

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP013980.D
 Acq On : 08 Mar 2023 16:36
 Operator : CG/JU
 Sample : PB151237BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS237

Quant Time: Mar 09 01:14:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	103177	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	433888	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.722	164	316058	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.474	188	782664	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	906612	20.000	ng/u1	0.00
88) Perylene-d12	24.092	264	1056231	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	14396	5.272	ng/uL	0.00
4) Pyridine-d5	3.869	84	184201	24.362	ng/u1	0.00
7) Phenol-d5	7.234	99	256331	28.153	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	145416	27.385	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	189947	27.382	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	209545	28.174	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	96735	27.942	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	115153	27.787	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	219131	28.102	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	253150	24.532	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	743893	27.733	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	789260	27.777	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	136119	28.797	ng/u1	0.00
60) Fluorene-d10	15.716	176	624014	27.450	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	159573	26.976	ng/u1	0.00
73) Anthracene-d10	17.574	188	1048090	27.585	ng/u1	0.00
81) Pyrene-d10	19.798	212	1365248	27.304	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1598731	28.455	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.475	88	27626	9.371	ng/uL	93
5) Pyridine	3.887	79	184783	24.099	ng/u1	94
6) Benzaldehyde	7.216	77	145567	32.131	ng/u1	95
8) Phenol	7.263	94	252916	26.935	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.499	93	189591	26.355	ng/u1	97
12) 2-Chlorophenol	7.646	128	188978	27.039	ng/u1	99
13) 2-Methylphenol	8.528	108	187865	26.907	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.610	45	206683	26.605	ng/u1	98
16) Acetophenone	8.916	105	326947	27.212	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.898	70	170051	27.666	ng/u1	97
18) 4-Methylphenol	8.857	108	211162	27.496	ng/u1	98
19) Hexachloroethane	9.175	117	81491	26.621	ng/u1	96
22) Nitrobenzene	9.298	77	251019	27.105	ng/u1	99
23) Isophorone	9.828	82	485513	27.224	ng/u1	99
25) 2-Nitrophenol	10.016	139	116086	27.179	ng/u1	99
26) 2,4-Dimethylphenol	10.069	107	243984	26.098	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.304	93	271428	26.312	ng/u1	99
29) 2,4-Dichlorophenol	10.551	162	207740	27.008	ng/u1	97
30) Naphthalene	10.957	128	622585	26.130	ng/u1	99
32) 4-Chloroaniline	11.069	127	239893	23.102	ng/u1	98
33) Hexachlorobutadiene	11.240	225	158095	25.829	ng/u1	97
34) Caprolactam	11.845	113	72102	28.870	ng/u1	98
35) 4-Chloro-3-methylphenol	12.181	107	251385	28.263	ng/u1	98
36) 2-Methylnaphthalene	12.557	142	441978	26.447	ng/u1	98

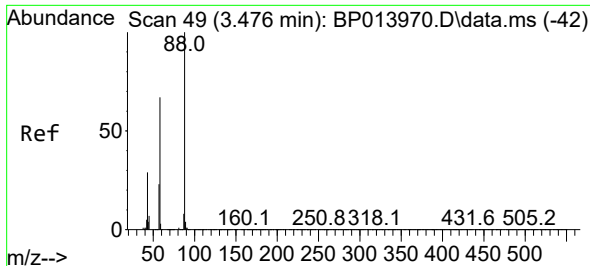
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	456691	27.189	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.922	216	296150	25.912	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	175987	21.503	ng/ul	97
41) 2,4,6-Trichlorophenol	13.157	196	197519	27.511	ng/ul	98
42) 2,4,5-Trichlorophenol	13.234	196	212312	26.945	ng/ul	99
43) 1,1'-Biphenyl	13.557	154	642999	26.425	ng/ul	100
44) 2-Chloronaphthalene	13.598	162	508431	26.308	ng/ul	98
45) 2-Nitroaniline	13.804	65	166235	29.083	ng/ul	98
47) Dimethylphthalate	14.169	163	730261	27.505	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	146067	27.827	ng/ul	100
50) Acenaphthylene	14.445	152	800743	26.853	ng/ul	99
51) 3-Nitroaniline	14.628	138	134632	28.968	ng/ul	98
52) Acenaphthene	14.786	153	558640	26.798	ng/ul	99
53) 2,4-Dinitrophenol	14.833	184	101391	25.866	ng/ul	97
55) 4-Nitrophenol	14.928	109	147324	28.854	ng/ul	99
56) Dibenzofuran	15.116	168	806301	26.587	ng/ul	99
57) 2,4-Dinitrotoluene	15.080	165	225485	28.752	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.345	232	214584	28.466	ng/ul#	98
59) Diethylphthalate	15.533	149	739191	27.450	ng/ul	100
61) Fluorene	15.769	166	674107	26.815	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.757	204	368432	26.553	ng/ul	98
63) 4-Nitroaniline	15.792	138	154278	32.294	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.845	198	153601	27.217	ng/ul	99
67) N-Nitrosodiphenylamine	15.975	169	585157	26.472	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	251333	26.563	ng/ul	97
69) Hexachlorobenzene	16.775	284	301051	27.001	ng/ul	99
70) Atrazine	16.922	200	244248	25.619	ng/ul	100
71) Pentachlorophenol	17.122	266	195724	26.855	ng/ul	99
72) Phenanthrene	17.516	178	1142279	26.759	ng/ul	100
74) Anthracene	17.610	178	1153895	26.659	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.522	216	303128	25.236	ng/uL	99
76) Pentachlorobenzene	15.039	250	324140	25.978	ng/uL	99
77) Carbazole	17.874	167	1069335	28.009	ng/ul	100
78) Di-n-butylphthalate	18.404	149	1315084	27.561	ng/ul	100
80) Fluoranthene	19.468	202	1518306	26.640	ng/ul	99
82) Pyrene	19.821	202	1590379	26.749	ng/ul	100
83) Butylbenzylphthalate	20.674	149	651148	27.162	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	588637	25.363	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1732441	27.168	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	969118	27.039	ng/ul	99
87) Chrysene	21.592	228	1650959	27.166	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	1742349	26.143	ng/ul	100
90) Benzo(b)fluoranthene	23.309	252	1887668	26.821	ng/ul	99
91) Benzo(k)fluoranthene	23.362	252	1880411	28.019	ng/ul	100
93) Benzo(a)pyrene	23.980	252	1684654	27.519	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.768	276	2186758	26.984	ng/ul	99
95) Dibenzo(a,h)anthracene	26.780	278	1821931	27.050	ng/ul	99
96) Benzo(g,h,i)perylene	27.592	276	1729323	26.698	ng/ul	100

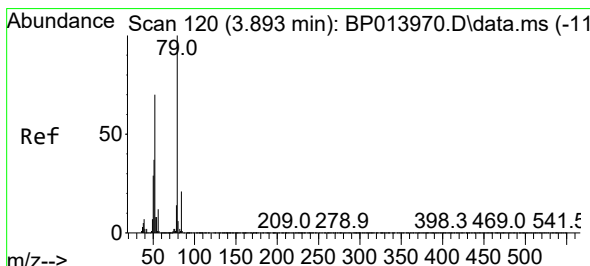
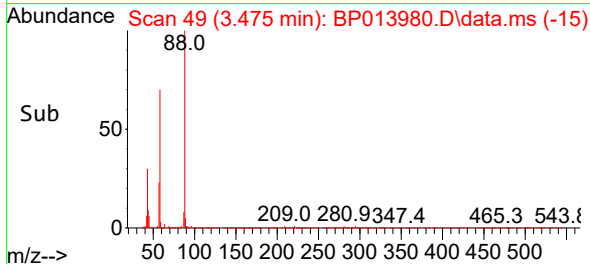
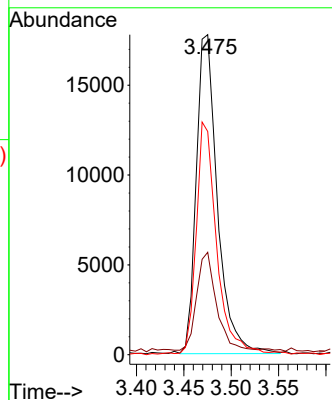
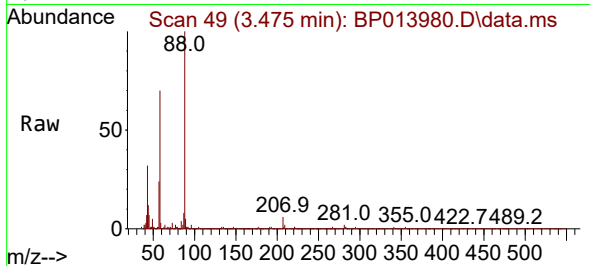
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#2
 1,4-Dioxane
 Concen: 9.371 ng/uL
 RT: 3.475 min Scan# 49
 Delta R.T. -0.000 min
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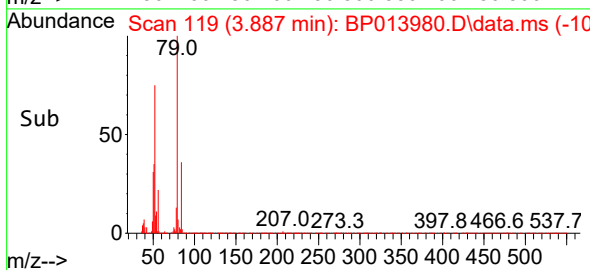
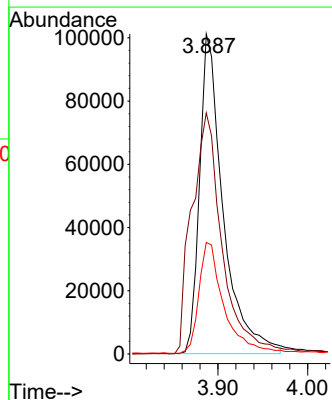
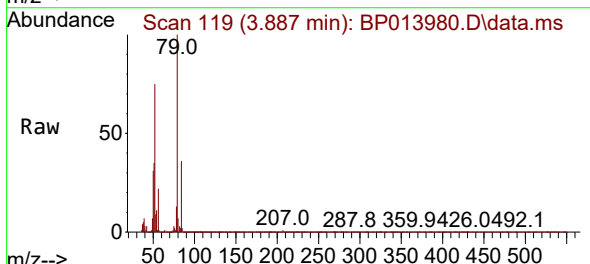
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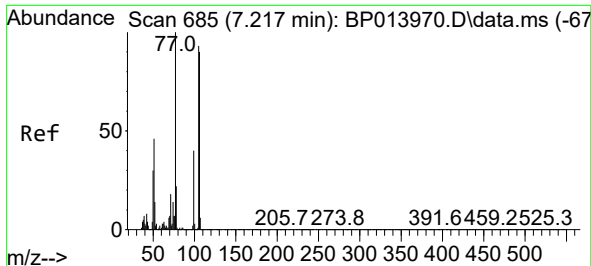
Tgt Ion:	88	Resp:	27626
Ion	Ratio	Lower	Upper
88	100		
43	32.0	23.9	35.9
58	69.7	50.2	75.2



#5
 Pyridine
 Concen: 24.099 ng/uL
 RT: 3.887 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: BP013980.D
 Acq: 08 Mar 2023 16:36

Tgt Ion:	79	Resp:	184783
Ion	Ratio	Lower	Upper
79	100		
52	75.4	55.1	82.7
51	34.9	28.9	43.3

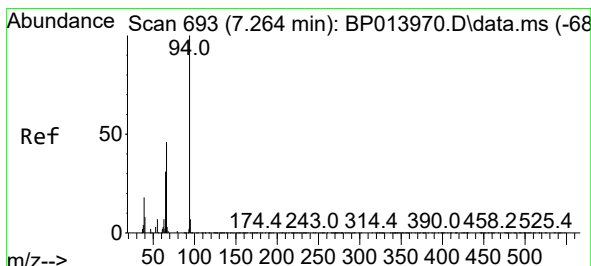
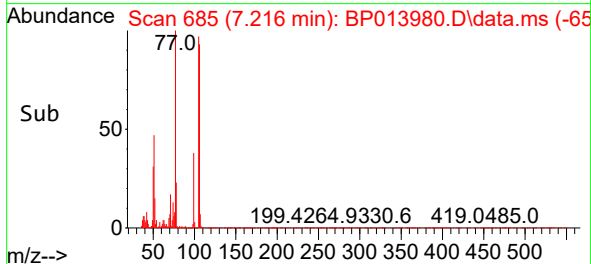
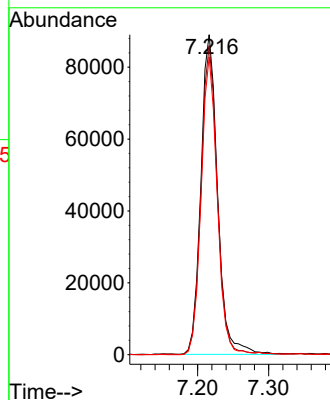
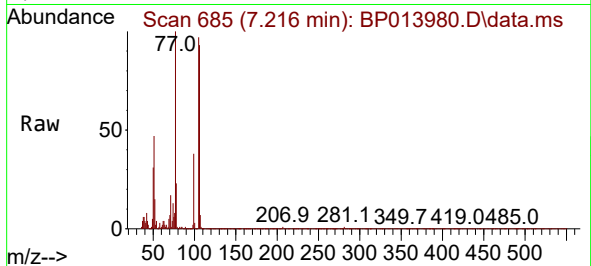




#6
Benzaldehyde
Concen: 32.131 ng/ul
RT: 7.216 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

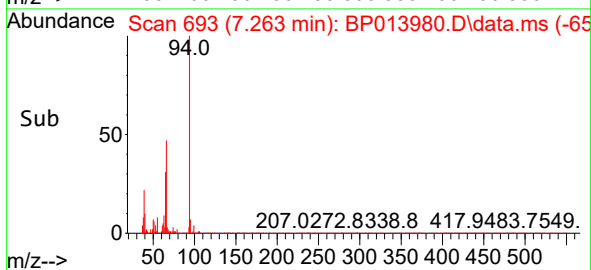
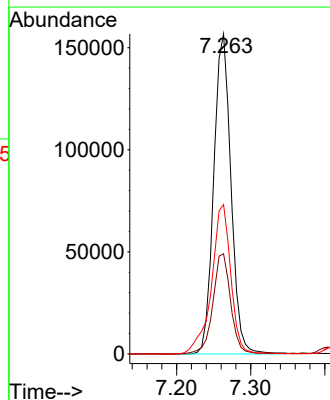
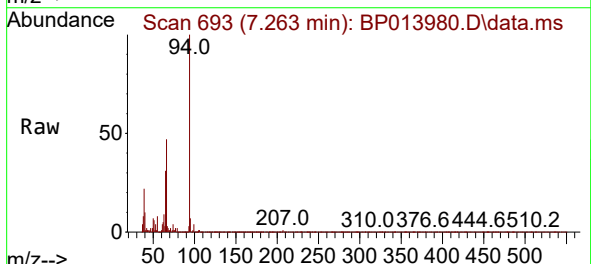
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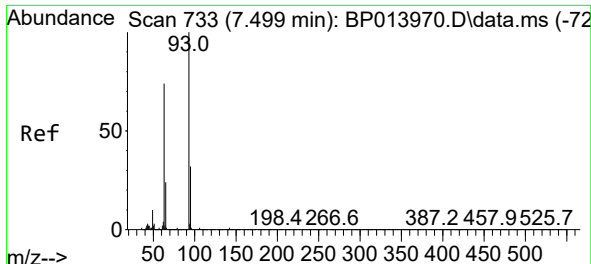
Tgt Ion: 77 Resp: 145567
Ion Ratio Lower Upper
77 100
105 96.6 74.2 111.2
106 93.1 69.8 104.8



#8
Phenol
Concen: 26.935 ng/ul
RT: 7.263 min Scan# 693
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion: 94 Resp: 252916
Ion Ratio Lower Upper
94 100
65 31.3 25.2 37.8
66 46.7 37.2 55.8

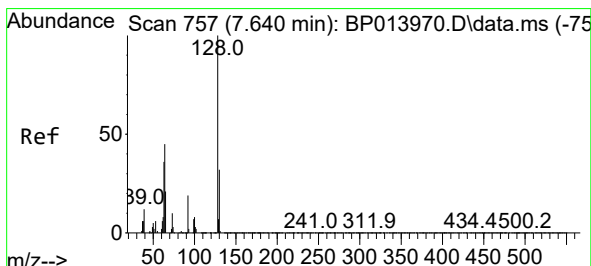
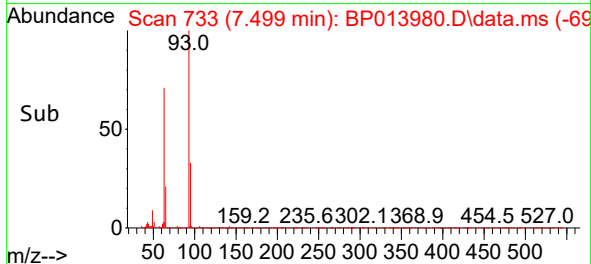
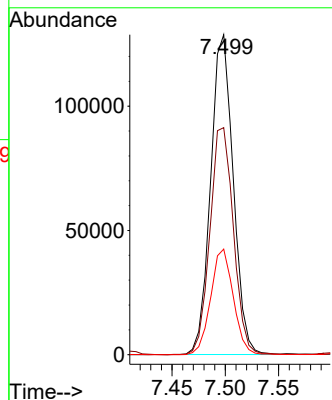
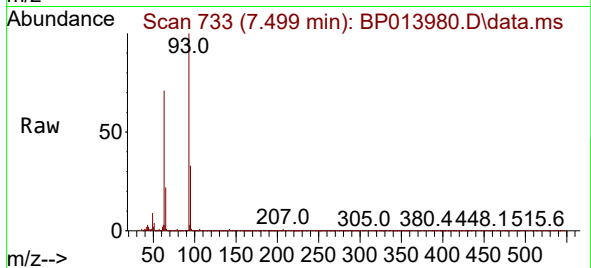




#10
Bis(2-Chloroethyl)ether
Concen: 26.355 ng/ul
RT: 7.499 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

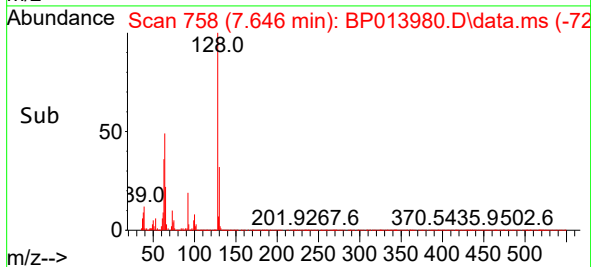
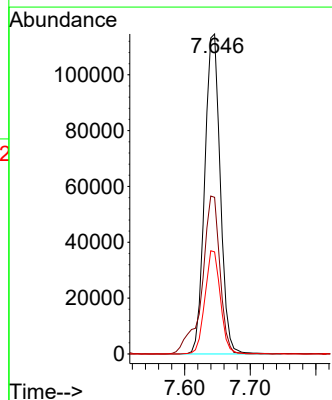
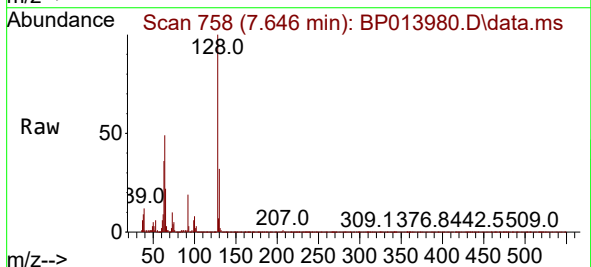
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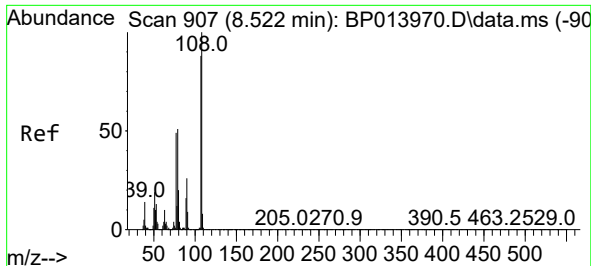
Tgt Ion: 93 Resp: 189591
Ion Ratio Lower Upper
93 100
63 70.9 58.8 88.2
95 33.0 25.8 38.6



#12
2-Chlorophenol
Concen: 27.039 ng/ul
RT: 7.646 min Scan# 758
Delta R.T. 0.006 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:128 Resp: 188978
Ion Ratio Lower Upper
128 100
64 48.9 38.3 57.5
130 31.9 25.7 38.5

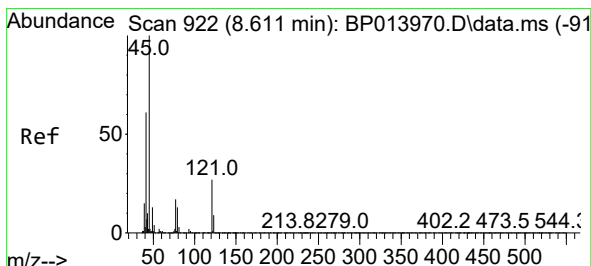
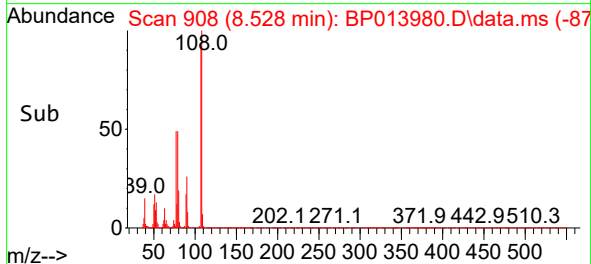
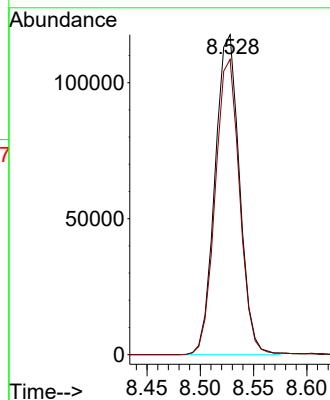
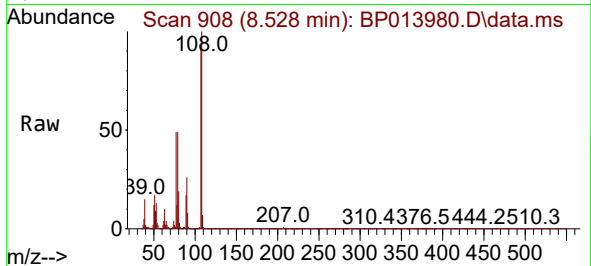




#13
2-Methylphenol
Concen: 26.907 ng/ul
RT: 8.528 min Scan# 907
Delta R.T. 0.006 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

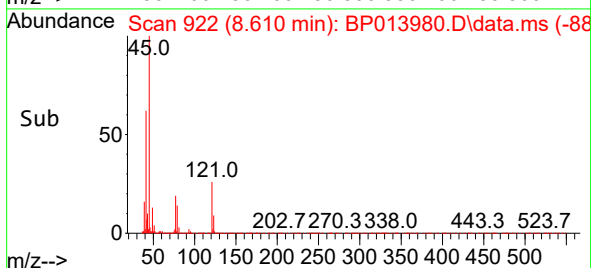
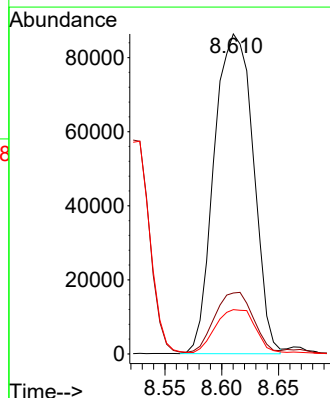
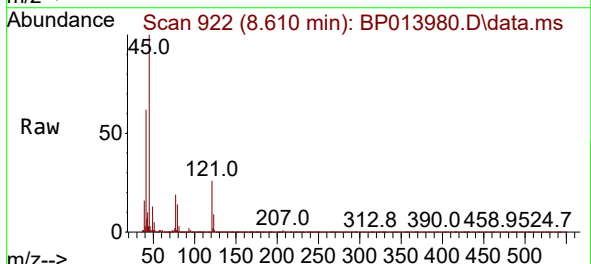
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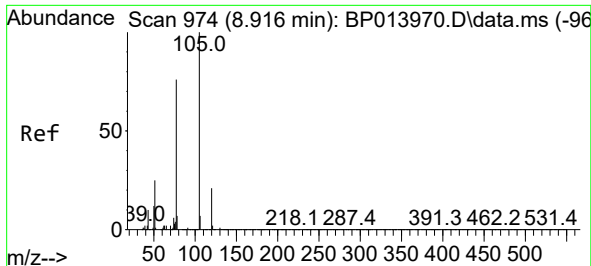
Tgt Ion:108 Resp: 187865
Ion Ratio Lower Upper
108 100
107 92.3 70.5 105.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 26.605 ng/ul
RT: 8.610 min Scan# 922
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion: 45 Resp: 206683
Ion Ratio Lower Upper
45 100
77 19.0 14.2 21.2
79 13.8 10.6 15.8

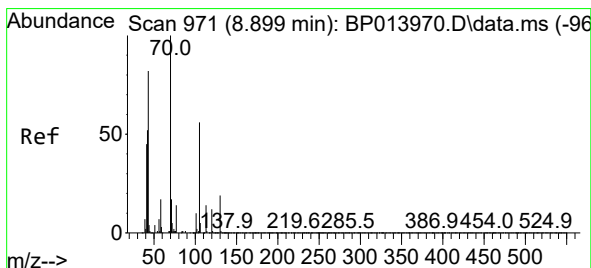
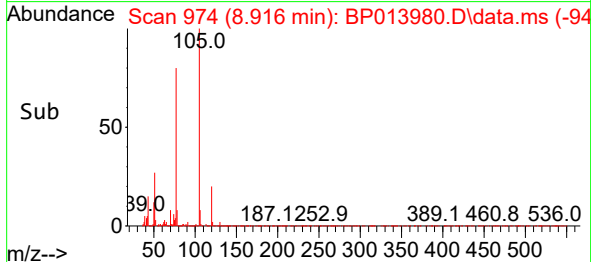
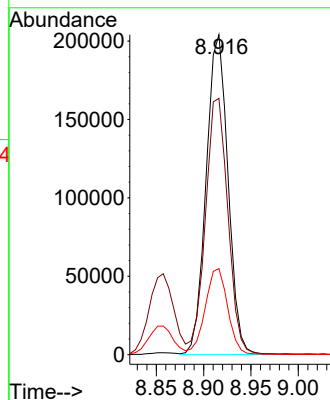
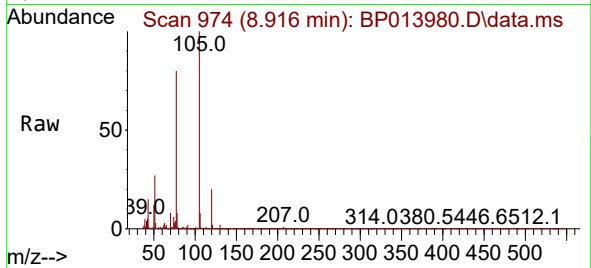




#16
Acetophenone
Concen: 27.212 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

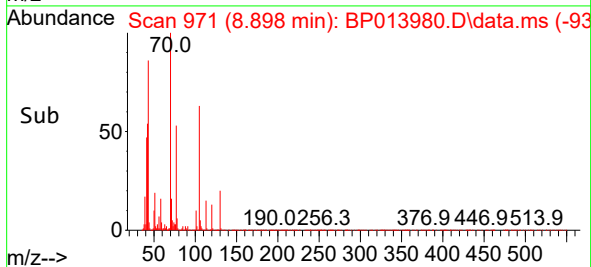
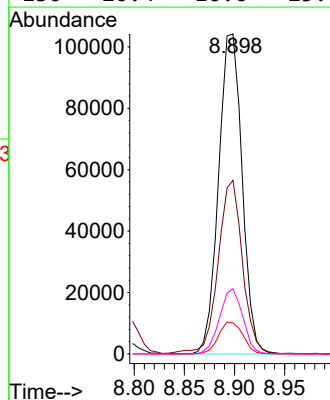
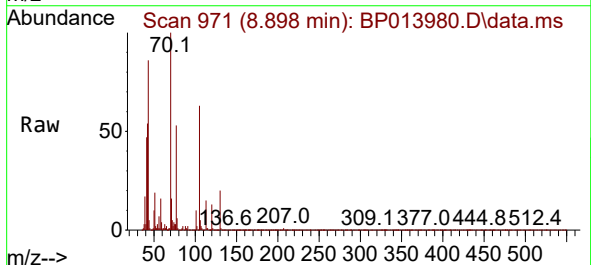
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ClientSampleId :
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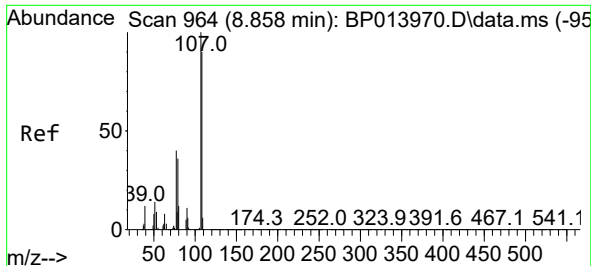
Tgt Ion:105 Resp: 326947
Ion Ratio Lower Upper
105 100
77 80.1 65.4 98.2
51 26.9 21.8 32.8



#17
N-Nitroso-di-n-propylamine
Concen: 27.666 ng/ul
RT: 8.898 min Scan# 971
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion: 70 Resp: 170051
Ion Ratio Lower Upper
70 100
42 54.3 40.9 61.3
101 9.7 7.9 11.9
130 20.4 16.6 25.0

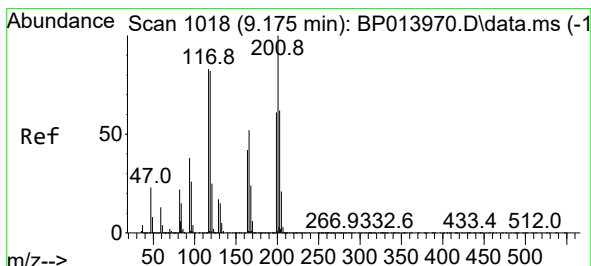
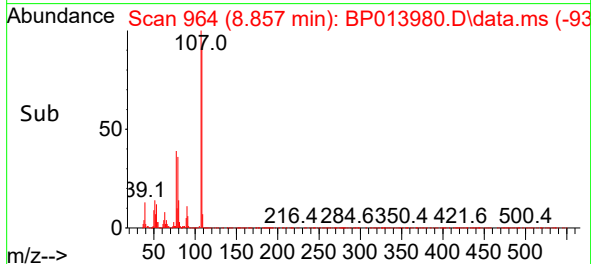
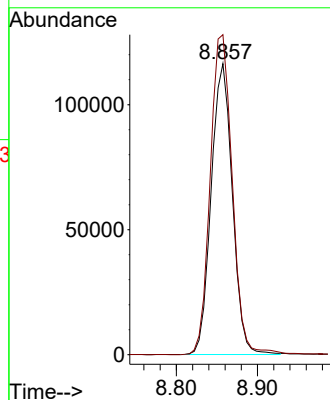
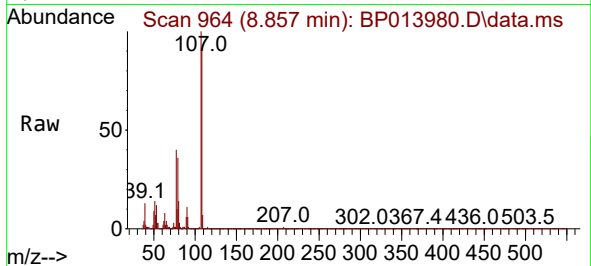




#18
4-Methylphenol
Concen: 27.496 ng/ul
RT: 8.857 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

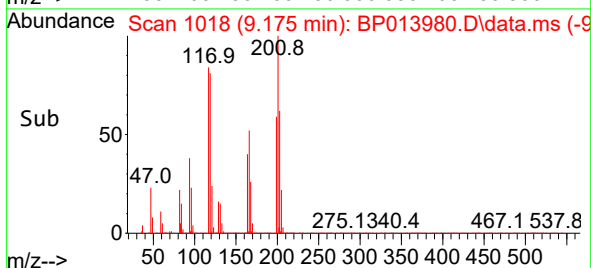
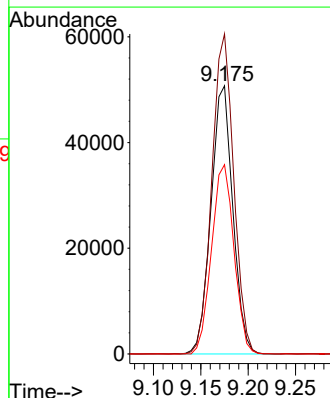
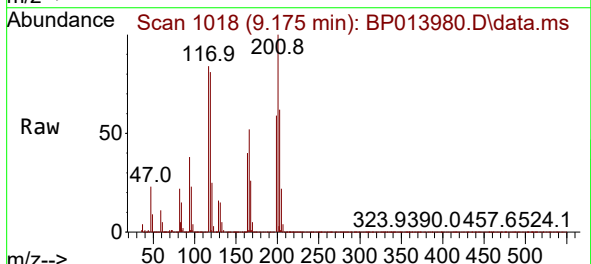
Instrument :
BNA_P
ClientSampleId :
SLCS237

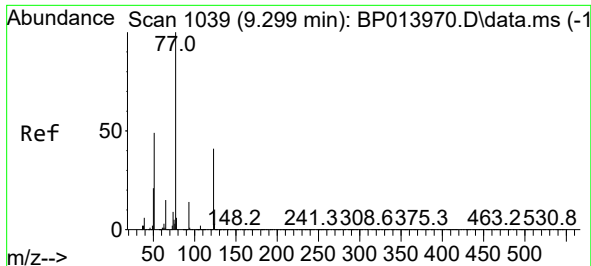
Tgt Ion:108 Resp: 211162
Ion Ratio Lower Upper
108 100
107 110.0 89.8 134.6



#19
Hexachloroethane
Concen: 26.621 ng/ul
RT: 9.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:117 Resp: 81491
Ion Ratio Lower Upper
117 100
201 119.3 91.7 137.5
199 70.6 59.1 88.7

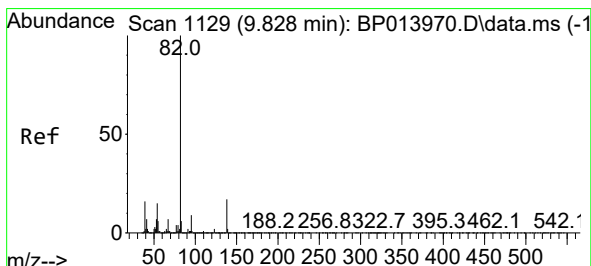
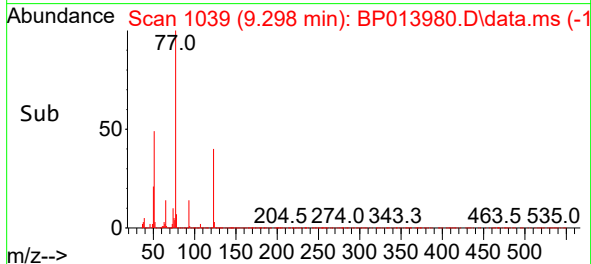
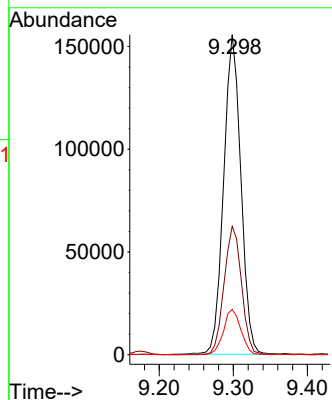
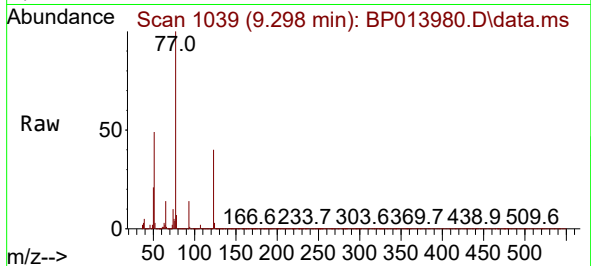




#22
Nitrobenzene
Concen: 27.105 ng/ul
RT: 9.298 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

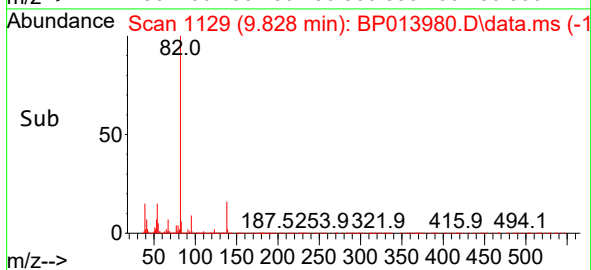
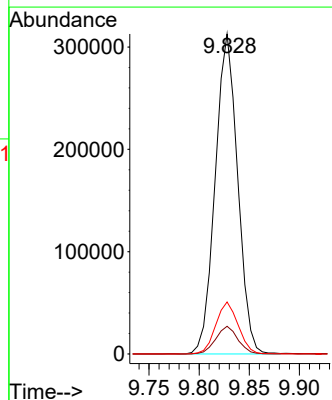
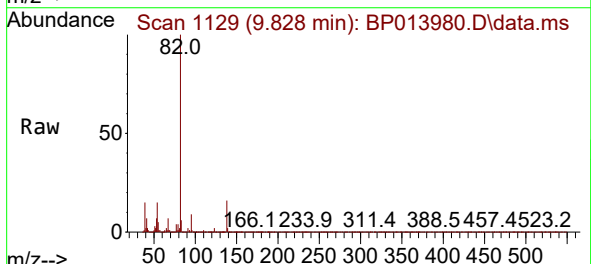
Instrument :
BNA_P
ClientSampleId :
SLCS237

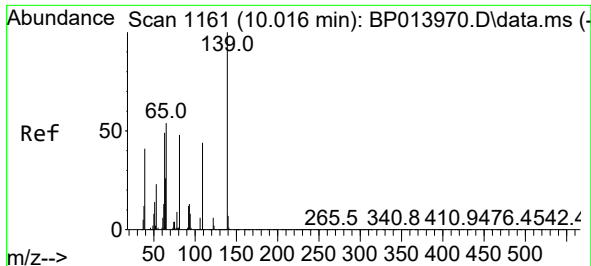
Tgt Ion: 77 Resp: 251019
Ion Ratio Lower Upper
77 100
123 40.1 32.6 48.8
65 14.1 11.2 16.8



#23
Isophorone
Concen: 27.224 ng/ul
RT: 9.828 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion: 82 Resp: 485513
Ion Ratio Lower Upper
82 100
95 8.7 7.1 10.7
138 16.2 13.3 19.9

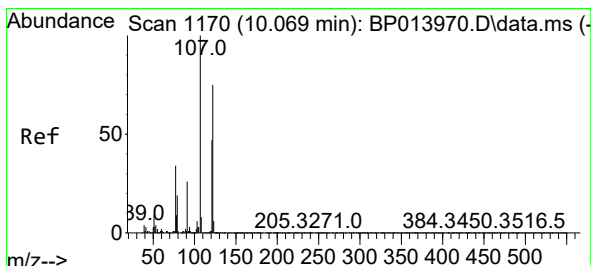
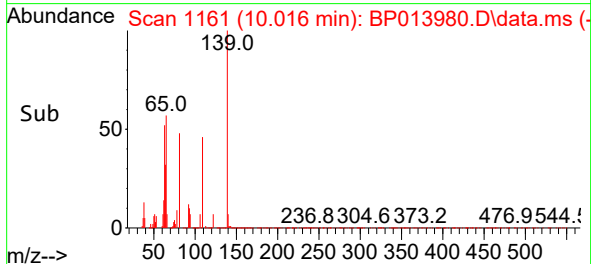
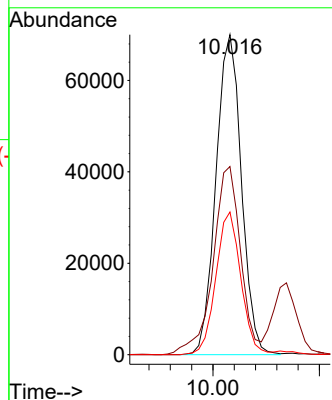
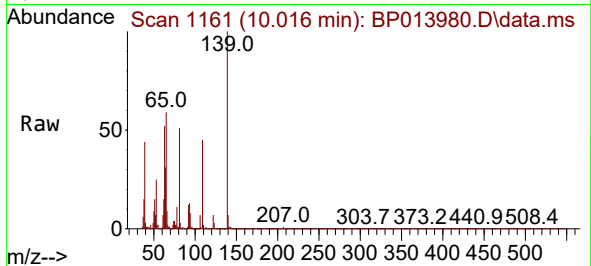




#25
2-Nitrophenol
Concen: 27.179 ng/ul
RT: 10.016 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

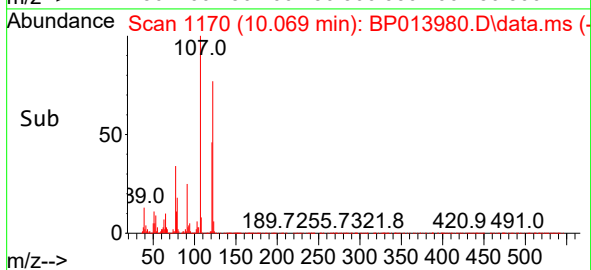
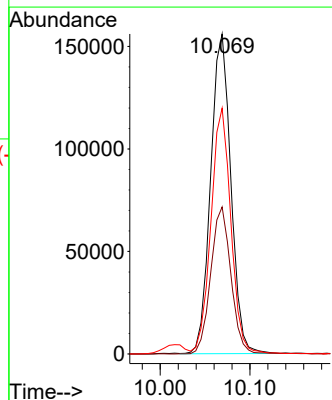
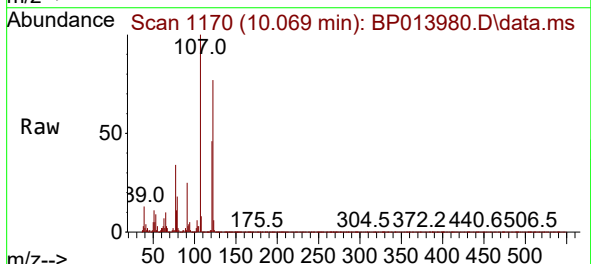
Instrument :
BNA_P
ClientSampleId :
SLCS237

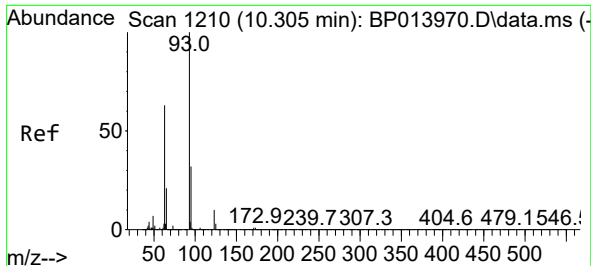
Tgt Ion:139 Resp: 116086
Ion Ratio Lower Upper
139 100
65 58.8 46.6 70.0
109 44.6 34.5 51.7



#26
2,4-Dimethylphenol
Concen: 26.098 ng/ul
RT: 10.069 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:107 Resp: 243984
Ion Ratio Lower Upper
107 100
121 45.9 37.1 55.7
122 76.8 61.2 91.8





#27

Bis(2-Chloroethoxy)methane

Concen: 26.312 ng/ul

RT: 10.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

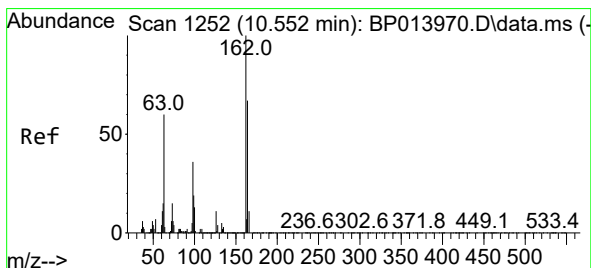
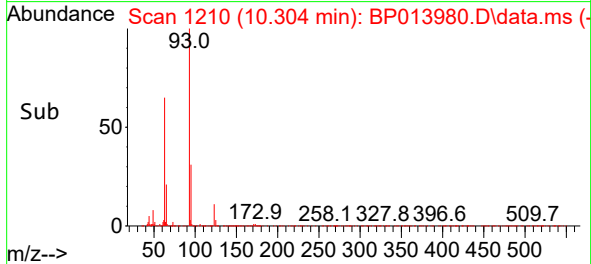
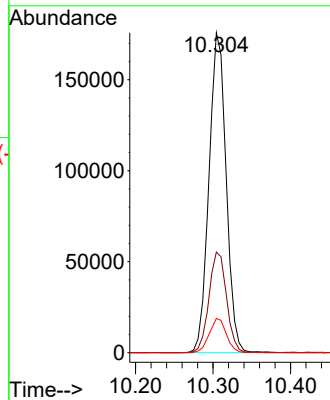
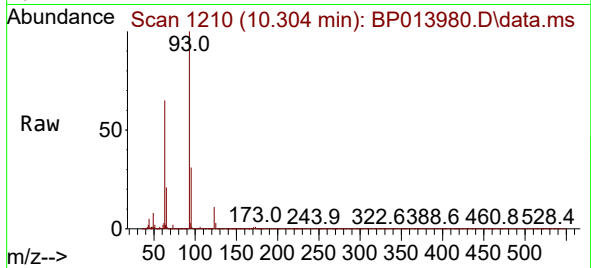
Tgt Ion: 93 Resp: 271428

Ion Ratio Lower Upper

93 100

95 31.5 25.6 38.4

123 10.7 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 27.008 ng/ul

RT: 10.551 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

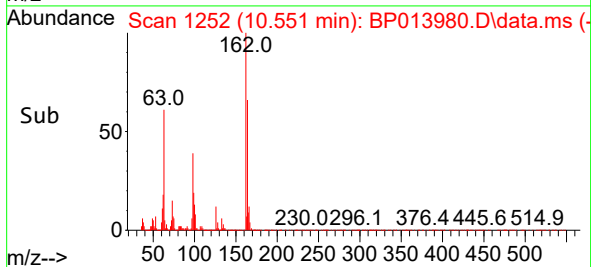
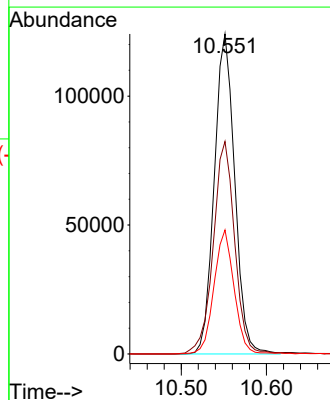
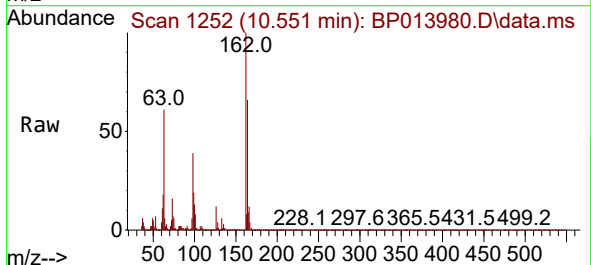
Tgt Ion:162 Resp: 207740

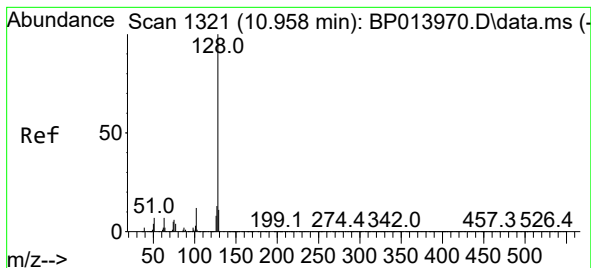
Ion Ratio Lower Upper

162 100

164 66.4 52.0 78.0

98 38.8 29.1 43.7

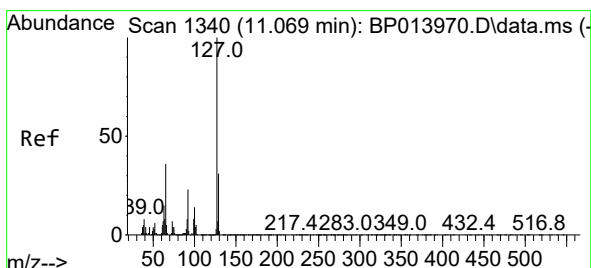
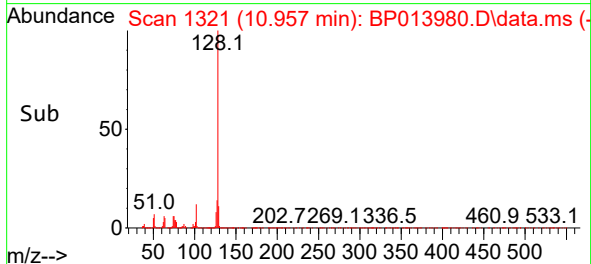
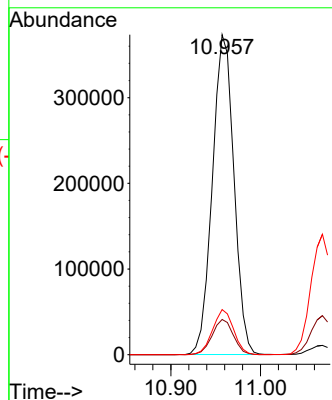
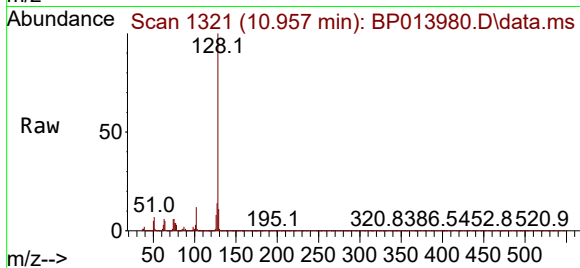




#30
Naphthalene
Concen: 26.130 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

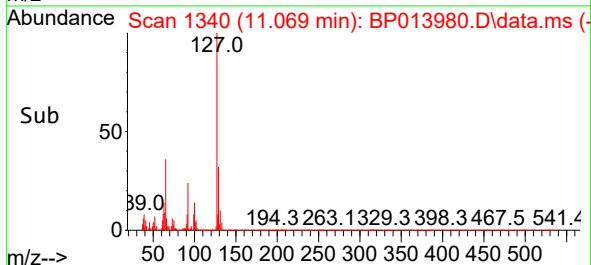
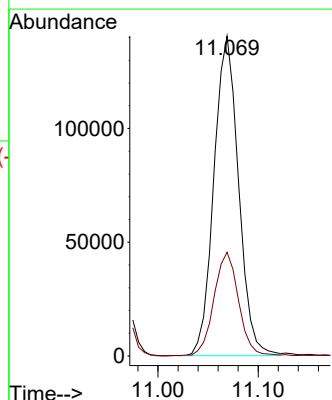
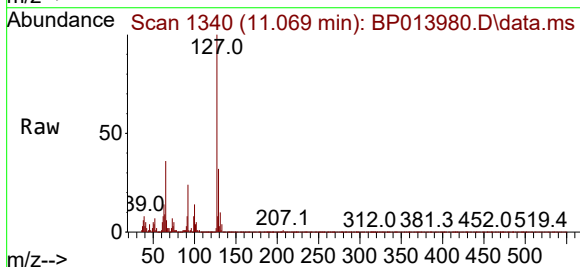
Instrument :
BNA_P
ClientSampleId :
SLCS237

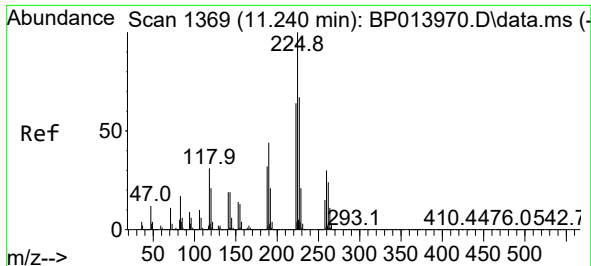
Tgt Ion:128 Resp: 622585
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.1 11.0 16.4



#32
4-Chloroaniline
Concen: 23.102 ng/ul
RT: 11.069 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:127 Resp: 239893
Ion Ratio Lower Upper
127 100
129 32.4 24.9 37.3

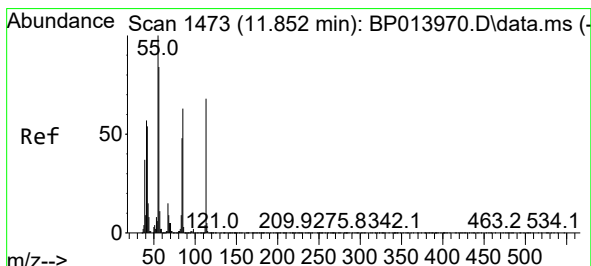
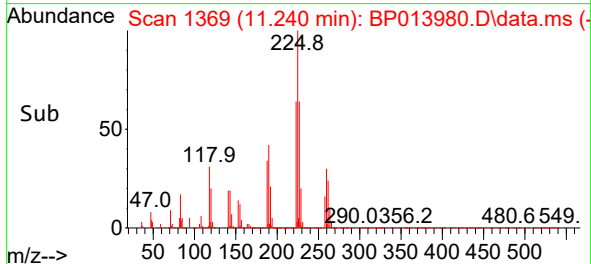
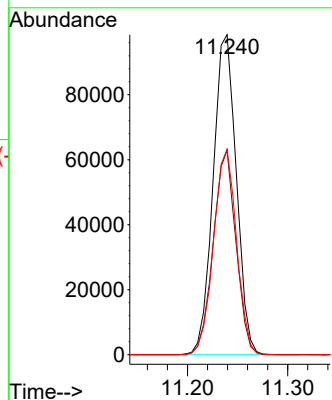
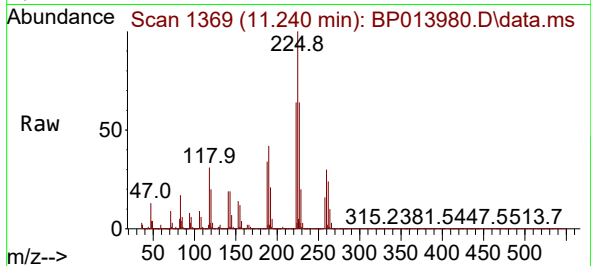




#33
Hexachlorobutadiene
Concen: 25.829 ng/ul
RT: 11.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

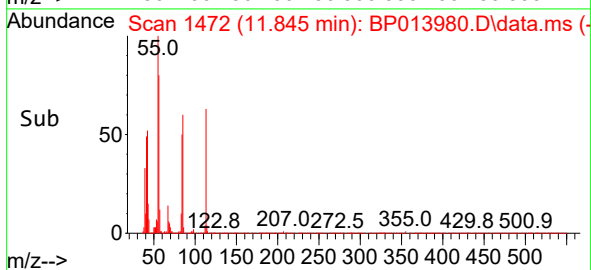
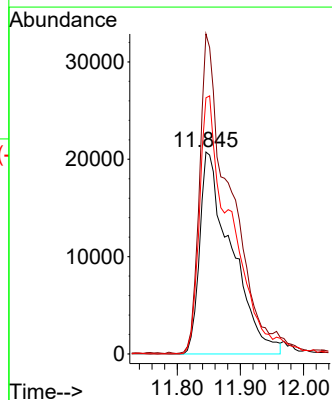
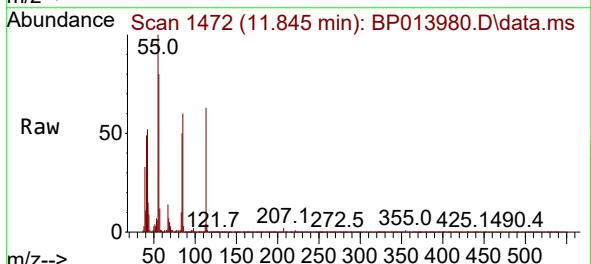
Instrument :
BNA_P
ClientSampleId :
SLCS237

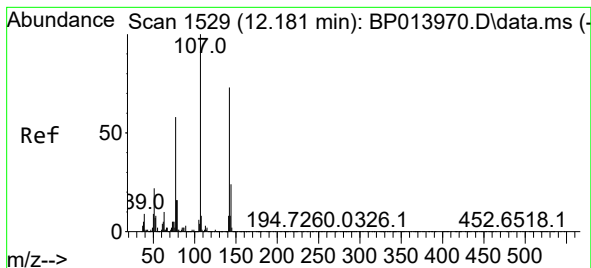
Tgt Ion:225 Resp: 158095
Ion Ratio Lower Upper
225 100
223 63.9 48.0 72.0
227 64.2 50.3 75.5



#34
Caprolactam
Concen: 28.870 ng/ul
RT: 11.845 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:113 Resp: 72102
Ion Ratio Lower Upper
113 100
55 158.5 124.0 186.0
56 126.9 102.0 153.0

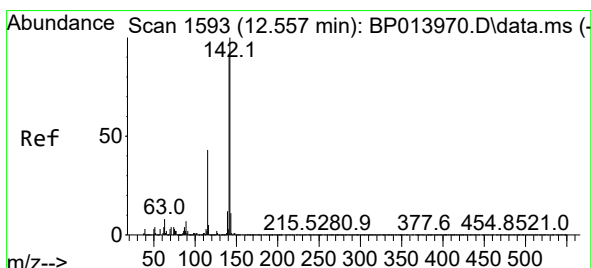
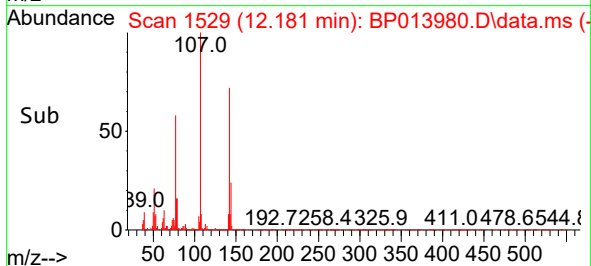
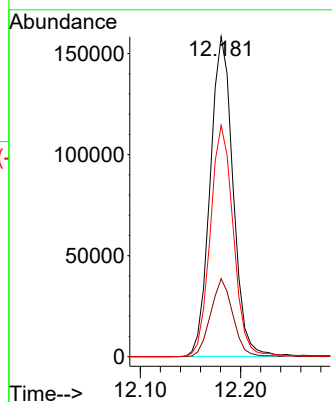
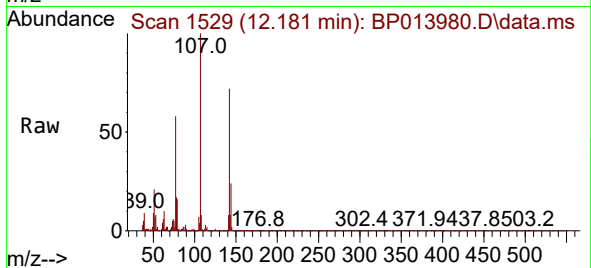




#35
4-Chloro-3-methylphenol
Concen: 28.263 ng/ul
RT: 12.181 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

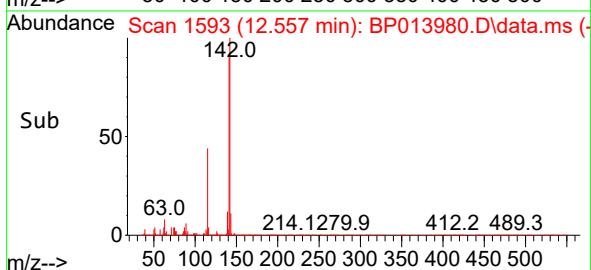
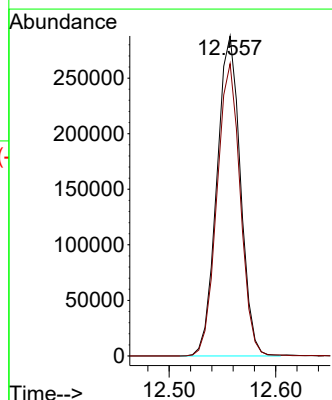
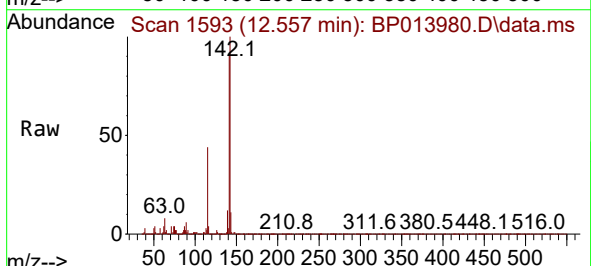
Instrument :
BNA_P
ClientSampleId :
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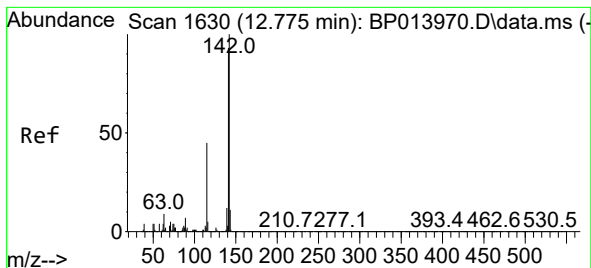
Tgt Ion:107 Resp: 251385
Ion Ratio Lower Upper
107 100
144 24.4 19.4 29.0
142 72.2 59.6 89.4



#36
2-Methylnaphthalene
Concen: 26.447 ng/ul
RT: 12.557 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:142 Resp: 441978
Ion Ratio Lower Upper
142 100
141 91.4 71.7 107.5





#37

1-Methylnaphthalene

Concen: 27.189 ng/ul

RT: 12.775 min Scan# 1630

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

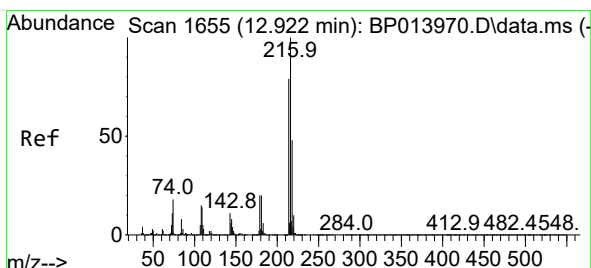
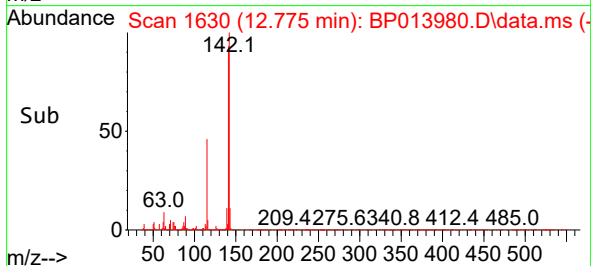
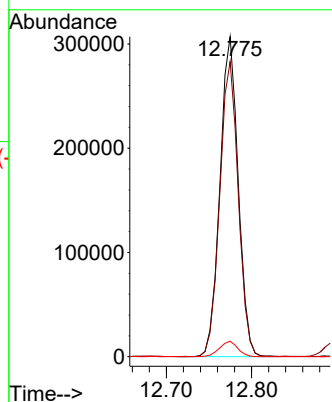
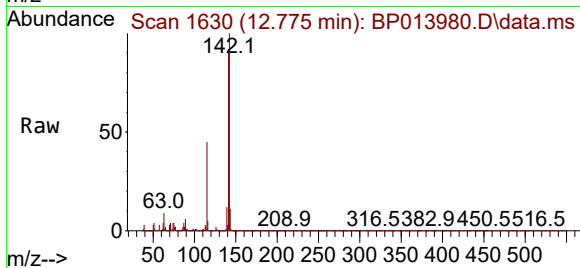
Tgt Ion:142 Resp: 456691

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6

116 4.9 3.7 5.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.912 ng/ul

RT: 12.922 min Scan# 1655

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Tgt Ion:216 Resp: 296150

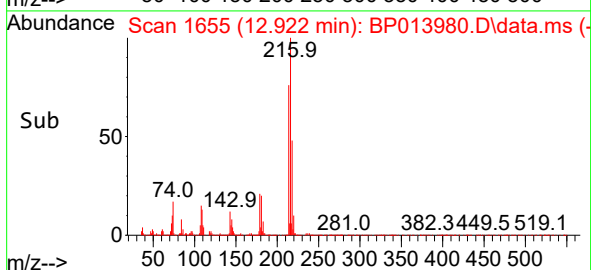
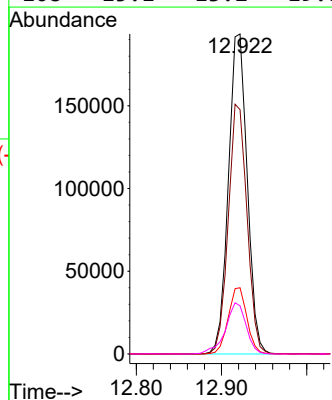
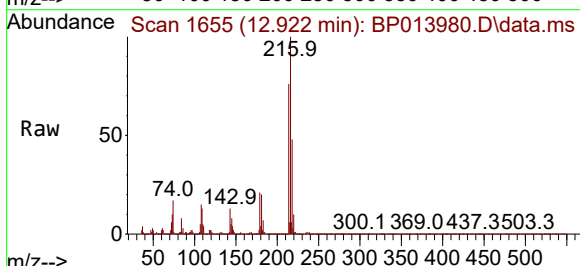
Ion Ratio Lower Upper

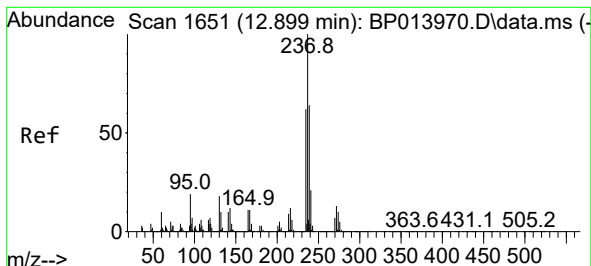
216 100

214 76.4 61.7 92.5

179 20.7 16.2 24.4

108 15.1 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 21.503 ng/ul

RT: 12.898 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

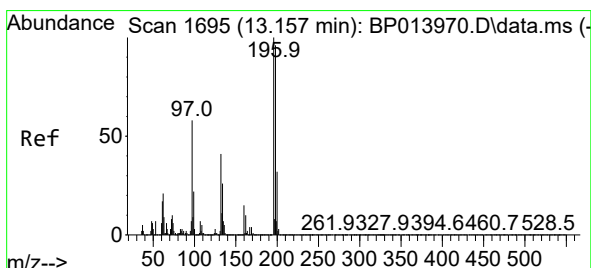
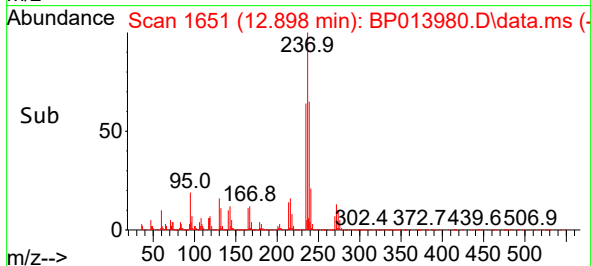
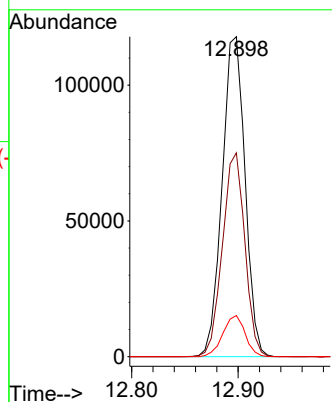
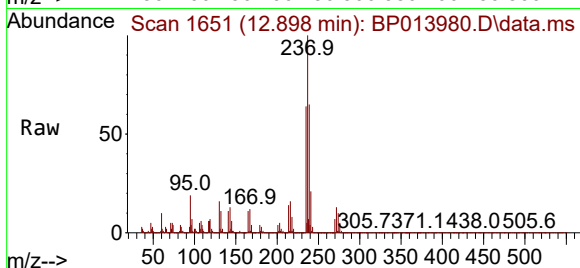
Tgt Ion:237 Resp: 175987

Ion Ratio Lower Upper

237 100

235 63.7 49.0 73.6

272 12.9 9.6 14.4



#41

2,4,6-Trichlorophenol

Concen: 27.511 ng/ul

RT: 13.157 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

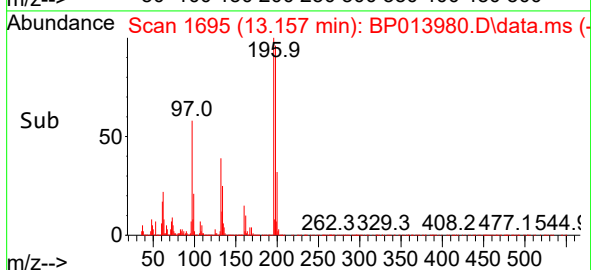
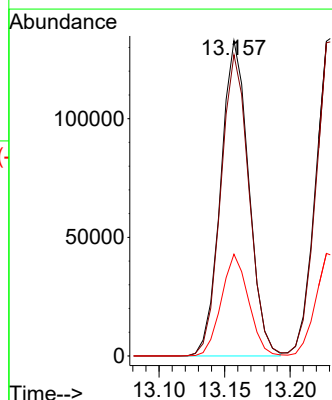
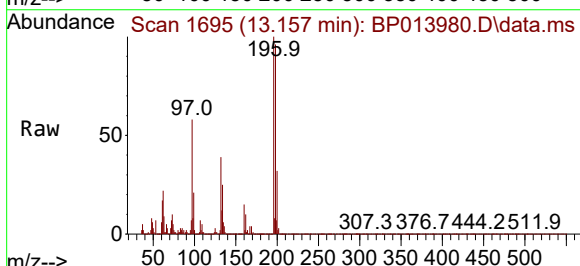
Tgt Ion:196 Resp: 197519

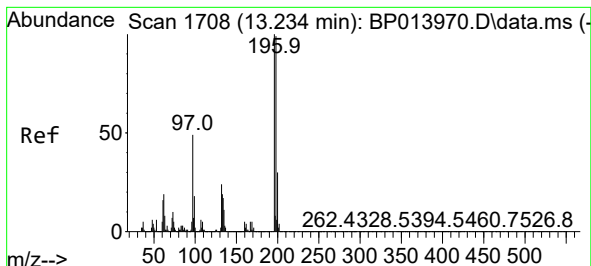
Ion Ratio Lower Upper

196 100

198 95.5 78.5 117.7

200 32.3 25.4 38.0

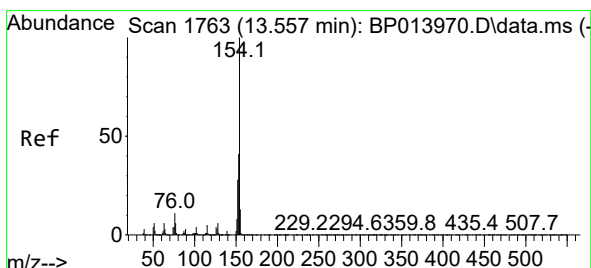
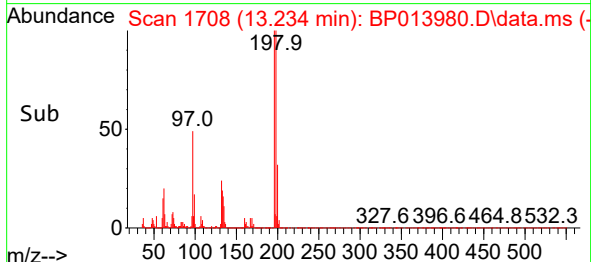
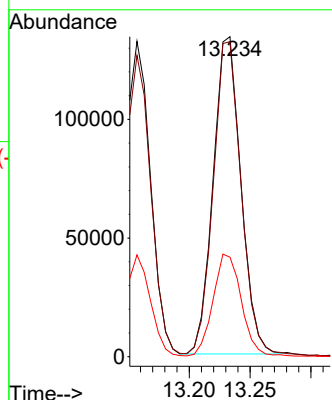
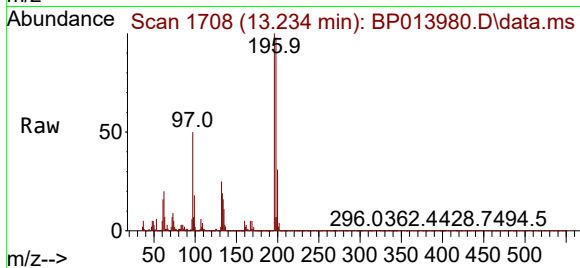




#42
2,4,5-Trichlorophenol
Concen: 26.945 ng/ul
RT: 13.234 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

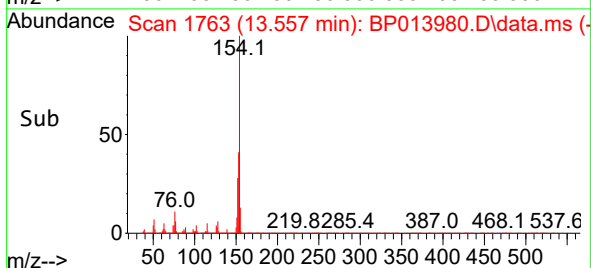
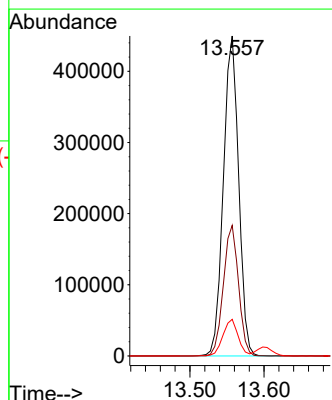
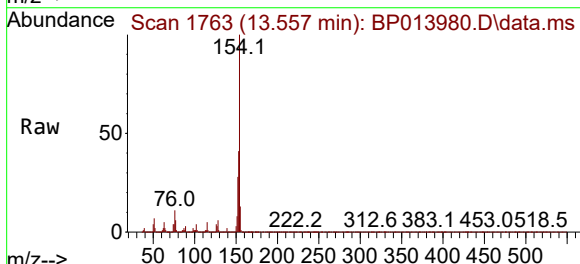
Instrument :
BNA_P
ClientSampleId :
SLCS237

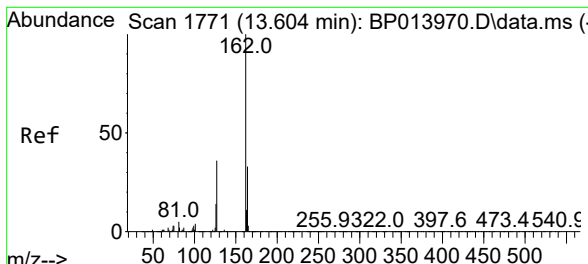
Tgt Ion:196 Resp: 212312
Ion Ratio Lower Upper
196 100
198 98.4 77.6 116.4
200 31.1 25.3 37.9



#43
1,1'-Biphenyl
Concen: 26.425 ng/ul
RT: 13.557 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:154 Resp: 642999
Ion Ratio Lower Upper
154 100
153 40.8 32.6 49.0
76 11.4 9.4 14.0

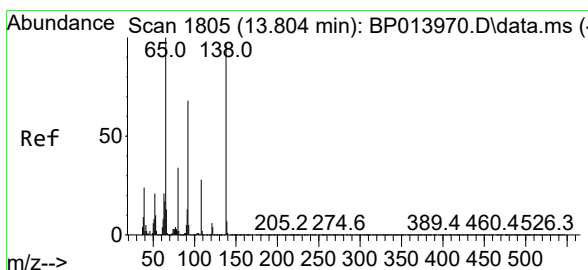
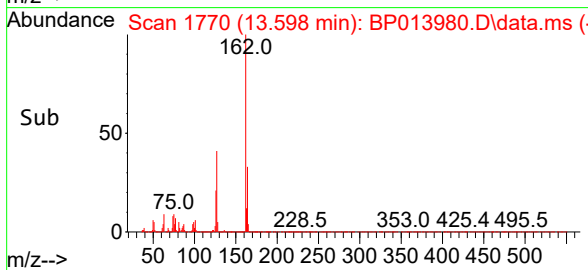
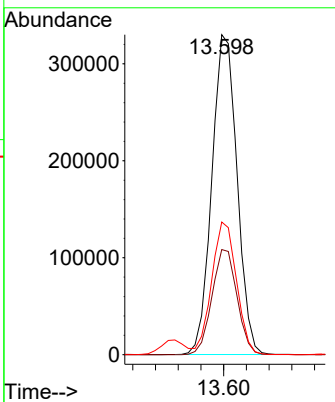
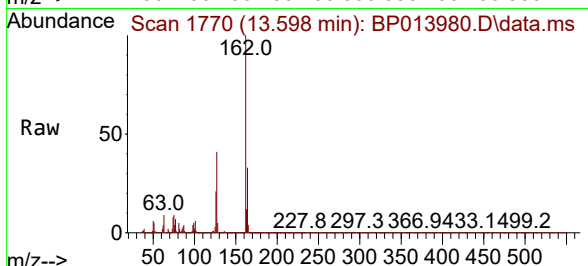




#44
 2-Chloronaphthalene
 Concen: 26.308 ng/ul
 RT: 13.598 min Scan# 1770
 Delta R.T. -0.006 min
 Lab File: BP013980.D
 Acq: 08 Mar 2023 16:36

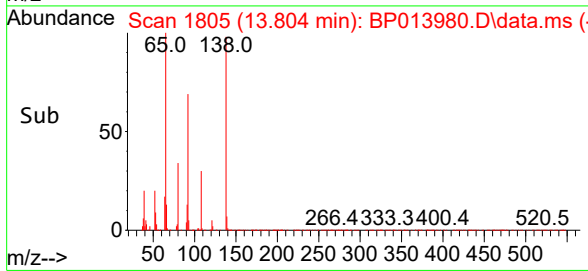
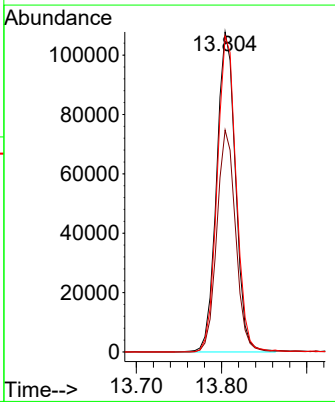
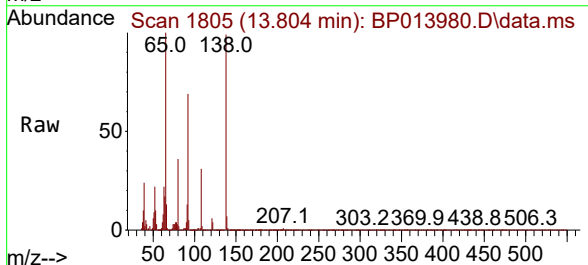
Instrument :
 BNA_P
 ClientSampleId :
 SLCS237

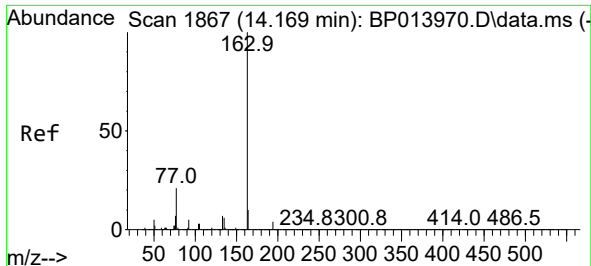
Tgt Ion:	162	Resp:	508431
Ion	Ratio	Lower	Upper
162	100		
164	32.8	26.0	39.0
127	41.4	31.3	46.9



#45
 2-Nitroaniline
 Concen: 29.083 ng/ul
 RT: 13.804 min Scan# 1805
 Delta R.T. -0.000 min
 Lab File: BP013980.D
 Acq: 08 Mar 2023 16:36

Tgt Ion:	65	Resp:	166235
Ion	Ratio	Lower	Upper
65	100		
92	69.3	56.3	84.5
138	98.7	81.4	122.2





#47

Dimethylphthalate

Concen: 27.505 ng/ul

RT: 14.169 min Scan# 1867

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

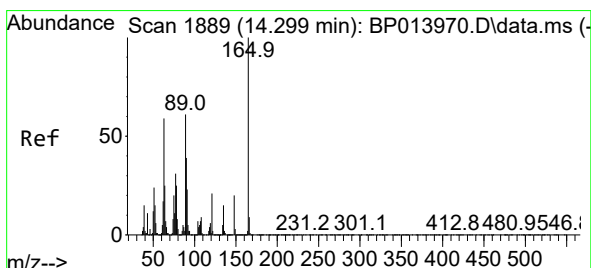
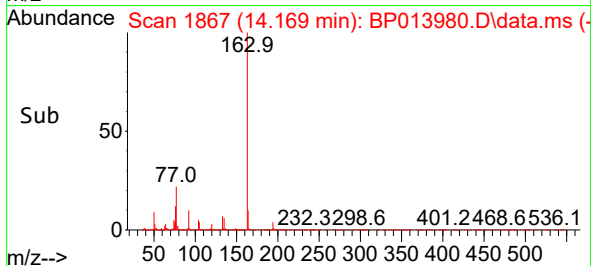
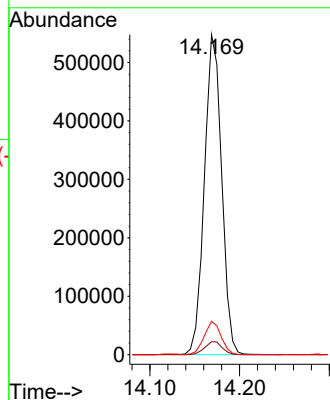
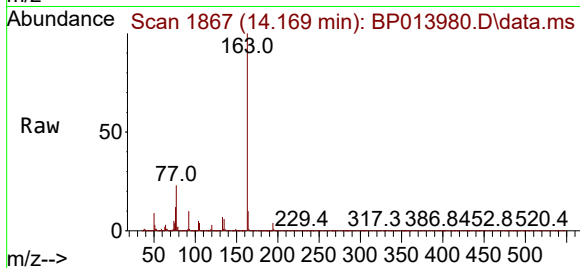
Tgt Ion:163 Resp: 730261

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

164 10.4 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 27.827 ng/ul

RT: 14.298 min Scan# 1889

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

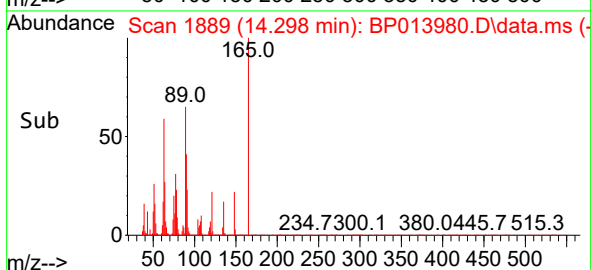
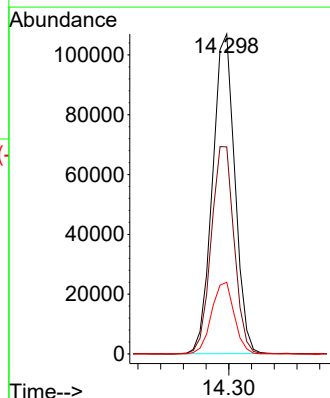
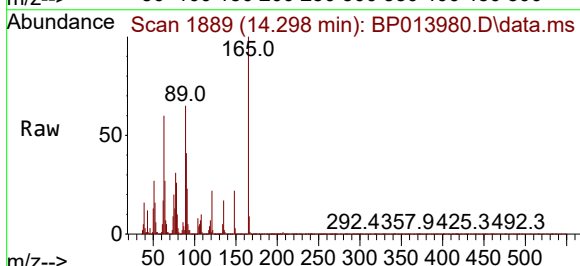
Tgt Ion:165 Resp: 146067

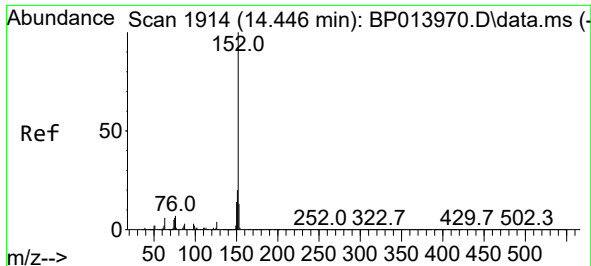
Ion Ratio Lower Upper

165 100

89 64.7 51.7 77.5

121 22.4 17.5 26.3

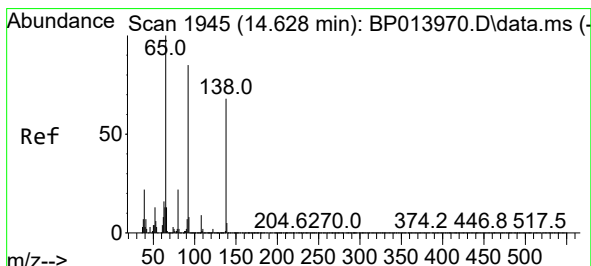
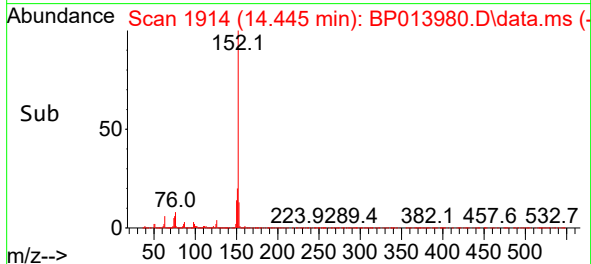
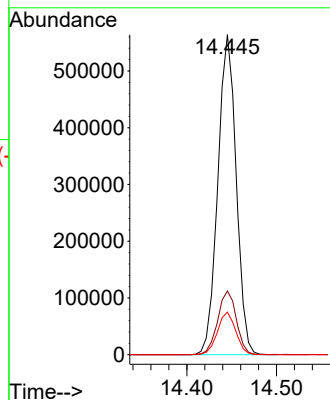
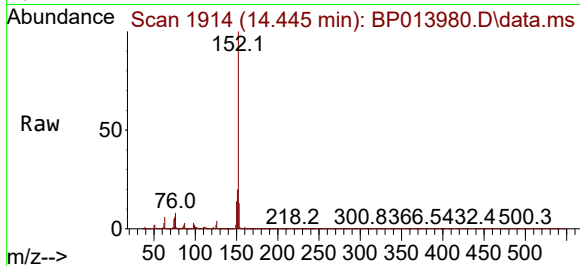




#50
Acenaphthylene
Concen: 26.853 ng/ul
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

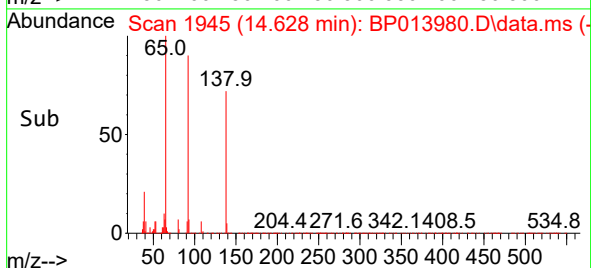
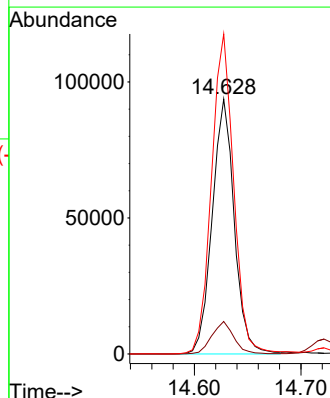
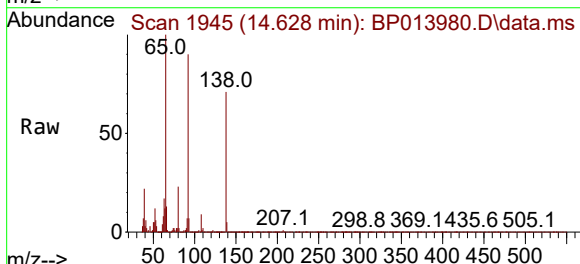
Instrument :
BNA_P
ClientSampleId :
SLCS237

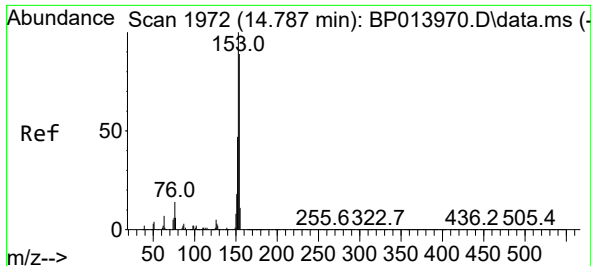
Tgt Ion:152 Resp: 800743
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.3 10.4 15.6



#51
3-Nitroaniline
Concen: 28.968 ng/ul
RT: 14.628 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:138 Resp: 134632
Ion Ratio Lower Upper
138 100
108 12.7 10.5 15.7
92 125.6 98.5 147.7

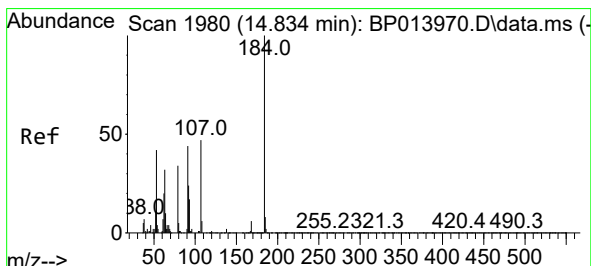
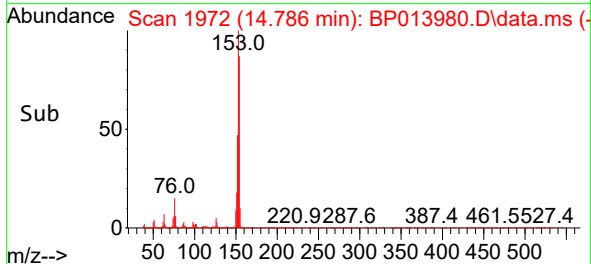
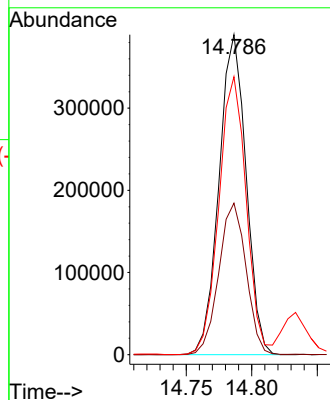
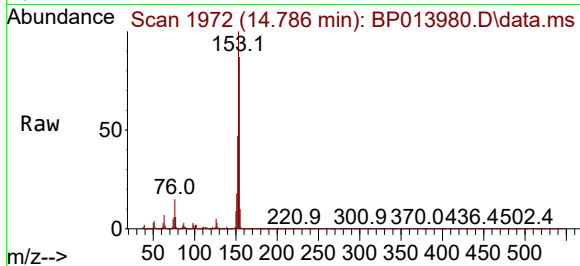




#52
Acenaphthene
Concen: 26.798 ng/ul
RT: 14.786 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

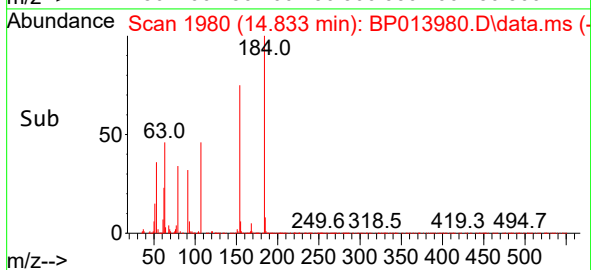
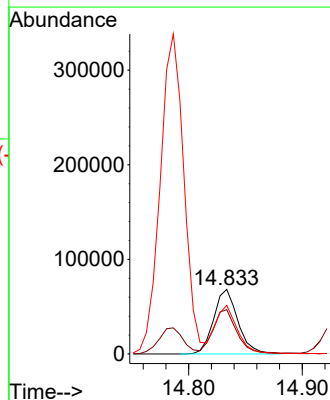
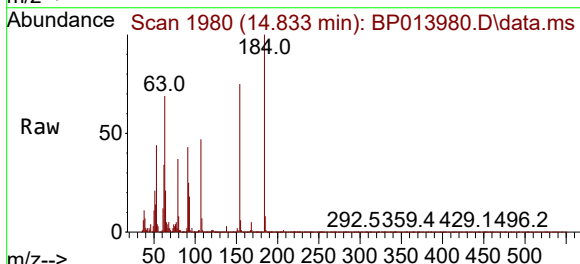
Instrument :
BNA_P
ClientSampleId :
SLCS237

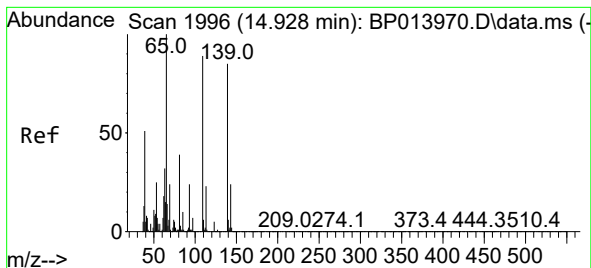
Tgt Ion:153 Resp: 558640
Ion Ratio Lower Upper
153 100
152 47.3 37.7 56.5
154 86.9 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 25.866 ng/ul
RT: 14.833 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:184 Resp: 101391
Ion Ratio Lower Upper
184 100
63 68.7 51.9 77.9
154 75.3 58.8 88.2

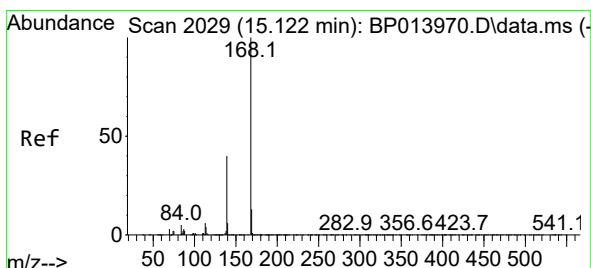
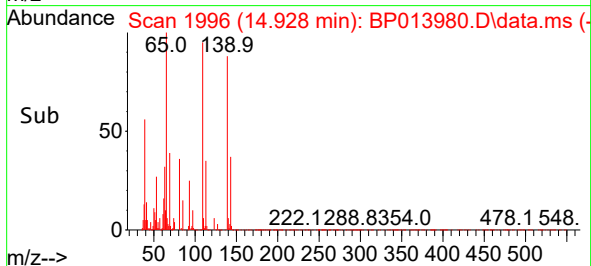
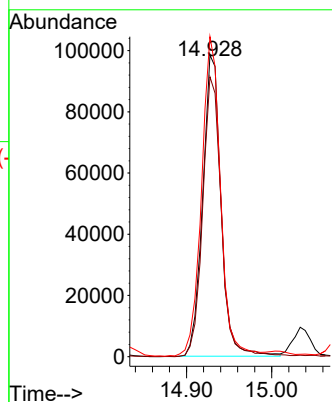
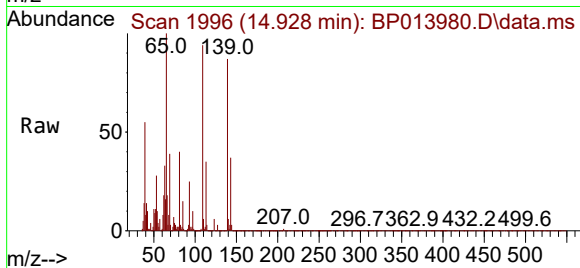




#55
4-Nitrophenol
Concen: 28.854 ng/ul
RT: 14.928 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

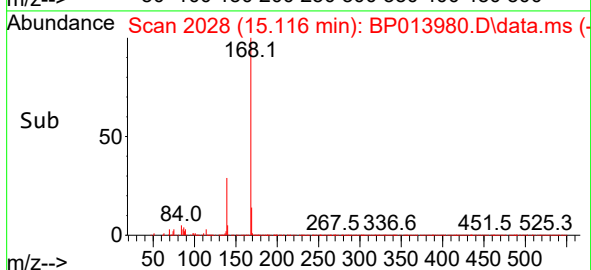
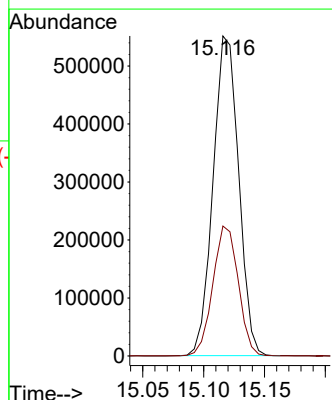
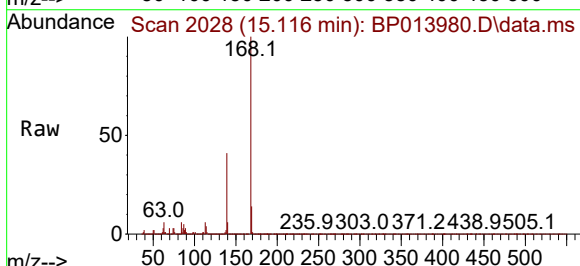
Instrument :
BNA_P
ClientSampleId :
SLCS237

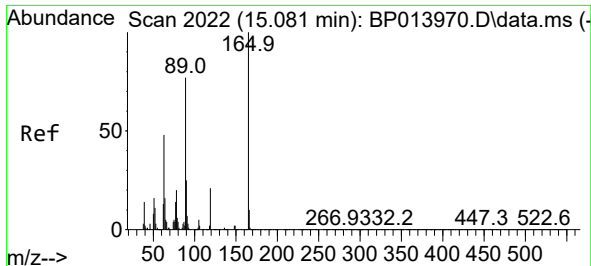
Tgt Ion:109 Resp: 147324
Ion Ratio Lower Upper
109 100
139 92.8 74.5 111.7
65 106.1 86.6 130.0



#56
Dibenzofuran
Concen: 26.587 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:168 Resp: 806301
Ion Ratio Lower Upper
168 100
139 40.6 31.8 47.6





#57

2,4-Dinitrotoluene

Concen: 28.752 ng/ul

RT: 15.080 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

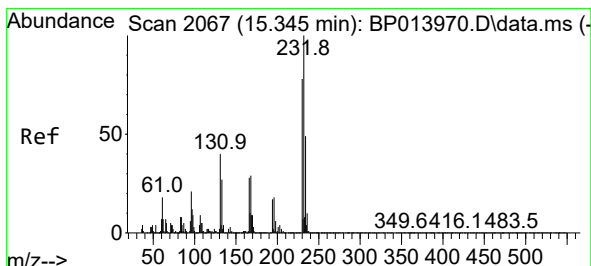
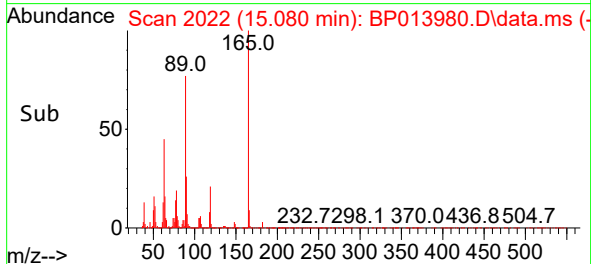
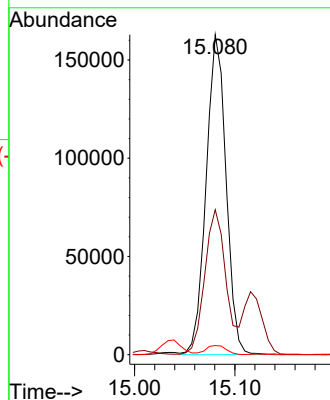
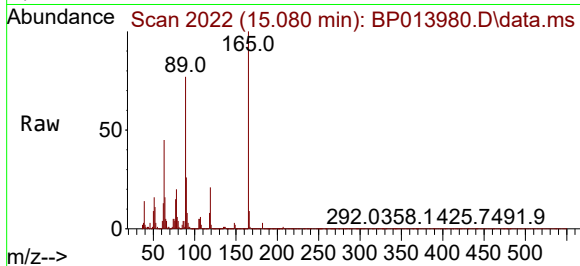
Tgt Ion:165 Resp: 225485

Ion Ratio Lower Upper

165 100

63 45.3 34.6 52.0

182 2.8 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.466 ng/ul

RT: 15.345 min Scan# 2067

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Tgt Ion:232 Resp: 214584

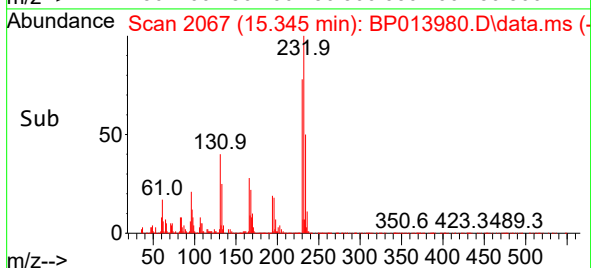
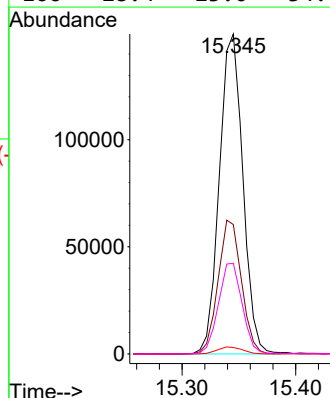
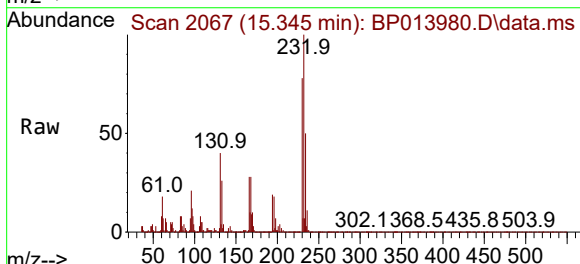
Ion Ratio Lower Upper

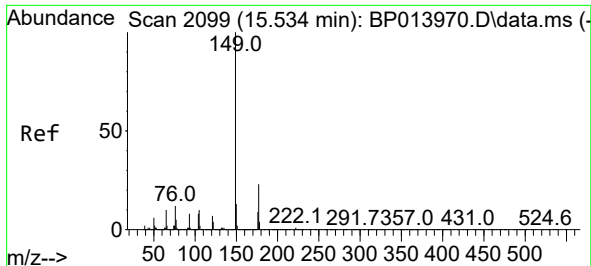
232 100

131 40.5 34.1 51.1

130 2.0 2.1 3.1#

166 28.4 23.0 34.6

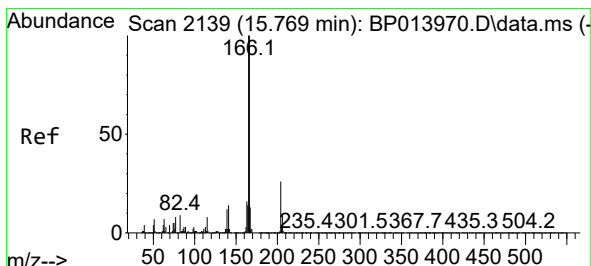
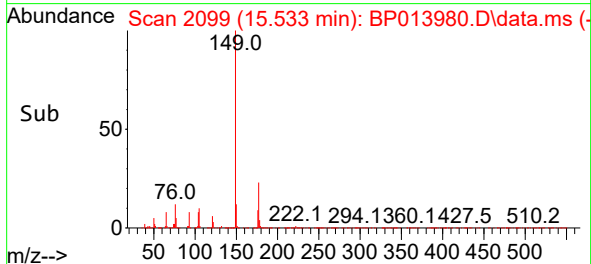
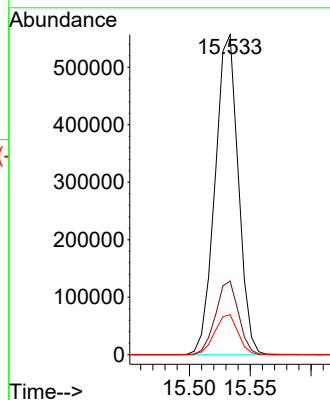
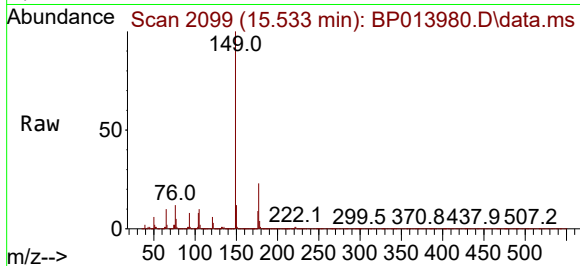




#59
Diethylphthalate
Concen: 27.450 ng/ul
RT: 15.533 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

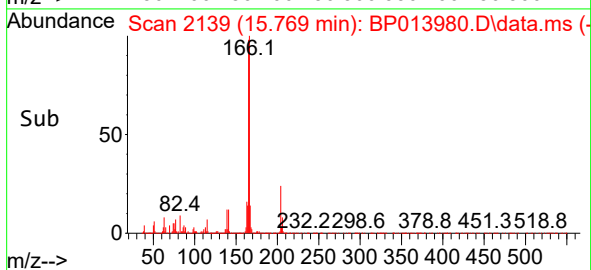
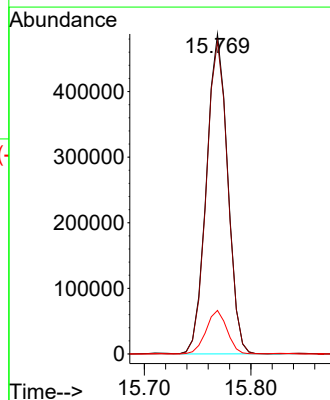
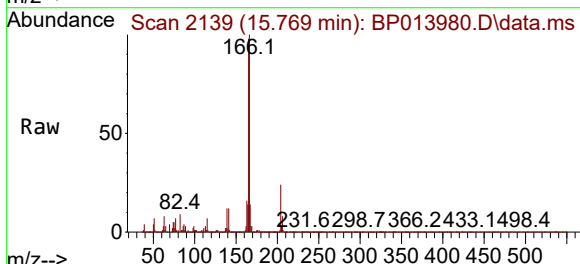
Instrument :
BNA_P
ClientSampleId :
SLCS237

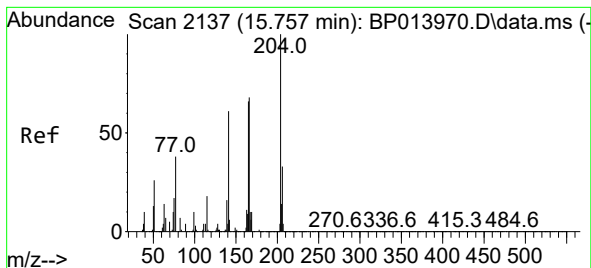
Tgt Ion:149 Resp: 739191
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.5 10.0 15.0



#61
Fluorene
Concen: 26.815 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:166 Resp: 674107
Ion Ratio Lower Upper
166 100
165 97.7 78.9 118.3
167 13.6 11.0 16.6

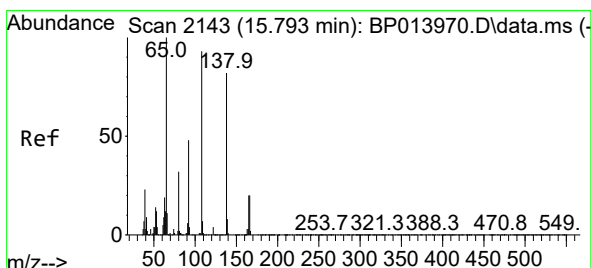
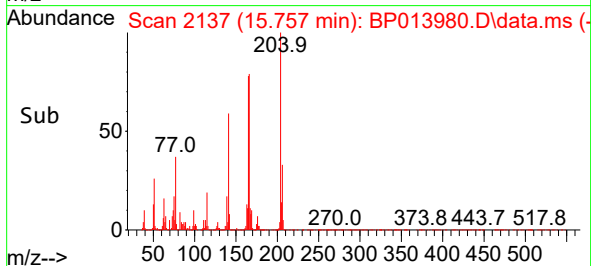
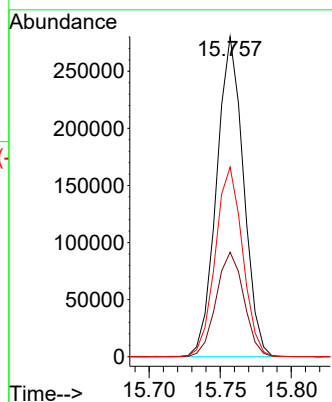
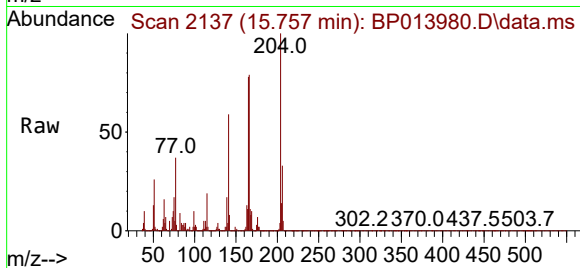




#62
4-Chlorophenyl-phenylether
Concen: 26.553 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

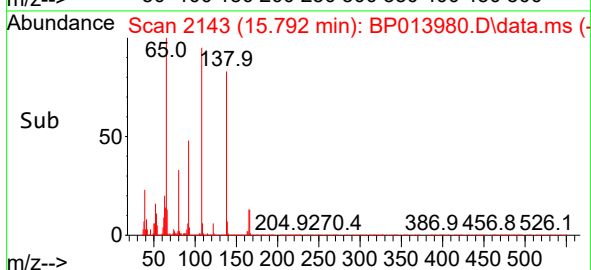
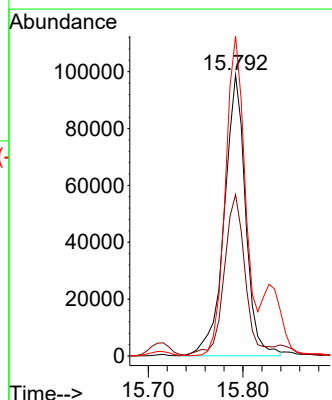
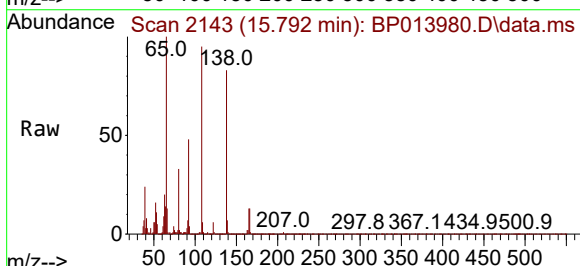
Instrument :
BNA_P
ClientSampleId :
SLCS237

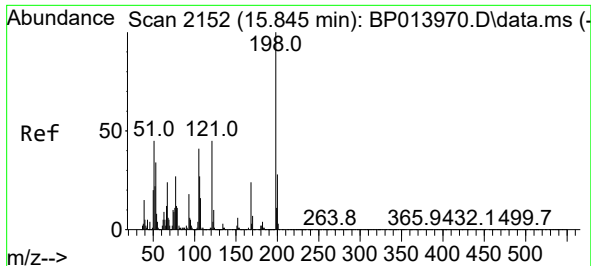
Tgt Ion:204 Resp: 368432
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 59.2 49.2 73.8



#63
4-Nitroaniline
Concen: 32.294 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:138 Resp: 154278
Ion Ratio Lower Upper
138 100
92 57.4 44.5 66.7
108 113.8 87.2 130.8

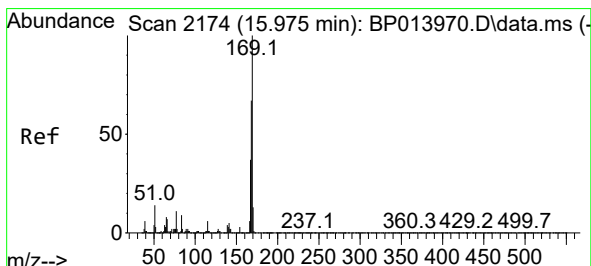
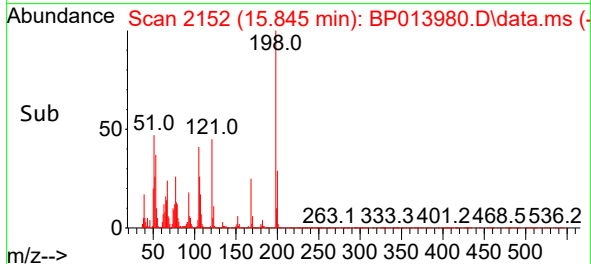
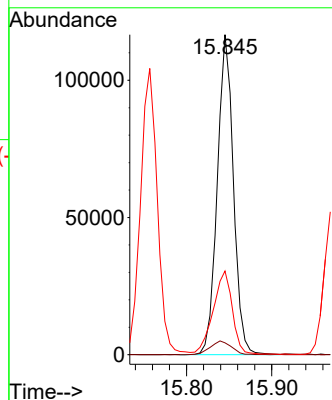
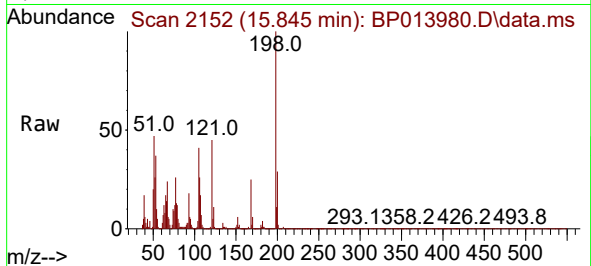




#66
4,6-Dinitro-2-methylphenol
Concen: 27.217 ng/ul
RT: 15.845 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

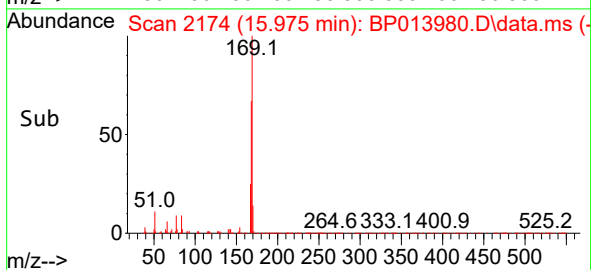
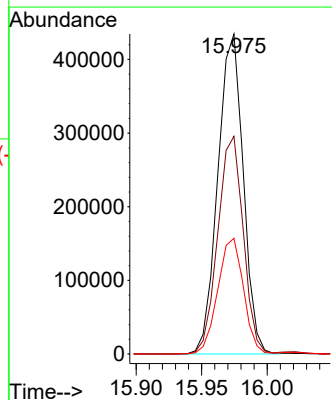
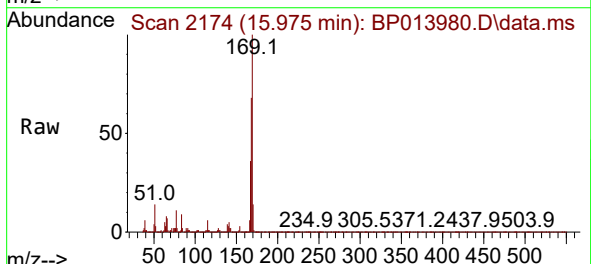
Instrument :
BNA_P
ClientSampleId :
SLCS237

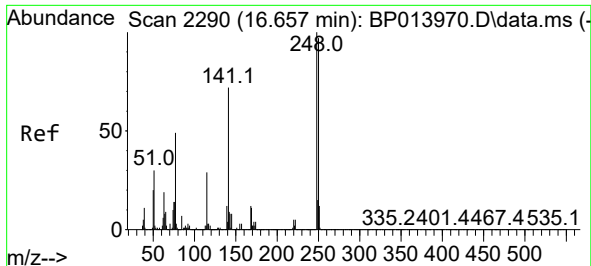
Tgt Ion:198 Resp: 153601
Ion Ratio Lower Upper
198 100
182 3.7 3.0 4.6
77 26.2 20.3 30.5



#67
N-Nitrosodiphenylamine
Concen: 26.472 ng/ul
RT: 15.975 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:169 Resp: 585157
Ion Ratio Lower Upper
169 100
168 68.0 53.7 80.5
167 36.1 28.6 43.0

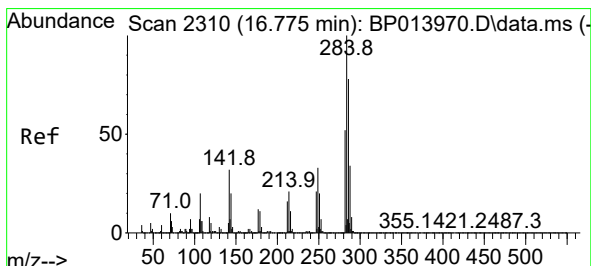
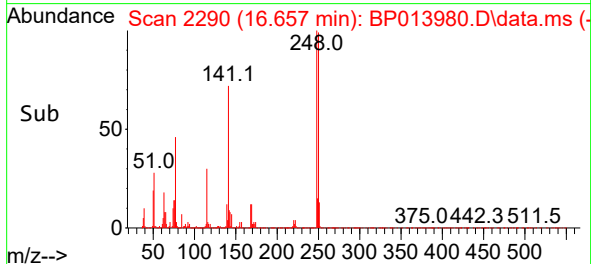
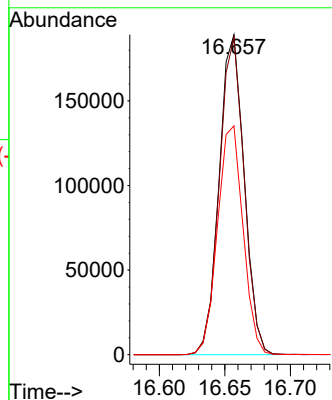
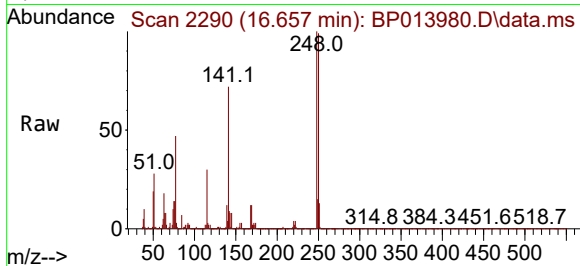




#68
4-Bromophenyl-phenylether
Concen: 26.563 ng/ul
RT: 16.657 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

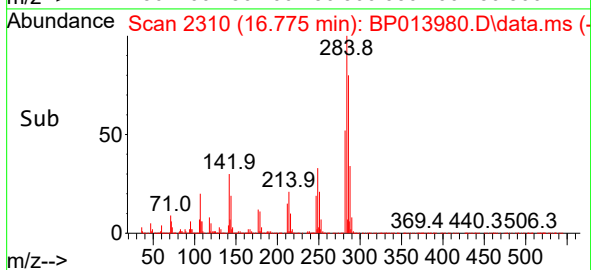
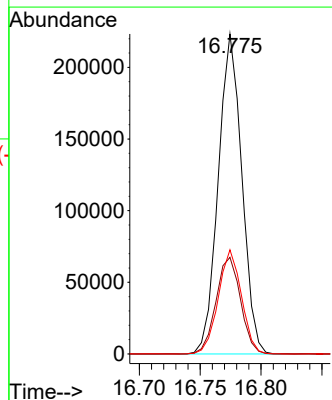
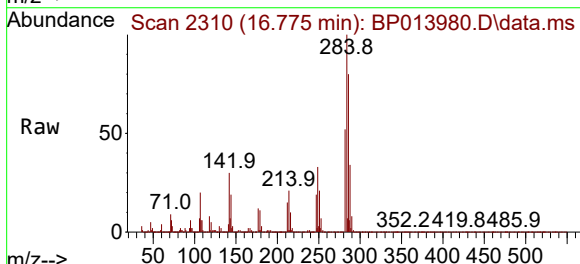
Instrument :
BNA_P
ClientSampleId :
SLCS237

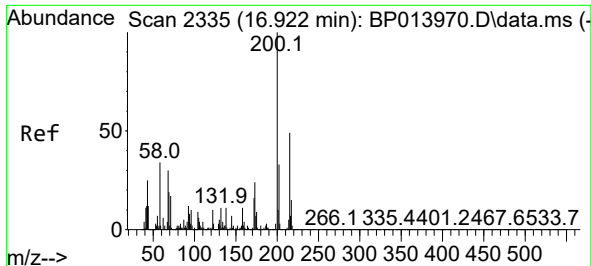
Tgt Ion:248 Resp: 251333
Ion Ratio Lower Upper
248 100
250 99.2 78.8 118.2
141 71.5 60.8 91.2



#69
Hexachlorobenzene
Concen: 27.001 ng/ul
RT: 16.775 min Scan# 2310
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:284 Resp: 301051
Ion Ratio Lower Upper
284 100
142 30.2 23.2 34.8
249 32.6 25.7 38.5

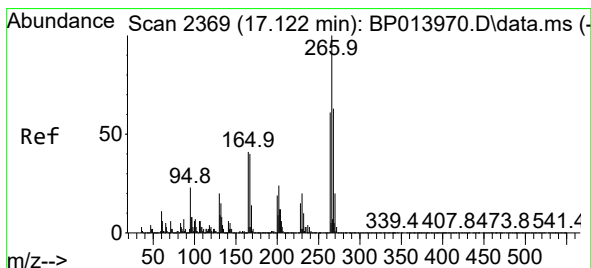
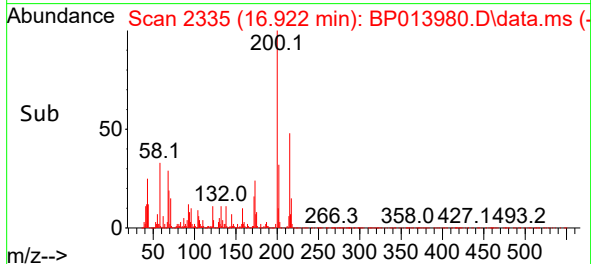
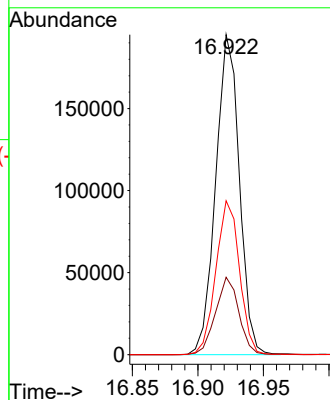
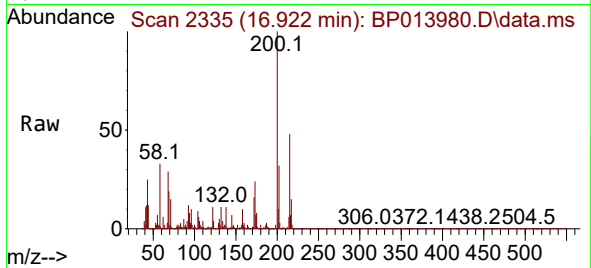




#70
Atrazine
Concen: 25.619 ng/ul
RT: 16.922 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

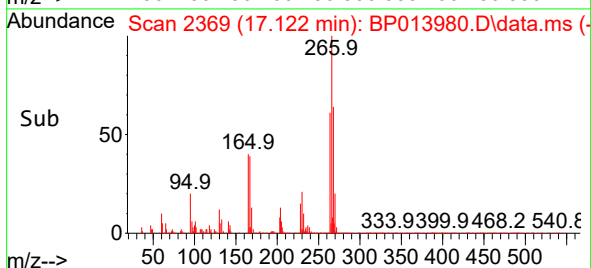
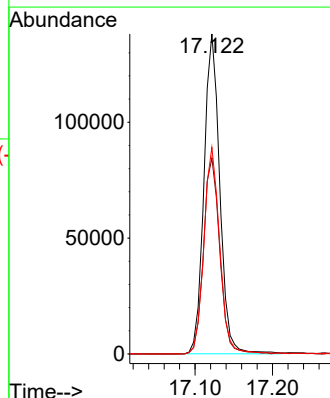
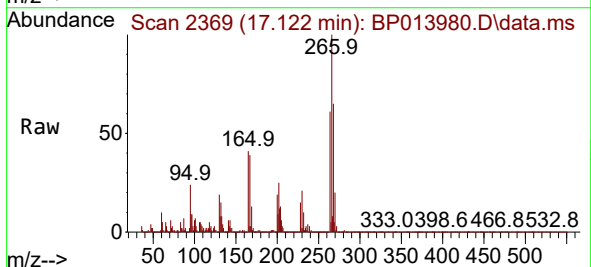
Instrument :
BNA_P
ClientSampleId :
SLCS237

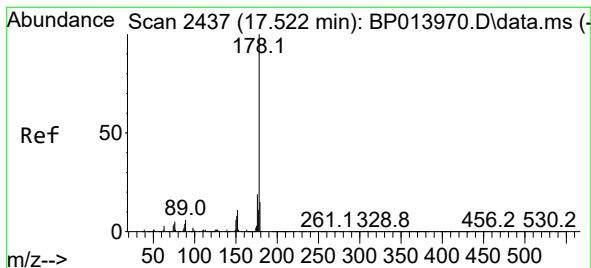
Tgt Ion:200 Resp: 244248
Ion Ratio Lower Upper
200 100
173 24.2 19.0 28.4
215 48.1 38.5 57.7



#71
Pentachlorophenol
Concen: 26.855 ng/ul
RT: 17.122 min Scan# 2369
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:266 Resp: 195724
Ion Ratio Lower Upper
266 100
264 61.2 48.4 72.6
268 64.5 50.4 75.6





#72

Phenanthrene

Concen: 26.759 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

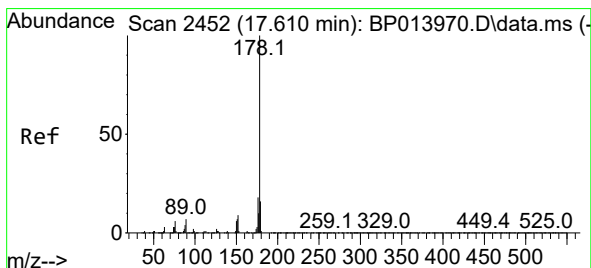
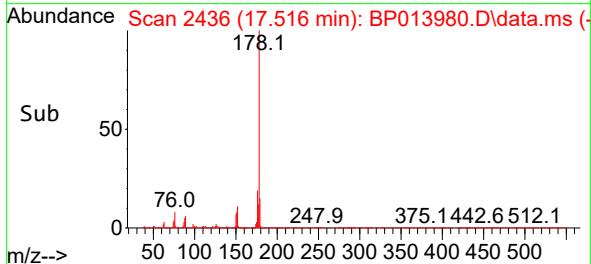
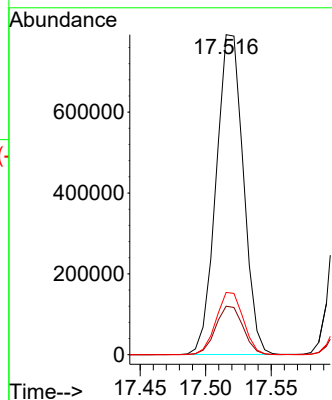
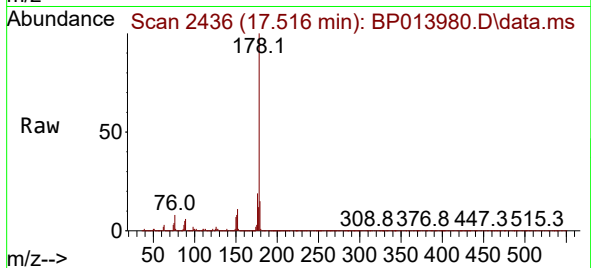
Tgt Ion:178 Resp: 1142279

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 19.4 15.4 23.0



#74

Anthracene

Concen: 26.659 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

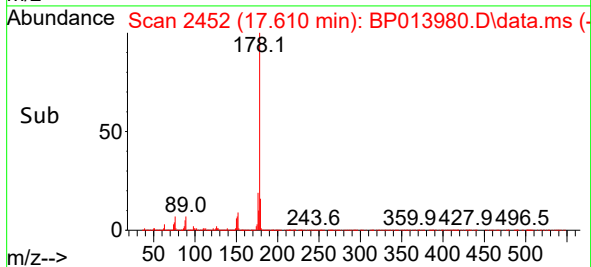
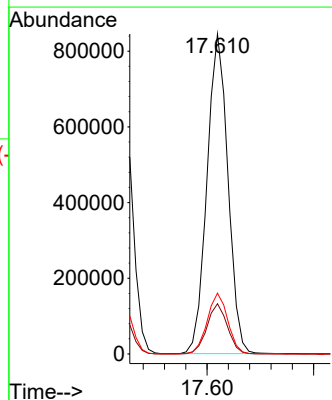
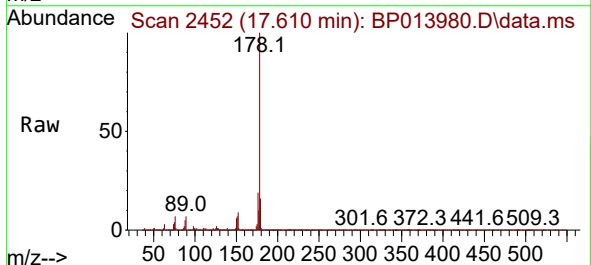
Tgt Ion:178 Resp: 1153895

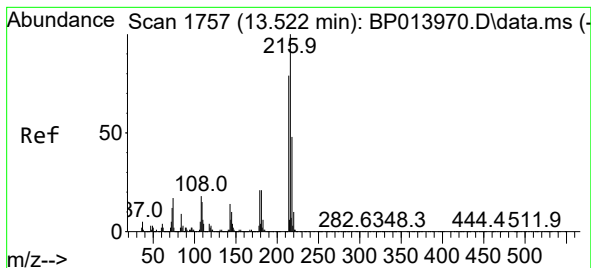
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 19.0 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.236 ng/uL

RT: 13.522 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

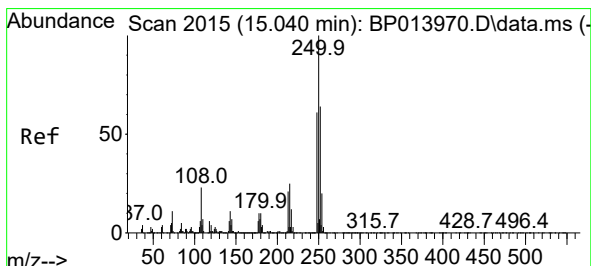
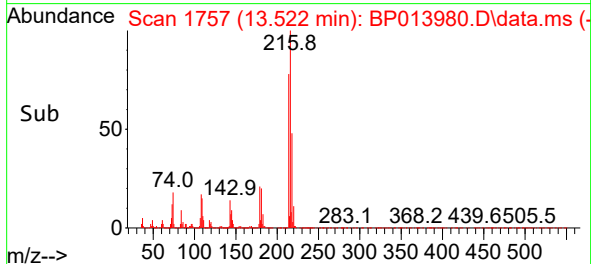
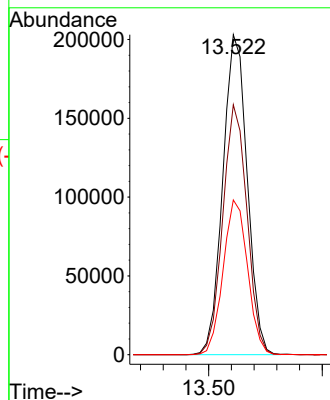
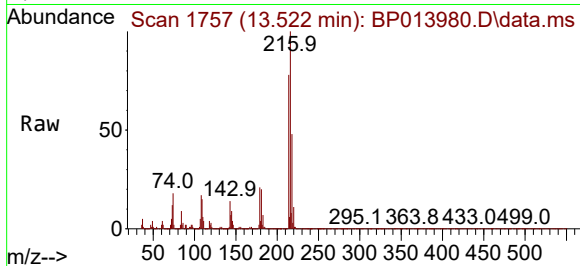
Tgt Ion:216 Resp: 303128

Ion Ratio Lower Upper

216 100

214 78.1 61.4 92.2

218 48.4 39.1 58.7



#76

Pentachlorobenzene

Concen: 25.978 ng/uL

RT: 15.039 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

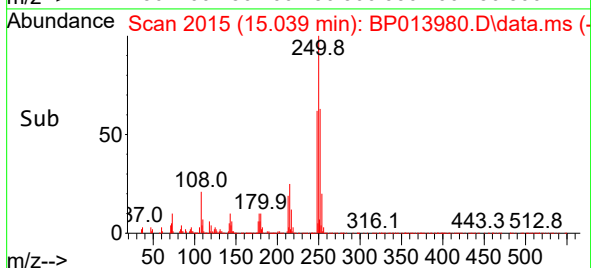
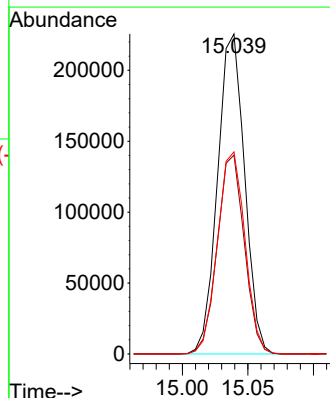
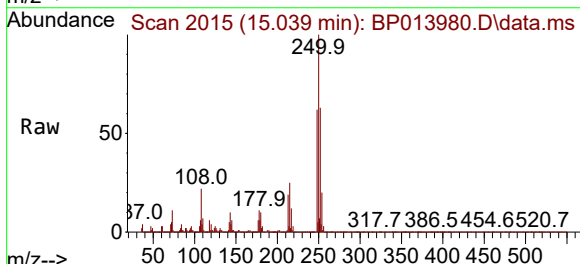
Tgt Ion:250 Resp: 324140

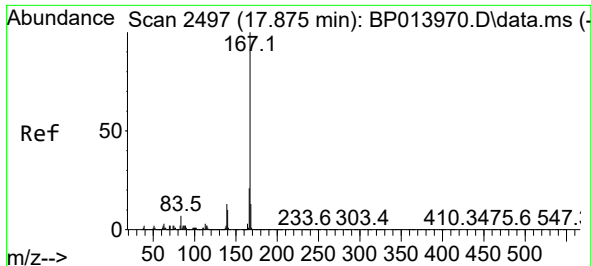
Ion Ratio Lower Upper

250 100

248 62.2 51.0 76.4

252 63.1 50.8 76.2

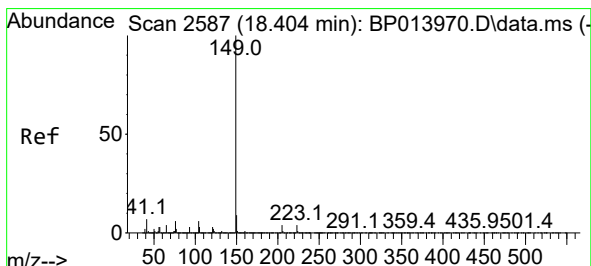
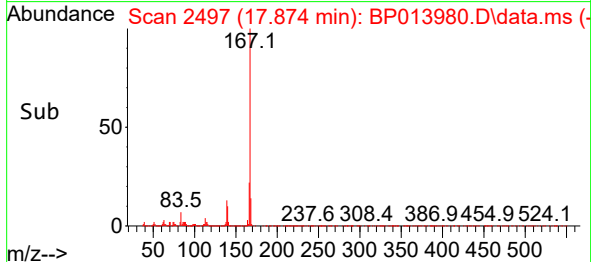
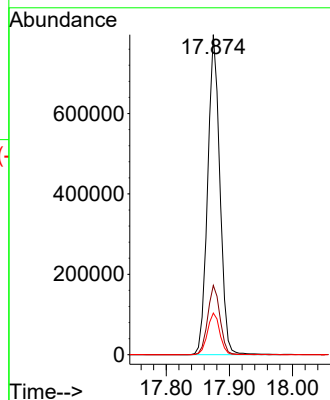
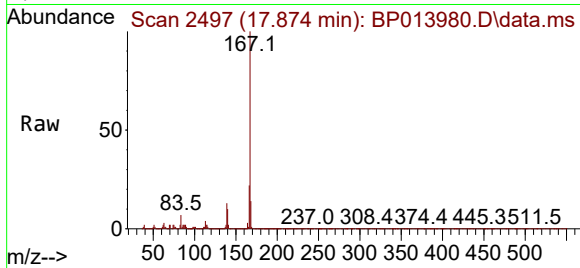




#77
 Carbazole
 Concen: 28.009 ng/ul
 RT: 17.874 min Scan# 2497
 Delta R.T. -0.000 min
 Lab File: BP013980.D
 Acq: 08 Mar 2023 16:36

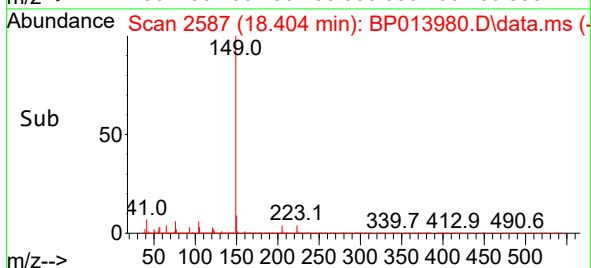
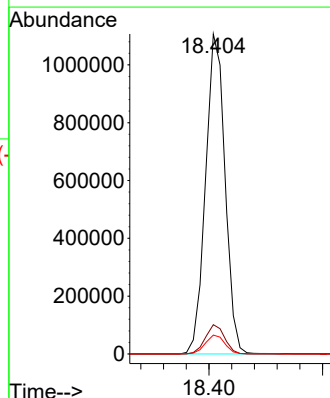
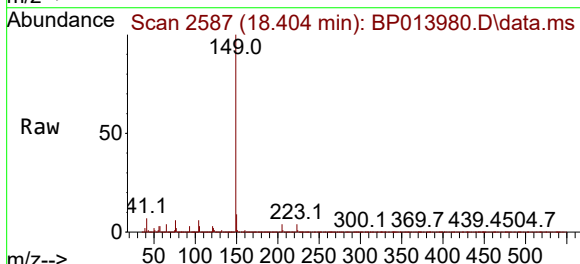
Instrument :
 BNA_P
 ClientSampleId :
 SLCS237

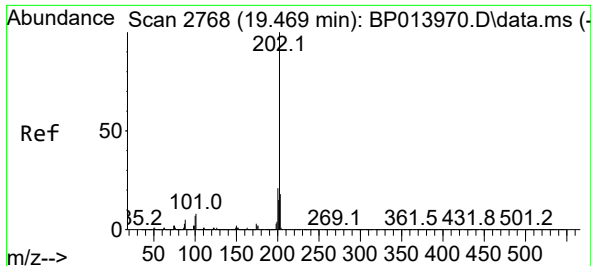
Tgt Ion:167 Resp: 1069335
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.0 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 27.561 ng/ul
 RT: 18.404 min Scan# 2587
 Delta R.T. -0.000 min
 Lab File: BP013980.D
 Acq: 08 Mar 2023 16:36

Tgt Ion:149 Resp: 1315084
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.9 4.6 6.8

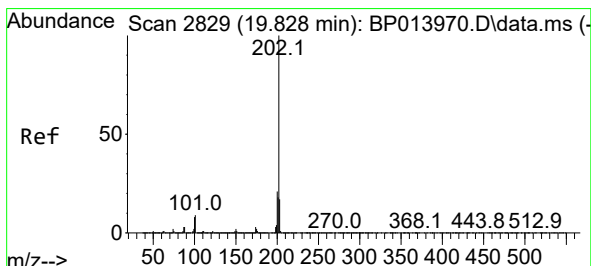
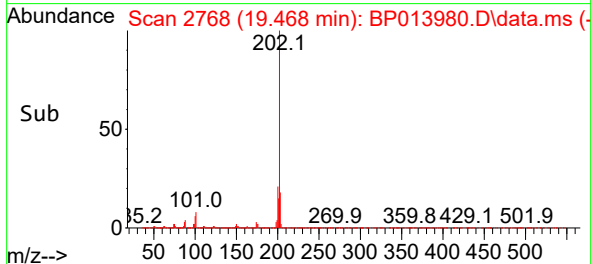
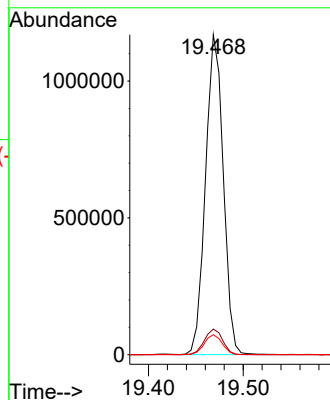
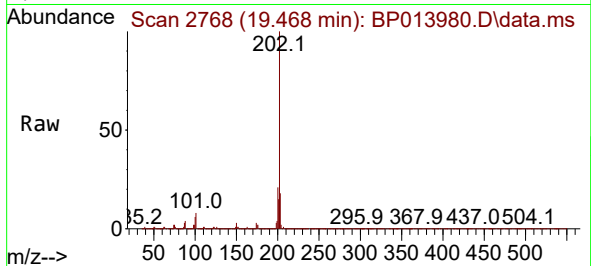




#80
Fluoranthene
Concen: 26.640 ng/ul
RT: 19.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

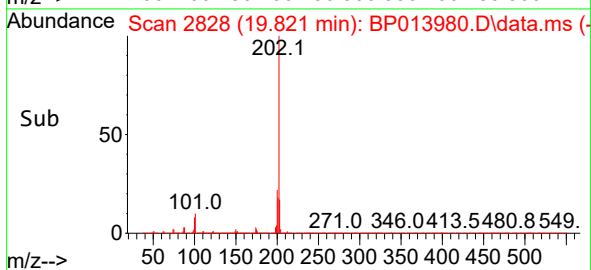
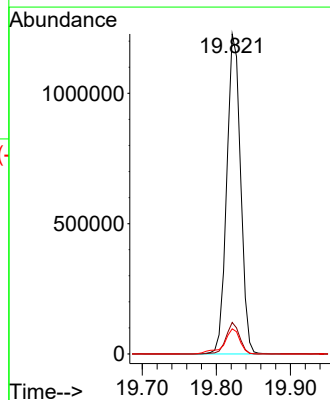
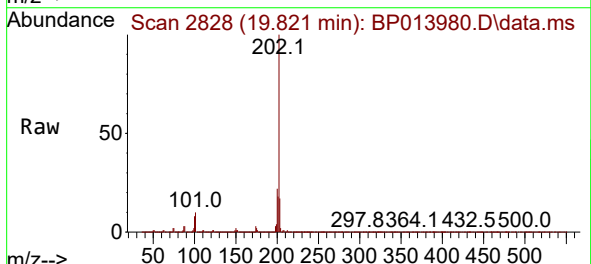
Instrument :
BNA_P
ClientSampleId :
SLCS237

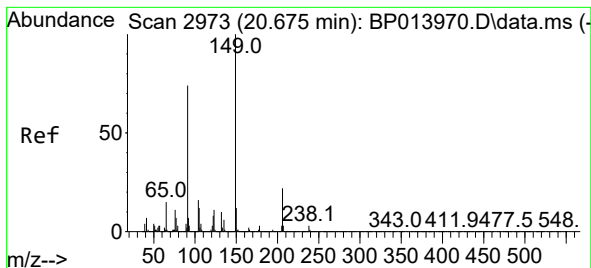
Tgt Ion:202 Resp: 1518306
Ion Ratio Lower Upper
202 100
101 8.0 6.6 10.0
100 6.3 5.0 7.4



#82
Pyrene
Concen: 26.749 ng/ul
RT: 19.821 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:202 Resp: 1590379
Ion Ratio Lower Upper
202 100
101 9.8 7.8 11.8
100 7.9 6.5 9.7





#83

Butylbenzylphthalate

Concen: 27.162 ng/ul

RT: 20.674 min Scan# 2973

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

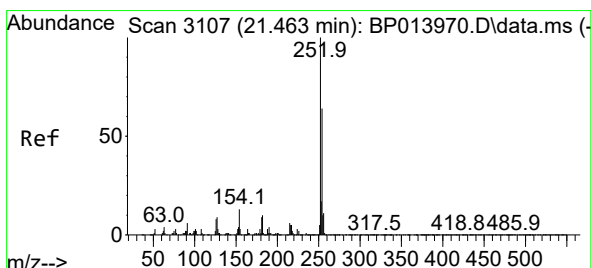
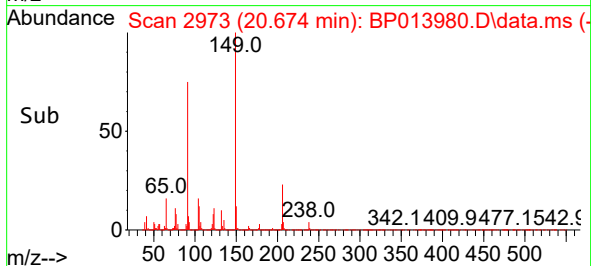
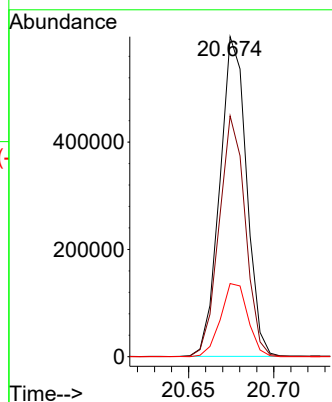
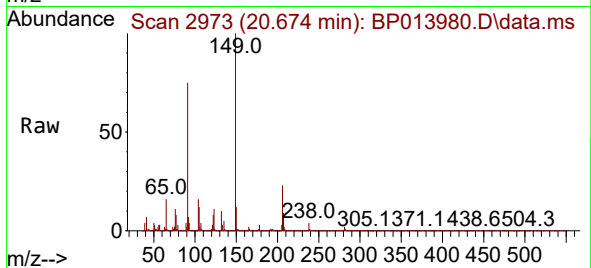
Tgt Ion:149 Resp: 651148

Ion Ratio Lower Upper

149 100

91 75.3 57.9 86.9

206 22.8 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 25.363 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

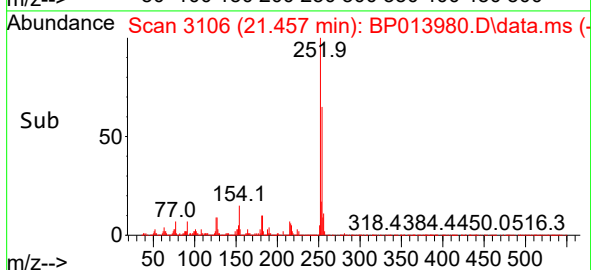
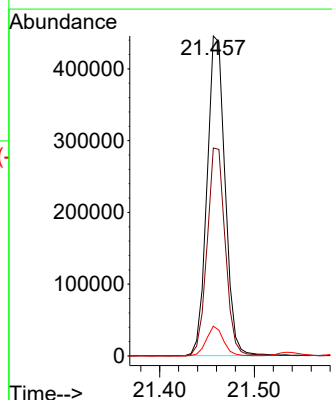
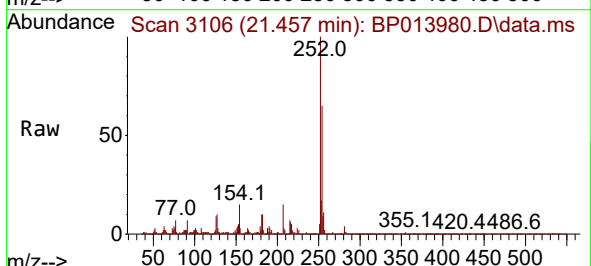
Tgt Ion:252 Resp: 588637

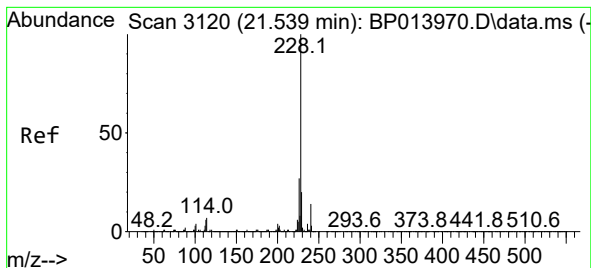
Ion Ratio Lower Upper

252 100

254 65.0 51.3 76.9

126 9.3 6.9 10.3





#85

Benzo(a)anthracene

Concen: 27.168 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

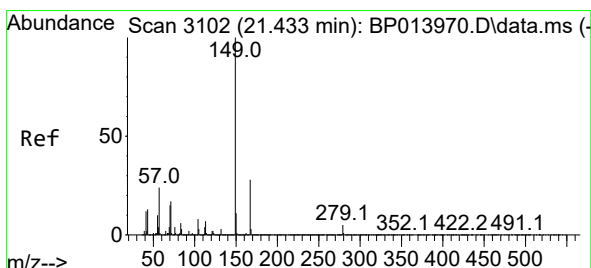
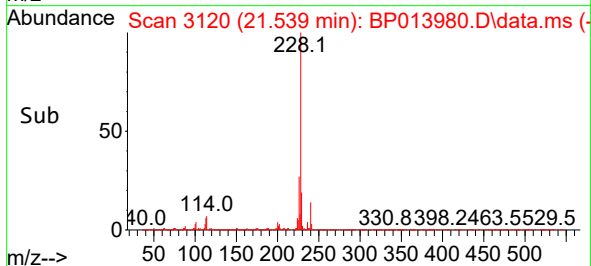
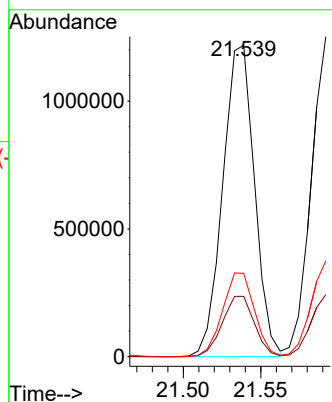
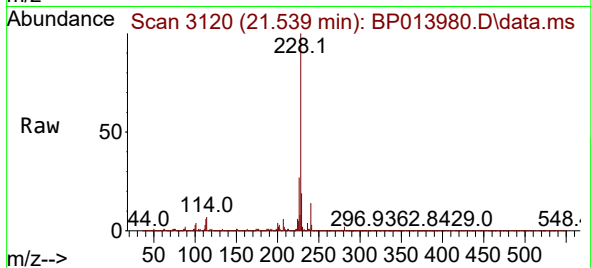
Tgt Ion:228 Resp: 1732441

Ion Ratio Lower Upper

228 100

229 19.4 15.5 23.3

226 26.8 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.039 ng/ul

RT: 21.433 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

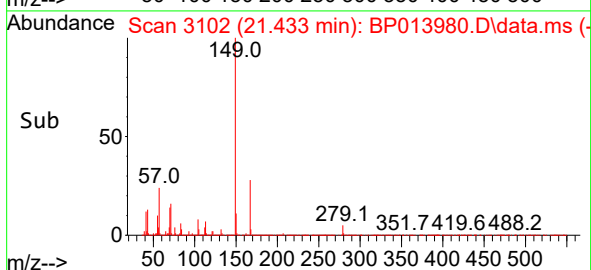
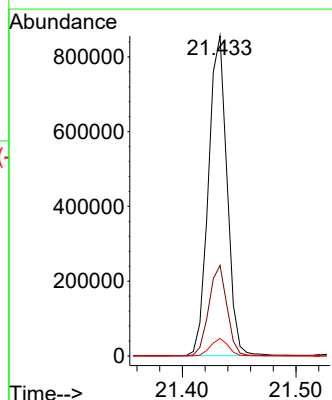
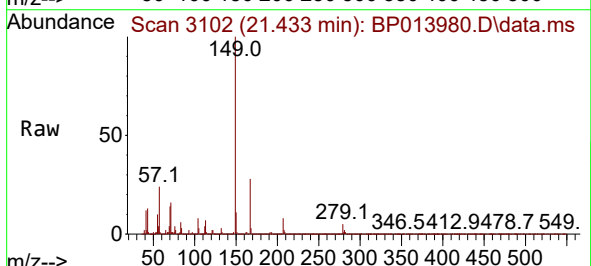
Tgt Ion:149 Resp: 969118

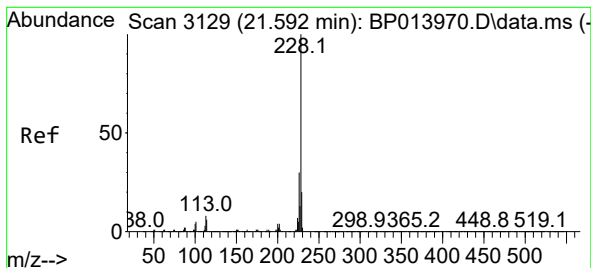
Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

279 5.5 4.3 6.5





#87

Chrysene

Concen: 27.166 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

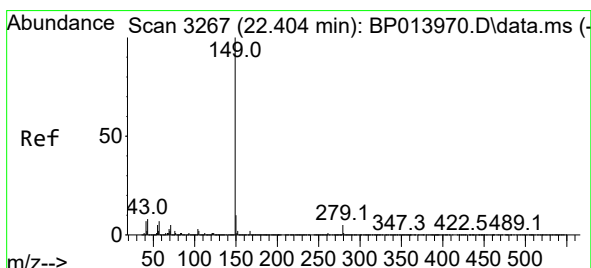
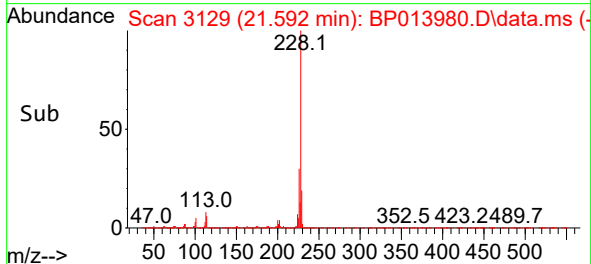
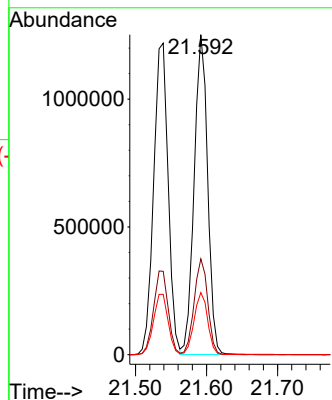
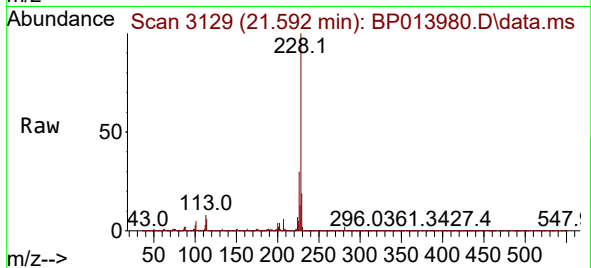
Tgt Ion:228 Resp: 1650959

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.4 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 26.143 ng/ul

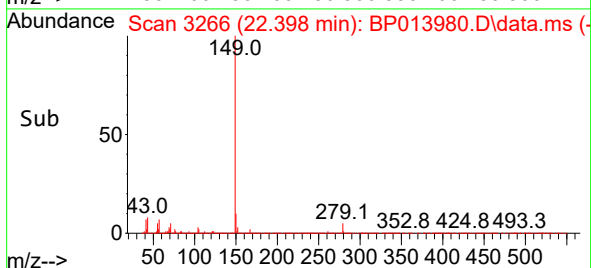
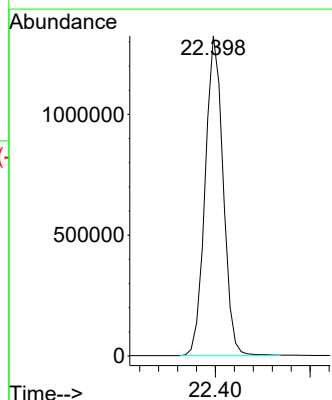
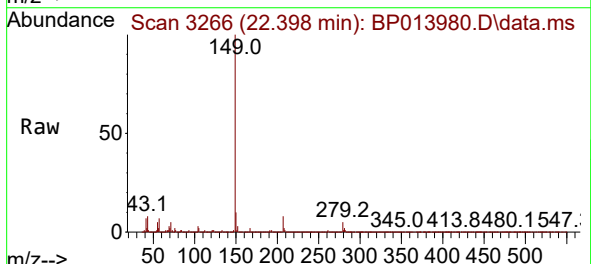
RT: 22.398 min Scan# 3266

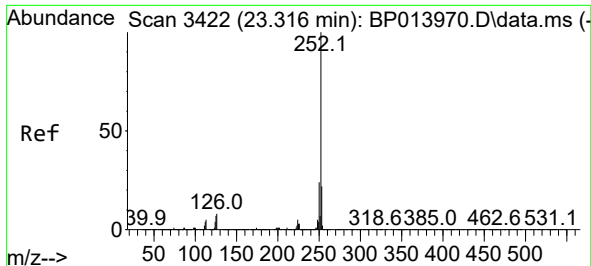
Delta R.T. -0.006 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Tgt Ion:149 Resp: 1742349

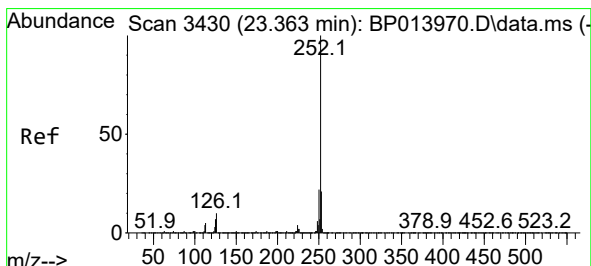
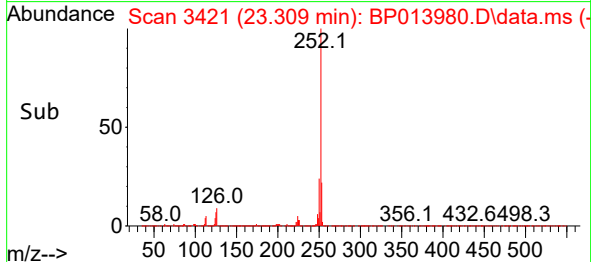
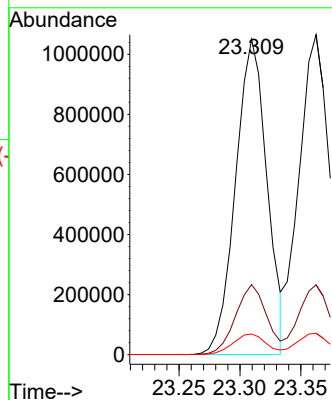
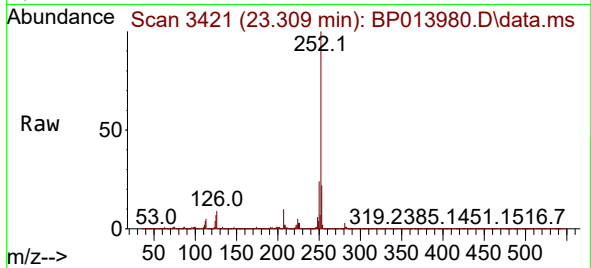




#90
Benzo(b)fluoranthene
Concen: 26.821 ng/ul
RT: 23.309 min Scan# 3422
Delta R.T. -0.006 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

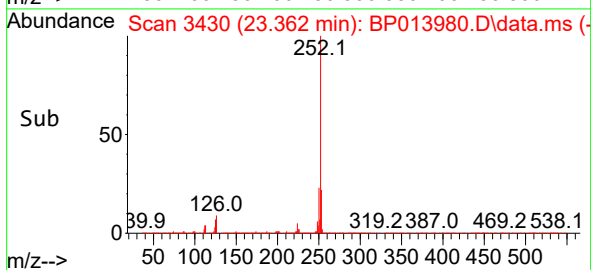
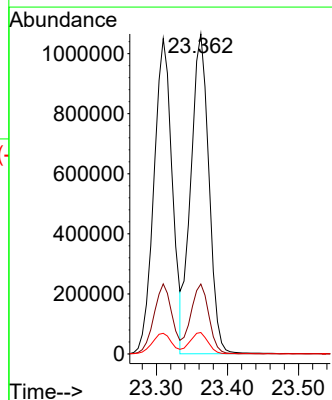
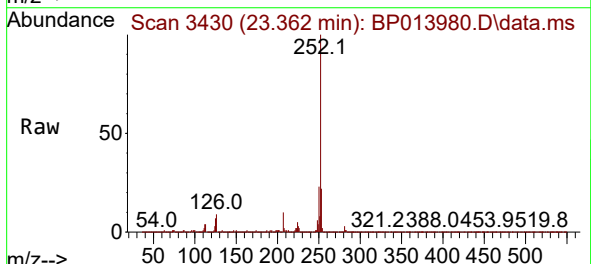
Instrument :
BNA_P
ClientSampleId :
SLCS237

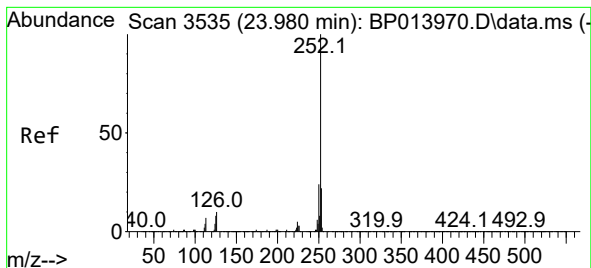
Tgt Ion:252 Resp: 1887668
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 6.5 5.4 8.2



#91
Benzo(k)fluoranthene
Concen: 28.019 ng/ul
RT: 23.362 min Scan# 3430
Delta R.T. -0.000 min
Lab File: BP013980.D
Acq: 08 Mar 2023 16:36

Tgt Ion:252 Resp: 1880411
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 6.7 5.5 8.3





#93

Benzo(a)pyrene

Concen: 27.519 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

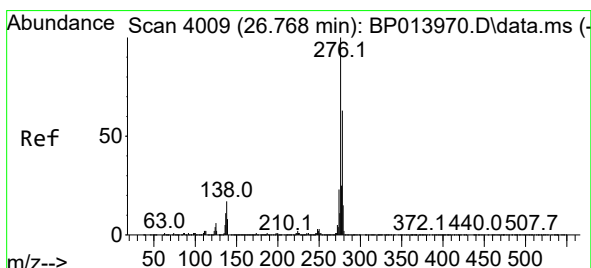
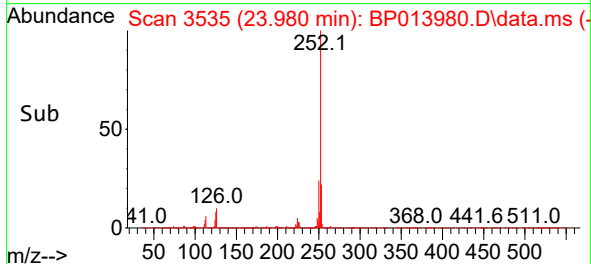
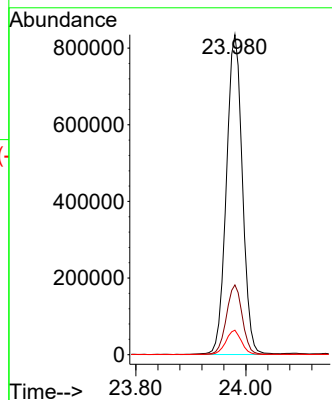
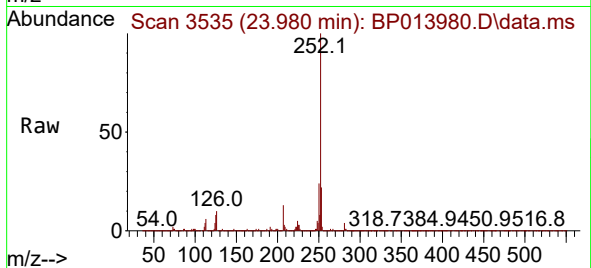
Tgt Ion:252 Resp: 1684654

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 7.6 6.2 9.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 26.984 ng/ul

RT: 26.768 min Scan# 4009

Delta R.T. -0.000 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

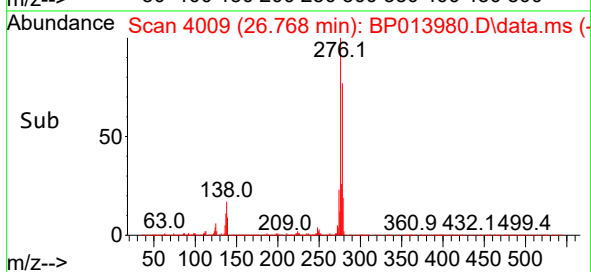
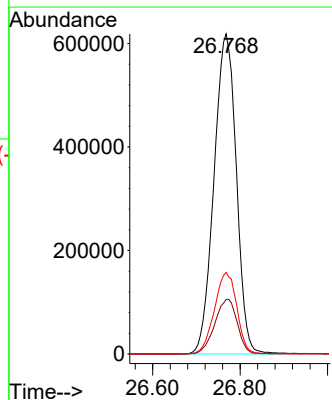
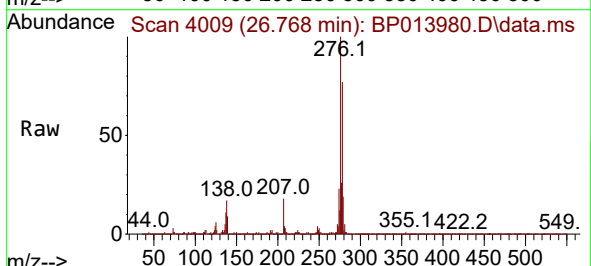
Tgt Ion:276 Resp: 2186758

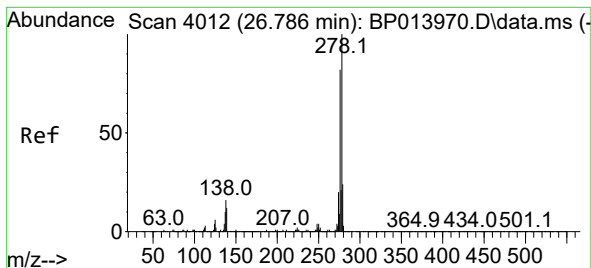
Ion Ratio Lower Upper

276 100

138 17.0 13.1 19.7

277 25.5 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 27.050 ng/ul

RT: 26.780 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

SLCS237

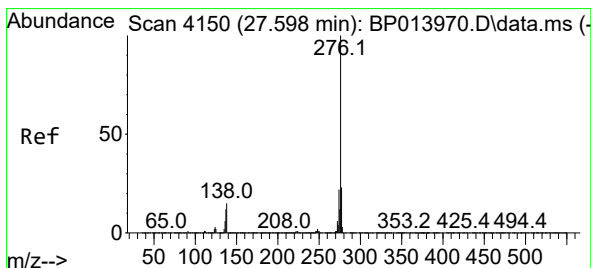
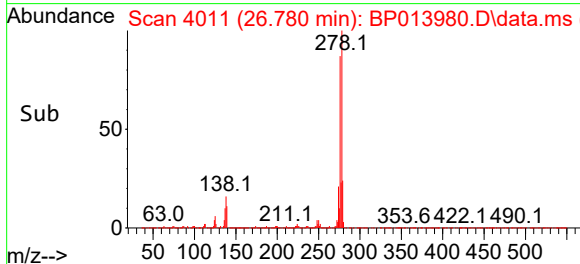
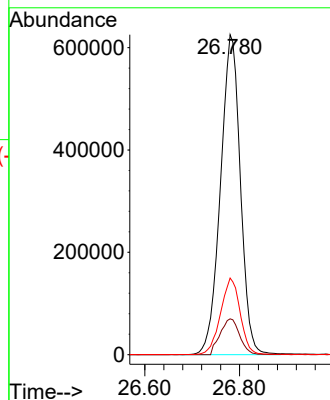
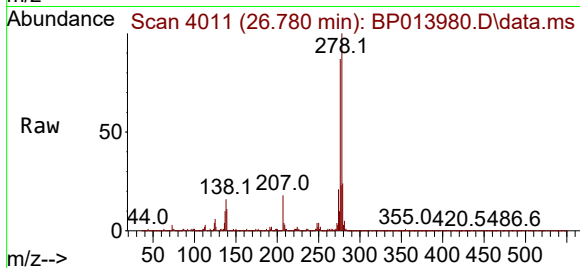
Tgt Ion:278 Resp: 1821931

Ion Ratio Lower Upper

278 100

139 11.2 8.7 13.1

279 24.0 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 26.698 ng/ul

RT: 27.592 min Scan# 4149

Delta R.T. -0.006 min

Lab File: BP013980.D

Acq: 08 Mar 2023 16:36

Tgt Ion:276 Resp: 1729323

Ion Ratio Lower Upper

276 100

138 15.1 11.9 17.9

277 23.2 18.7 28.1

