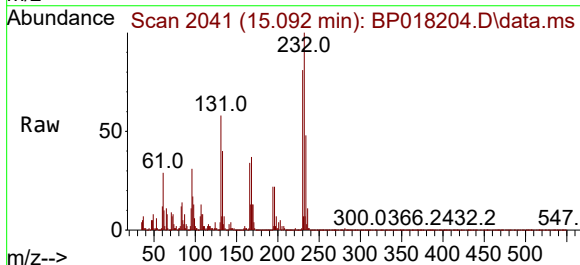
Instrument :
BNA_P
ClientSampleId :
SLCS167

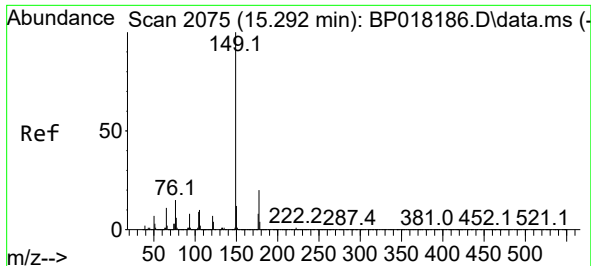
Tgt Ion:165 Resp: 153206
Ion Ratio Lower Upper
165 100
63 58.8 48.6 72.8
182 2.9 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 24.958 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:232 Resp: 106220
Ion Ratio Lower Upper
232 100
131 57.7 44.1 66.1
130 3.6 2.5 3.7
166 34.5 27.9 41.9

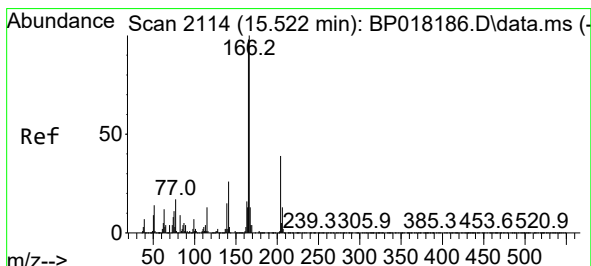
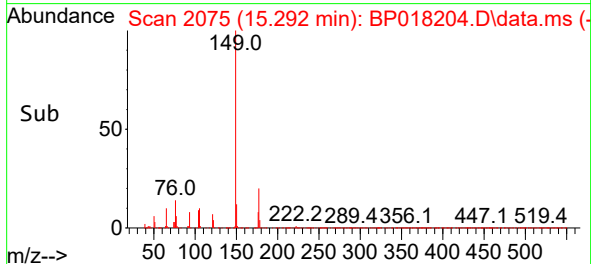
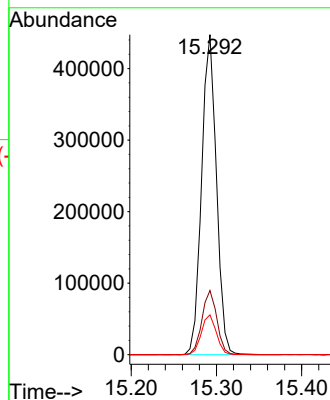
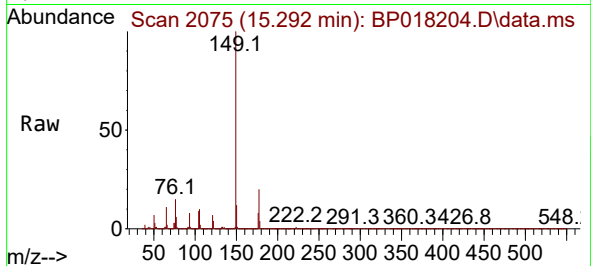




#59
Diethylphthalate
Concen: 27.832 ng/ul
RT: 15.292 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

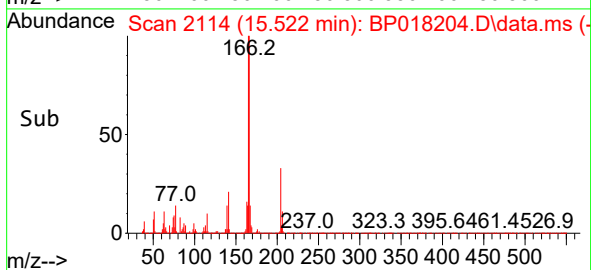
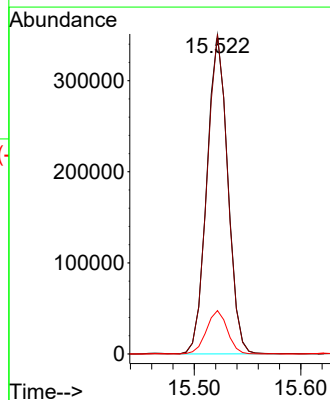
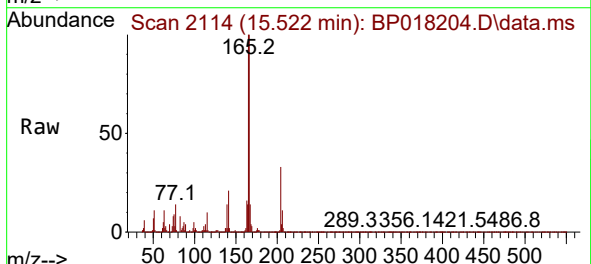
Instrument :
BNA_P
ClientSampleId :
SLCS167

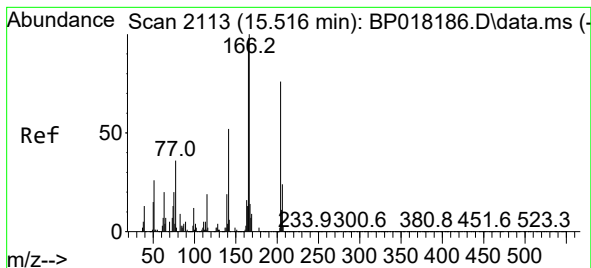
Tgt Ion:149 Resp: 539868
Ion Ratio Lower Upper
149 100
177 20.1 16.3 24.5
150 12.4 10.0 15.0



#61
Fluorene
Concen: 26.520 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:166 Resp: 476195
Ion Ratio Lower Upper
166 100
165 100.4 79.0 118.6
167 13.6 10.6 16.0

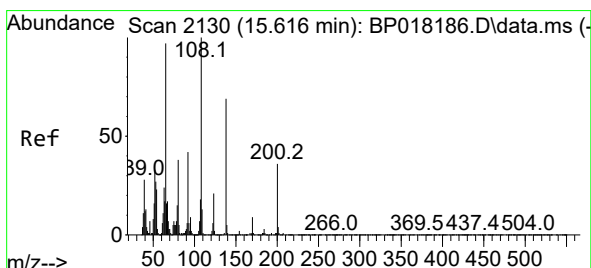
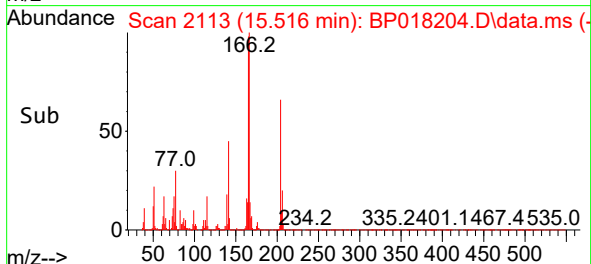
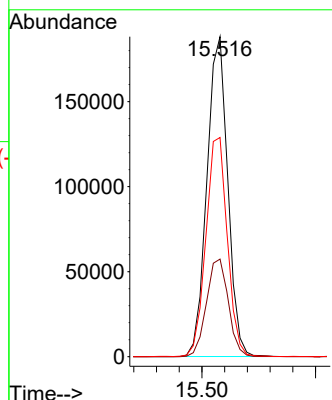
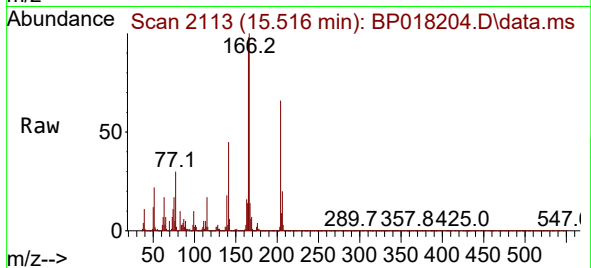




#62
4-Chlorophenyl-phenylether
Concen: 27.218 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

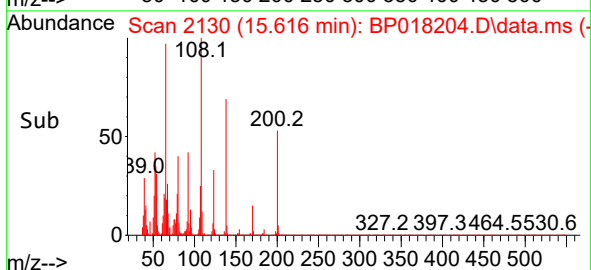
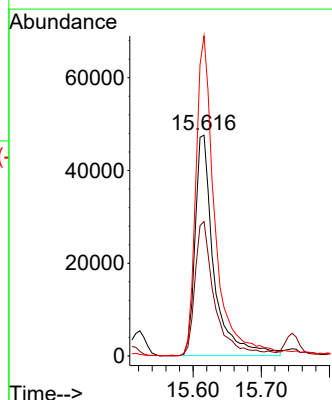
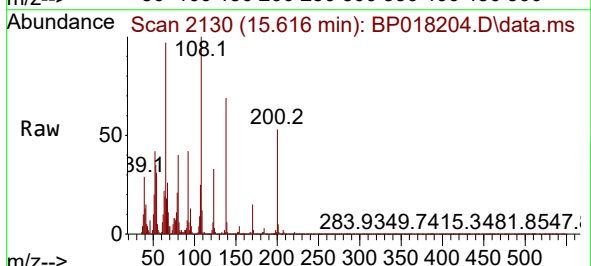
Instrument :
BNA_P
ClientSampleId :
SLCS167

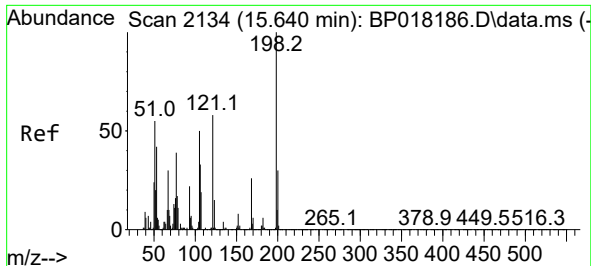
Tgt Ion:204 Resp: 239497
Ion Ratio Lower Upper
204 100
206 30.5 26.2 39.2
141 68.5 56.0 84.0



#63
4-Nitroaniline
Concen: 28.146 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:138 Resp: 90952
Ion Ratio Lower Upper
138 100
92 60.8 46.6 70.0
108 144.9 104.7 157.1

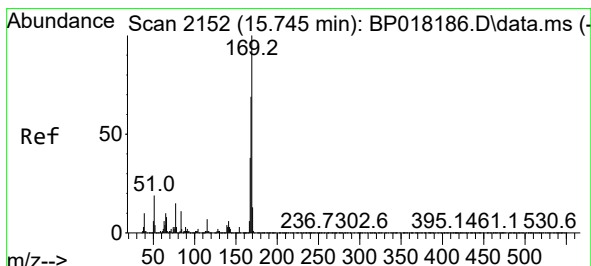
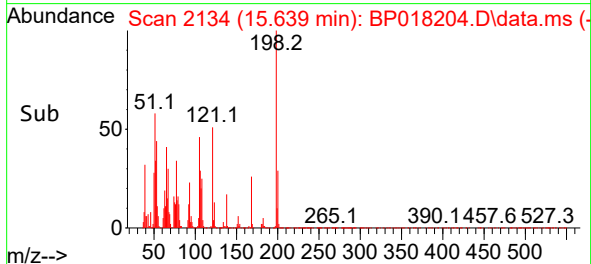
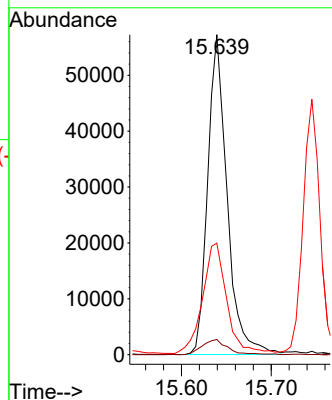
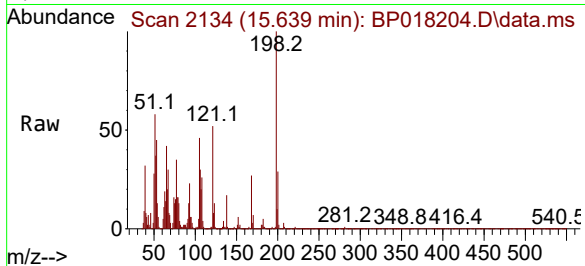




#66
4,6-Dinitro-2-methylphenol
Concen: 24.661 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

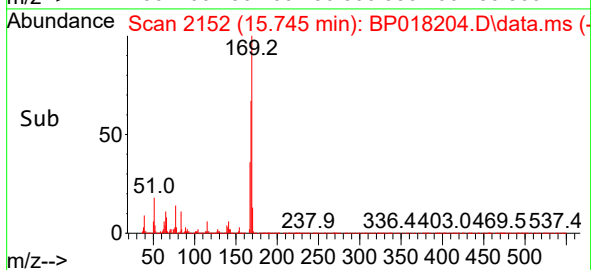
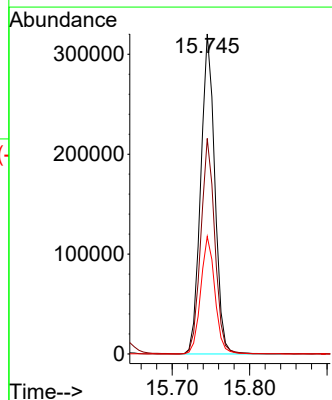
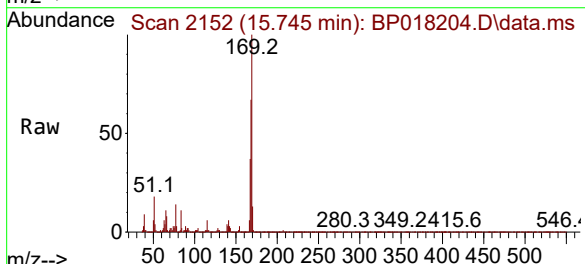
Instrument :
BNA_P
ClientSampleId :
SLCS167

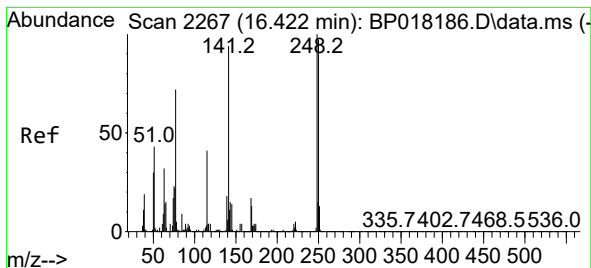
Tgt Ion:198 Resp: 85999
Ion Ratio Lower Upper
198 100
182 4.7 3.8 5.6
77 34.9 27.2 40.8



#67
N-Nitrosodiphenylamine
Concen: 27.037 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:169 Resp: 403096
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.8
167 36.7 29.8 44.6

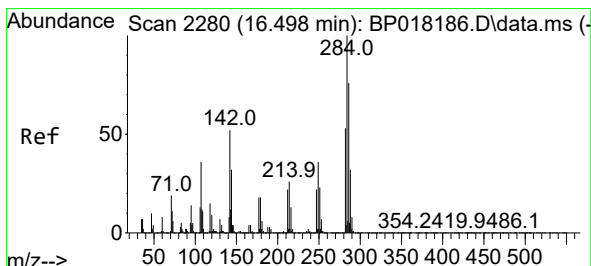
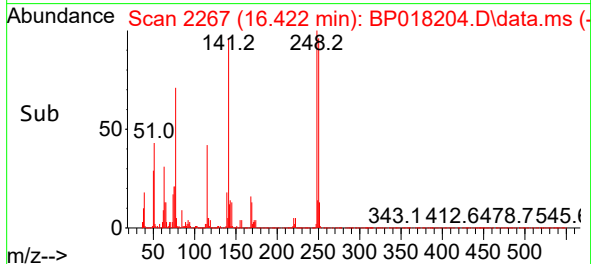
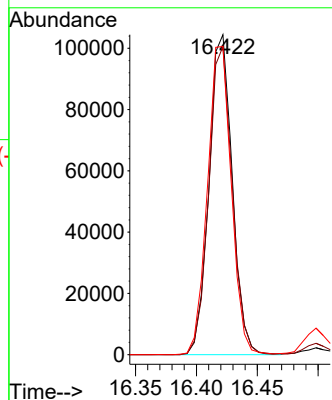
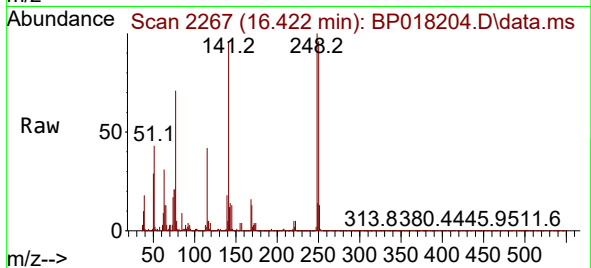




#68
4-Bromophenyl-phenylether
Concen: 26.459 ng/ul
RT: 16.422 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

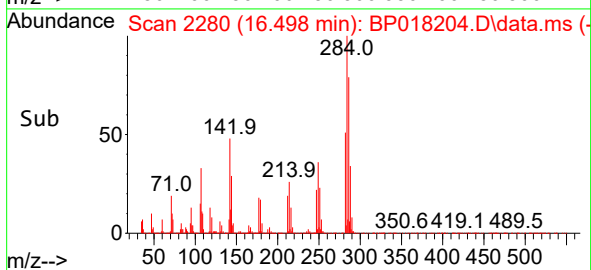
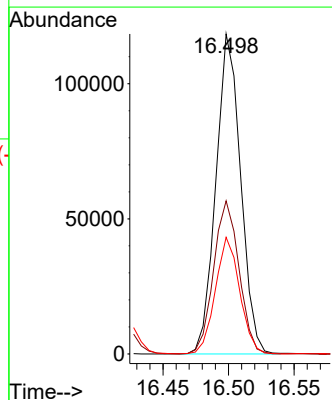
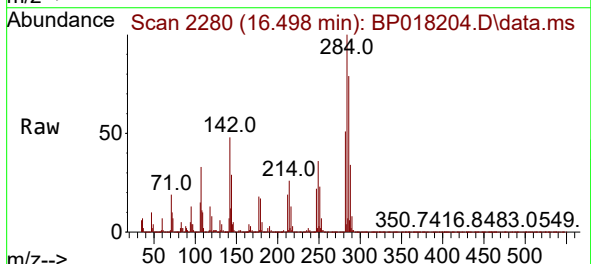
Instrument :
BNA_P
ClientSampleId :
SLCS167

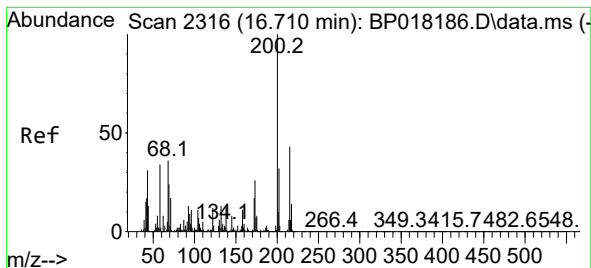
Tgt Ion:248 Resp: 138631
Ion Ratio Lower Upper
248 100
250 96.3 72.7 109.1
141 96.3 70.4 105.6



#69
Hexachlorobenzene
Concen: 26.537 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:284 Resp: 155146
Ion Ratio Lower Upper
284 100
142 47.9 38.9 58.3
249 36.5 28.6 43.0





#70

Atrazine

Concen: 29.077 ng/ul

RT: 16.710 min Scan# 2316

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

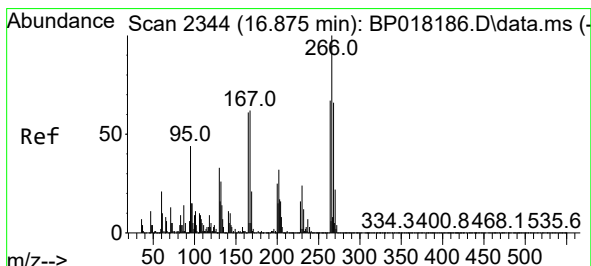
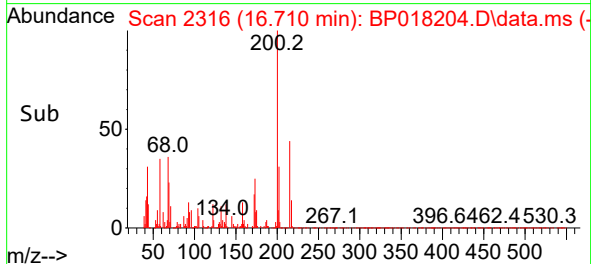
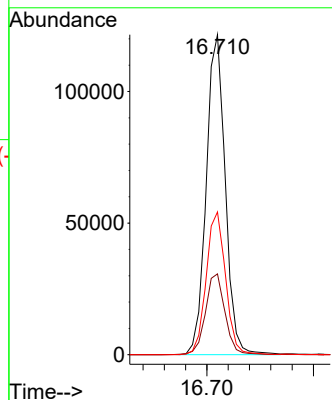
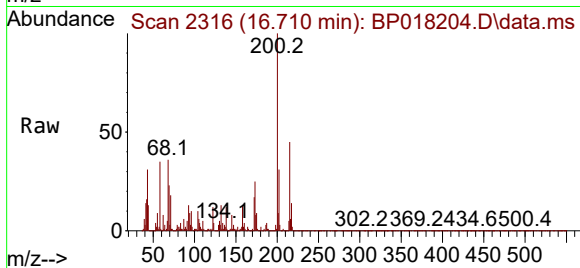
Tgt Ion:200 Resp: 151217

Ion Ratio Lower Upper

200 100

173 25.3 20.2 30.2

215 44.6 37.8 56.8



#71

Pentachlorophenol

Concen: 12.702 ng/ul

RT: 16.875 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

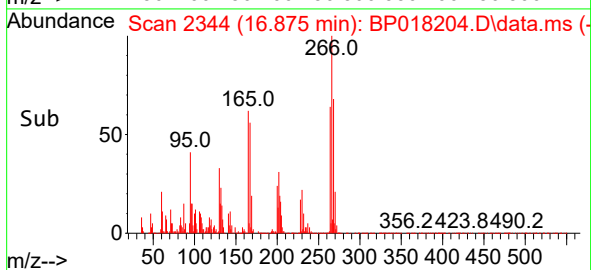
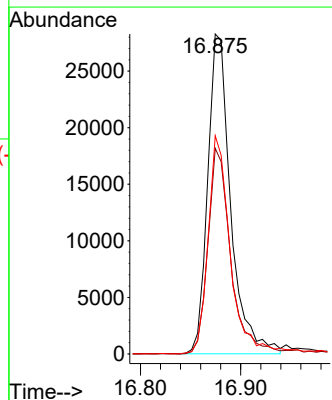
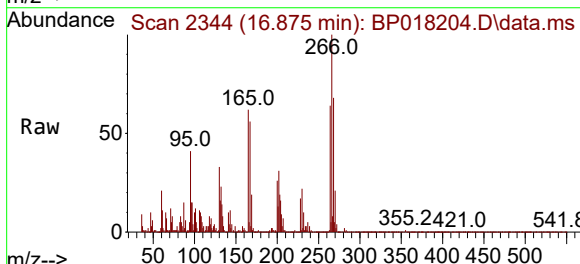
Tgt Ion:266 Resp: 45078

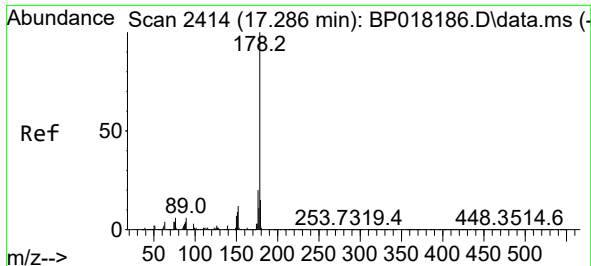
Ion Ratio Lower Upper

266 100

264 64.3 50.7 76.1

268 68.2 52.4 78.6

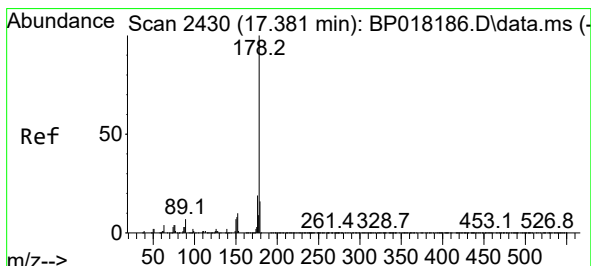
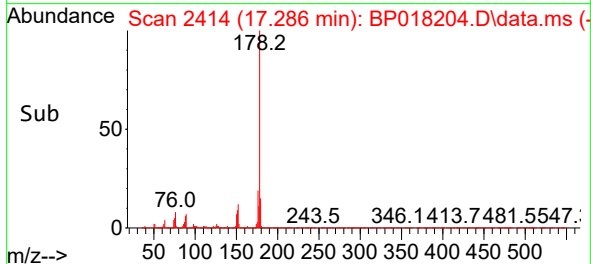
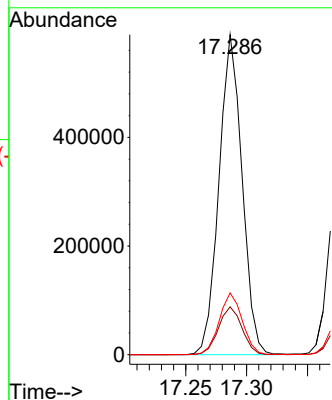
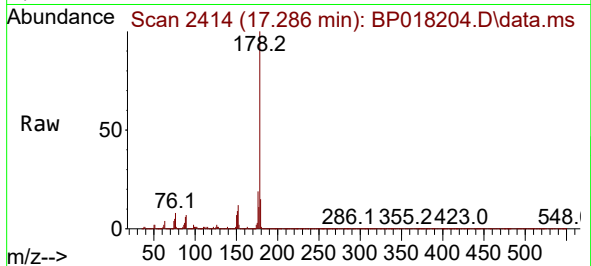




#72
Phenanthrene
Concen: 27.198 ng/ul
RT: 17.286 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

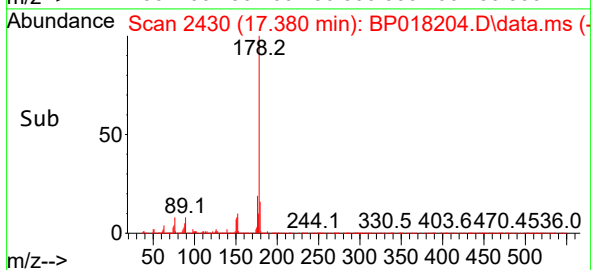
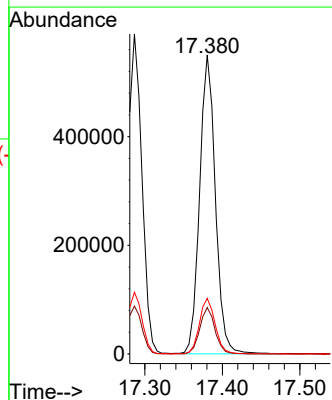
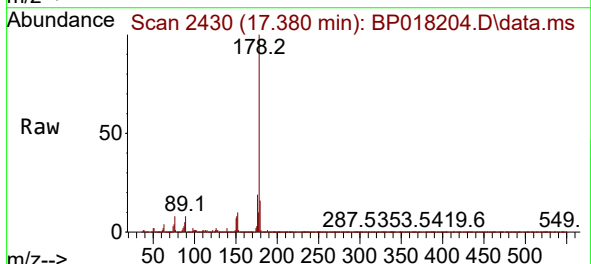
Instrument :
BNA_P
ClientSampleId :
SLCS167

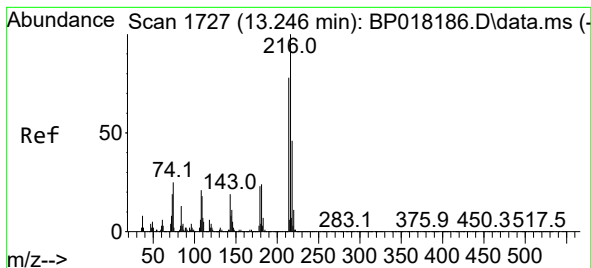
Tgt Ion:178 Resp: 776329
Ion Ratio Lower Upper
178 100
179 15.0 12.0 18.0
176 19.3 15.5 23.3



#74
Anthracene
Concen: 26.641 ng/ul
RT: 17.380 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BP018204.D
Acq: 16 Nov 2023 08:55

Tgt Ion:178 Resp: 776016
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 18.6 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.800 ng/uL

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

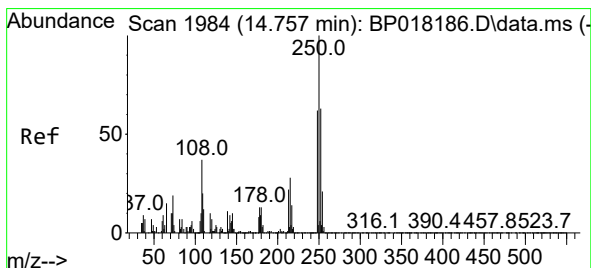
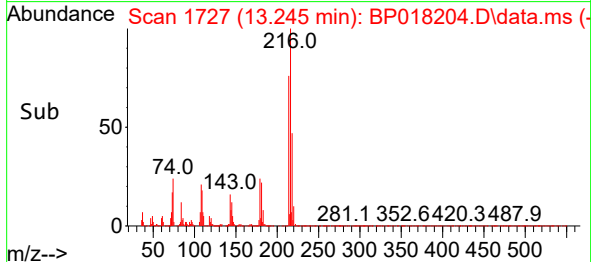
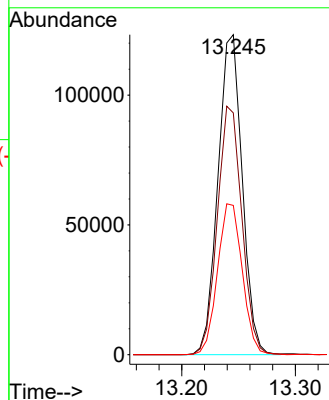
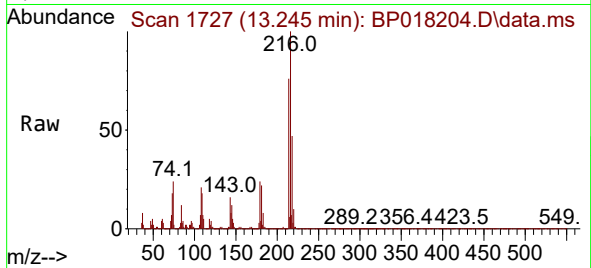
Tgt Ion:216 Resp: 183157

Ion Ratio Lower Upper

216 100

214 75.5 64.0 96.0

218 46.6 39.0 58.4



#76

Pentachlorobenzene

Concen: 26.035 ng/uL

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

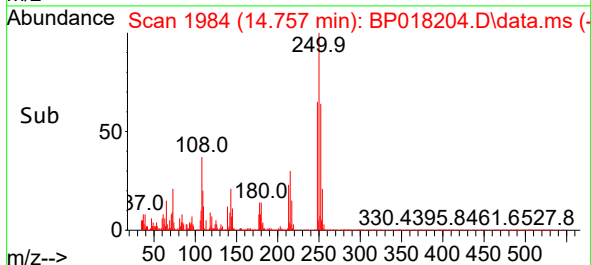
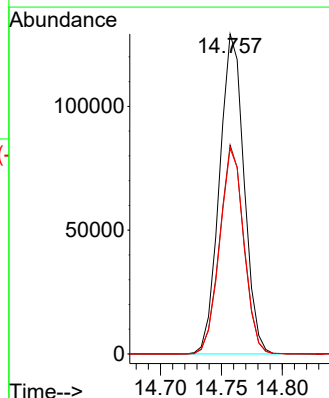
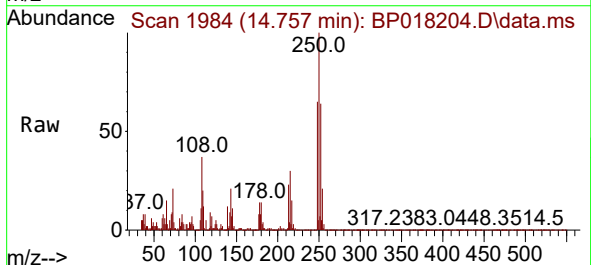
Tgt Ion:250 Resp: 180931

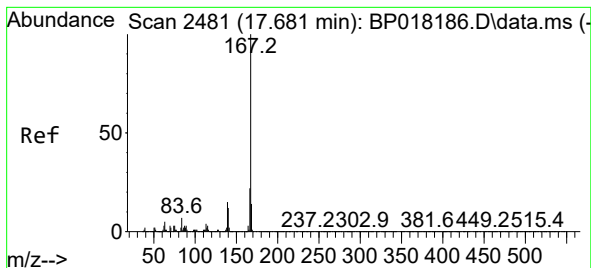
Ion Ratio Lower Upper

250 100

248 65.3 52.7 79.1

252 64.3 52.3 78.5





#77

Carbazole

Concen: 27.874 ng/ul

RT: 17.680 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

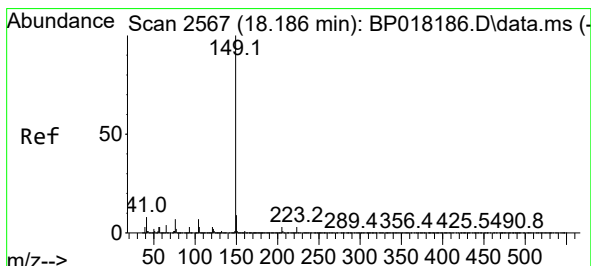
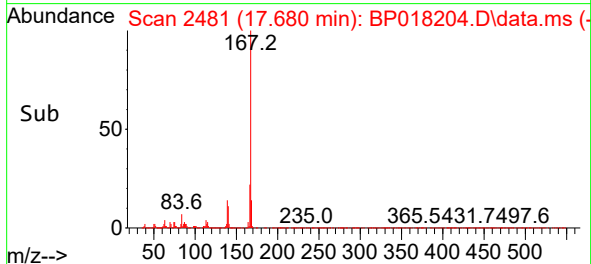
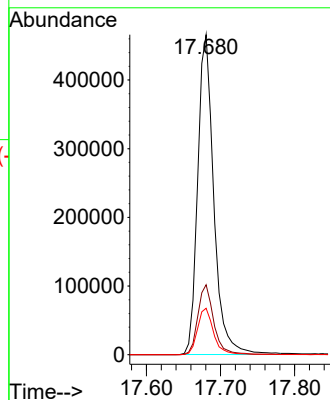
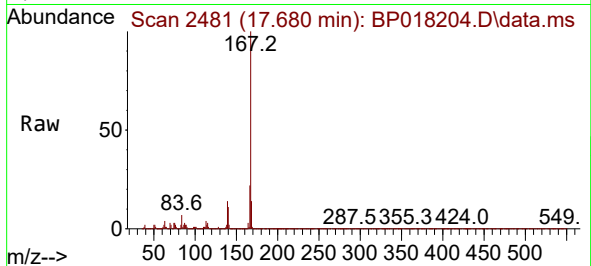
Tgt Ion:167 Resp: 705068

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

139 14.5 11.4 17.0



#78

Di-n-butylphthalate

Concen: 29.689 ng/ul

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

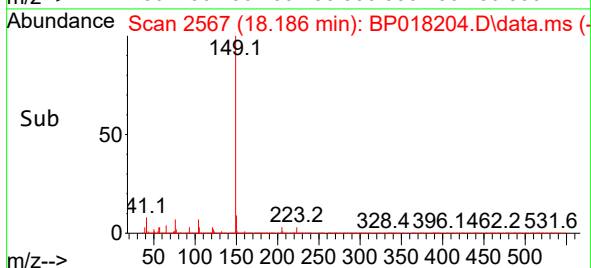
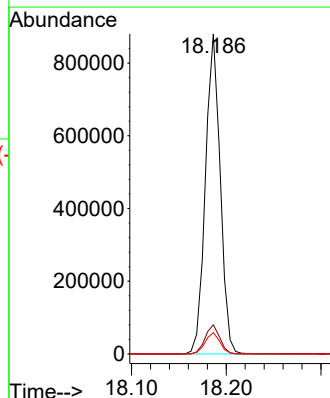
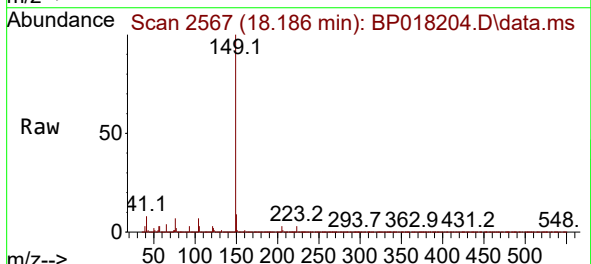
Tgt Ion:149 Resp: 952858

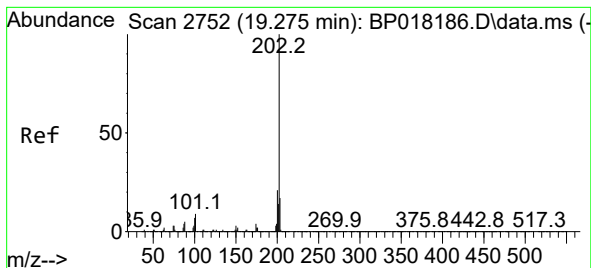
Ion Ratio Lower Upper

149 100

150 9.1 6.7 10.1

104 6.6 5.1 7.7





#80

Fluoranthene

Concen: 26.455 ng/ul

RT: 19.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

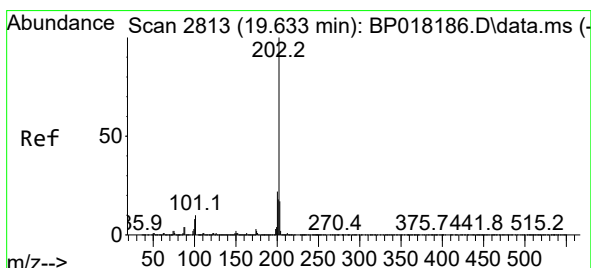
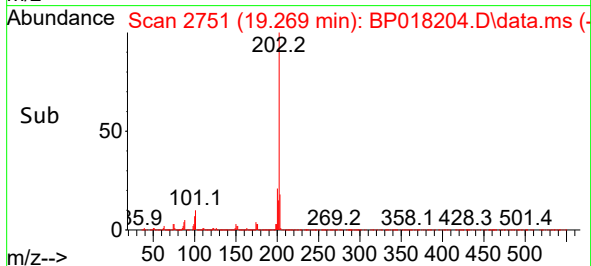
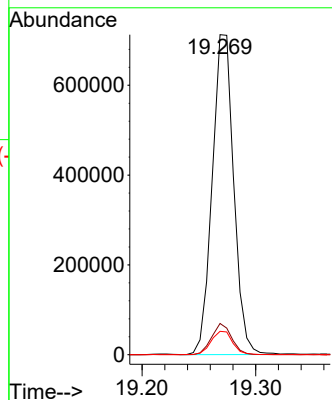
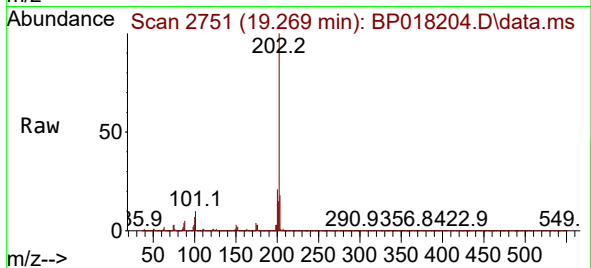
Tgt Ion:202 Resp: 939170

Ion Ratio Lower Upper

202 100

101 9.8 7.2 10.8

100 7.3 5.8 8.6



#82

Pyrene

Concen: 26.580 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

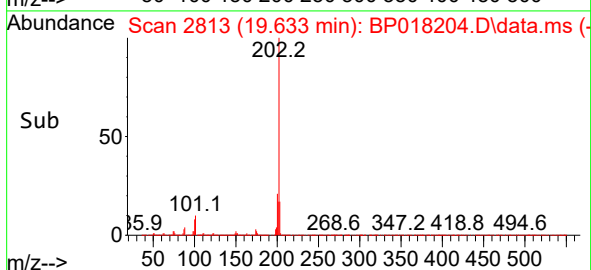
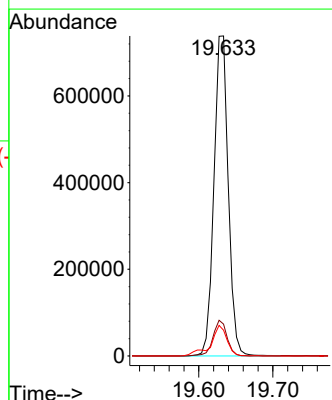
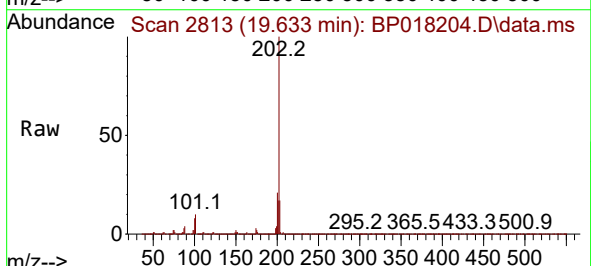
Tgt Ion:202 Resp: 988778

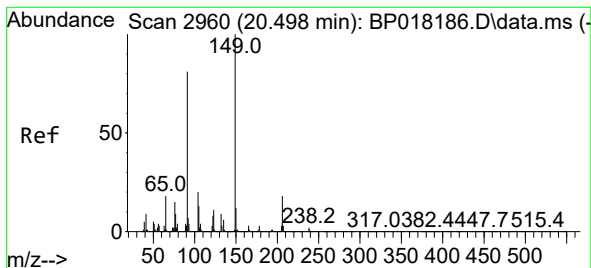
Ion Ratio Lower Upper

202 100

101 9.9 8.3 12.5

100 8.0 7.4 11.2





#83

Butylbenzylphthalate

Concen: 29.258 ng/ul

RT: 20.498 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

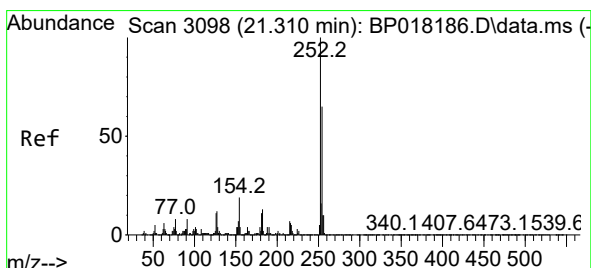
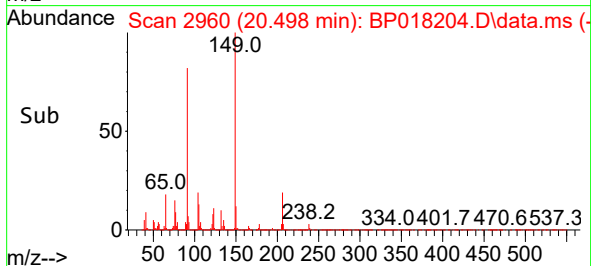
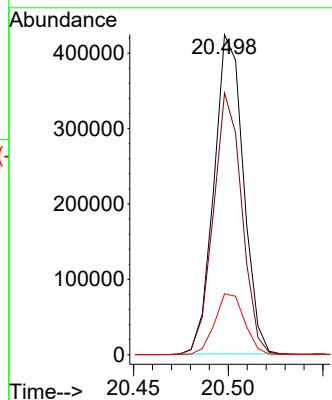
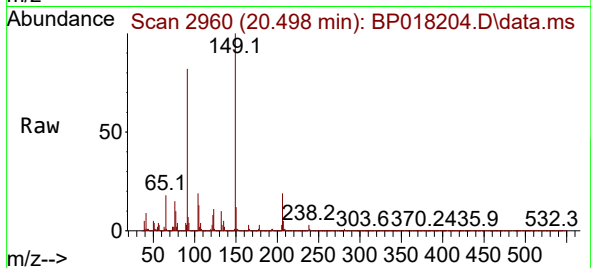
Tgt Ion:149 Resp: 457716

Ion Ratio Lower Upper

149 100

91 81.8 59.6 89.4

206 19.0 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 27.179 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

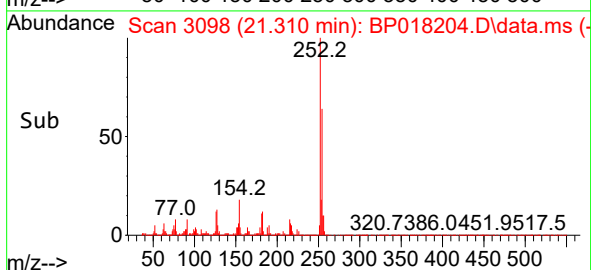
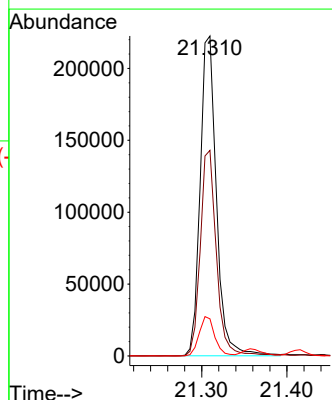
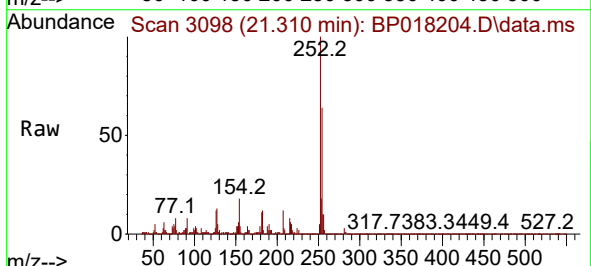
Tgt Ion:252 Resp: 295512

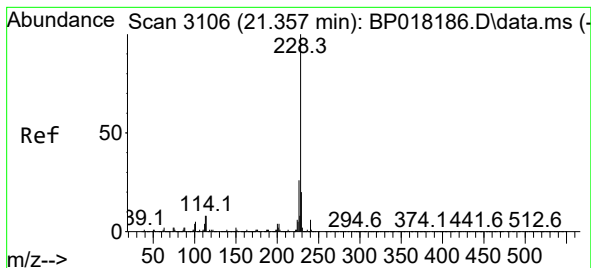
Ion Ratio Lower Upper

252 100

254 64.3 48.9 73.3

126 11.6 9.4 14.0





#85

Benzo(a)anthracene

Concen: 27.214 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

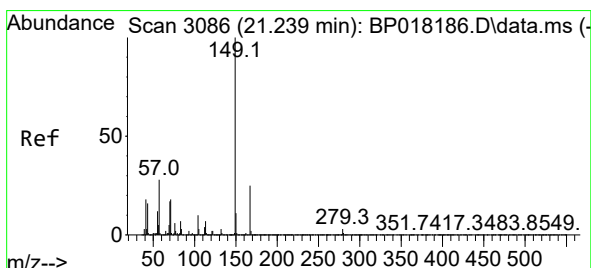
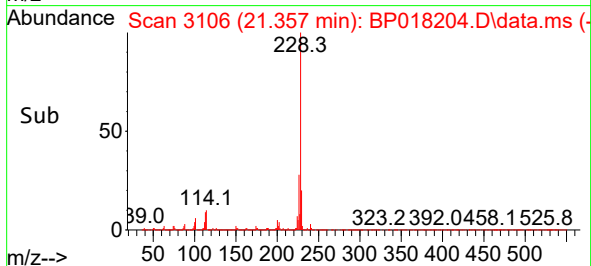
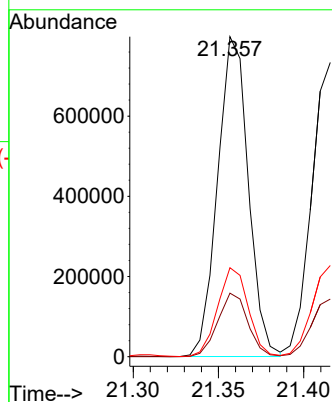
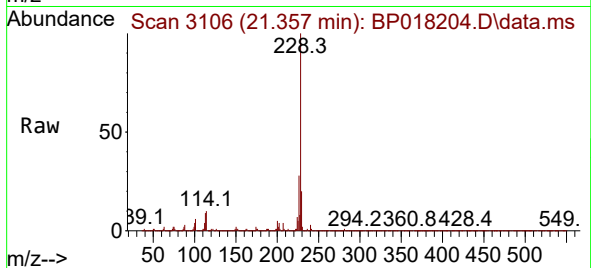
Tgt Ion:228 Resp: 1000050

Ion Ratio Lower Upper

228 100

229 19.9 15.4 23.0

226 27.8 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.975 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

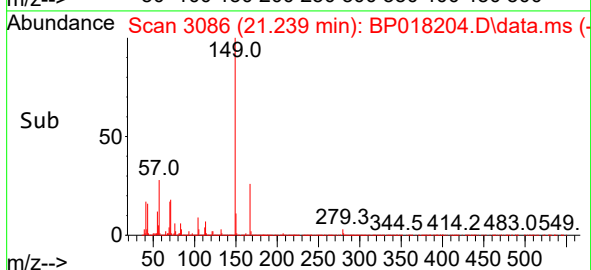
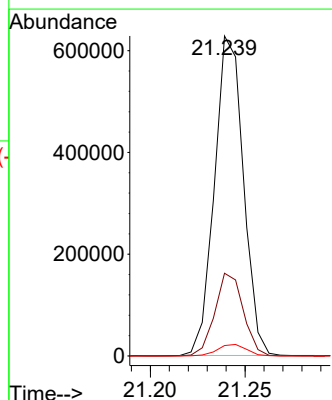
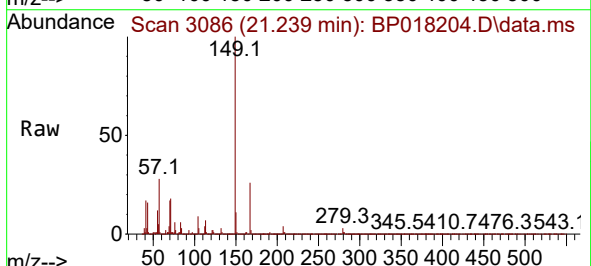
Tgt Ion:149 Resp: 668107

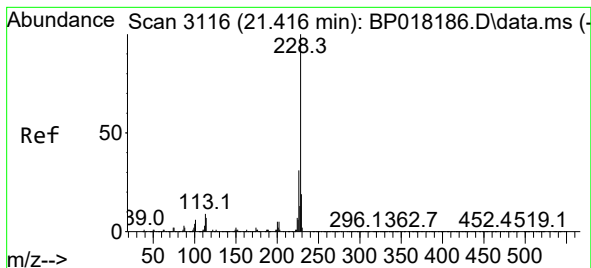
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

279 3.3 3.2 4.8





#87

Chrysene

Concen: 26.917 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

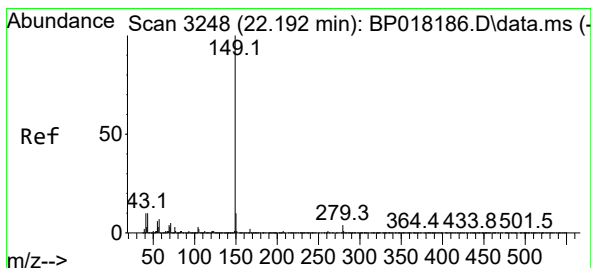
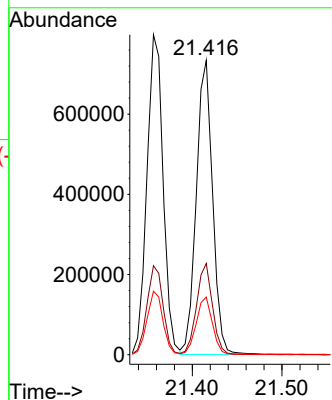
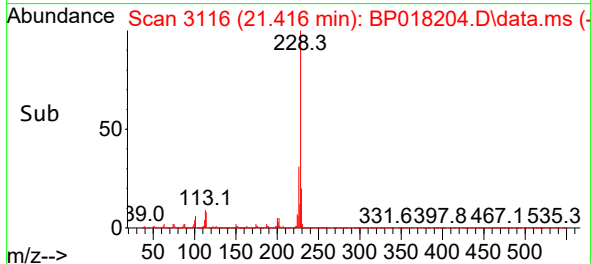
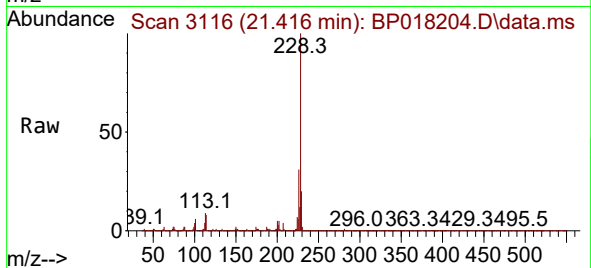
Tgt Ion:228 Resp: 925349

Ion Ratio Lower Upper

228 100

226 31.0 23.1 34.7

229 19.6 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 32.006 ng/ul

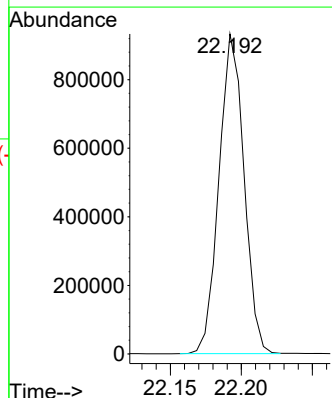
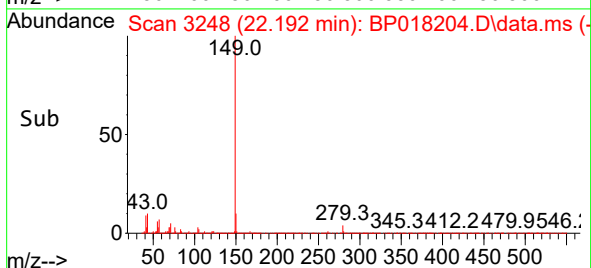
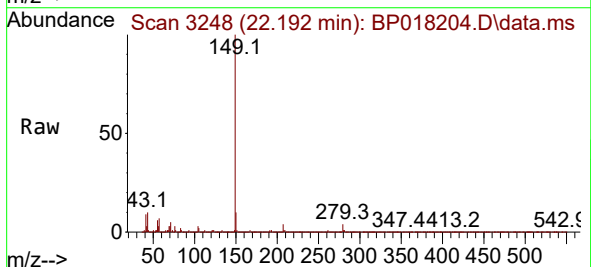
RT: 22.192 min Scan# 3248

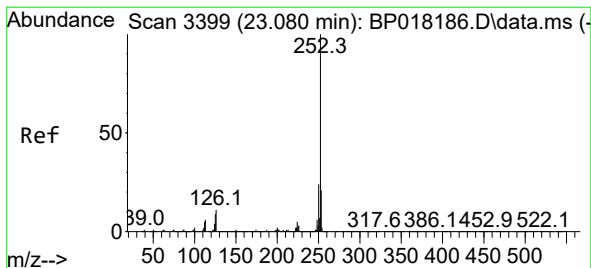
Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Tgt Ion:149 Resp: 1141462





#90

Benzo(b)fluoranthene

Concen: 28.101 ng/ul

RT: 23.080 min Scan# 3399

Delta R.T. -0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

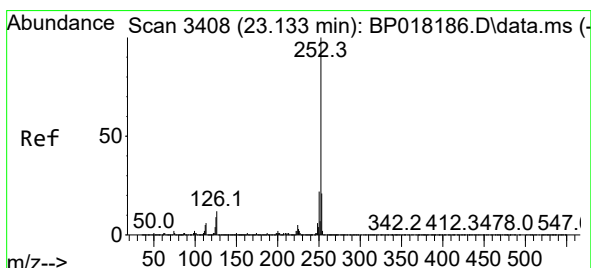
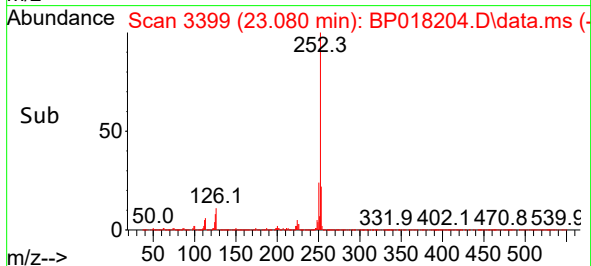
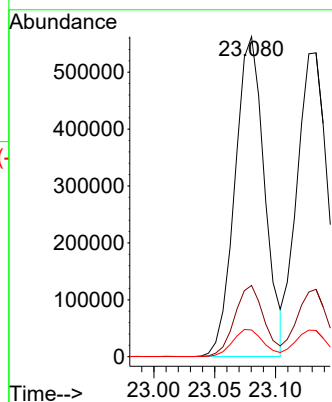
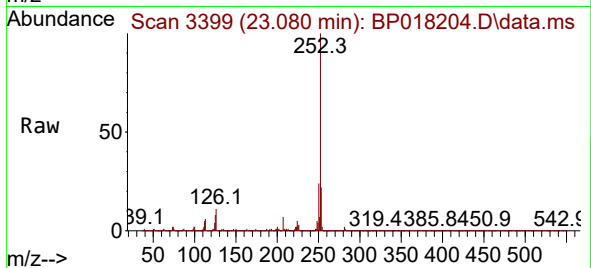
Tgt Ion:252 Resp: 953691

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 8.3 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 27.773 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

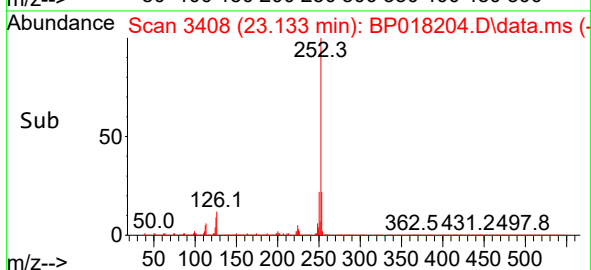
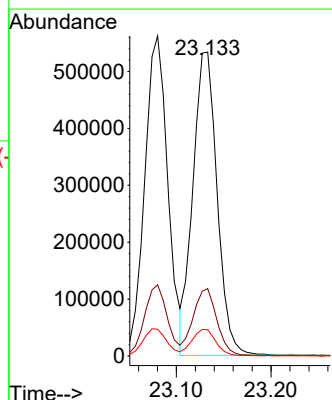
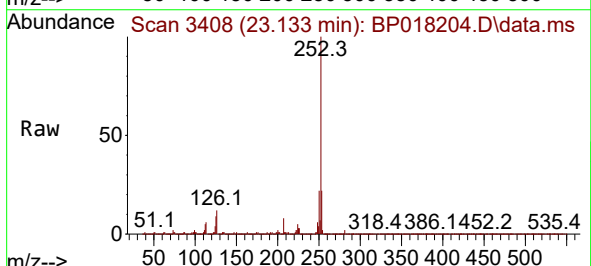
Tgt Ion:252 Resp: 948306

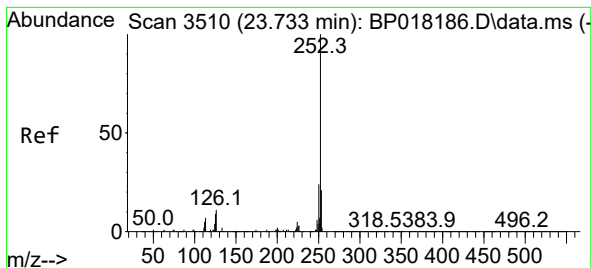
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.6 6.8 10.2





#93

Benzo(a)pyrene

Concen: 27.987 ng/ul

RT: 23.733 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

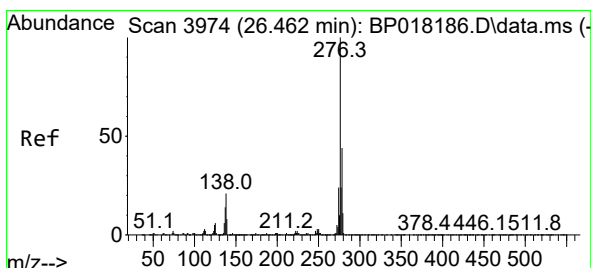
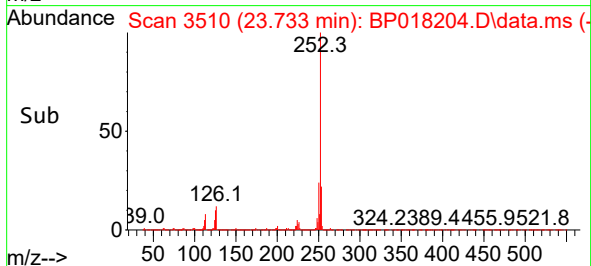
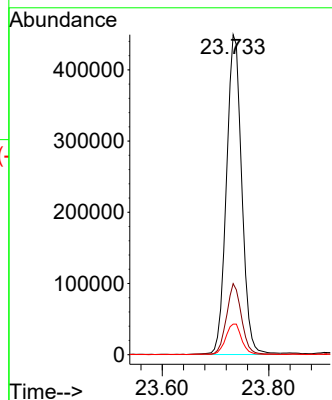
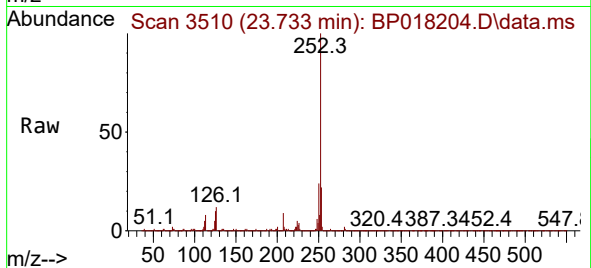
Tgt Ion:252 Resp: 896976

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.6 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.118 ng/ul

RT: 26.468 min Scan# 3975

Delta R.T. 0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

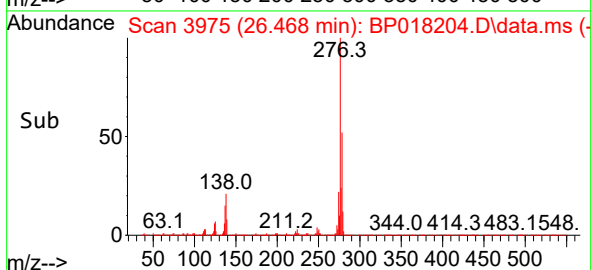
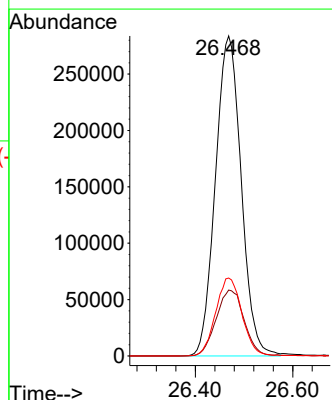
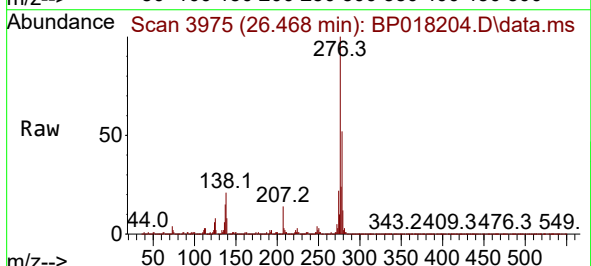
Tgt Ion:276 Resp: 1042424

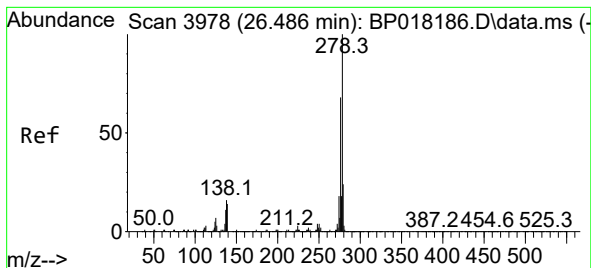
Ion Ratio Lower Upper

276 100

138 20.6 15.6 23.4

277 24.3 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 27.372 ng/ul

RT: 26.492 min Scan# 3978

Delta R.T. -0.000 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Instrument :

BNA_P

ClientSampleId :

SLCS167

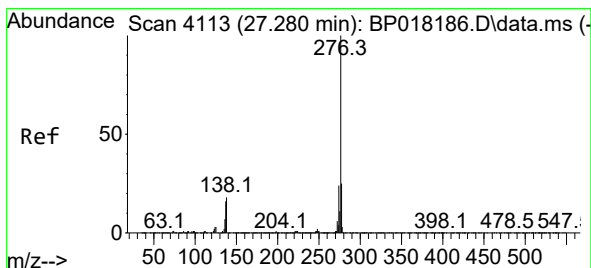
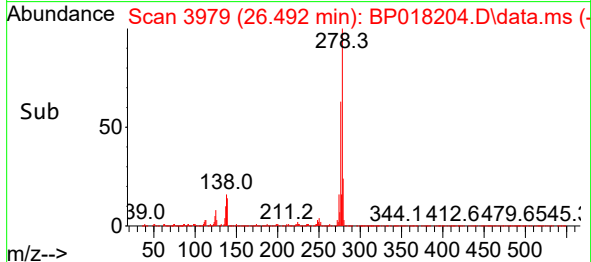
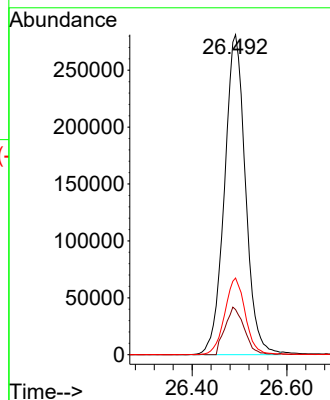
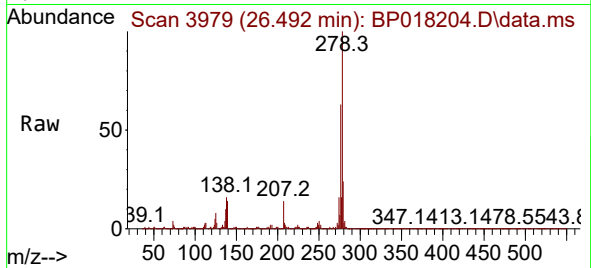
Tgt Ion:278 Resp: 866344

Ion Ratio Lower Upper

278 100

139 14.1 11.1 16.7

279 24.0 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 26.809 ng/ul

RT: 27.286 min Scan# 4114

Delta R.T. 0.006 min

Lab File: BP018204.D

Acq: 16 Nov 2023 08:55

Tgt Ion:276 Resp: 824252

Ion Ratio Lower Upper

276 100

138 19.4 13.8 20.6

277 24.7 20.2 30.2

