

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041223\
 Data File : BP014711.D
 Acq On : 13 Apr 2023 13:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020676

Quant Time: Apr 14 00:56:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 13 02:01:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	103511	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	431078	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	252299	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	461237	20.000	ng/u1	0.00
79) Chrysene-d12	21.475	240	438718	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	504991	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	26332	9.865	ng/uL	0.00
4) Pyridine-d5	3.793	84	167594	24.501	ng/u1	0.00
7) Phenol-d5	7.140	99	204770	21.450	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	146752	23.960	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	155229	22.498	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	167009	21.689	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	77009	22.129	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	88314	22.162	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	158079	21.782	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	196425	20.548	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	436172	21.322	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	512167	22.563	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	49840	16.127	ng/u1	0.00
60) Fluorene-d10	15.622	176	360403	21.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	66412	19.568	ng/u1	0.00
73) Anthracene-d10	17.487	188	499129	22.361	ng/u1	0.00
81) Pyrene-d10	19.716	212	545127	18.499	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	598467	22.306	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	29759	10.145	ng/uL	93
5) Pyridine	3.811	79	173909	24.295	ng/u1	90
6) Benzaldehyde	7.117	77	135401	28.535	ng/u1	99
8) Phenol	7.169	94	220454	22.261	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.393	93	178407	22.418	ng/u1	93
12) 2-Chlorophenol	7.534	128	159750	22.245	ng/u1	90
13) 2-Methylphenol	8.428	108	161188	21.826	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	274482	26.269	ng/u1	98
16) Acetophenone	8.811	105	282488	22.216	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.787	70	163275	23.769	ng/u1#	89
18) 4-Methylphenol	8.758	108	173321	21.369	ng/u1	94
19) Hexachloroethane	9.052	117	74634	23.786	ng/u1	91
22) Nitrobenzene	9.193	77	238687	23.875	ng/u1	98
23) Isophorone	9.716	82	416524	22.602	ng/u1	99
25) 2-Nitrophenol	9.905	139	92599	22.016	ng/u1	89
26) 2,4-Dimethylphenol	9.963	107	213631	22.693	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.199	93	246822	22.339	ng/u1	99
29) 2,4-Dichlorophenol	10.446	162	153609	21.508	ng/u1	97
30) Naphthalene	10.840	128	542624	22.598	ng/u1	98
32) 4-Chloroaniline	10.969	127	203774	21.046	ng/u1	97
33) Hexachlorobutadiene	11.110	225	119821	21.176	ng/u1	99
35) 4-Chloro-3-methylphenol	12.093	107	179692	20.455	ng/u1	100
36) 2-Methylnaphthalene	12.452	142	346711	21.306	ng/u1	97
37) 1-Methylnaphthalene	12.669	142	348046	21.566	ng/u1	99

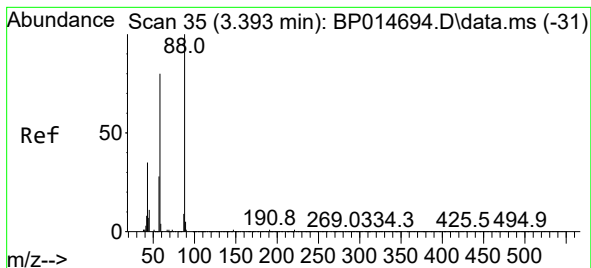
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.816	216	201811	22.435	ng/ul	97
40) Hexachlorocyclopentadiene	12.781	237	112602	19.330	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	121473	21.822	ng/ul	98
42) 2,4,5-Trichlorophenol	13.140	196	123387	20.821	ng/ul	98
43) 1,1'-Biphenyl	13.457	154	472446	23.178	ng/ul	98
44) 2-Chloronaphthalene	13.499	162	366585	22.745	ng/ul	99
45) 2-Nitroaniline	13.722	65	117735	23.589	ng/ul	91
47) Dimethylphthalate	14.081	163	429882	21.017	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	86322	21.601	ng/ul	90
50) Acenaphthylene	14.346	152	551976	22.833	ng/ul	99
51) 3-Nitroaniline	14.551	138	68890	19.243	ng/ul	95
52) Acenaphthene	14.687	153	382801	22.409	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	37448	14.471	ng/ul#	82
55) 4-Nitrophenol	14.869	109	49147	16.113	ng/ul	91
56) Dibenzofuran	15.022	168	523033	21.780	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	115162	20.316	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.257	232	105264	19.764	ng/ul	93
59) Diethylphthalate	15.440	149	416878	20.510	ng/ul	98
61) Fluorene	15.675	166	418107	21.480	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	215372	20.595	ng/ul	97
63) 4-Nitroaniline	15.722	138	49498	17.017	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.769	198	67642	20.566	ng/ul	91
67) N-Nitrosodiphenylamine	15.887	169	335137	23.353	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	123974	21.600	ng/ul	99
69) Hexachlorobenzene	16.681	284	140599	21.327	ng/ul	95
70) Atrazine	16.845	200	114231	21.866	ng/ul	100
71) Pentachlorophenol	17.040	266	74273	19.447	ng/ul	94
72) Phenanthrene	17.428	178	593671	23.136	ng/ul	99
74) Anthracene	17.522	178	599238	23.170	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	204275	25.160	ng/uL	98
76) Pentachlorobenzene	14.940	250	186568	23.030	ng/uL	97
77) Carbazole	17.798	167	483379	22.334	ng/ul	100
78) Di-n-butylphthalate	18.328	149	594413	21.842	ng/ul	99
80) Fluoranthene	19.392	202	636391	18.265	ng/ul	98
82) Pyrene	19.751	202	679016	18.666	ng/ul	99
83) Butylbenzylphthalate	20.610	149	254938	20.346	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	206445	21.277	ng/ul	97
85) Benzo(a)anthracene	21.463	228	689999	22.194	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	374100	21.833	ng/ul#	97
87) Chrysene	21.516	228	657908	22.412	ng/ul	100
89) Di-n-octyl phthalate	22.310	149	678024	20.690	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	746613	21.891	ng/ul	100
91) Benzo(k)fluoranthene	23.257	252	739715	22.331	ng/ul	97
93) Benzo(a)pyrene	23.863	252	659901	22.478	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.592	276	897498	22.221	ng/ul	97
95) Dibenzo(a,h)anthracene	26.610	278	752613	22.256	ng/ul	99
96) Benzo(g,h,i)perylene	27.404	276	744005	22.599	ng/ul	99

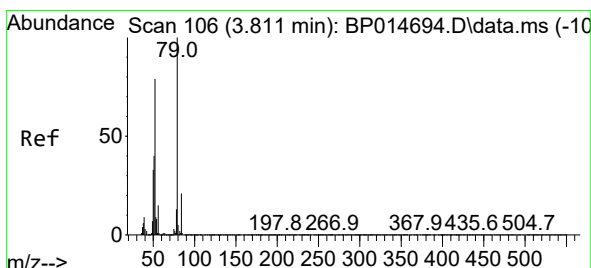
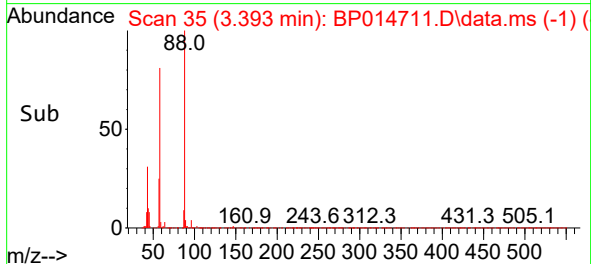
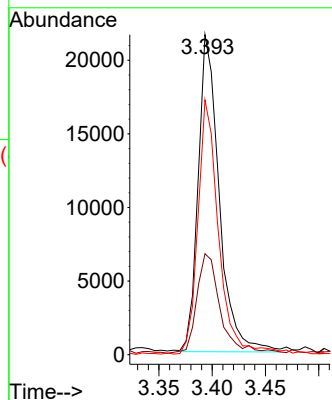
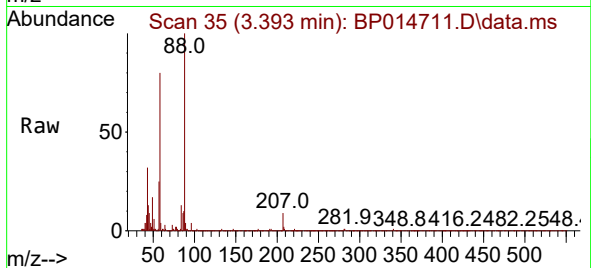
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#2
1,4-Dioxane
Concen: 10.145 ng/uL
RT: 3.393 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP014711.D
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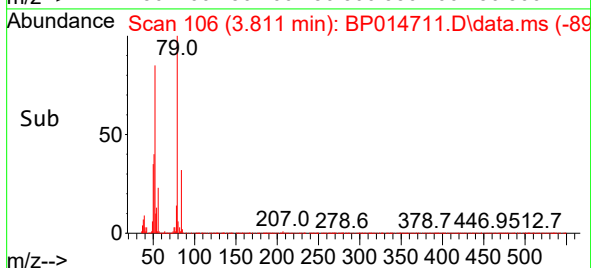
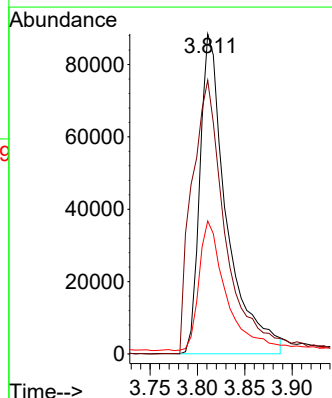
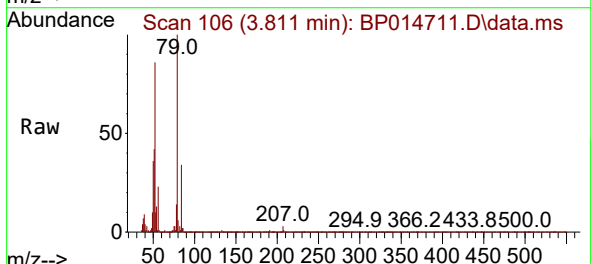
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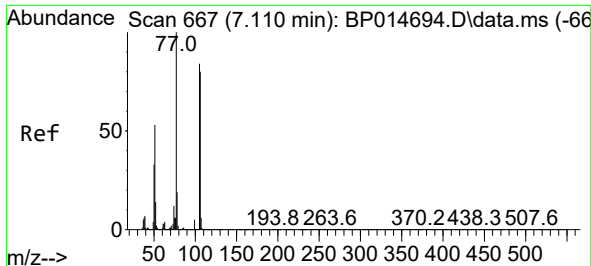
Tgt Ion: 88 Resp: 29759
Ion Ratio Lower Upper
88 100
43 31.5 24.4 36.6
58 79.6 57.4 86.0



#5
Pyridine
Concen: 24.295 ng/uL
RT: 3.811 min Scan# 106
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion: 79 Resp: 173909
Ion Ratio Lower Upper
79 100
52 85.6 61.4 92.2
51 41.6 28.5 42.7

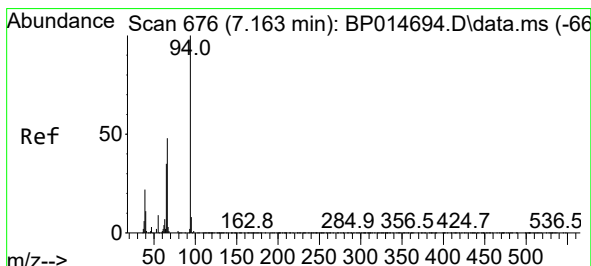
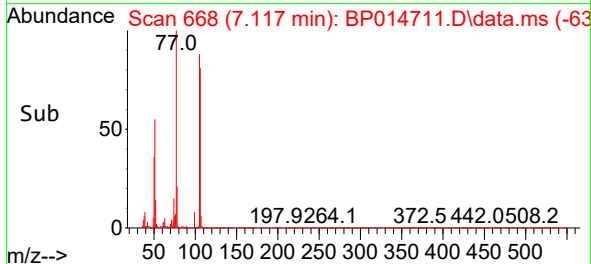
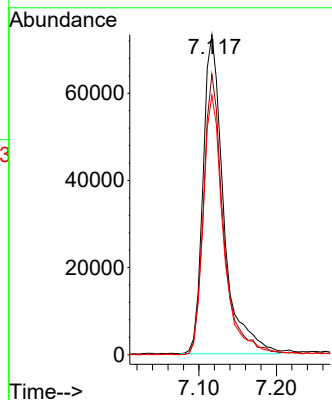
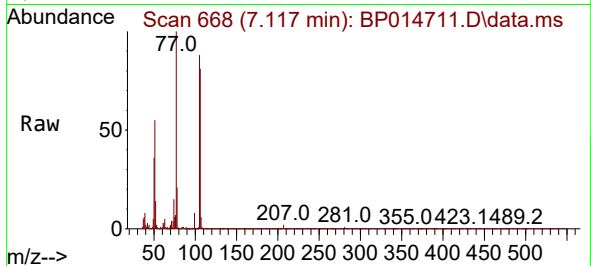




#6
Benzaldehyde
Concen: 28.535 ng/ul
RT: 7.117 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

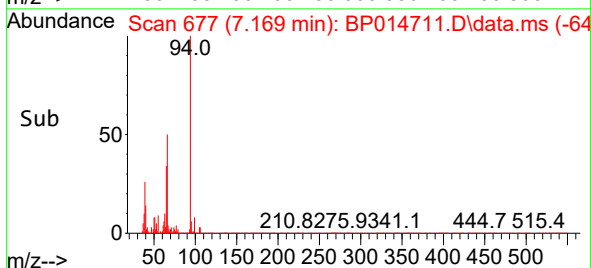
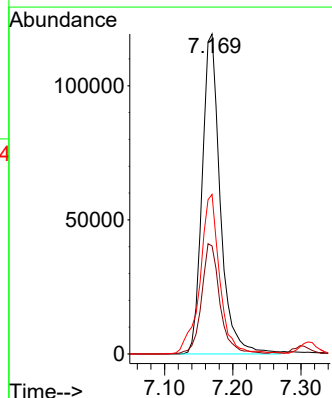
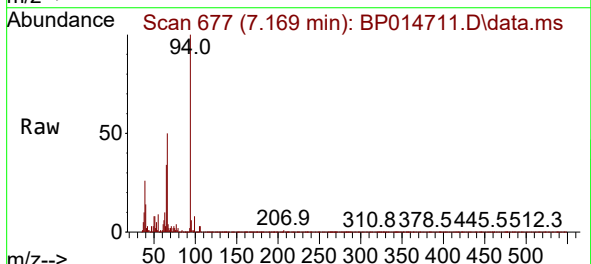
Instrument :
BNA_P
ClientSampleId :
SSTD020676

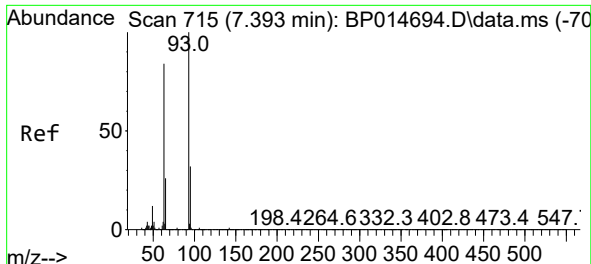
Tgt Ion: 77 Resp: 135401
Ion Ratio Lower Upper
77 100
105 87.6 70.6 105.8
106 81.0 66.5 99.7



#8
Phenol
Concen: 22.261 ng/ul
RT: 7.169 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion: 94 Resp: 220454
Ion Ratio Lower Upper
94 100
65 33.7 25.2 37.8
66 49.8 36.2 54.4

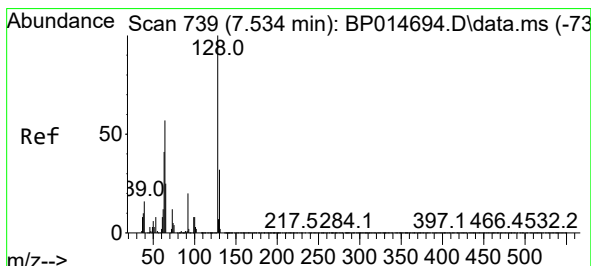
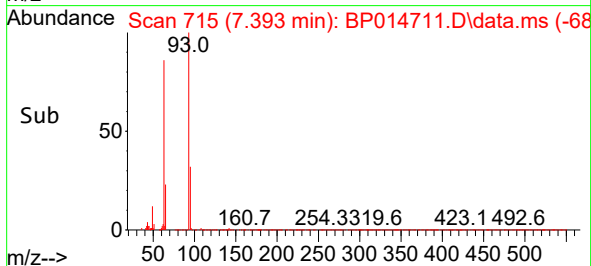
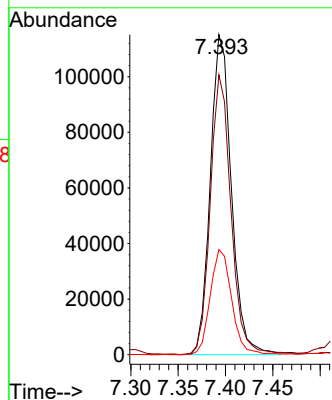
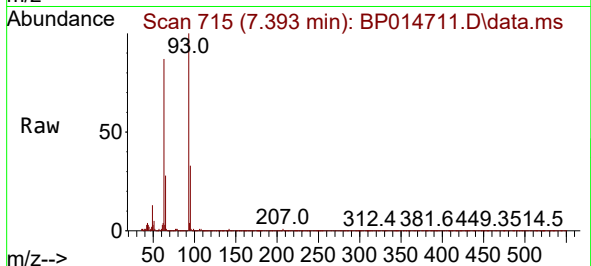




#10
Bis(2-Chloroethyl)ether
Concen: 22.418 ng/ul
RT: 7.393 min Scan# 715
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

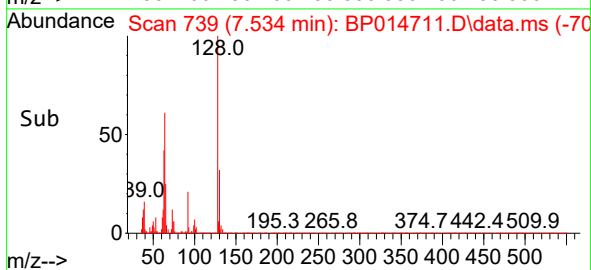
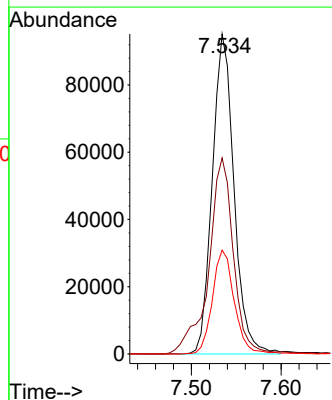
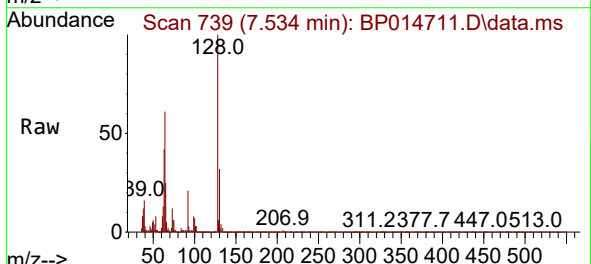
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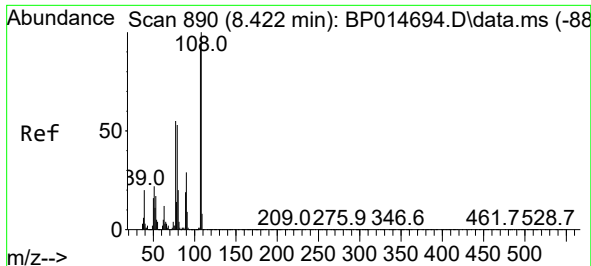
Tgt Ion: 93 Resp: 178407
Ion Ratio Lower Upper
93 100
63 87.4 63.2 94.8
95 32.9 26.0 39.0



#12
2-Chlorophenol
Concen: 22.245 ng/ul
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:128 Resp: 159750
Ion Ratio Lower Upper
128 100
64 61.2 41.4 62.0
130 32.5 24.1 36.1





#13

2-Methylphenol

Concen: 21.826 ng/ul

RT: 8.428 min Scan# 890

Delta R.T. 0.006 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

Instrument :

BNA_P

ClientSampleId :

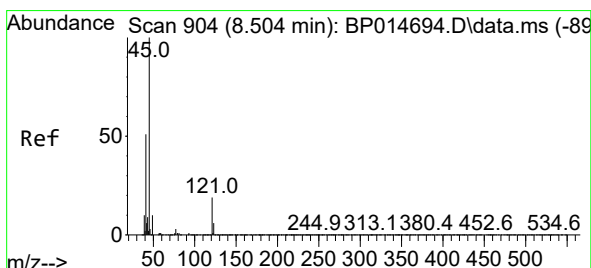
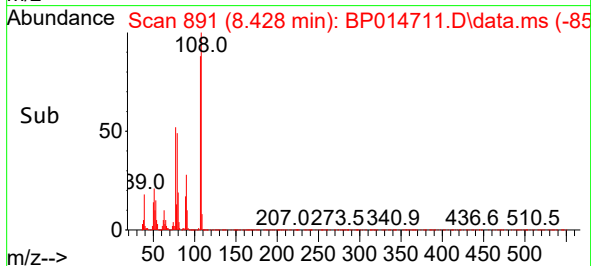
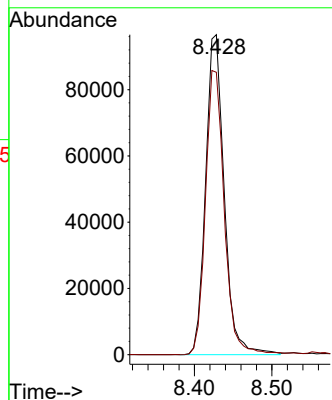
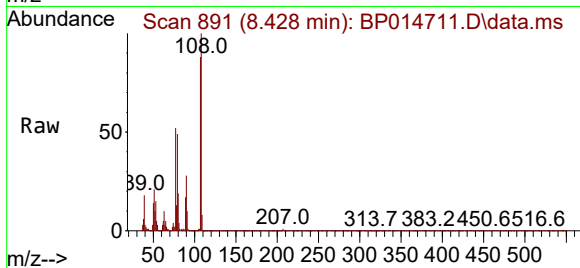
SSTD020676

Tgt Ion:108 Resp: 161188

Ion Ratio Lower Upper

108 100

107 88.3 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 26.269 ng/ul

RT: 8.505 min Scan# 904

Delta R.T. 0.006 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

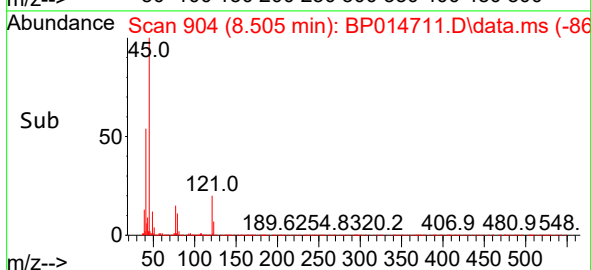
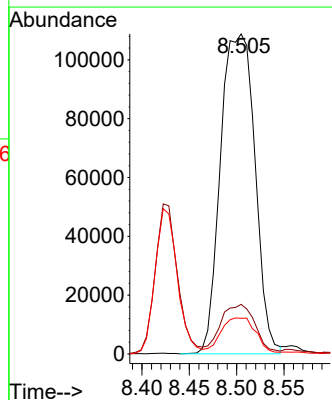
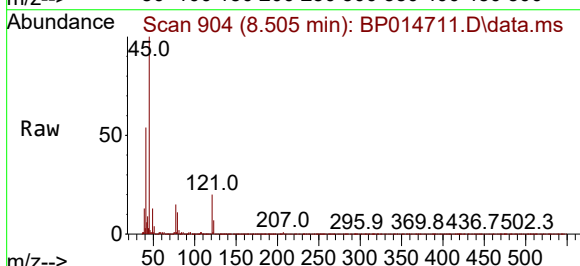
Tgt Ion: 45 Resp: 274482

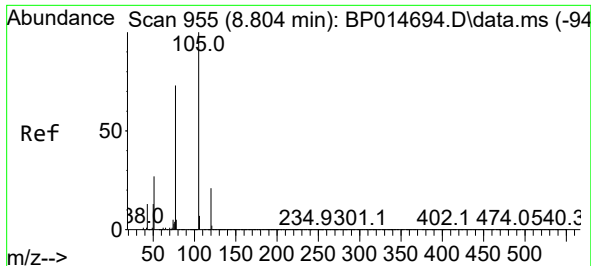
Ion Ratio Lower Upper

45 100

77 15.5 12.8 19.2

79 11.1 9.6 14.4

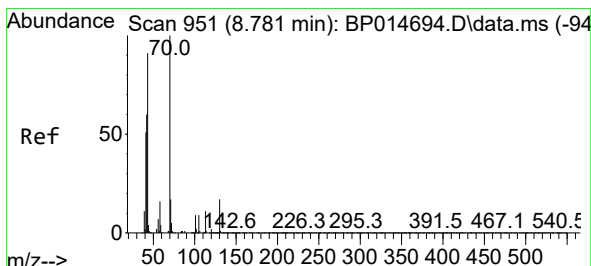
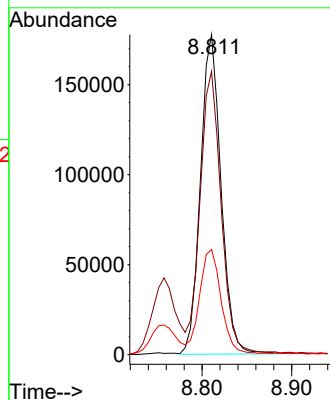
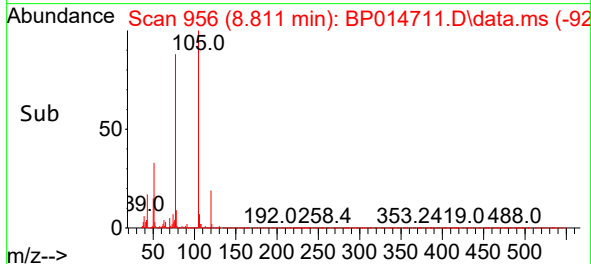
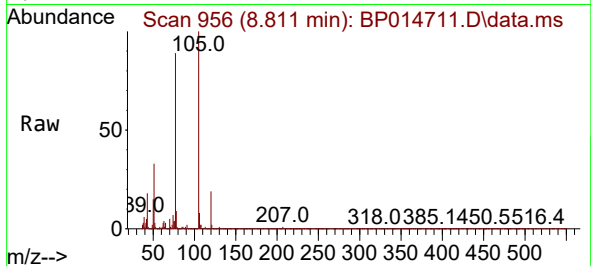




#16
Acetophenone
Concen: 22.216 ng/ul
RT: 8.811 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

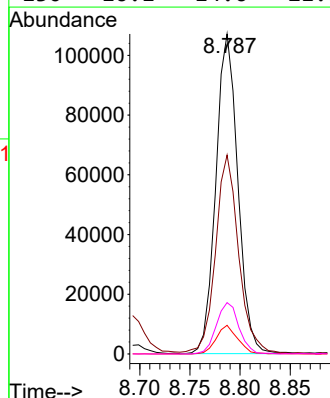
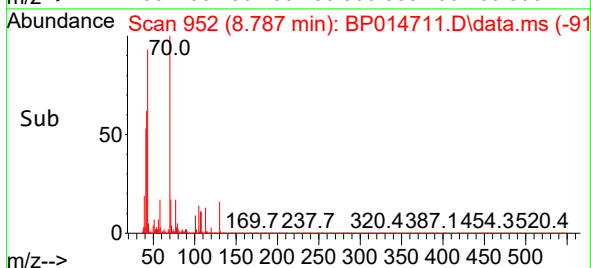
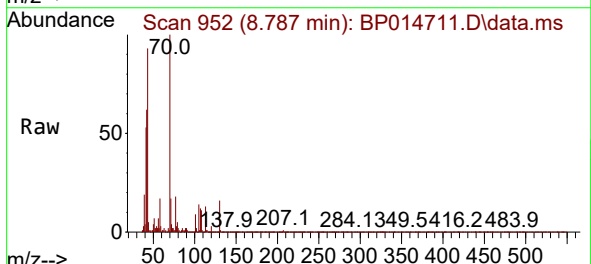
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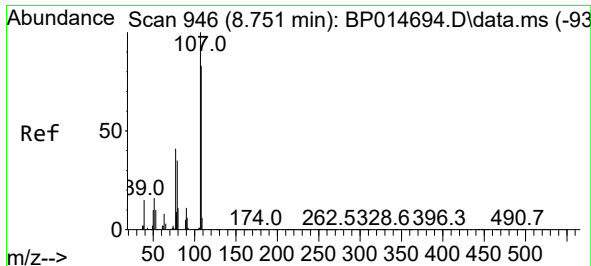
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Ion Ratio Lower Upper
105 100
77 88.6 67.3 100.9
51 32.9 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 23.769 ng/ul
RT: 8.787 min Scan# 952
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion: 70 Resp: 163275
Ion Ratio Lower Upper
70 100
42 62.1 41.1 61.7#
101 9.0 7.0 10.6
130 16.1 14.6 21.8

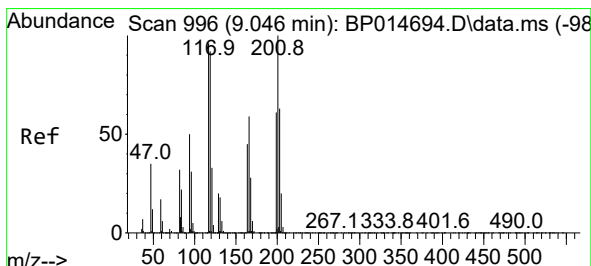
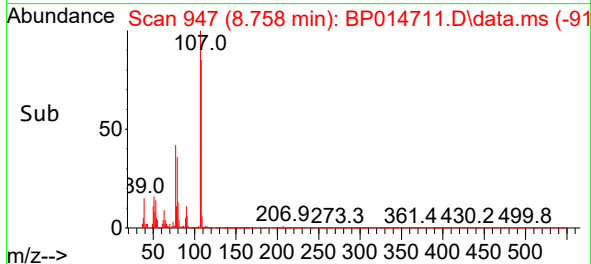
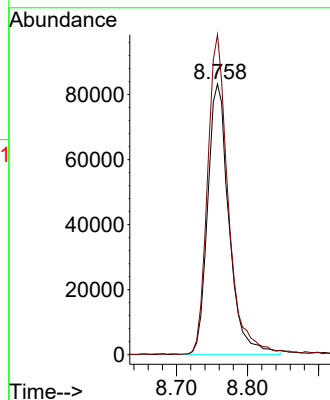
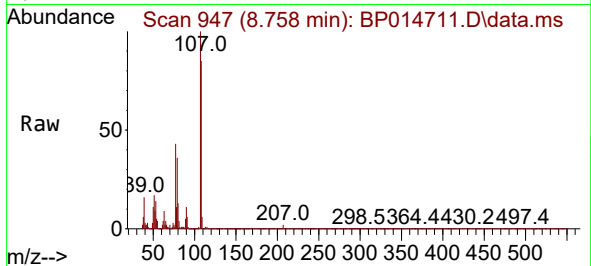




#18
4-Methylphenol
Concen: 21.369 ng/ul
RT: 8.758 min Scan# 946
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

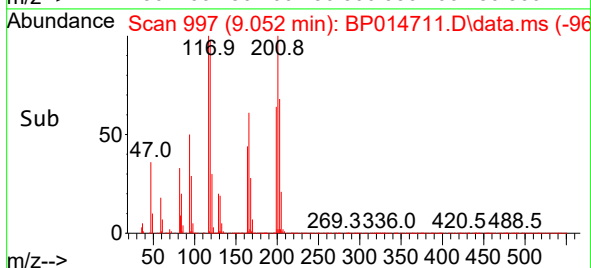
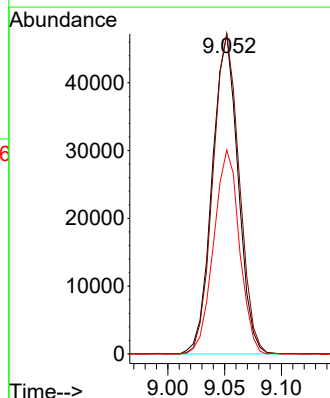
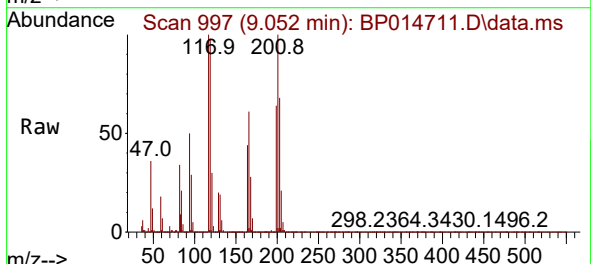
Instrument :
BNA_P
ClientSampleId :
SSTD020676

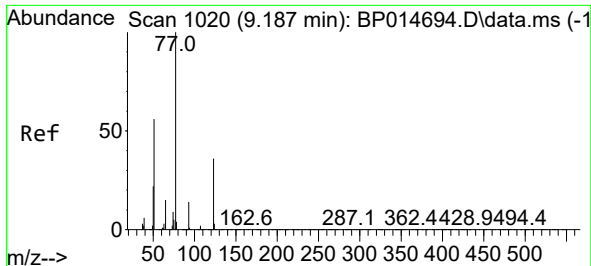
Tgt Ion:108 Resp: 173321
Ion Ratio Lower Upper
108 100
107 118.2 89.0 133.6



#19
Hexachloroethane
Concen: 23.786 ng/ul
RT: 9.052 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:117 Resp: 74634
Ion Ratio Lower Upper
117 100
201 99.9 90.2 135.4
199 63.7 54.2 81.2

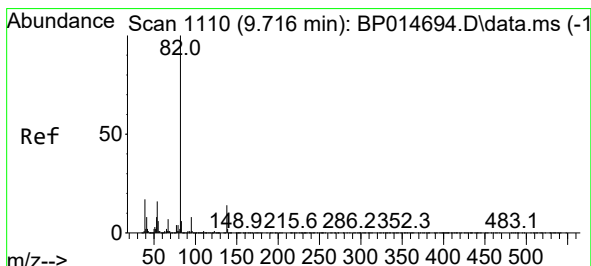
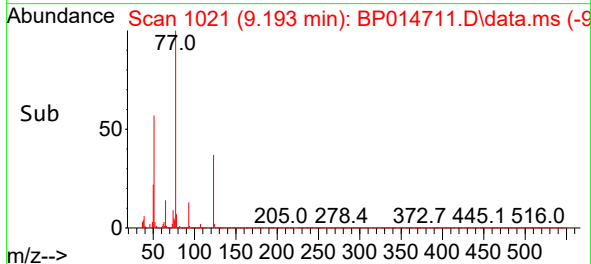
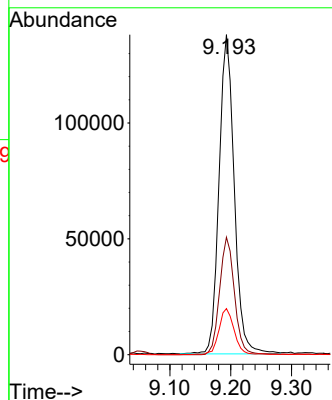
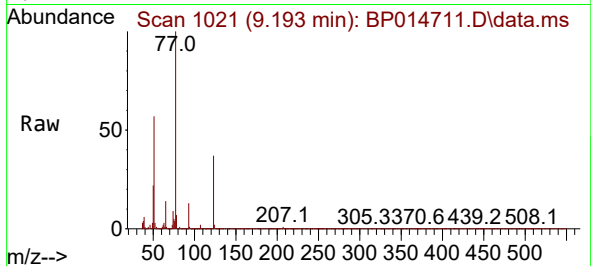




#22
Nitrobenzene
Concen: 23.875 ng/ul
RT: 9.193 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

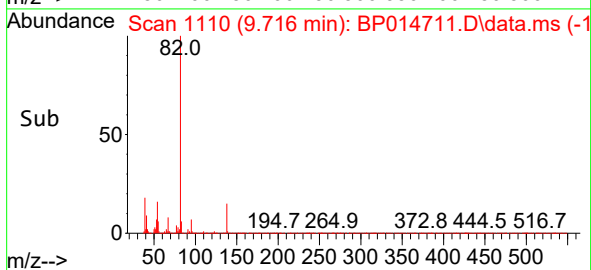
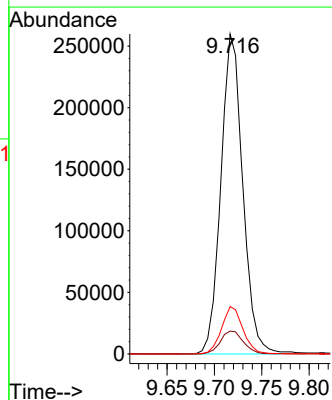
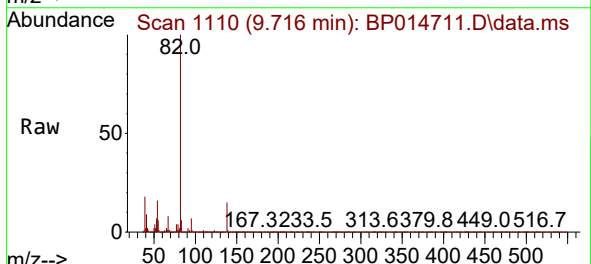
Instrument :
BNA_P
ClientSampleId :
SSTD020676

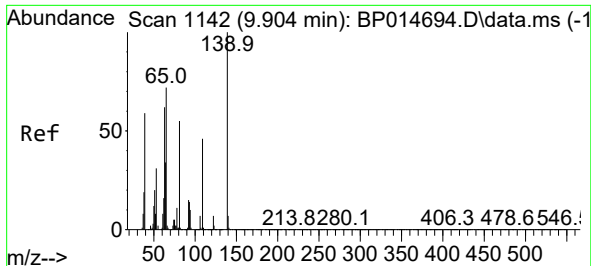
Tgt Ion: 77 Resp: 238687
Ion Ratio Lower Upper
77 100
123 36.7 30.3 45.5
65 14.4 11.0 16.4



#23
Isophorone
Concen: 22.602 ng/ul
RT: 9.716 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion: 82 Resp: 416524
Ion Ratio Lower Upper
82 100
95 7.2 6.3 9.5
138 14.8 12.2 18.2

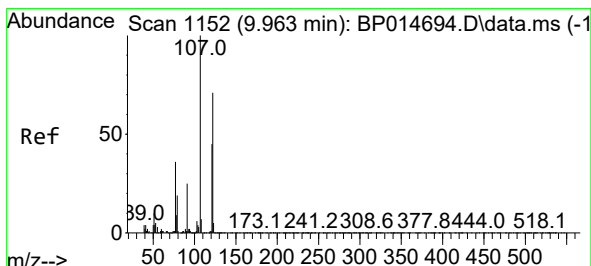
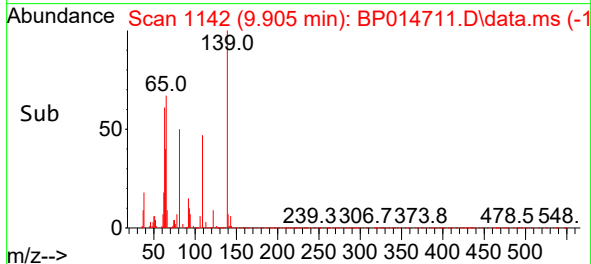
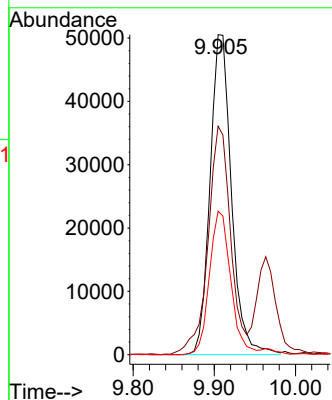
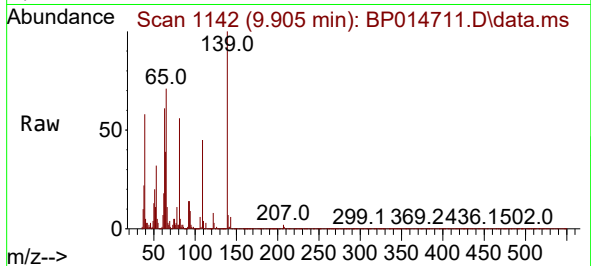




#25
2-Nitrophenol
Concen: 22.016 ng/ul
RT: 9.905 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

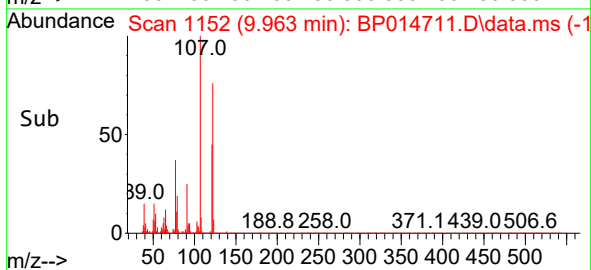
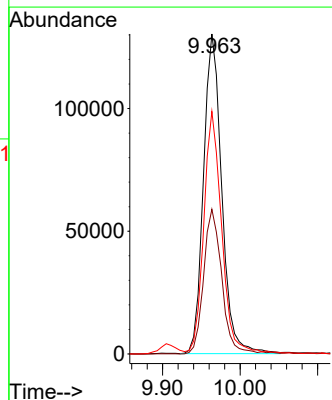
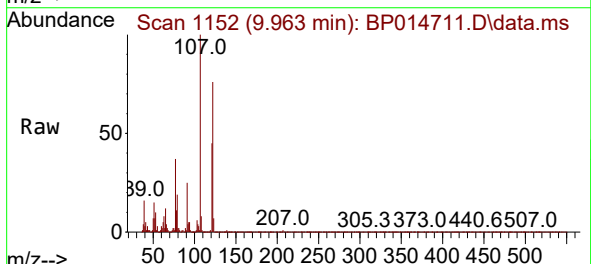
Instrument :
BNA_P
ClientSampleId :
SSTD020676

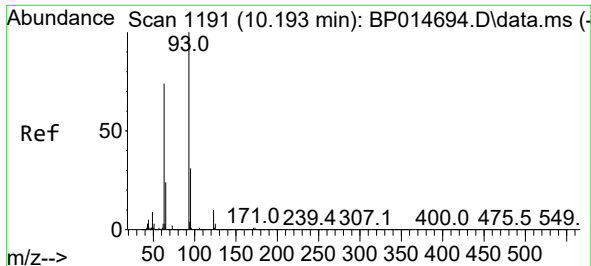
Tgt Ion:139 Resp: 92599
Ion Ratio Lower Upper
139 100
65 71.4 49.7 74.5
109 44.9 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 22.693 ng/ul
RT: 9.963 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:107 Resp: 213631
Ion Ratio Lower Upper
107 100
121 45.2 37.0 55.6
122 75.8 59.8 89.6

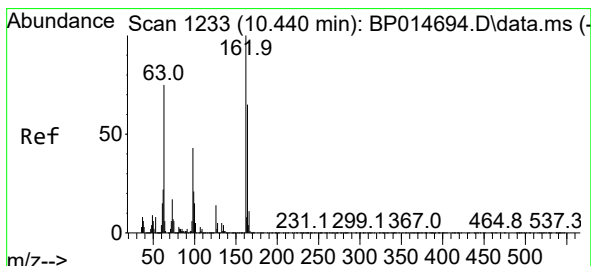
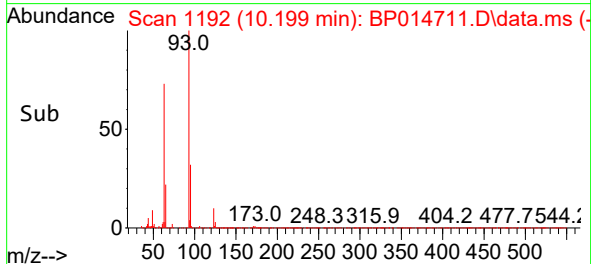
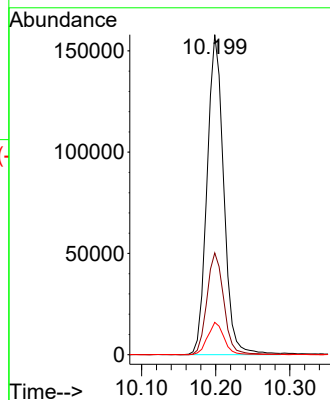
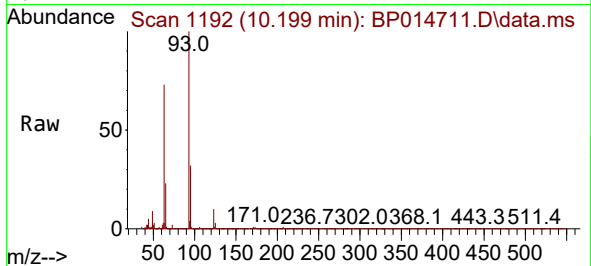




#27
Bis(2-Chloroethoxy)methane
Concen: 22.339 ng/ul
RT: 10.199 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

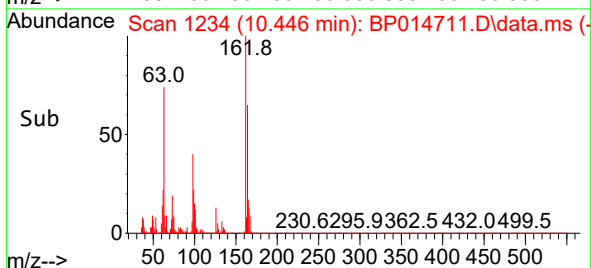
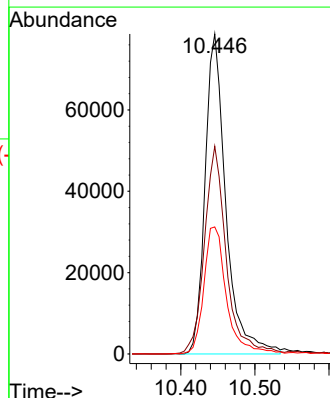
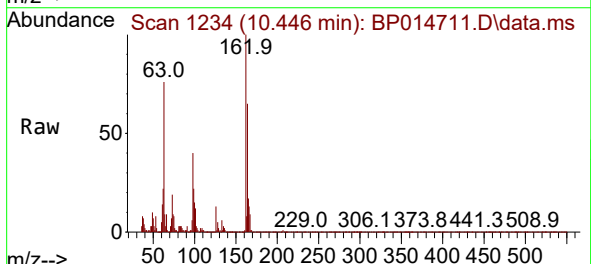
Instrument :
BNA_P
ClientSampleId :
SSTD020676

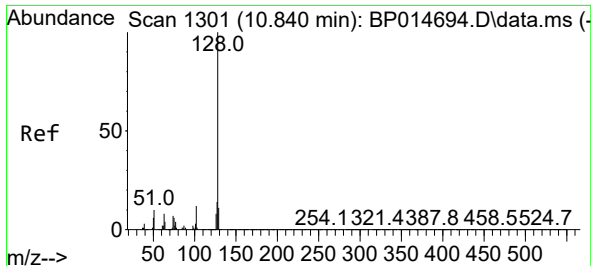
Tgt Ion: 93 Resp: 246822
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.8
123 10.1 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 21.508 ng/ul
RT: 10.446 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion: 162 Resp: 153609
Ion Ratio Lower Upper
162 100
164 64.9 50.1 75.1
98 39.7 30.6 45.8

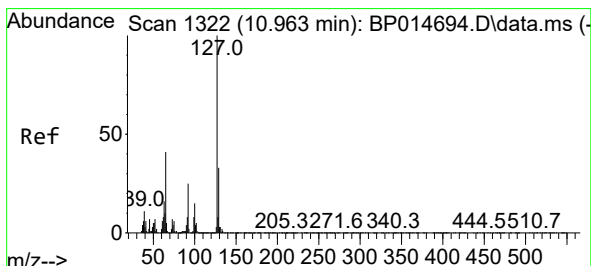
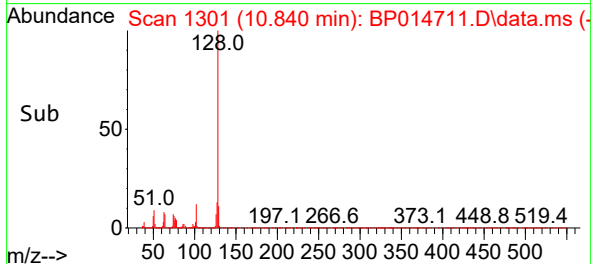
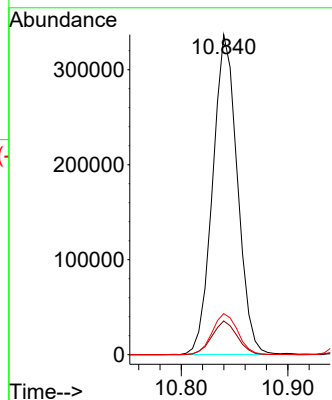
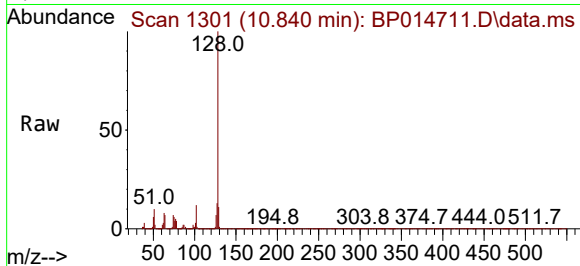




#30
Naphthalene
Concen: 22.598 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

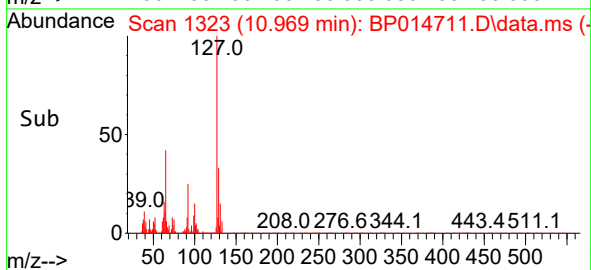
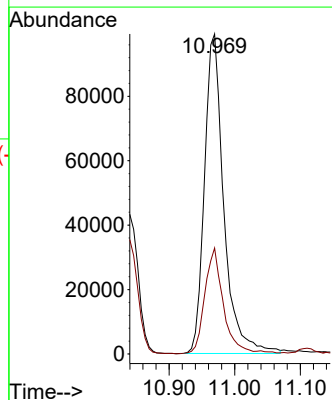
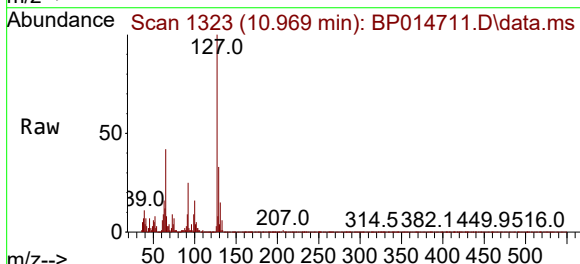
Instrument :
BNA_P
ClientSampleId :
SSTD020676

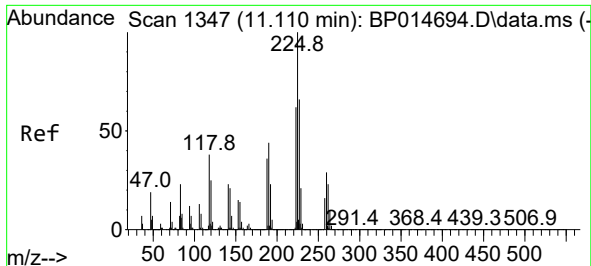
Tgt Ion:128 Resp: 542624
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 12.9 11.0 16.6



#32
4-Chloroaniline
Concen: 21.046 ng/ul
RT: 10.969 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:127 Resp: 203774
Ion Ratio Lower Upper
127 100
129 33.1 25.4 38.0

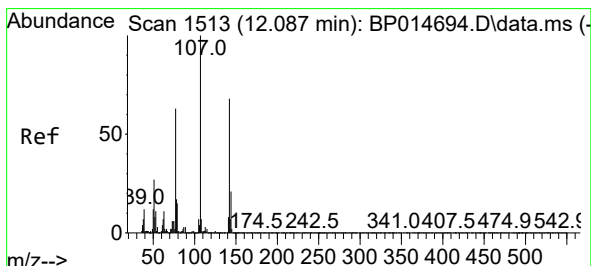
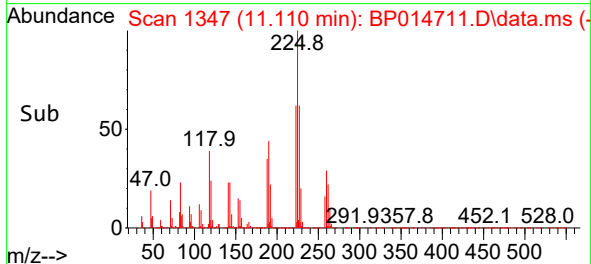
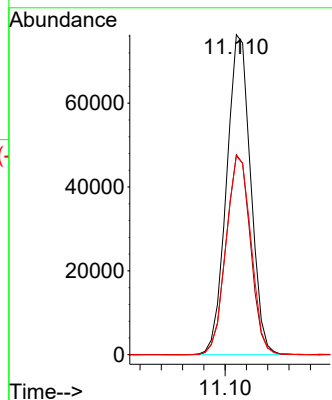
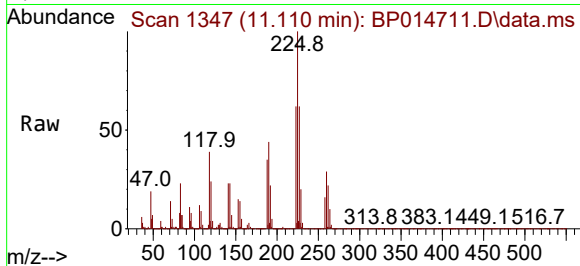




#33
Hexachlorobutadiene
Concen: 21.176 ng/ul
RT: 11.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

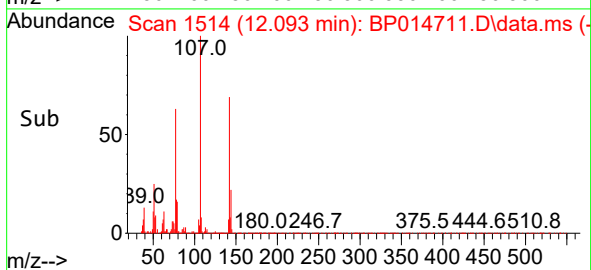
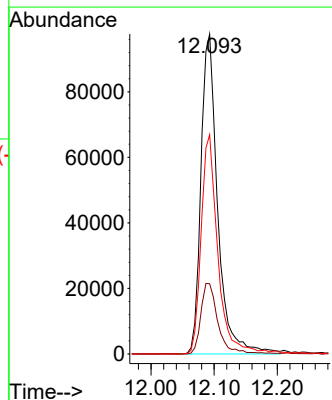
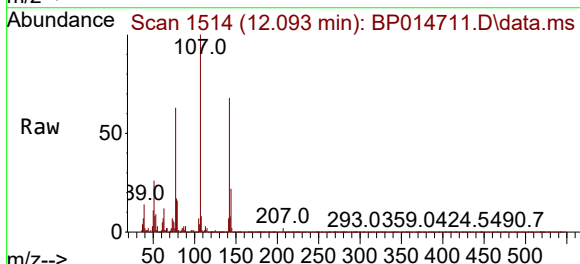
Instrument :
BNA_P
ClientSampleId :
SSTD020676

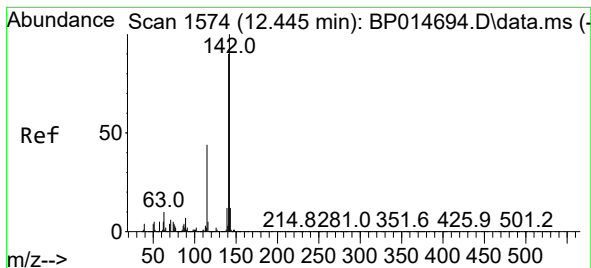
Tgt Ion:225 Resp: 119821
Ion Ratio Lower Upper
225 100
223 62.5 49.3 73.9
227 62.1 49.6 74.4



#35
4-Chloro-3-methylphenol
Concen: 20.455 ng/ul
RT: 12.093 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:107 Resp: 179692
Ion Ratio Lower Upper
107 100
144 21.9 17.3 25.9
142 68.5 54.6 81.8

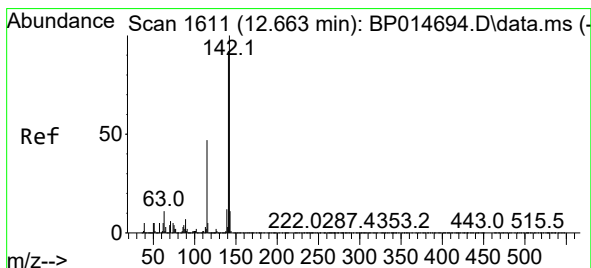
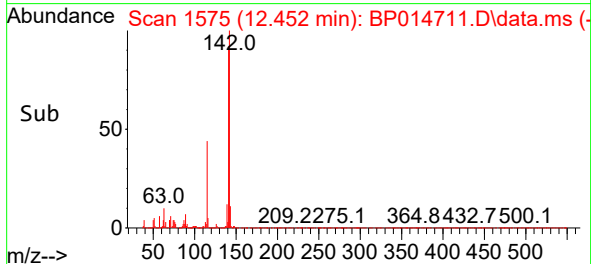
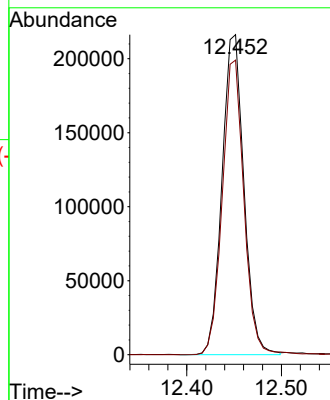
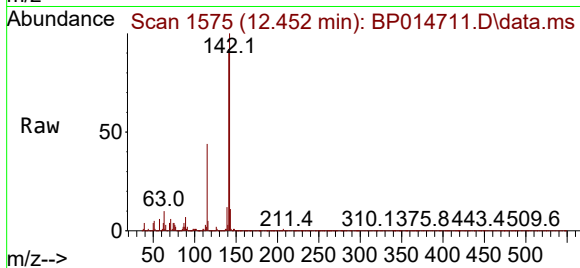




#36
2-Methylnaphthalene
Concen: 21.306 ng/ul
RT: 12.452 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

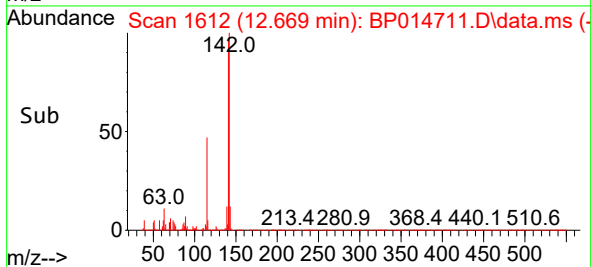
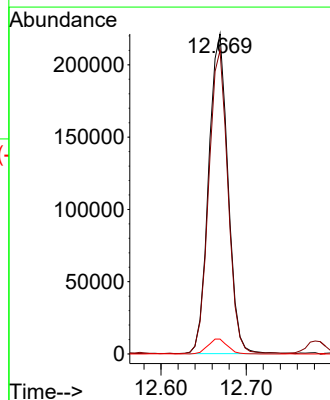
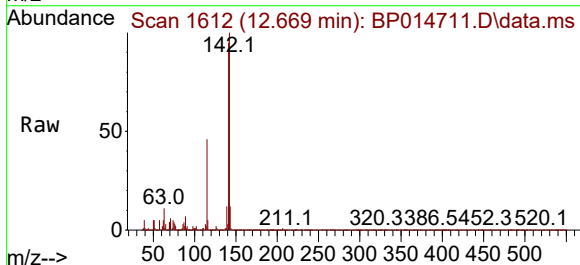
Instrument :
BNA_P
ClientSampleId :
SSTD020676

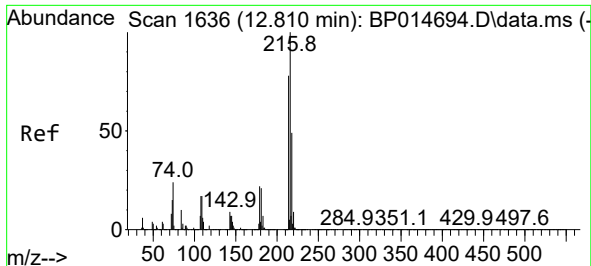
Tgt Ion:142 Resp: 346711
Ion Ratio Lower Upper
142 100
141 92.0 71.6 107.4



#37
1-Methylnaphthalene
Concen: 21.566 ng/ul
RT: 12.669 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:142 Resp: 348046
Ion Ratio Lower Upper
142 100
141 94.9 76.6 114.8
116 4.6 3.6 5.4

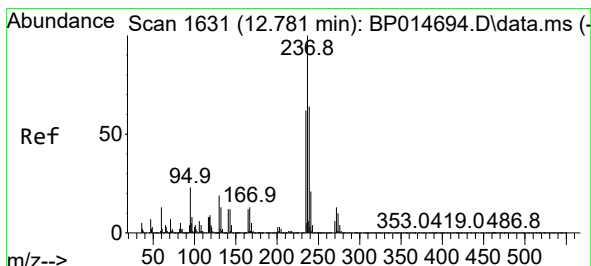
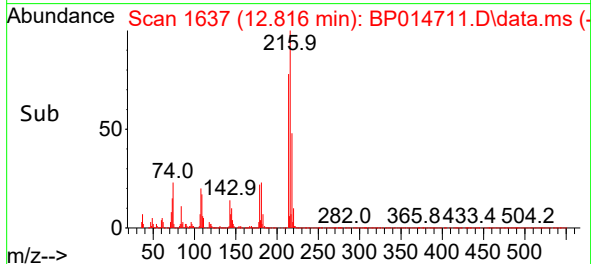
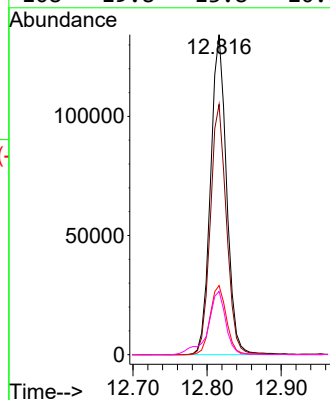
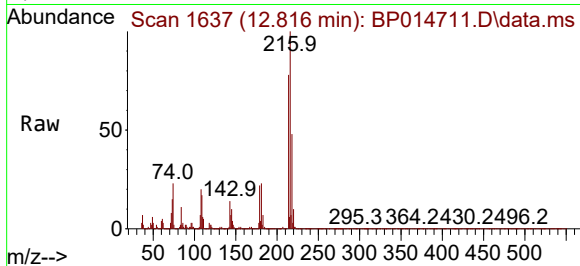




#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.435 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

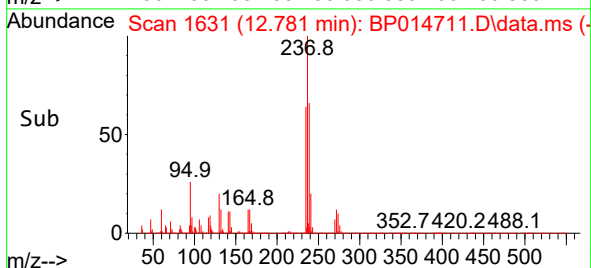
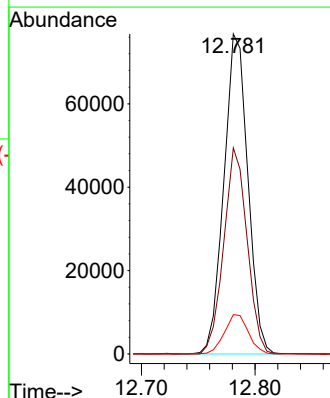
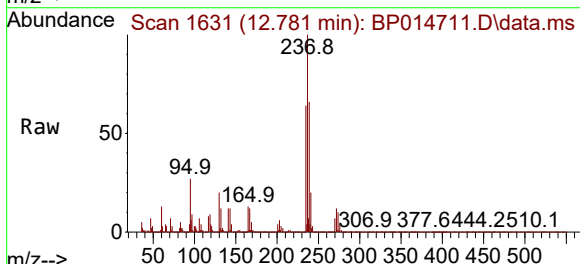
Instrument :
BNA_P
ClientSampleId :
SSTD020676

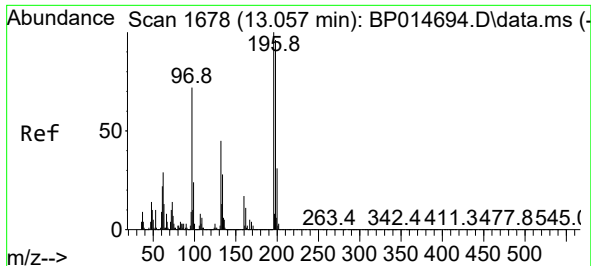
Tgt Ion:	216	Resp:	201811
Ion Ratio	Lower	Upper	
216	100		
214	78.2	61.0	91.6
179	21.6	16.6	24.8
108	19.8	13.8	20.6



#40
Hexachlorocyclopentadiene
Concen: 19.330 ng/ul
RT: 12.781 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:	237	Resp:	112602
Ion Ratio	Lower	Upper	
237	100		
235	64.4	51.0	76.4
272	13.1	10.3	15.5

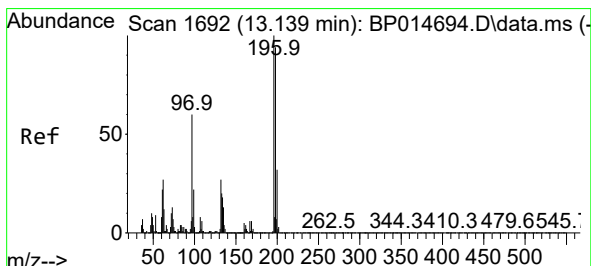
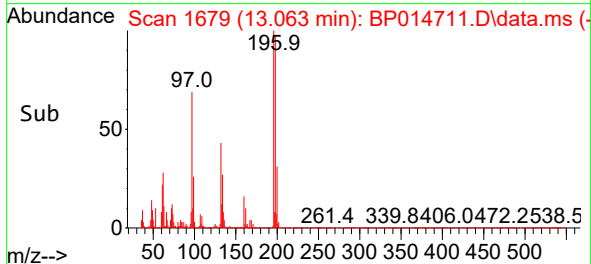
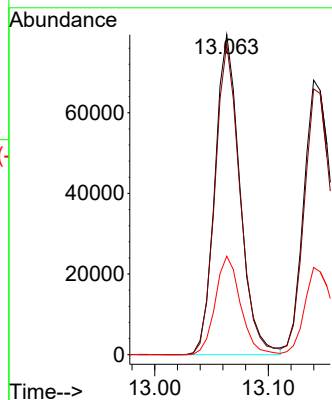
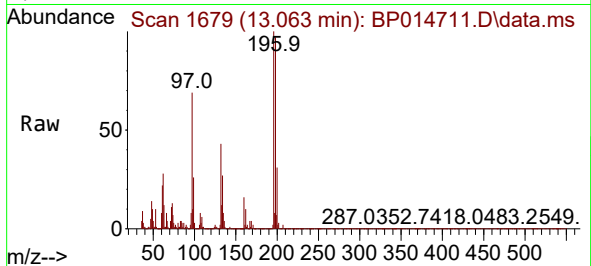




#41
2,4,6-Trichlorophenol
Concen: 21.822 ng/ul
RT: 13.063 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

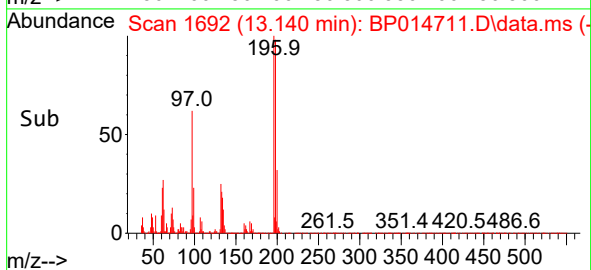
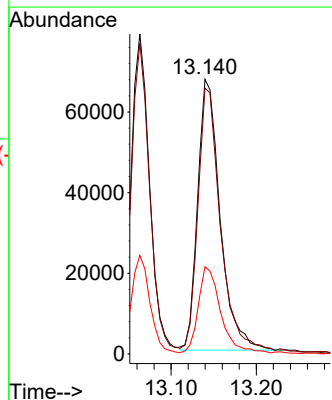
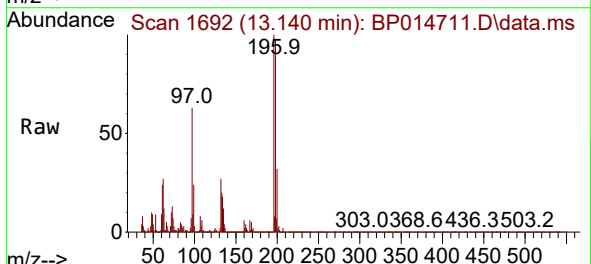
Instrument :
BNA_P
ClientSampleId :
SSTD020676

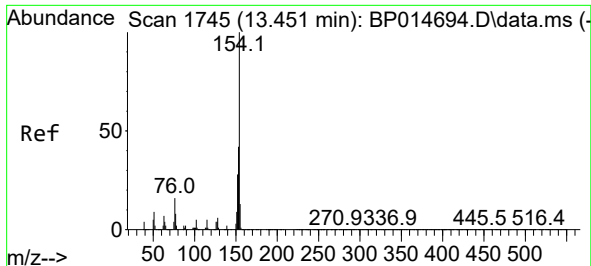
Tgt Ion:196 Resp: 121473
Ion Ratio Lower Upper
196 100
198 97.2 76.6 114.8
200 30.8 25.4 38.2



#42
2,4,5-Trichlorophenol
Concen: 20.821 ng/ul
RT: 13.140 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:196 Resp: 123387
Ion Ratio Lower Upper
196 100
198 96.7 79.8 119.8
200 31.7 25.6 38.4

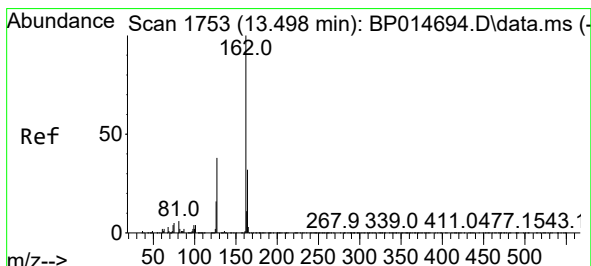
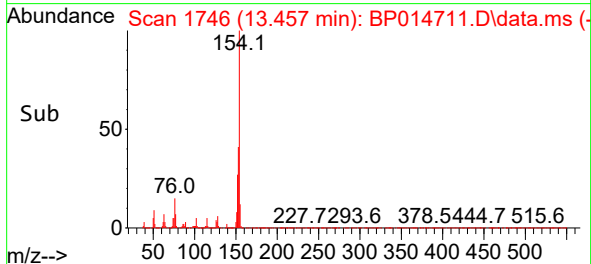
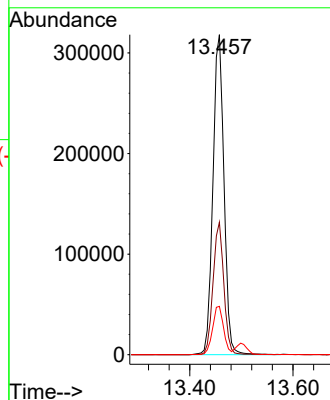
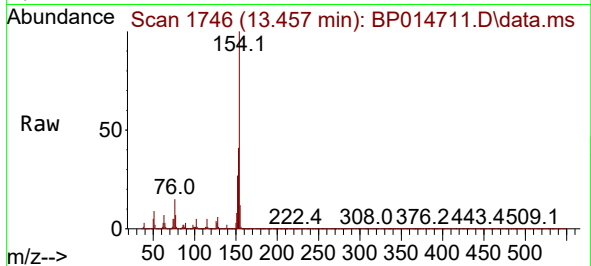




#43
1,1'-Biphenyl
Concen: 23.178 ng/ul
RT: 13.457 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

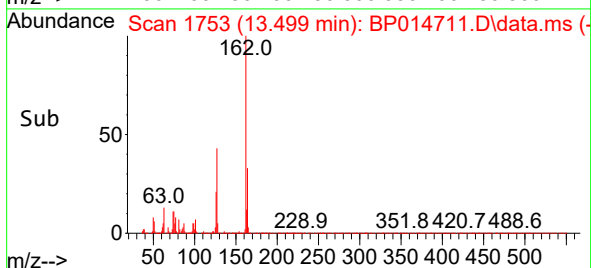
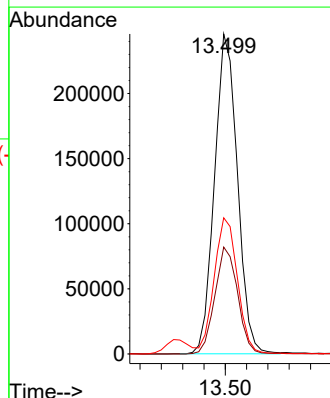
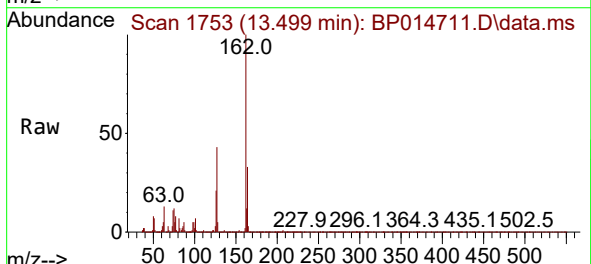
Instrument :
BNA_P
ClientSampleId :
SSTD020676

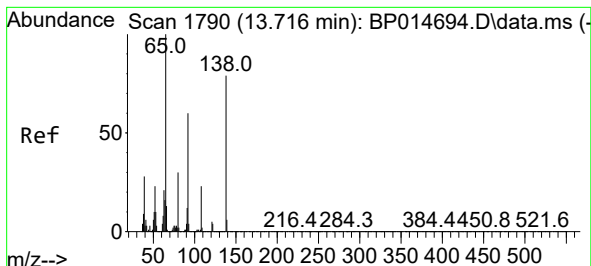
Tgt Ion:154 Resp: 472446
Ion Ratio Lower Upper
154 100
153 41.4 32.4 48.6
76 15.1 10.7 16.1



#44
2-Chloronaphthalene
Concen: 22.745 ng/ul
RT: 13.499 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:162 Resp: 366585
Ion Ratio Lower Upper
162 100
164 33.4 26.1 39.1
127 42.6 33.7 50.5





#45

2-Nitroaniline

Concen: 23.589 ng/ul

RT: 13.722 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

Instrument :

BNA_P

ClientSampleId :

SSTD020676

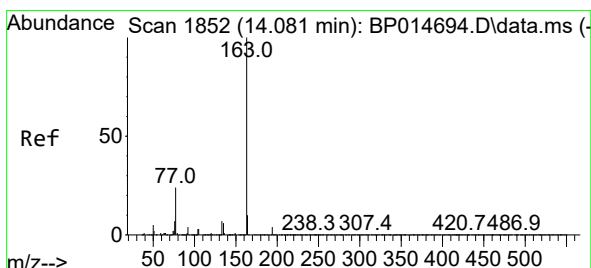
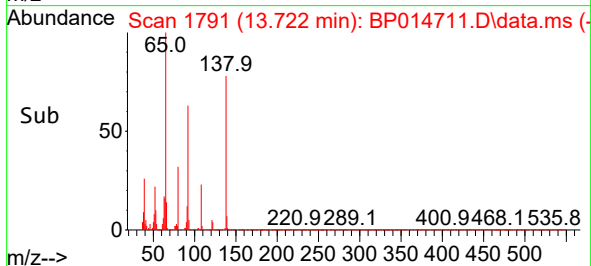
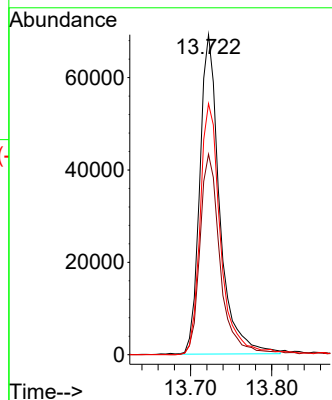
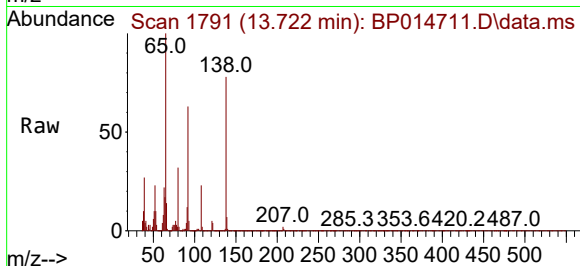
Tgt Ion: 65 Resp: 117735

Ion Ratio Lower Upper

65 100

92 62.7 53.7 80.5

138 78.5 71.7 107.5



#47

Dimethylphthalate

Concen: 21.017 ng/ul

RT: 14.081 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

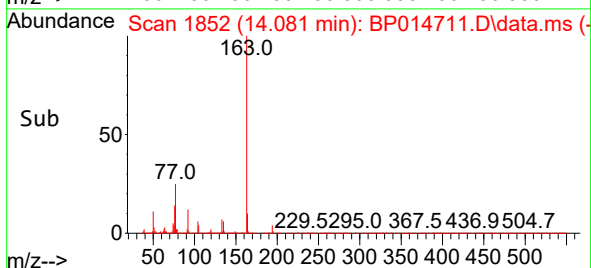
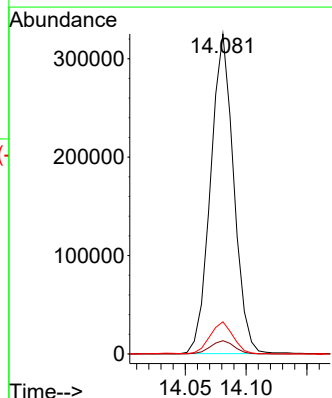
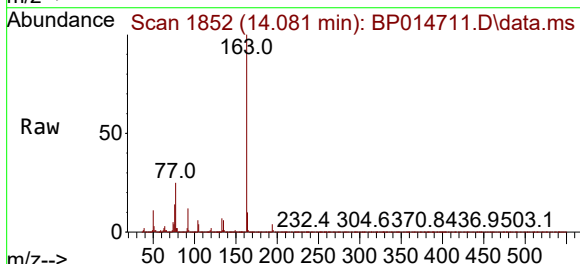
Tgt Ion:163 Resp: 429882

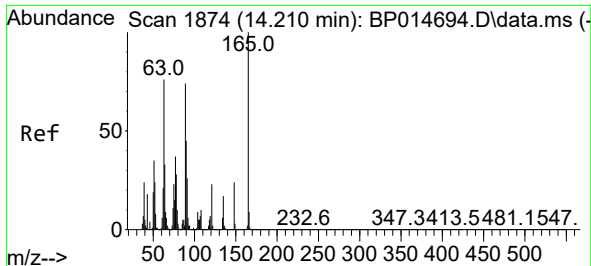
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.0 7.8 11.8

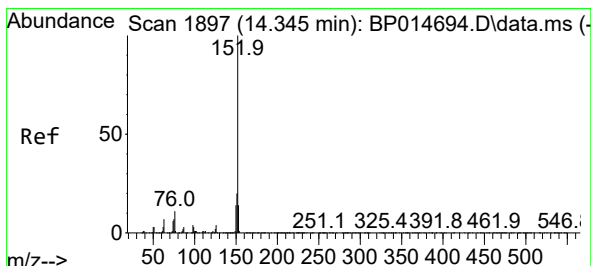
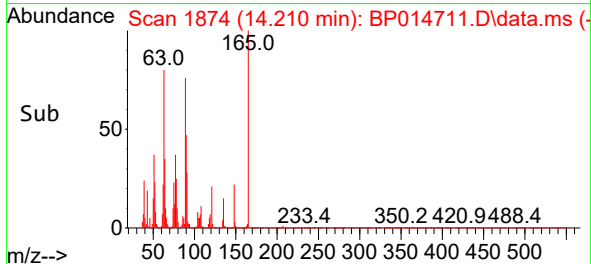
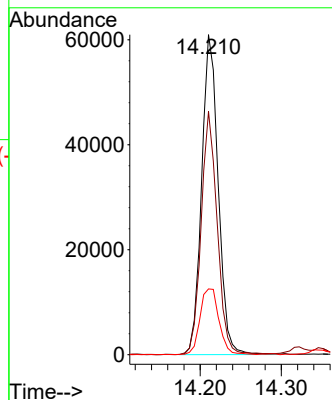
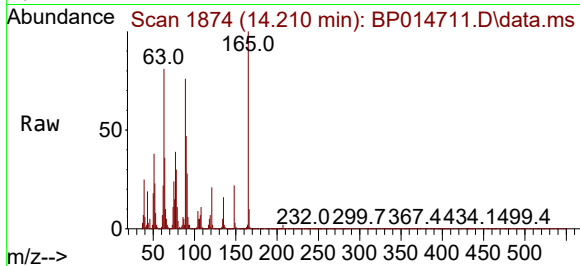




#48
2,6-Dinitrotoluene
Concen: 21.601 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

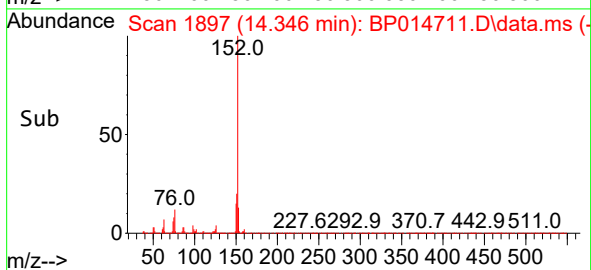
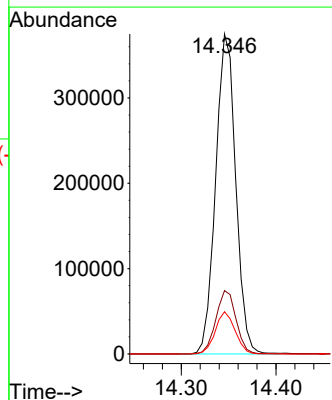
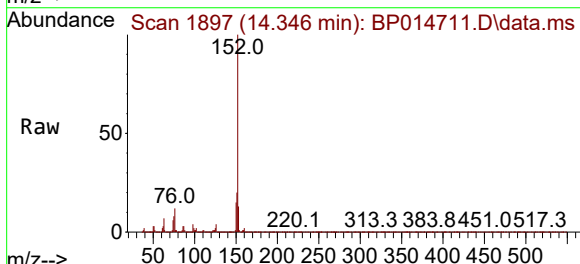
Instrument :
BNA_P
ClientSampleId :
SSTD020676

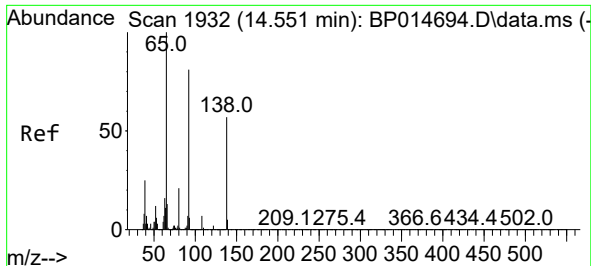
Tgt Ion:165 Resp: 86322
Ion Ratio Lower Upper
165 100
89 76.0 52.7 79.1
121 20.6 17.9 26.9



#50
Acenaphthylene
Concen: 22.833 ng/ul
RT: 14.346 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:152 Resp: 551976
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.2 10.2 15.4

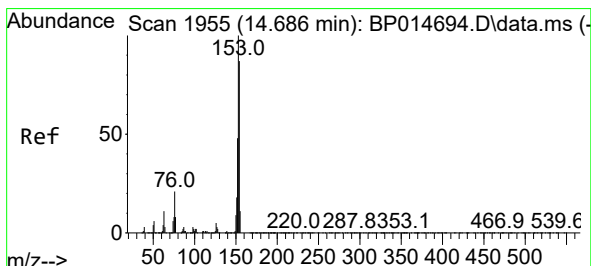
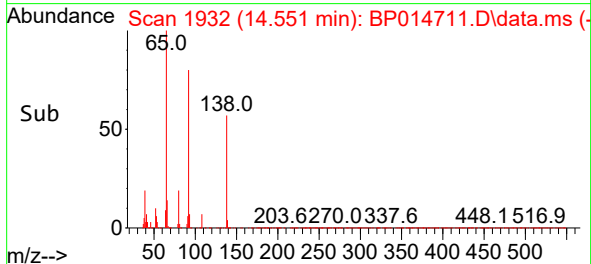
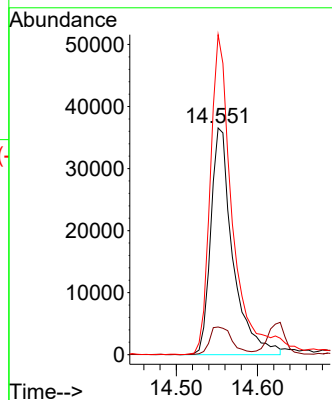
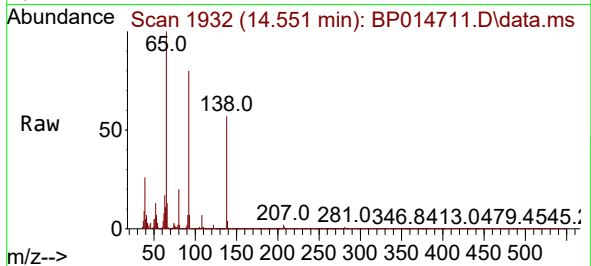




#51
3-Nitroaniline
Concen: 19.243 ng/ul
RT: 14.551 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

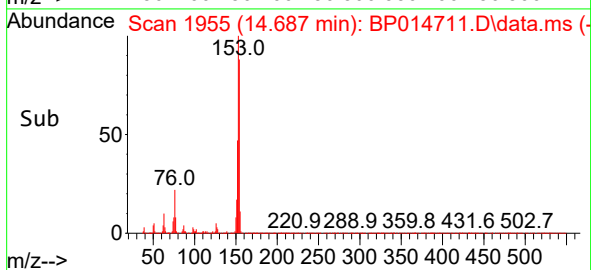
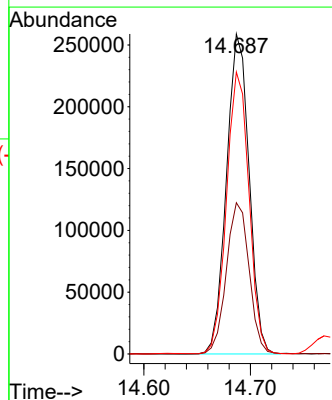
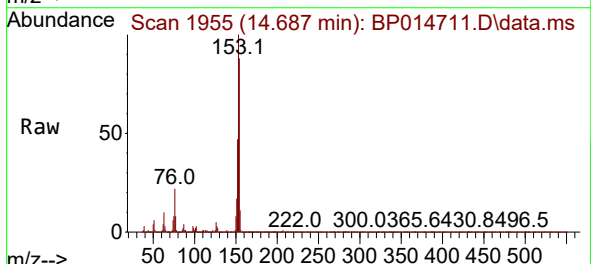
Instrument :
BNA_P
ClientSampleId :
SSTD020676

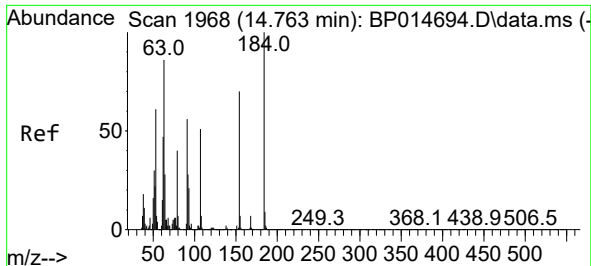
Tgt Ion:138 Resp: 68890
Ion Ratio Lower Upper
138 100
108 12.2 9.9 14.9
92 141.2 107.6 161.4



#52
Acenaphthene
Concen: 22.409 ng/ul
RT: 14.687 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:153 Resp: 382801
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.4
154 88.1 70.2 105.2

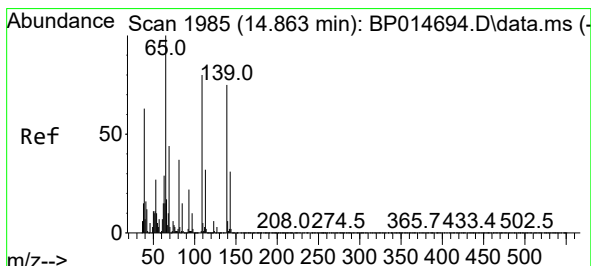
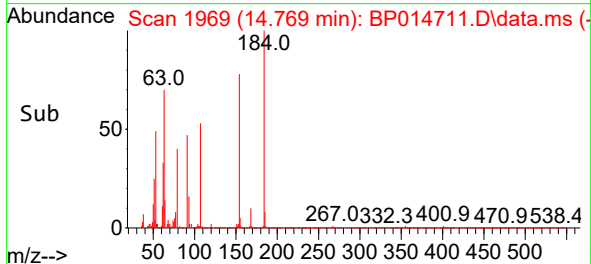
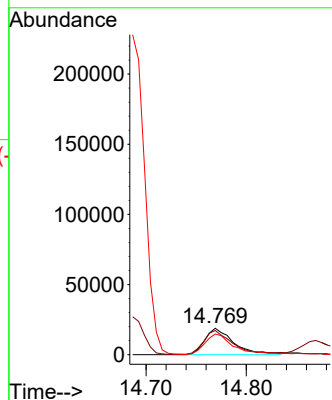
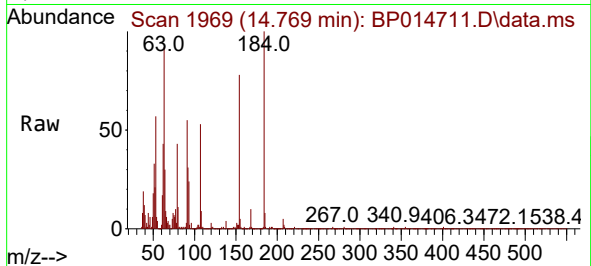




#53
2,4-Dinitrophenol
Concen: 14.471 ng/ul
RT: 14.769 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

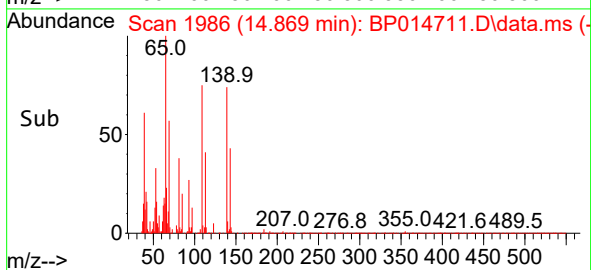
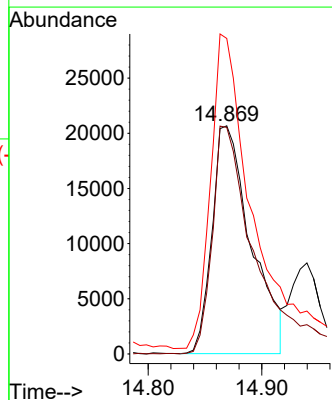
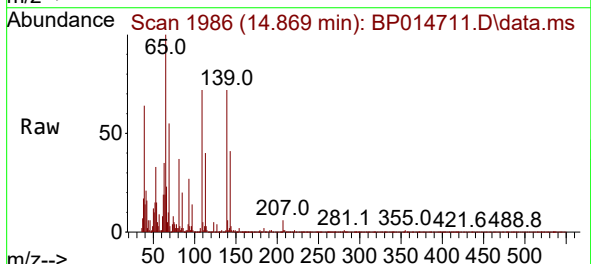
Instrument :
BNA_P
ClientSampleId :
SSTD020676

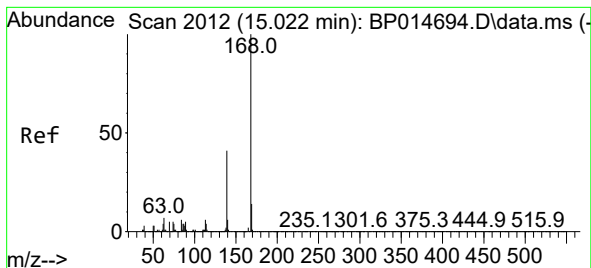
Tgt Ion:184 Resp: 37448
Ion Ratio Lower Upper
184 100
63 91.6 57.1 85.7#
154 78.1 55.3 82.9



#55
4-Nitrophenol
Concen: 16.113 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:109 Resp: 49147
Ion Ratio Lower Upper
109 100
139 99.3 77.4 116.2
65 138.3 97.3 145.9

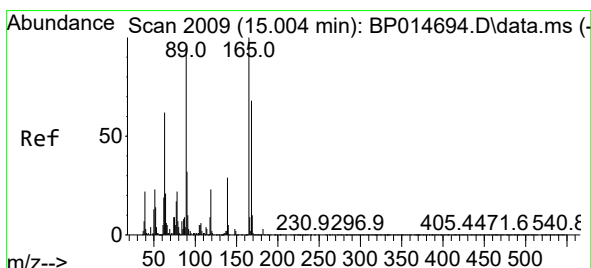
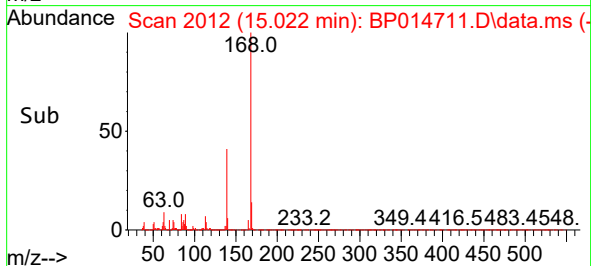
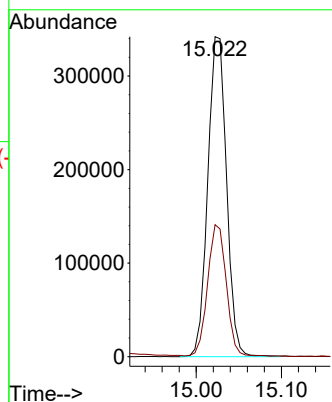
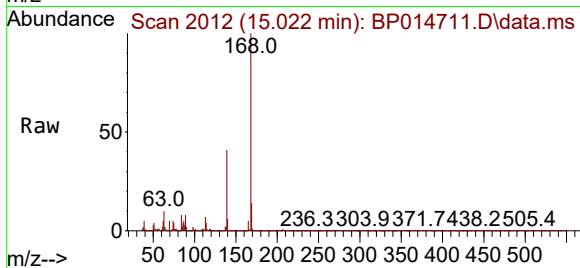




#56
Dibenzofuran
Concen: 21.780 ng/ul
RT: 15.022 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

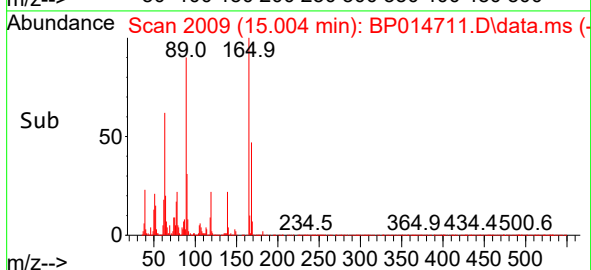
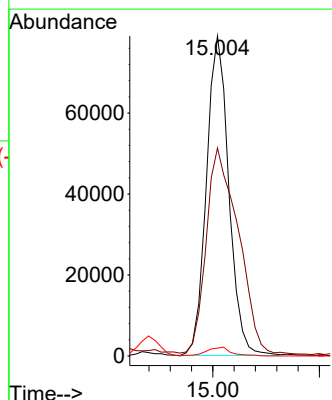
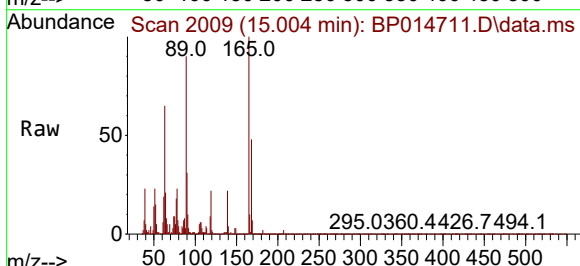
Instrument :
BNA_P
ClientSampleId :
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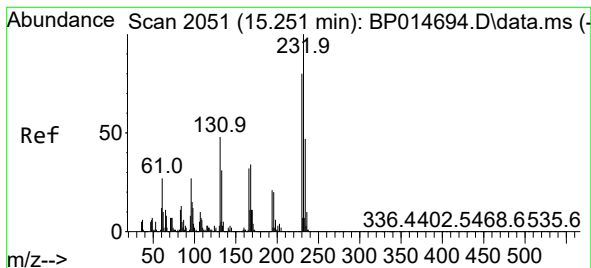
Tgt Ion:168 Resp: 523033
Ion Ratio Lower Upper
168 100
139 41.3 32.1 48.1



#57
2,4-Dinitrotoluene
Concen: 20.316 ng/ul
RT: 15.004 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:165 Resp: 115162
Ion Ratio Lower Upper
165 100
63 65.0 41.6 62.4#
182 2.5 2.4 3.6

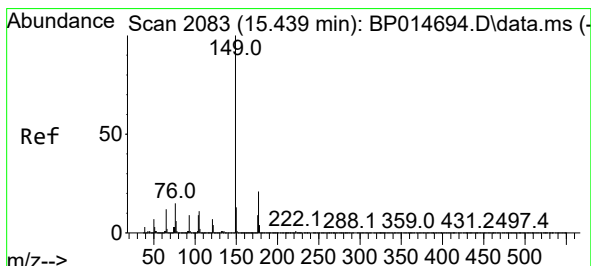
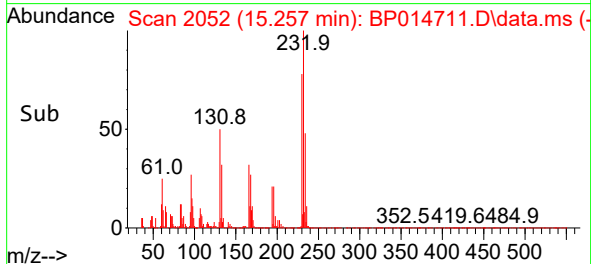
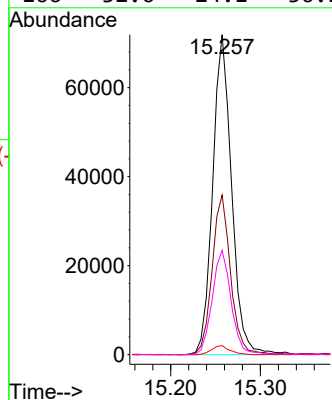
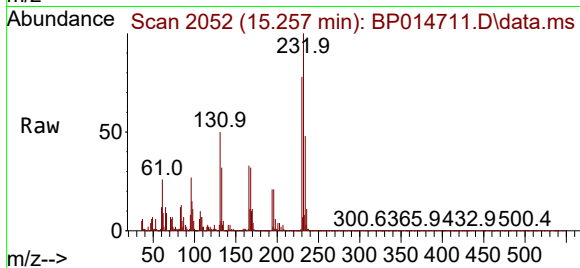




#58
2,3,4,6-Tetrachlorophenol
Concen: 19.764 ng/ul
RT: 15.257 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

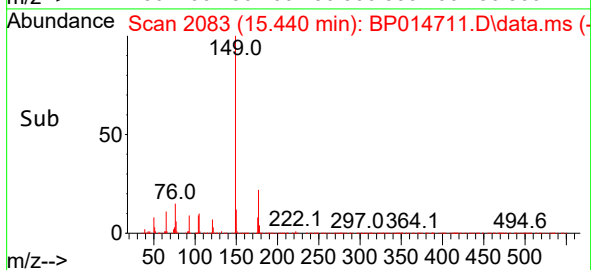
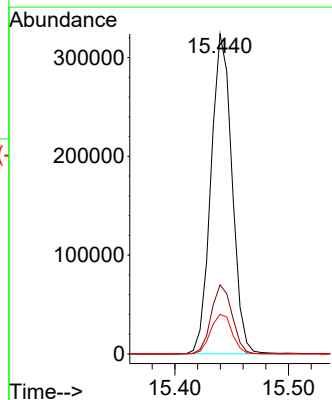
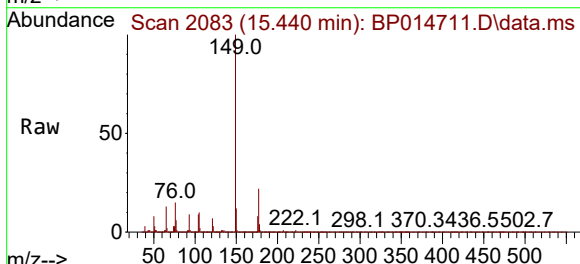
Instrument :
BNA_P
ClientSampleId :
SSTD020676

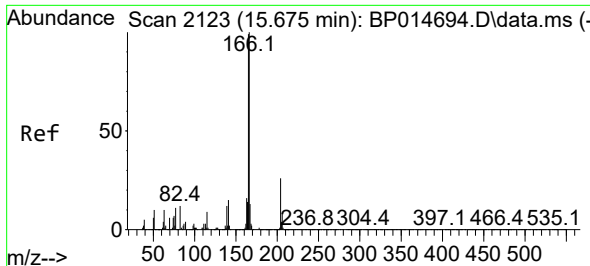
Tgt Ion:	232	Resp:	105264
Ion Ratio	Lower	Upper	
232	100		
131	49.9	35.0	52.4
130	2.8	1.9	2.9
166	32.6	24.1	36.1



#59
Diethylphthalate
Concen: 20.510 ng/ul
RT: 15.440 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:	149	Resp:	416878
Ion Ratio	Lower	Upper	
149	100		
177	21.6	18.2	27.2
150	12.3	9.8	14.8

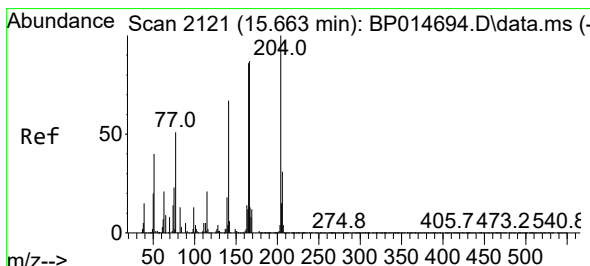
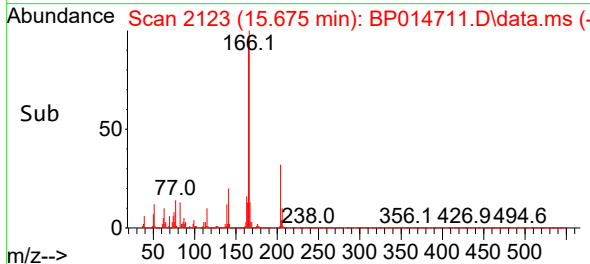
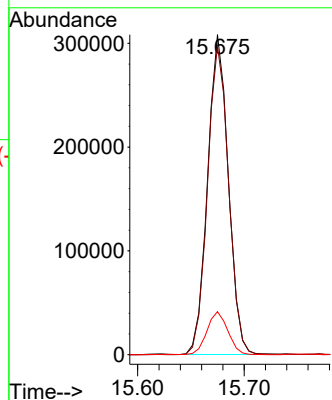
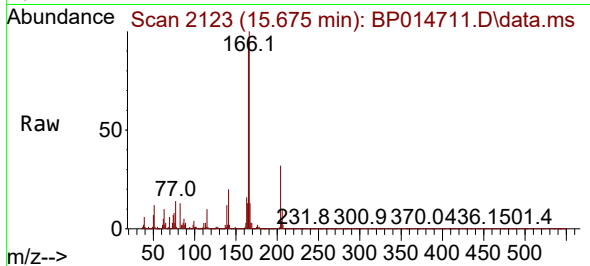




#61
Fluorene
Concen: 21.480 ng/ul
RT: 15.675 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

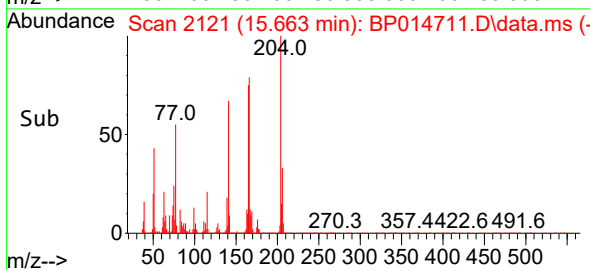
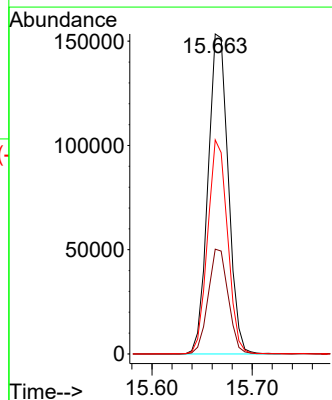
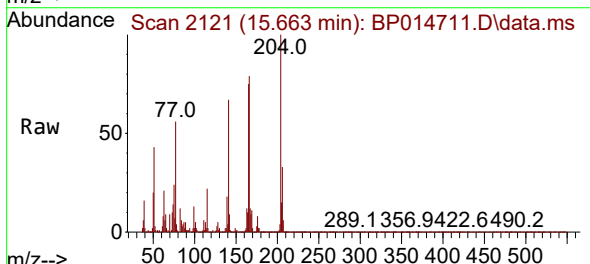
Instrument :
BNA_P
ClientSampleId :
SSTD020676

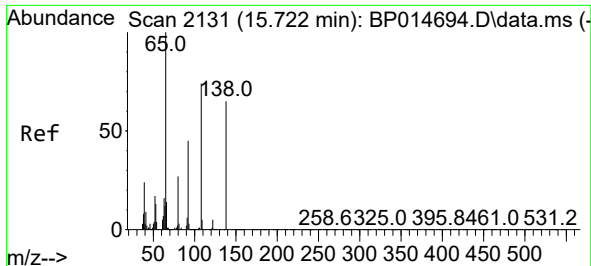
Tgt Ion:166 Resp: 418107
Ion Ratio Lower Upper
166 100
165 96.6 79.2 118.8
167 13.4 11.0 16.4



#62
4-Chlorophenyl-phenylether
Concen: 20.595 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:204 Resp: 215372
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 66.9 51.3 76.9

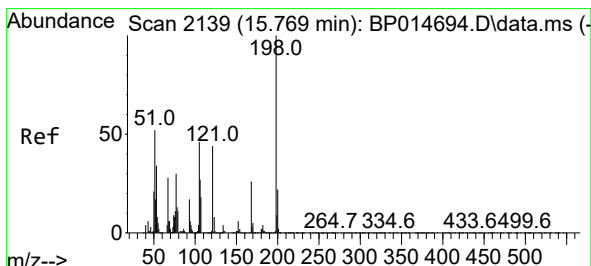
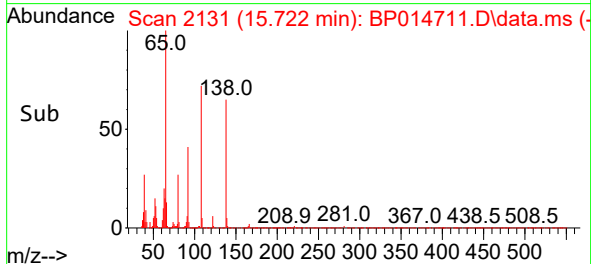
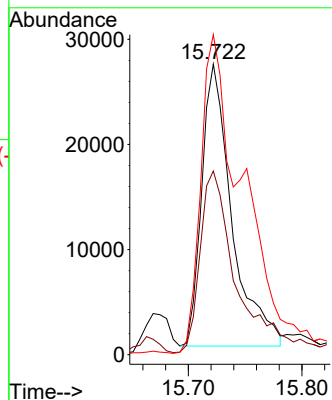
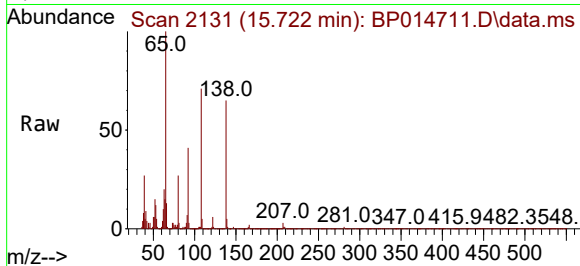




#63
4-Nitroaniline
Concen: 17.017 ng/ul
RT: 15.722 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

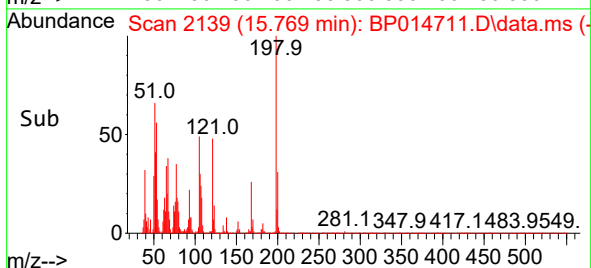
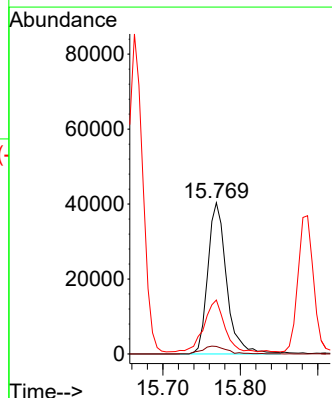
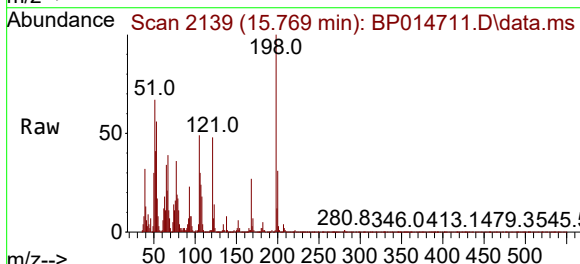
Instrument :
BNA_P
ClientSampleId :
SSTD020676

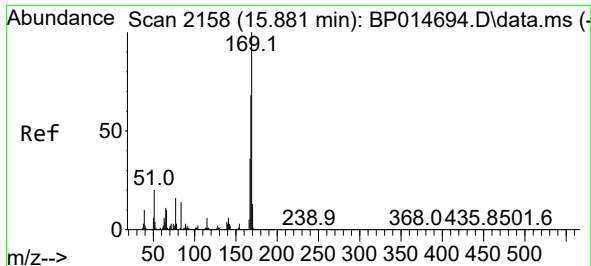
Tgt Ion:138 Resp: 49498
Ion Ratio Lower Upper
138 100
92 63.2 47.8 71.6
108 110.1 82.3 123.5



#66
4,6-Dinitro-2-methylphenol
Concen: 20.566 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:198 Resp: 67642
Ion Ratio Lower Upper
198 100
182 5.0 3.5 5.3
77 35.7 24.4 36.6

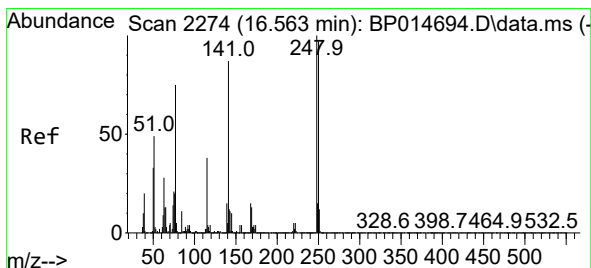
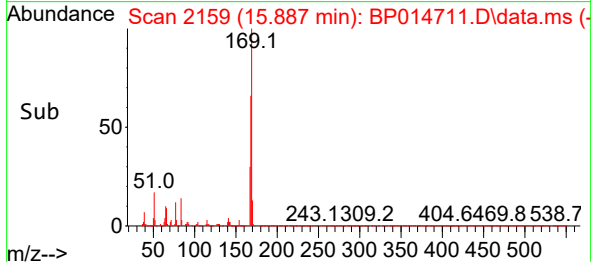
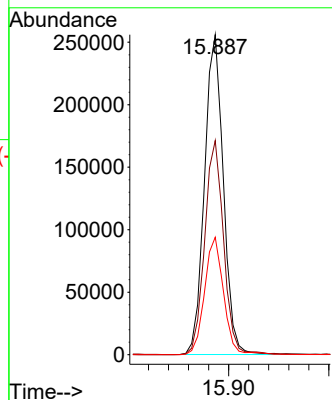
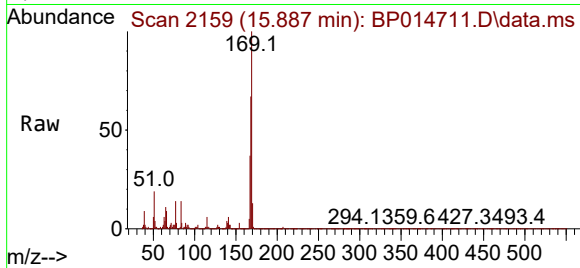




#67
N-Nitrosodiphenylamine
Concen: 23.353 ng/ul
RT: 15.887 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

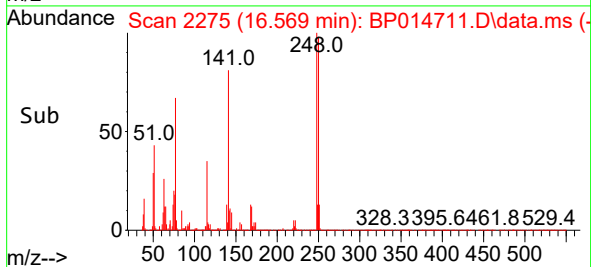
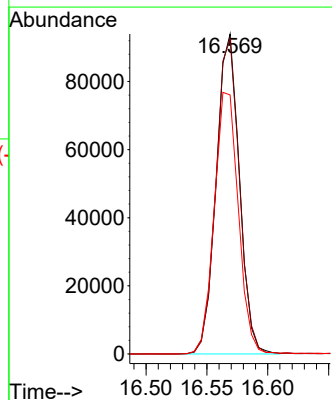
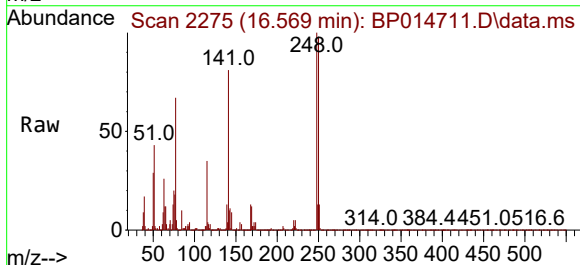
Instrument :
BNA_P
ClientSampleId :
SSTD020676

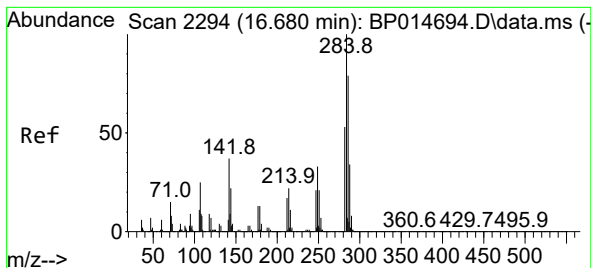
Tgt Ion:169 Resp: 335137
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.2
167 36.7 29.4 44.2



#68
4-Bromophenyl-phenylether
Concen: 21.600 ng/ul
RT: 16.569 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:248 Resp: 123974
Ion Ratio Lower Upper
248 100
250 98.4 78.1 117.1
141 80.9 66.0 99.0





#69

Hexachlorobenzene

Concen: 21.327 ng/ul

RT: 16.681 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

Instrument :

BNA_P

ClientSampleId :

SSTD020676

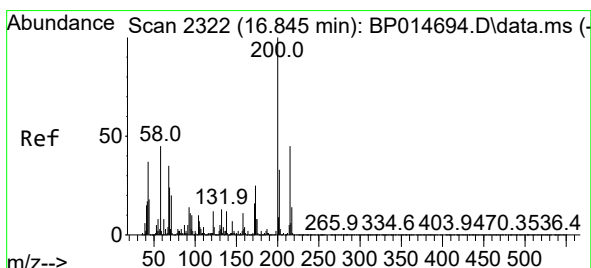
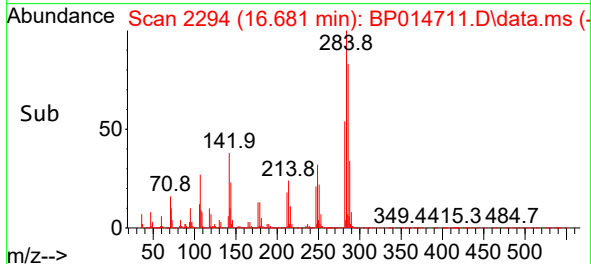
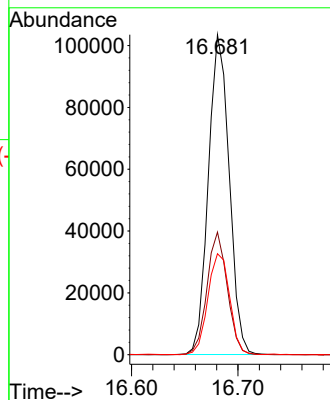
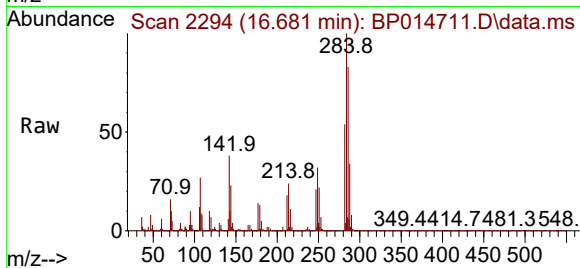
Tgt Ion:284 Resp: 140599

Ion Ratio Lower Upper

284 100

142 38.3 26.6 39.8

249 31.6 25.7 38.5



#70

Atrazine

Concen: 21.866 ng/ul

RT: 16.845 min Scan# 2322

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

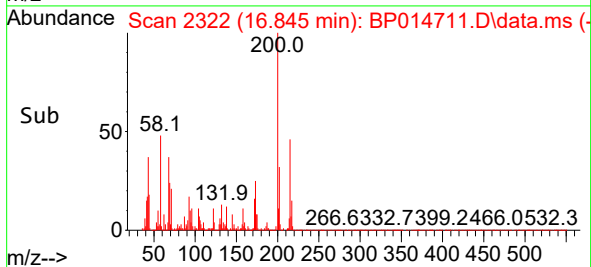
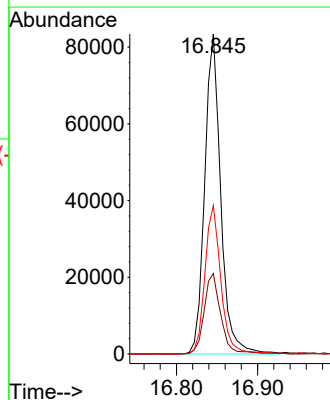
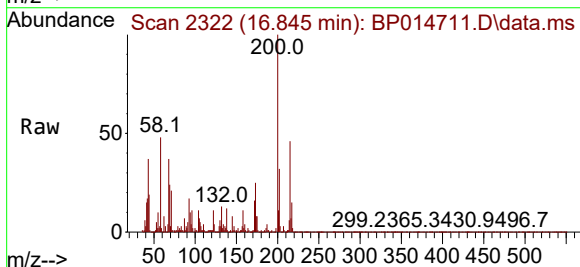
Tgt Ion:200 Resp: 114231

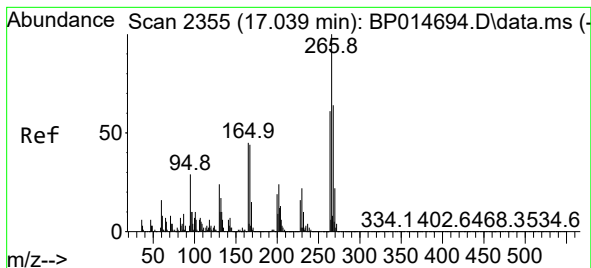
Ion Ratio Lower Upper

200 100

173 25.2 20.6 30.8

215 46.4 37.2 55.8





#71

Pentachlorophenol

Concen: 19.447 ng/ul

RT: 17.040 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

Instrument :

BNA_P

ClientSampleId :

SSTD020676

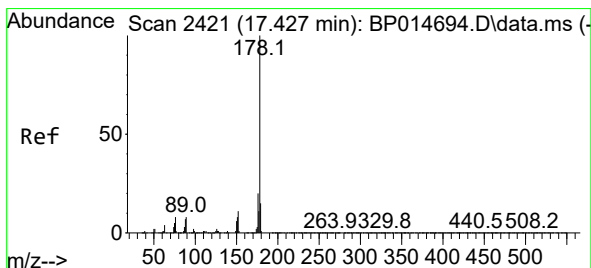
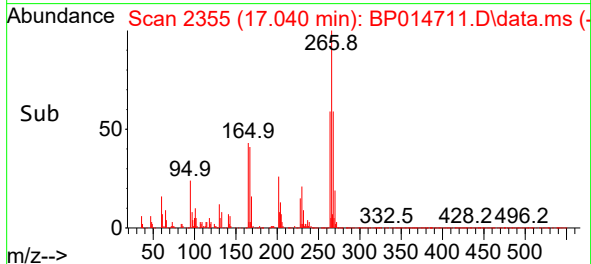
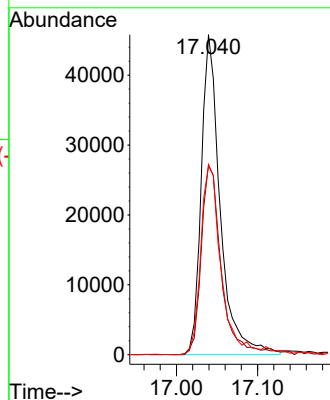
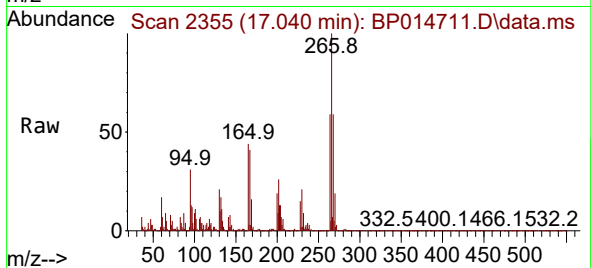
Tgt Ion:266 Resp: 74273

Ion Ratio Lower Upper

266 100

264 59.4 51.0 76.4

268 59.0 51.4 77.2



#72

Phenanthrene

Concen: 23.136 ng/ul

RT: 17.428 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

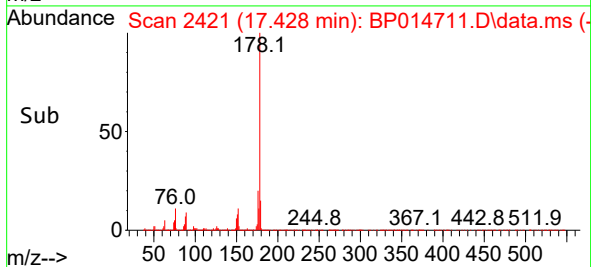
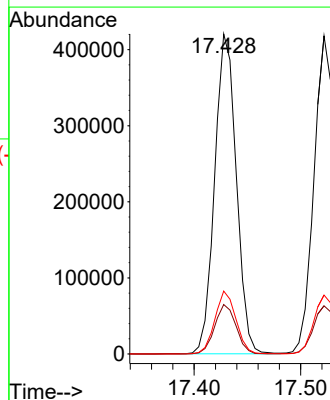
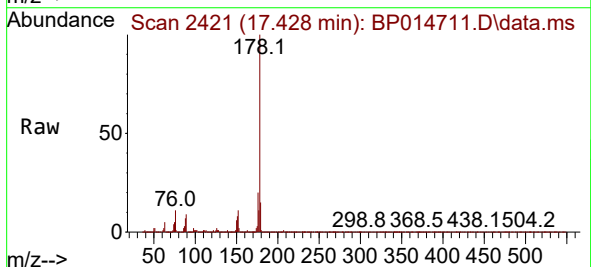
Tgt Ion:178 Resp: 593671

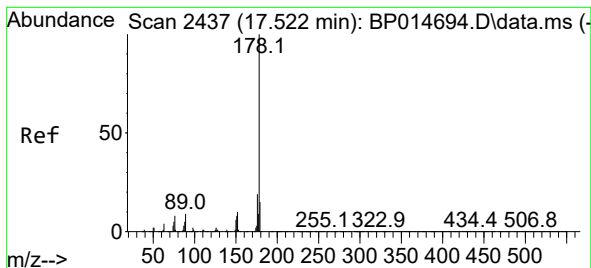
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.6 15.3 22.9





#74

Anthracene

Concen: 23.170 ng/uI

RT: 17.522 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

Instrument :

BNA_P

ClientSampleId :

SSTD020676

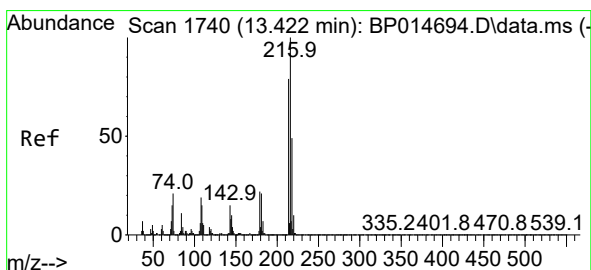
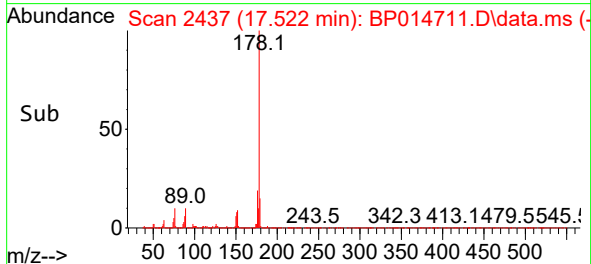
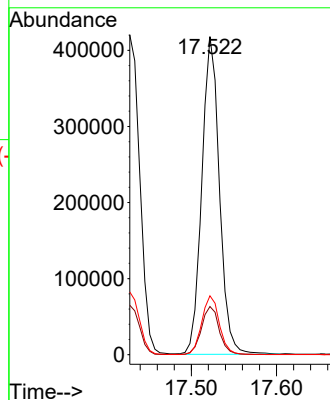
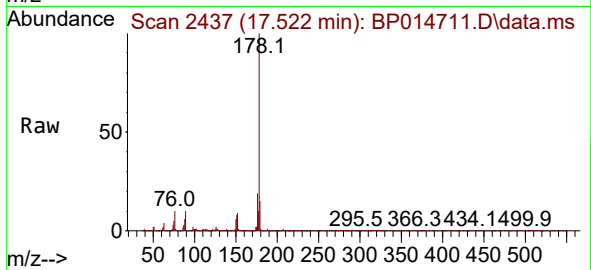
Tgt Ion:178 Resp: 599238

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.5 14.9 22.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.160 ng/uI

RT: 13.422 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

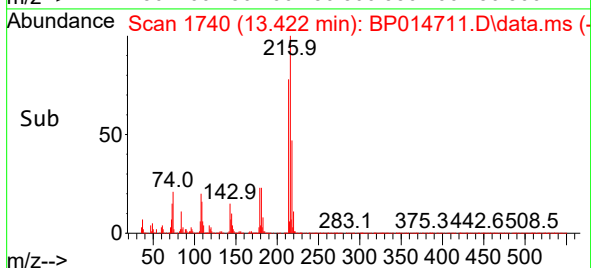
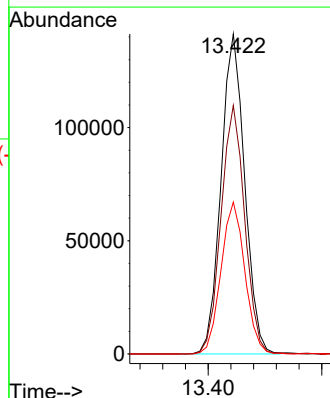
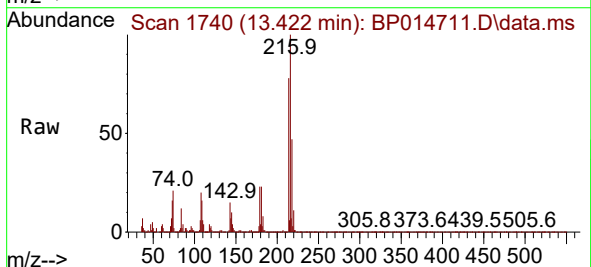
Tgt Ion:216 Resp: 204275

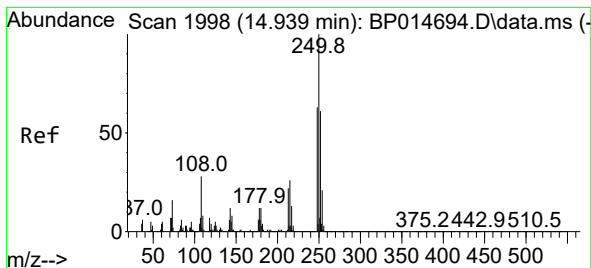
Ion Ratio Lower Upper

216 100

214 77.7 61.0 91.6

218 47.5 38.7 58.1





#76

Pentachlorobenzene

Concen: 23.030 ng/uL

RT: 14.940 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

Instrument :

BNA_P

ClientSampleId :

SSTD020676

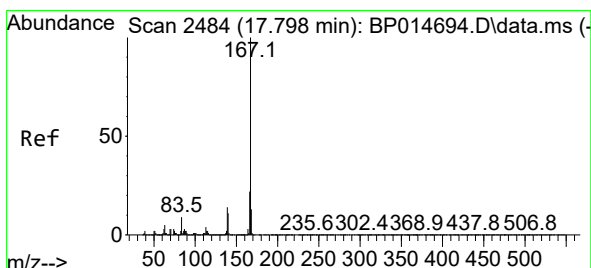
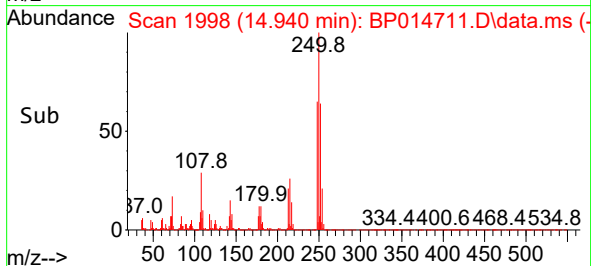
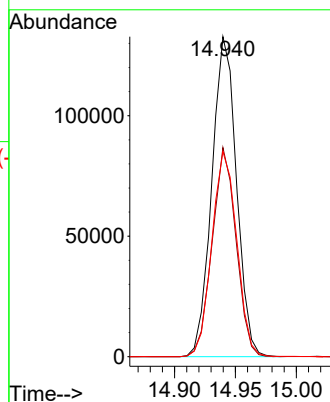
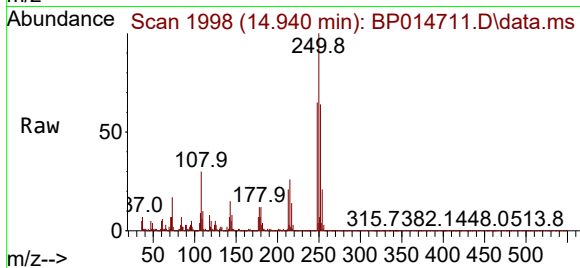
Tgt Ion:250 Resp: 186568

Ion Ratio Lower Upper

250 100

248 65.3 49.0 73.6

252 64.1 50.7 76.1



#77

Carbazole

Concen: 22.334 ng/uL

RT: 17.798 min Scan# 2484

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

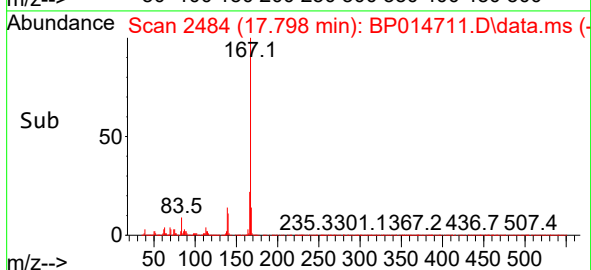
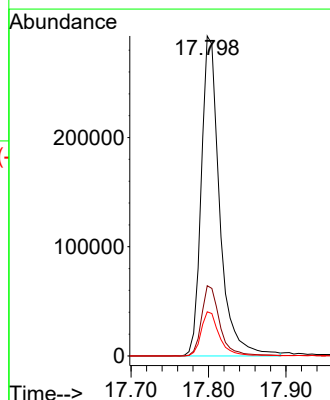
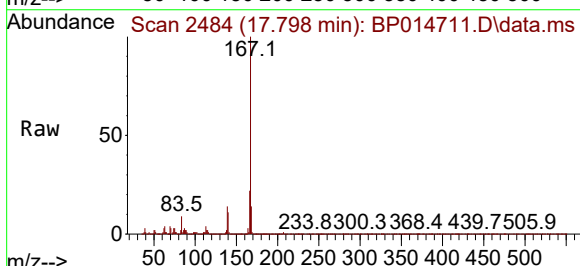
Tgt Ion:167 Resp: 483379

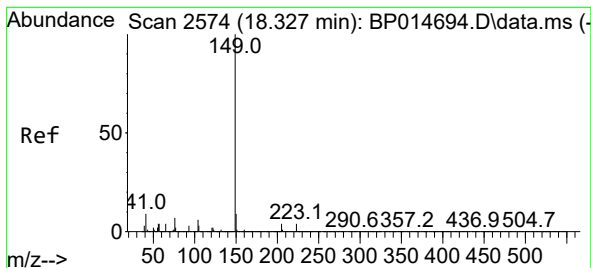
Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.8 11.3 16.9





#78

Di-n-butylphthalate

Concen: 21.842 ng/ul

RT: 18.328 min Scan# 2574

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

Instrument :

BNA_P

ClientSampleId :

SSTD020676

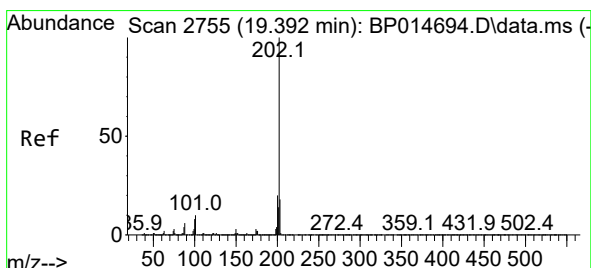
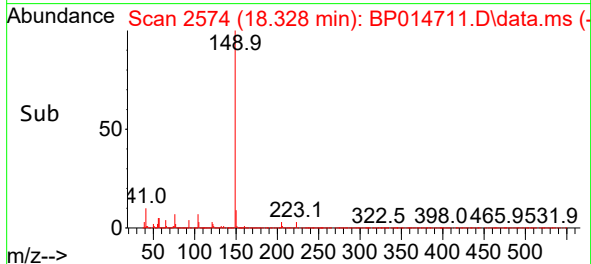
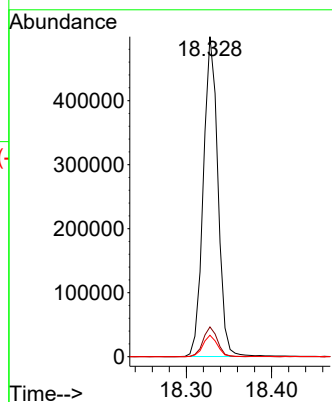
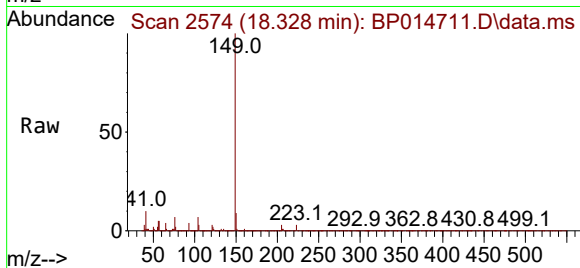
Tgt Ion:149 Resp: 594413

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 6.7 4.8 7.2



#80

Fluoranthene

Concen: 18.265 ng/ul

RT: 19.392 min Scan# 2755

Delta R.T. -0.006 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

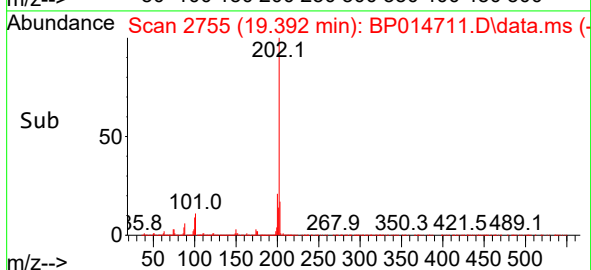
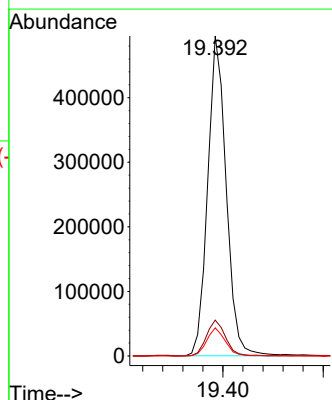
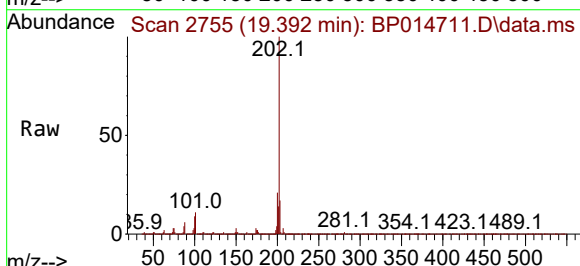
Tgt Ion:202 Resp: 636391

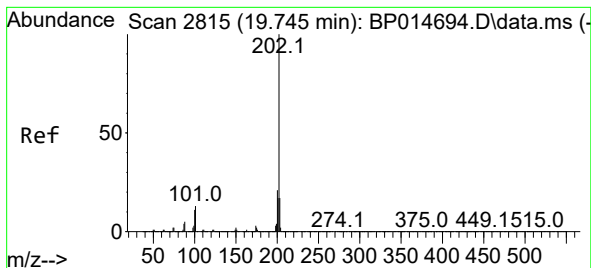
Ion Ratio Lower Upper

202 100

101 11.2 8.2 12.2

100 8.8 6.4 9.6





#82

Pyrene

Concen: 18.666 ng/ul

RT: 19.751 min Scan# 2816

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

Instrument :

BNA_P

ClientSampleId :

SSTD020676

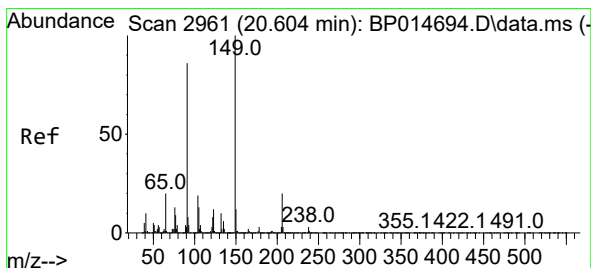
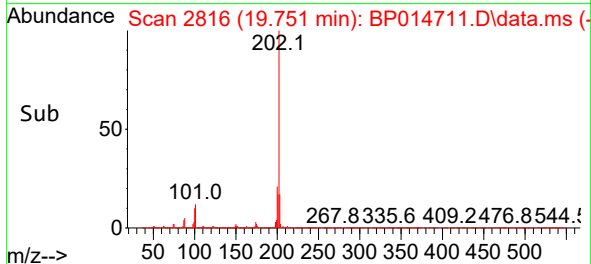
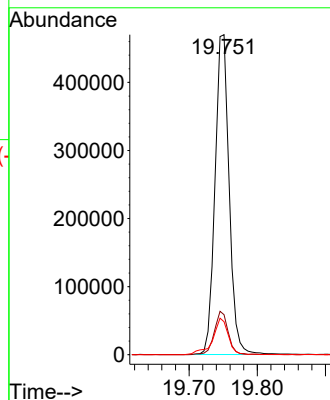
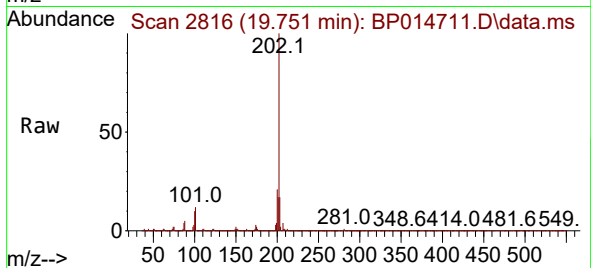
Tgt Ion:202 Resp: 679016

Ion Ratio Lower Upper

202 100

101 12.5 9.7 14.5

100 10.3 8.0 12.0



#83

Butylbenzylphthalate

Concen: 20.346 ng/ul

RT: 20.610 min Scan# 2962

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

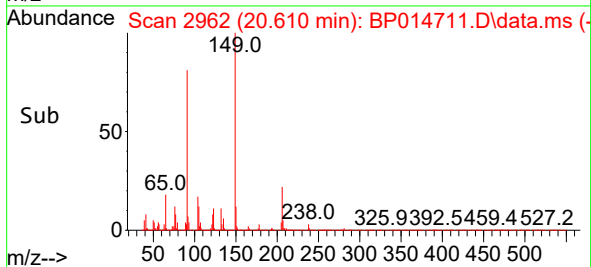
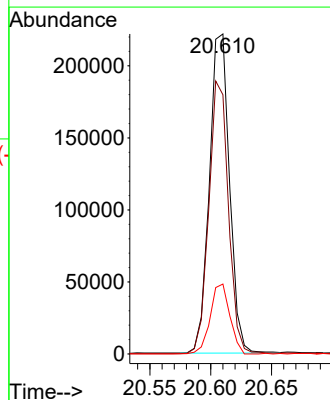
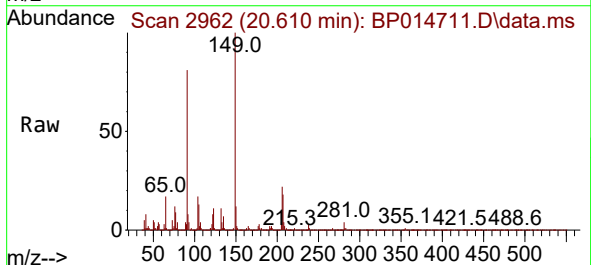
Tgt Ion:149 Resp: 254938

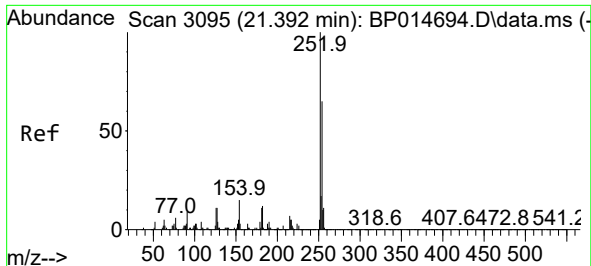
Ion Ratio Lower Upper

149 100

91 81.0 61.8 92.8

206 21.9 17.8 26.6

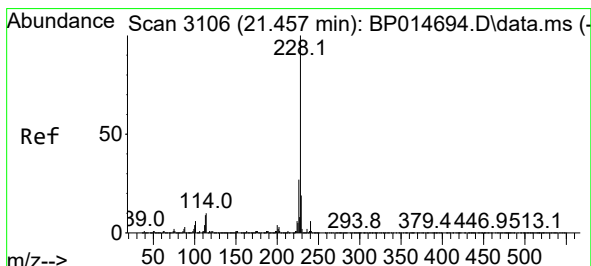
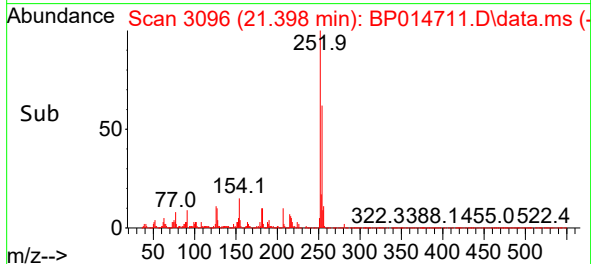
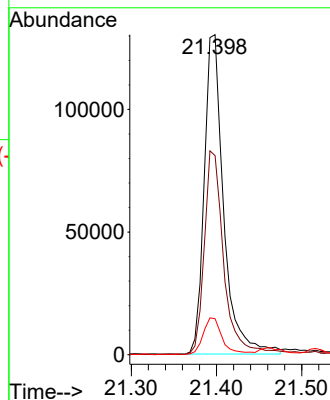
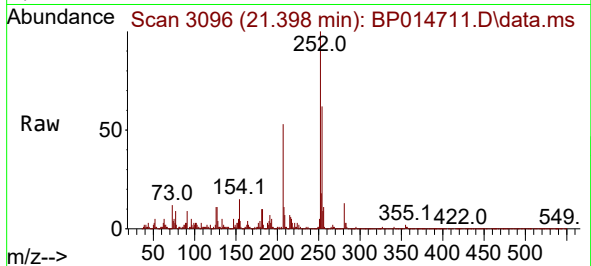




#84
3,3'-Dichlorobenzidine
Concen: 21.277 ng/ul
RT: 21.398 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

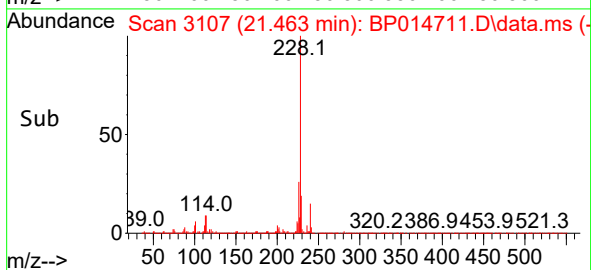
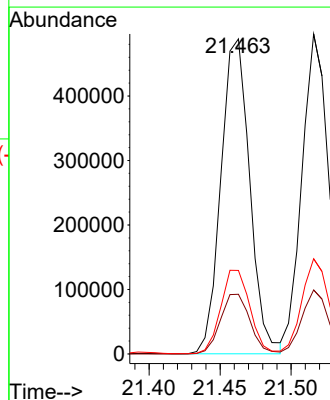
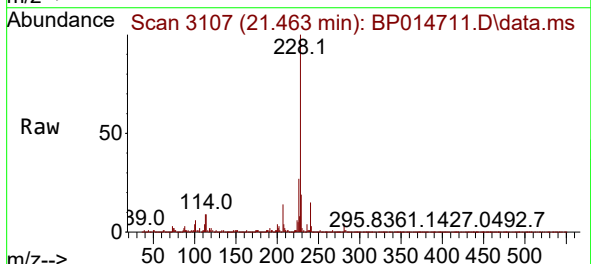
Instrument :
BNA_P
ClientSampleId :
SSTD020676

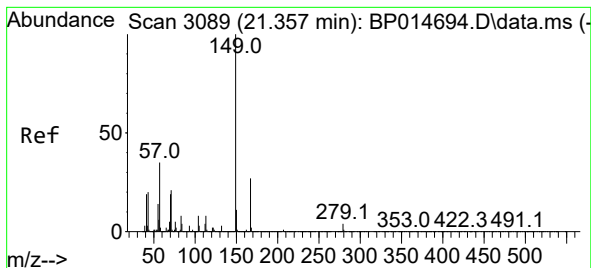
Tgt Ion:252 Resp: 206445
Ion Ratio Lower Upper
252 100
254 62.2 51.4 77.0
126 11.3 7.8 11.6



#85
Benzo(a)anthracene
Concen: 22.194 ng/ul
RT: 21.463 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:228 Resp: 689999
Ion Ratio Lower Upper
228 100
229 19.0 15.6 23.4
226 26.5 21.8 32.6

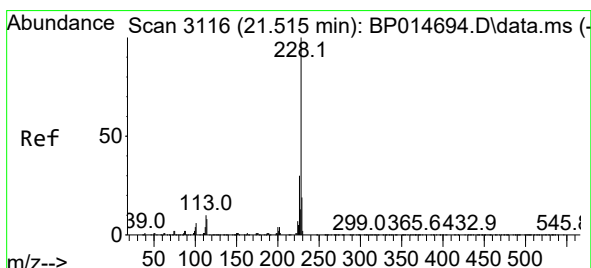
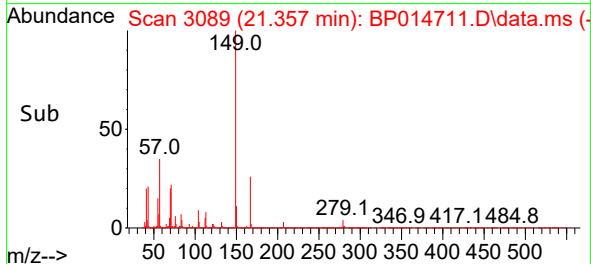
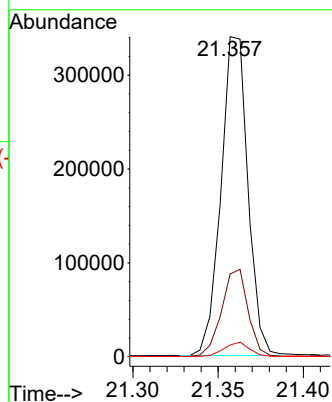
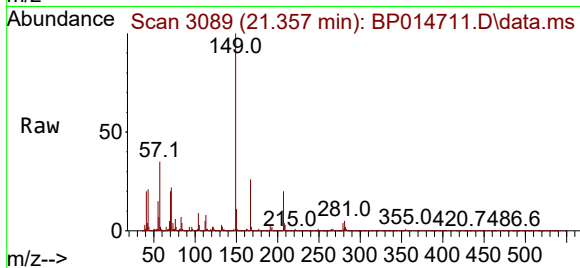




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 21.833 ng/ul
 RT: 21.357 min Scan# 3089
 Delta R.T. -0.006 min
 Lab File: BP014711.D
 Acq: 13 Apr 2023 13:56

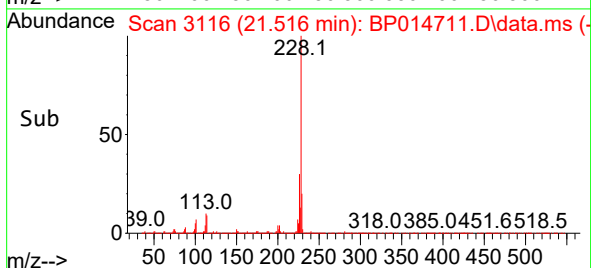
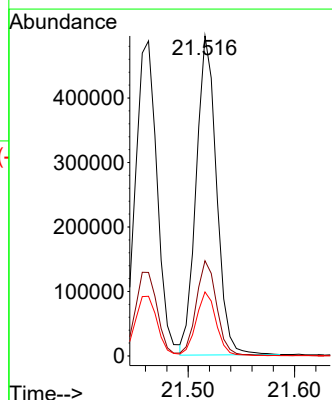
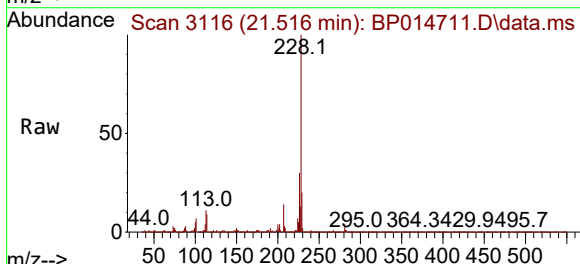
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020676

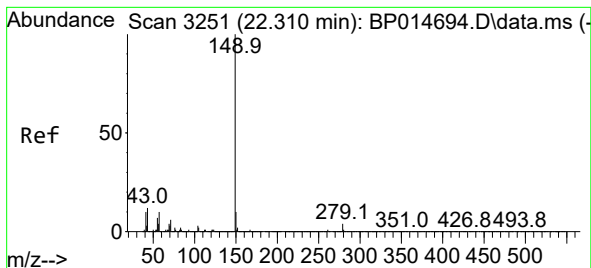
Tgt Ion:149 Resp: 374100
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.9 32.9
 279 3.6 3.7 5.5#



#87
 Chrysene
 Concen: 22.412 ng/ul
 RT: 21.516 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BP014711.D
 Acq: 13 Apr 2023 13:56

Tgt Ion:228 Resp: 657908
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.8 35.8
 229 20.0 16.1 24.1





#89

Di-n-octyl phthalate

Concen: 20.690 ng/ul

RT: 22.310 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

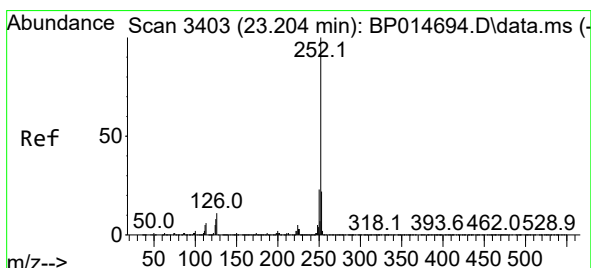
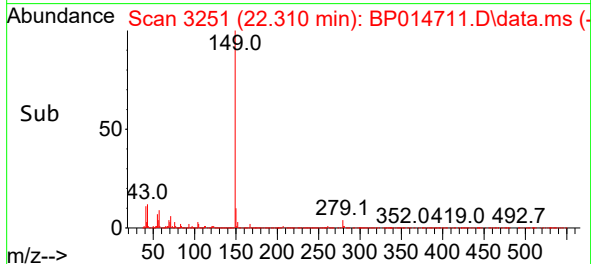
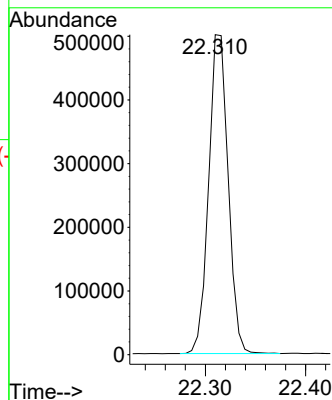
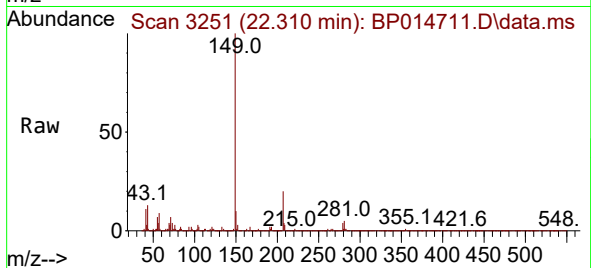
Instrument :

BNA_P

ClientSampleId :

SSTD020676

Tgt Ion:149 Resp: 678024



#90

Benzo(b)fluoranthene

Concen: 21.891 ng/ul

RT: 23.210 min Scan# 3404

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

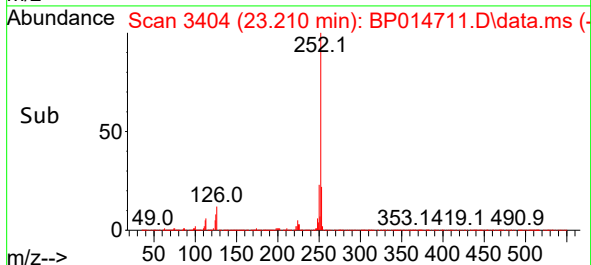
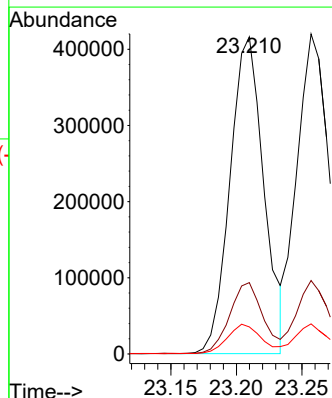
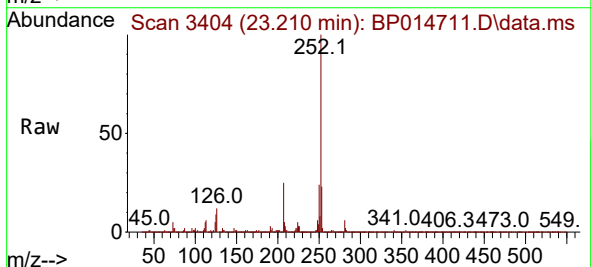
Tgt Ion:252 Resp: 746613

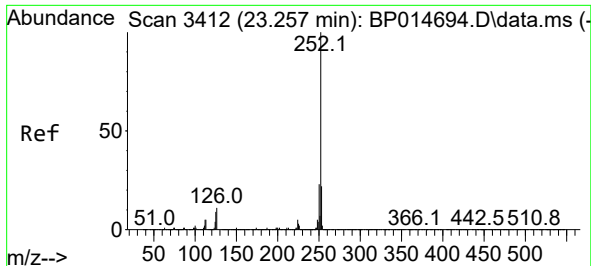
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 8.5 6.8 10.2

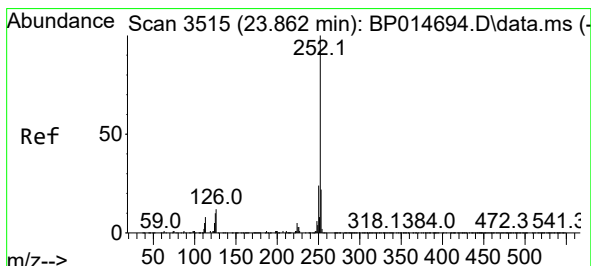
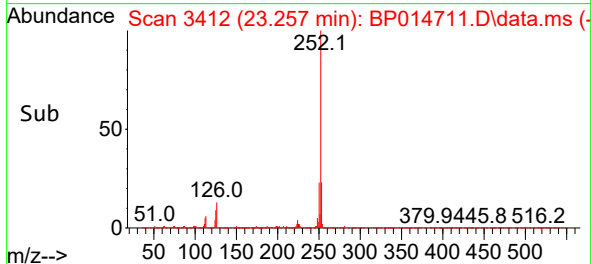
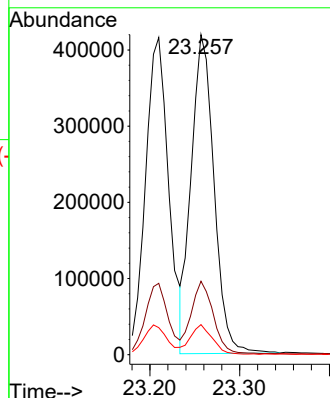
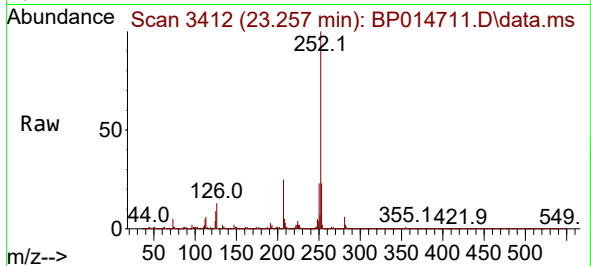




#91
Benzo(k)fluoranthene
Concen: 22.331 ng/ul
RT: 23.257 min Scan# 3412
Delta R.T. -0.006 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

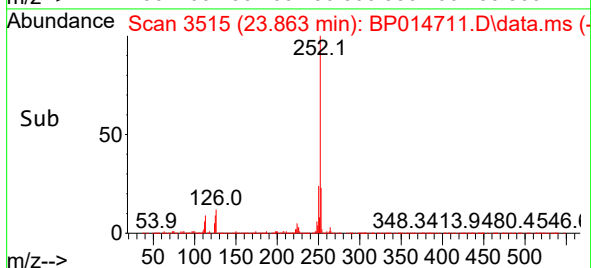
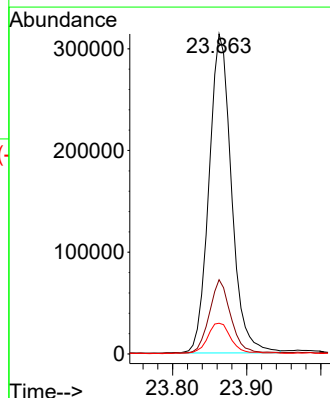
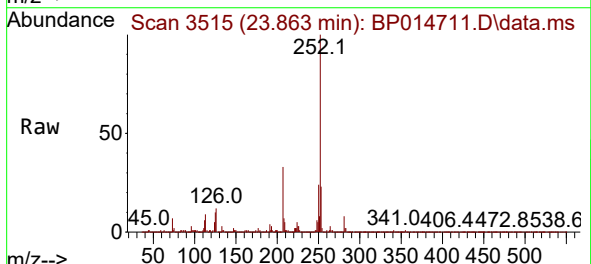
Instrument :
BNA_P
ClientSampleId :
SSTD020676

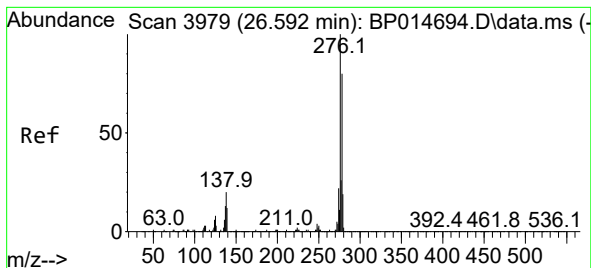
Tgt Ion:252 Resp: 739715
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 9.4 6.9 10.3



#93
Benzo(a)pyrene
Concen: 22.478 ng/ul
RT: 23.863 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP014711.D
Acq: 13 Apr 2023 13:56

Tgt Ion:252 Resp: 659901
Ion Ratio Lower Upper
252 100
253 23.2 16.9 25.3
125 9.6 6.8 10.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 22.221 ng/ul

RT: 26.592 min Scan# 3979

Delta R.T. -0.006 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

Instrument :

BNA_P

ClientSampleId :

SSTD020676

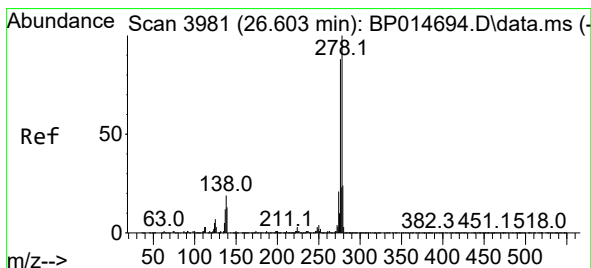
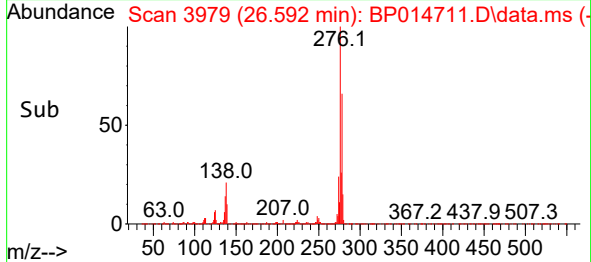
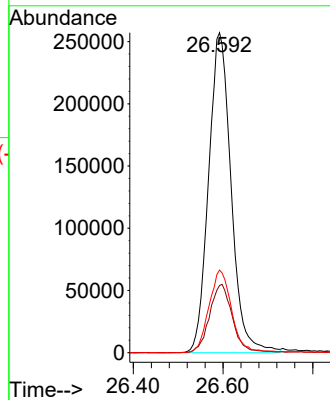
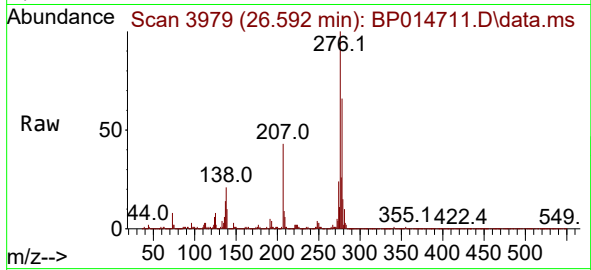
Tgt Ion:276 Resp: 897498

Ion Ratio Lower Upper

276 100

138 21.0 14.9 22.3

277 25.8 20.3 30.5



#95

Dibenzo(a,h)anthracene

Concen: 22.256 ng/ul

RT: 26.610 min Scan# 3982

Delta R.T. 0.000 min

Lab File: BP014711.D

Acq: 13 Apr 2023 13:56

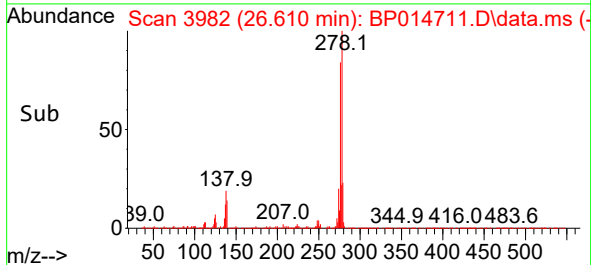
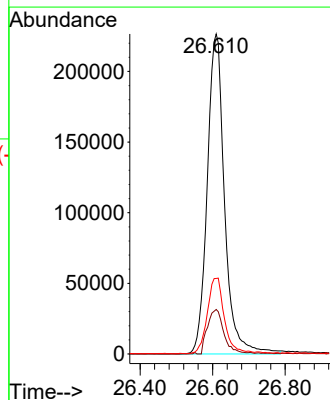
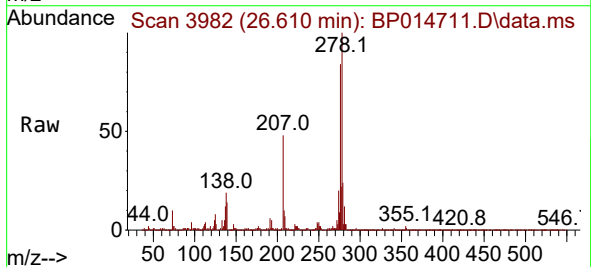
Tgt Ion:278 Resp: 752613

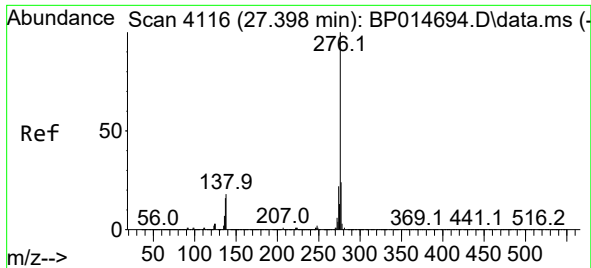
Ion Ratio Lower Upper

278 100

139 13.9 10.4 15.6

279 23.6 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 22.599 ng/ul
 RT: 27.404 min Scan# 4117
 Delta R.T. 0.000 min
 Lab File: BP014711.D
 Acq: 13 Apr 2023 13:56

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020676

Tgt Ion:276 Resp: 744005
 Ion Ratio Lower Upper
 276 100
 138 17.1 13.0 19.4
 277 23.4 18.4 27.6

