

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020623\
 Data File : BP013776.D
 Acq On : 06 Feb 2023 17:32
 Operator : CG/JU
 Sample : PB150652BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS652

Quant Time: Feb 06 23:56:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 03 23:44:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	245487	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1069172	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	768080	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1926346	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	2166995	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	2313438	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	34722	5.997	ng/uL	0.00
4) Pyridine-d5	3.905	84	453422	27.292	ng/u1	0.00
7) Phenol-d5	7.275	99	696516	32.283	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	404042	31.930	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	503628	31.843	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	547005	31.803	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	235687	34.555	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	276981	34.846	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	604283	32.510	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	482135	19.639	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1838614	30.368	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	2077454	31.056	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	307950	30.176	ng/u1	0.00
60) Fluorene-d10	15.751	176	1674154	32.080	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	267860	24.813	ng/u1	0.00
73) Anthracene-d10	17.616	188	2820078	31.406	ng/u1	0.00
81) Pyrene-d10	19.833	212	3741853	30.960	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	3897862	33.005	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.511	88	71025	11.771	ng/uL	97
5) Pyridine	3.922	79	491985	29.410	ng/u1	98
6) Benzaldehyde	7.258	77	388625	44.923	ng/u1	96
8) Phenol	7.299	94	739069	33.472	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.540	93	573867	32.343	ng/u1	99
12) 2-Chlorophenol	7.687	128	530343	33.098	ng/u1	98
13) 2-Methylphenol	8.569	108	537423	31.878	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.652	45	667386	31.769	ng/u1	99
16) Acetophenone	8.958	105	868475	32.390	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.940	70	429582	31.982	ng/u1	99
18) 4-Methylphenol	8.899	108	608175	33.217	ng/u1	95
19) Hexachloroethane	9.222	117	200526	31.972	ng/u1	95
22) Nitrobenzene	9.346	77	619355	33.621	ng/u1	98
23) Isophorone	9.875	82	1260087	29.878	ng/u1	99
25) 2-Nitrophenol	10.057	139	305876	34.779	ng/u1	97
26) 2,4-Dimethylphenol	10.110	107	615992	30.999	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.352	93	790417	30.924	ng/u1	99
29) 2,4-Dichlorophenol	10.593	162	591382	32.875	ng/u1	99
30) Naphthalene	11.004	128	1781745	31.531	ng/u1	99
32) 4-Chloroaniline	11.110	127	706307	28.587	ng/u1	98
33) Hexachlorobutadiene	11.287	225	417884	32.938	ng/u1	99
34) Caprolactam	11.893	113	143828	23.647	ng/u1	98
35) 4-Chloro-3-methylphenol	12.222	107	620570	32.208	ng/u1	100
36) 2-Methylnaphthalene	12.599	142	1270287	31.581	ng/u1	99

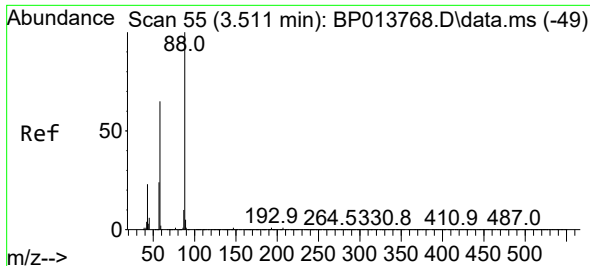
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1303155	32.078	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	847208	33.392	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	384723	26.969	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	548044	32.608	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	602894	32.915	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1805263	31.043	ng/ul	99
44) 2-Chloronaphthalene	13.646	162	1454542	31.615	ng/ul	100
45) 2-Nitroaniline	13.845	65	340026	38.825	ng/ul	98
47) Dimethylphthalate	14.210	163	1869255	31.338	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	340742	40.085	ng/ul	95
50) Acenaphthylene	14.487	152	2205447	31.267	ng/ul	100
51) 3-Nitroaniline	14.663	138	333689	37.139	ng/ul	99
52) Acenaphthene	14.828	153	1532312	31.611	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	99395	15.054	ng/ul	98
55) 4-Nitrophenol	14.963	109	231400	29.746	ng/ul	96
56) Dibenzofuran	15.157	168	2243435	31.862	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	514550	38.539	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.381	232	563688	32.744	ng/ul	98
59) Diethylphthalate	15.569	149	1810138	31.611	ng/ul	99
61) Fluorene	15.810	166	1863242	32.517	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	1028417	32.943	ng/ul	96
63) 4-Nitroaniline	15.828	138	360616	42.864	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.881	198	266763	24.830	ng/ul	98
67) N-Nitrosodiphenylamine	16.010	169	1630756	31.364	ng/ul	100
68) 4-Bromophenyl-phenylether	16.698	248	693127	31.626	ng/ul	98
69) Hexachlorobenzene	16.816	284	830092	32.284	ng/ul	98
70) Atrazine	16.963	200	535366	25.583	ng/ul	100
71) Pentachlorophenol	17.163	266	493699	30.082	ng/ul	98
72) Phenanthrene	17.557	178	3285197	32.285	ng/ul	99
74) Anthracene	17.651	178	3276852	31.795	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	846369	30.840	ng/uL	99
76) Pentachlorobenzene	15.081	250	861245	30.611	ng/uL	100
77) Carbazole	17.916	167	2972485	33.246	ng/ul	99
78) Di-n-butylphthalate	18.445	149	3267443	30.929	ng/ul	100
80) Fluoranthene	19.510	202	4330470	30.740	ng/ul	99
82) Pyrene	19.863	202	4511736	31.325	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1378056	33.302	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	1564974	31.796	ng/ul	98
85) Benzo(a)anthracene	21.575	228	4855231	32.590	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.475	149	2193073	30.912	ng/ul	98
87) Chrysene	21.633	228	4627940	32.996	ng/ul	99
89) Di-n-octyl phthalate	22.451	149	3857113	31.651	ng/ul	100
90) Benzo(b)fluoranthene	23.369	252	5128584	33.960	ng/ul	100
91) Benzo(k)fluoranthene	23.421	252	4872871	33.761	ng/ul	99
93) Benzo(a)pyrene	24.051	252	4336224	33.259	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	5125318	31.729	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	4298521	32.099	ng/ul	100
96) Benzo(g,h,i)perylene	27.709	276	4091125	32.014	ng/ul	99

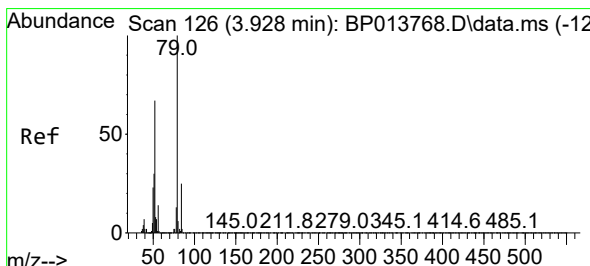
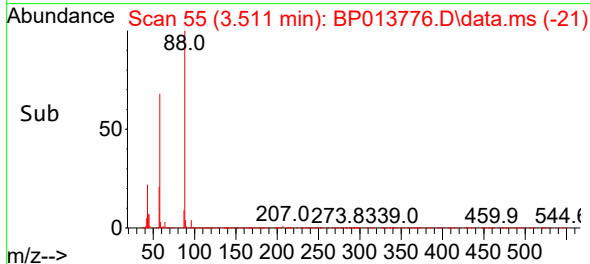
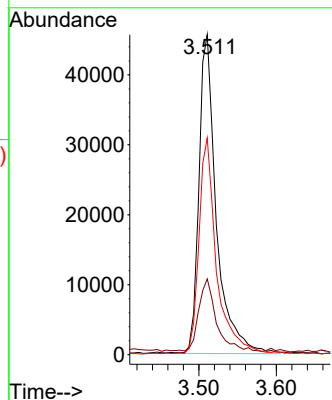
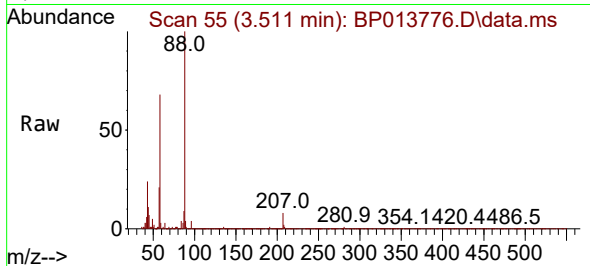
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#2
 1,4-Dioxane
 Concen: 11.771 ng/uL
 RT: 3.511 min Scan# 51
 Delta R.T. 0.000 min
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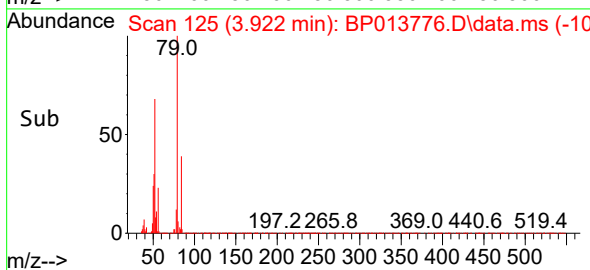
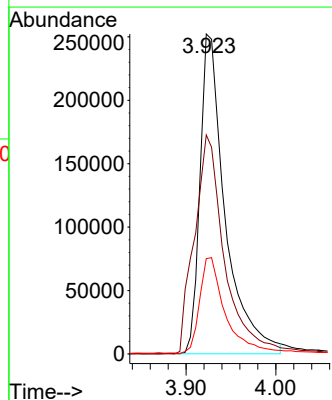
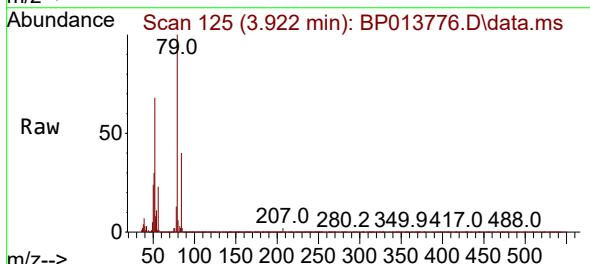
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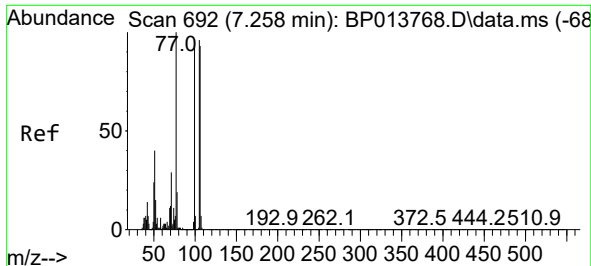
Tgt Ion:	88	Resp:	71025
Ion	Ratio	Lower	Upper
88	100		
43	23.7	22.2	33.4
58	67.7	54.9	82.3



#5
 Pyridine
 Concen: 29.410 ng/uL
 RT: 3.922 min Scan# 125
 Delta R.T. -0.006 min
 Lab File: BP013776.D
 Acq: 06 Feb 2023 17:32

Tgt Ion:	79	Resp:	491985
Ion	Ratio	Lower	Upper
79	100		
52	68.4	53.8	80.6
51	29.8	25.1	37.7

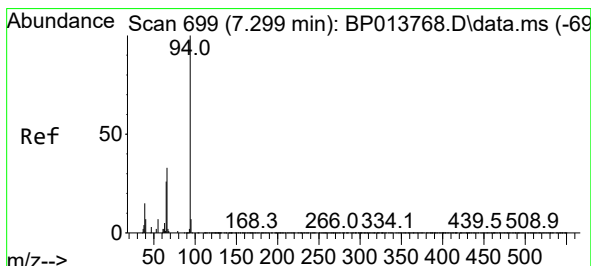
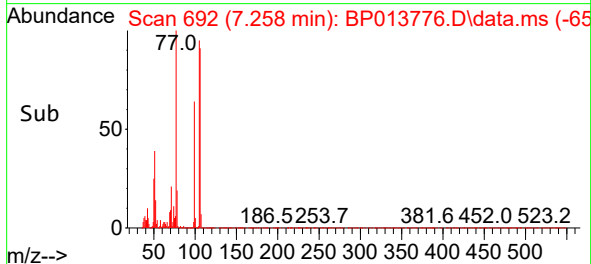
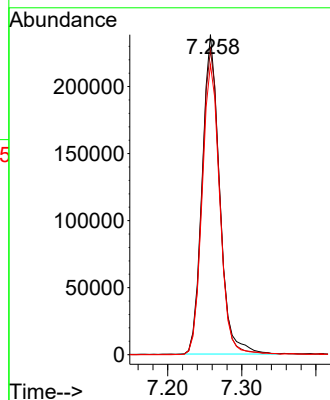
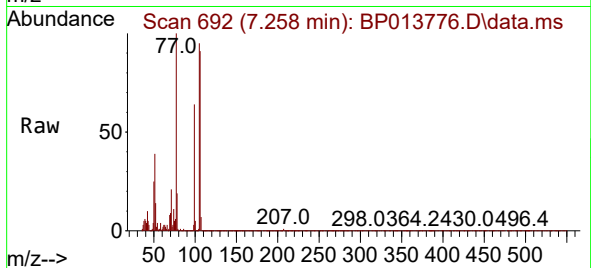




#6
Benzaldehyde
Concen: 44.923 ng/ul
RT: 7.258 min Scan# 692
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

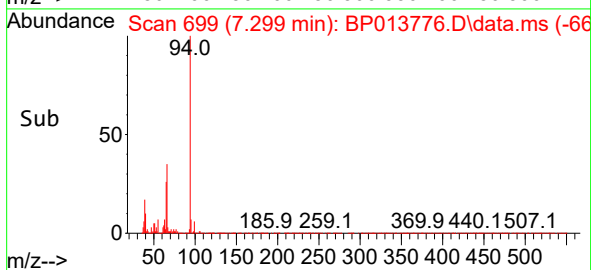
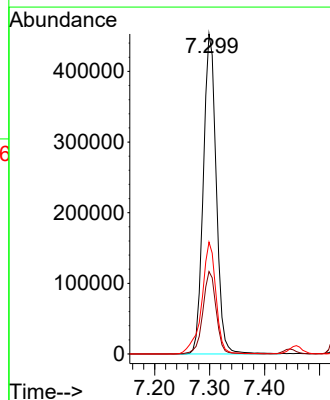
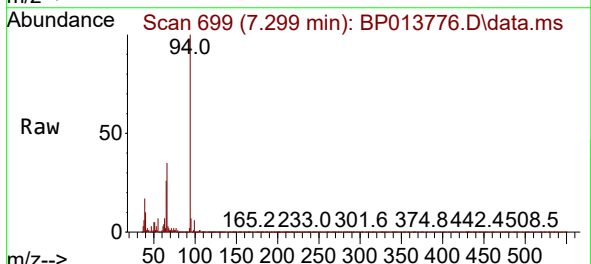
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ClientSampleId :
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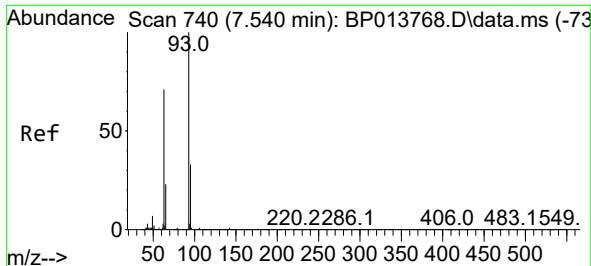
Tgt Ion: 77 Resp: 388625
Ion Ratio Lower Upper
77 100
105 95.2 80.6 121.0
106 90.6 75.0 112.4



#8
Phenol
Concen: 33.472 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion: 94 Resp: 739069
Ion Ratio Lower Upper
94 100
65 25.8 21.0 31.4
66 34.9 27.4 41.2

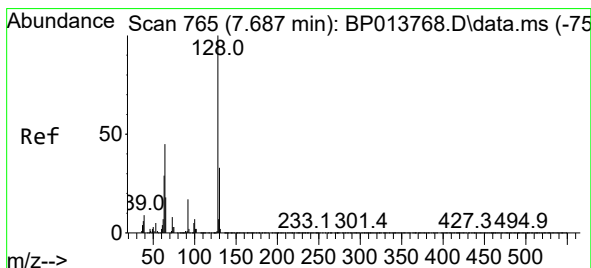
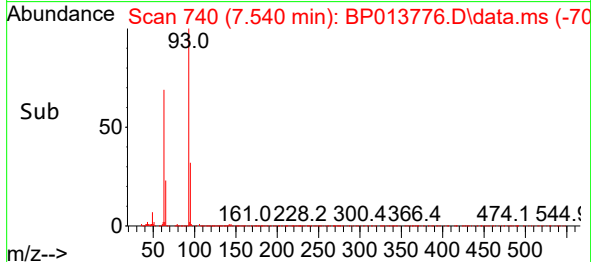
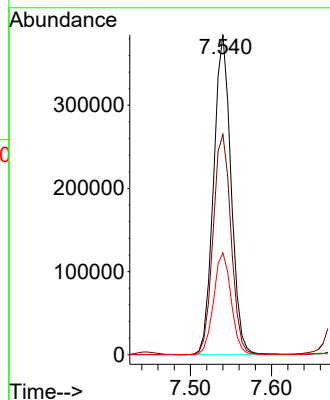
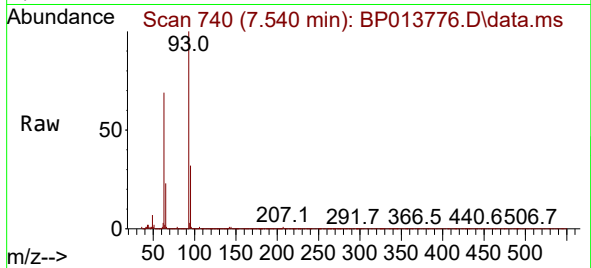




#10
Bis(2-Chloroethyl)ether
Concen: 32.343 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

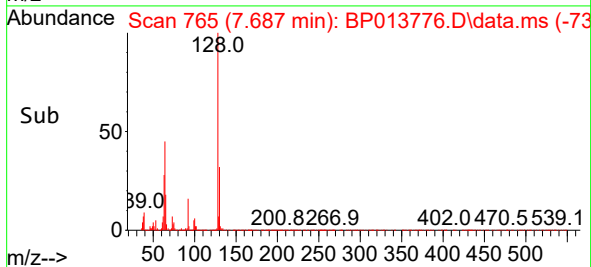
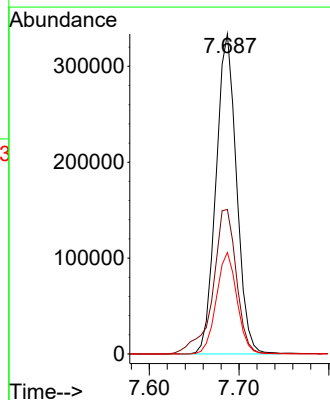
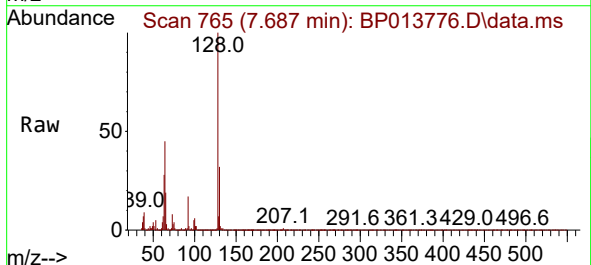
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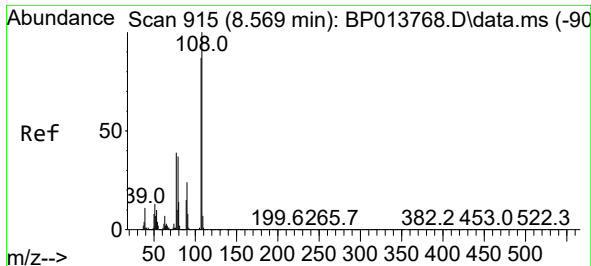
Tgt Ion: 93 Resp: 573867
Ion Ratio Lower Upper
93 100
63 68.8 55.8 83.6
95 31.8 25.1 37.7



#12
2-Chlorophenol
Concen: 33.098 ng/ul
RT: 7.687 min Scan# 765
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion: 128 Resp: 530343
Ion Ratio Lower Upper
128 100
64 45.2 37.9 56.9
130 31.7 25.2 37.8

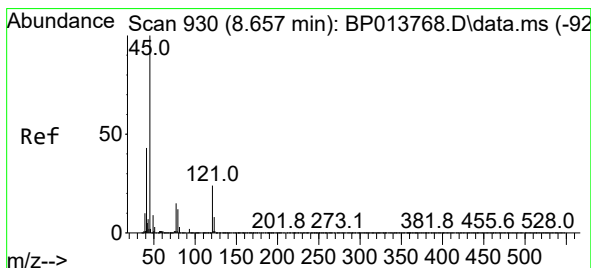
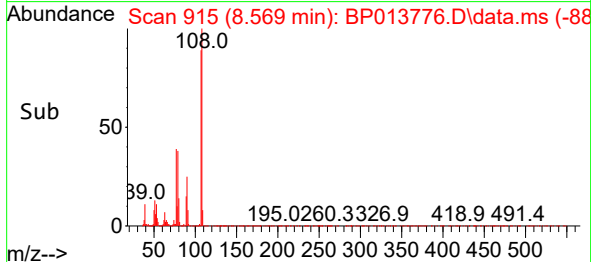
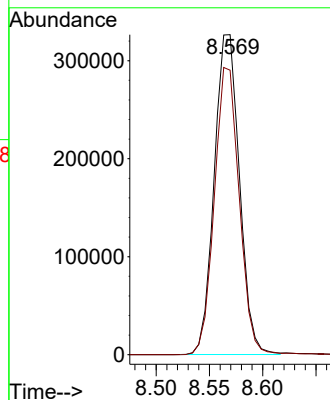
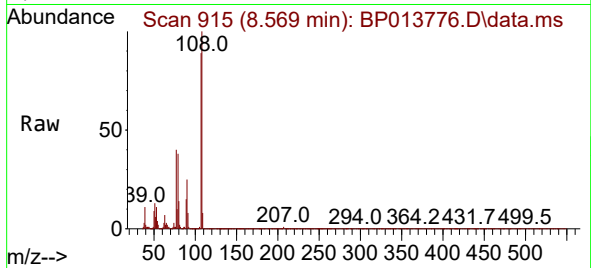




#13
2-Methylphenol
Concen: 31.878 ng/ul
RT: 8.569 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP013776.D
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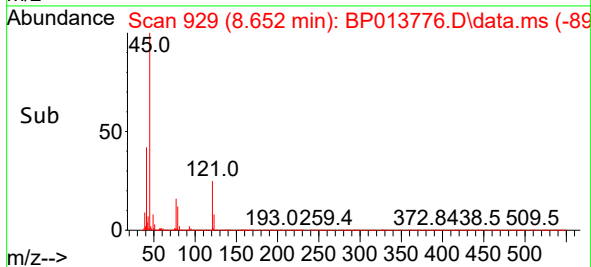
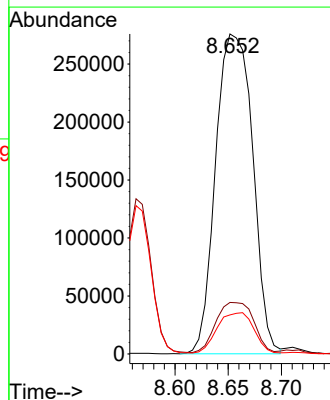
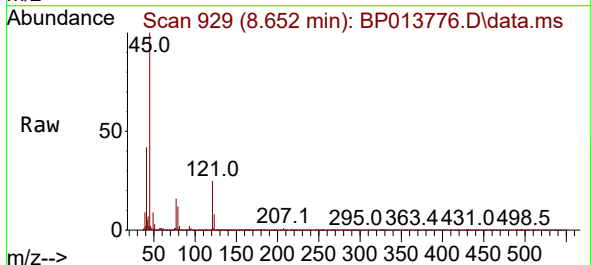
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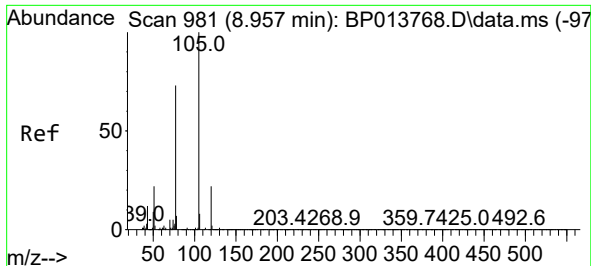
Tgt Ion:108 Resp: 537423
Ion Ratio Lower Upper
108 100
107 88.9 70.9 106.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.769 ng/ul
RT: 8.652 min Scan# 929
Delta R.T. -0.012 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion: 45 Resp: 667386
Ion Ratio Lower Upper
45 100
77 16.1 12.6 19.0
79 12.2 10.0 15.0

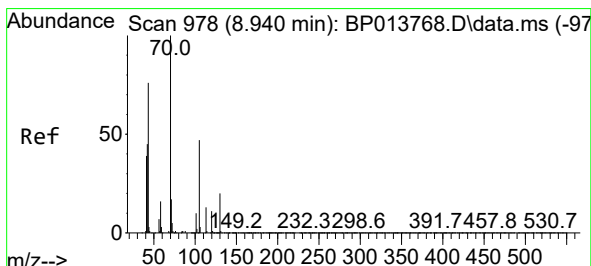
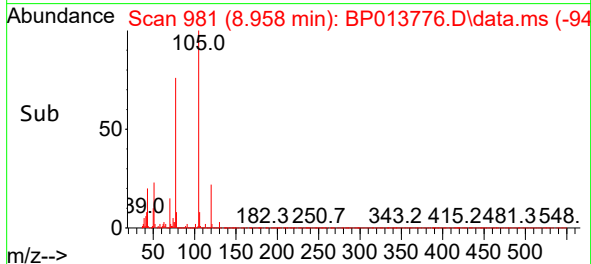
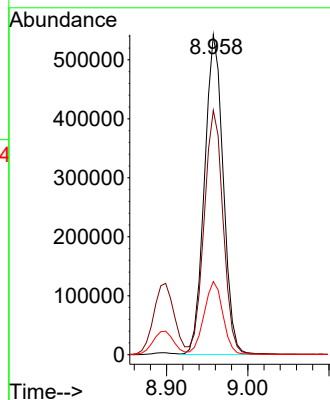
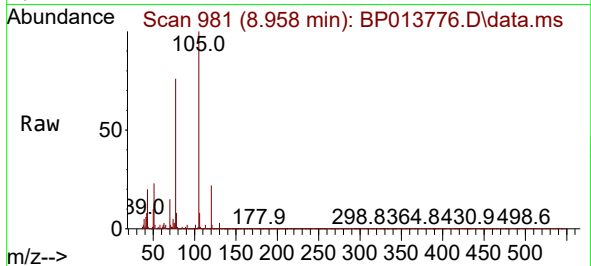




#16
Acetophenone
Concen: 32.390 ng/ul
RT: 8.958 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

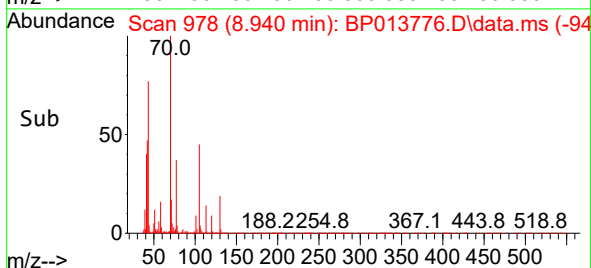
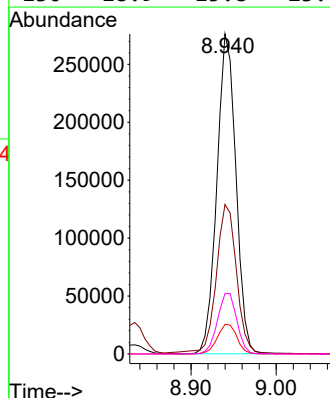
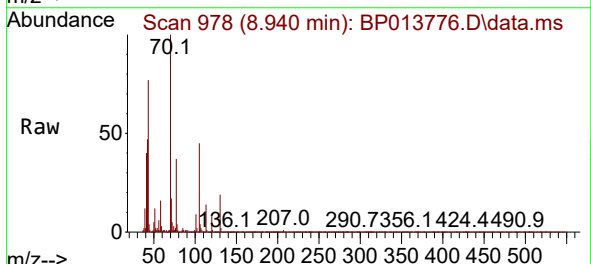
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ClientSampleId :
SLCS652

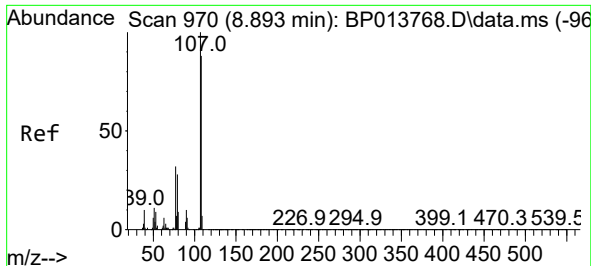
Tgt Ion:105 Resp: 868475
Ion Ratio Lower Upper
105 100
77 76.3 61.2 91.8
51 22.9 18.5 27.7



#17
N-Nitroso-di-n-propylamine
Concen: 31.982 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion: 70 Resp: 429582
Ion Ratio Lower Upper
70 100
42 46.7 38.2 57.4
101 9.2 7.4 11.2
130 18.9 15.8 23.6





#18

4-Methylphenol

Concen: 33.217 ng/ul

RT: 8.899 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

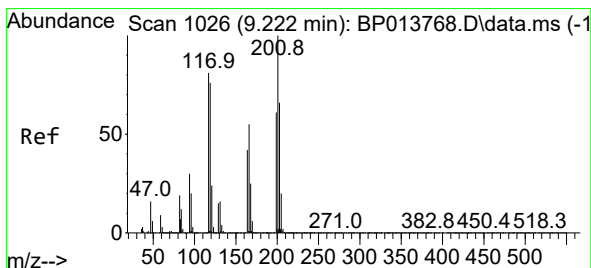
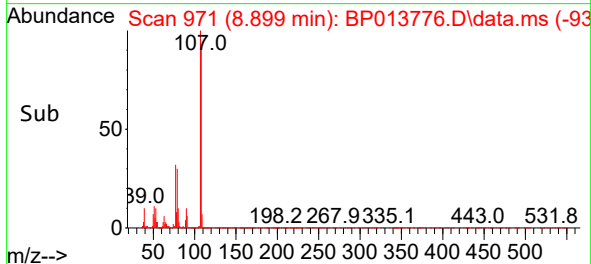
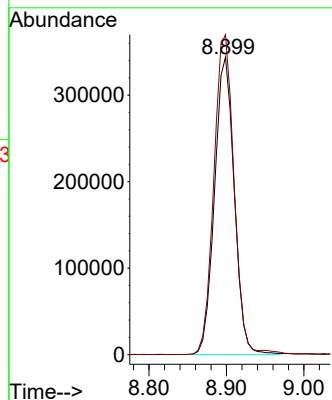
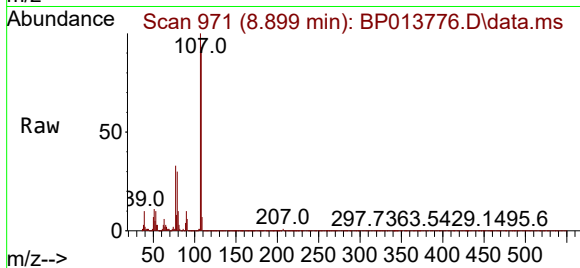
SLCS652

Tgt Ion:108 Resp: 608175

Ion Ratio Lower Upper

108 100

107 107.5 89.9 134.9



#19

Hexachloroethane

Concen: 31.972 ng/ul

RT: 9.222 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

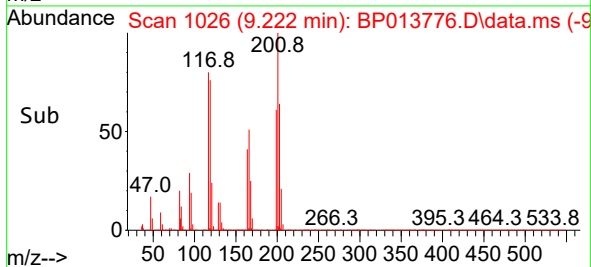
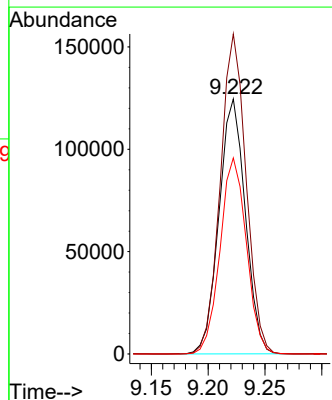
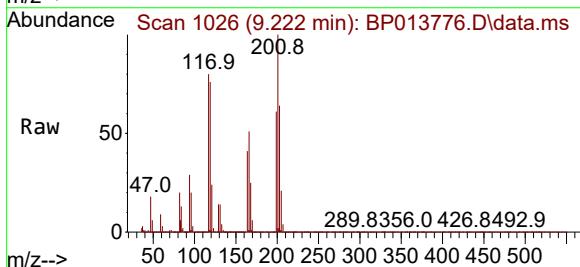
Tgt Ion:117 Resp: 200526

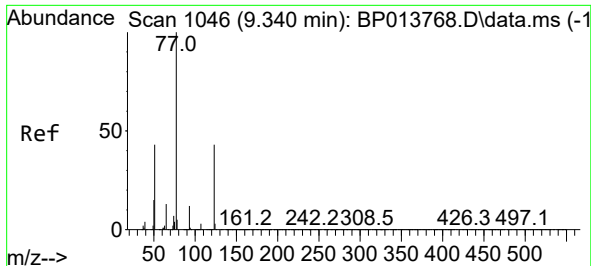
Ion Ratio Lower Upper

117 100

201 125.5 94.8 142.2

199 76.9 60.1 90.1

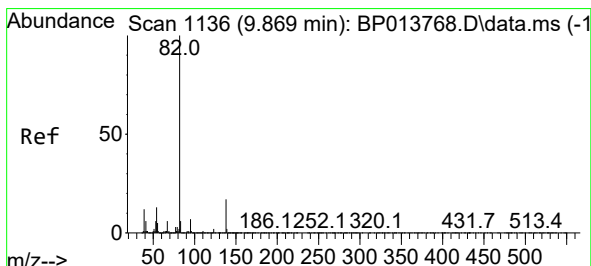
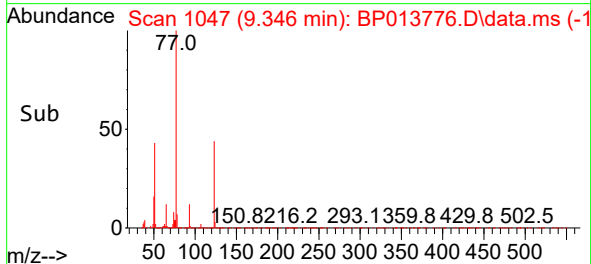
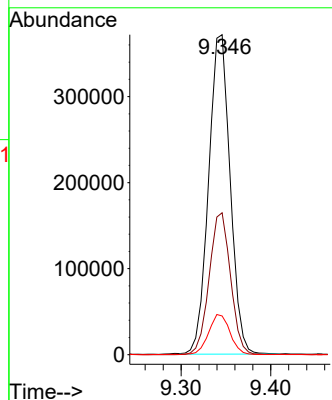
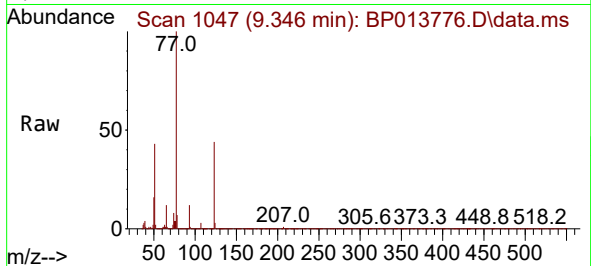




#22
Nitrobenzene
Concen: 33.621 ng/ul
RT: 9.346 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

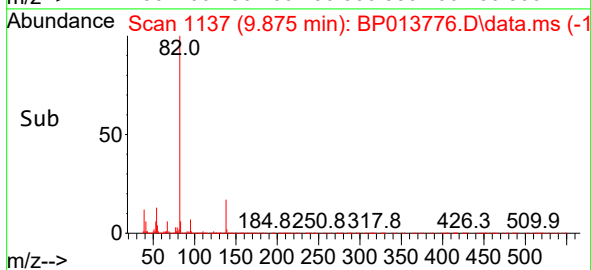
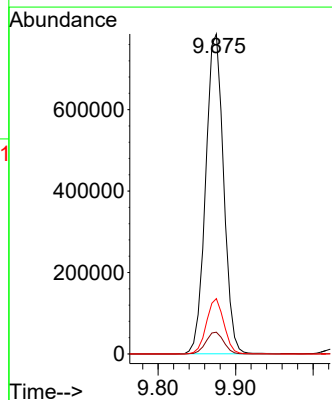
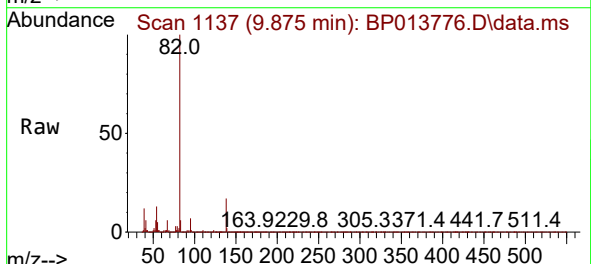
Instrument :
BNA_P
ClientSampleId :
SLCS652

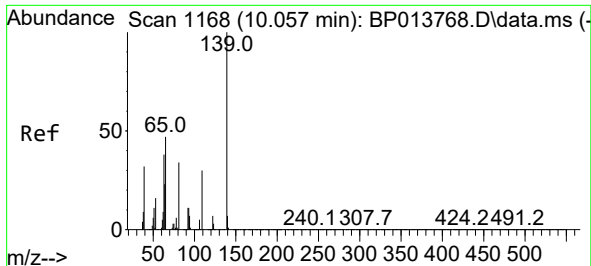
Tgt Ion: 77 Resp: 619355
Ion Ratio Lower Upper
77 100
123 44.3 34.1 51.1
65 12.1 9.8 14.8



#23
Isophorone
Concen: 29.878 ng/ul
RT: 9.875 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion: 82 Resp: 1260087
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.3 13.6 20.4

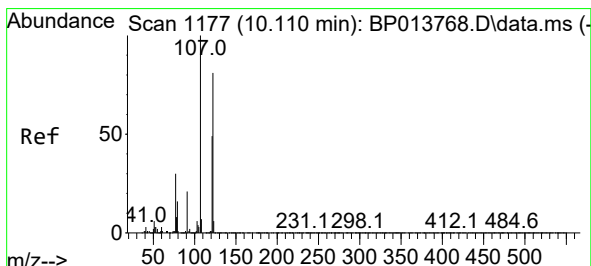
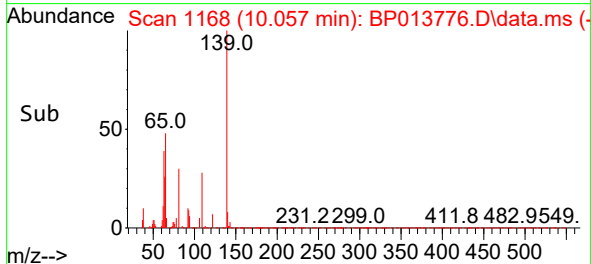
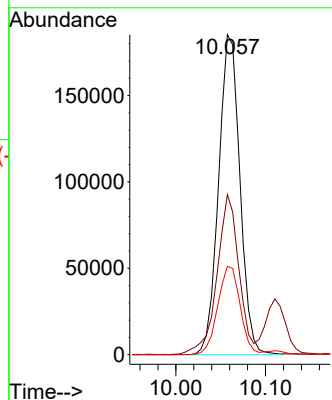
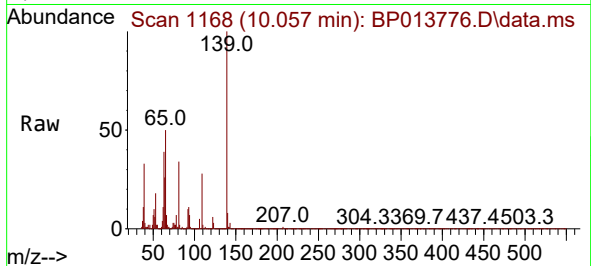




#25
2-Nitrophenol
Concen: 34.779 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

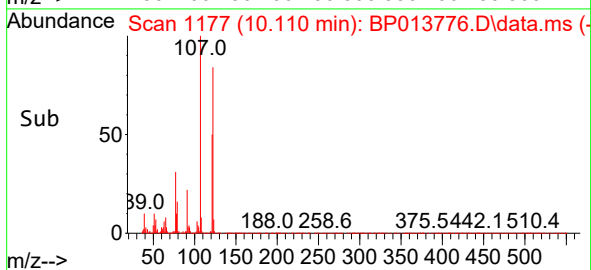
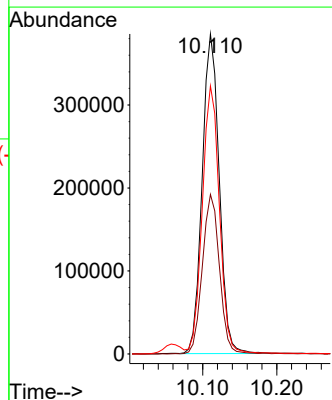
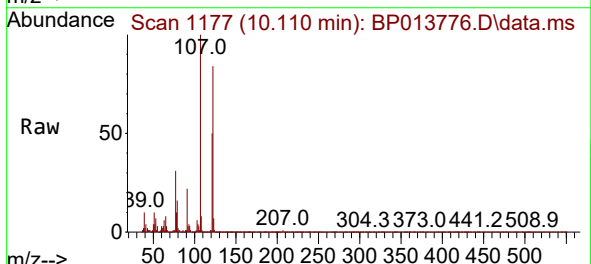
Instrument :
BNA_P
ClientSampleId :
SLCS652

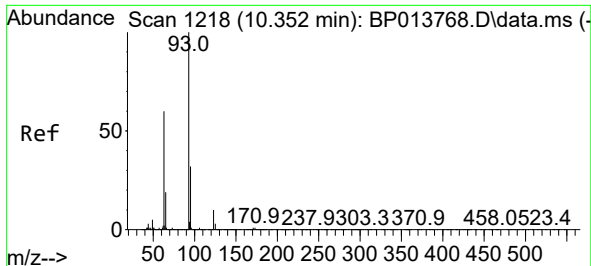
Tgt Ion:139 Resp: 305876
Ion Ratio Lower Upper
139 100
65 50.0 40.9 61.3
109 27.6 24.3 36.5



#26
2,4-Dimethylphenol
Concen: 30.999 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:107 Resp: 615992
Ion Ratio Lower Upper
107 100
121 49.9 39.8 59.8
122 83.7 67.6 101.4

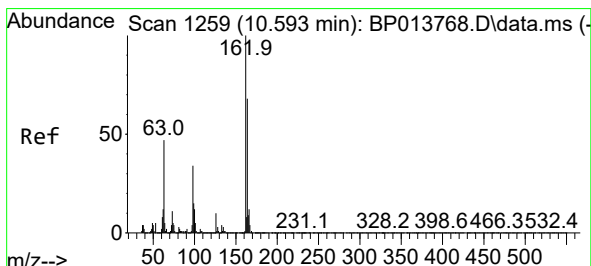
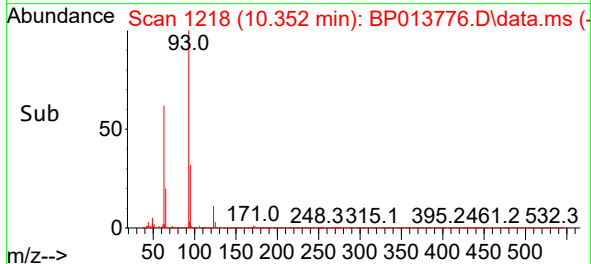
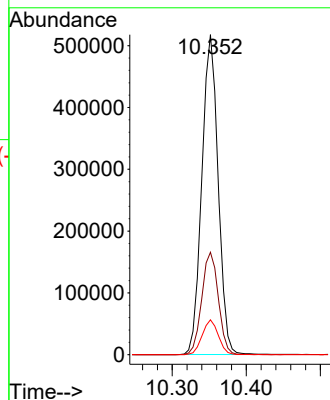
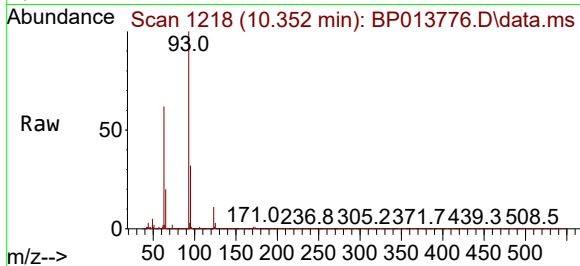




#27
Bis(2-Chloroethoxy)methane
Concen: 30.924 ng/ul
RT: 10.352 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

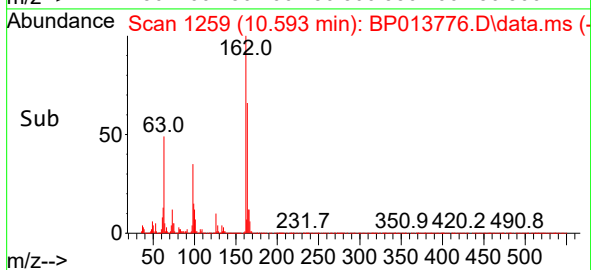
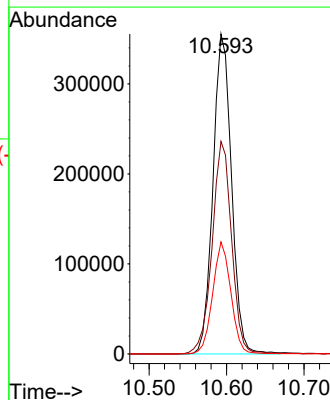
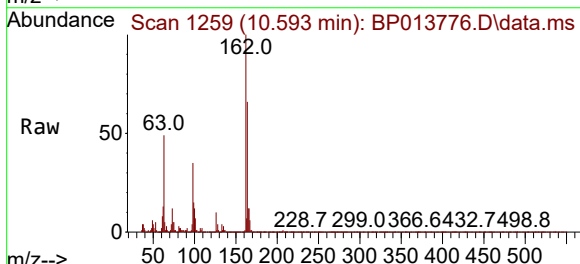
Instrument :
BNA_P
ClientSampleId :
SLCS652

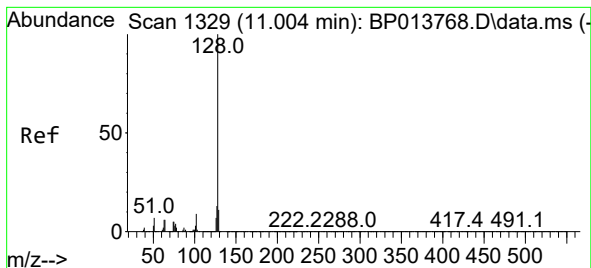
Tgt Ion: 93 Resp: 790417
Ion Ratio Lower Upper
93 100
95 32.0 25.3 37.9
123 10.9 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 32.875 ng/ul
RT: 10.593 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:162 Resp: 591382
Ion Ratio Lower Upper
162 100
164 66.4 52.1 78.1
98 35.0 27.7 41.5





#30

Naphthalene

Concen: 31.531 ng/ul

RT: 11.004 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

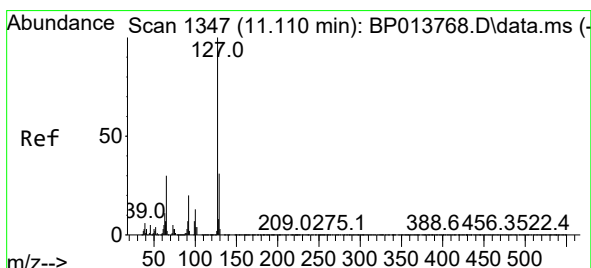
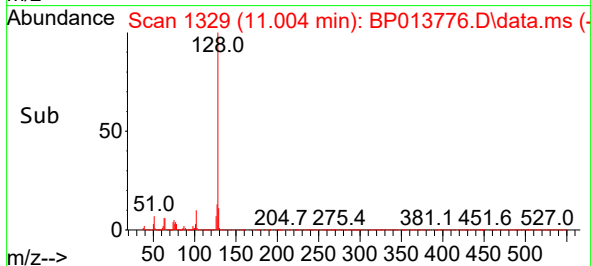
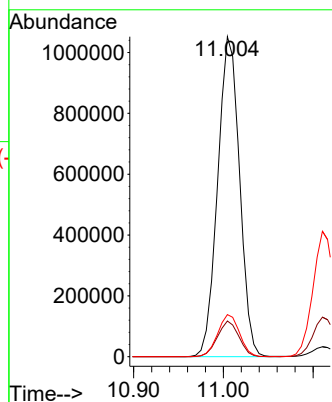
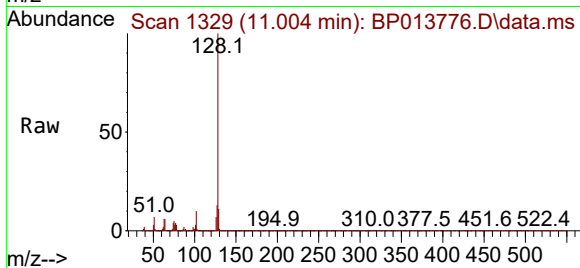
Tgt Ion:128 Resp: 1781745

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.2 10.2 15.4



#32

4-Chloroaniline

Concen: 28.587 ng/ul

RT: 11.110 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BP013776.D

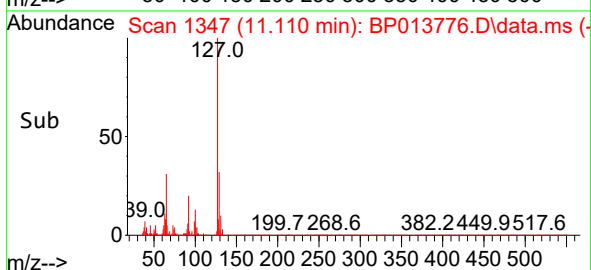
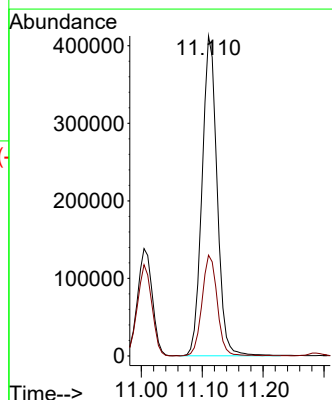
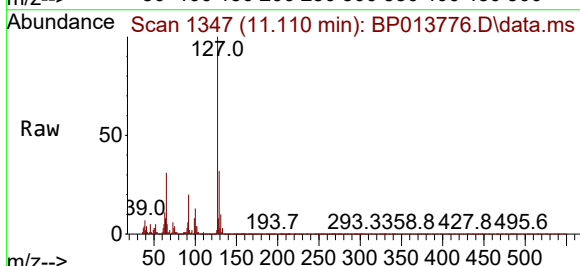
Acq: 06 Feb 2023 17:32

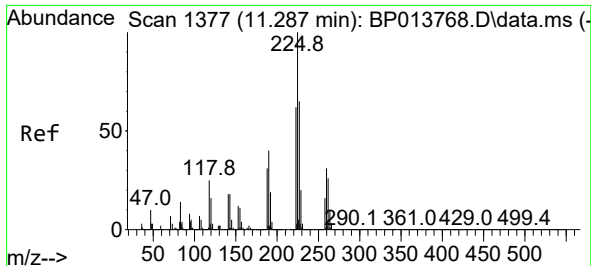
Tgt Ion:127 Resp: 706307

Ion Ratio Lower Upper

127 100

129 31.5 26.1 39.1

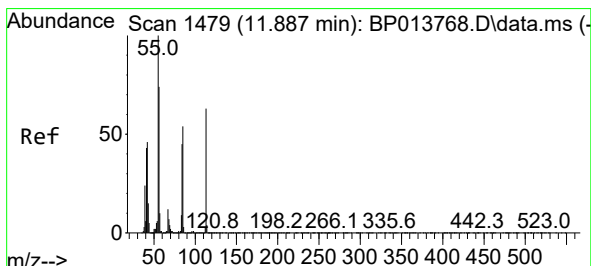
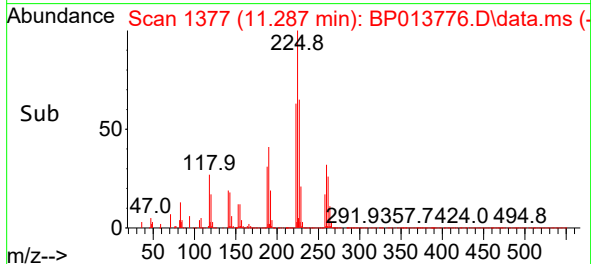
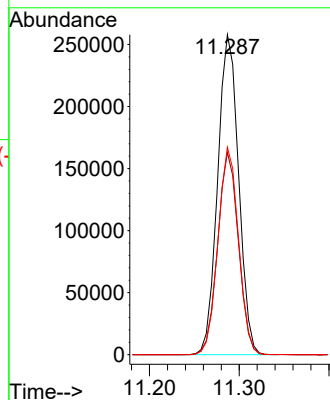
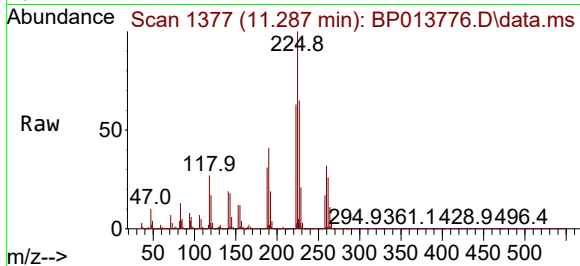




#33
Hexachlorobutadiene
Concen: 32.938 ng/ul
RT: 11.287 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

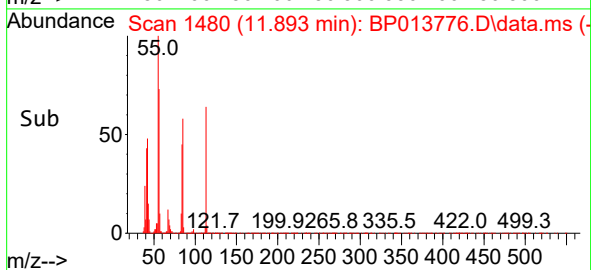
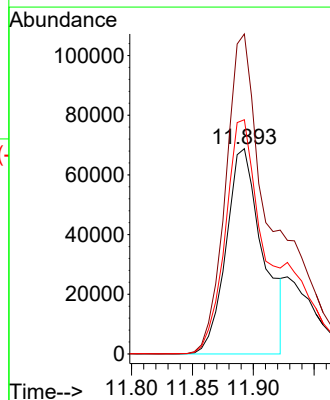
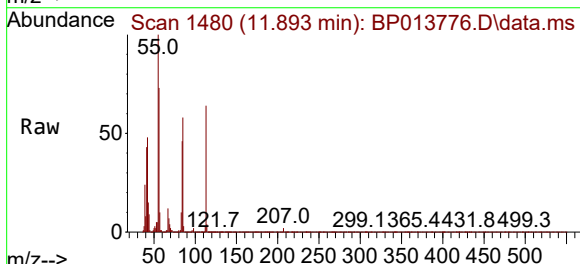
Instrument :
BNA_P
ClientSampleId :
SLCS652

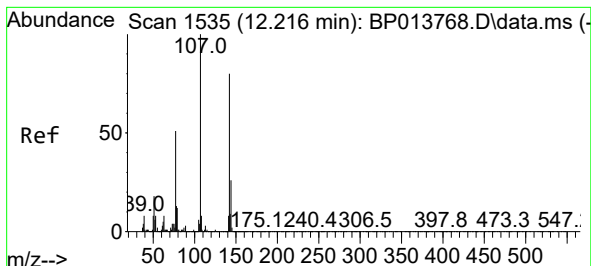
Tgt Ion:225 Resp: 417884
Ion Ratio Lower Upper
225 100
223 63.2 51.4 77.2
227 64.9 50.9 76.3



#34
Caprolactam
Concen: 23.647 ng/ul
RT: 11.893 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:113 Resp: 143828
Ion Ratio Lower Upper
113 100
55 155.8 128.4 192.6
56 114.1 92.2 138.2

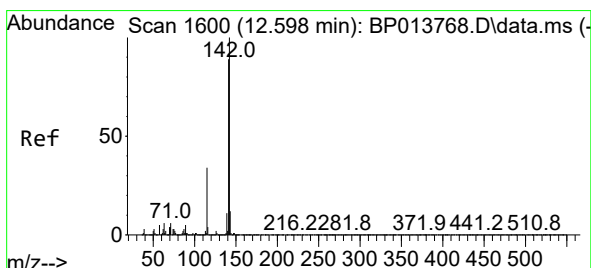
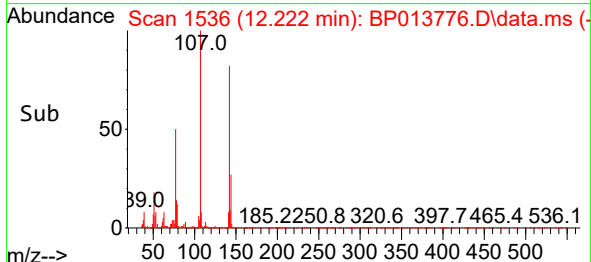
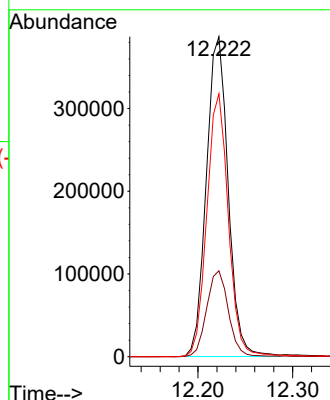
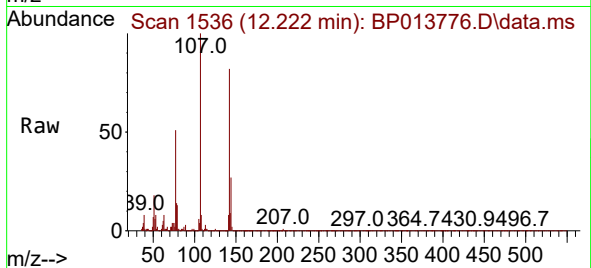




#35
4-Chloro-3-methylphenol
Concen: 32.208 ng/ul
RT: 12.222 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

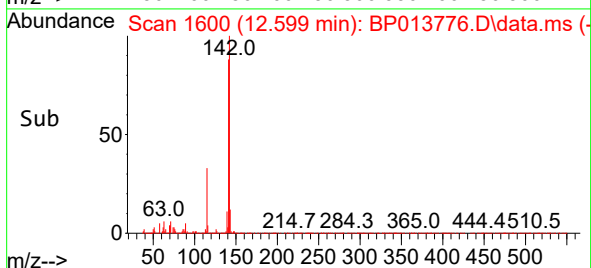
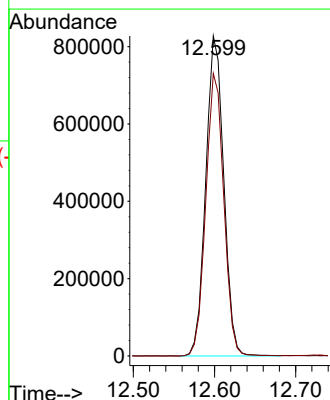
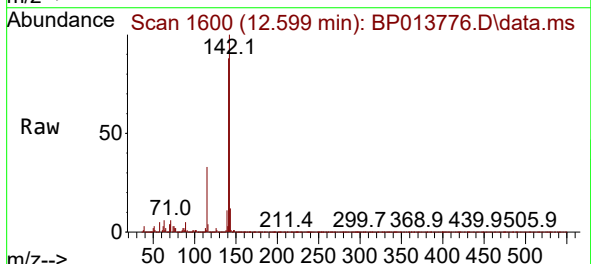
Instrument :
BNA_P
ClientSampleId :
SLCS652

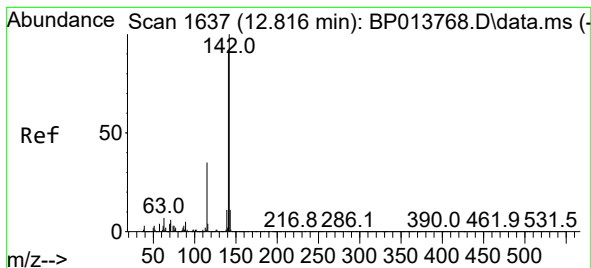
Tgt Ion:107 Resp: 620570
Ion Ratio Lower Upper
107 100
144 26.8 21.4 32.0
142 82.2 65.6 98.4



#36
2-Methylnaphthalene
Concen: 31.581 ng/ul
RT: 12.599 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:142 Resp: 1270287
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2





#37

1-Methylnaphthalene

Concen: 32.078 ng/ul

RT: 12.816 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

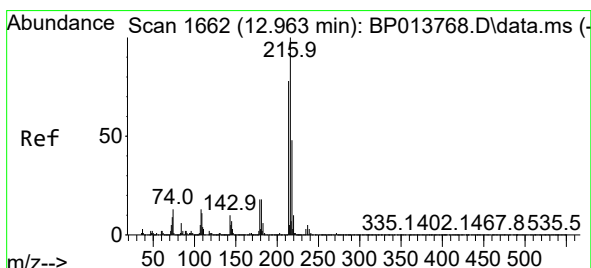
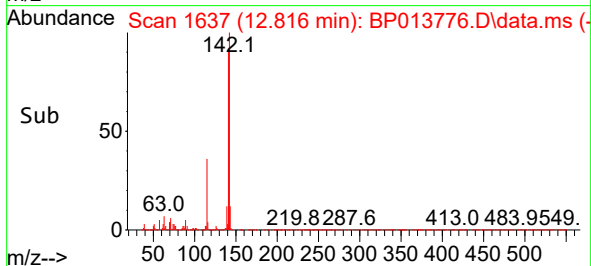
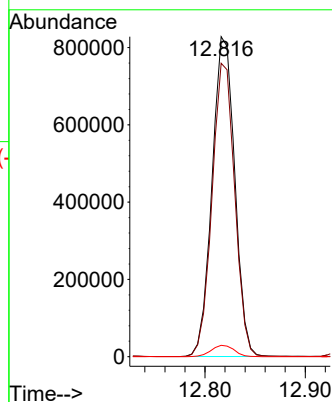
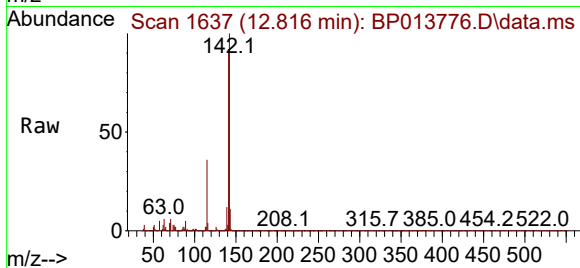
Tgt Ion:142 Resp: 1303155

Ion Ratio Lower Upper

142 100

141 91.7 74.4 111.6

116 3.6 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.392 ng/ul

RT: 12.963 min Scan# 1662

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Tgt Ion:216 Resp: 847208

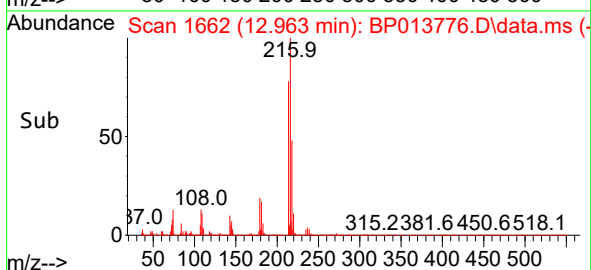
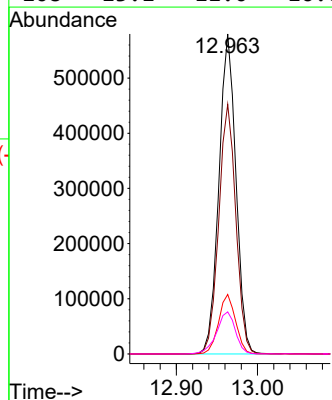
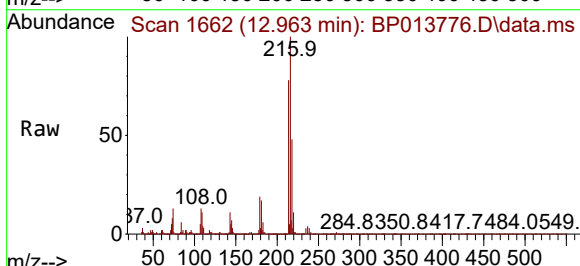
Ion Ratio Lower Upper

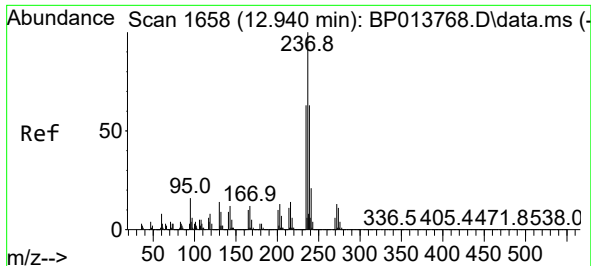
216 100

214 78.0 61.5 92.3

179 18.6 15.0 22.4

108 13.1 11.0 16.6

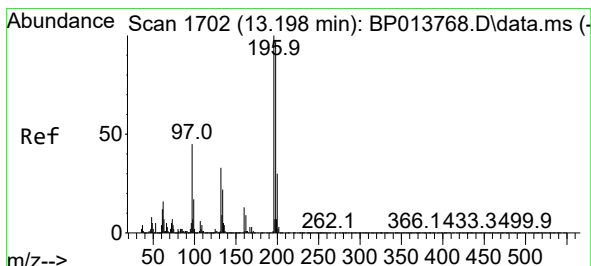
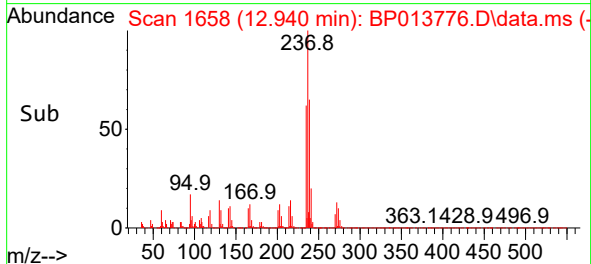
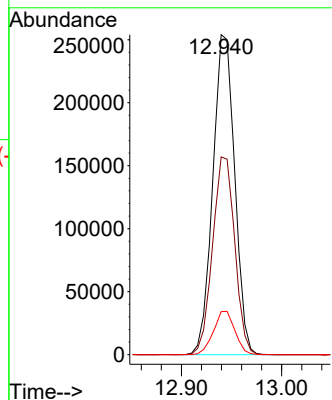
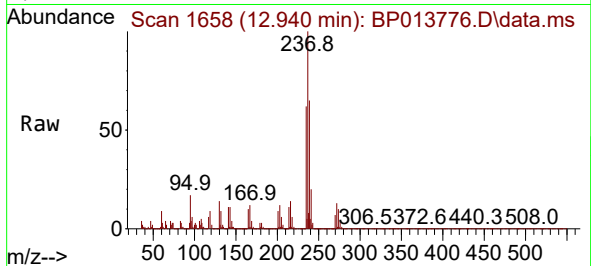




#40
Hexachlorocyclopentadiene
Concen: 26.969 ng/ul
RT: 12.940 min Scan# 1658
Delta R.T. -0.012 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

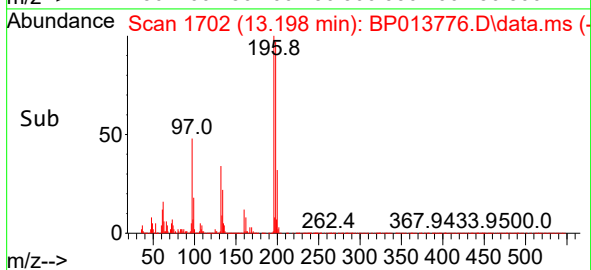
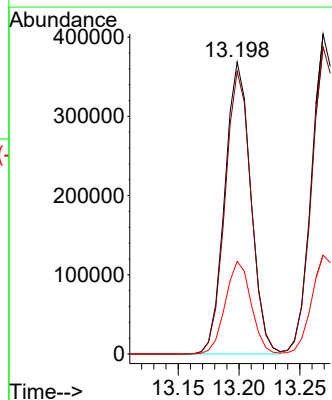
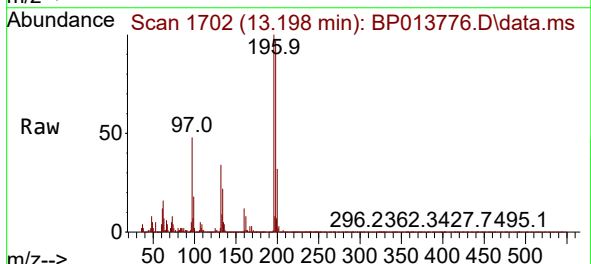
Instrument :
BNA_P
ClientSampleId :
SLCS652

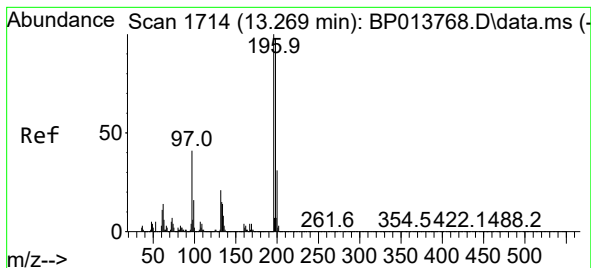
Tgt Ion:237 Resp: 384723
Ion Ratio Lower Upper
237 100
235 61.8 50.7 76.1
272 13.4 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 32.608 ng/ul
RT: 13.198 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:196 Resp: 548044
Ion Ratio Lower Upper
196 100
198 96.8 79.0 118.6
200 31.7 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 32.915 ng/ul

RT: 13.269 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

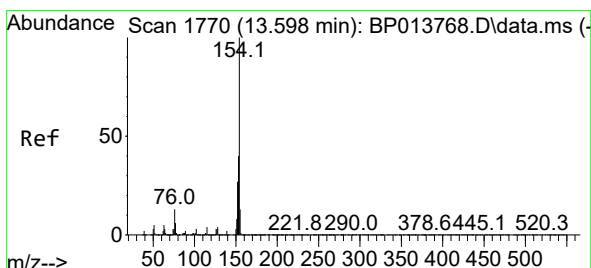
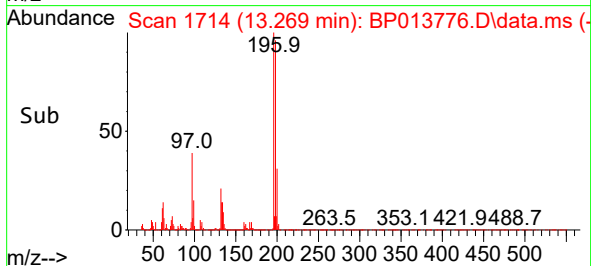
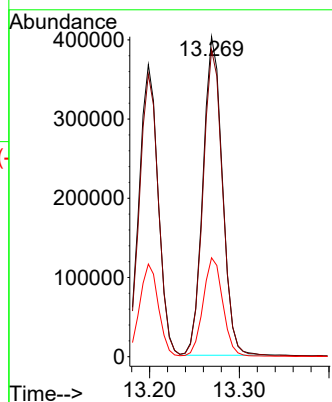
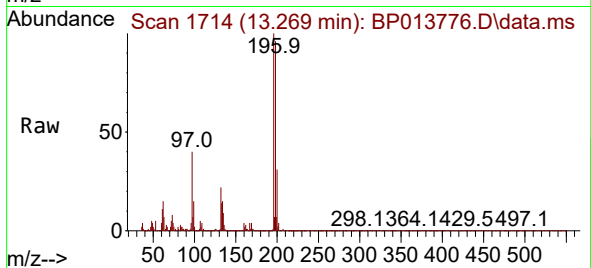
Tgt Ion:196 Resp: 602894

Ion Ratio Lower Upper

196 100

198 96.0 77.8 116.8

200 30.9 26.2 39.2



#43

1,1'-Biphenyl

Concen: 31.043 ng/ul

RT: 13.598 min Scan# 1770

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

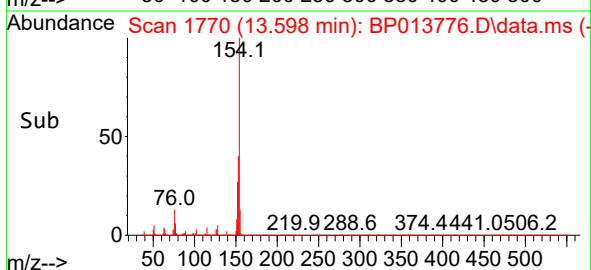
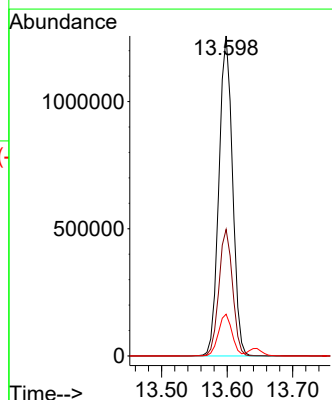
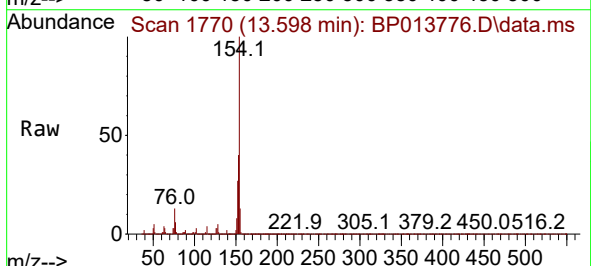
Tgt Ion:154 Resp: 1805263

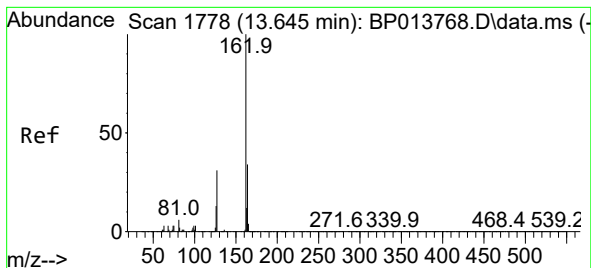
Ion Ratio Lower Upper

154 100

153 39.6 32.2 48.2

76 13.1 10.0 15.0





#44

2-Chloronaphthalene

Concen: 31.615 ng/ul

RT: 13.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

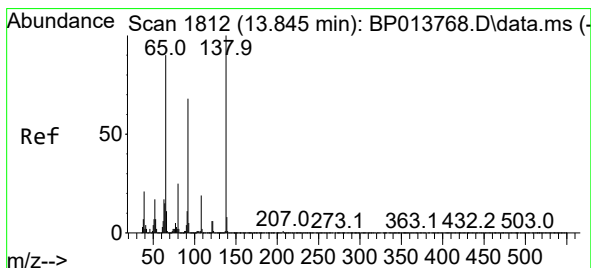
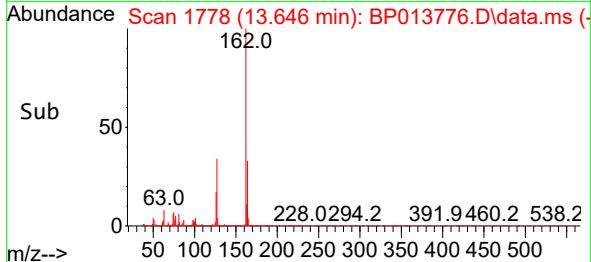
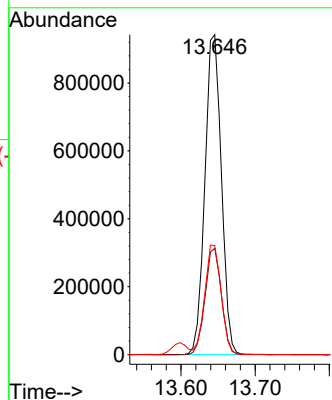
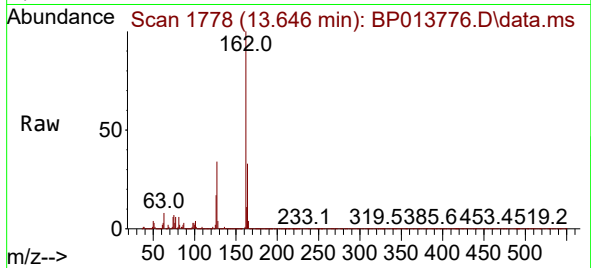
Tgt Ion:162 Resp: 1454542

Ion Ratio Lower Upper

162 100

164 33.2 26.6 39.8

127 34.1 27.5 41.3



#45

2-Nitroaniline

Concen: 38.825 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

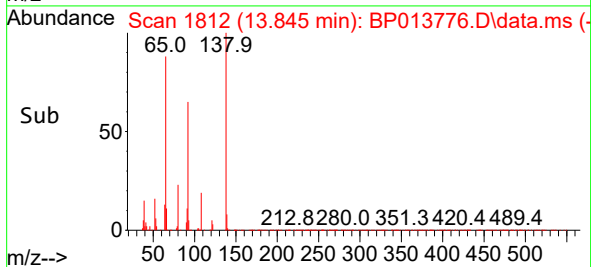
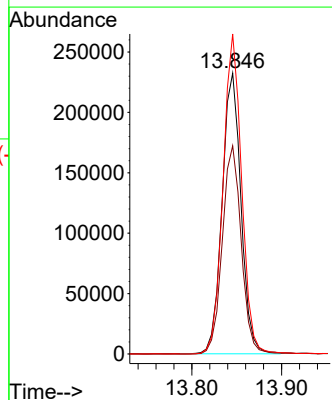
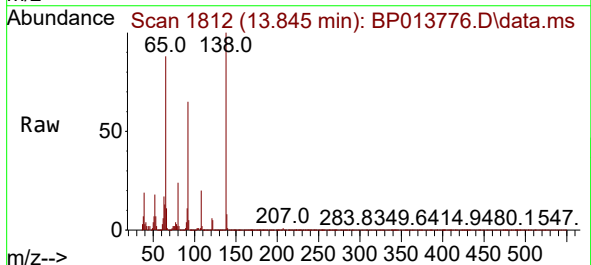
Tgt Ion: 65 Resp: 340026

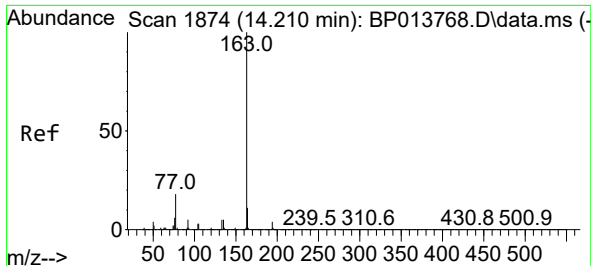
Ion Ratio Lower Upper

65 100

92 74.2 60.6 91.0

138 114.0 89.9 134.9

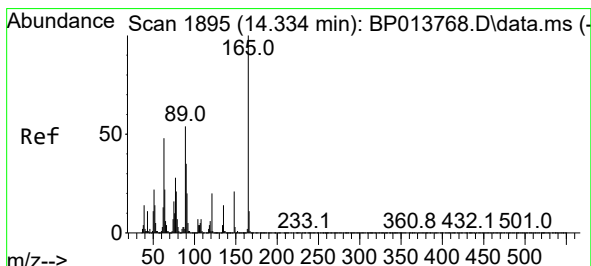
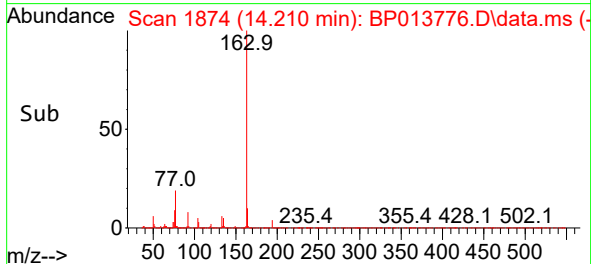
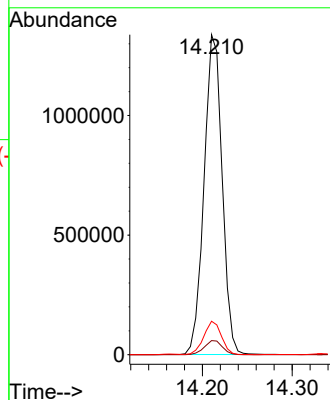
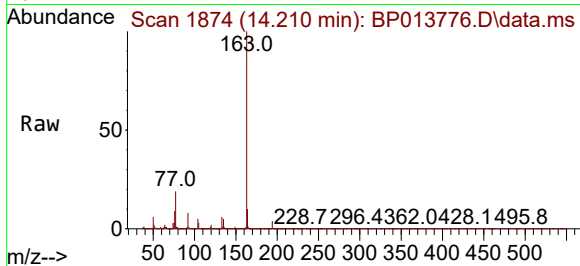




#47
Dimethylphthalate
Concen: 31.338 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

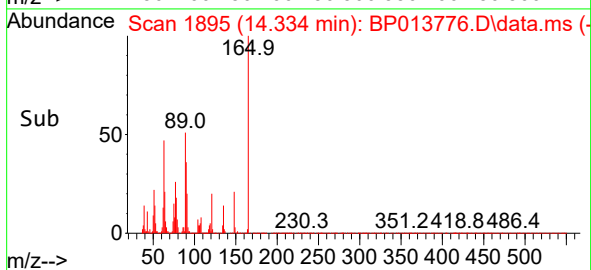
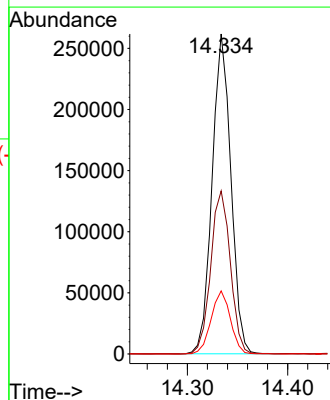
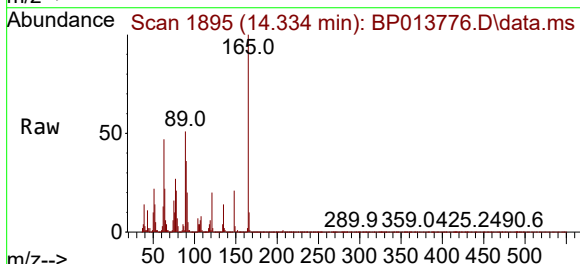
Instrument :
BNA_P
ClientSampleId :
SLCS652

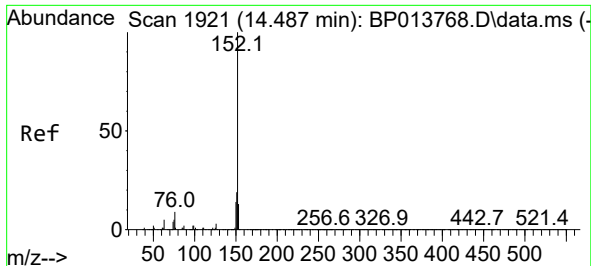
Tgt Ion:163 Resp: 1869255
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 10.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 40.085 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:165 Resp: 340742
Ion Ratio Lower Upper
165 100
89 51.0 44.6 67.0
121 19.7 15.8 23.6

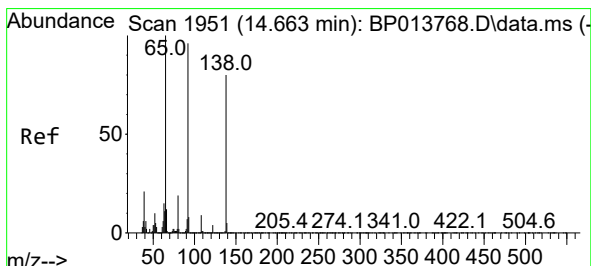
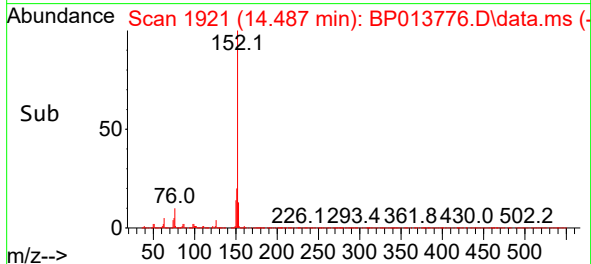
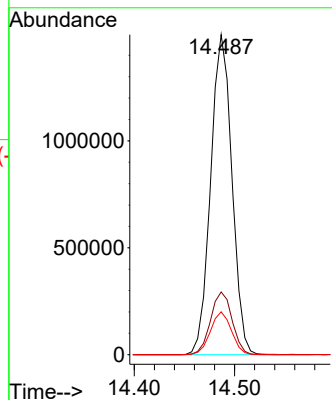
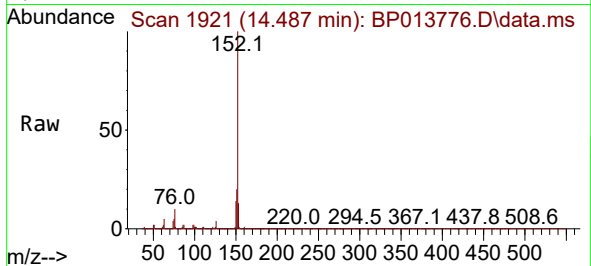




#50
Acenaphthylene
Concen: 31.267 ng/ul
RT: 14.487 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

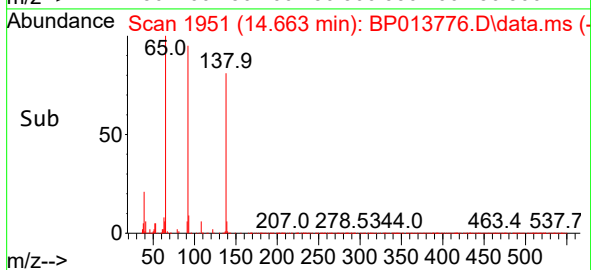
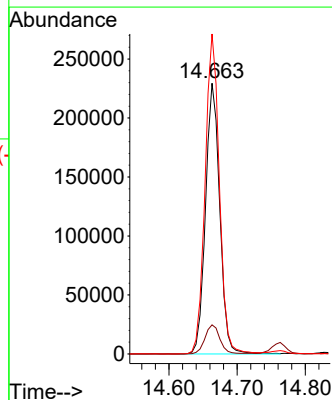
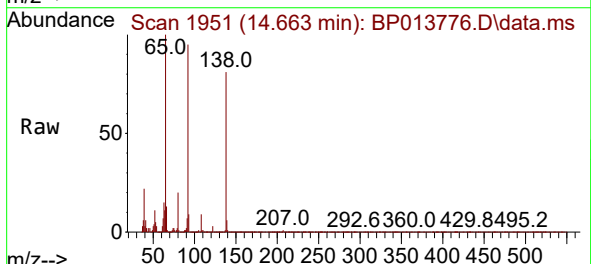
Instrument :
BNA_P
ClientSampleId :
SLCS652

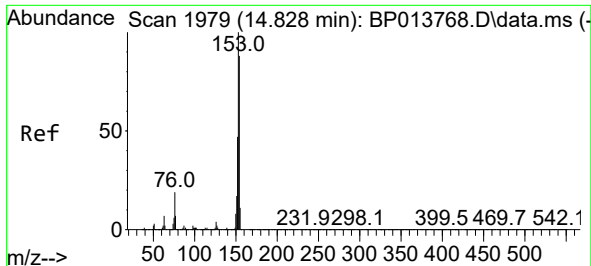
Tgt Ion:152 Resp: 2205447
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.4 10.7 16.1



#51
3-Nitroaniline
Concen: 37.139 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:138 Resp: 333689
Ion Ratio Lower Upper
138 100
108 10.8 10.0 15.0
92 118.2 94.8 142.2

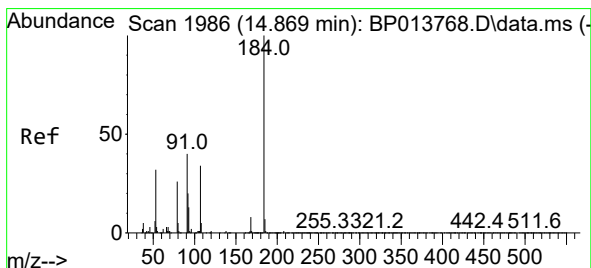
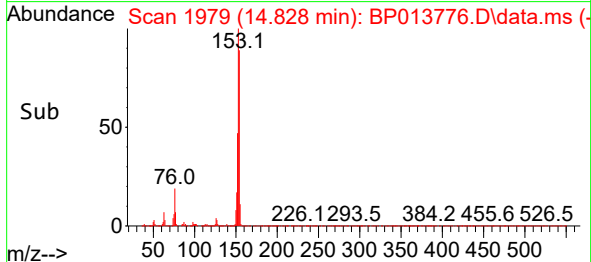
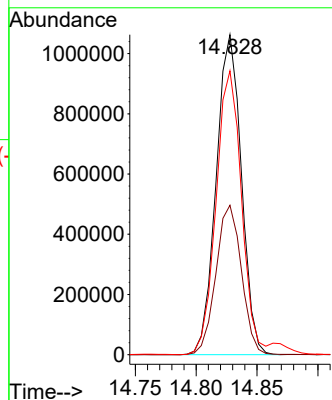
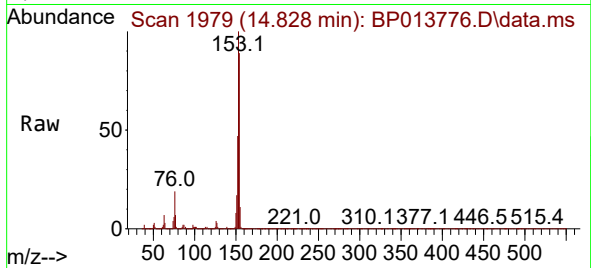




#52
Acenaphthene
Concen: 31.611 ng/ul
RT: 14.828 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

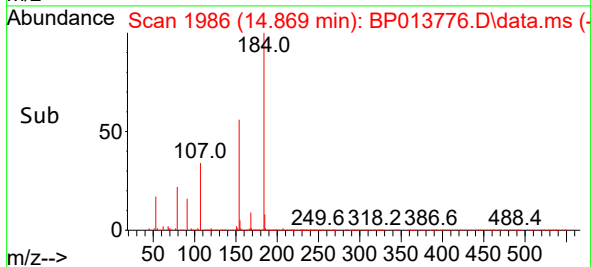
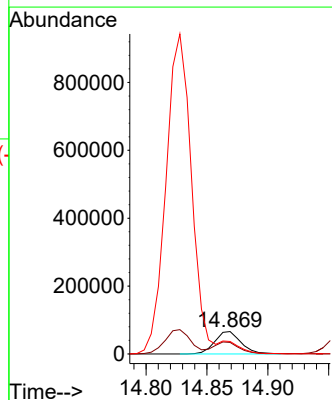
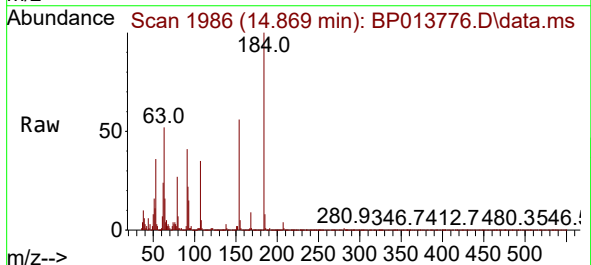
Instrument :
BNA_P
ClientSampleId :
SLCS652

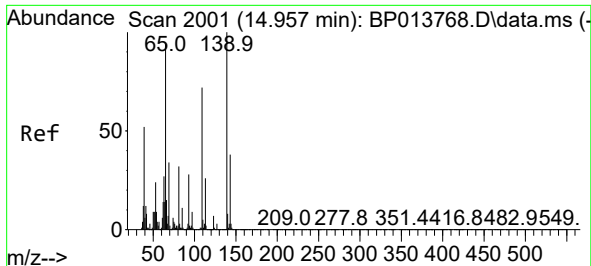
Tgt Ion:153 Resp: 1532312
Ion Ratio Lower Upper
153 100
152 46.7 38.1 57.1
154 88.7 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 15.054 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:184 Resp: 99395
Ion Ratio Lower Upper
184 100
63 51.8 42.5 63.7
154 55.6 46.0 69.0

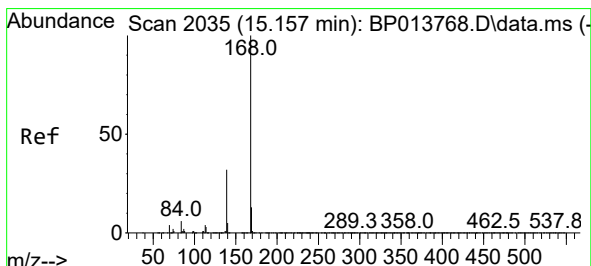
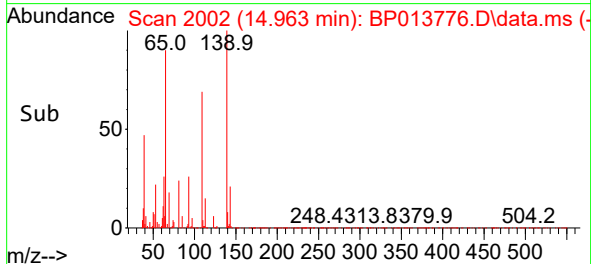
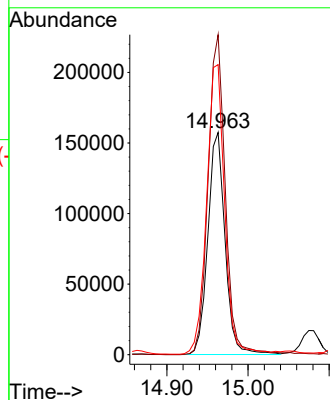
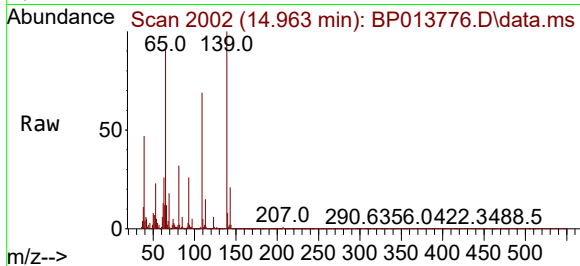




#55
4-Nitrophenol
Concen: 29.746 ng/ul
RT: 14.963 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

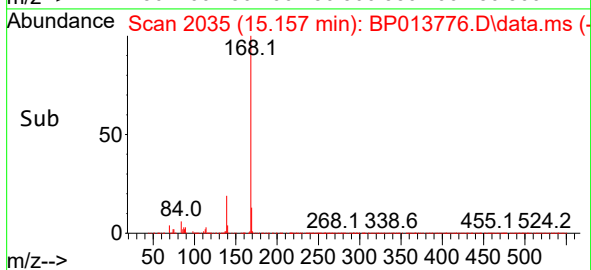
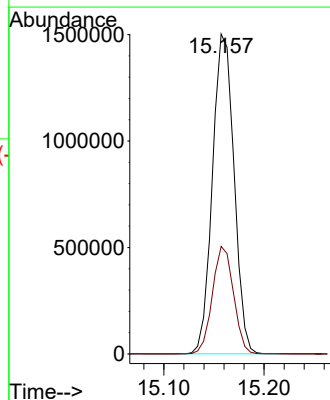
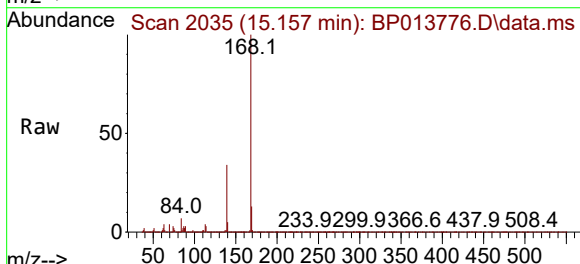
Instrument :
BNA_P
ClientSampleId :
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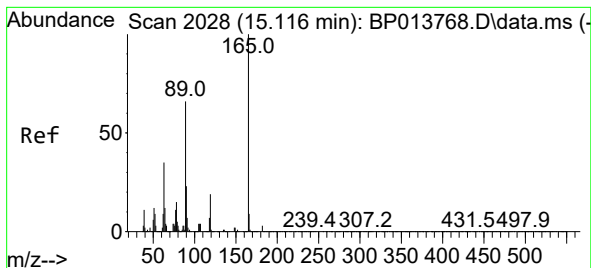
Tgt Ion:109 Resp: 231400
Ion Ratio Lower Upper
109 100
139 144.0 109.1 163.7
65 130.6 103.5 155.3



#56
Dibenzofuran
Concen: 31.862 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:168 Resp: 2243435
Ion Ratio Lower Upper
168 100
139 33.6 27.2 40.8

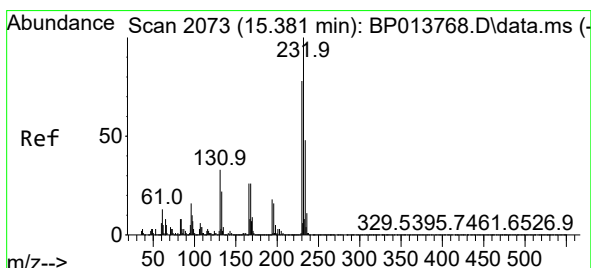
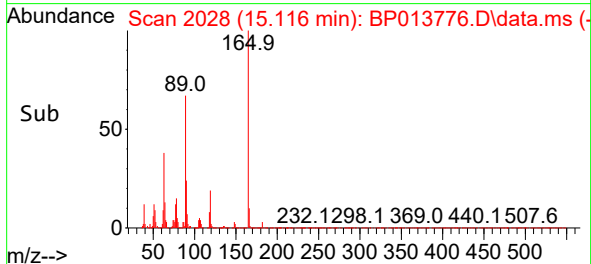
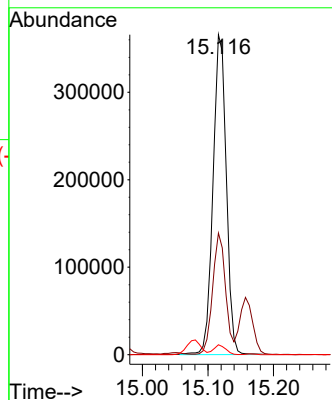
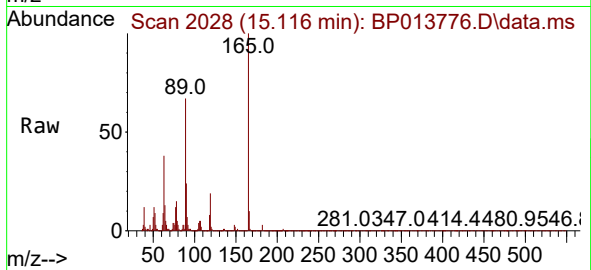




#57
2,4-Dinitrotoluene
Concen: 38.539 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

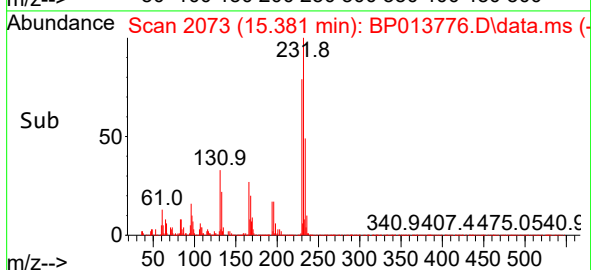
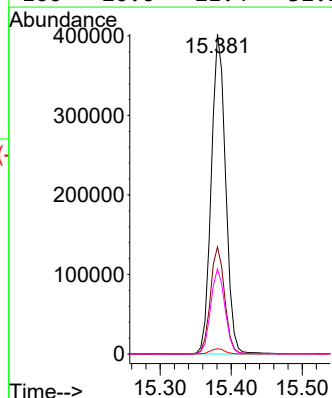
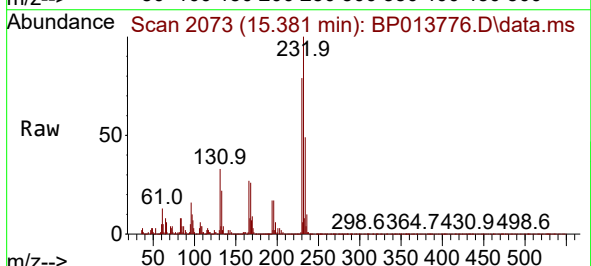
Instrument :
BNA_P
ClientSampleId :
SLCS652

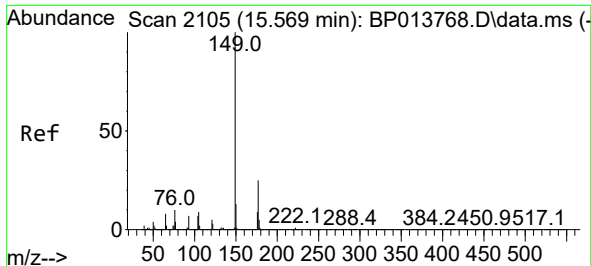
Tgt Ion:165 Resp: 514550
Ion Ratio Lower Upper
165 100
63 38.0 29.4 44.2
182 3.1 2.0 3.0#



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.744 ng/ul
RT: 15.381 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:232 Resp: 563688
Ion Ratio Lower Upper
232 100
131 33.5 28.3 42.5
130 1.6 1.5 2.3
166 26.6 21.4 32.2

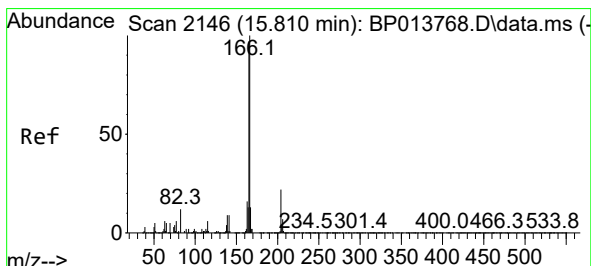
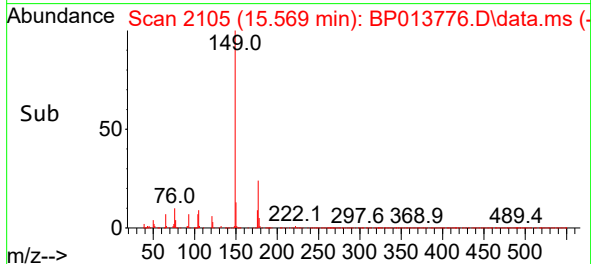
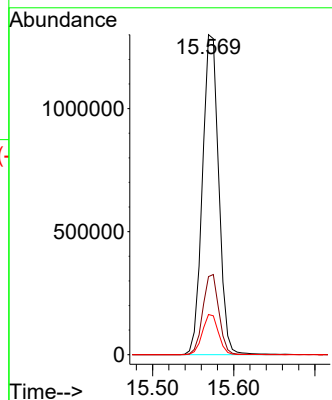
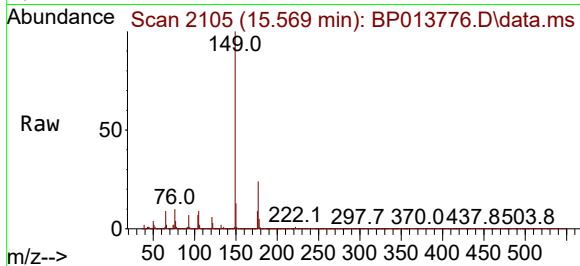




#59
Diethylphthalate
Concen: 31.611 ng/ul
RT: 15.569 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

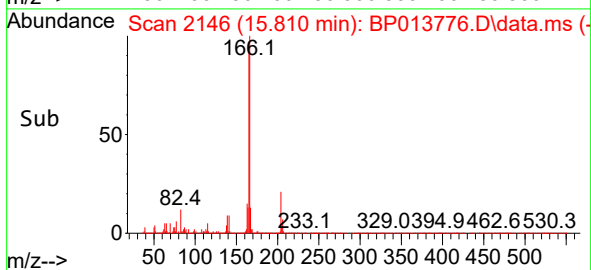
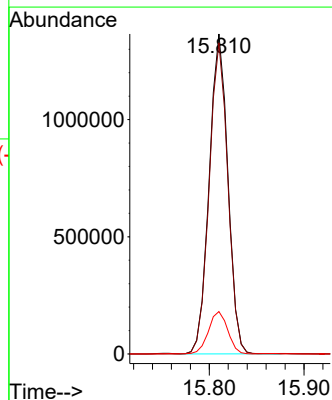
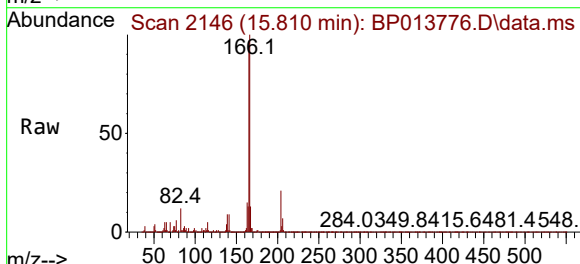
Instrument :
BNA_P
ClientSampleId :
SLCS652

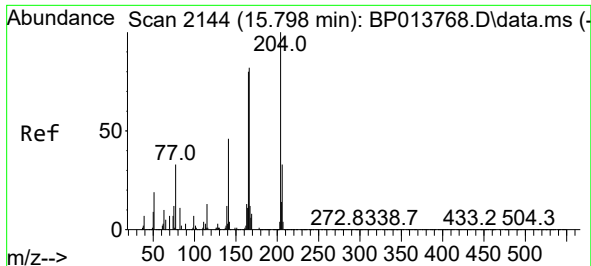
Tgt Ion:149 Resp: 1810138
Ion Ratio Lower Upper
149 100
177 24.4 19.2 28.8
150 12.5 10.0 15.0



#61
Fluorene
Concen: 32.517 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:166 Resp: 1863242
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.3 10.9 16.3

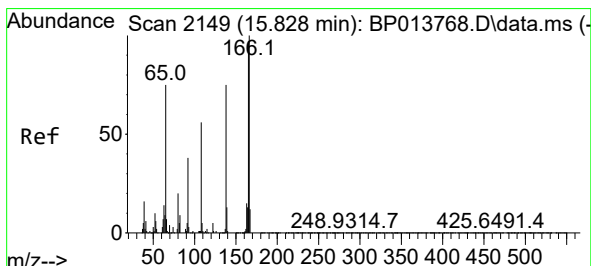
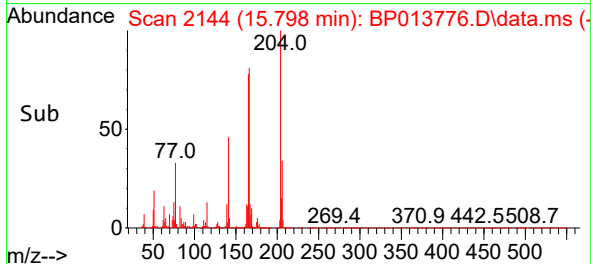
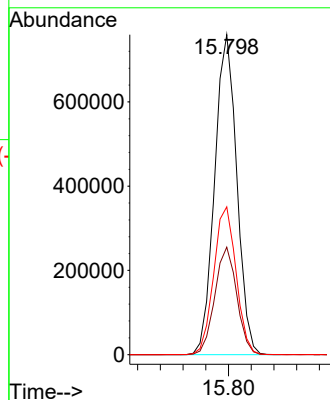
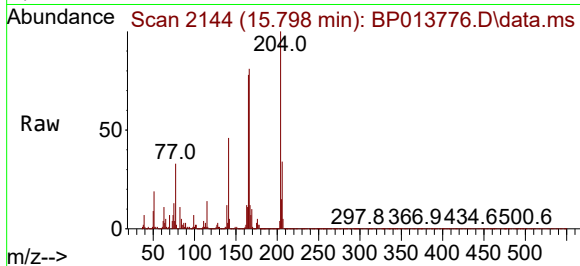




#62
4-Chlorophenyl-phenylether
Concen: 32.943 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

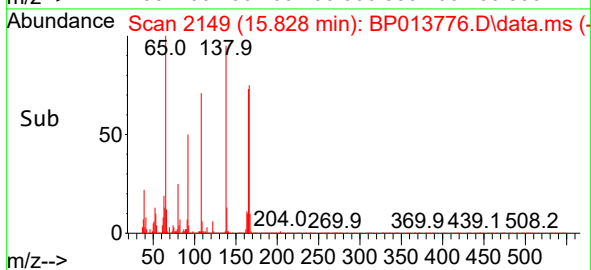
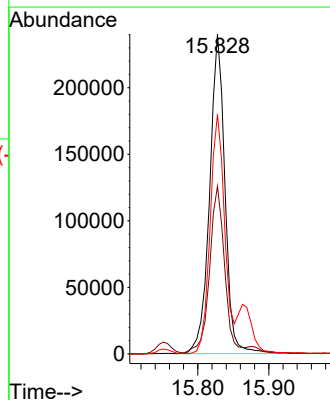
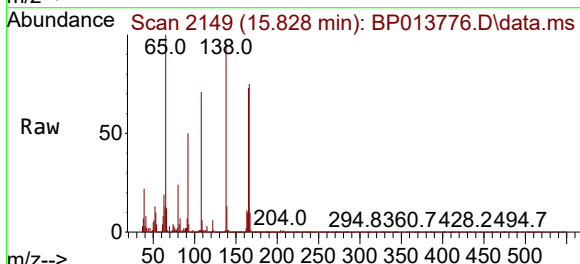
Instrument :
BNA_P
ClientSampleId :
SLCS652

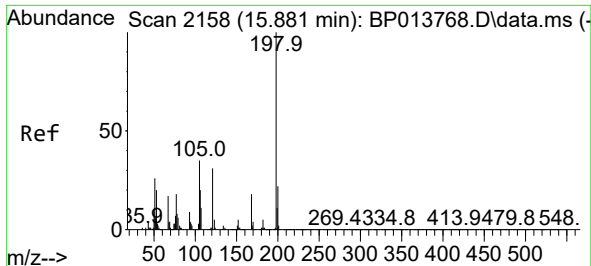
Tgt Ion:204 Resp: 1028417
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 46.2 39.7 59.5



#63
4-Nitroaniline
Concen: 42.864 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:138 Resp: 360616
Ion Ratio Lower Upper
138 100
92 52.4 41.7 62.5
108 74.9 62.0 93.0

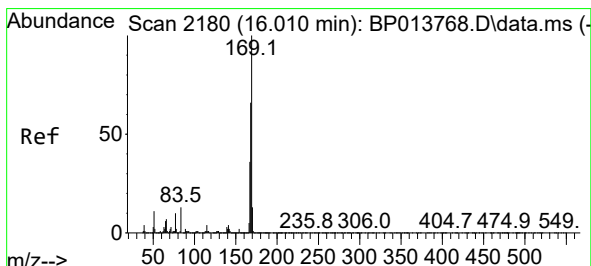
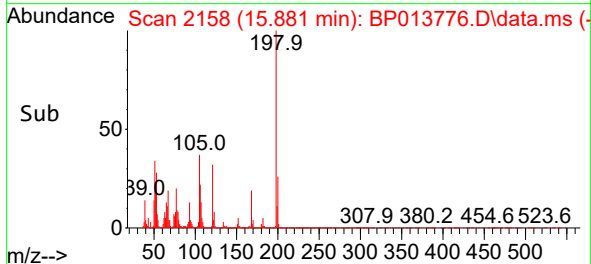
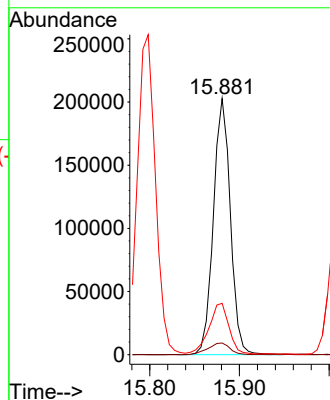
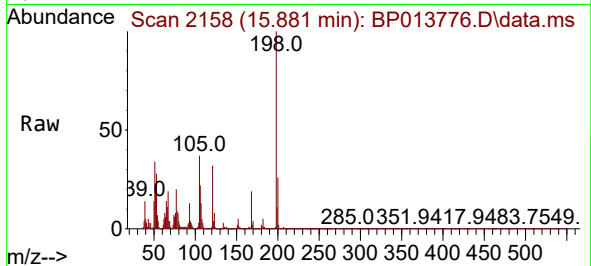




#66
4,6-Dinitro-2-methylphenol
Concen: 24.830 ng/ul
RT: 15.881 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

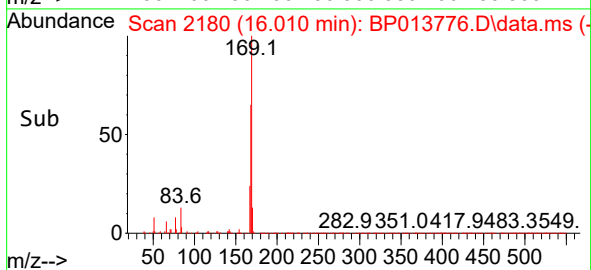
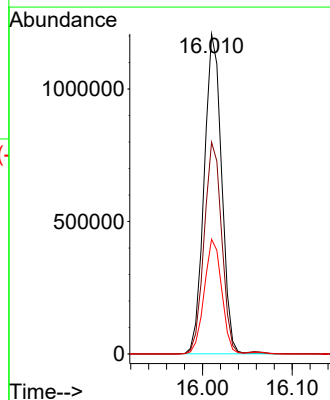
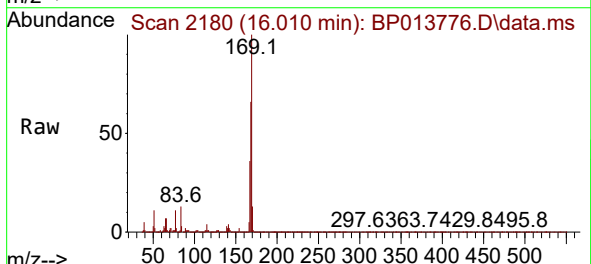
Instrument :
BNA_P
ClientSampleId :
SLCS652

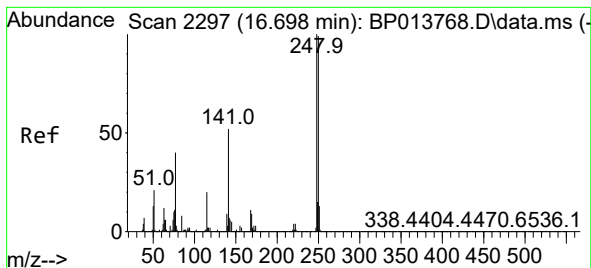
Tgt Ion:198 Resp: 266763
Ion Ratio Lower Upper
198 100
182 4.6 3.5 5.3
77 20.1 16.7 25.1



#67
N-Nitrosodiphenylamine
Concen: 31.364 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:169 Resp: 1630756
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 35.9 28.9 43.3

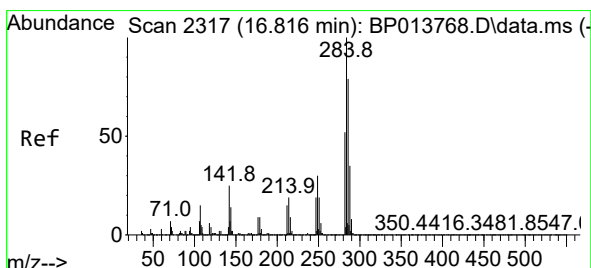
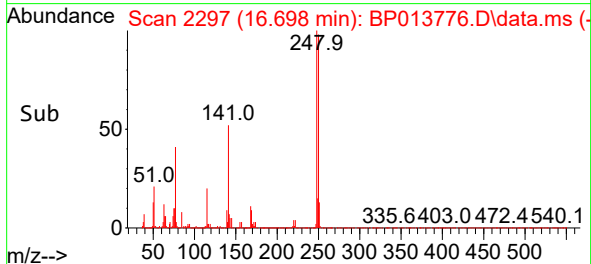
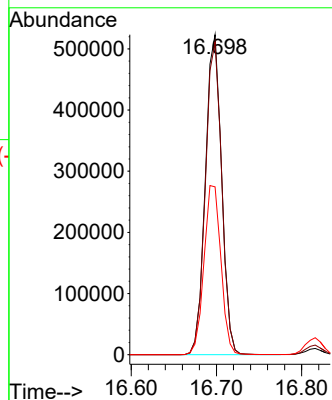
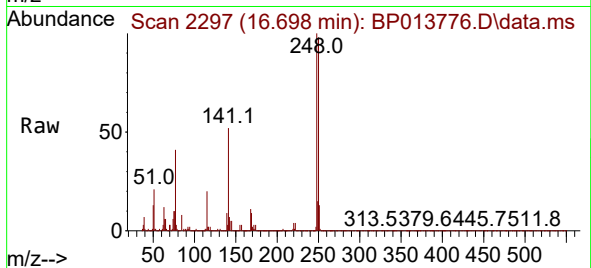




#68
4-Bromophenyl-phenylether
Concen: 31.626 ng/ul
RT: 16.698 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

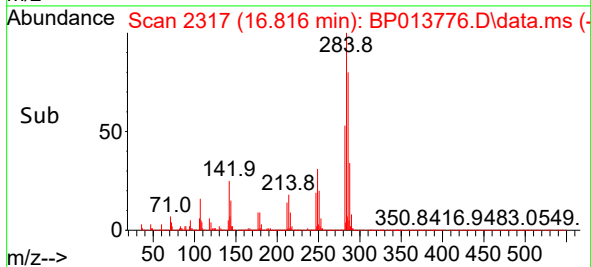
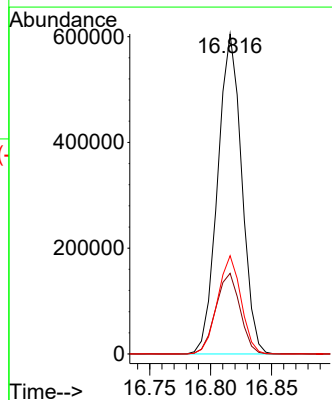
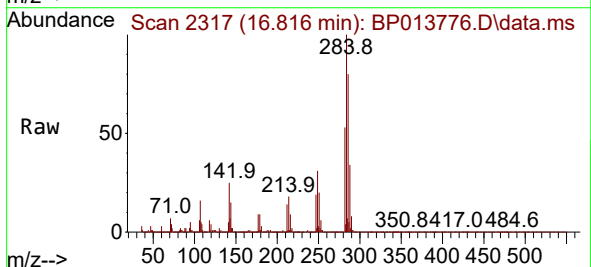
Instrument :
BNA_P
ClientSampleId :
SLCS652

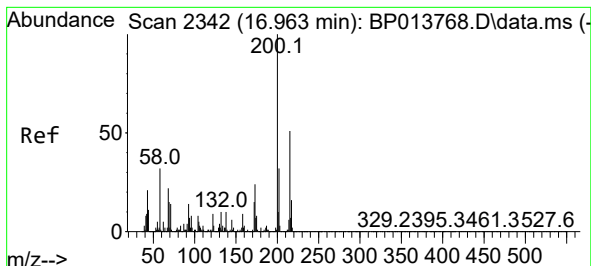
Tgt Ion:248 Resp: 693127
Ion Ratio Lower Upper
248 100
250 97.7 78.4 117.6
141 52.4 44.2 66.2



#69
Hexachlorobenzene
Concen: 32.284 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:284 Resp: 830092
Ion Ratio Lower Upper
284 100
142 25.2 21.4 32.2
249 30.7 24.5 36.7





#70

Atrazine

Concen: 25.583 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

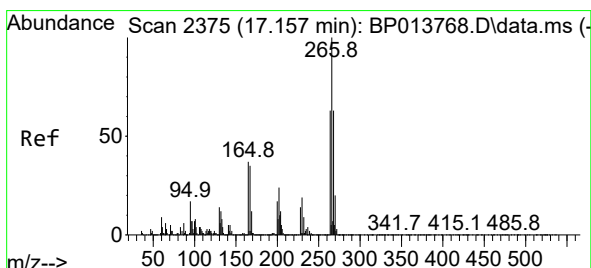
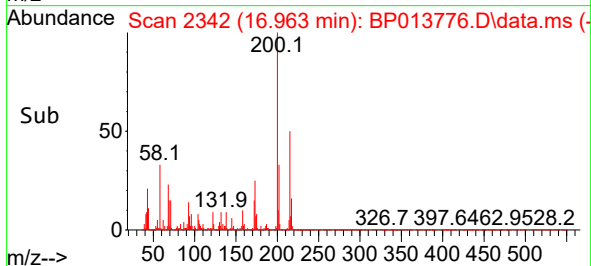
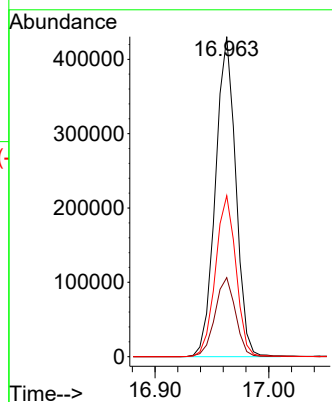
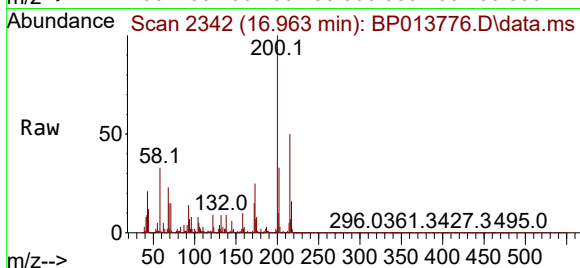
Tgt Ion:200 Resp: 535366

Ion Ratio Lower Upper

200 100

173 24.7 19.4 29.2

215 50.3 40.2 60.4



#71

Pentachlorophenol

Concen: 30.082 ng/ul

RT: 17.163 min Scan# 2376

Delta R.T. 0.000 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

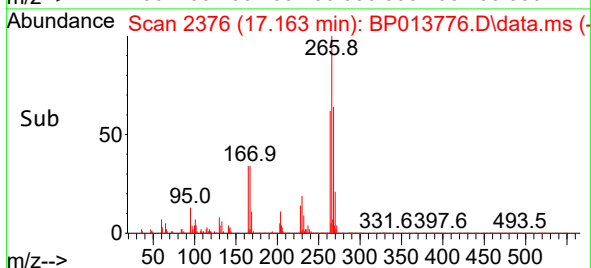
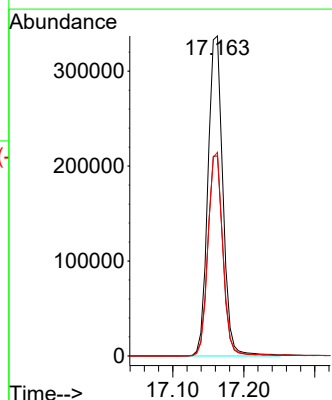
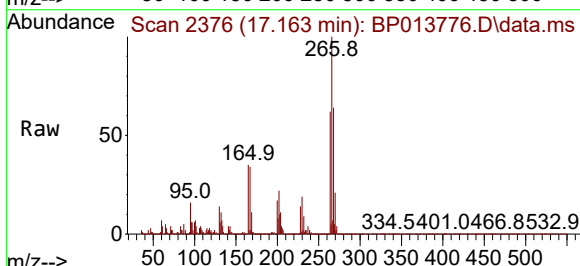
Tgt Ion:266 Resp: 493699

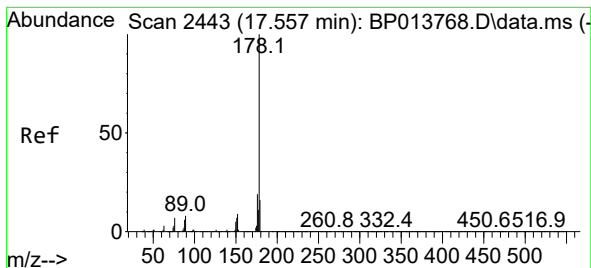
Ion Ratio Lower Upper

266 100

264 62.5 51.2 76.8

268 63.6 51.8 77.8





#72

Phenanthrene

Concen: 32.285 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

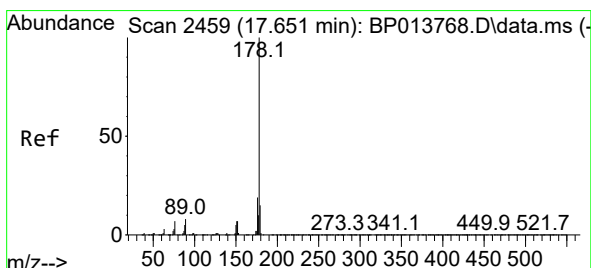
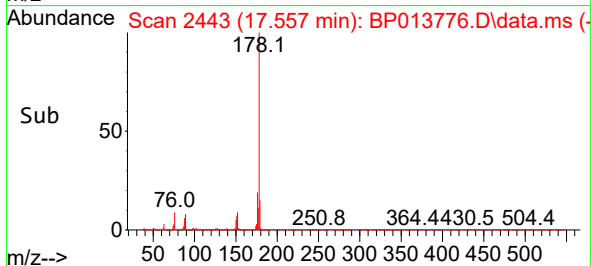
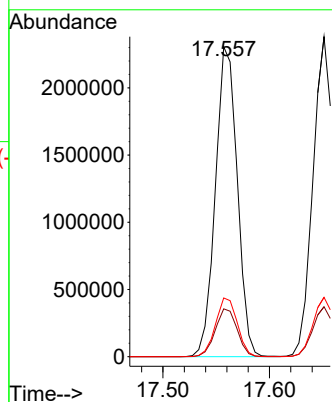
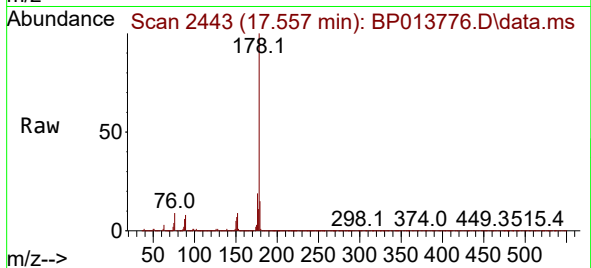
Tgt Ion:178 Resp: 3285197

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 19.0 15.4 23.2



#74

Anthracene

Concen: 31.795 ng/ul

RT: 17.651 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

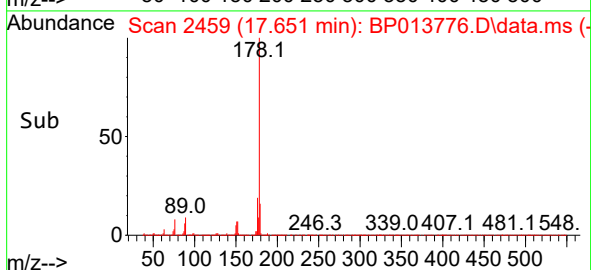
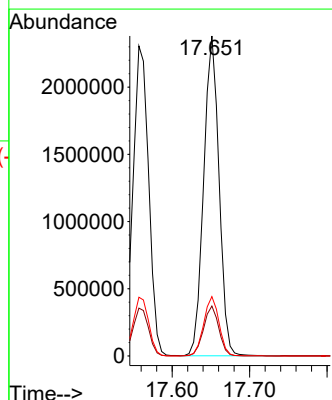
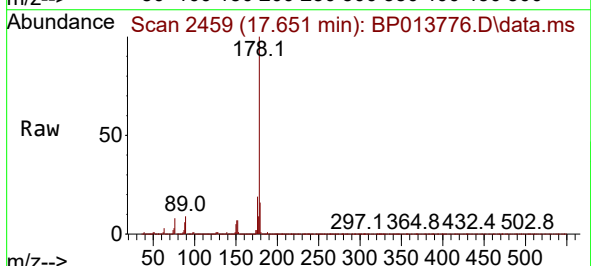
Tgt Ion:178 Resp: 3276852

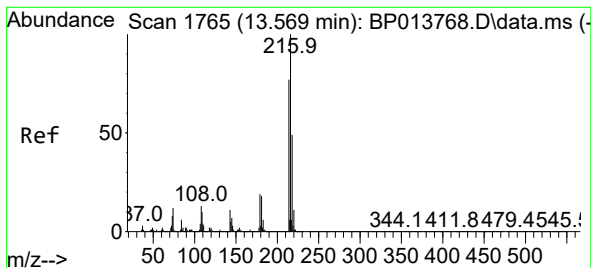
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 18.5 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.840 ng/uL

RT: 13.569 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

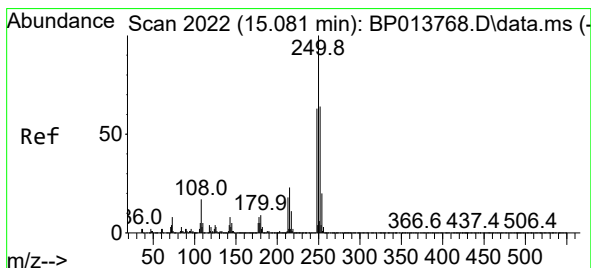
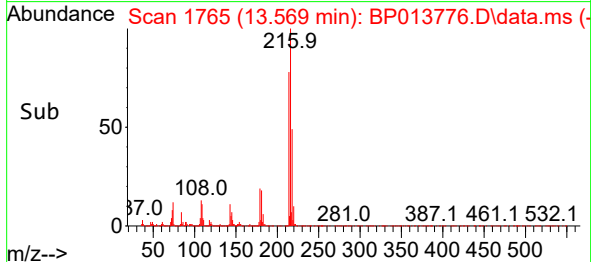
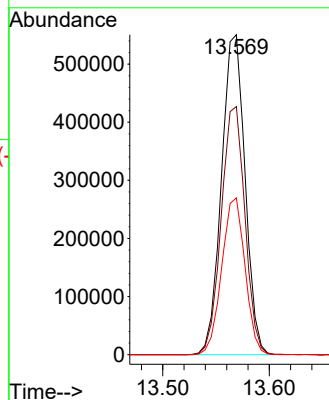
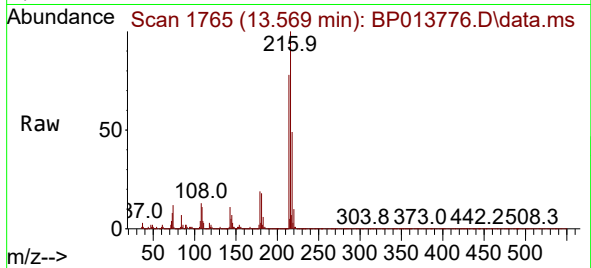
Tgt Ion:216 Resp: 846369

Ion Ratio Lower Upper

216 100

214 77.6 61.4 92.0

218 49.0 38.4 57.6



#76

Pentachlorobenzene

Concen: 30.611 ng/uL

RT: 15.081 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

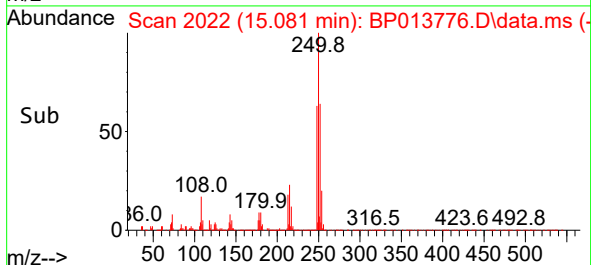
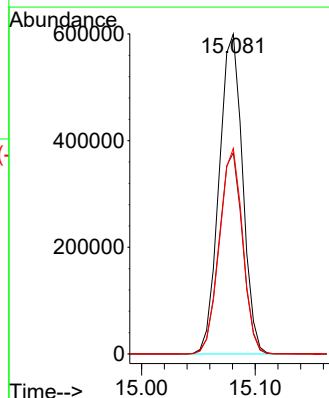
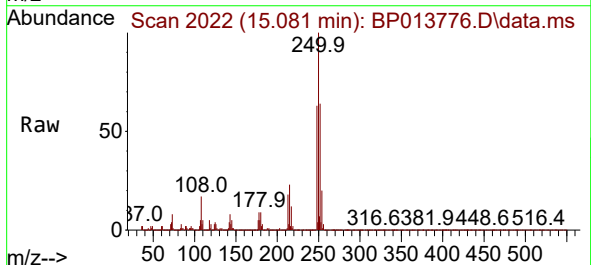
Tgt Ion:250 Resp: 861245

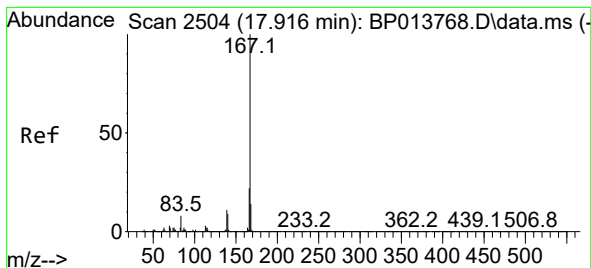
Ion Ratio Lower Upper

250 100

248 62.9 50.3 75.5

252 64.2 51.8 77.8





#77

Carbazole

Concen: 33.246 ng/ul

RT: 17.916 min Scan# 2504

Delta R.T. 0.000 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

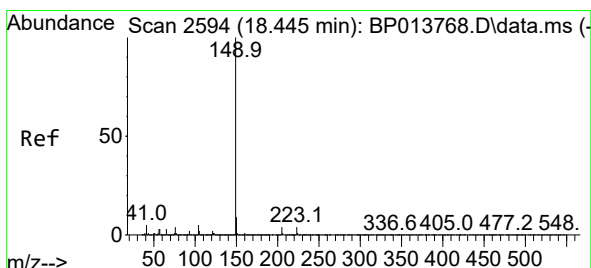
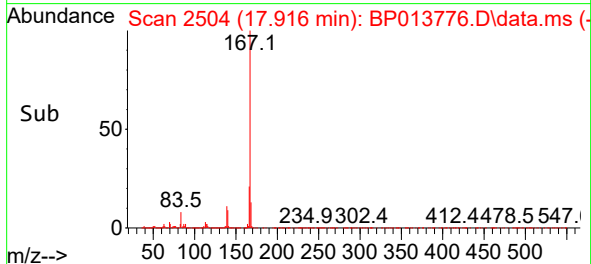
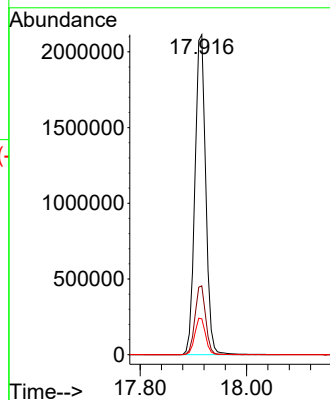
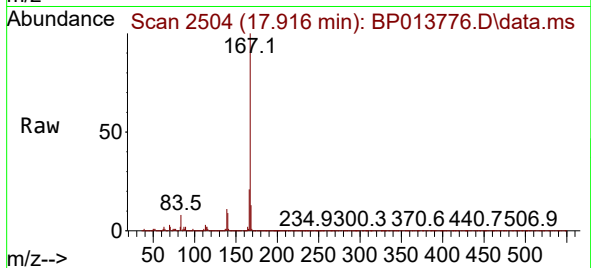
Tgt Ion:167 Resp: 2972485

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 11.2 9.4 14.2



#78

Di-n-butylphthalate

Concen: 30.929 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

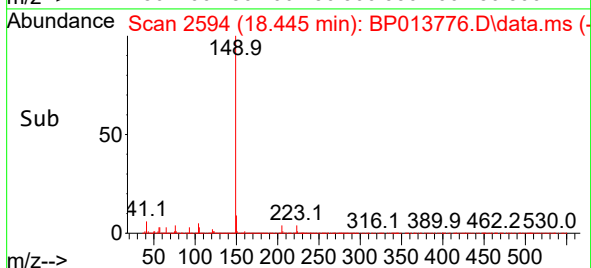
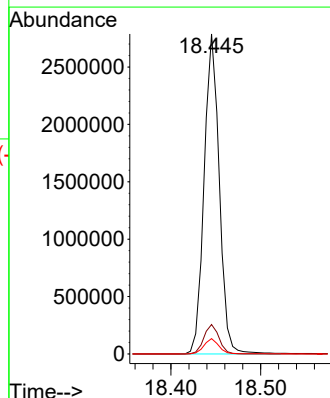
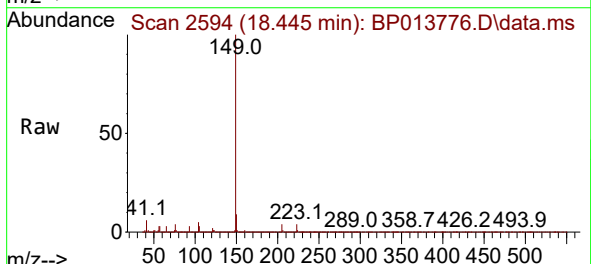
Tgt Ion:149 Resp: 3267443

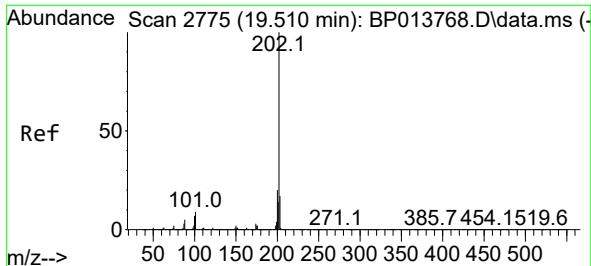
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.8 3.8 5.8

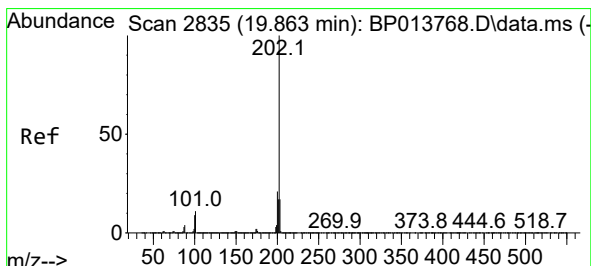
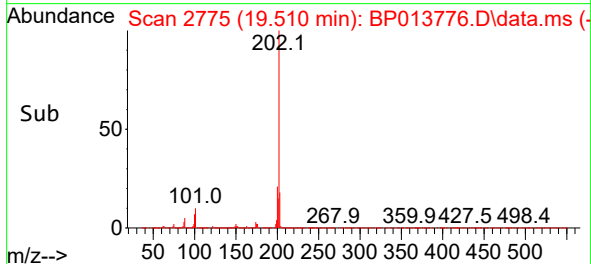
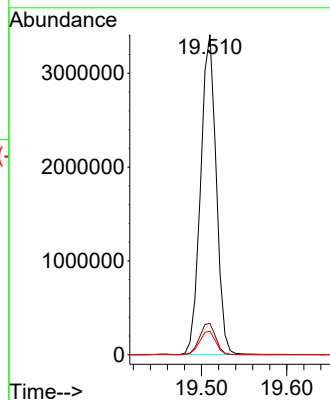
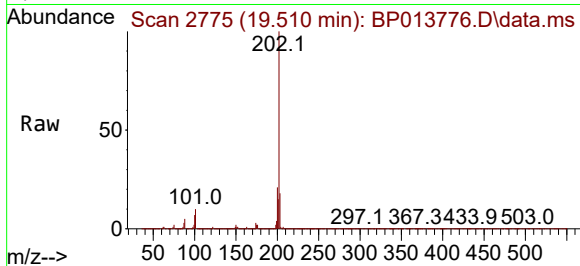




#80
Fluoranthene
Concen: 30.740 ng/ul
RT: 19.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

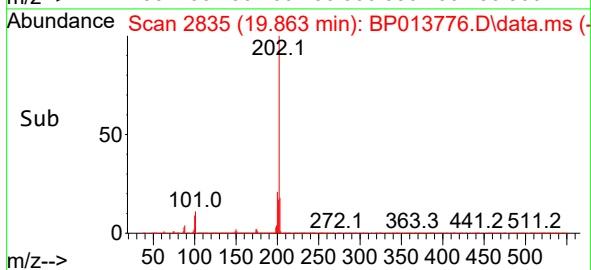
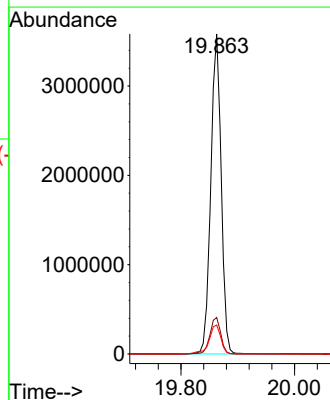
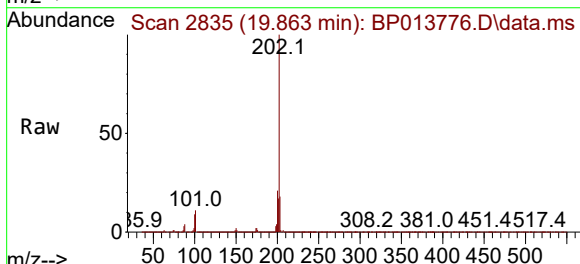
Instrument :
BNA_P
ClientSampleId :
SLCS652

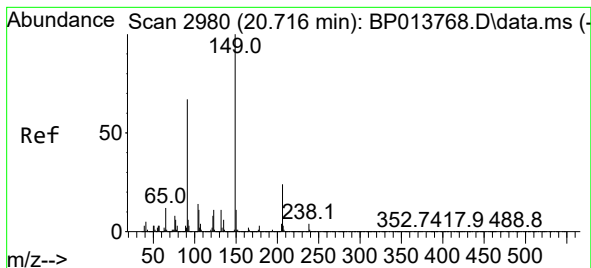
Tgt Ion:202 Resp: 4330470
Ion Ratio Lower Upper
202 100
101 9.8 7.6 11.4
100 7.4 5.7 8.5



#82
Pyrene
Concen: 31.325 ng/ul
RT: 19.863 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP013776.D
Acq: 06 Feb 2023 17:32

Tgt Ion:202 Resp: 4511736
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 9.1 7.3 10.9





#83

Butylbenzylphthalate

Concen: 33.302 ng/ul

RT: 20.716 min Scan# 2980

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

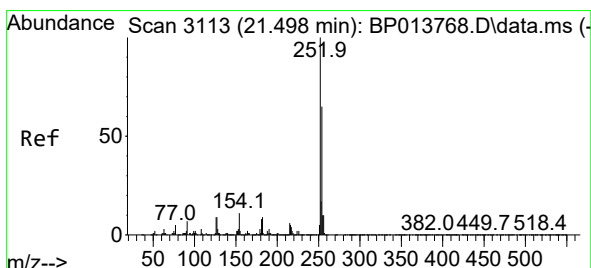
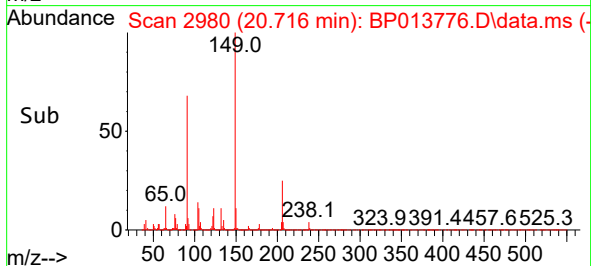
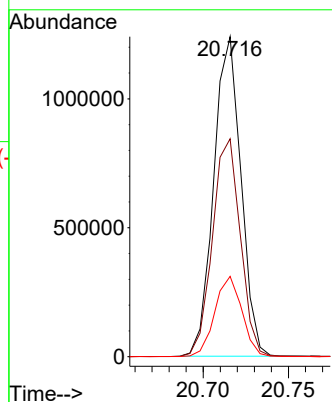
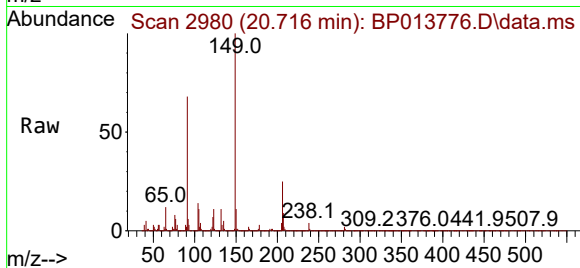
Tgt Ion:149 Resp: 1378056

Ion Ratio Lower Upper

149 100

91 68.1 53.9 80.9

206 25.1 19.4 29.2



#84

3,3'-Dichlorobenzidine

Concen: 31.796 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

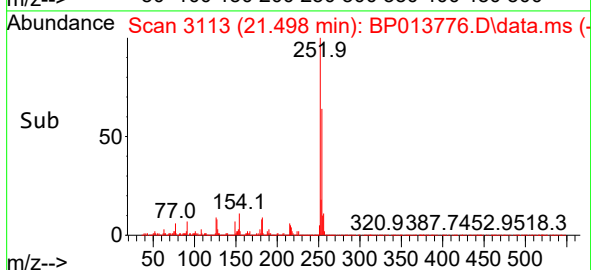
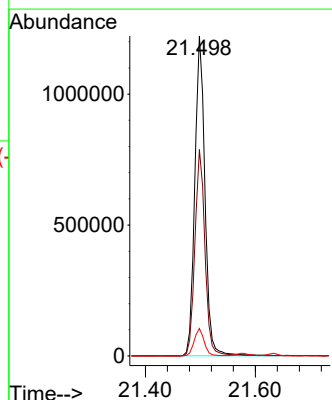
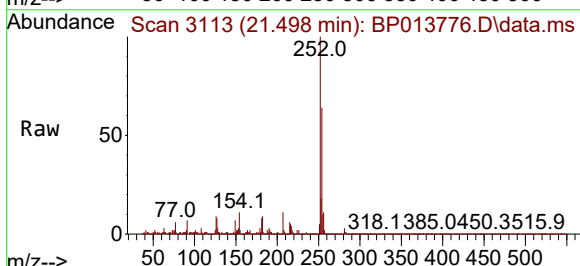
Tgt Ion:252 Resp: 1564974

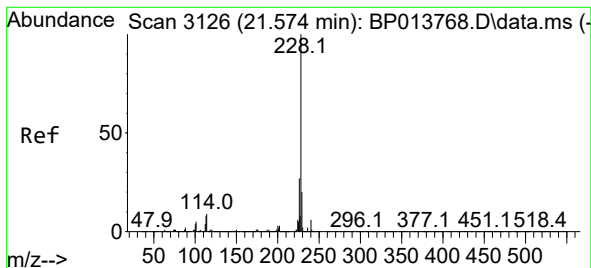
Ion Ratio Lower Upper

252 100

254 64.5 52.6 79.0

126 8.6 7.0 10.6





#85

Benzo(a)anthracene

Concen: 32.590 ng/ul

RT: 21.575 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

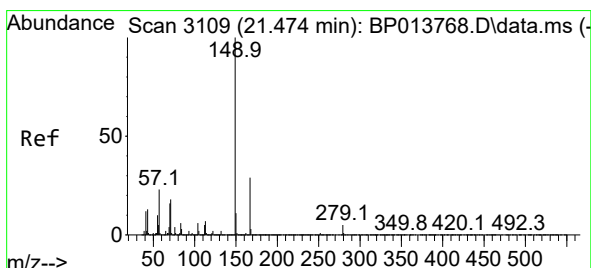
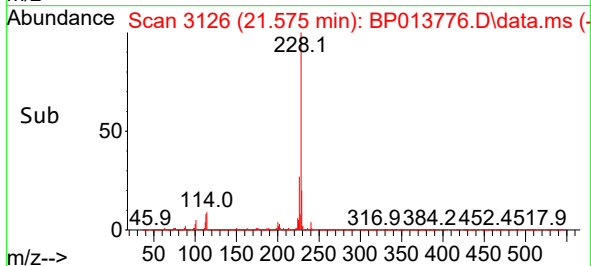
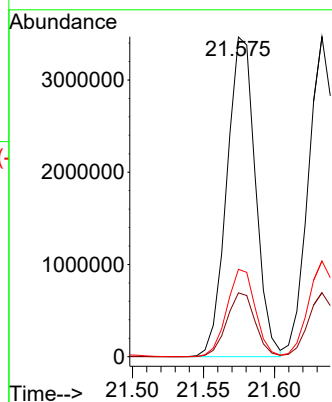
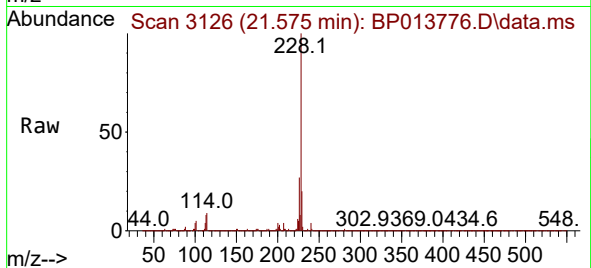
Tgt Ion:228 Resp: 4855231

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.8

226 27.3 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.912 ng/ul

RT: 21.475 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

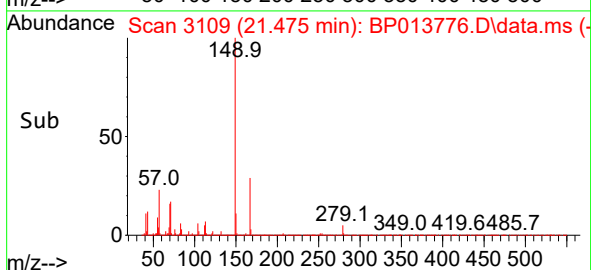
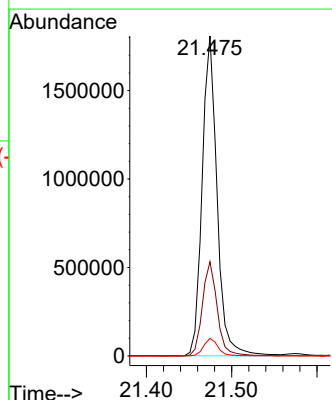
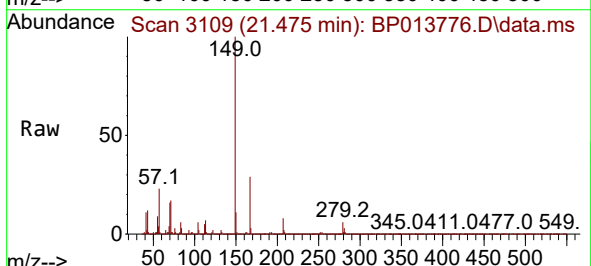
Tgt Ion:149 Resp: 2193073

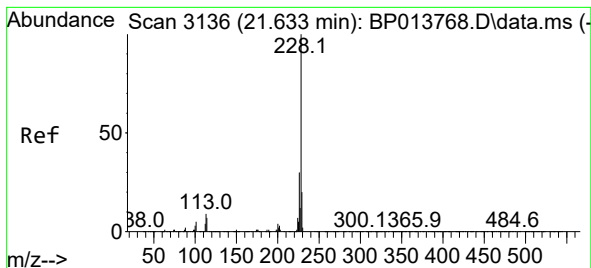
Ion Ratio Lower Upper

149 100

167 29.4 22.7 34.1

279 5.5 3.9 5.9





#87

Chrysene

Concen: 32.996 ng/ul

RT: 21.633 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

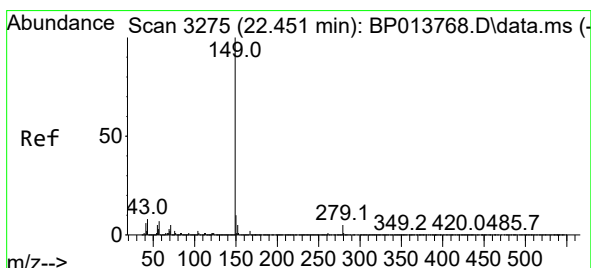
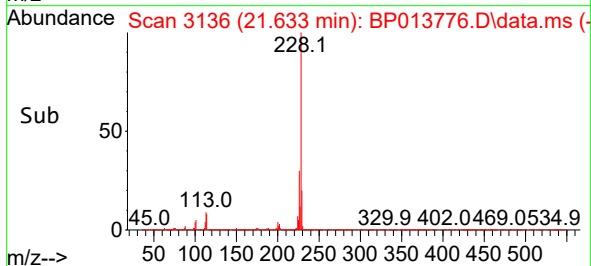
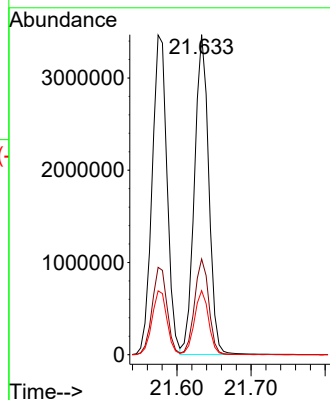
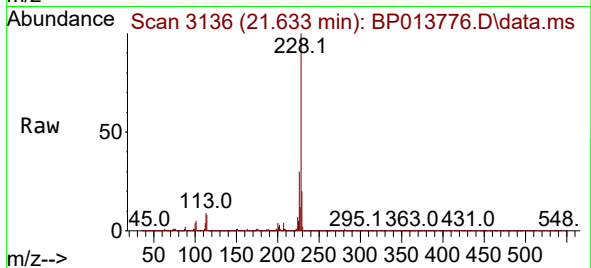
Tgt Ion:228 Resp: 4627940

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

229 20.0 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 31.651 ng/ul

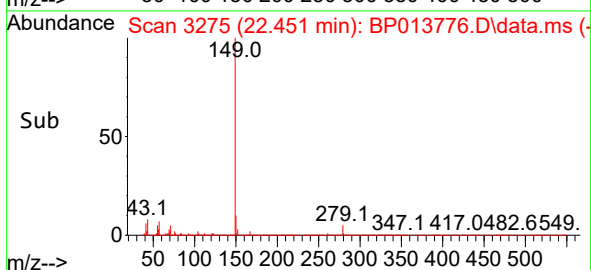
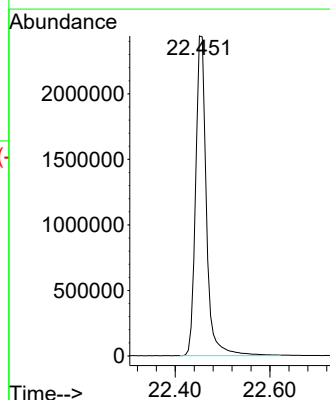
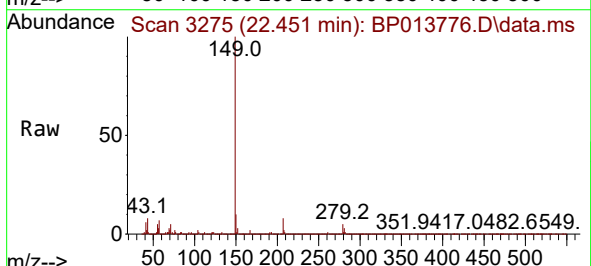
RT: 22.451 min Scan# 3275

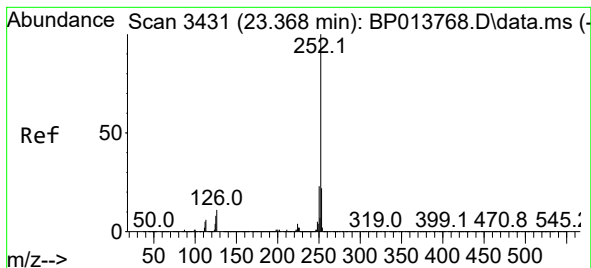
Delta R.T. -0.012 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Tgt Ion:149 Resp: 3857113





#90

Benzo(b)fluoranthene

Concen: 33.960 ng/ul

RT: 23.369 min Scan# 3431

Delta R.T. -0.012 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

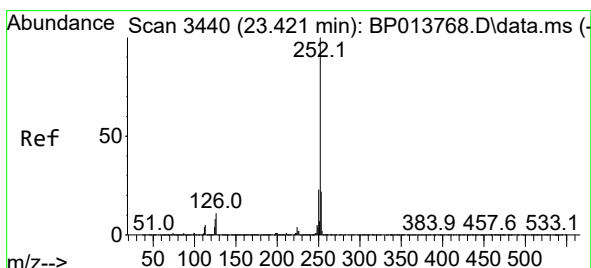
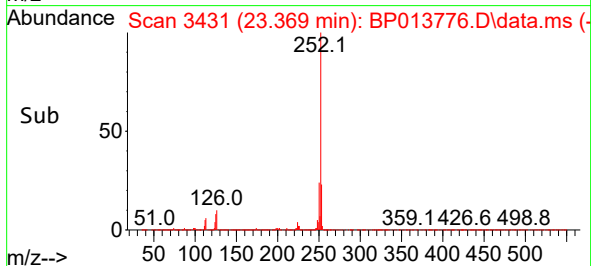
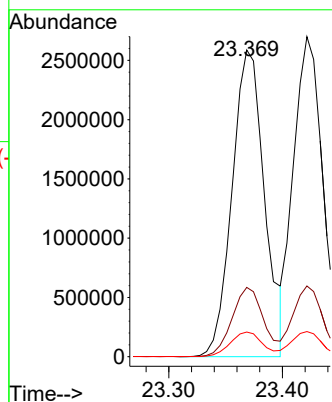
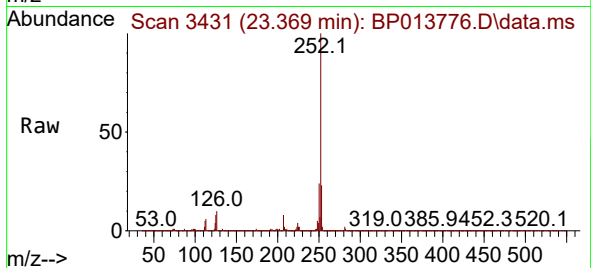
Tgt Ion:252 Resp: 5128584

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 8.0 6.5 9.7



#91

Benzo(k)fluoranthene

Concen: 33.761 ng/ul

RT: 23.421 min Scan# 3440

Delta R.T. -0.012 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

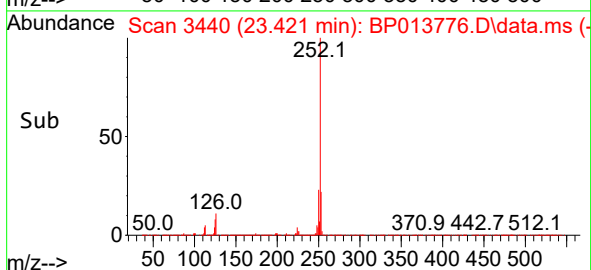
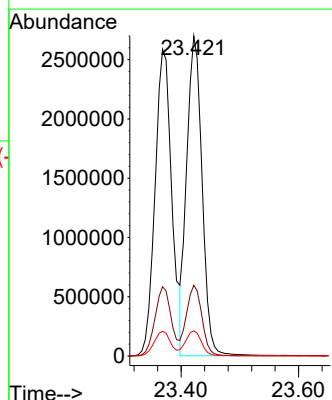
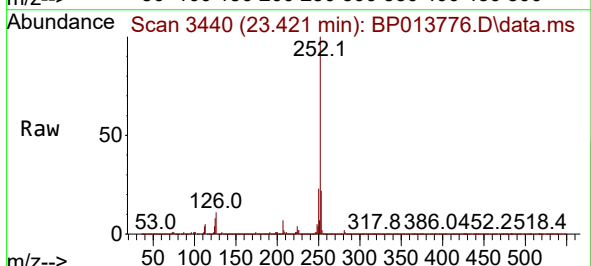
Tgt Ion:252 Resp: 4872871

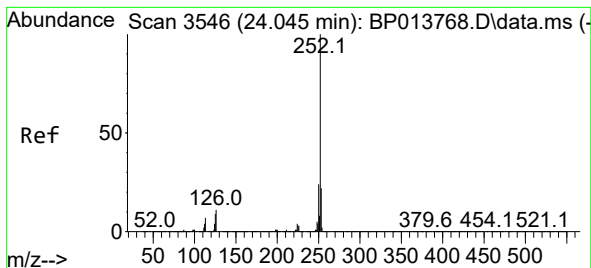
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.8 6.7 10.1





#93

Benzo(a)pyrene

Concen: 33.259 ng/ul

RT: 24.051 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

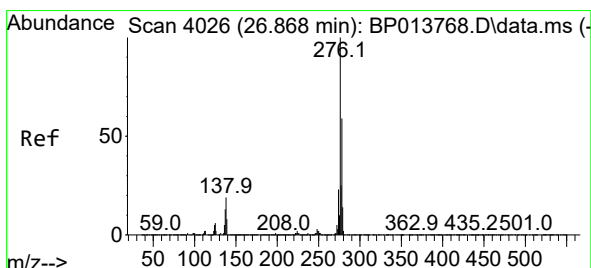
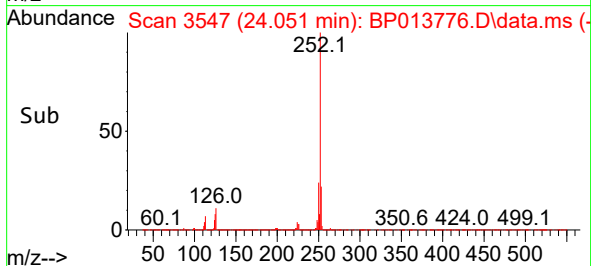
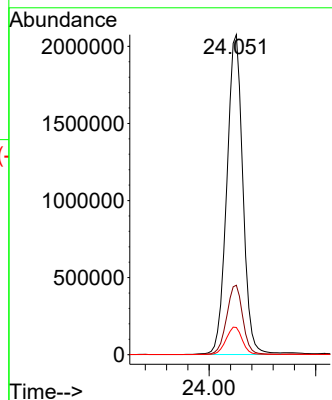
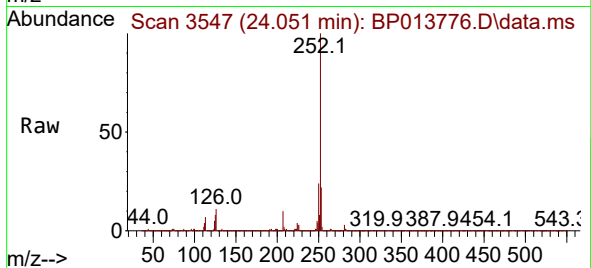
Tgt Ion:252 Resp: 4336224

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.5 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.729 ng/ul

RT: 26.874 min Scan# 4027

Delta R.T. -0.012 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

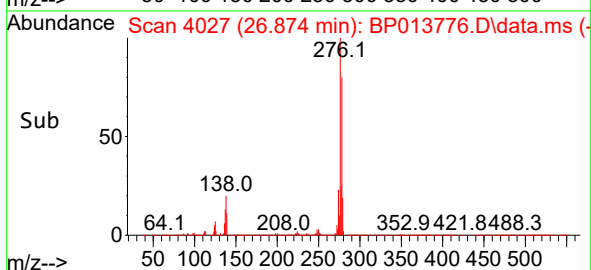
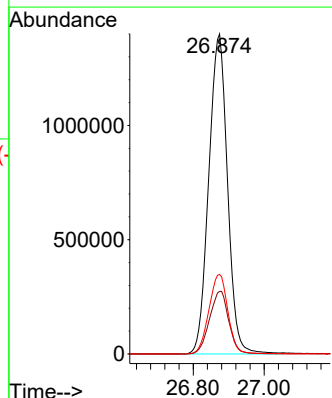
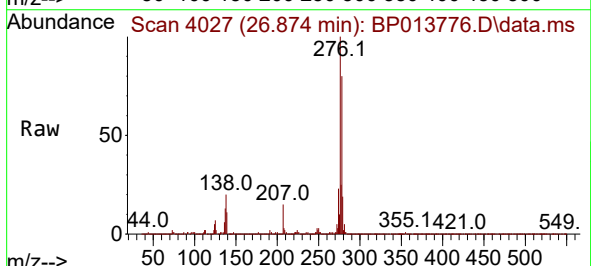
Tgt Ion:276 Resp: 5125318

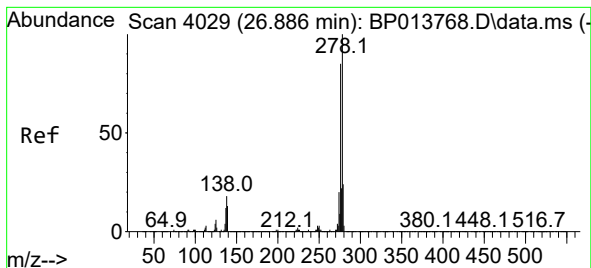
Ion Ratio Lower Upper

276 100

138 19.6 15.0 22.6

277 24.9 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 32.099 ng/ul

RT: 26.886 min Scan# 4029

Delta R.T. -0.018 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Instrument :

BNA_P

ClientSampleId :

SLCS652

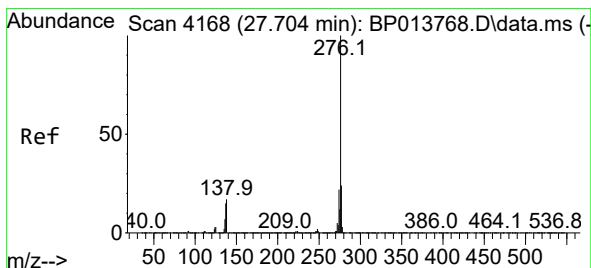
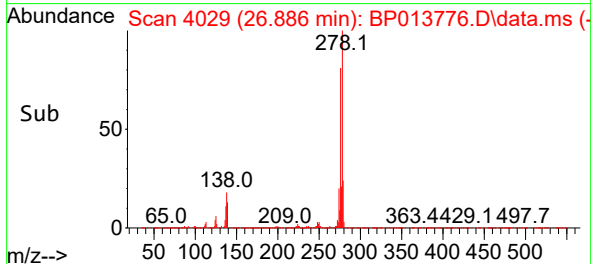
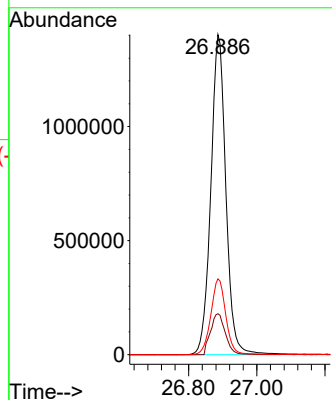
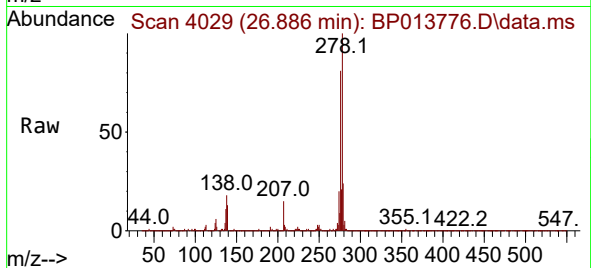
Tgt Ion:278 Resp: 4298521

Ion Ratio Lower Upper

278 100

139 12.8 10.2 15.4

279 23.7 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 32.014 ng/ul

RT: 27.709 min Scan# 4169

Delta R.T. -0.012 min

Lab File: BP013776.D

Acq: 06 Feb 2023 17:32

Tgt Ion:276 Resp: 4091125

Ion Ratio Lower Upper

276 100

138 17.0 14.3 21.5

277 23.8 19.2 28.8

