

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102523\
 Data File : BP017810.D
 Acq On : 25 Oct 2023 19:16
 Operator : MA/JU
 Sample : PB156616BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS616

Quant Time: Oct 26 04:57:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	128666	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	477591	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.581	164	279228	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	1186807	20.000	ng/u1	0.10
79) Chrysene-d12	21.516	240	527555	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	540806	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	27028	7.815	ng/uL	0.02
4) Pyridine-d5	3.705	84	334909	36.985	ng/u1	0.01
7) Phenol-d5	7.046	99	415942	38.848	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	267766	40.495	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	357970	40.992	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	326657	38.850	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	164480	42.502	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	185528	43.389	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	320716	38.236	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	404340	36.835	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	944984	40.314	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	1072730	41.036	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	153053	45.825	ng/u1	0.00
60) Fluorene-d10	15.587	176	792589	39.116	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	162670	20.809	ng/u1	0.00
73) Anthracene-d10	17.475	188	1186697	19.567	ng/u1	0.00
81) Pyrene-d10	19.733	212	1407311	42.549	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	1284775	42.653	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	49155	13.399	ng/uL	98
5) Pyridine	3.722	79	296801	31.991	ng/u1	95
6) Benzaldehyde	7.046	77	217764	37.808	ng/u1	95
8) Phenol	7.075	94	381947	36.180	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.328	93	312150	35.441	ng/u1	97
12) 2-Chlorophenol	7.440	128	314922	35.905	ng/u1	97
13) 2-Methylphenol	8.334	108	281521	35.335	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	216721	19.991	ng/u1	99
16) Acetophenone	8.740	105	465216	35.194	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.710	70	215478	34.367	ng/u1	97
18) 4-Methylphenol	8.675	108	302675	35.774	ng/u1	100
19) Hexachloroethane	8.940	117	149676	37.140	ng/u1	84
22) Nitrobenzene	9.134	77	389330	40.404	ng/u1	97
23) Isophorone	9.646	82	652943	37.893	ng/u1	97
25) 2-Nitrophenol	9.840	139	170479	37.352	ng/u1#	87
26) 2,4-Dimethylphenol	9.881	107	303305	33.858	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.134	93	391037	36.692	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	280383	34.957	ng/u1	95
30) Naphthalene	10.763	128	956665	34.807	ng/u1	100
32) 4-Chloroaniline	10.910	127	310476	29.537	ng/u1	99
33) Hexachlorobutadiene	10.987	225	204105	31.341	ng/u1	98
34) Caprolactam	11.751	113	40244	19.486	ng/u1	92
35) 4-Chloro-3-methylphenol	12.028	107	302801	40.100	ng/u1	92
36) 2-Methylnaphthalene	12.381	142	625569	33.695	ng/u1	99

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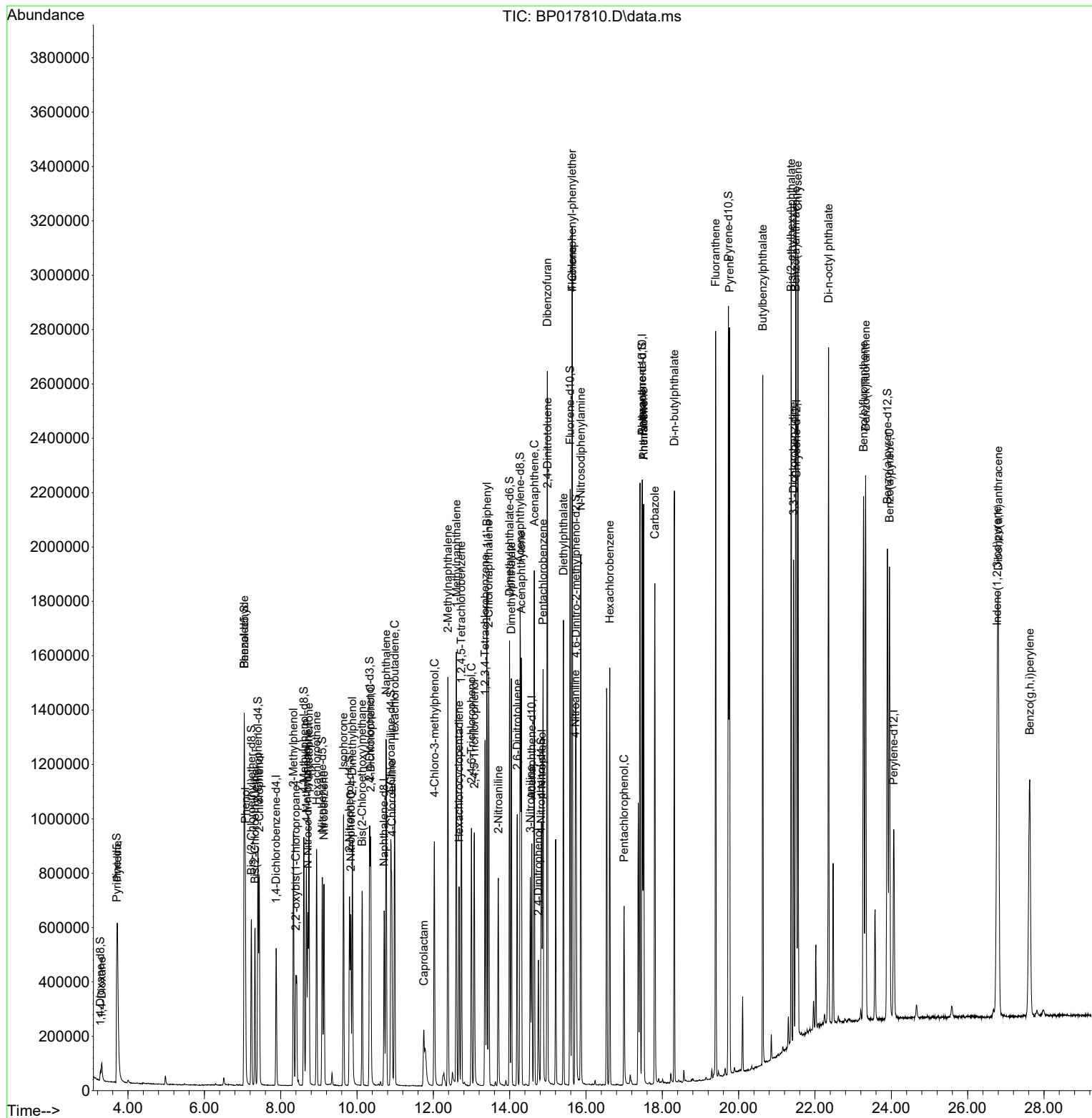
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	646659	34.059	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.734	216	343290	33.225	ng/ul#	95
40) Hexachlorocyclopentadiene	12.675	237	178565	30.081	ng/ul	98
41) 2,4,6-Trichlorophenol	12.998	196	190932	30.791	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	212298	33.115	ng/ul	96
43) 1,1'-Biphenyl	13.404	154	838818	36.463	ng/ul	100
44) 2-Chloronaphthalene	13.451	162	654630	35.202	ng/ul	97
45) 2-Nitroaniline	13.704	65	204575	48.410	ng/ul	93
47) Dimethylphthalate	14.045	163	836327	36.202	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	172623	40.596	ng/ul	91
50) Acenaphthylene	14.304	152	1001904	34.216	ng/ul	99
51) 3-Nitroaniline	14.540	138	165320	40.879	ng/ul	97
52) Acenaphthene	14.645	153	700620	35.394	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	90942	38.099	ng/ul#	83
55) 4-Nitrophenol	14.839	109	157041	44.418	ng/ul	92
56) Dibenzofuran	14.987	168	975567	35.103	ng/ul	91
57) 2,4-Dinitrotoluene	14.992	165	248595	39.612	ng/ul	96
59) Diethylphthalate	15.410	149	859120	38.517	ng/ul	99
61) Fluorene	15.639	166	799433	35.019	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.634	204	402935	33.207	ng/ul#	89
63) 4-Nitroaniline	15.722	138	159333	43.681	ng/ul	88
67) N-Nitrosodiphenylamine	15.863	169	671789	18.684	ng/ul	100
69) Hexachlorobenzene	16.622	284	256986	16.120	ng/ul#	87
71) Pentachlorophenol	16.998	266	98491	10.276	ng/ul	99
72) Phenanthrene	17.510	178	1251866	18.007	ng/ul	99
74) Anthracene	17.510	178	1250754	17.763	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.357	216	345567	17.353	ng/uL	98
76) Pentachlorobenzene	14.875	250	312447	16.189	ng/uL	98
77) Carbazole	17.804	167	1119090	18.804	ng/ul	98
78) Di-n-butylphthalate	18.316	149	1466153	21.220	ng/ul	99
80) Fluoranthene	19.398	202	1488643	39.173	ng/ul	97
82) Pyrene	19.763	202	1544043	38.351	ng/ul	99
83) Butylbenzylphthalate	20.633	149	674442	48.706	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	461329	38.705	ng/ul	98
85) Benzo(a)anthracene	21.498	228	1477525	36.841	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	964666	49.905	ng/ul#	99
87) Chrysene	21.551	228	1385165	36.523	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	1646716	48.071	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1420466	38.593	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1385722	37.148	ng/ul	99
93) Benzo(a)pyrene	23.951	252	1237423	35.812	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.774	276	1512796	36.735	ng/ul	98
95) Dibenzo(a,h)anthracene	26.804	278	1256803	36.577	ng/ul	97
96) Benzo(g,h,i)perylene	27.627	276	1228105	37.013	ng/ul	97

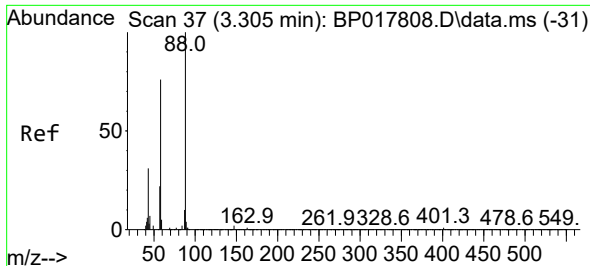
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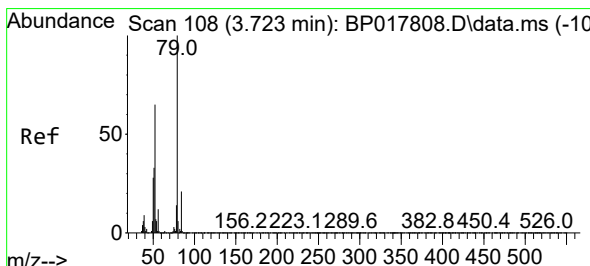
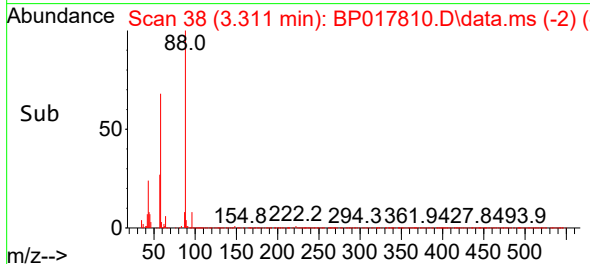
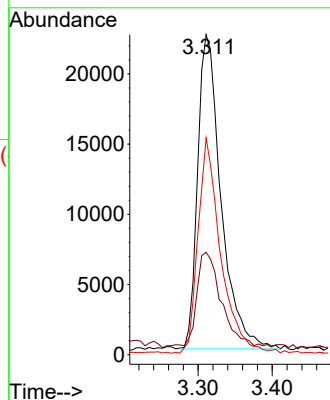
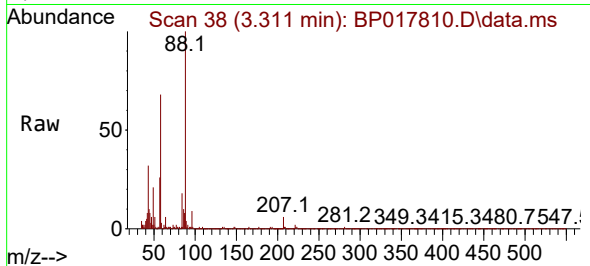




#2
1,4-Dioxane
Concen: 13.399 ng/uL
RT: 3.311 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

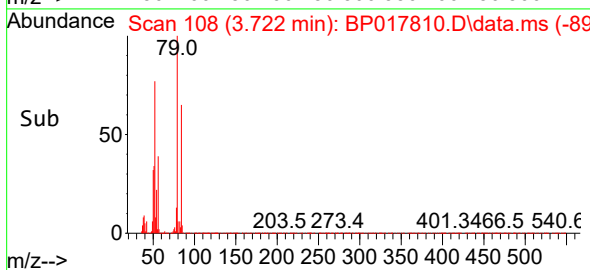
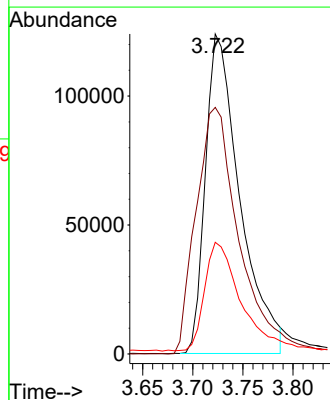
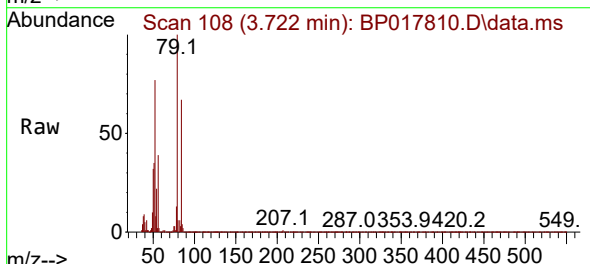
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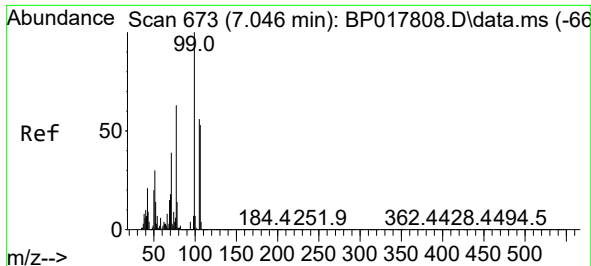
Tgt Ion: 88 Resp: 49155
Ion Ratio Lower Upper
88 100
43 32.0 24.4 36.6
58 67.7 53.0 79.6



#5
Pyridine
Concen: 31.991 ng/uL
RT: 3.722 min Scan# 108
Delta R.T. 0.012 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion: 79 Resp: 296801
Ion Ratio Lower Upper
79 100
52 77.1 57.2 85.8
51 34.9 28.6 42.8

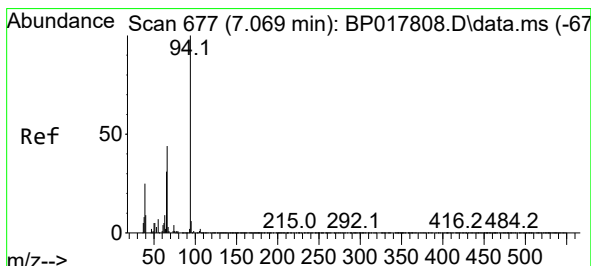
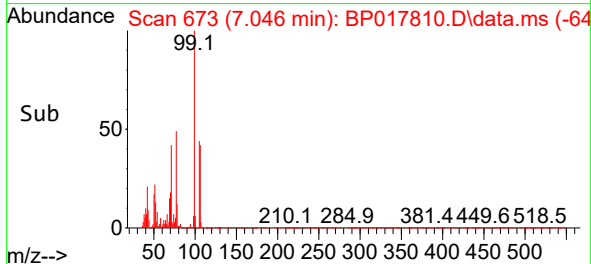
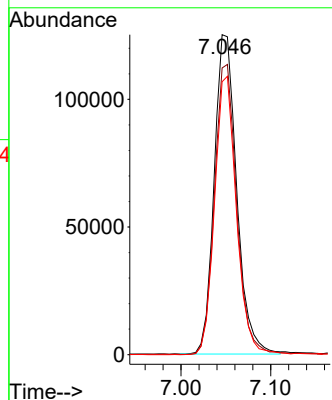
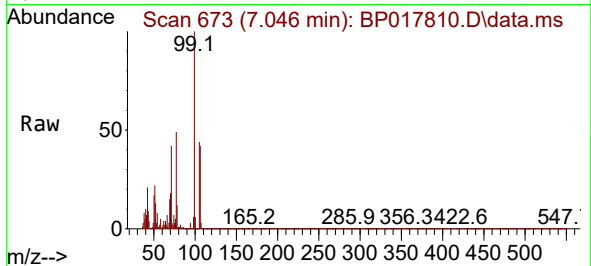




#6
Benzaldehyde
Concen: 37.808 ng/ul
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

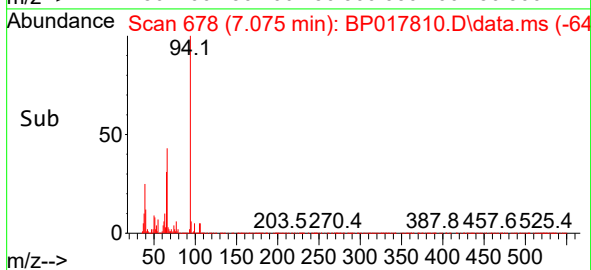
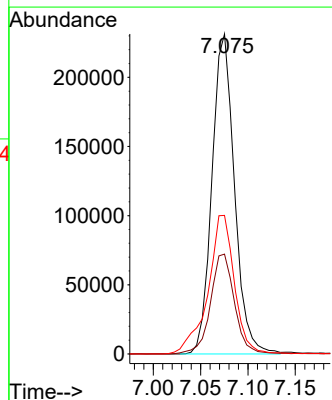
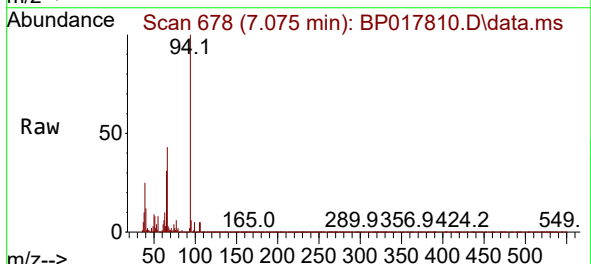
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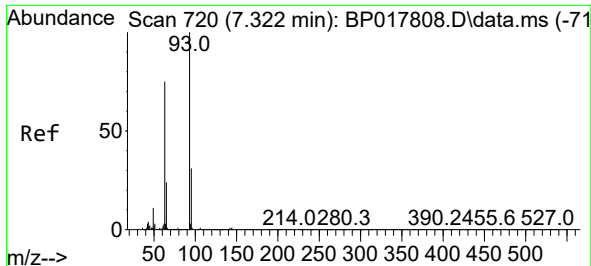
Tgt Ion: 77 Resp: 217764
Ion Ratio Lower Upper
77 100
105 89.6 75.4 113.2
106 85.3 72.3 108.5



#8
Phenol
Concen: 36.180 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. -0.000 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion: 94 Resp: 381947
Ion Ratio Lower Upper
94 100
65 31.2 25.0 37.4
66 43.3 33.0 49.6

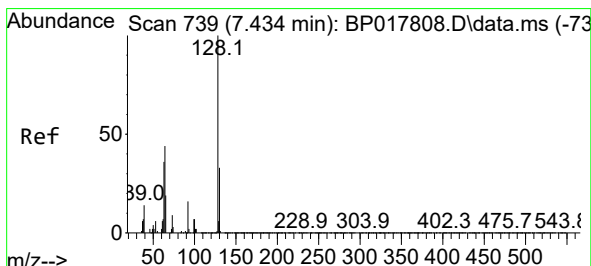
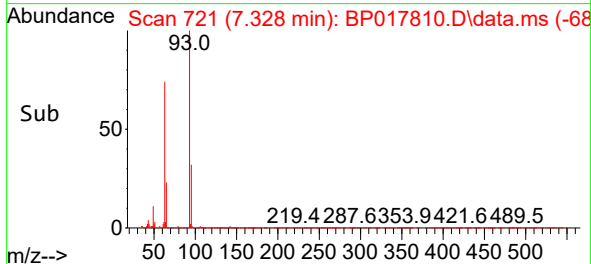
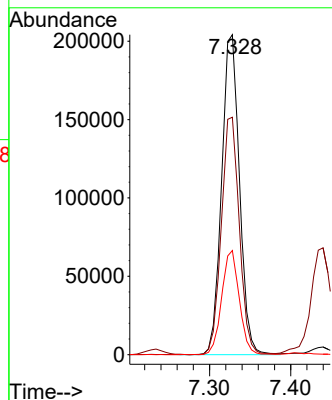
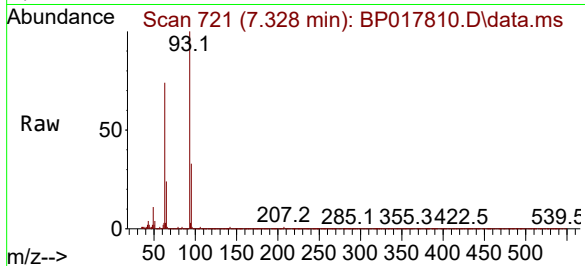




#10
Bis(2-Chloroethyl)ether
Concen: 35.441 ng/ul
RT: 7.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP017810.D
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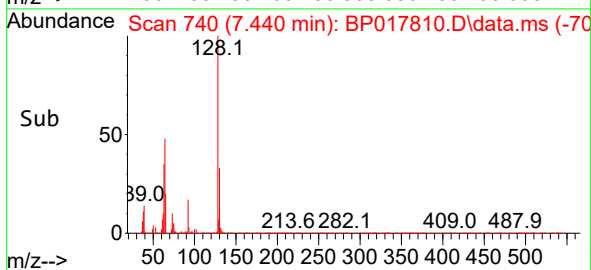
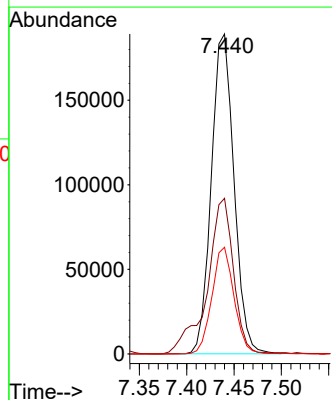
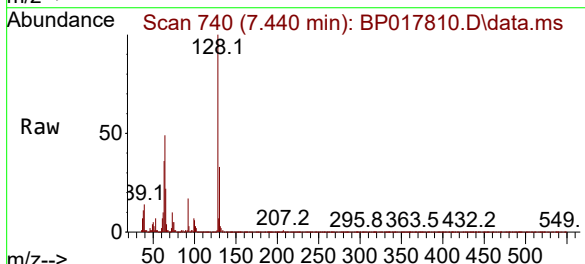
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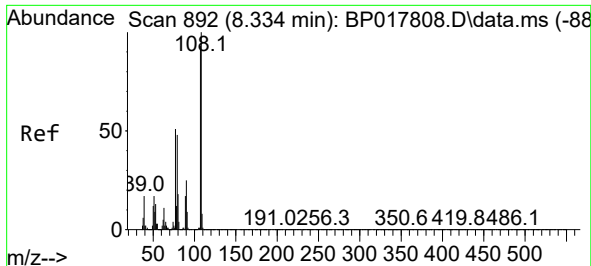
Tgt Ion: 93 Resp: 312150
Ion Ratio Lower Upper
93 100
63 74.2 60.7 91.1
95 32.6 27.8 41.6



#12
2-Chlorophenol
Concen: 35.905 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:128 Resp: 314922
Ion Ratio Lower Upper
128 100
64 48.7 36.7 55.1
130 33.3 26.2 39.2

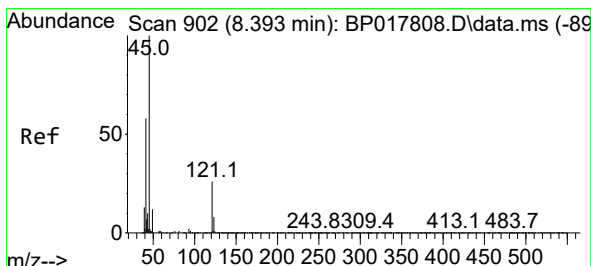
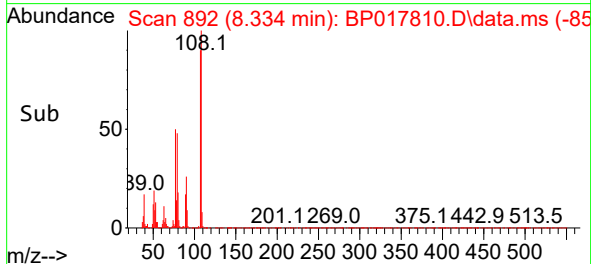
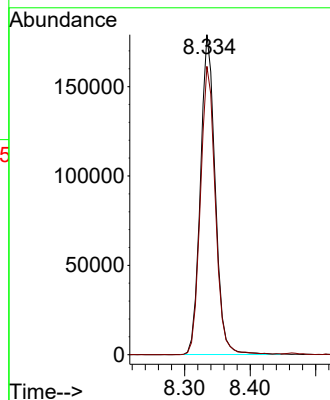
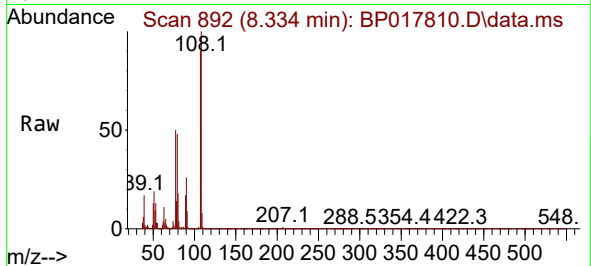




#13
2-Methylphenol
Concen: 35.335 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BP017810.D
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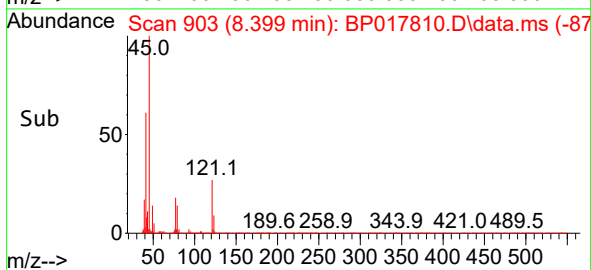
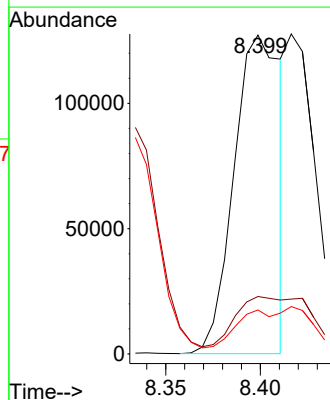
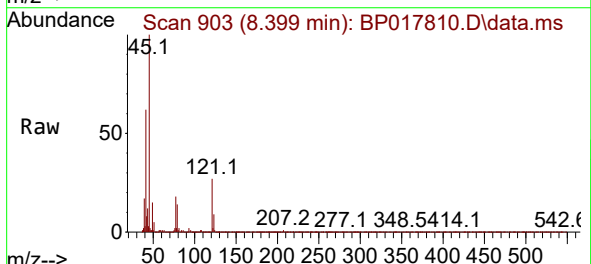
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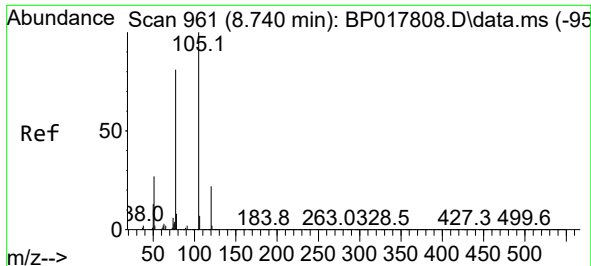
Tgt Ion:108 Resp: 281521
Ion Ratio Lower Upper
108 100
107 90.1 73.4 110.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.991 ng/ul
RT: 8.399 min Scan# 903
Delta R.T. -0.006 min
Lab File: BP017810.D
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Tgt Ion: 45 Resp: 216721
Ion Ratio Lower Upper
45 100
77 18.0 14.2 21.4
79 13.8 10.3 15.5

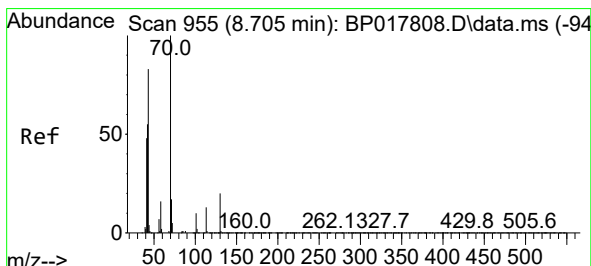
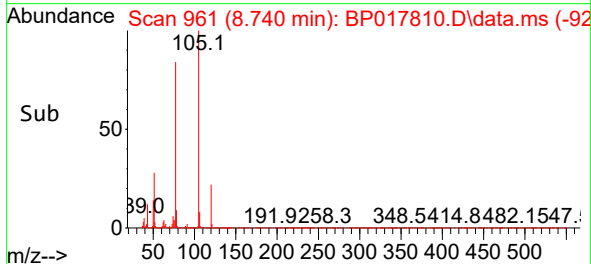
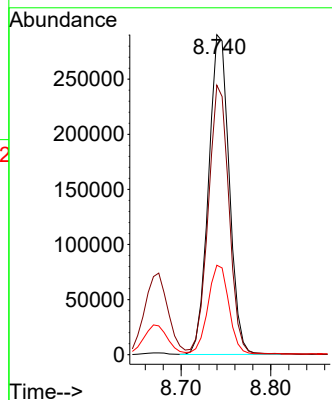
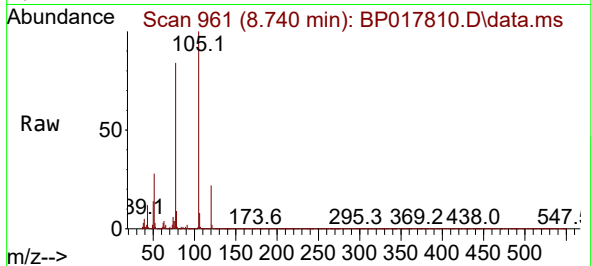




#16
Acetophenone
Concen: 35.194 ng/ul
RT: 8.740 min Scan# 90
Delta R.T. -0.006 min
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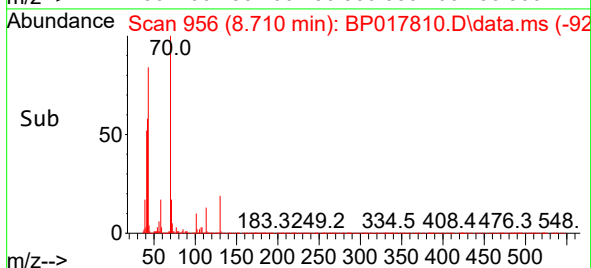
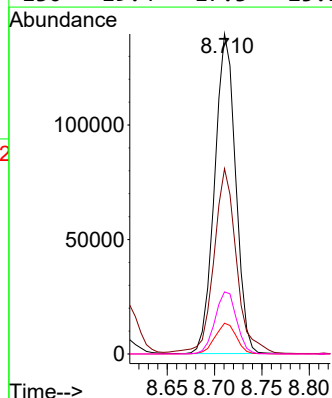
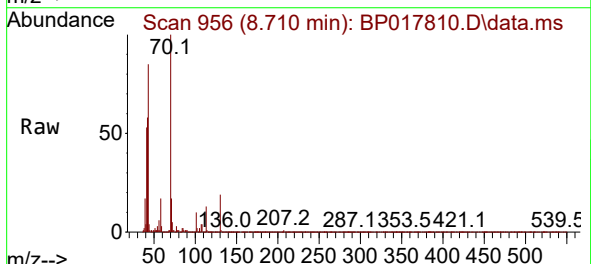
Instrument :
BNA_P
ClientSampleId :
SLCS616

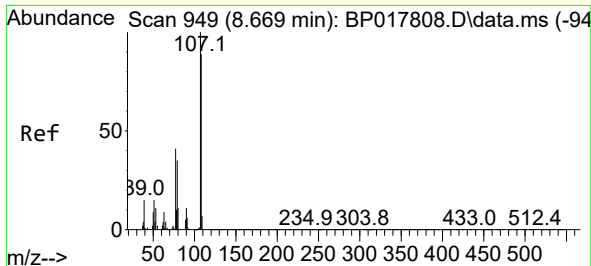
Tgt Ion:105 Resp: 465216
Ion Ratio Lower Upper
105 100
77 84.2 64.4 96.6
51 27.9 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 34.367 ng/ul
RT: 8.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion: 70 Resp: 215478
Ion Ratio Lower Upper
70 100
42 57.9 44.6 66.8
101 9.6 7.5 11.3
130 19.4 17.3 25.9





#18

4-Methylphenol

Concen: 35.774 ng/ul

RT: 8.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

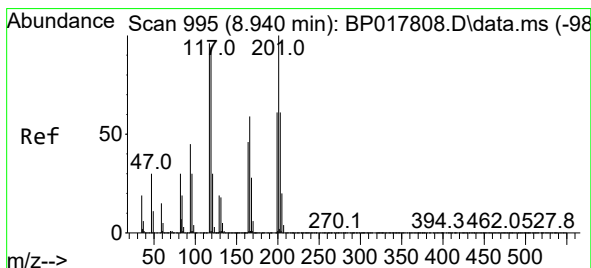
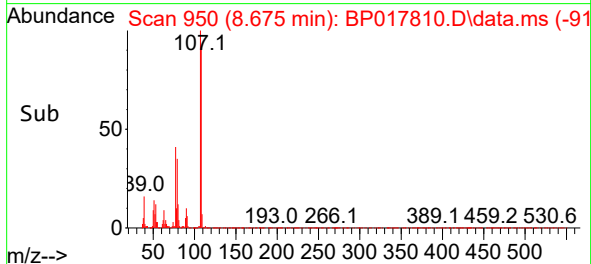
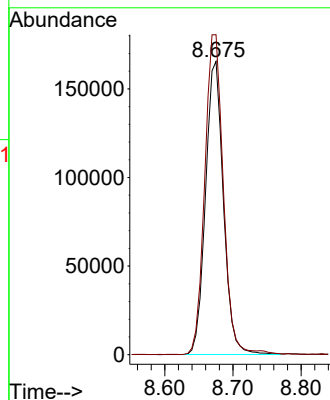
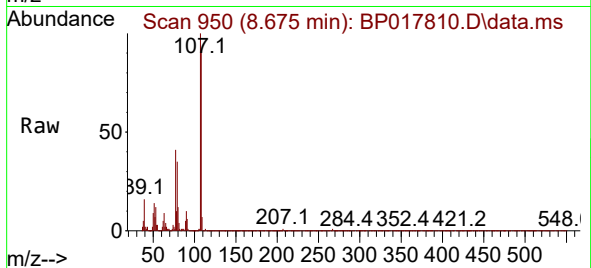
SLCS616

Tgt Ion:108 Resp: 302675

Ion Ratio Lower Upper

108 100

107 109.1 87.5 131.3



#19

Hexachloroethane

Concen: 37.140 ng/ul

RT: 8.940 min Scan# 995

Delta R.T. -0.012 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

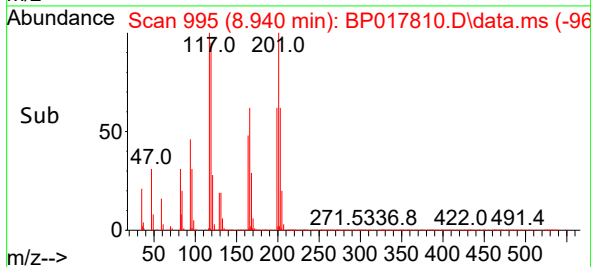
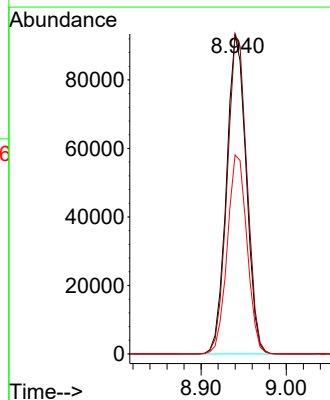
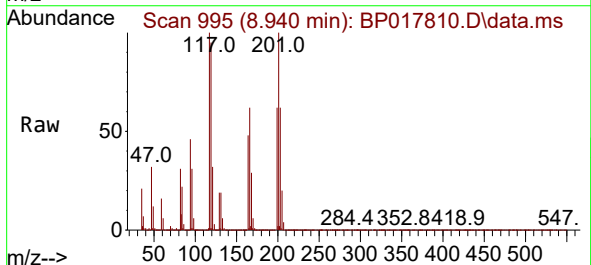
Tgt Ion:117 Resp: 149676

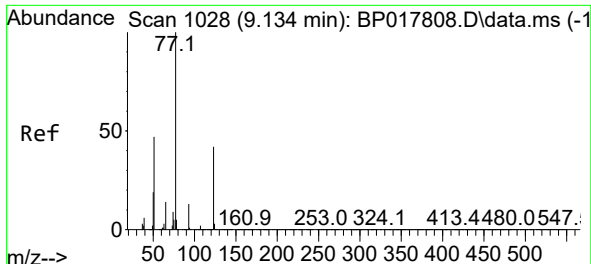
Ion Ratio Lower Upper

117 100

201 100.3 96.3 144.5

199 62.4 57.7 86.5

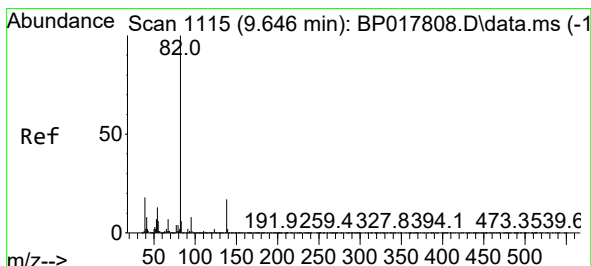
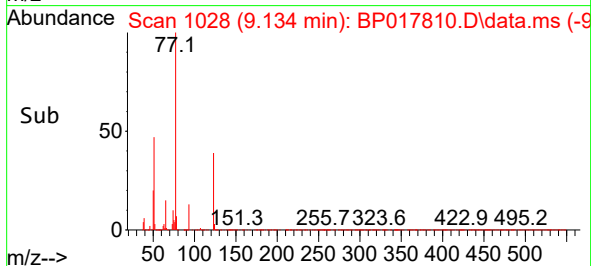
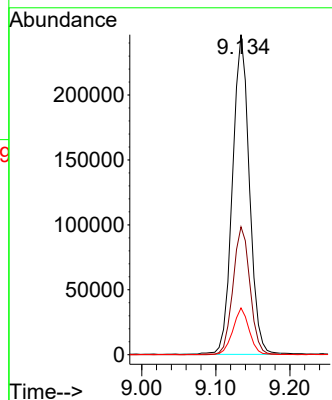
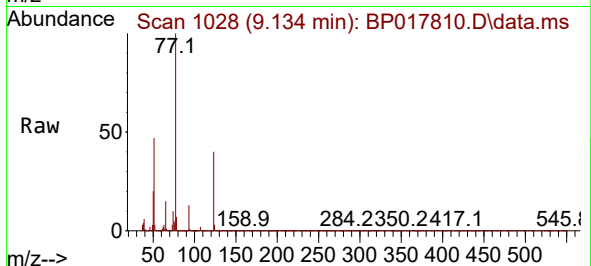




#22
Nitrobenzene
Concen: 40.404 ng/ul
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

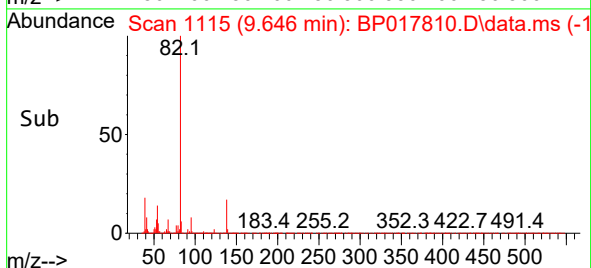
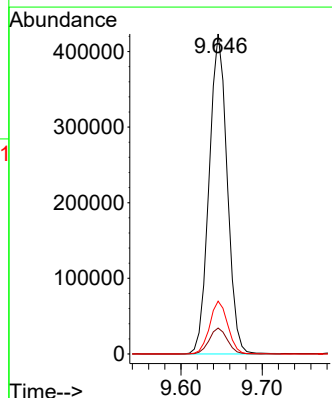
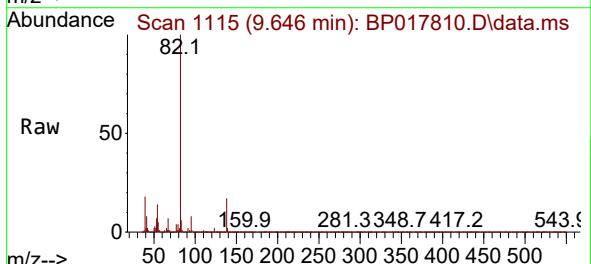
Instrument :
BNA_P
ClientSampleId :
SLCS616

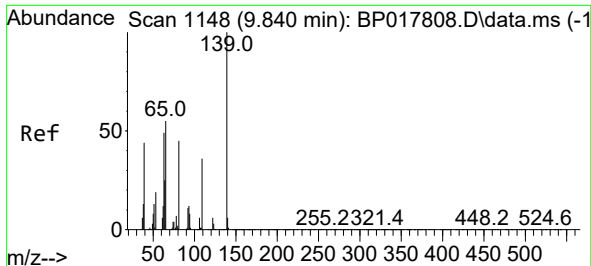
Tgt Ion: 77 Resp: 389330
Ion Ratio Lower Upper
77 100
123 40.0 33.5 50.3
65 14.6 10.8 16.2



#23
Isophorone
Concen: 37.893 ng/ul
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion: 82 Resp: 652943
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 16.5 14.4 21.6

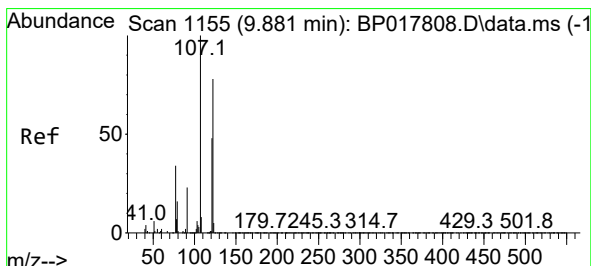
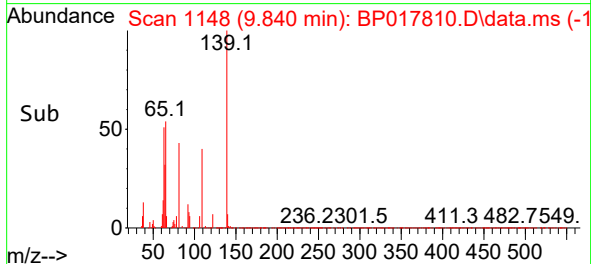
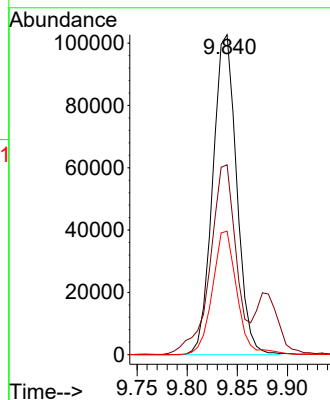
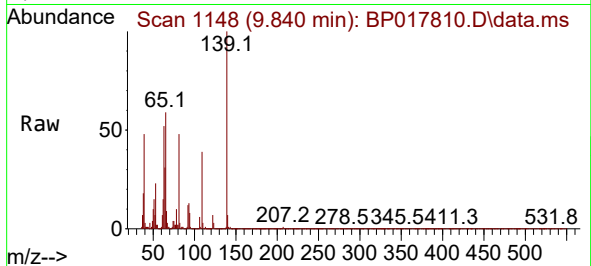




#25
2-Nitrophenol
Concen: 37.352 ng/ul
RT: 9.840 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

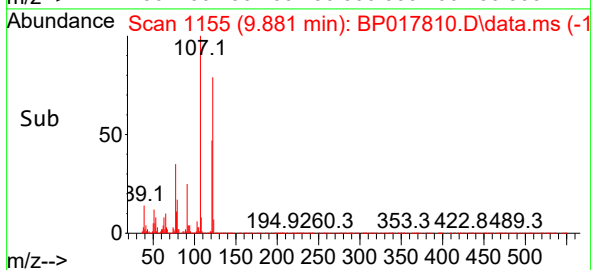
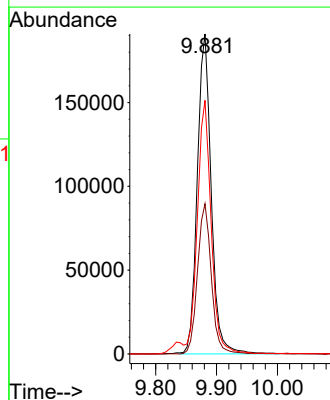
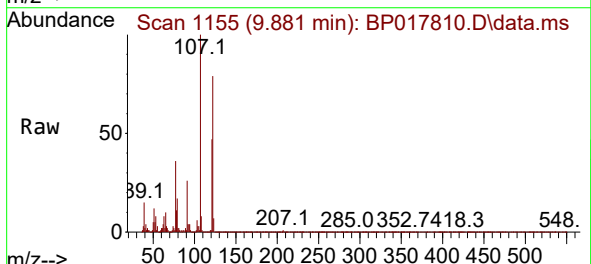
Instrument :
BNA_P
ClientSampleId :
SLCS616

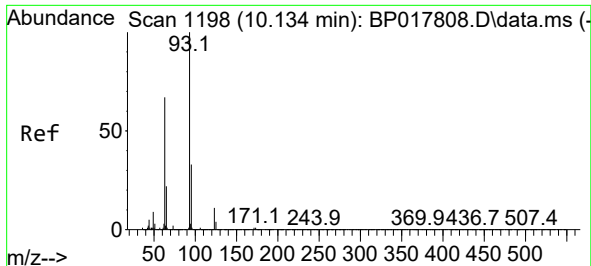
Tgt Ion:139 Resp: 170479
Ion Ratio Lower Upper
139 100
65 59.3 40.4 60.6
109 38.6 25.4 38.2#



#26
2,4-Dimethylphenol
Concen: 33.858 ng/ul
RT: 9.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:107 Resp: 303305
Ion Ratio Lower Upper
107 100
121 47.0 40.6 61.0
122 79.2 66.9 100.3

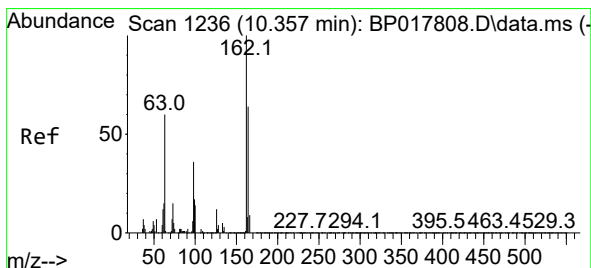
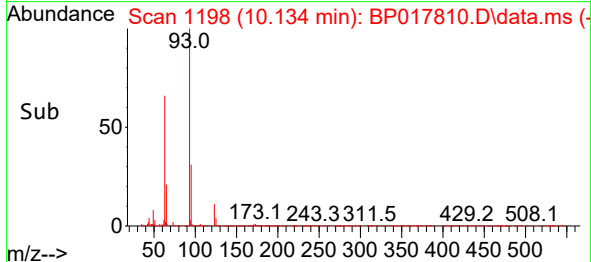
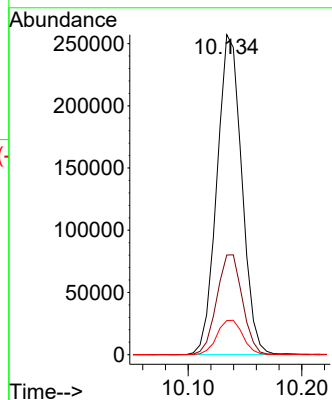
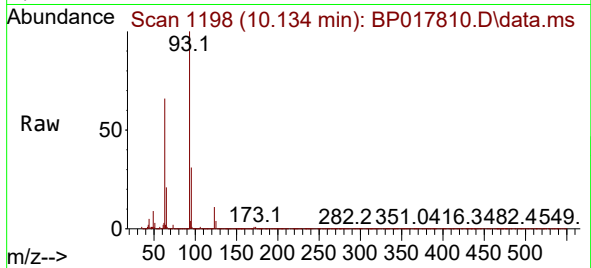




#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.692 ng/ul
 RT: 10.134 min Scan# 1198
 Delta R.T. -0.012 min
 Lab File: BP017810.D
 Acq: 25 Oct 2023 19:16

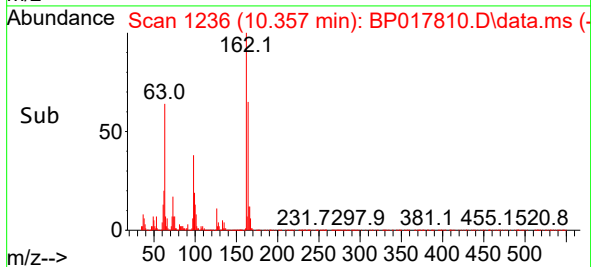
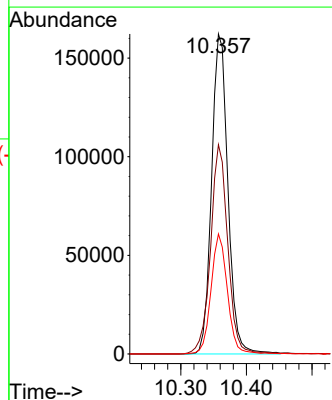
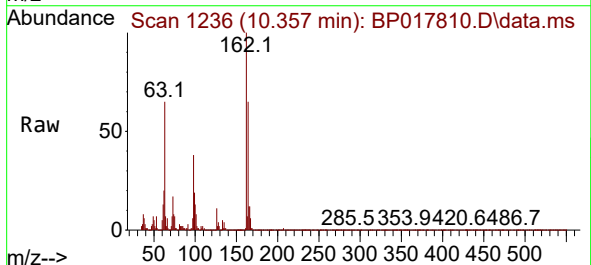
Instrument :
 BNA_P
 ClientSampleId :
 SLCS616

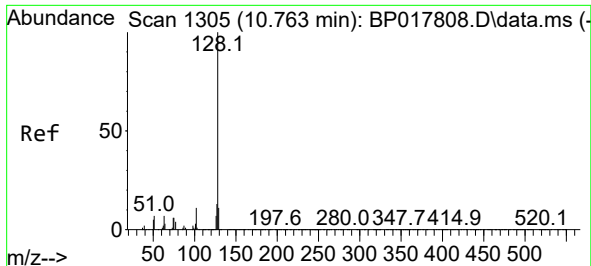
Tgt Ion: 93 Resp: 391037
 Ion Ratio Lower Upper
 93 100
 95 31.2 24.7 37.1
 123 10.7 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 34.957 ng/ul
 RT: 10.357 min Scan# 1236
 Delta R.T. -0.012 min
 Lab File: BP017810.D
 Acq: 25 Oct 2023 19:16

Tgt Ion:162 Resp: 280383
 Ion Ratio Lower Upper
 162 100
 164 65.4 53.8 80.8
 98 37.5 25.5 38.3

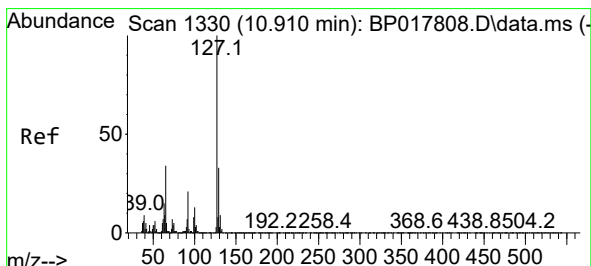
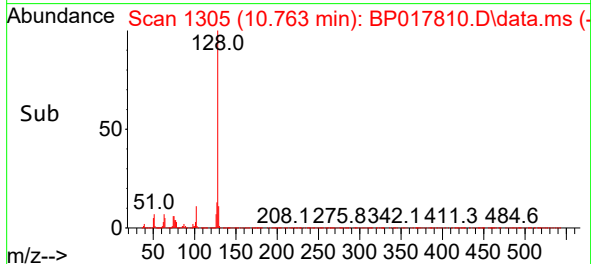
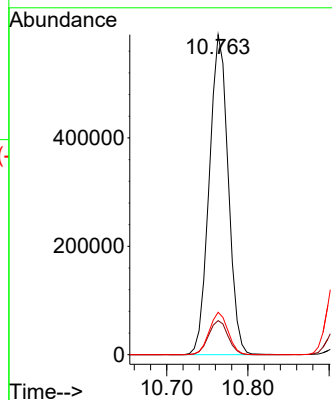
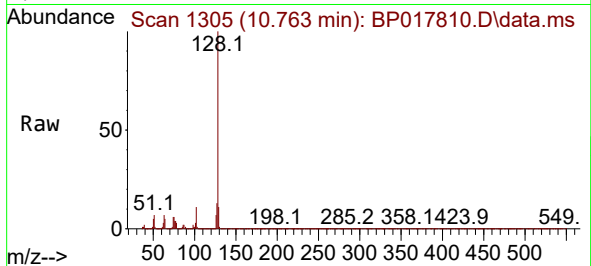




#30
Naphthalene
Concen: 34.807 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

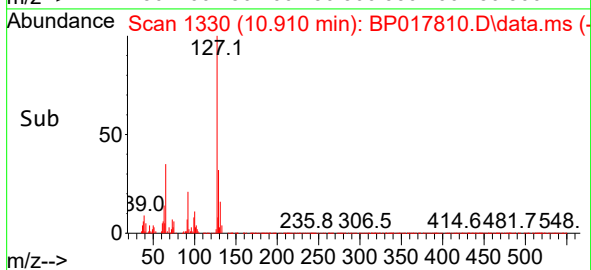
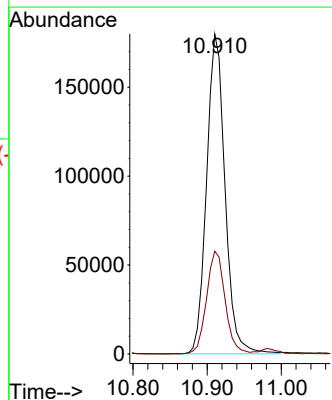
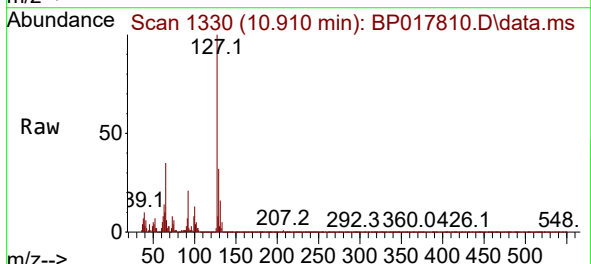
Instrument :
BNA_P
ClientSampleId :
SLCS616

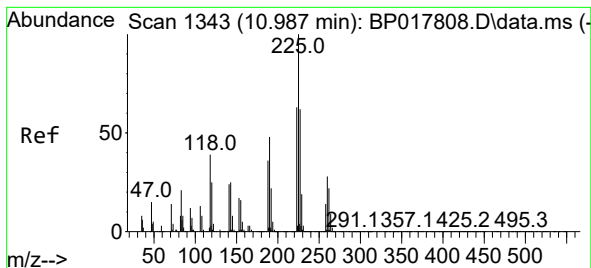
Tgt Ion:128 Resp: 956665
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 29.537 ng/ul
RT: 10.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:127 Resp: 310476
Ion Ratio Lower Upper
127 100
129 32.1 25.1 37.7





#33

Hexachlorobutadiene

Concen: 31.341 ng/ul

RT: 10.987 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

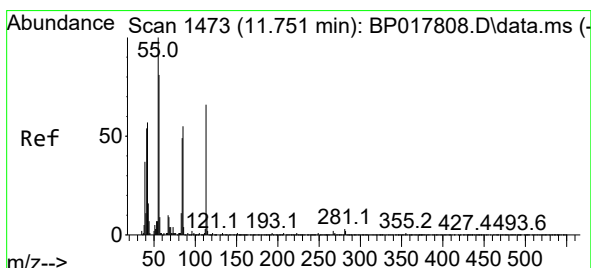
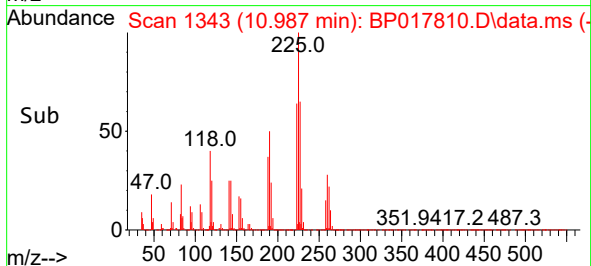
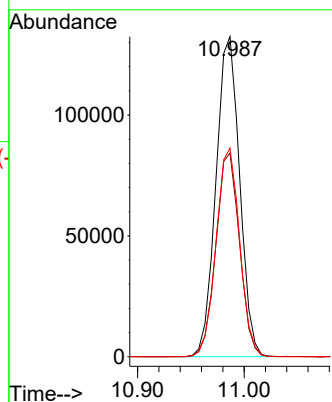
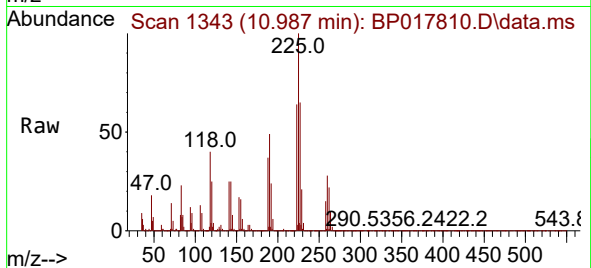
Tgt Ion:225 Resp: 204105

Ion Ratio Lower Upper

225 100

223 63.6 50.6 75.8

227 65.1 50.1 75.1



#34

Caprolactam

Concen: 19.486 ng/ul

RT: 11.751 min Scan# 1473

Delta R.T. -0.018 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

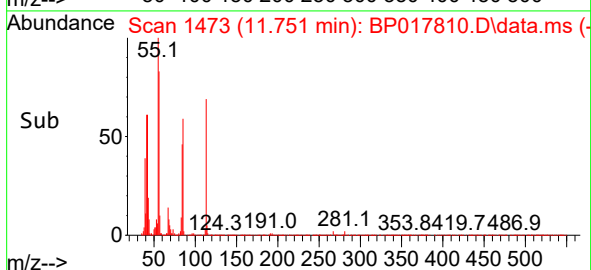
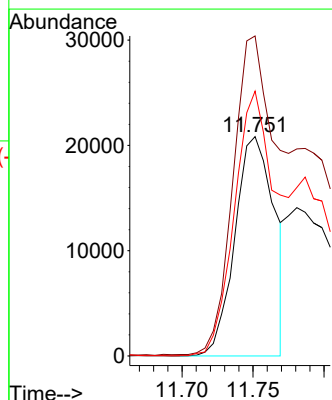
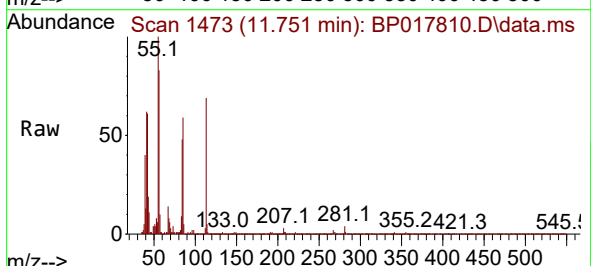
Tgt Ion:113 Resp: 40244

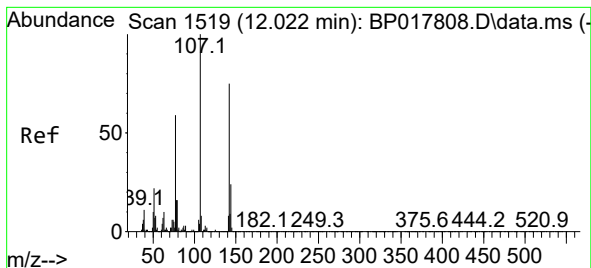
Ion Ratio Lower Upper

113 100

55 145.9 112.1 168.1

56 120.7 87.0 130.6

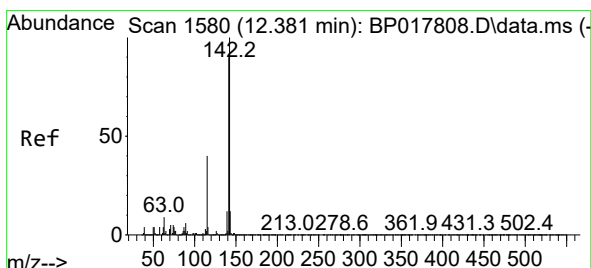
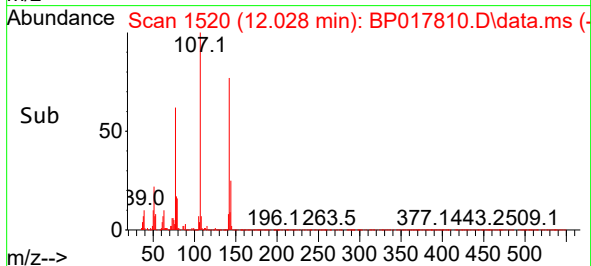
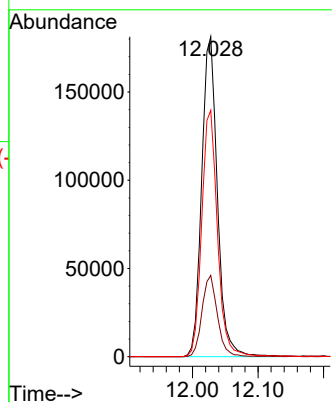
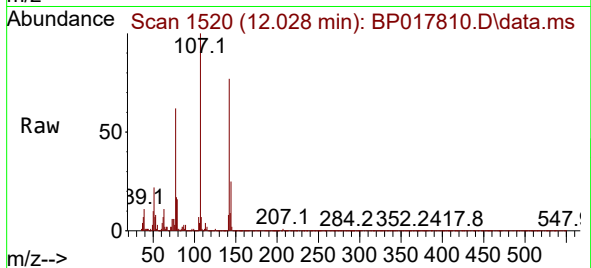




#35
4-Chloro-3-methylphenol
Concen: 40.100 ng/ul
RT: 12.028 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

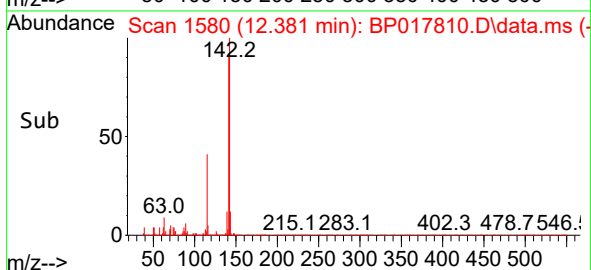
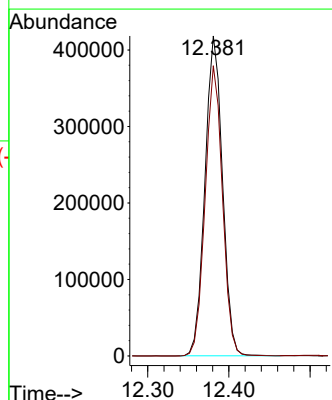
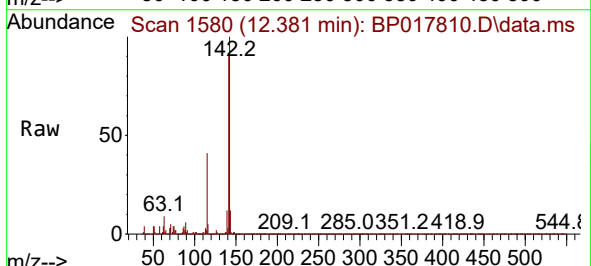
Instrument :
BNA_P
ClientSampleId :
SLCS616

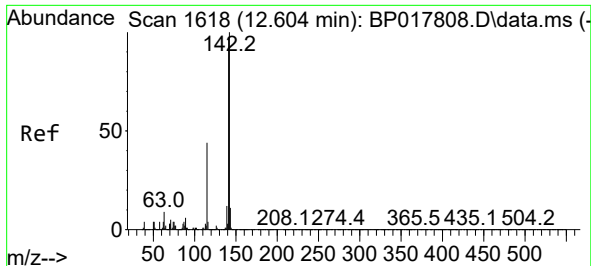
Tgt Ion:107 Resp: 302801
Ion Ratio Lower Upper
107 100
144 25.4 22.9 34.3
142 77.0 68.1 102.1



#36
2-Methylnaphthalene
Concen: 33.695 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:142 Resp: 625569
Ion Ratio Lower Upper
142 100
141 90.7 71.5 107.3





#37

1-Methylnaphthalene

Concen: 34.059 ng/ul

RT: 12.604 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

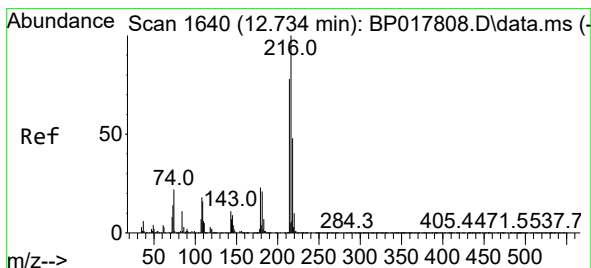
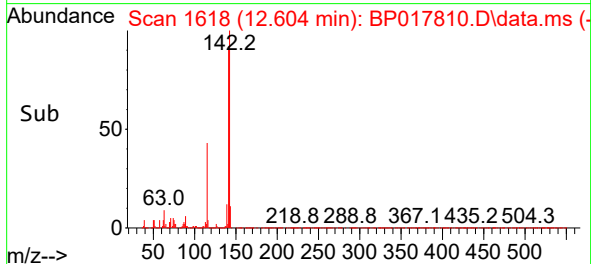
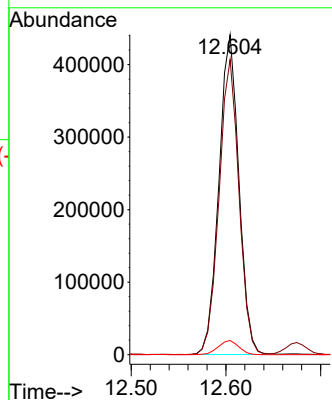
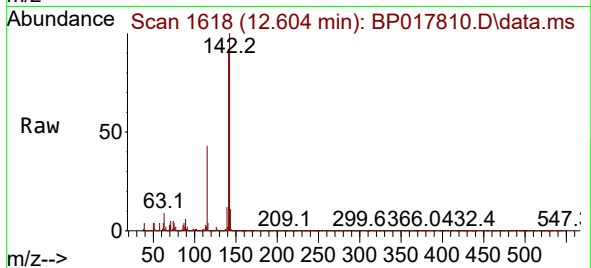
Tgt Ion:142 Resp: 646659

Ion Ratio Lower Upper

142 100

141 92.3 72.5 108.7

116 4.5 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.225 ng/ul

RT: 12.734 min Scan# 1640

Delta R.T. -0.012 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Tgt Ion:216 Resp: 343290

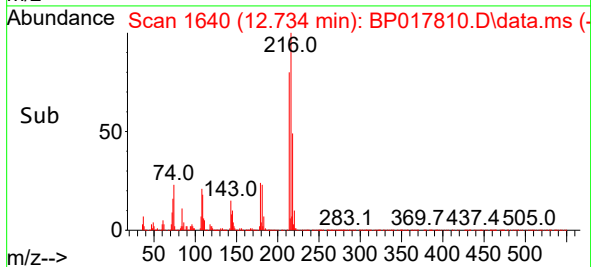
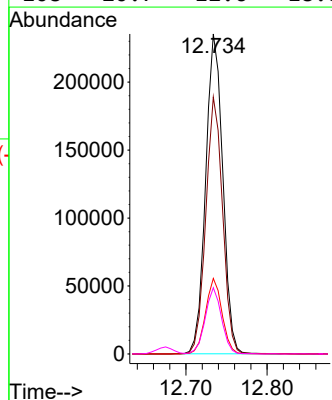
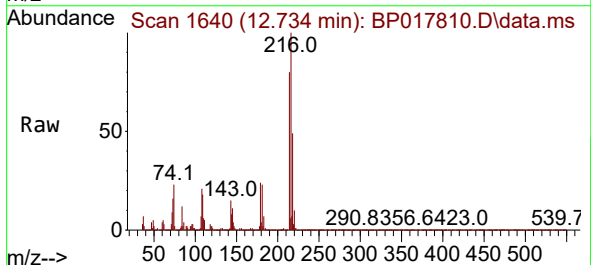
Ion Ratio Lower Upper

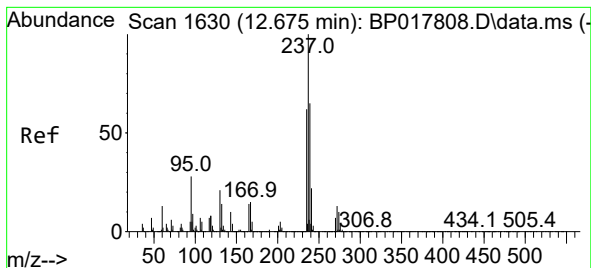
216 100

214 80.3 62.2 93.2

179 23.6 15.8 23.8

108 20.7 12.6 18.8#





#40

Hexachlorocyclopentadiene

Concen: 30.081 ng/ul

RT: 12.675 min Scan# 1630

Delta R.T. -0.012 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

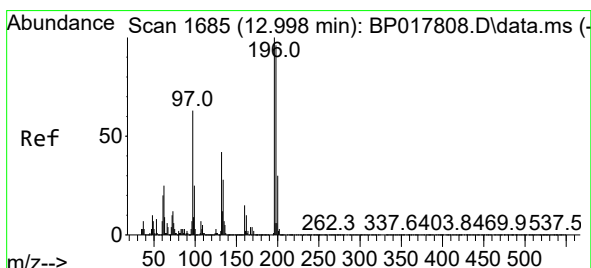
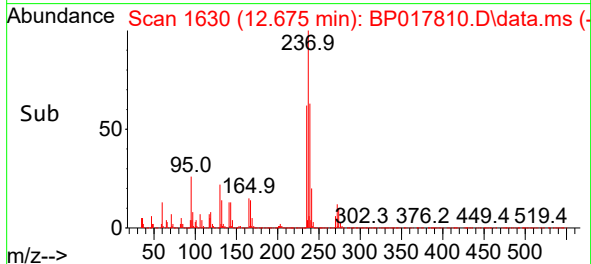
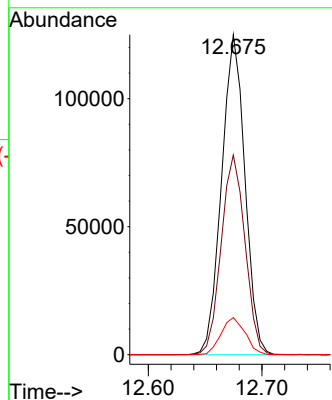
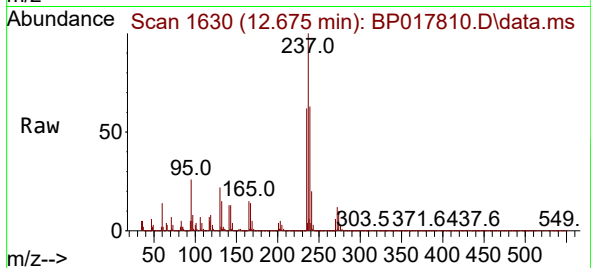
Tgt Ion:237 Resp: 178565

Ion Ratio Lower Upper

237 100

235 62.4 50.3 75.5

272 11.6 11.1 16.7



#41

2,4,6-Trichlorophenol

Concen: 30.791 ng/ul

RT: 12.998 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

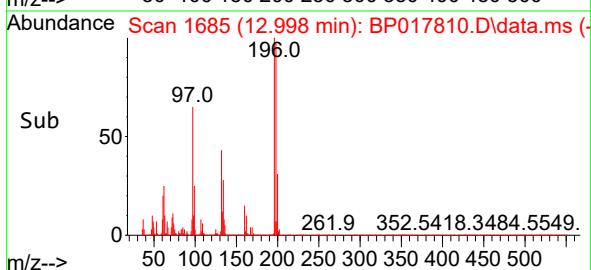
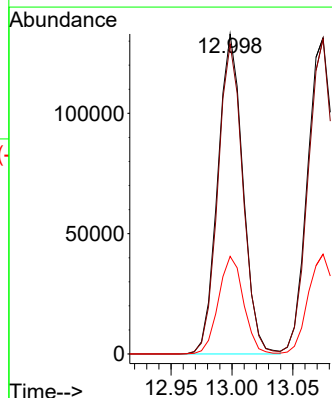
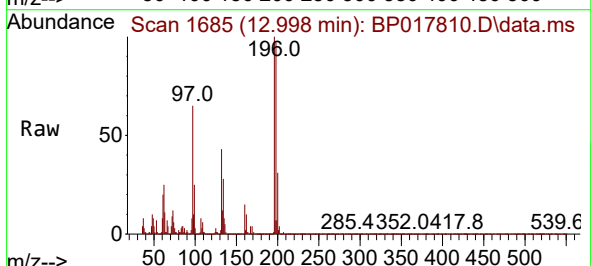
Tgt Ion:196 Resp: 190932

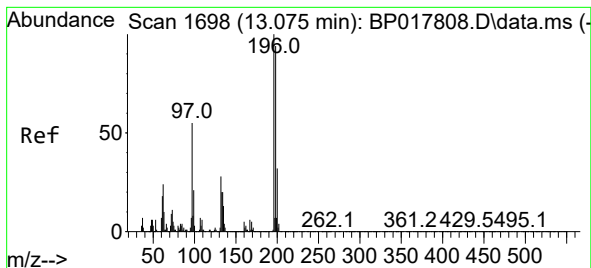
Ion Ratio Lower Upper

196 100

198 96.9 74.7 112.1

200 30.5 23.7 35.5





#42

2,4,5-Trichlorophenol

Concen: 33.115 ng/ul

RT: 13.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

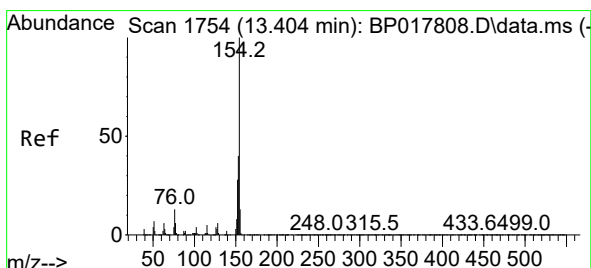
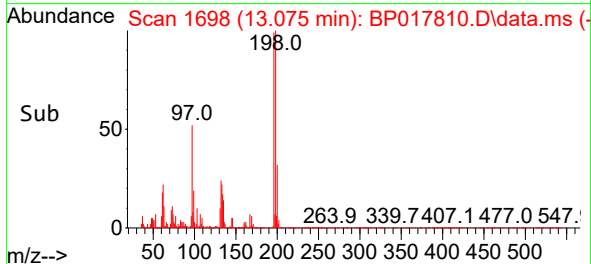
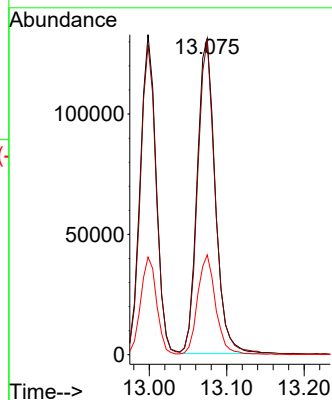
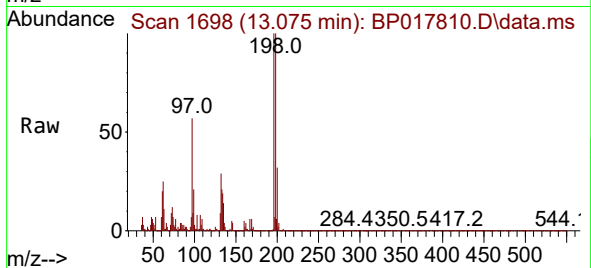
Tgt Ion:196 Resp: 212298

Ion Ratio Lower Upper

196 100

198 99.7 76.0 114.0

200 31.6 24.3 36.5



#43

1,1'-Biphenyl

Concen: 36.463 ng/ul

RT: 13.404 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

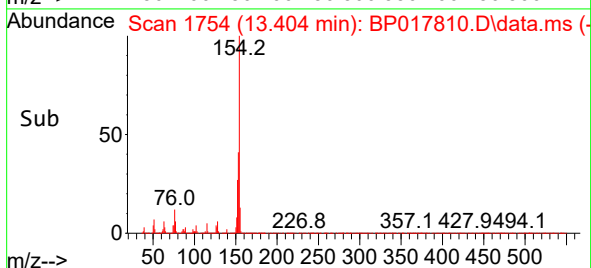
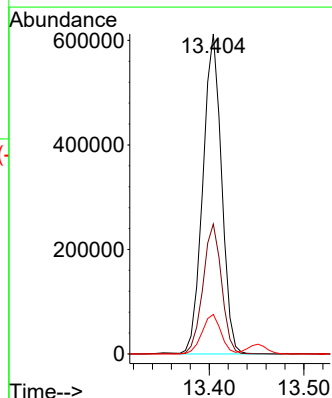
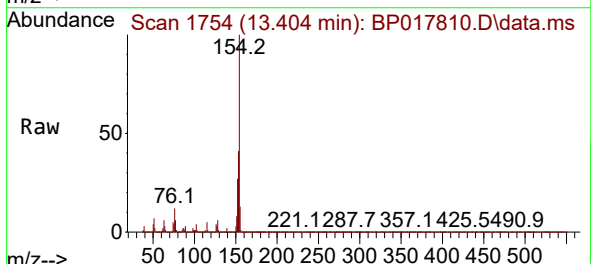
Tgt Ion:154 Resp: 838818

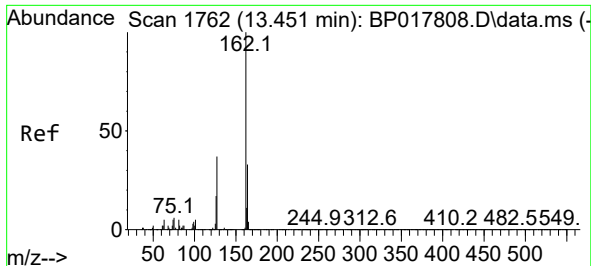
Ion Ratio Lower Upper

154 100

153 40.6 32.6 49.0

76 12.3 9.8 14.8

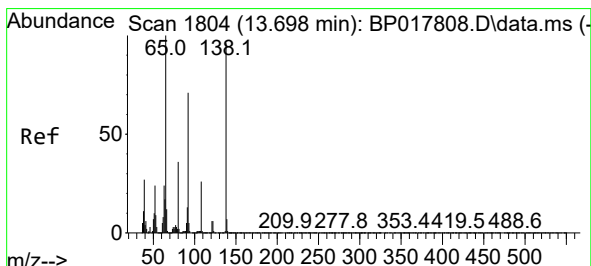
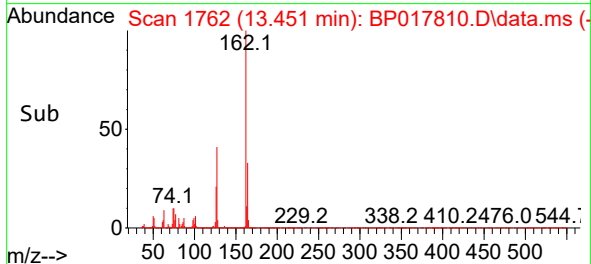
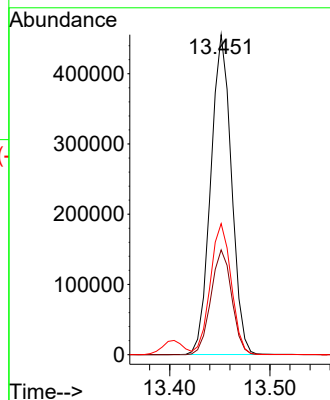
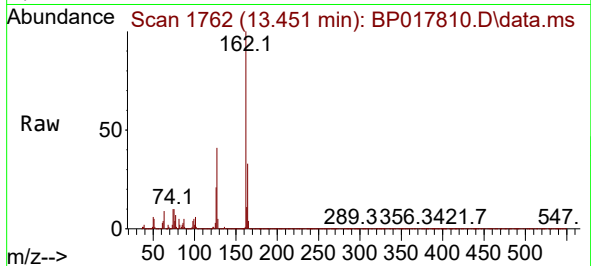




#44
2-Chloronaphthalene
Concen: 35.202 ng/ul
RT: 13.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

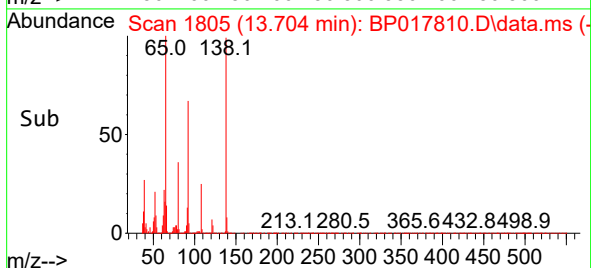
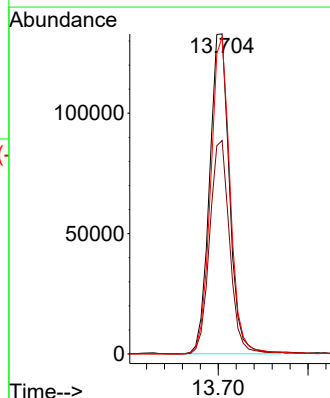
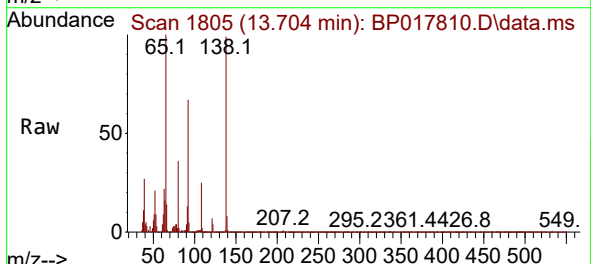
Instrument :
BNA_P
ClientSampleId :
SLCS616

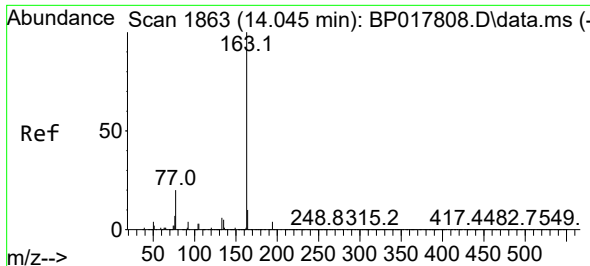
Tgt Ion:162 Resp: 654630
Ion Ratio Lower Upper
162 100
164 32.7 25.9 38.9
127 40.9 29.9 44.9



#45
2-Nitroaniline
Concen: 48.410 ng/ul
RT: 13.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion: 65 Resp: 204575
Ion Ratio Lower Upper
65 100
92 66.7 56.2 84.4
138 99.0 85.9 128.9

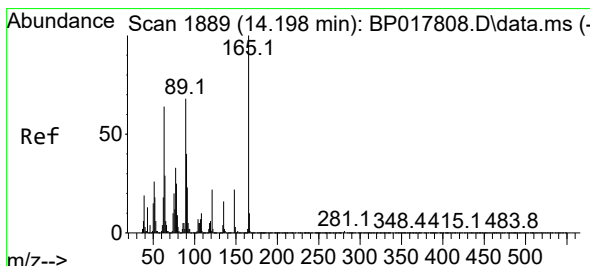
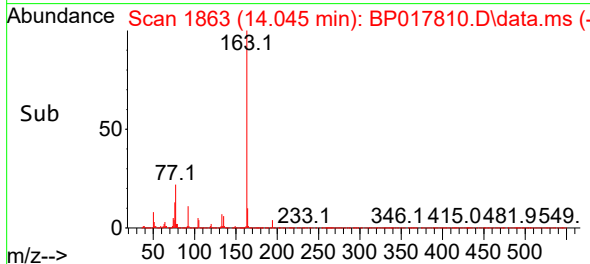
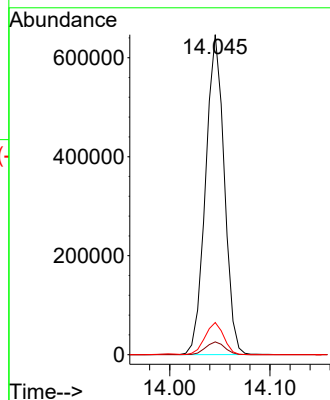
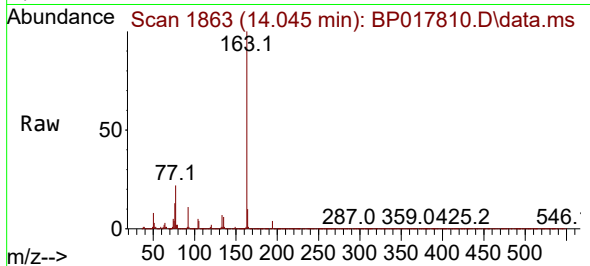




#47
Dimethylphthalate
Concen: 36.202 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

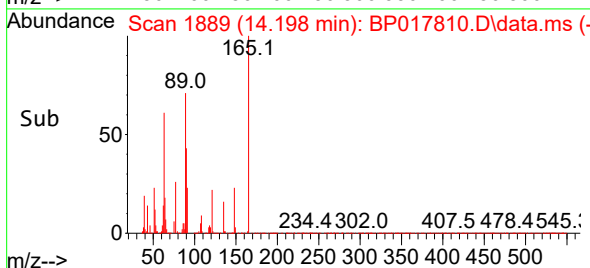
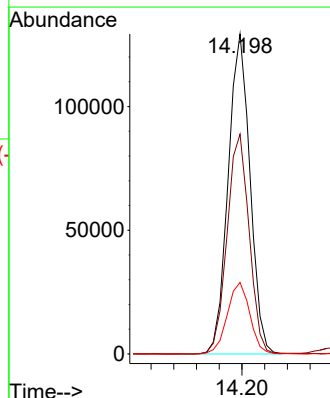
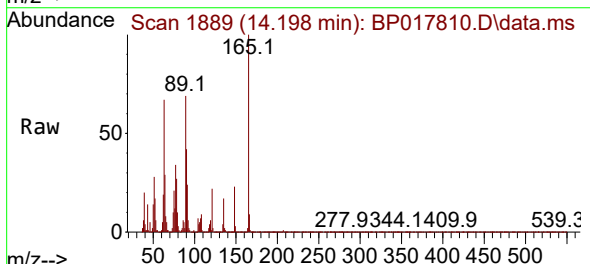
Instrument :
BNA_P
ClientSampleId :
SLCS616

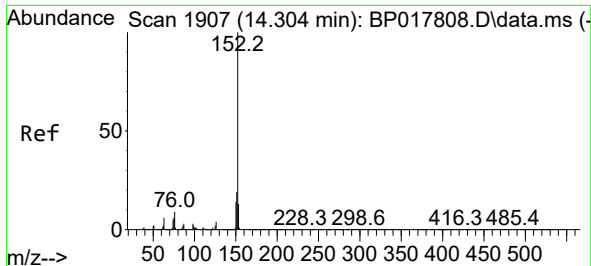
Tgt Ion:163 Resp: 836327
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 40.596 ng/ul
RT: 14.198 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:165 Resp: 172623
Ion Ratio Lower Upper
165 100
89 68.7 48.0 72.0
121 22.3 16.6 24.8

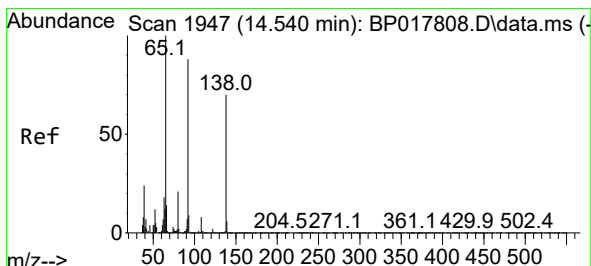
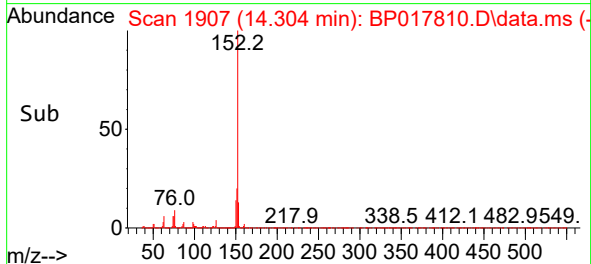
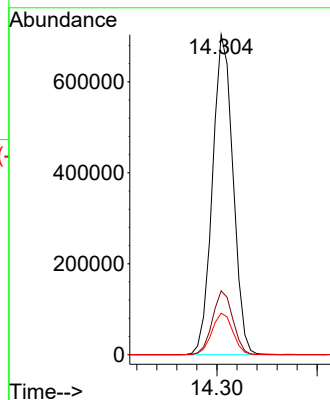
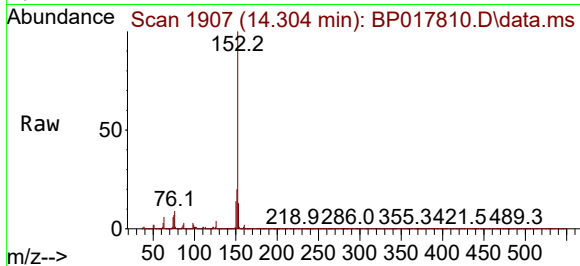




#50
Acenaphthylene
Concen: 34.216 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

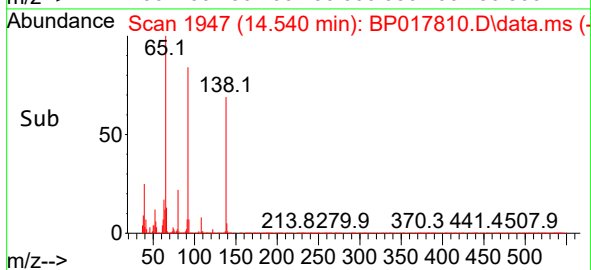
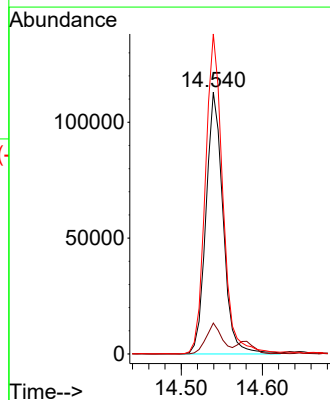
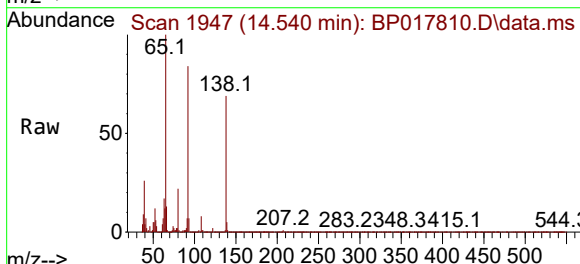
Instrument :
BNA_P
ClientSampleId :
SLCS616

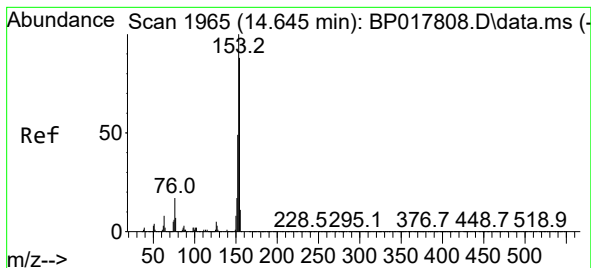
Tgt Ion:152 Resp: 1001904
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.0 10.8 16.2



#51
3-Nitroaniline
Concen: 40.879 ng/ul
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:138 Resp: 165320
Ion Ratio Lower Upper
138 100
108 11.8 9.3 13.9
92 122.3 95.2 142.8





#52

Acenaphthene

Concen: 35.394 ng/ul

RT: 14.645 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

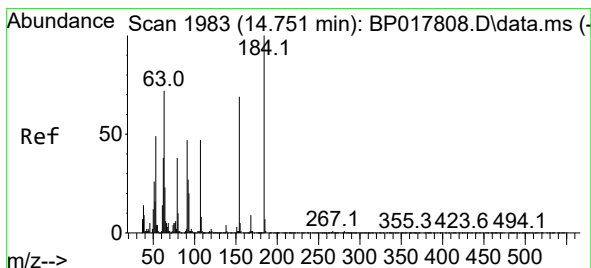
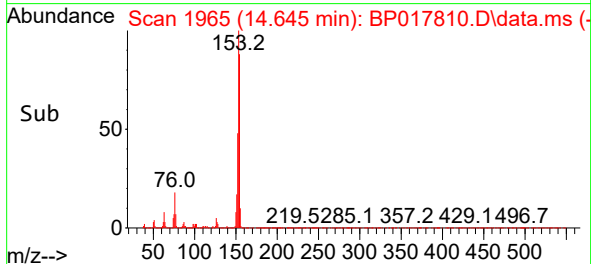
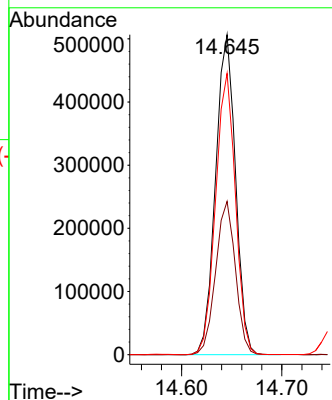
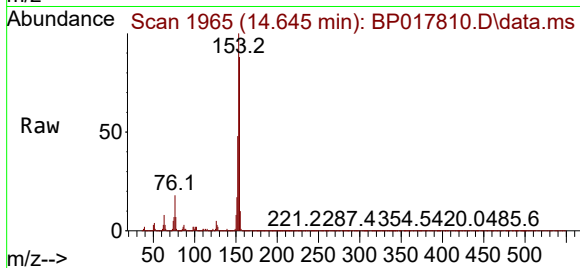
Tgt Ion:153 Resp: 700620

Ion Ratio Lower Upper

153 100

152 47.9 37.6 56.4

154 87.9 70.0 105.0



#53

2,4-Dinitrophenol

Concen: 38.099 ng/ul

RT: 14.751 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

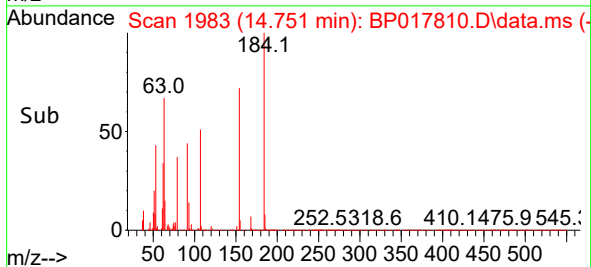
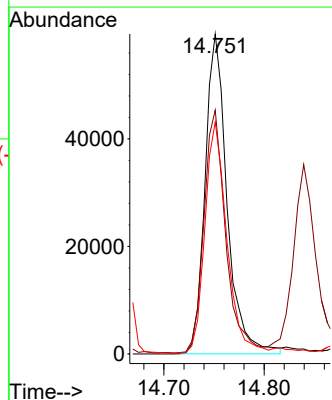
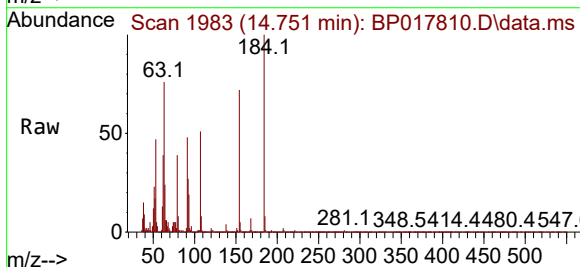
Tgt Ion:184 Resp: 90942

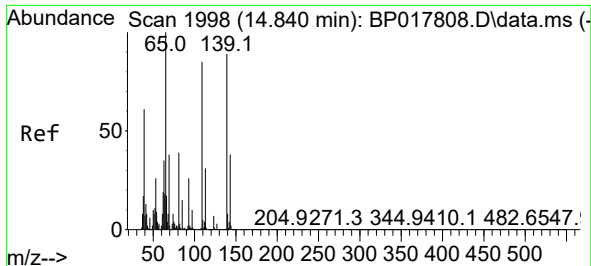
Ion Ratio Lower Upper

184 100

63 76.2 50.6 76.0#

154 72.5 47.9 71.9#

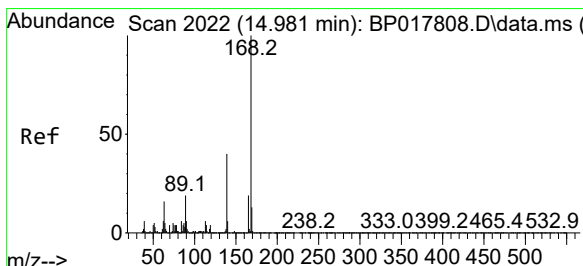
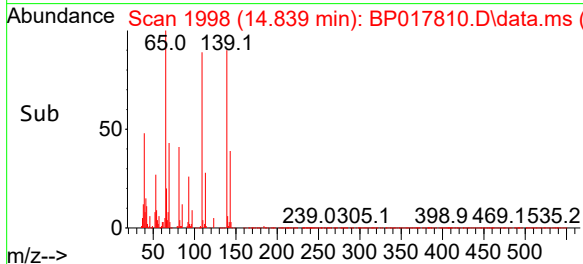
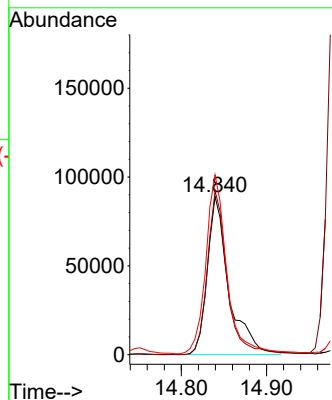
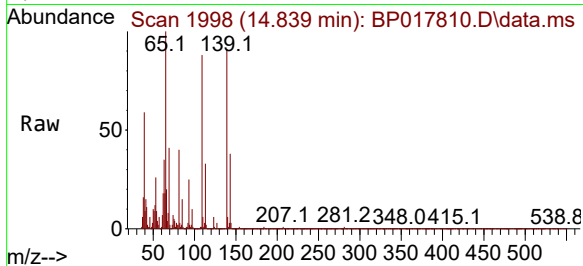




#55
4-Nitrophenol
Concen: 44.418 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

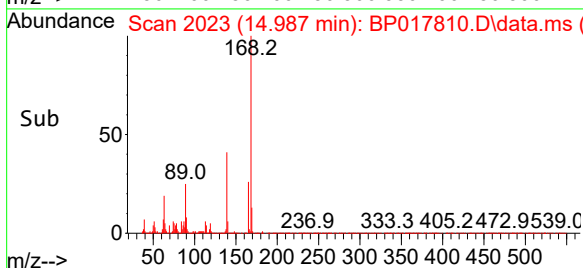
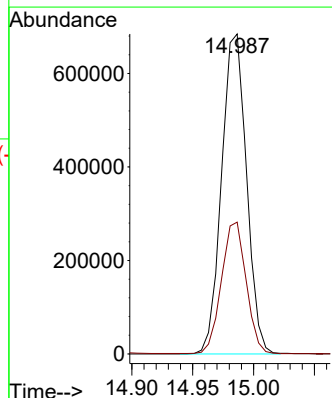
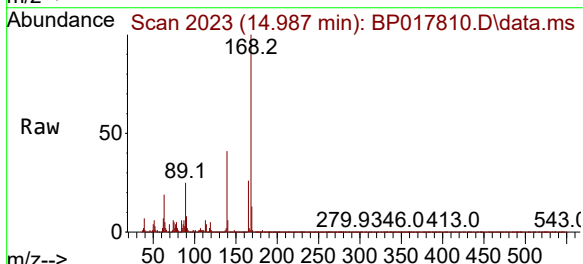
Instrument :
BNA_P
ClientSampleId :
SLCS616

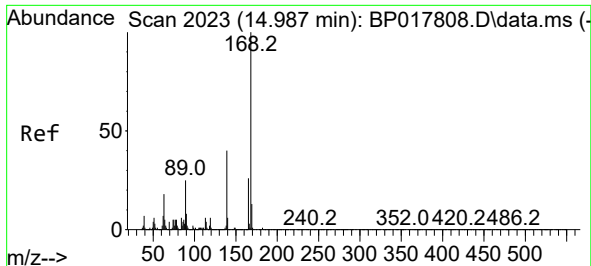
Tgt Ion:109 Resp: 157041
Ion Ratio Lower Upper
109 100
139 103.7 92.9 139.3
65 113.8 94.5 141.7



#56
Dibenzofuran
Concen: 35.103 ng/ul
RT: 14.987 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:168 Resp: 975567
Ion Ratio Lower Upper
168 100
139 41.2 28.6 43.0

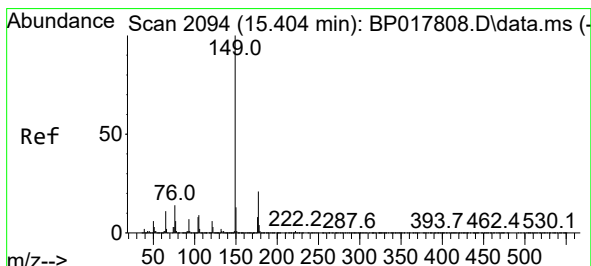
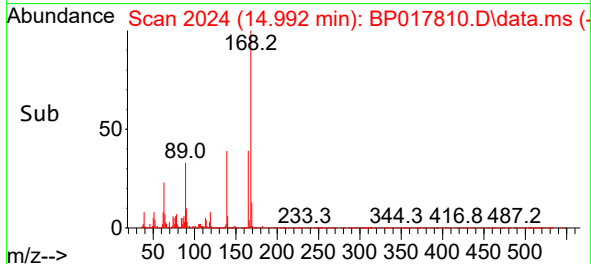
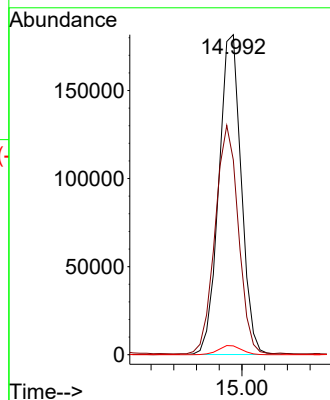
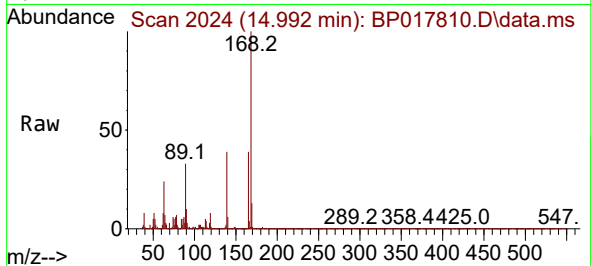




#57
2,4-Dinitrotoluene
Concen: 39.612 ng/ul
RT: 14.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

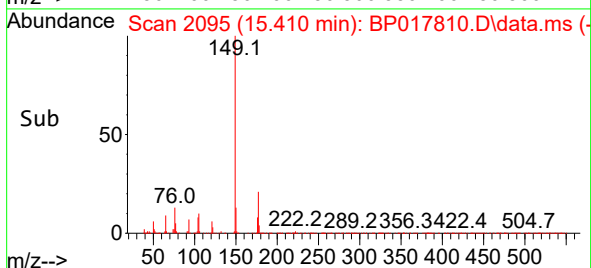
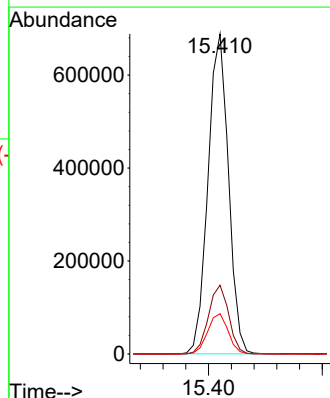
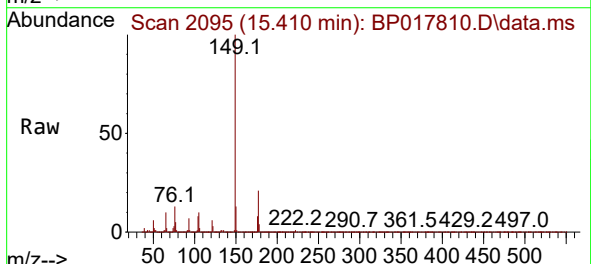
Instrument :
BNA_P
ClientSampleId :
SLCS616

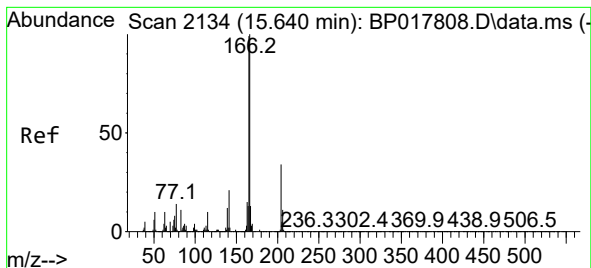
Tgt Ion:165 Resp: 248595
Ion Ratio Lower Upper
165 100
63 60.9 51.1 76.7
182 2.7 2.7 4.1



#59
Diethylphthalate
Concen: 38.517 ng/ul
RT: 15.410 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:149 Resp: 859120
Ion Ratio Lower Upper
149 100
177 21.5 18.0 27.0
150 12.6 10.2 15.4





#61

Fluorene

Concen: 35.019 ng/ul

RT: 15.639 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

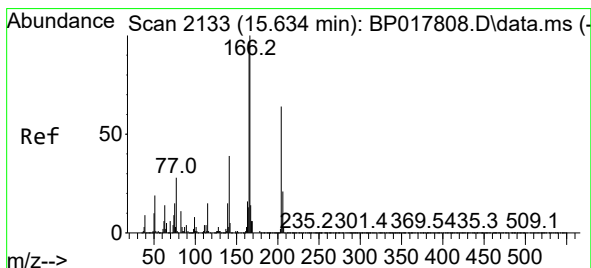
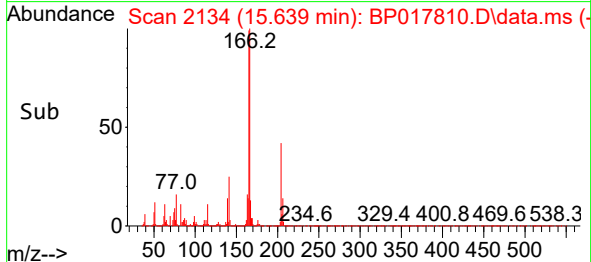
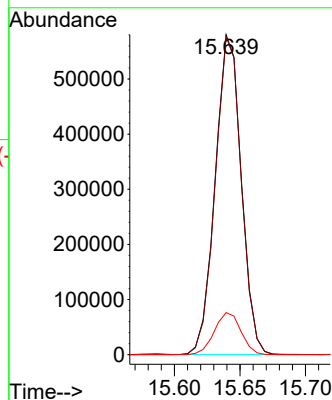
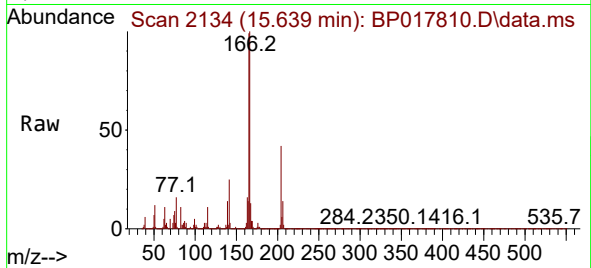
Tgt Ion:166 Resp: 799433

Ion Ratio Lower Upper

166 100

165 99.4 77.4 116.0

167 13.1 10.9 16.3



#62

4-Chlorophenyl-phenylether

Concen: 33.207 ng/ul

RT: 15.634 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

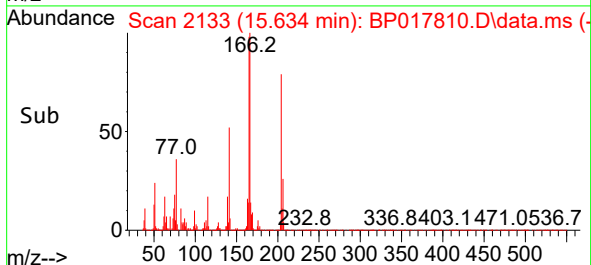
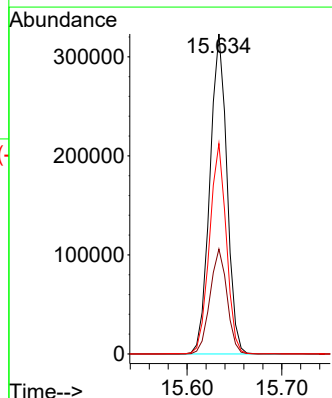
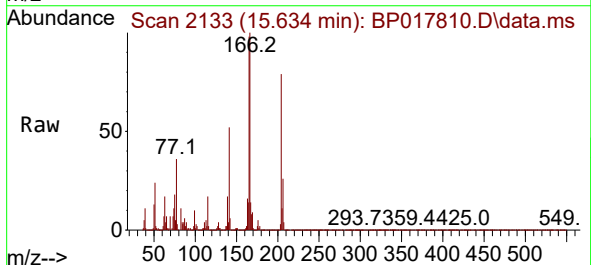
Tgt Ion:204 Resp: 402935

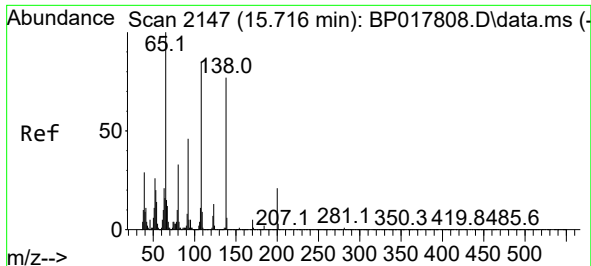
Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.4

141 65.8 42.9 64.3#

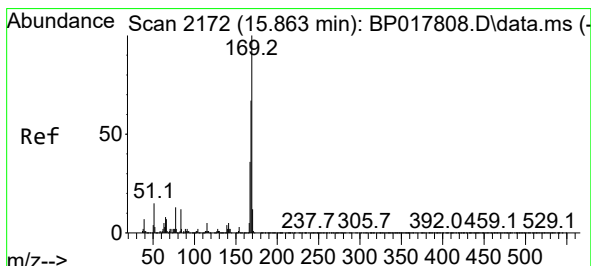
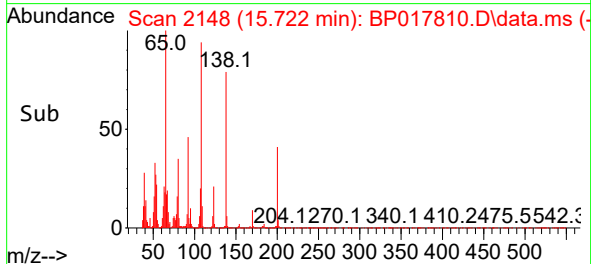
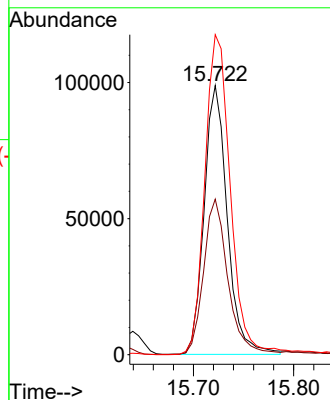
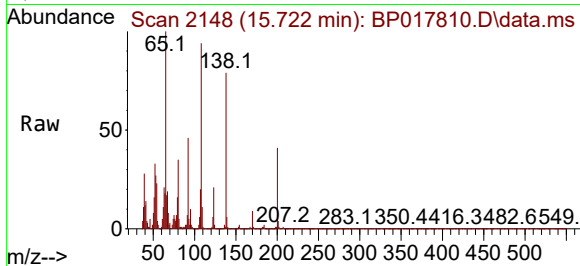




#63
4-Nitroaniline
Concen: 43.681 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

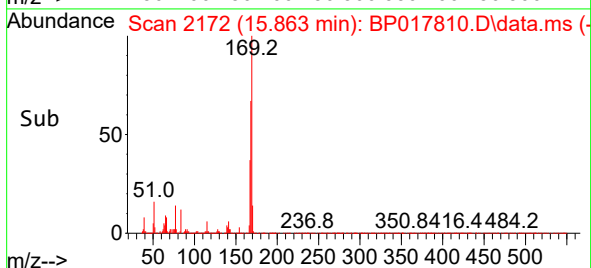
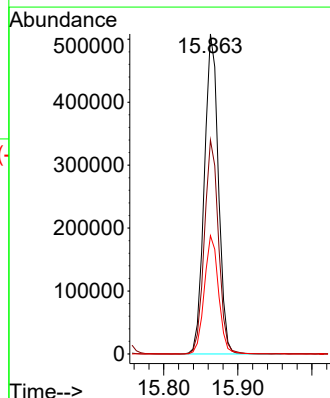
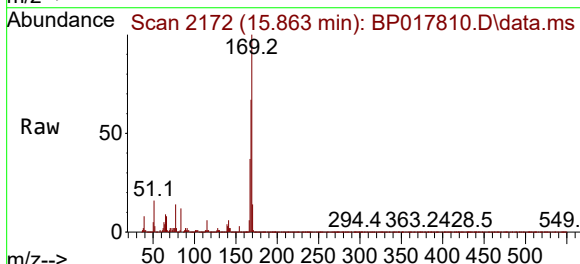
Instrument :
BNA_P
ClientSampleId :
SLCS616

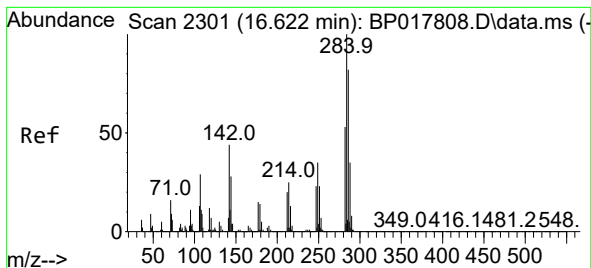
Tgt Ion:138 Resp: 159333
Ion Ratio Lower Upper
138 100
92 57.8 43.0 64.6
108 118.9 82.7 124.1



#67
N-Nitrosodiphenylamine
Concen: 18.684 ng/ul
RT: 15.863 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:169 Resp: 671789
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.9 29.4 44.0





#69

Hexachlorobenzene

Concen: 16.120 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

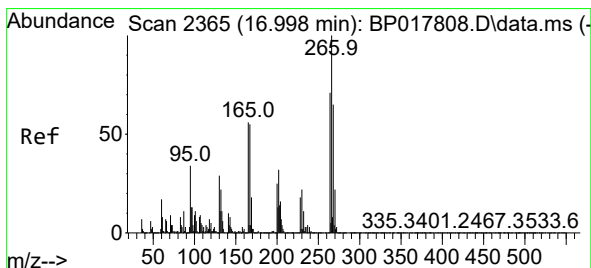
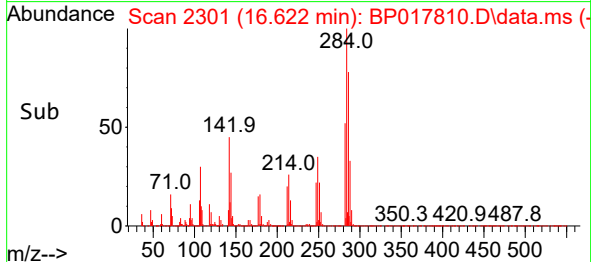
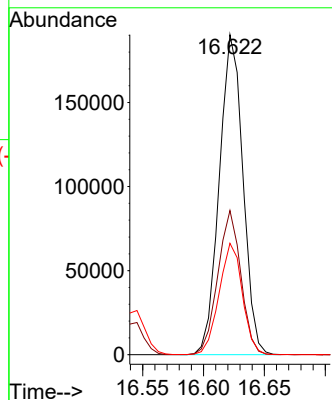
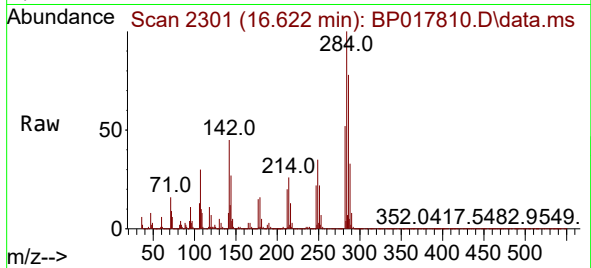
Tgt Ion:284 Resp: 256986

Ion Ratio Lower Upper

284 100

142 45.1 27.6 41.4#

249 34.8 24.5 36.7



#71

Pentachlorophenol

Concen: 10.276 ng/ul

RT: 16.998 min Scan# 2365

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

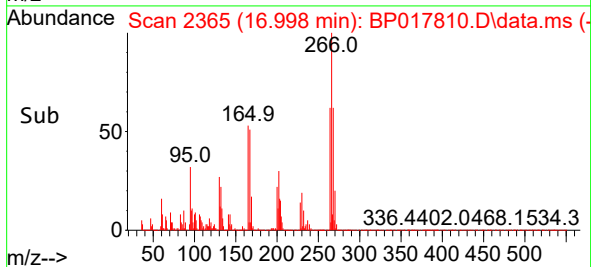
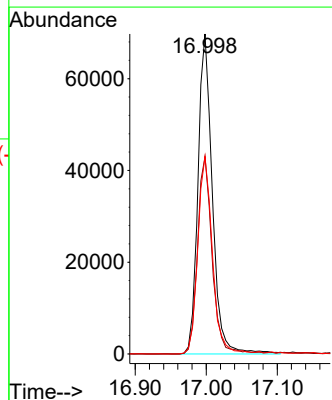
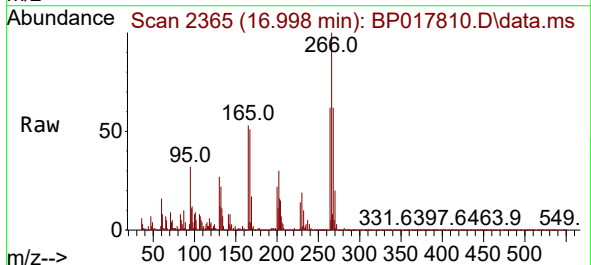
Tgt Ion:266 Resp: 98491

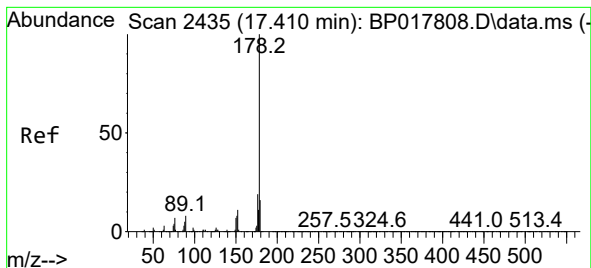
Ion Ratio Lower Upper

266 100

264 61.7 49.4 74.2

268 61.7 50.3 75.5





#72

Phenanthrene

Concen: 18.007 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. 0.088 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

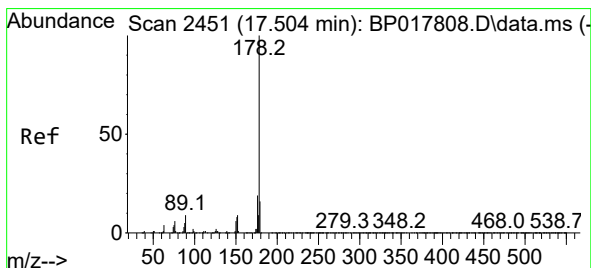
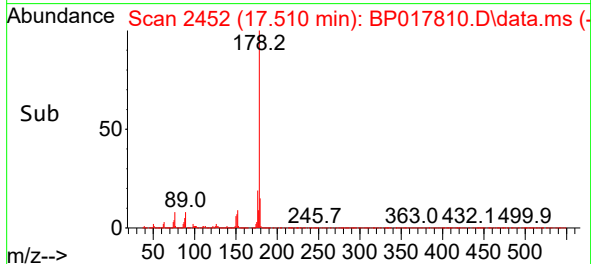
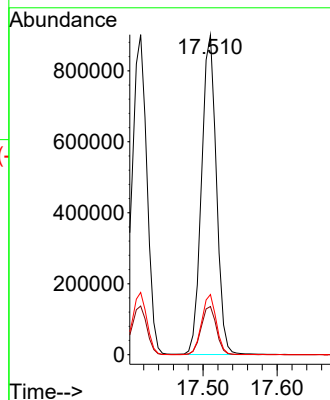
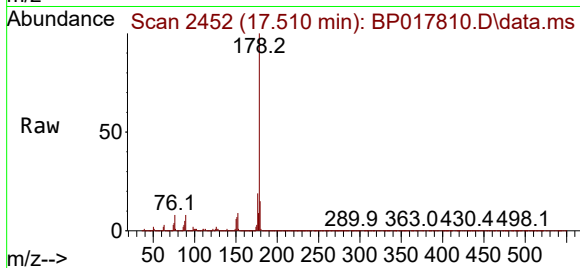
Tgt Ion:178 Resp: 1251866

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 18.8 15.3 22.9



#74

Anthracene

Concen: 17.763 ng/ul

RT: 17.510 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

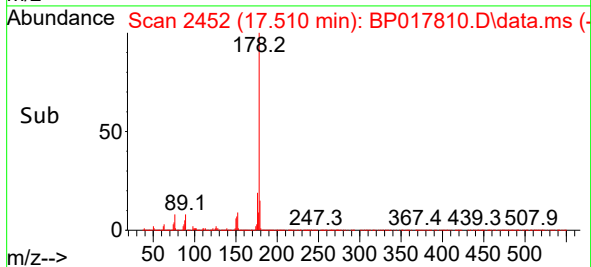
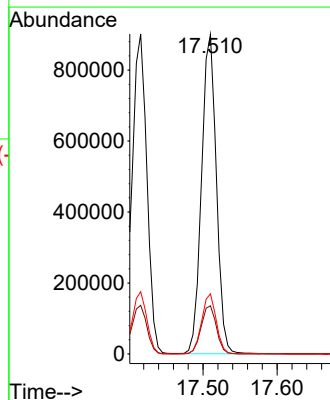
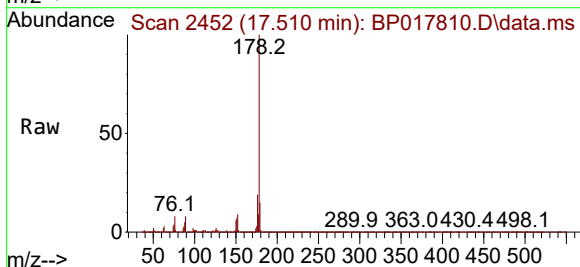
Tgt Ion:178 Resp: 1250754

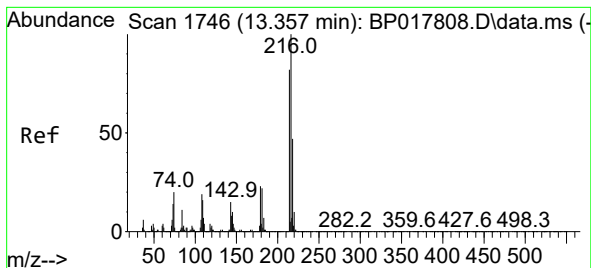
Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 18.8 14.8 22.2

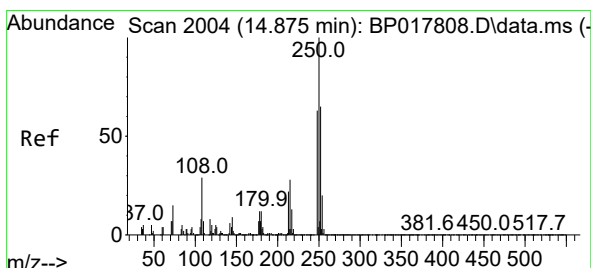
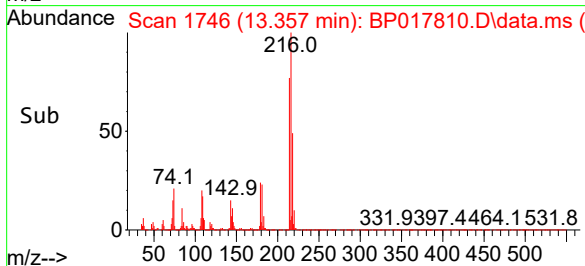
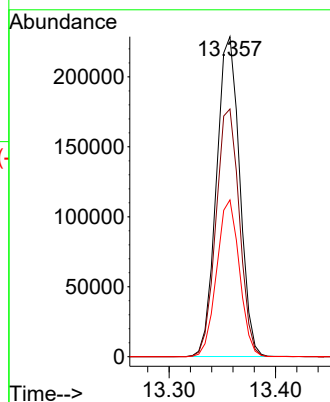
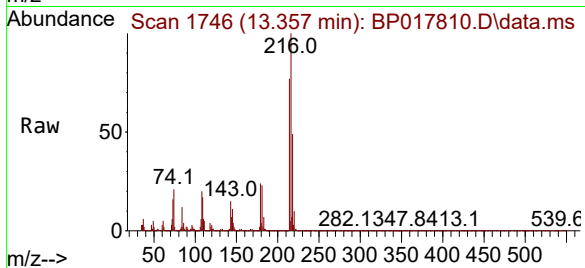




#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.353 ng/uL
RT: 13.357 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

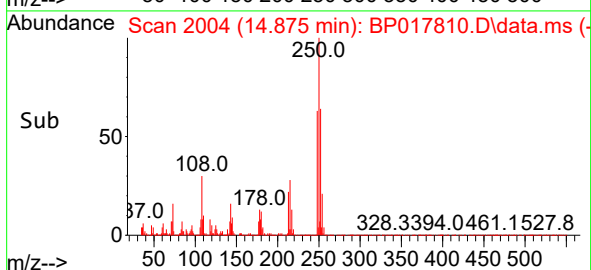
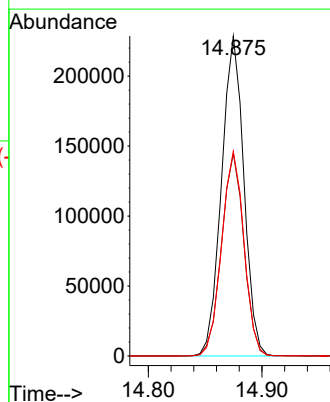
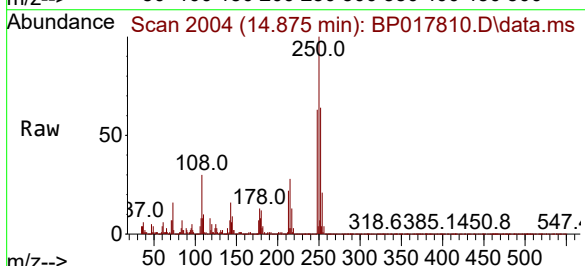
Instrument :
BNA_P
ClientSampleId :
SLCS616

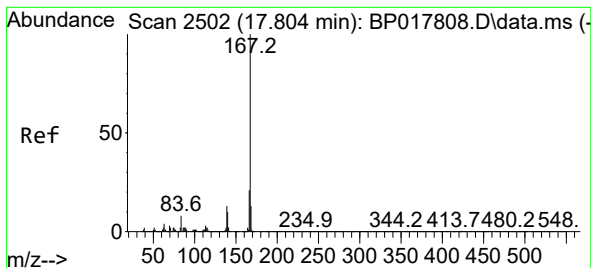
Tgt Ion:216 Resp: 345567
Ion Ratio Lower Upper
216 100
214 77.4 60.7 91.1
218 49.0 38.2 57.4



#76
Pentachlorobenzene
Concen: 16.189 ng/uL
RT: 14.875 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:250 Resp: 312447
Ion Ratio Lower Upper
250 100
248 63.2 50.2 75.4
252 64.0 49.6 74.4





#77

Carbazole

Concen: 18.804 ng/ul

RT: 17.804 min Scan# 2502

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

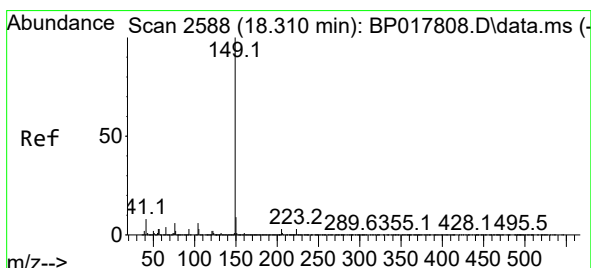
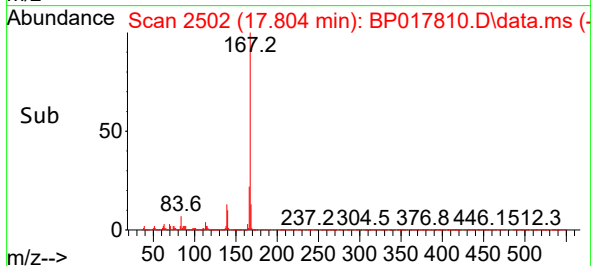
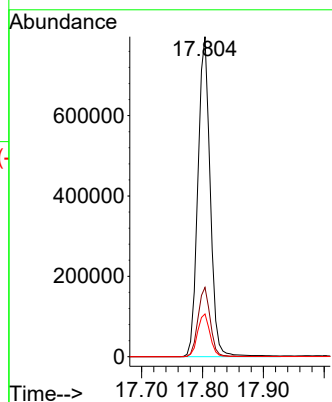
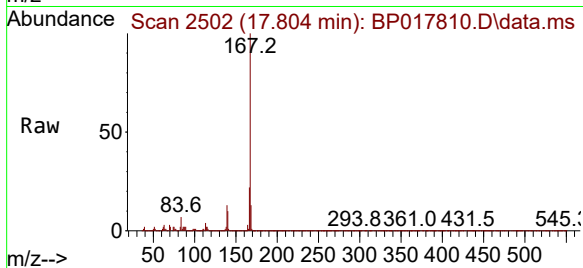
Tgt Ion:167 Resp: 1119090

Ion Ratio Lower Upper

167 100

166 21.7 16.7 25.1

139 13.4 9.8 14.6



#78

Di-n-butylphthalate

Concen: 21.220 ng/ul

RT: 18.316 min Scan# 2589

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

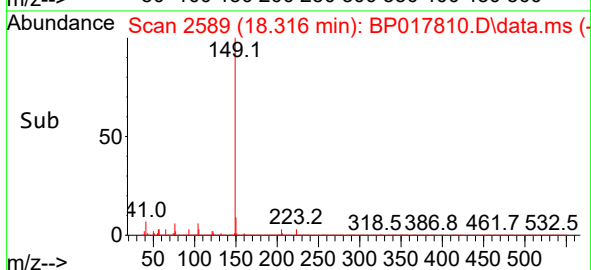
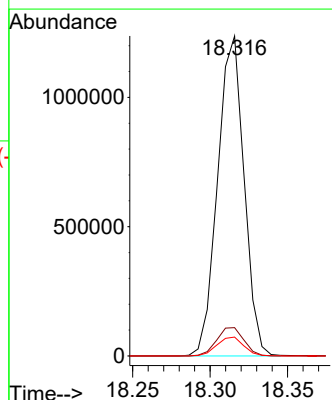
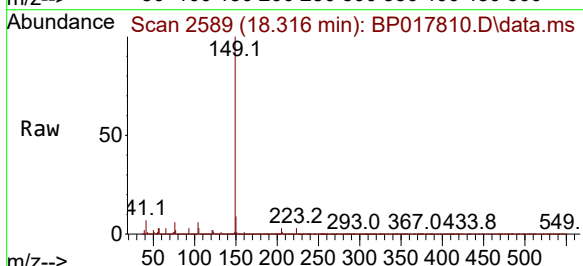
Tgt Ion:149 Resp: 1466153

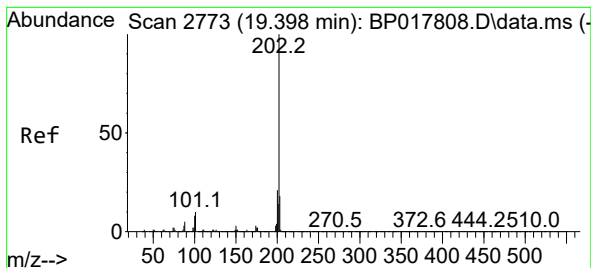
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 5.9 4.3 6.5

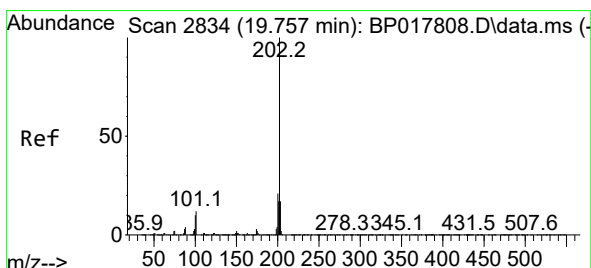
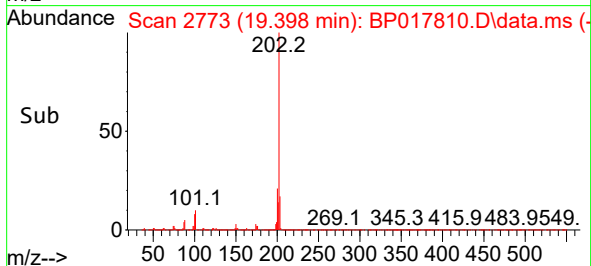
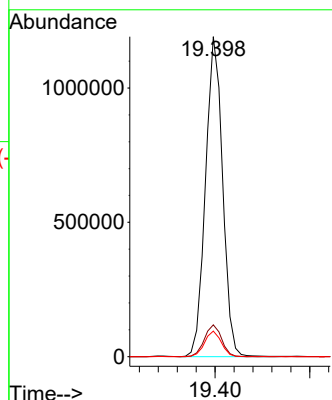
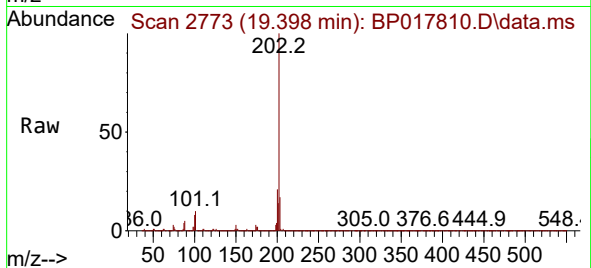




#80
Fluoranthene
Concen: 39.173 ng/ul
RT: 19.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

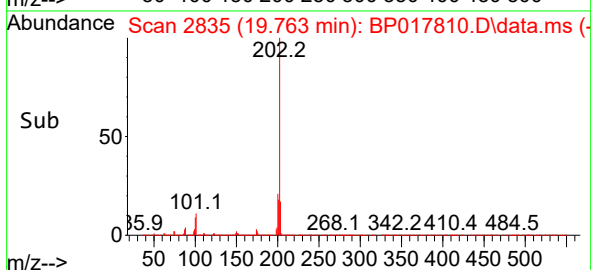
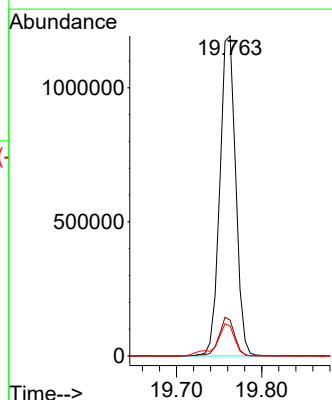
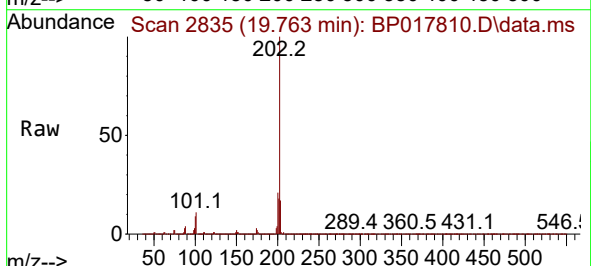
Instrument :
BNA_P
ClientSampleId :
SLCS616

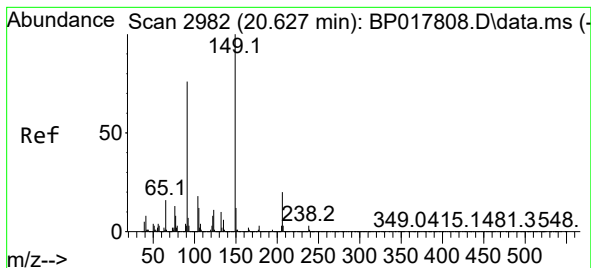
Tgt Ion:202 Resp: 1488643
Ion Ratio Lower Upper
202 100
101 10.0 7.1 10.7
100 8.0 5.7 8.5



#82
Pyrene
Concen: 38.351 ng/ul
RT: 19.763 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BP017810.D
Acq: 25 Oct 2023 19:16

Tgt Ion:202 Resp: 1544043
Ion Ratio Lower Upper
202 100
101 11.2 8.3 12.5
100 9.4 7.4 11.0





#83

Butylbenzylphthalate

Concen: 48.706 ng/ul

RT: 20.633 min Scan# 2982

Delta R.T. -0.000 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

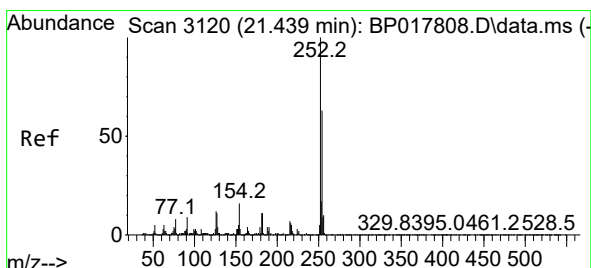
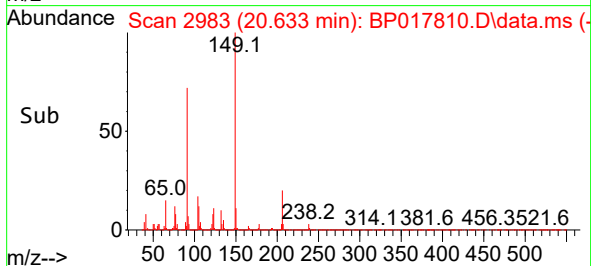
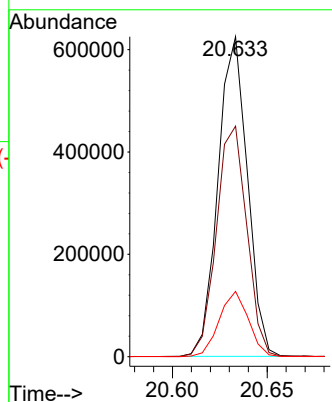
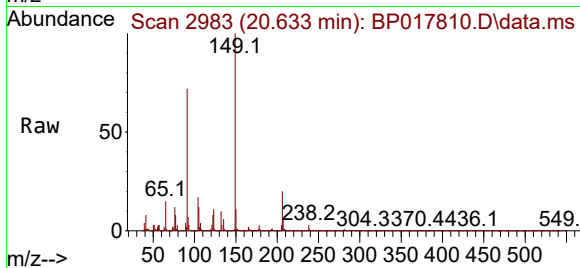
Tgt Ion:149 Resp: 674442

Ion Ratio Lower Upper

149 100

91 72.0 58.8 88.2

206 20.4 17.5 26.3



#84

3,3'-Dichlorobenzidine

Concen: 38.705 ng/ul

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

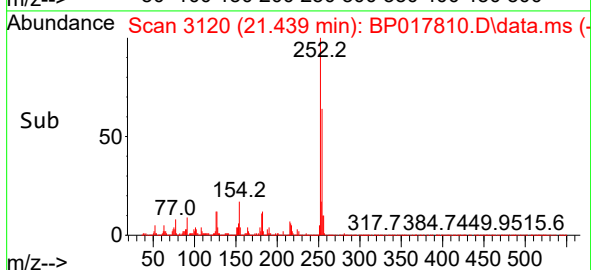
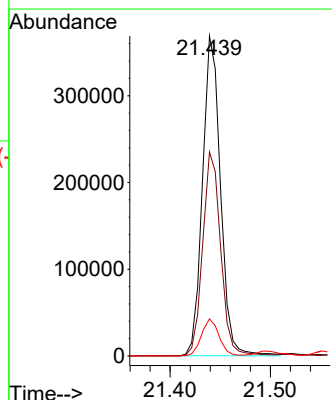
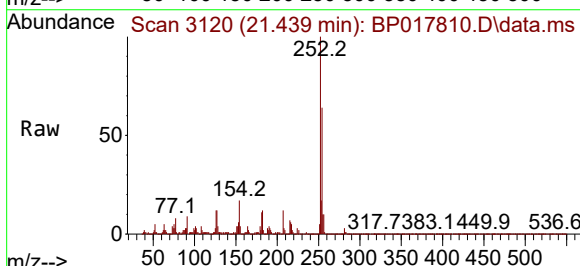
Tgt Ion:252 Resp: 461329

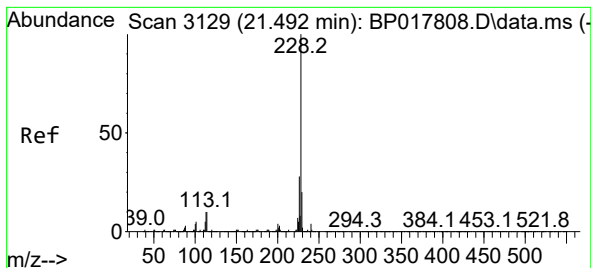
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.8

126 11.6 7.8 11.6





#85

Benzo(a)anthracene

Concen: 36.841 ng/ul

RT: 21.498 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

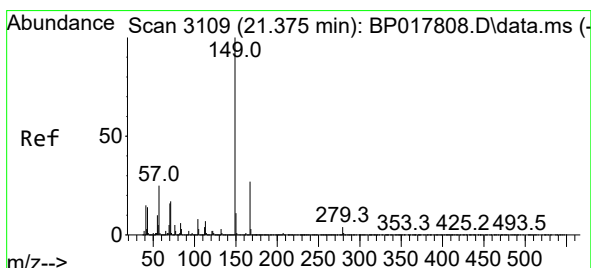
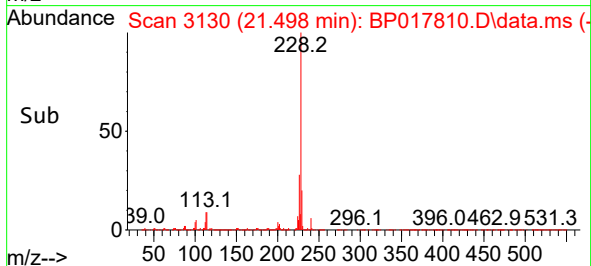
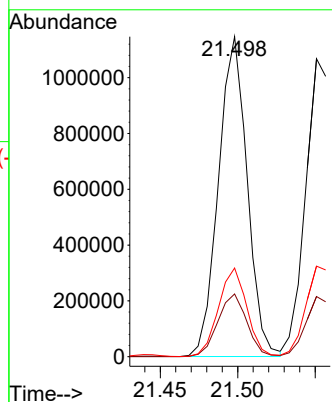
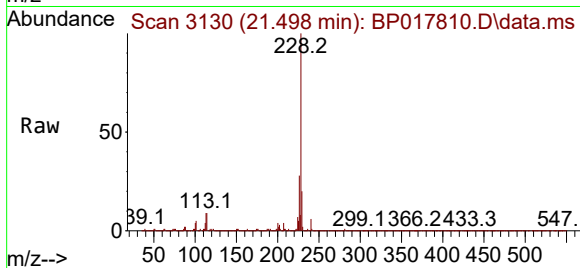
Tgt Ion:228 Resp: 1477525

Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 27.7 21.1 31.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 49.905 ng/ul

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

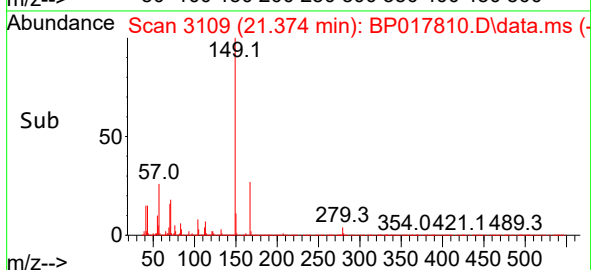
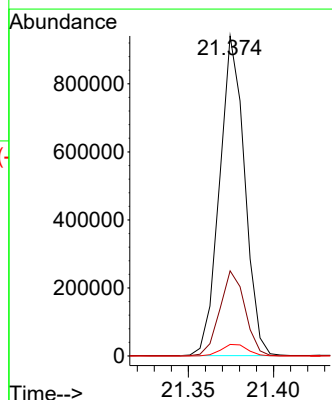
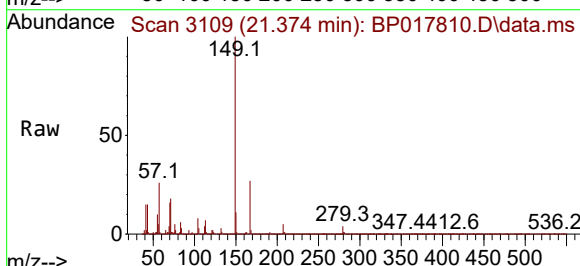
Tgt Ion:149 Resp: 964666

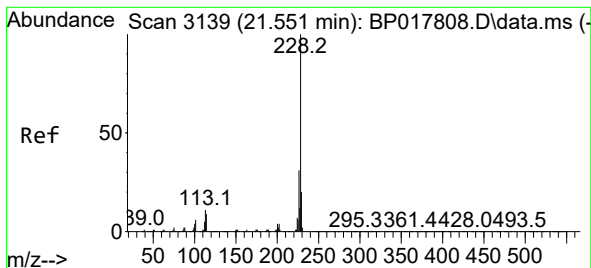
Ion Ratio Lower Upper

149 100

167 26.6 21.6 32.4

279 3.6 3.6 5.4#





#87

Chrysene

Concen: 36.523 ng/ul

RT: 21.551 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

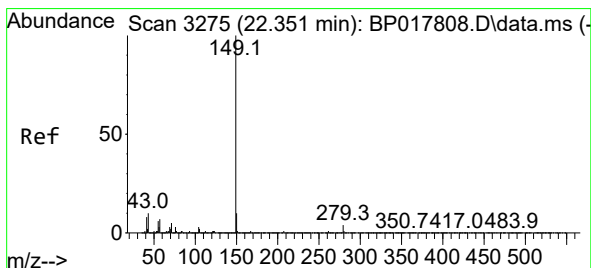
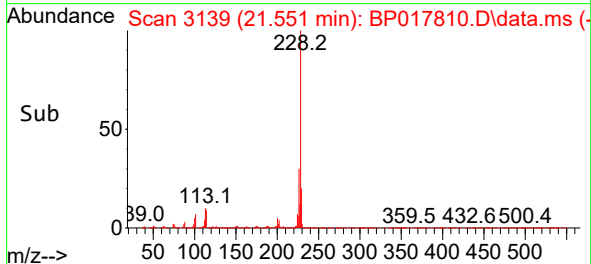
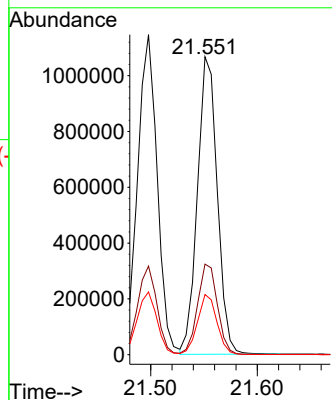
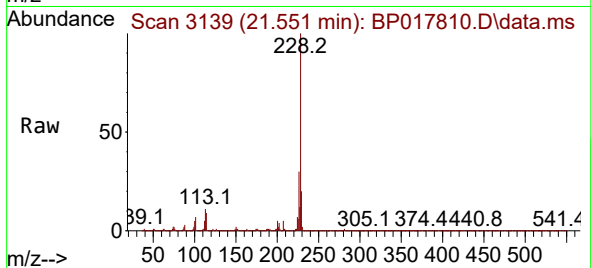
Tgt Ion:228 Resp: 1385165

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 48.071 ng/ul

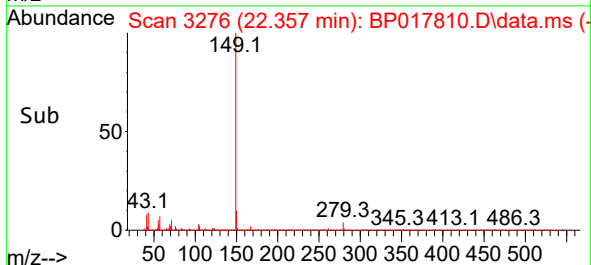
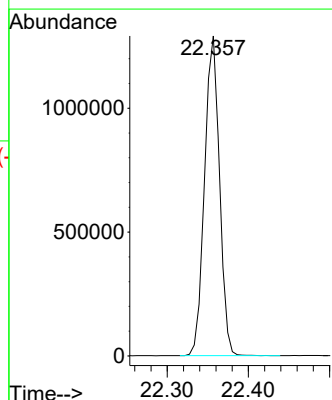
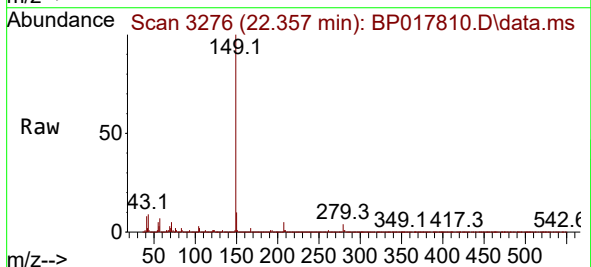
RT: 22.357 min Scan# 3276

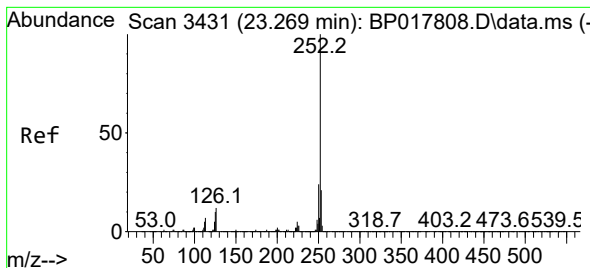
Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Tgt Ion:149 Resp: 1646716





#90

Benzo(b)fluoranthene

Concen: 38.593 ng/ul

RT: 23.274 min Scan# 3431

Delta R.T. -0.000 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

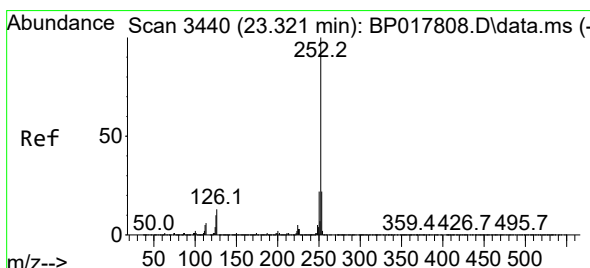
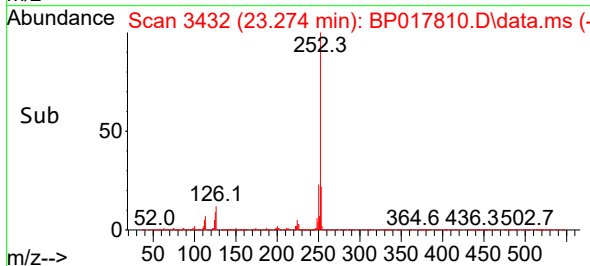
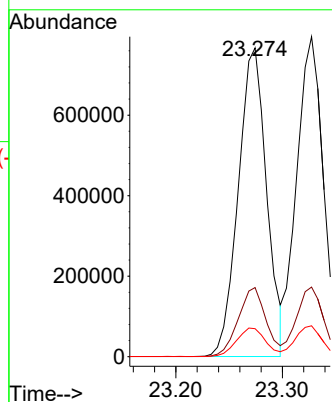
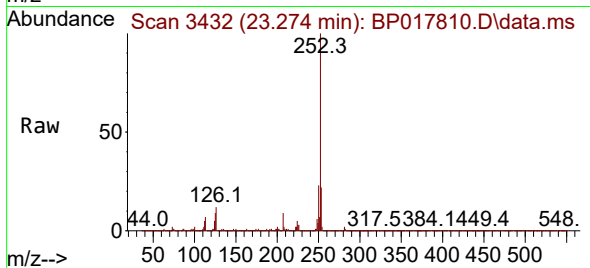
Tgt Ion:252 Resp: 1420466

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 9.1 7.1 10.7



#91

Benzo(k)fluoranthene

Concen: 37.148 ng/ul

RT: 23.327 min Scan# 3441

Delta R.T. -0.000 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

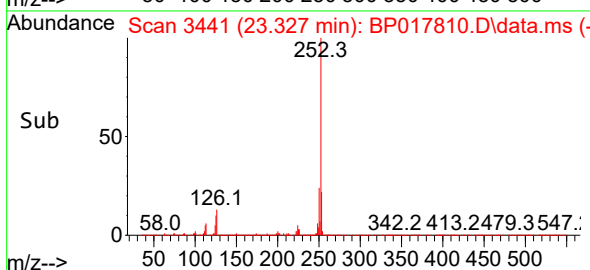
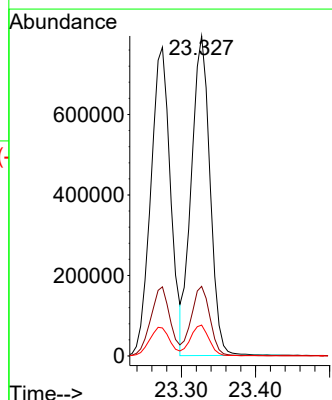
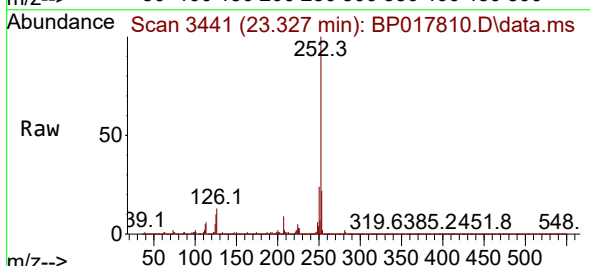
Tgt Ion:252 Resp: 1385722

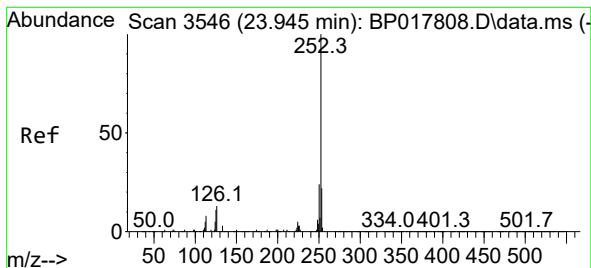
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.6 7.0 10.6





#93

Benzo(a)pyrene

Concen: 35.812 ng/ul

RT: 23.951 min Scan# 3547

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

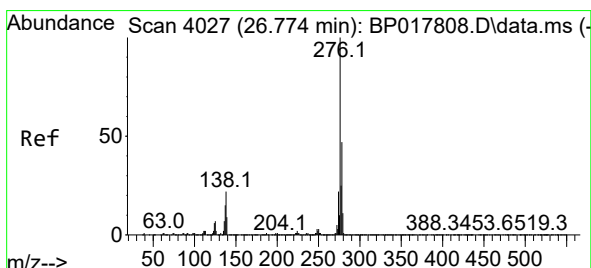
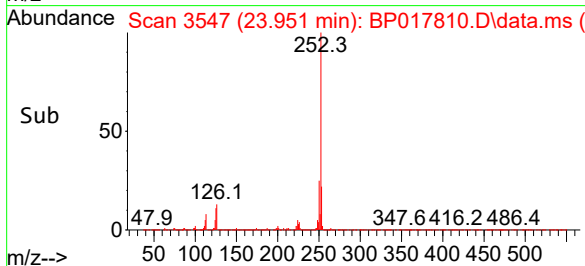
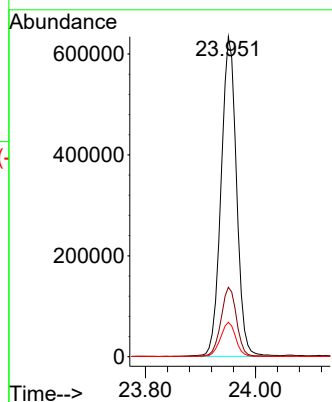
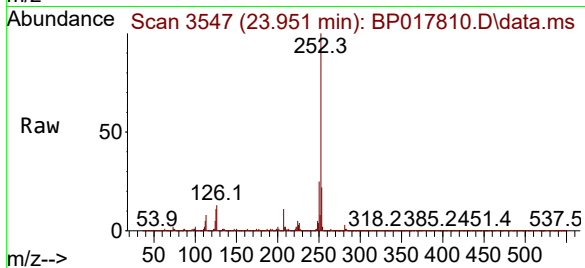
Tgt Ion:252 Resp: 1237423

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.8 7.8 11.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.735 ng/ul

RT: 26.774 min Scan# 4027

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

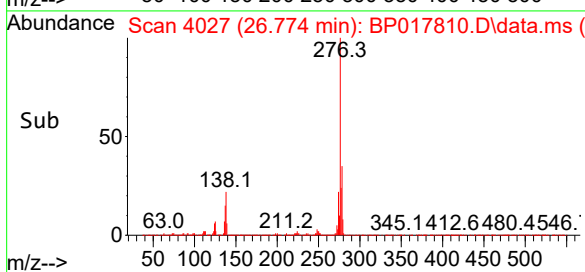
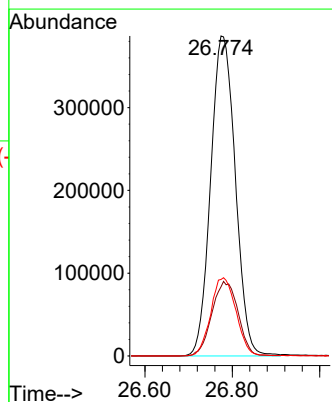
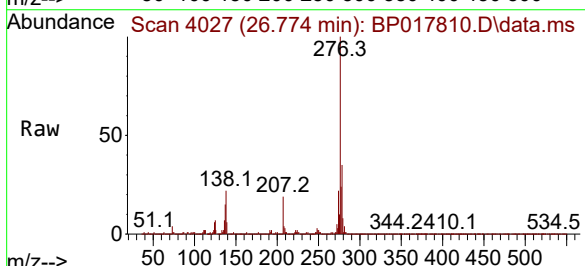
Tgt Ion:276 Resp: 1512796

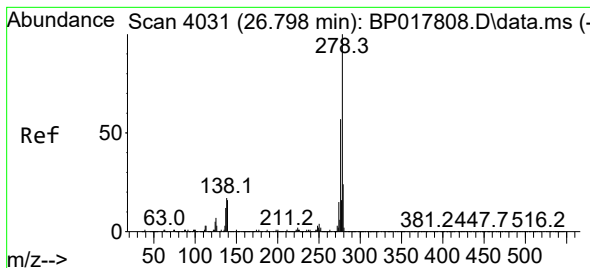
Ion Ratio Lower Upper

276 100

138 21.6 15.6 23.4

277 23.9 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 36.577 ng/ul

RT: 26.804 min Scan# 4031

Delta R.T. -0.006 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Instrument :

BNA_P

ClientSampleId :

SLCS616

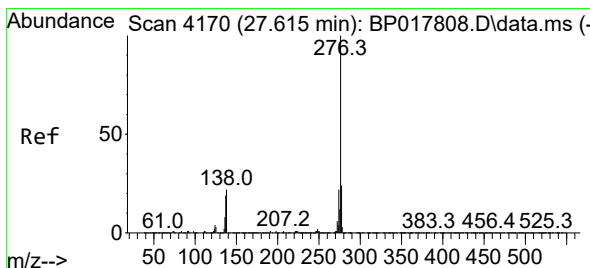
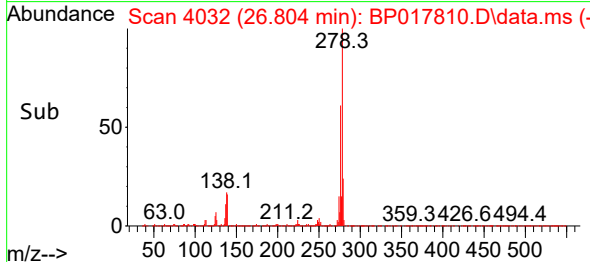
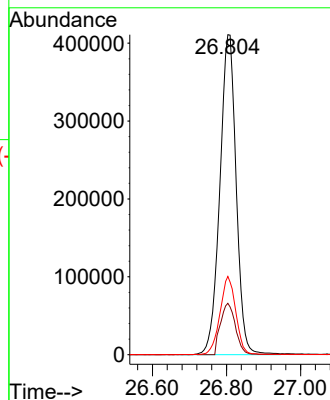
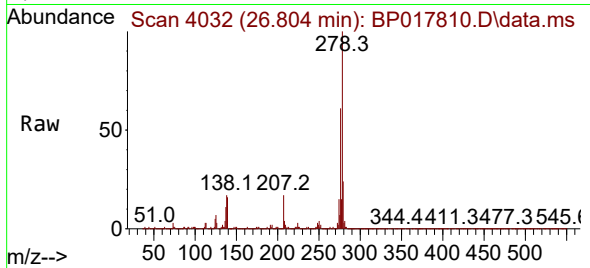
Tgt Ion:278 Resp: 1256803

Ion Ratio Lower Upper

278 100

139 16.1 11.4 17.2

279 24.5 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 37.013 ng/ul

RT: 27.627 min Scan# 4172

Delta R.T. -0.000 min

Lab File: BP017810.D

Acq: 25 Oct 2023 19:16

Tgt Ion:276 Resp: 1228105

Ion Ratio Lower Upper

276 100

138 21.4 15.0 22.6

277 23.3 18.5 27.7

