

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041823\
 Data File : BP014715.D
 Acq On : 18 Apr 2023 16:50
 Operator : CG/JU
 Sample : SSTD02049
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020634

Quant Time: Apr 19 01:01:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 00:51:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	189337	20.000	ng/ul	0.00
20) Naphthalene-d8	10.987	136	806091	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.787	164	515699	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	1128861	20.000	ng/ul	0.00
79) Chrysene-d12	21.610	240	1116948	20.000	ng/ul	0.00
88) Perylene-d12	24.192	264	1186375	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	39113	8.011	ng/uL	0.00
4) Pyridine-d5	3.917	84	262668	20.993	ng/ul	0.00
7) Phenol-d5	7.287	99	338247	19.371	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	216128	19.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	258031	20.445	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	263766	18.727	ng/ul	0.00
21) Nitrobenzene-d5	9.328	128	103474	15.901	ng/ul	0.00
24) 2-Nitrophenol-d4	10.057	143	92085	12.358	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	261603	19.277	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	394195	22.053	ng/ul	0.00
46) Dimethylphthalate-d6	14.187	166	853666	20.416	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	1000543	21.565	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	123650	19.574	ng/ul	0.00
60) Fluorene-d10	15.775	176	740965	21.250	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	72638	8.745	ng/ul	0.00
73) Anthracene-d10	17.639	188	1161649	21.263	ng/ul	0.00
81) Pyrene-d10	19.851	212	1342555	17.895	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	1309192	20.770	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	43150	8.042	ng/uL	100
5) Pyridine	3.934	79	272134	20.784	ng/ul	100
6) Benzaldehyde	7.281	77	208143	23.981	ng/ul	100
8) Phenol	7.316	94	356897	19.703	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.564	93	293054	20.132	ng/ul	100
12) 2-Chlorophenol	7.711	128	269879	20.545	ng/ul	100
13) 2-Methylphenol	8.587	108	265862	19.681	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.693	45	383101	20.045	ng/ul	100
16) Acetophenone	8.981	105	467364	20.094	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.963	70	229372	18.255	ng/ul	100
18) 4-Methylphenol	8.916	108	292311	19.703	ng/ul	100
19) Hexachloroethane	9.252	117	112264	19.560	ng/ul	100
22) Nitrobenzene	9.369	77	291502	15.593	ng/ul	100
23) Isophorone	9.893	82	659982	19.152	ng/ul	100
25) 2-Nitrophenol	10.087	139	113689	14.455	ng/ul	100
26) 2,4-Dimethylphenol	10.134	107	319381	18.143	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.381	93	404010	19.555	ng/ul	100
29) 2,4-Dichlorophenol	10.616	162	263033	19.695	ng/ul	100
30) Naphthalene	11.034	128	941838	20.976	ng/ul	100
32) 4-Chloroaniline	11.134	127	403915	22.310	ng/ul	100
33) Hexachlorobutadiene	11.322	225	184177	17.407	ng/ul	100
34) Caprolactam	11.887	113	78041	19.780	ng/ul	100
35) 4-Chloro-3-methylphenol	12.234	107	278065	16.928	ng/ul	100
36) 2-Methylnaphthalene	12.628	142	637589	20.953	ng/ul	100

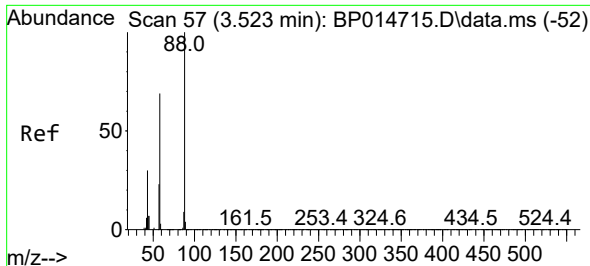
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.846	142	633500	20.992	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	361028	19.635	ng/ul	100
40) Hexachlorocyclopentadiene	12.975	237	190351	15.986	ng/ul	100
41) 2,4,6-Trichlorophenol	13.222	196	205515	18.063	ng/ul	100
42) 2,4,5-Trichlorophenol	13.287	196	225492	18.616	ng/ul	100
43) 1,1'-Biphenyl	13.622	154	868501	20.845	ng/ul	100
44) 2-Chloronaphthalene	13.669	162	678456	20.595	ng/ul	100
45) 2-Nitroaniline	13.863	65	128438	12.589	ng/ul	100
47) Dimethylphthalate	14.234	163	856849	20.495	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	116317	14.240	ng/ul	100
50) Acenaphthylene	14.510	152	1078141	21.819	ng/ul	100
51) 3-Nitroaniline	14.681	138	127932	17.483	ng/ul	100
52) Acenaphthene	14.851	153	733187	20.998	ng/ul	100
53) 2,4-Dinitrophenol	14.881	184	40601	7.676	ng/ul	100
55) 4-Nitrophenol	14.963	109	109486	17.562	ng/ul	100
56) Dibenzofuran	15.181	168	1033887	21.063	ng/ul	100
57) 2,4-Dinitrotoluene	15.134	165	175648	15.160	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.404	232	192481	17.681	ng/ul	100
59) Diethylphthalate	15.598	149	850173	20.464	ng/ul	100
61) Fluorene	15.834	166	862053	21.667	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.822	204	436268	20.410	ng/ul	100
63) 4-Nitroaniline	15.840	138	139357	23.439	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.892	198	81814	10.164	ng/ul	100
67) N-Nitrosodiphenylamine	16.034	169	712165	20.276	ng/ul	100
68) 4-Bromophenyl-phenylether	16.722	248	266037	18.939	ng/ul	100
69) Hexachlorobenzene	16.840	284	307463	19.056	ng/ul	100
70) Atrazine	16.981	200	253047	19.792	ng/ul	100
71) Pentachlorophenol	17.181	266	155308	16.615	ng/ul	100
72) Phenanthrene	17.581	178	1343278	21.389	ng/ul	100
74) Anthracene	17.669	178	1382819	21.846	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.593	216	367331	18.486	ng/ul	100
76) Pentachlorobenzene	15.098	250	362675	18.292	ng/ul	100
77) Carbazole	17.928	167	1213380	22.907	ng/ul	100
78) Di-n-butylphthalate	18.475	149	1376187	20.662	ng/ul	100
80) Fluoranthene	19.528	202	1570525	17.705	ng/ul	100
82) Pyrene	19.881	202	1660761	17.932	ng/ul	100
83) Butylbenzylphthalate	20.739	149	438259	13.738	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.516	252	531901	21.532	ng/ul	100
85) Benzo(a)anthracene	21.592	228	1642615	20.753	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.510	149	764576	17.527	ng/ul	100
87) Chrysene	21.651	228	1554820	20.804	ng/ul	100
89) Di-n-octyl phthalate	22.498	149	1191494	15.476	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	1633062	20.381	ng/ul	100
91) Benzo(k)fluoranthene	23.451	252	1655817	21.277	ng/ul	100
93) Benzo(a)pyrene	24.074	252	1463533	21.220	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.915	276	1874610	19.757	ng/ul	100
95) Dibenzo(a,h)anthracene	26.939	278	1583231	19.929	ng/ul	100
96) Benzo(g,h,i)perylene	27.757	276	1496735	19.352	ng/ul	100

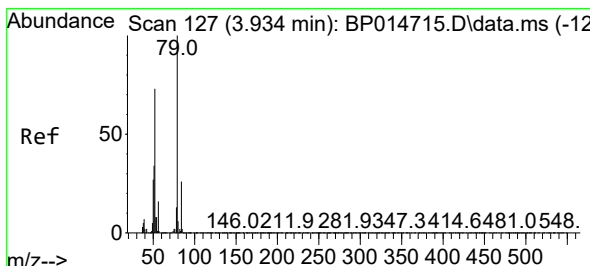
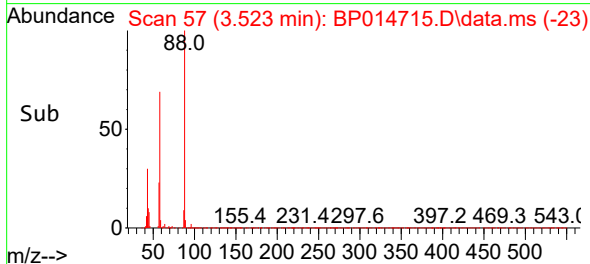
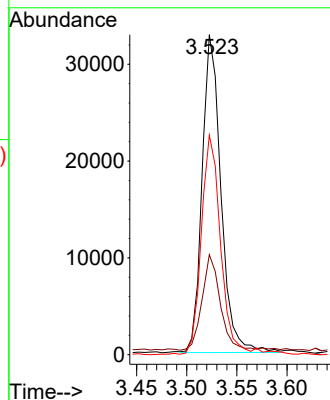
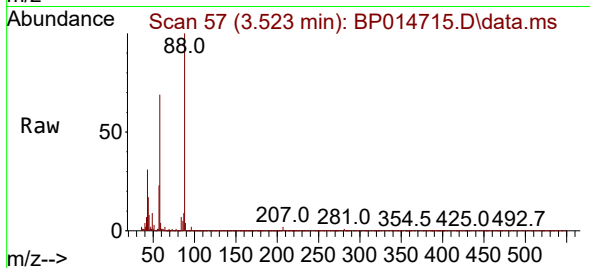
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#2
1,4-Dioxane
Concen: 8.042 ng/uL
RT: 3.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP014715.D
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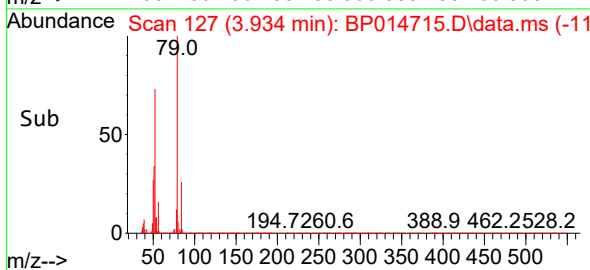
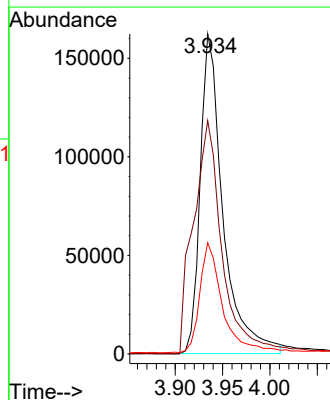
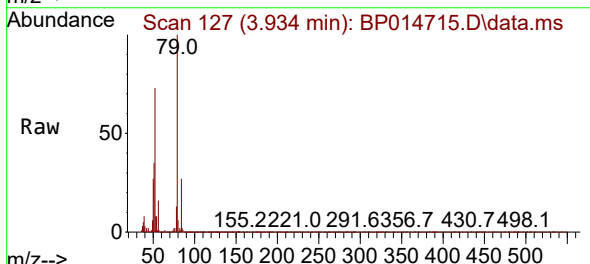
Instrument :
BNA_P
ClientSampleId :
SSTD020634

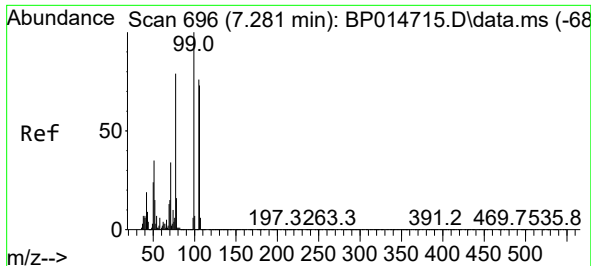
Tgt Ion:	88	Resp:	43150
Ion	Ratio	Lower	Upper
88	100		
43	31.3	25.0	37.6
58	68.6	54.9	82.3



#5
Pyridine
Concen: 20.784 ng/uL
RT: 3.934 min Scan# 127
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:	79	Resp:	272134
Ion	Ratio	Lower	Upper
79	100		
52	72.9	58.3	87.5
51	34.7	27.8	41.6

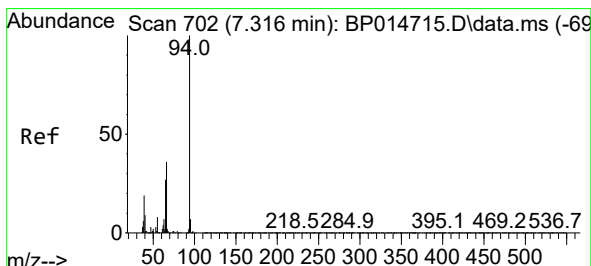
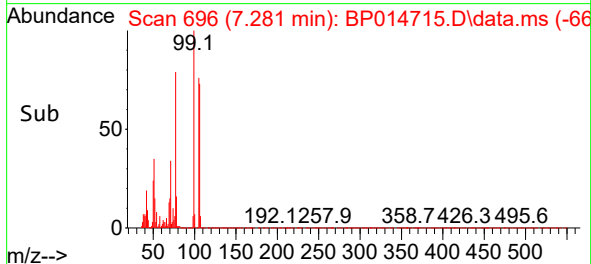
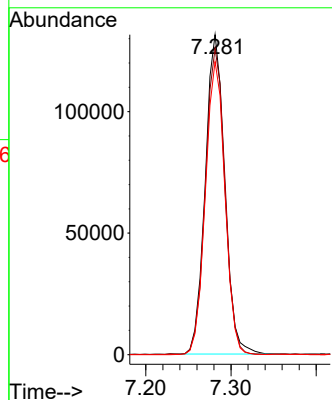
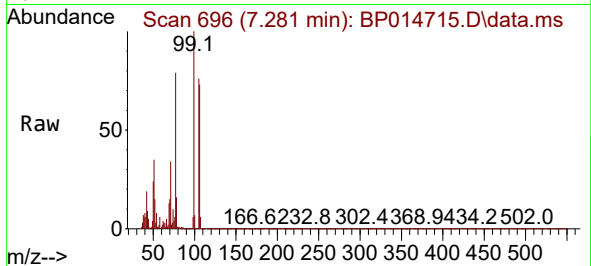




#6
Benzaldehyde
Concen: 23.981 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

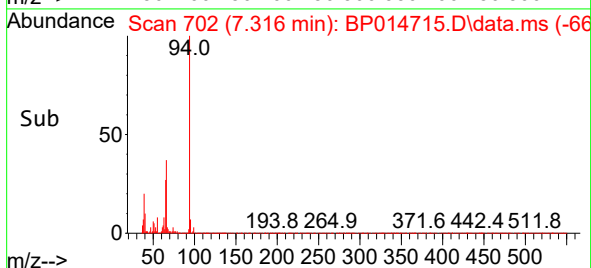
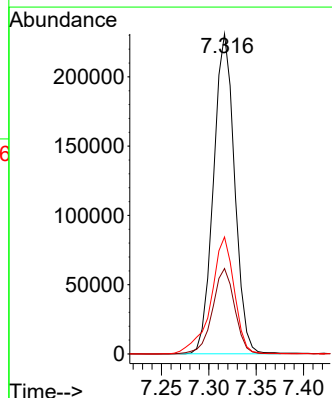
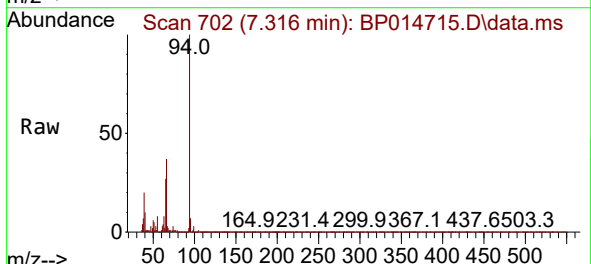
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BNA_P
ClientSampleId :
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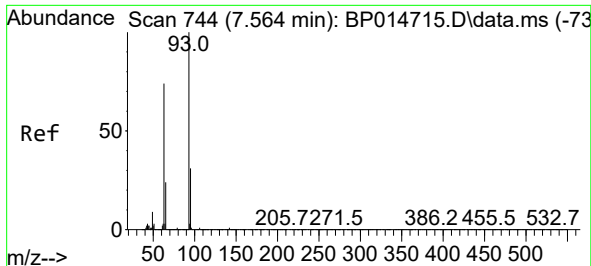
Tgt Ion: 77 Resp: 208143
Ion Ratio Lower Upper
77 100
105 95.7 76.6 114.8
106 91.6 73.3 109.9



#8
Phenol
Concen: 19.703 ng/ul
RT: 7.316 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion: 94 Resp: 356897
Ion Ratio Lower Upper
94 100
65 26.7 21.4 32.0
66 36.5 29.2 43.8

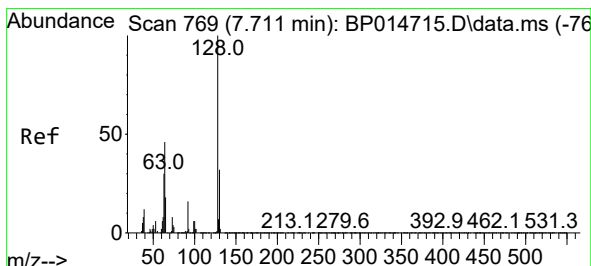
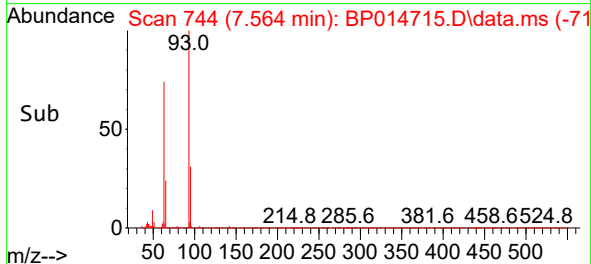
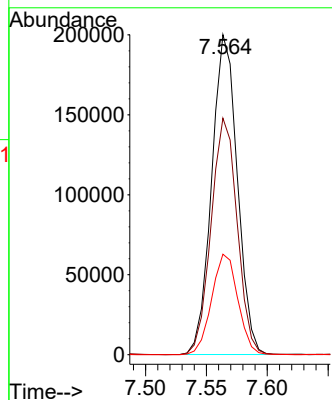
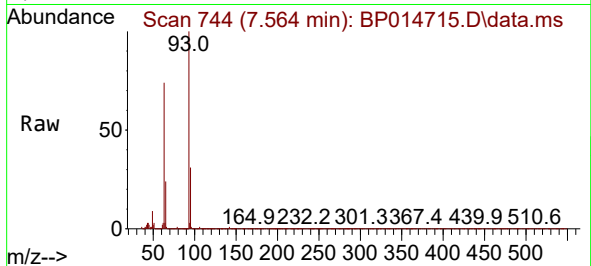




#10
 Bis(2-Chloroethyl)ether
 Concen: 20.132 ng/ul
 RT: 7.564 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: BP014715.D
 Acq: 18 Apr 2023 16:50

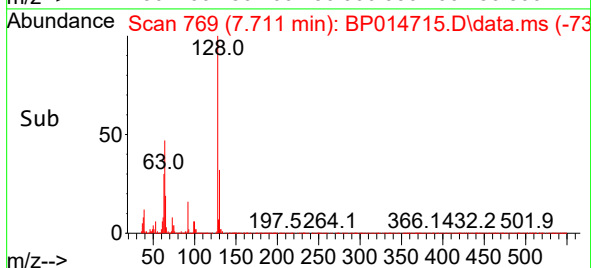
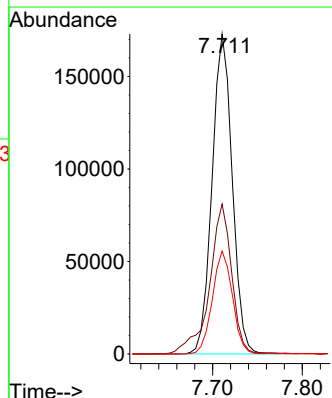
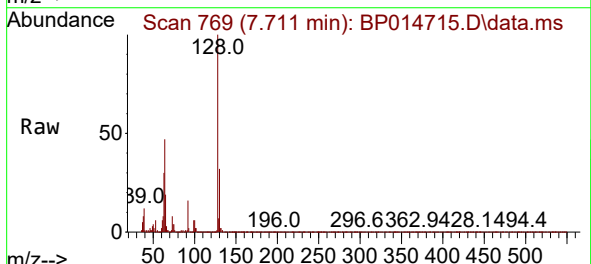
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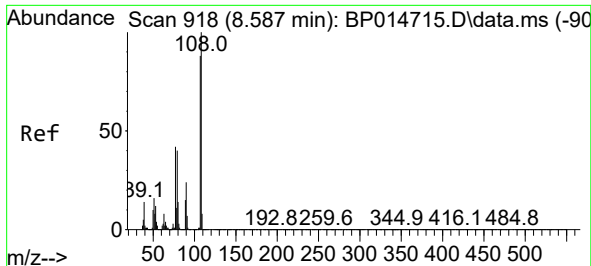
Tgt Ion: 93 Resp: 293054
 Ion Ratio Lower Upper
 93 100
 63 73.9 59.1 88.7
 95 31.4 25.1 37.7



#12
 2-Chlorophenol
 Concen: 20.545 ng/ul
 RT: 7.711 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: BP014715.D
 Acq: 18 Apr 2023 16:50

Tgt Ion:128 Resp: 269879
 Ion Ratio Lower Upper
 128 100
 64 46.9 37.5 56.3
 130 32.2 25.8 38.6





#13

2-Methylphenol

Concen: 19.681 ng/ul

RT: 8.587 min Scan# 918

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

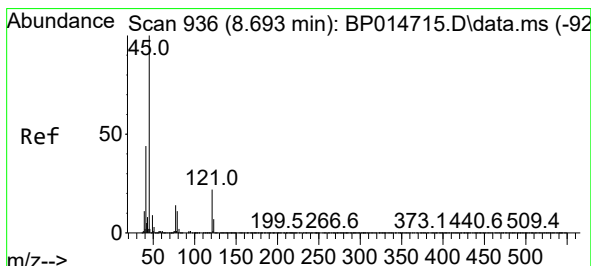
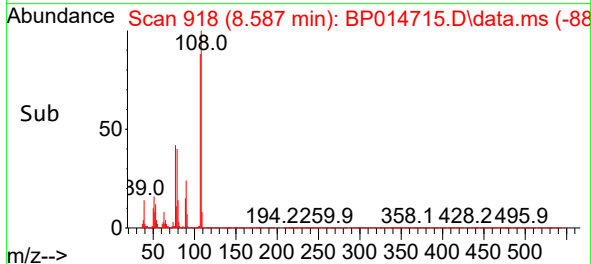
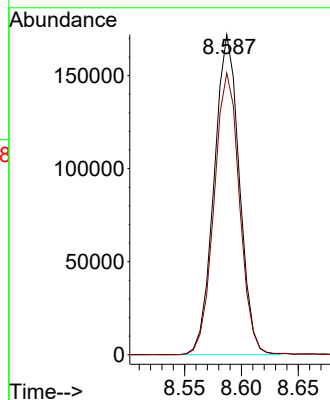
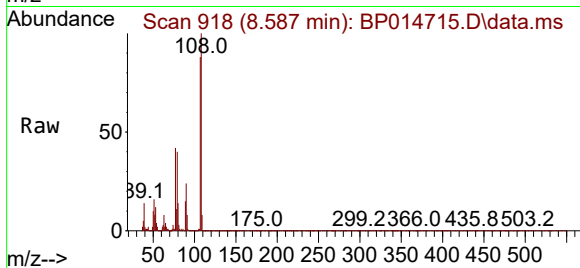
SSTD020634

Tgt Ion:108 Resp: 265862

Ion Ratio Lower Upper

108 100

107 88.0 70.4 105.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.045 ng/ul

RT: 8.693 min Scan# 936

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

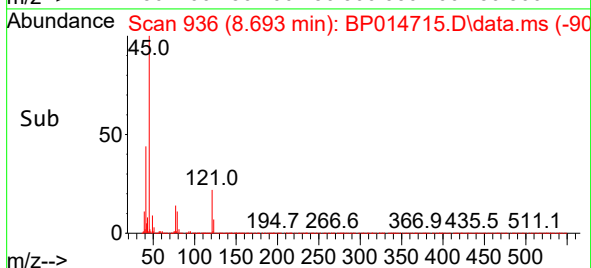
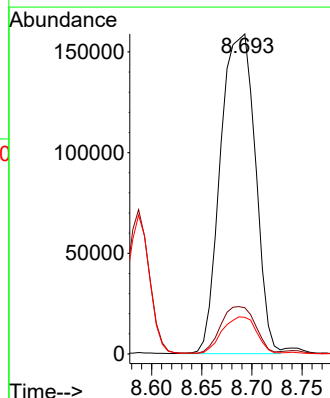
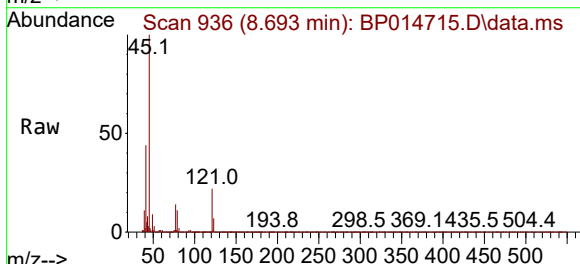
Tgt Ion: 45 Resp: 383101

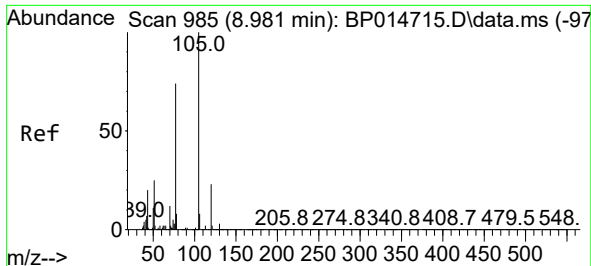
Ion Ratio Lower Upper

45 100

77 14.5 11.6 17.4

79 11.5 9.2 13.8

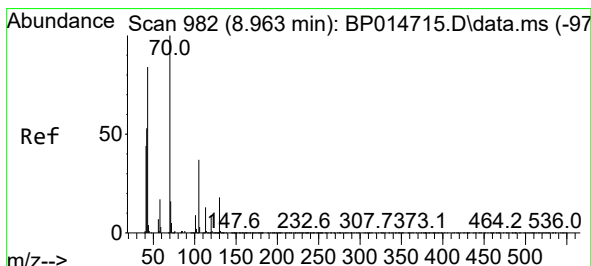
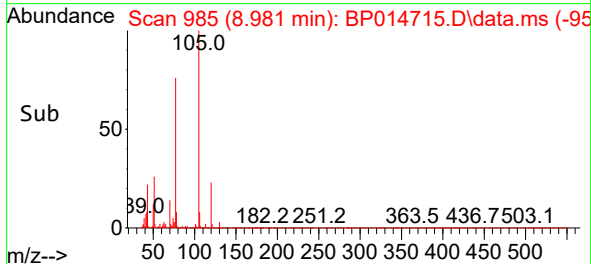
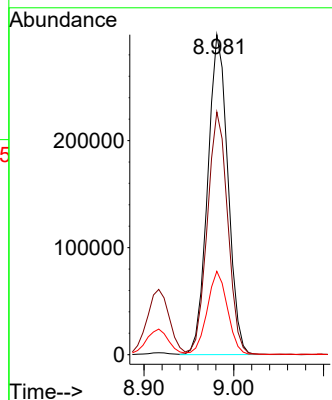
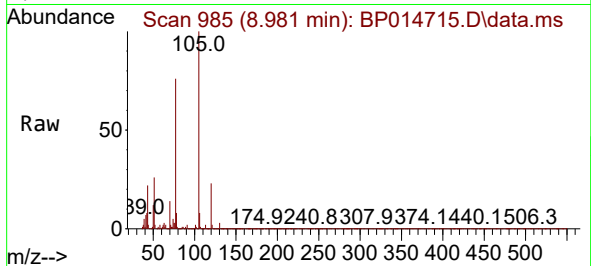




#16
Acetophenone
Concen: 20.094 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

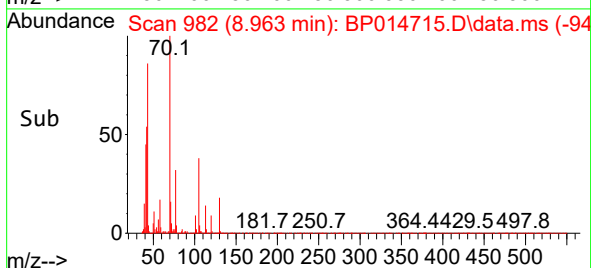
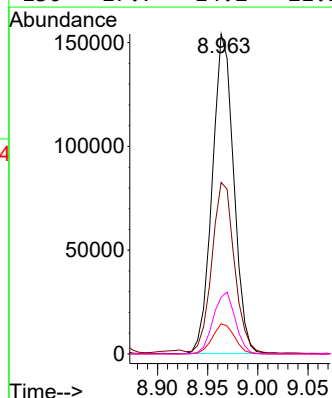
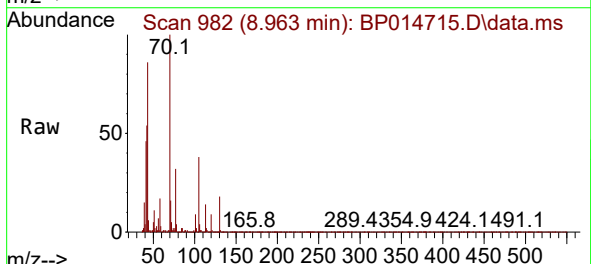
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SSTD020634

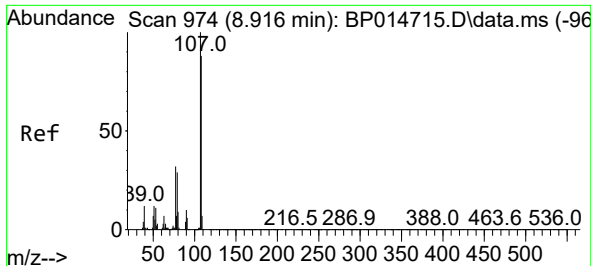
Tgt Ion:105 Resp: 467364
Ion Ratio Lower Upper
105 100
77 75.8 60.6 91.0
51 26.0 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 18.255 ng/ul
RT: 8.963 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion: 70 Resp: 229372
Ion Ratio Lower Upper
70 100
42 53.6 42.9 64.3
101 9.5 7.6 11.4
130 17.7 14.2 21.2





#18

4-Methylphenol

Concen: 19.703 ng/ul

RT: 8.916 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

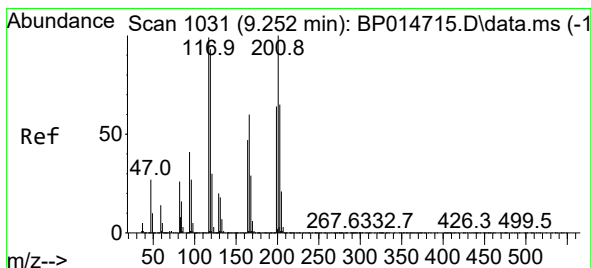
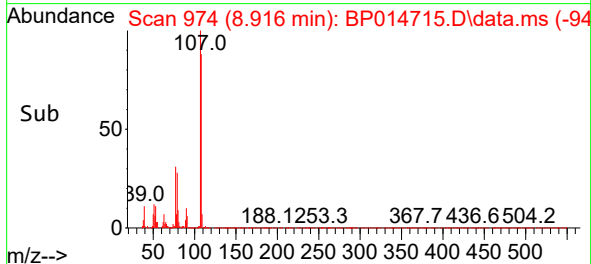
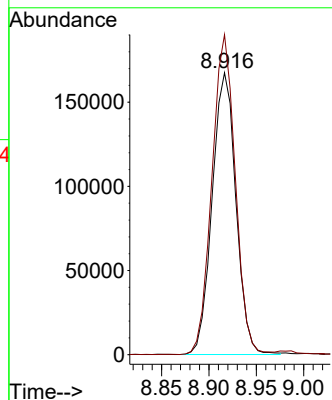
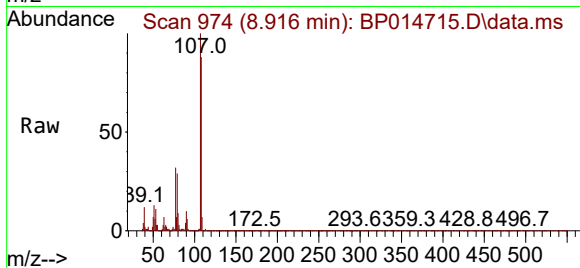
SSTD020634

Tgt Ion:108 Resp: 292311

Ion Ratio Lower Upper

108 100

107 113.5 90.8 136.2



#19

Hexachloroethane

Concen: 19.560 ng/ul

RT: 9.252 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

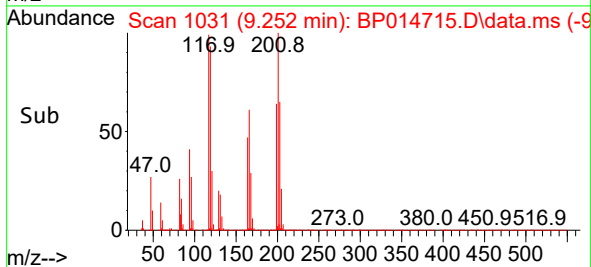
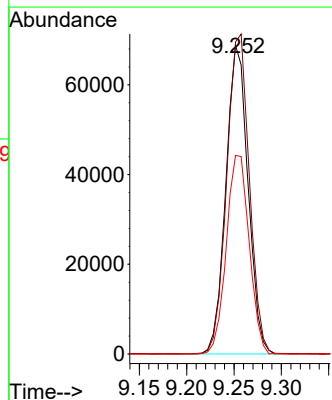
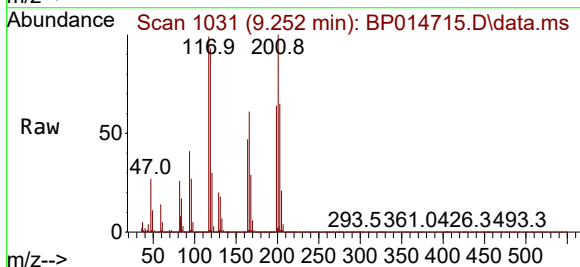
Tgt Ion:117 Resp: 112264

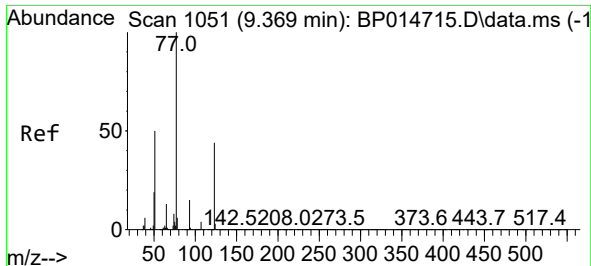
Ion Ratio Lower Upper

117 100

201 101.2 81.0 121.4

199 64.4 51.5 77.3

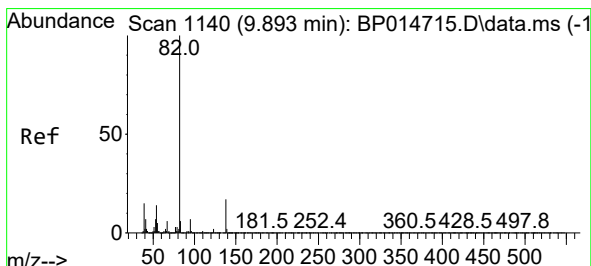
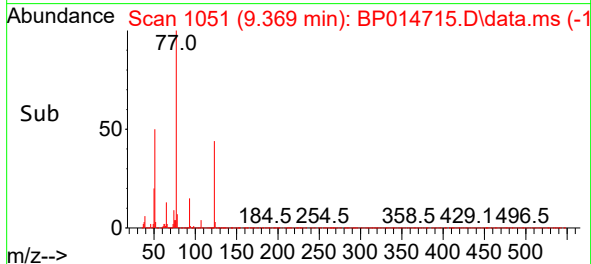
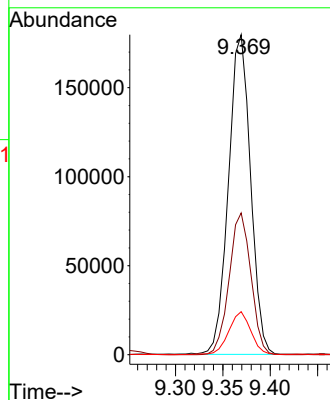
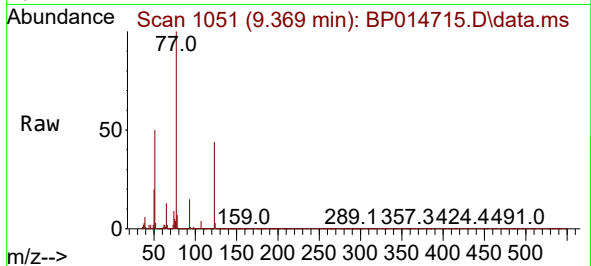




#22
Nitrobenzene
Concen: 15.593 ng/ul
RT: 9.369 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

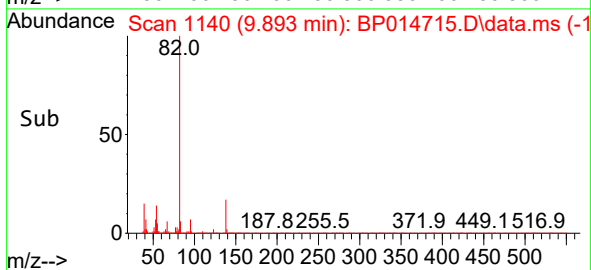
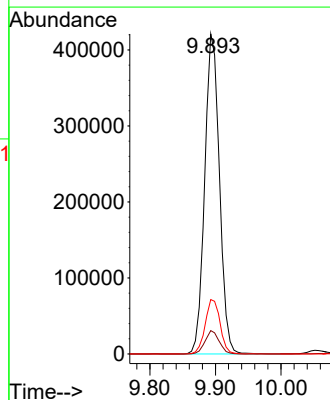
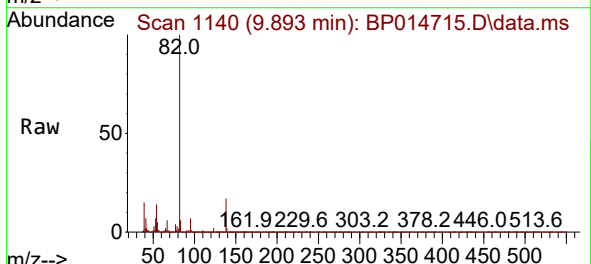
Instrument :
BNA_P
ClientSampleId :
SSTD020634

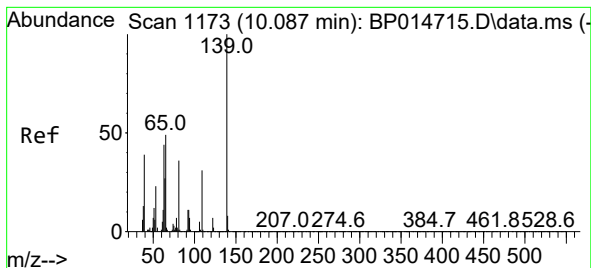
Tgt Ion: 77 Resp: 291502
Ion Ratio Lower Upper
77 100
123 44.3 35.4 53.2
65 13.5 10.8 16.2



#23
Isophorone
Concen: 19.152 ng/ul
RT: 9.893 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion: 82 Resp: 659982
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.0 13.6 20.4

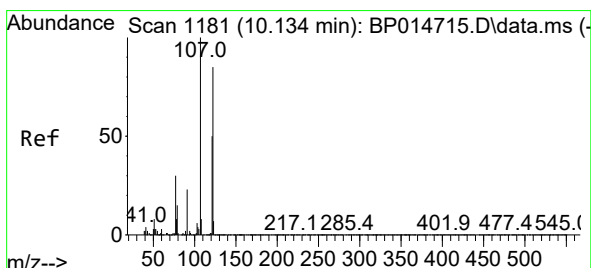
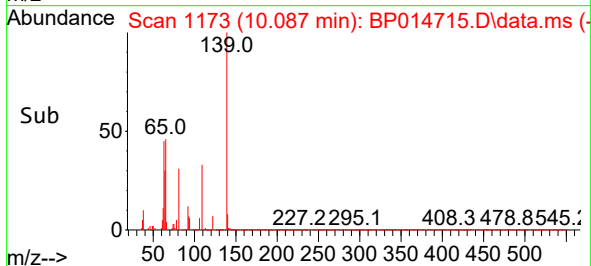
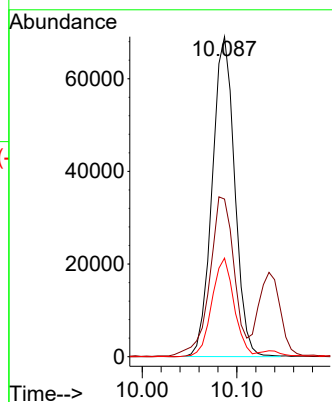
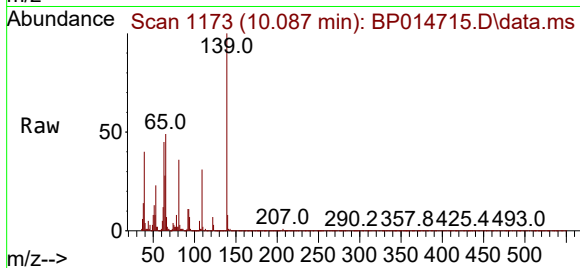




#25
2-Nitrophenol
Concen: 14.455 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

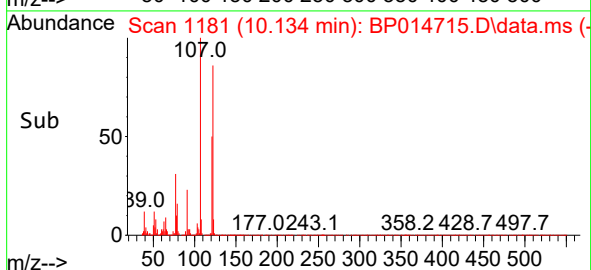
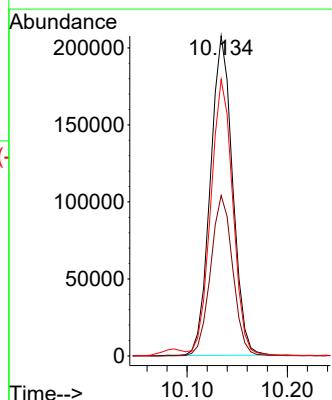
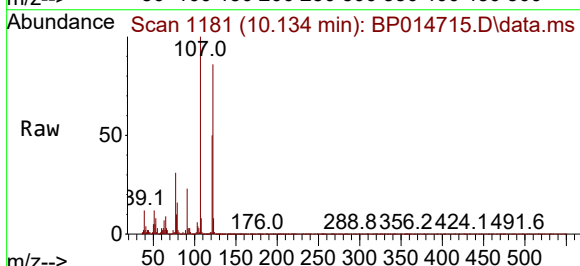
Instrument :
BNA_P
ClientSampleId :
SSTD020634

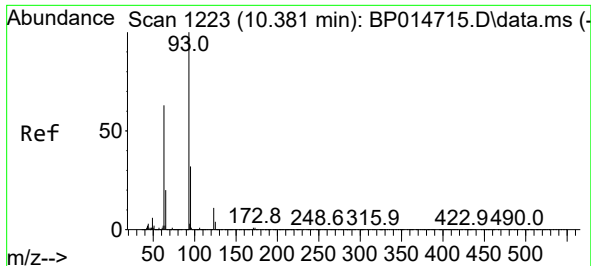
Tgt Ion:139 Resp: 113689
Ion Ratio Lower Upper
139 100
65 49.3 39.4 59.2
109 30.8 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 18.143 ng/ul
RT: 10.134 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:107 Resp: 319381
Ion Ratio Lower Upper
107 100
121 50.2 40.2 60.2
122 86.5 69.2 103.8

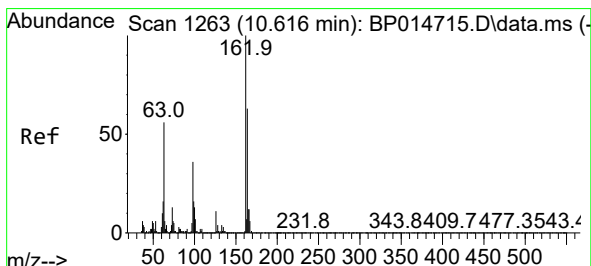
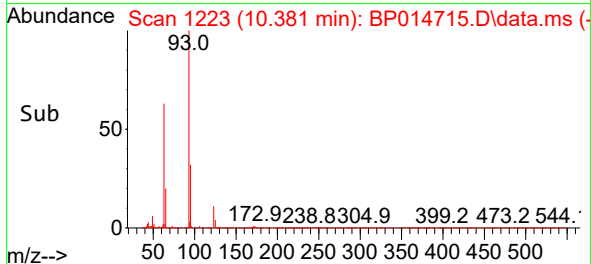
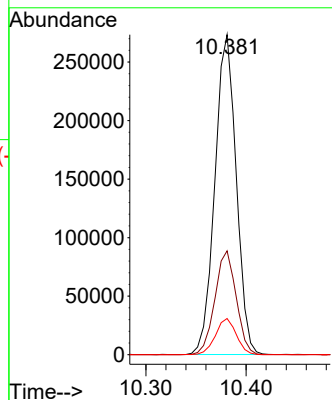
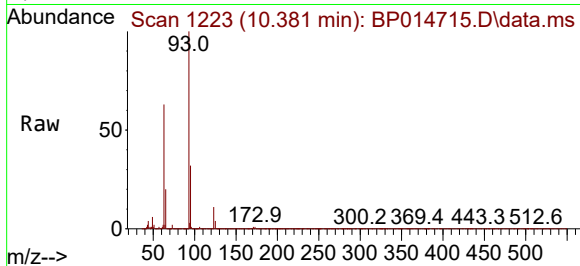




#27
Bis(2-Chloroethoxy)methane
Concen: 19.555 ng/ul
RT: 10.381 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

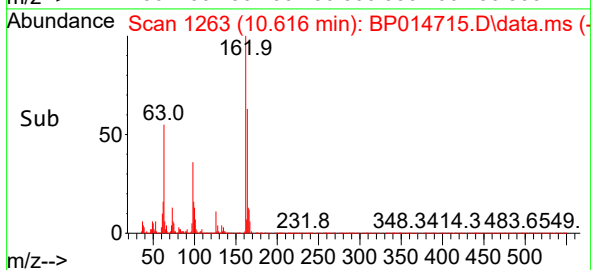
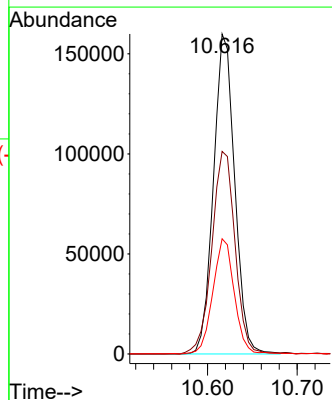
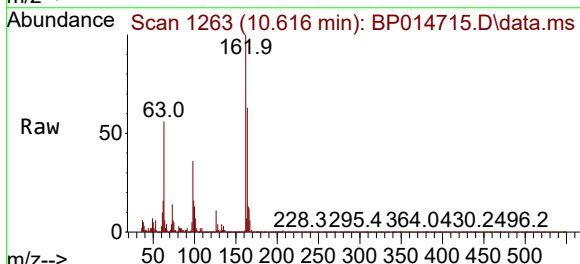
Instrument :
BNA_P
ClientSampleId :
SSTD020634

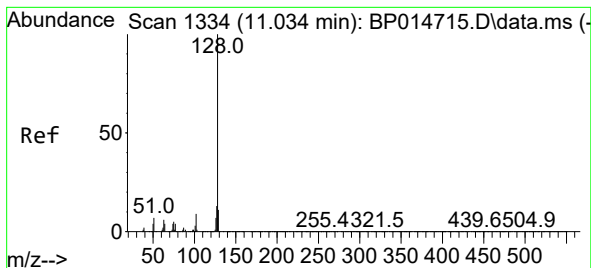
Tgt Ion: 93 Resp: 404010
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.3 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 19.695 ng/ul
RT: 10.616 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion: 162 Resp: 263033
Ion Ratio Lower Upper
162 100
164 63.3 50.6 76.0
98 36.0 28.8 43.2

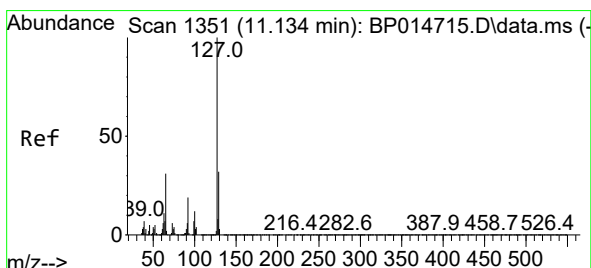
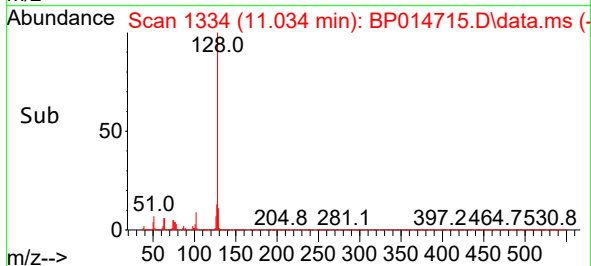
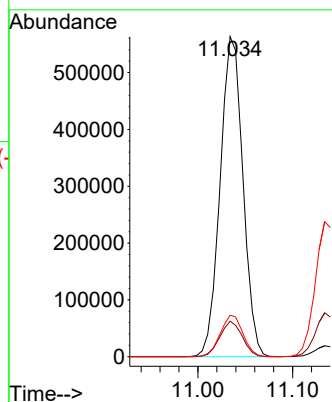
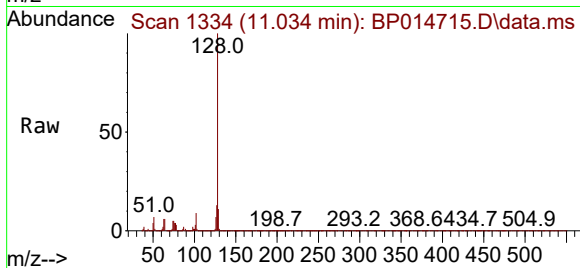




#30
Naphthalene
Concen: 20.976 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

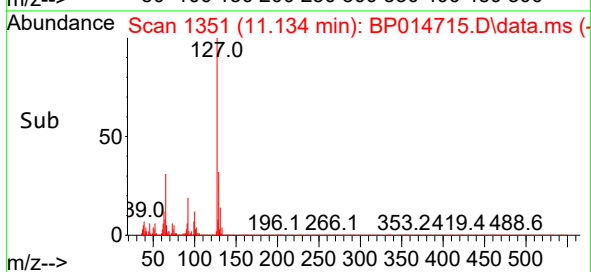
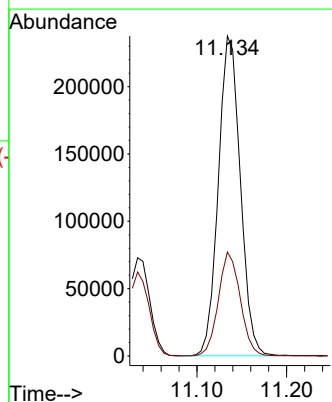
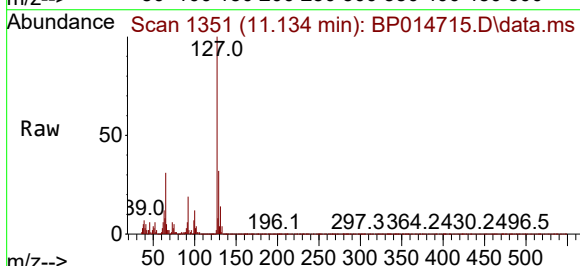
Instrument :
BNA_P
ClientSampleId :
SSTD020634

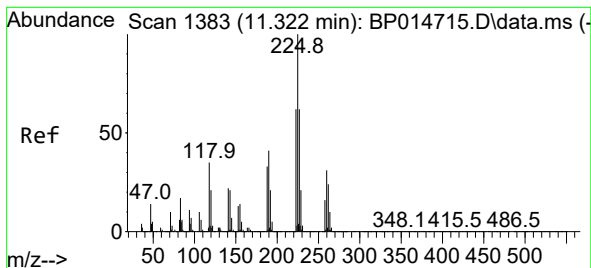
Tgt Ion:128 Resp: 941838
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 22.310 ng/ul
RT: 11.134 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:127 Resp: 403915
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0





#33

Hexachlorobutadiene

Concen: 17.407 ng/ul

RT: 11.322 min Scan# 1383

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

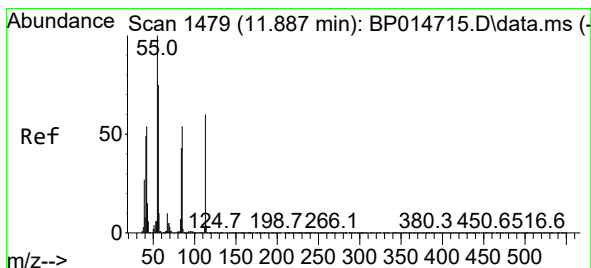
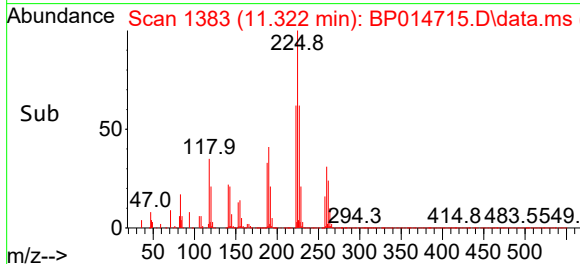
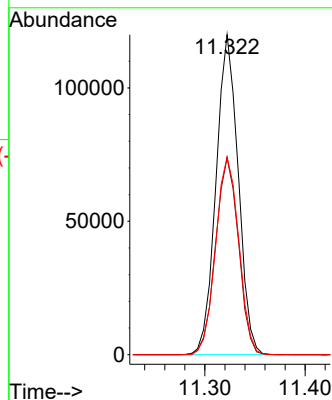
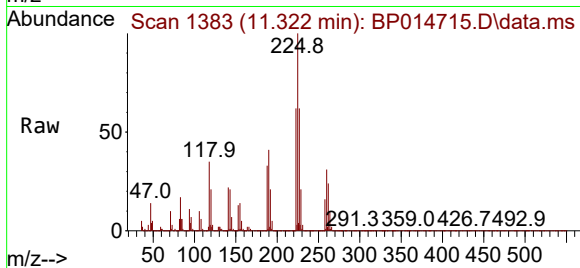
Tgt Ion:225 Resp: 184177

Ion Ratio Lower Upper

225 100

223 61.5 49.2 73.8

227 61.8 49.4 74.2



#34

Caprolactam

Concen: 19.780 ng/ul

RT: 11.887 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

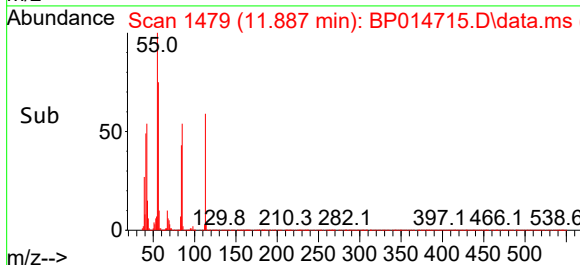
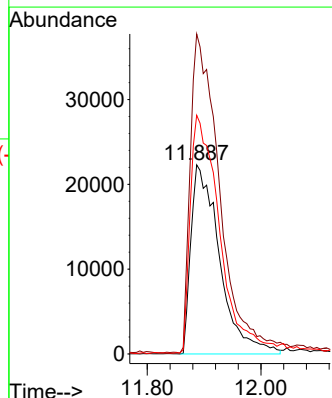
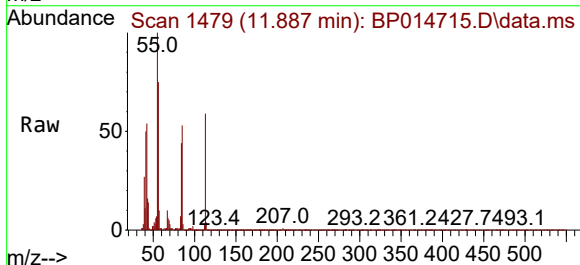
Tgt Ion:113 Resp: 78041

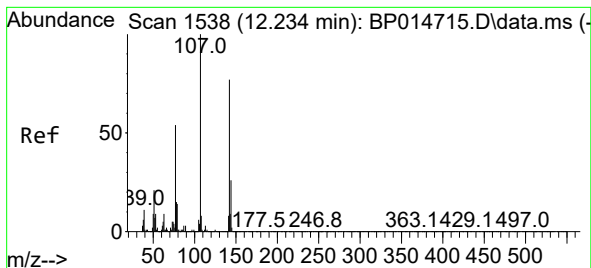
Ion Ratio Lower Upper

113 100

55 169.2 135.4 203.0

56 126.2 101.0 151.4

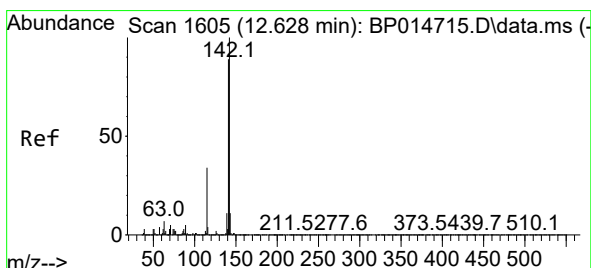
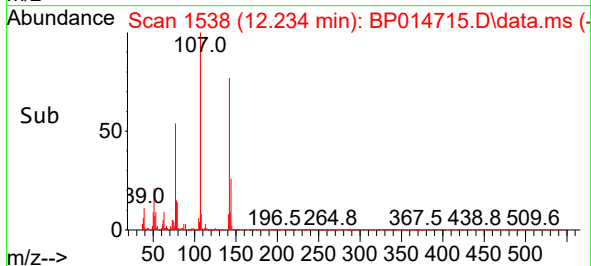
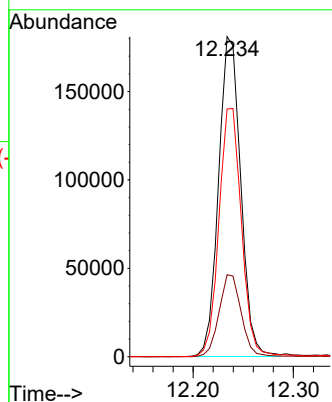
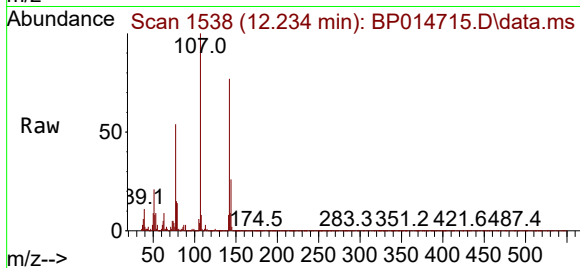




#35
4-Chloro-3-methylphenol
Concen: 16.928 ng/ul
RT: 12.234 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

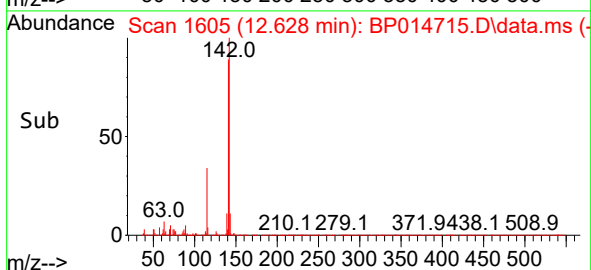
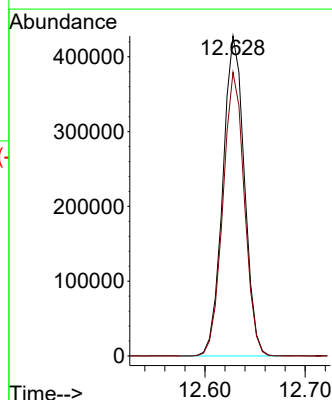
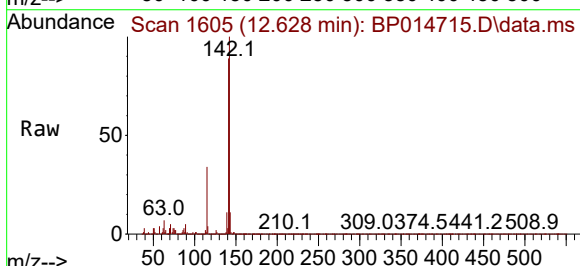
Instrument :
BNA_P
ClientSampleId :
SSTD020634

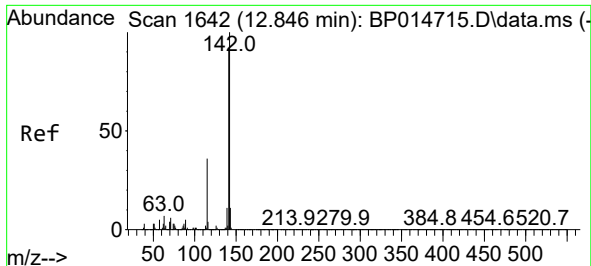
Tgt Ion:107 Resp: 278065
Ion Ratio Lower Upper
107 100
144 25.6 20.5 30.7
142 77.4 61.9 92.9



#36
2-Methylnaphthalene
Concen: 20.953 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:142 Resp: 637589
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3

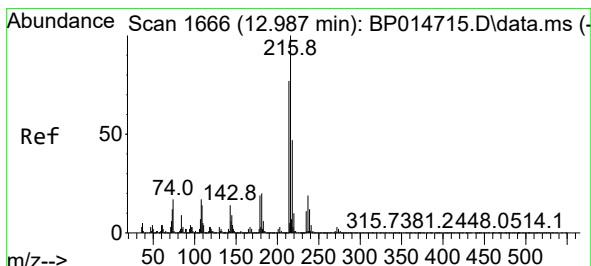
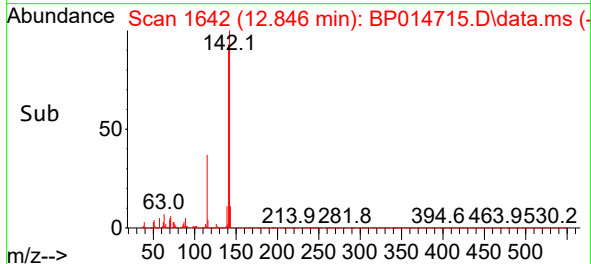
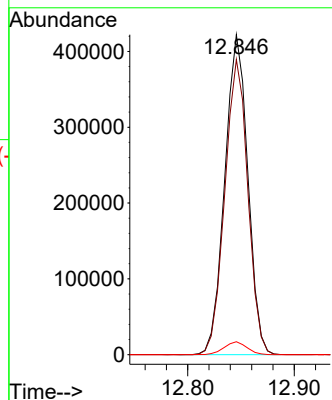
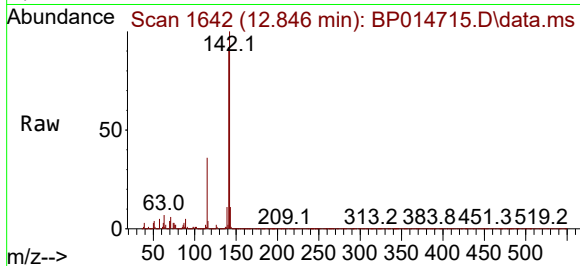




#37
1-Methylnaphthalene
Concen: 20.992 ng/ul
RT: 12.846 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

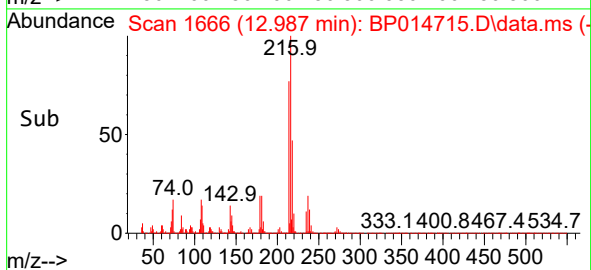
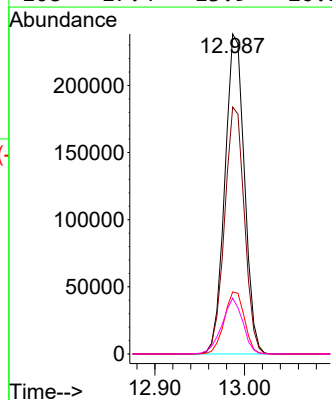
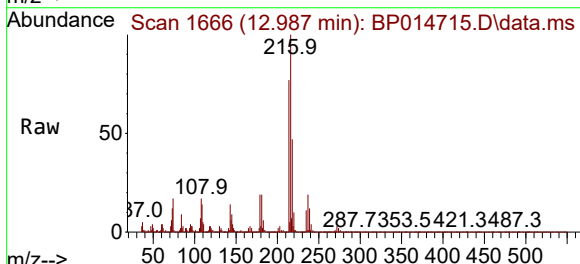
Instrument :
BNA_P
ClientSampleId :
SSTD020634

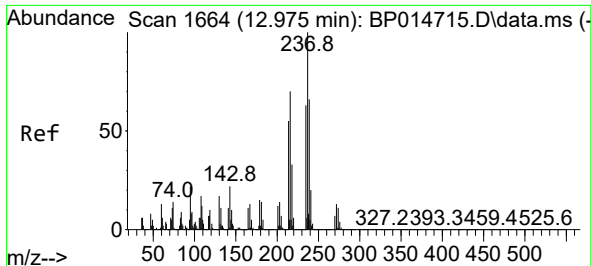
Tgt Ion:142 Resp: 633500
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 4.1 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.635 ng/ul
RT: 12.987 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:216 Resp: 361028
Ion Ratio Lower Upper
216 100
214 77.1 61.7 92.5
179 19.4 15.5 23.3
108 17.4 13.9 20.9

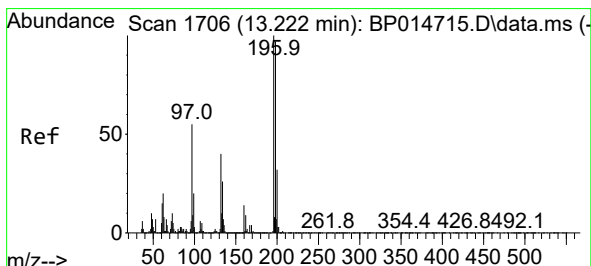
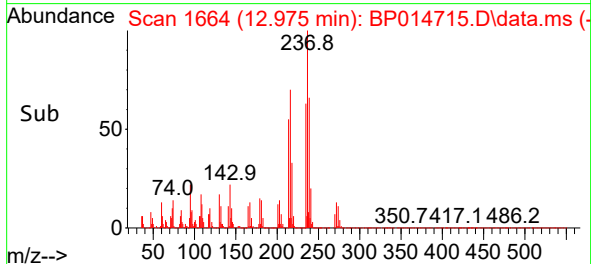
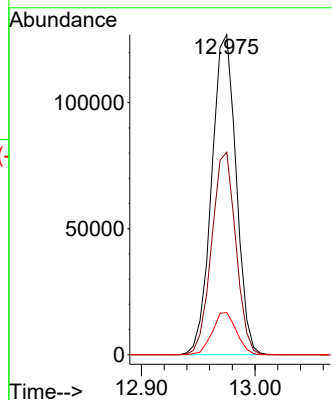
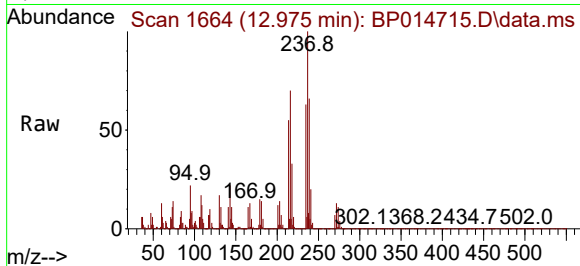




#40
Hexachlorocyclopentadiene
Concen: 15.986 ng/ul
RT: 12.975 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

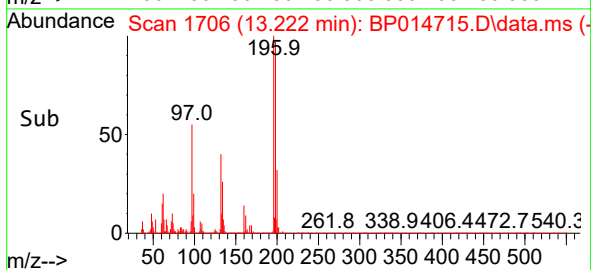
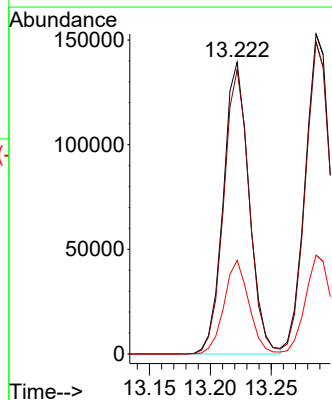
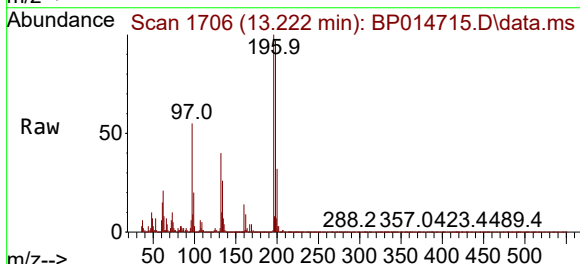
Instrument :
BNA_P
ClientSampleId :
SSTD020634

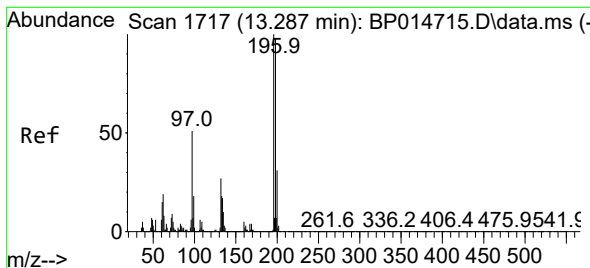
Tgt Ion:237 Resp: 190351
Ion Ratio Lower Upper
237 100
235 63.3 50.6 76.0
272 13.2 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 18.063 ng/ul
RT: 13.222 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:196 Resp: 205515
Ion Ratio Lower Upper
196 100
198 97.3 77.8 116.8
200 32.1 25.7 38.5





#42

2,4,5-Trichlorophenol

Concen: 18.616 ng/ul

RT: 13.287 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

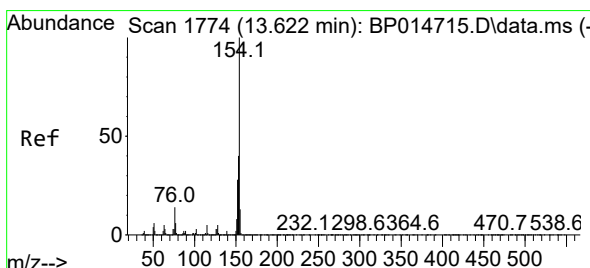
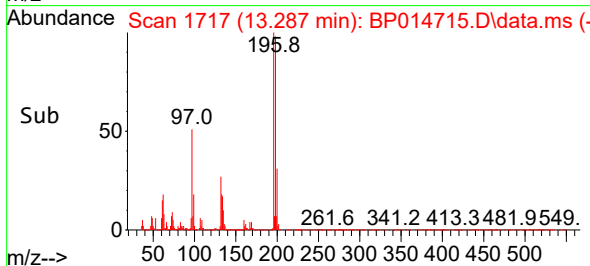
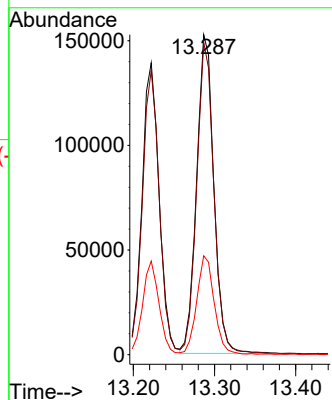
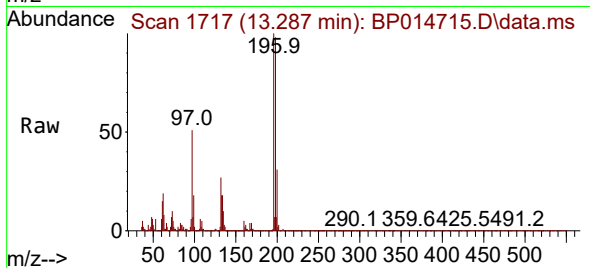
Tgt Ion:196 Resp: 225492

Ion Ratio Lower Upper

196 100

198 97.5 78.0 117.0

200 30.9 24.7 37.1



#43

1,1'-Biphenyl

Concen: 20.845 ng/ul

RT: 13.622 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

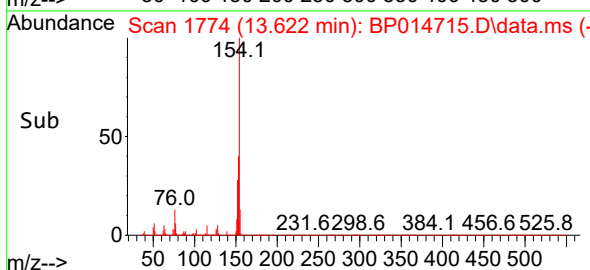
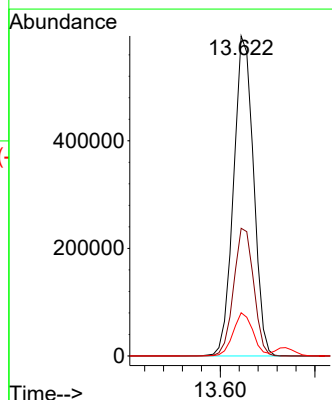
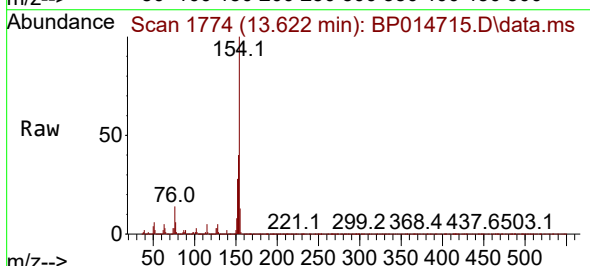
Tgt Ion:154 Resp: 868501

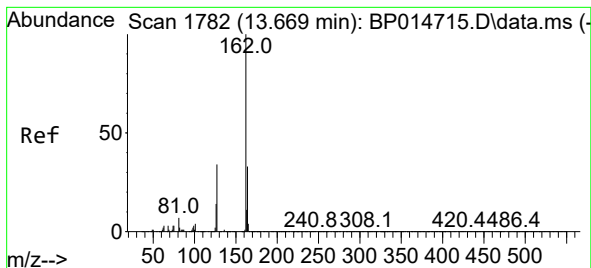
Ion Ratio Lower Upper

154 100

153 39.9 31.9 47.9

76 13.5 10.8 16.2

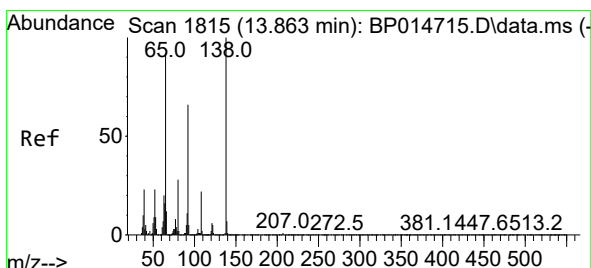
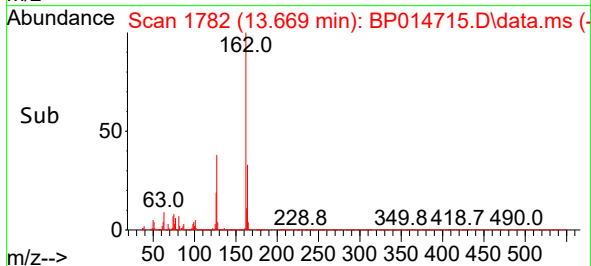
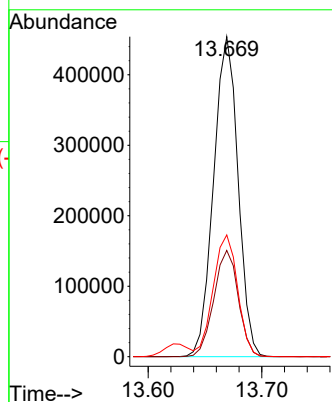
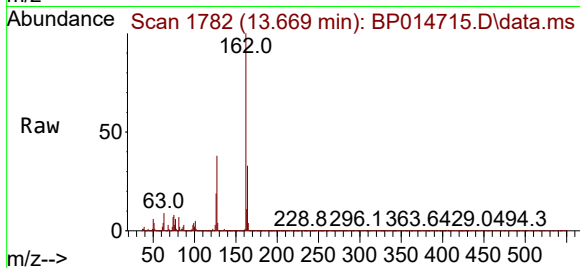




#44
2-Chloronaphthalene
Concen: 20.595 ng/ul
RT: 13.669 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

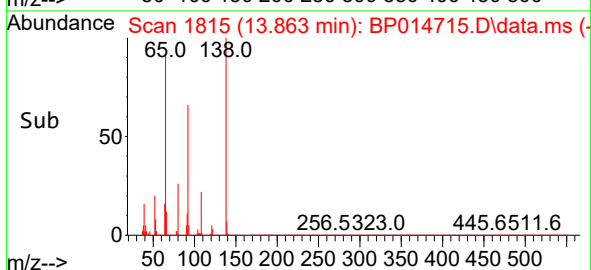
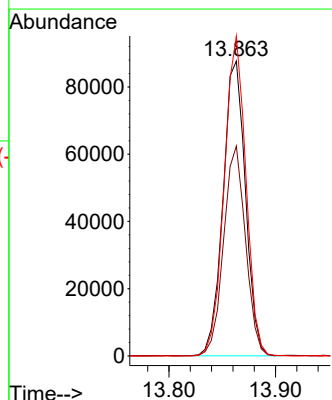
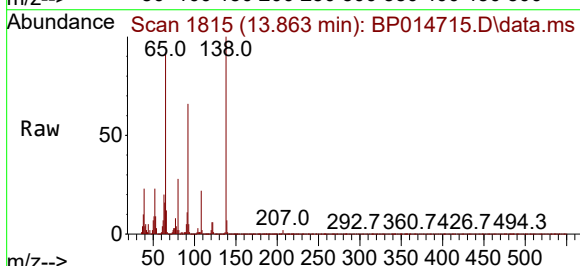
Instrument :
BNA_P
ClientSampleId :
SSTD020634

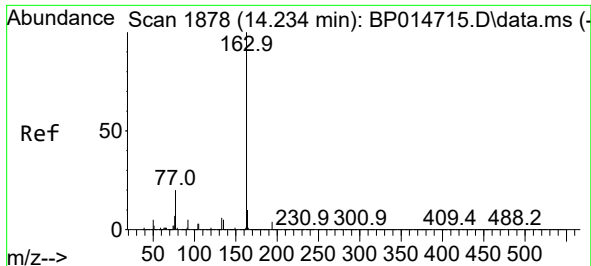
Tgt Ion:162 Resp: 678456
Ion Ratio Lower Upper
162 100
164 33.2 26.6 39.8
127 38.1 30.5 45.7



#45
2-Nitroaniline
Concen: 12.589 ng/ul
RT: 13.863 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion: 65 Resp: 128438
Ion Ratio Lower Upper
65 100
92 71.2 57.0 85.4
138 108.5 86.8 130.2

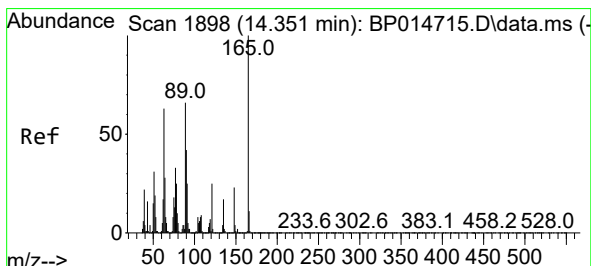
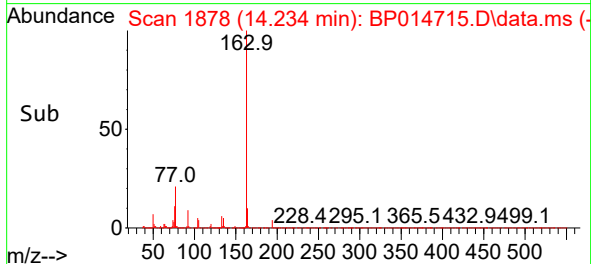
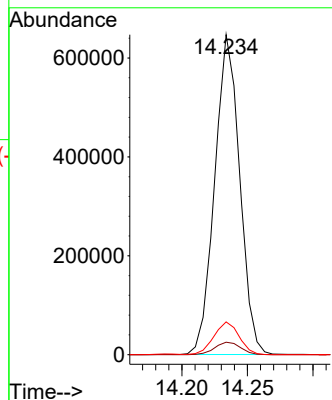
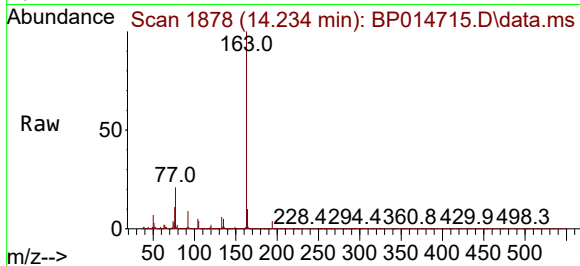




#47
Dimethylphthalate
Concen: 20.495 ng/ul
RT: 14.234 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

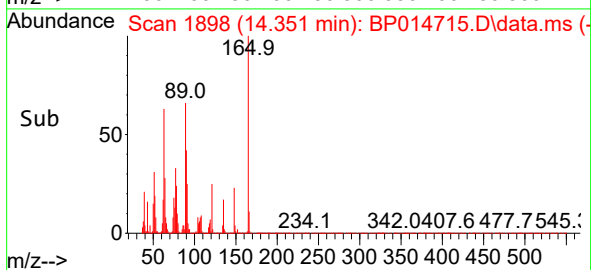
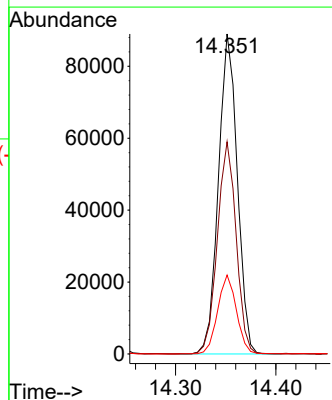
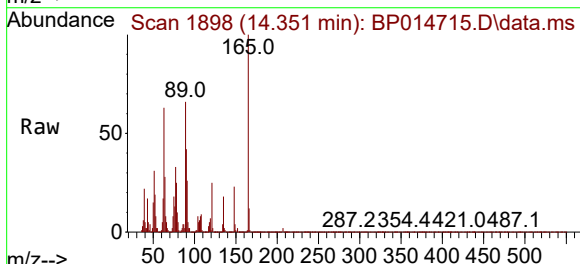
Instrument :
BNA_P
ClientSampleId :
SSTD020634

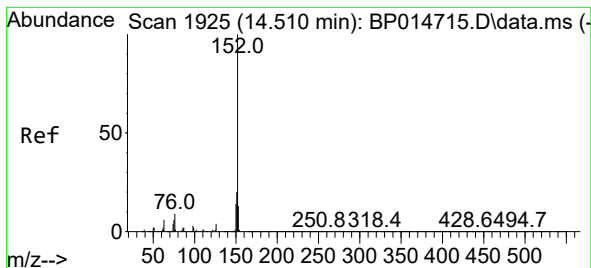
Tgt Ion:163 Resp: 856849
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 14.240 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:165 Resp: 116317
Ion Ratio Lower Upper
165 100
89 66.3 53.0 79.6
121 24.7 19.8 29.6





#50

Acenaphthylene

Concen: 21.819 ng/ul

RT: 14.510 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

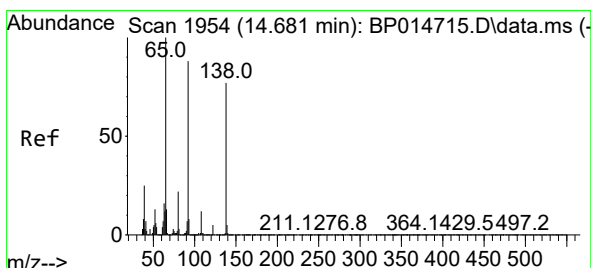
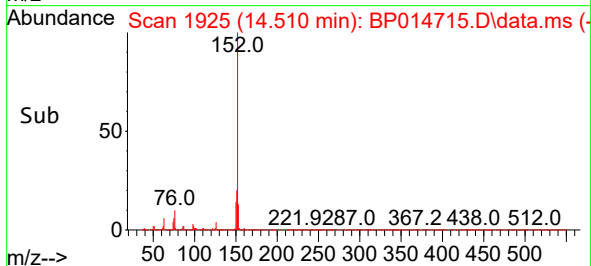
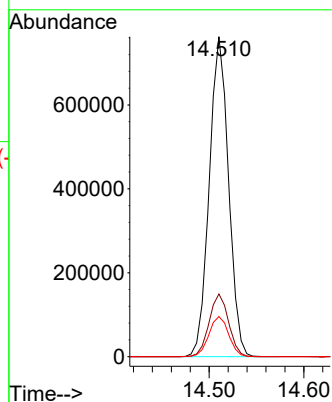
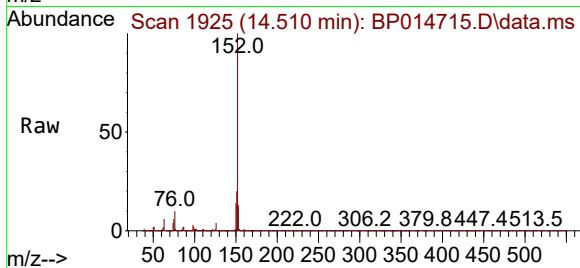
Tgt Ion:152 Resp: 1078141

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 12.5 10.0 15.0



#51

3-Nitroaniline

Concen: 17.483 ng/ul

RT: 14.681 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

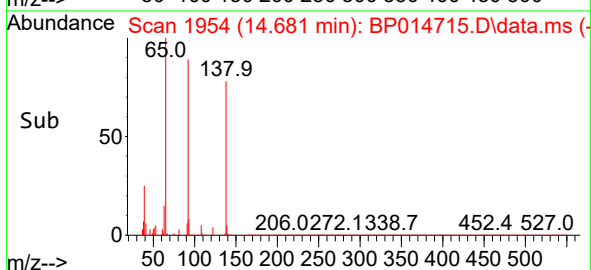
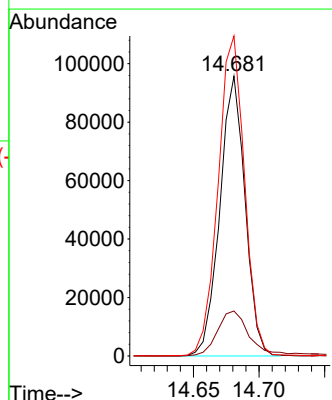
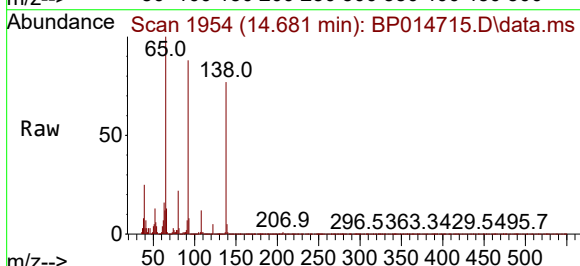
Tgt Ion:138 Resp: 127932

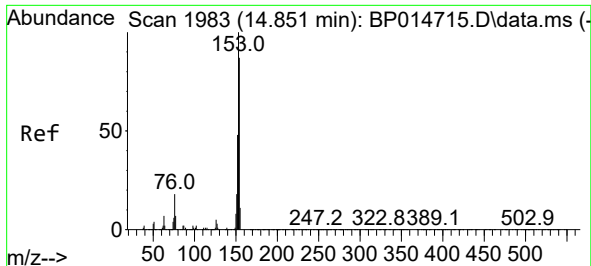
Ion Ratio Lower Upper

138 100

108 16.1 12.9 19.3

92 114.4 91.5 137.3

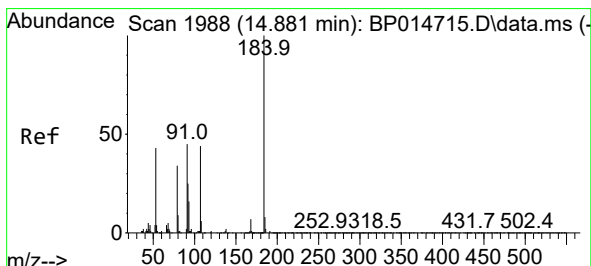
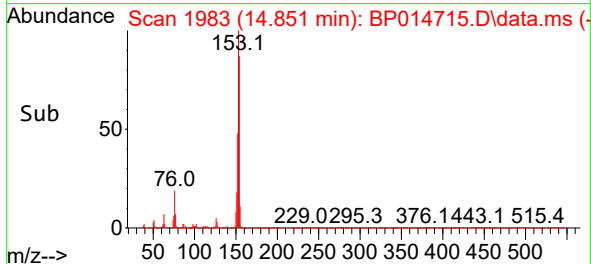
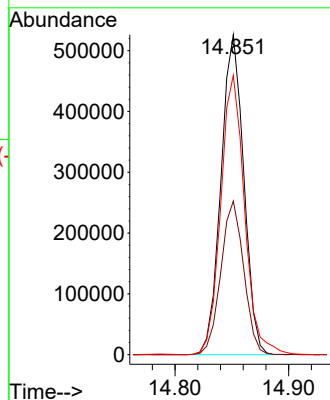
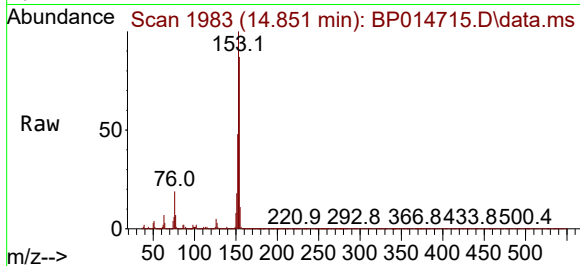




#52
Acenaphthene
Concen: 20.998 ng/ul
RT: 14.851 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

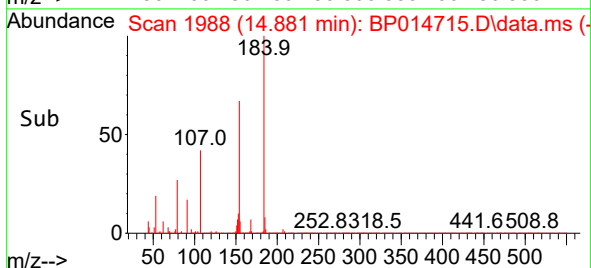
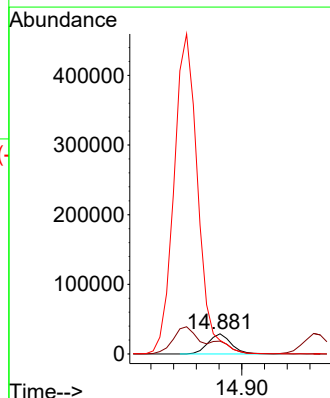
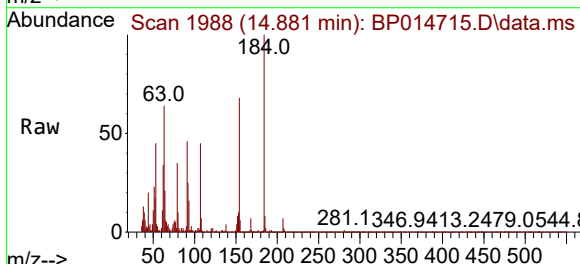
Instrument :
BNA_P
ClientSampleId :
SSTD020634

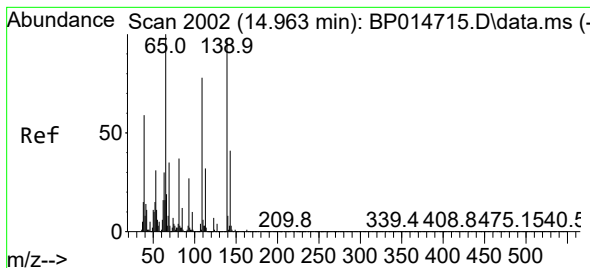
Tgt Ion:153 Resp: 733187
Ion Ratio Lower Upper
153 100
152 48.0 38.4 57.6
154 87.3 69.8 104.8



#53
2,4-Dinitrophenol
Concen: 7.676 ng/ul
RT: 14.881 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:184 Resp: 40601
Ion Ratio Lower Upper
184 100
63 63.9 51.1 76.7
154 67.5 54.0 81.0

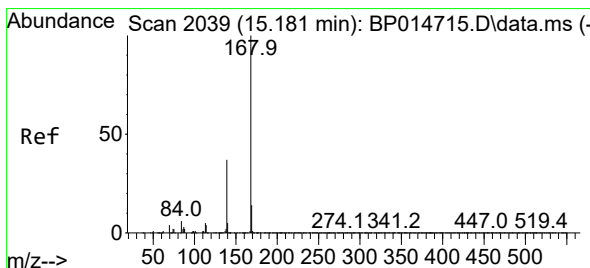
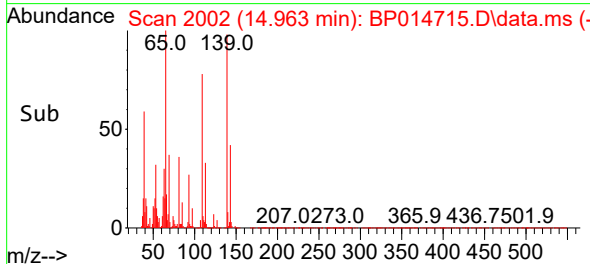
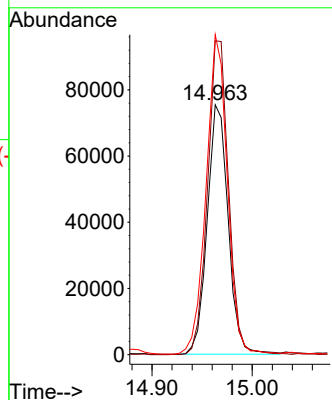
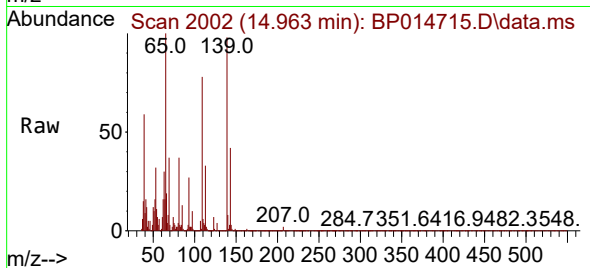




#55
4-Nitrophenol
Concen: 17.562 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

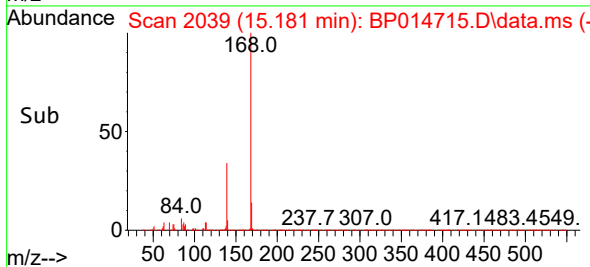
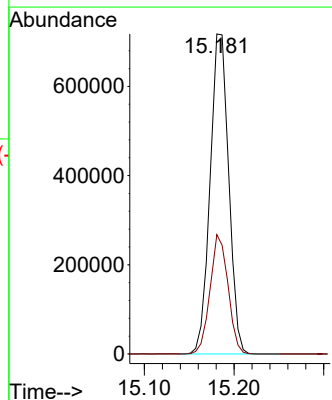
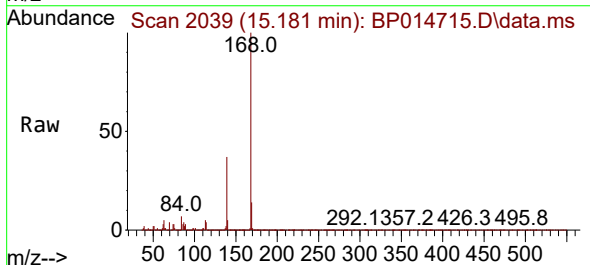
Instrument :
BNA_P
ClientSampleId :
SSTD020634

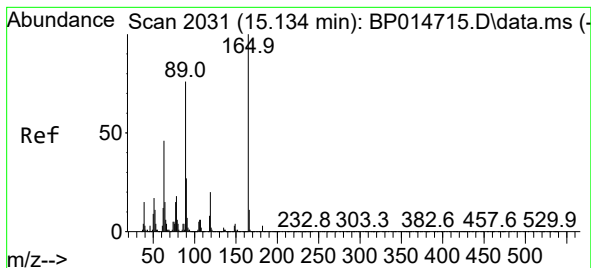
Tgt Ion:109 Resp: 109486
Ion Ratio Lower Upper
109 100
139 125.6 100.5 150.7
65 128.0 102.4 153.6



#56
Dibenzofuran
Concen: 21.063 ng/ul
RT: 15.181 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:168 Resp: 1033887
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.8

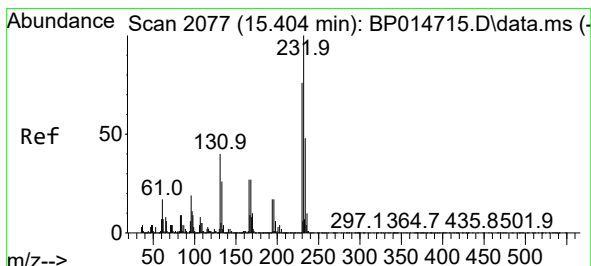
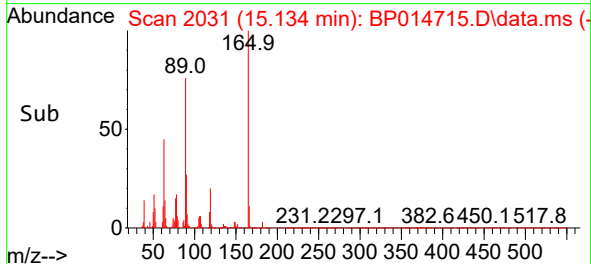
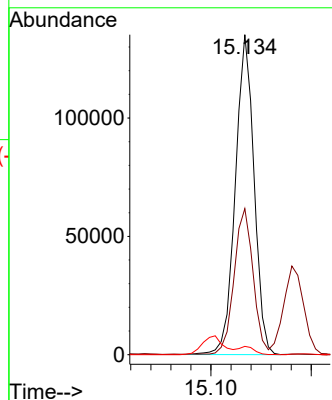
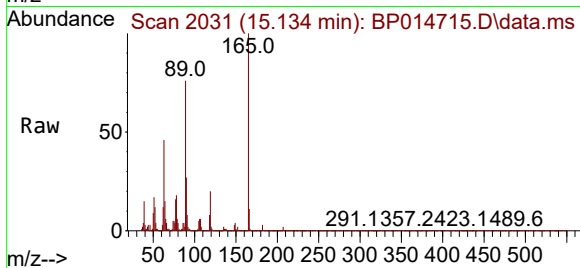




#57
2,4-Dinitrotoluene
Concen: 15.160 ng/ul
RT: 15.134 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

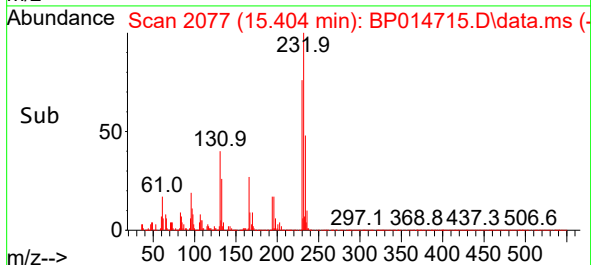
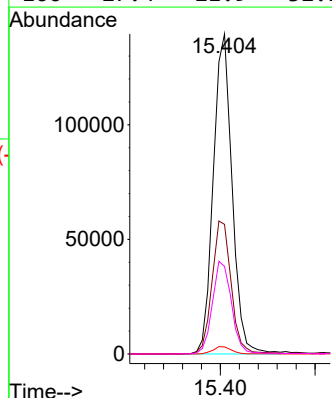
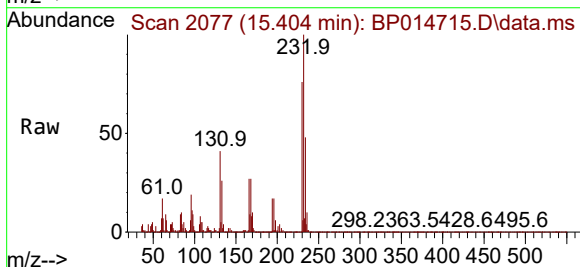
Instrument :
BNA_P
ClientSampleId :
SSTD020634

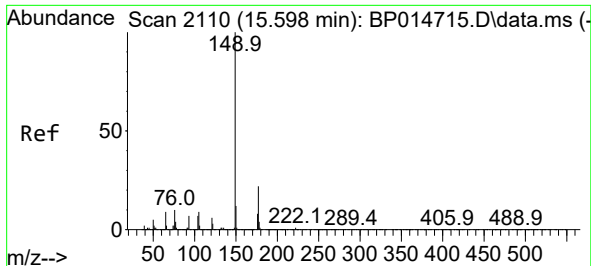
Tgt Ion:165 Resp: 175648
Ion Ratio Lower Upper
165 100
63 45.7 36.6 54.8
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.681 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:232 Resp: 192481
Ion Ratio Lower Upper
232 100
131 40.5 32.4 48.6
130 2.2 1.8 2.6
166 27.4 21.9 32.9

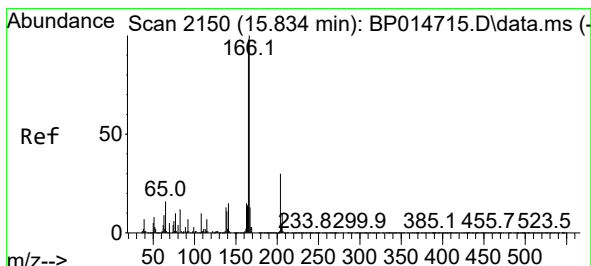
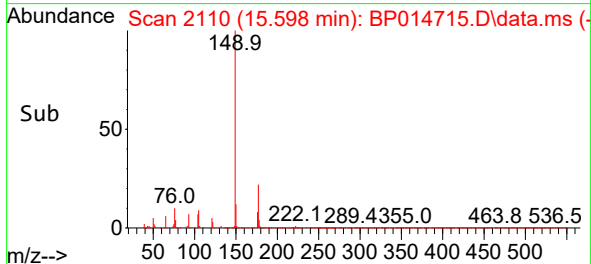
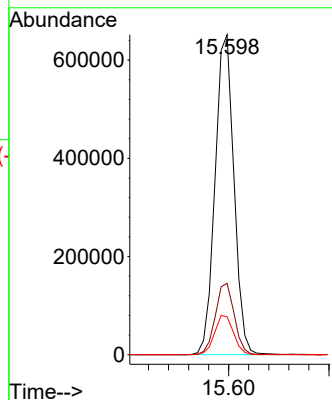
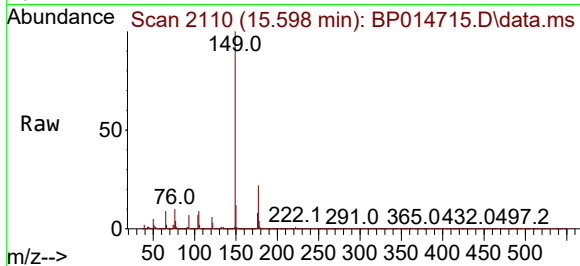




#59
Diethylphthalate
Concen: 20.464 ng/ul
RT: 15.598 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

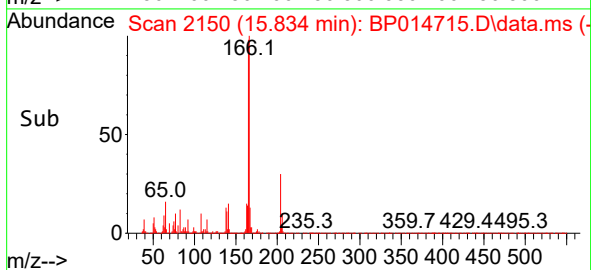
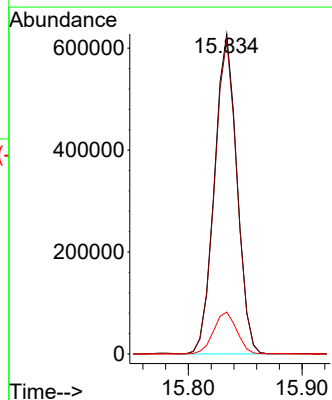
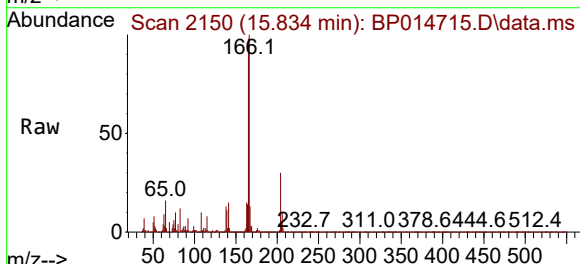
Instrument :
BNA_P
ClientSampleId :
SSTD020634

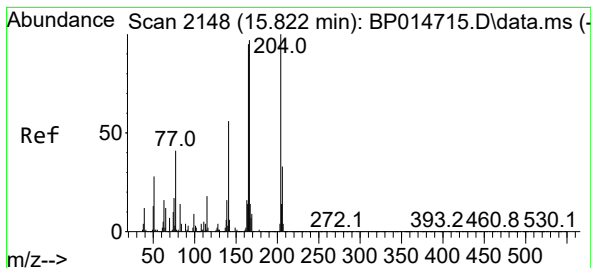
Tgt Ion:149 Resp: 850173
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 11.8 9.4 14.2



#61
Fluorene
Concen: 21.667 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:166 Resp: 862053
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 13.1 10.5 15.7

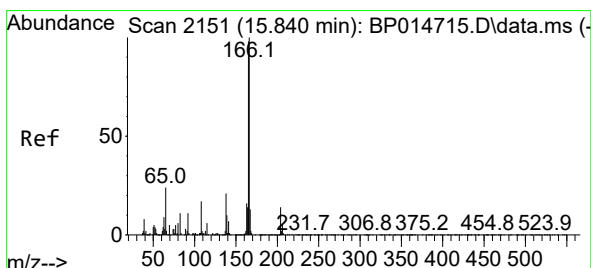
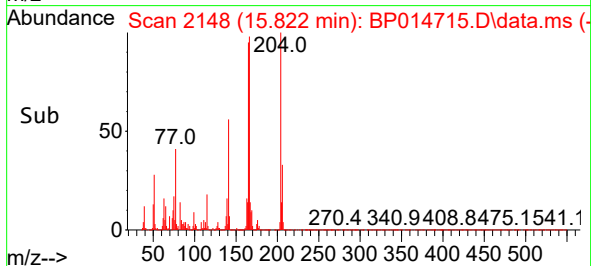
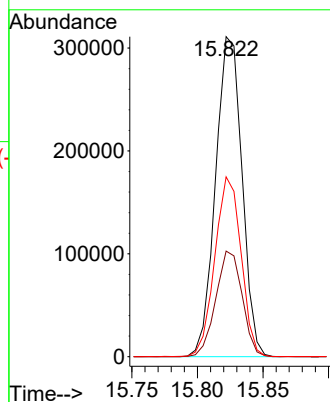
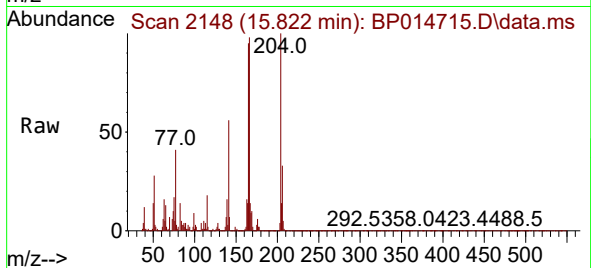




#62
4-Chlorophenyl-phenylether
Concen: 20.410 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

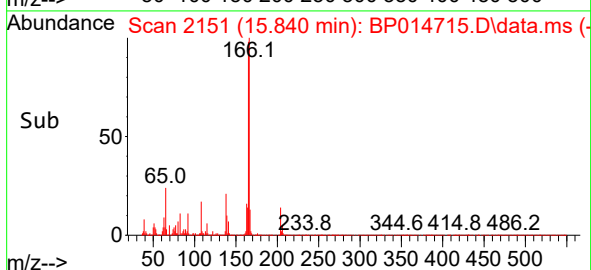
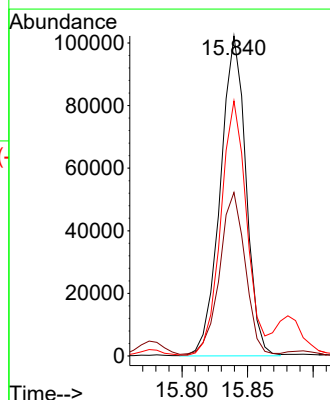
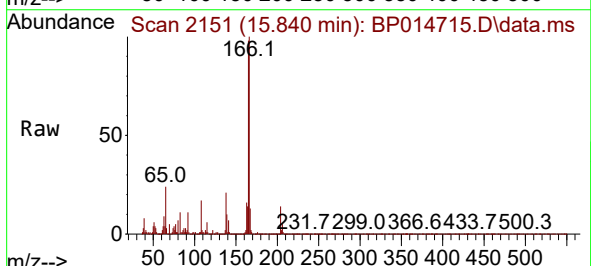
Instrument :
BNA_P
ClientSampleId :
SSTD020634

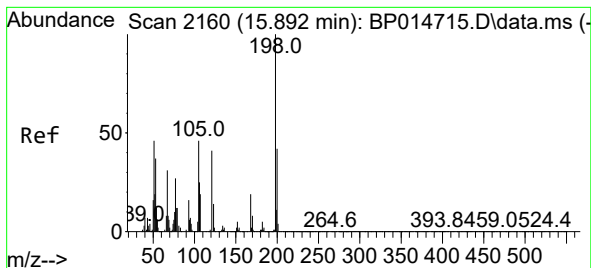
Tgt Ion:204 Resp: 436268
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 56.2 45.0 67.4



#63
4-Nitroaniline
Concen: 23.439 ng/ul
RT: 15.840 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:138 Resp: 139357
Ion Ratio Lower Upper
138 100
92 51.1 40.9 61.3
108 79.7 63.8 95.6

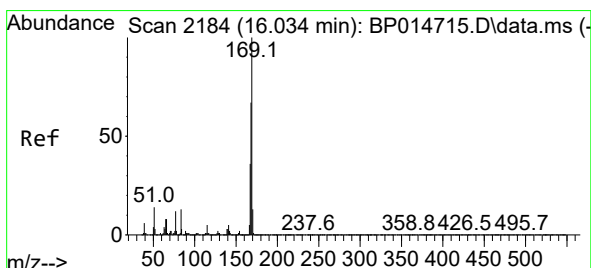
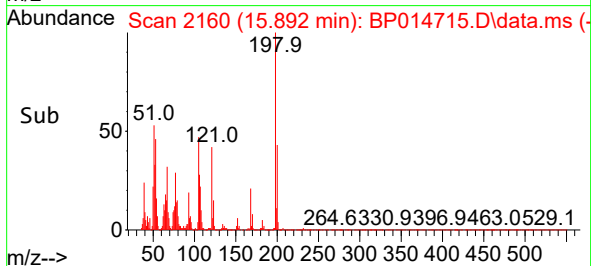
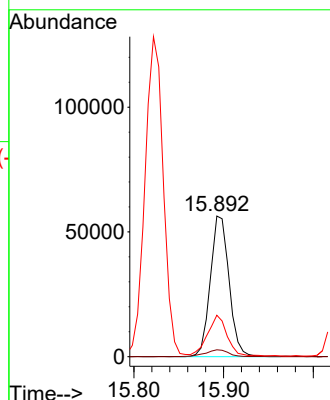
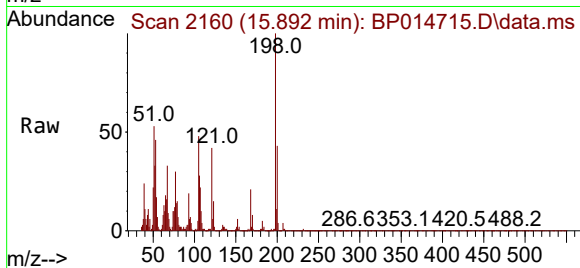




#66
4,6-Dinitro-2-methylphenol
Concen: 10.164 ng/ul
RT: 15.892 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

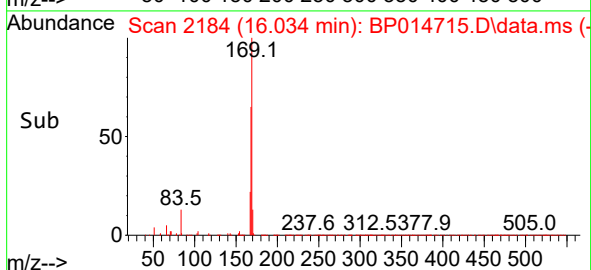
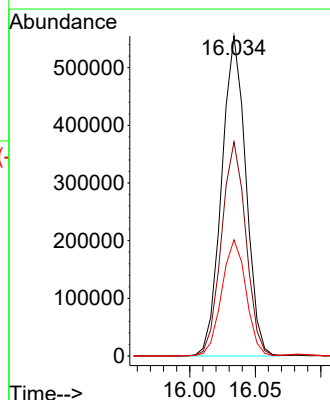
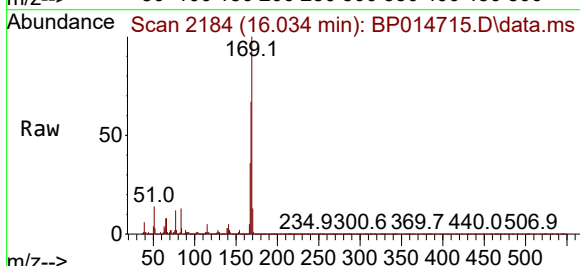
Instrument :
BNA_P
ClientSampleId :
SSTD020634

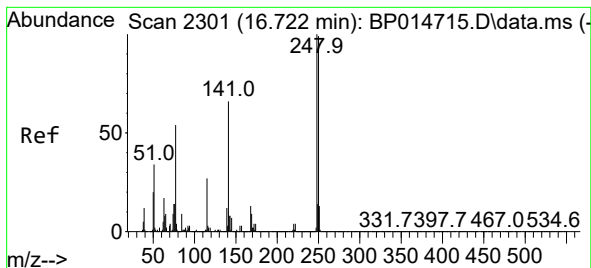
Tgt Ion:198 Resp: 81814
Ion Ratio Lower Upper
198 100
182 4.9 3.9 5.9
77 29.5 23.6 35.4



#67
N-Nitrosodiphenylamine
Concen: 20.276 ng/ul
RT: 16.034 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:169 Resp: 712165
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.3 29.0 43.6

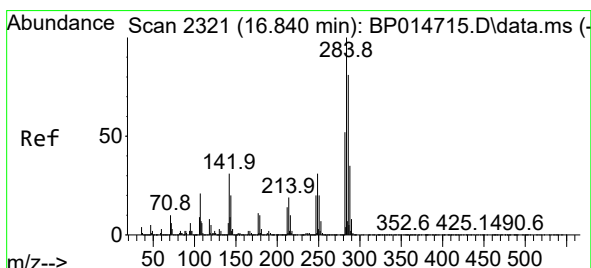
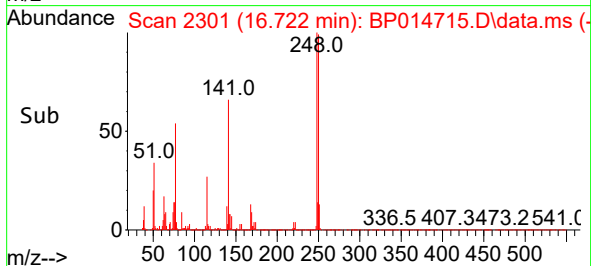
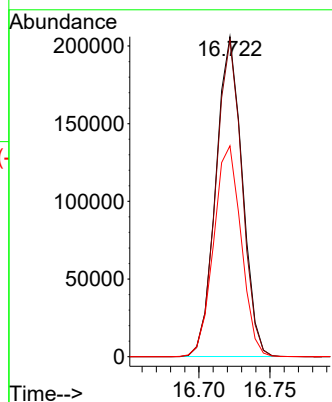
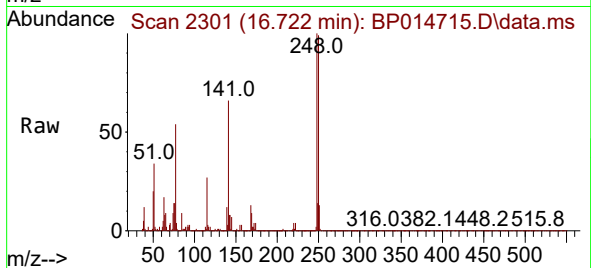




#68
4-Bromophenyl-phenylether
Concen: 18.939 ng/ul
RT: 16.722 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

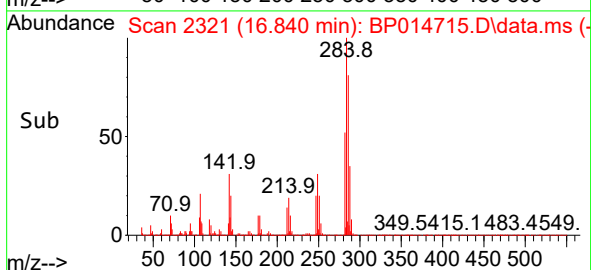
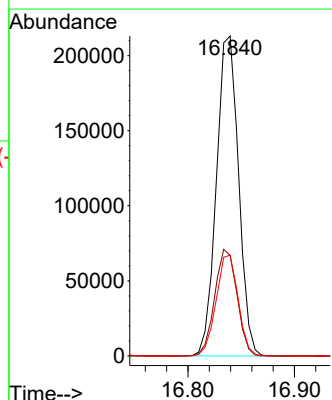
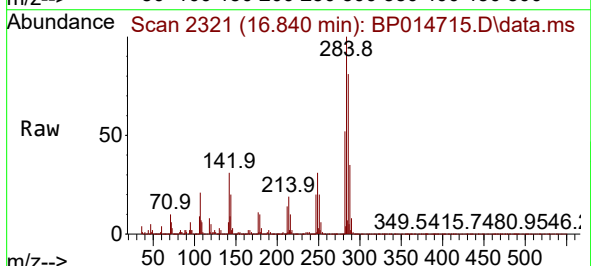
Instrument :
BNA_P
ClientSampleId :
SSTD020634

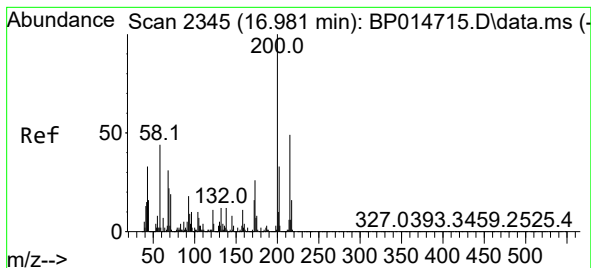
Tgt Ion:248 Resp: 266037
Ion Ratio Lower Upper
248 100
250 99.0 79.2 118.8
141 65.9 52.7 79.1



#69
Hexachlorobenzene
Concen: 19.056 ng/ul
RT: 16.840 min Scan# 2321
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:284 Resp: 307463
Ion Ratio Lower Upper
284 100
142 31.4 25.1 37.7
249 31.5 25.2 37.8





#70

Atrazine

Concen: 19.792 ng/ul

RT: 16.981 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

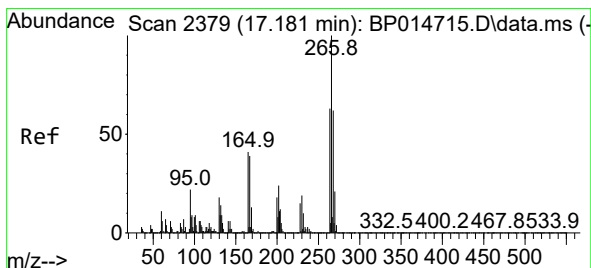
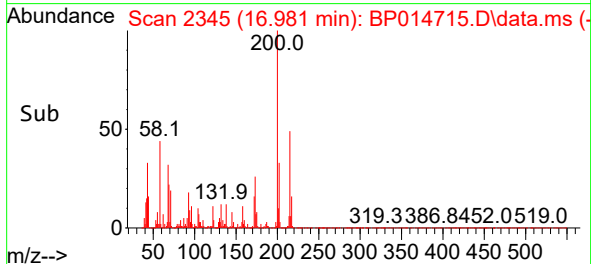
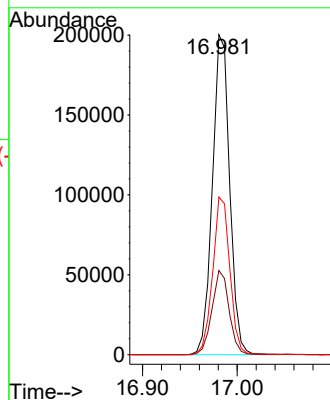
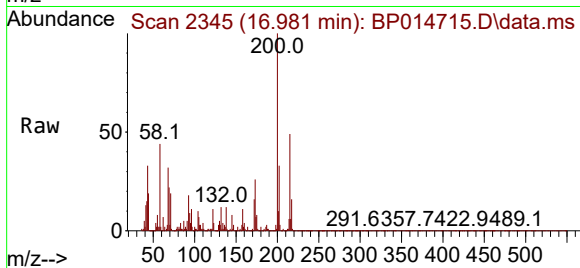
Tgt Ion:200 Resp: 253047

Ion Ratio Lower Upper

200 100

173 26.3 21.0 31.6

215 49.3 39.4 59.2



#71

Pentachlorophenol

Concen: 16.615 ng/ul

RT: 17.181 min Scan# 2379

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

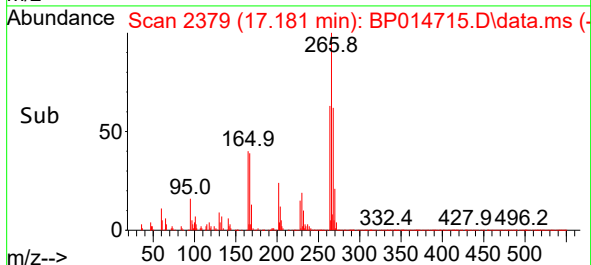
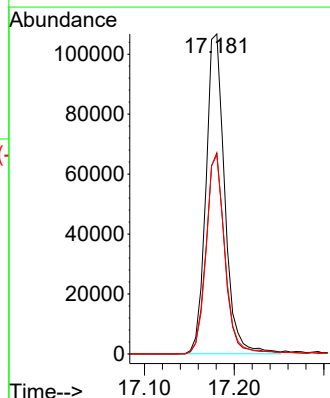
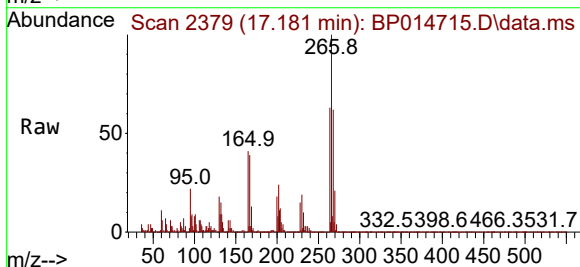
Tgt Ion:266 Resp: 155308

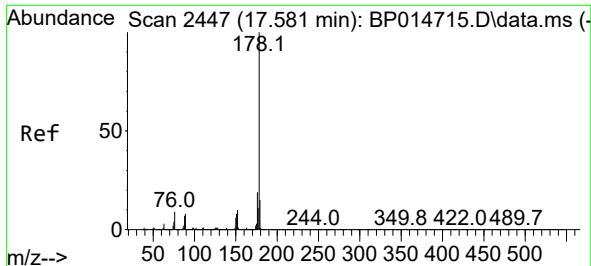
Ion Ratio Lower Upper

266 100

264 62.8 50.2 75.4

268 62.2 49.8 74.6

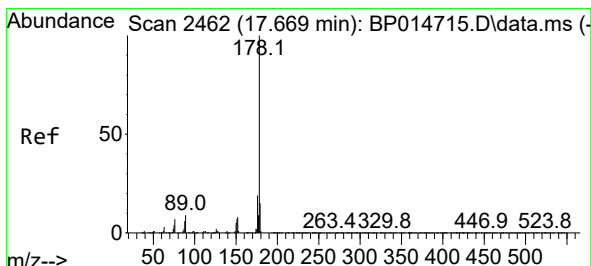
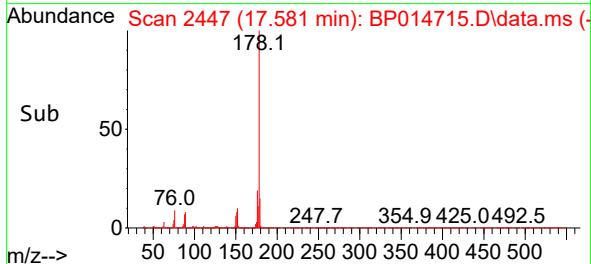
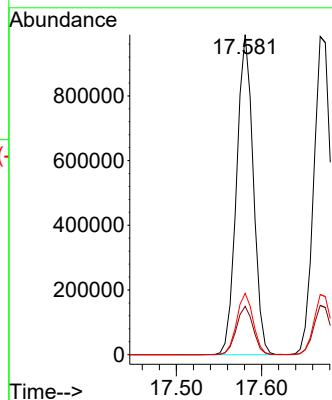
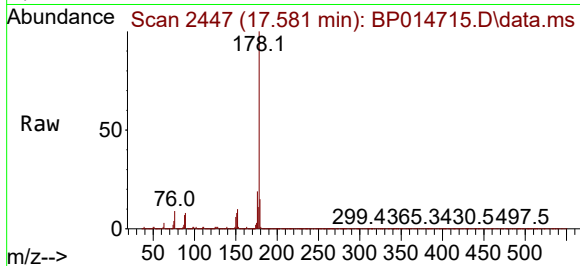




#72
Phenanthrene
Concen: 21.389 ng/ul
RT: 17.581 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

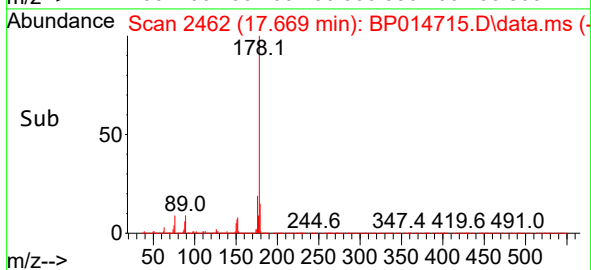
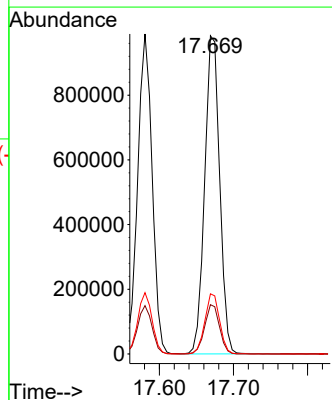
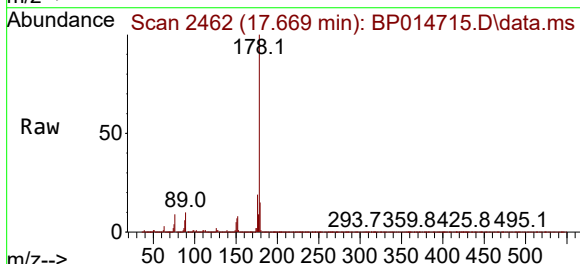
Instrument :
BNA_P
ClientSampleId :
SSTD020634

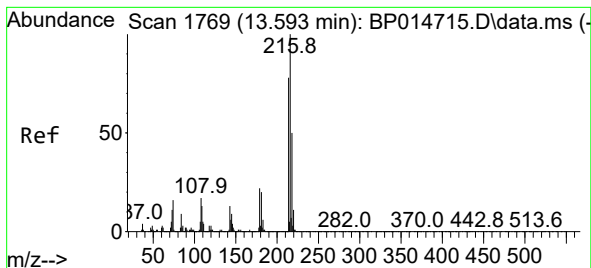
Tgt Ion:178 Resp: 1343278
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 19.1 15.3 22.9



#74
Anthracene
Concen: 21.846 ng/ul
RT: 17.669 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:178 Resp: 1382819
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 18.9 15.1 22.7

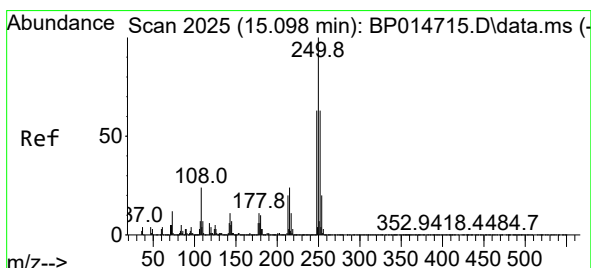
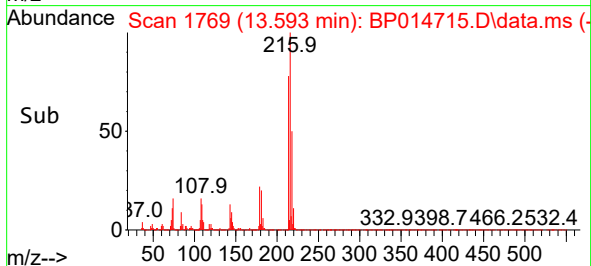
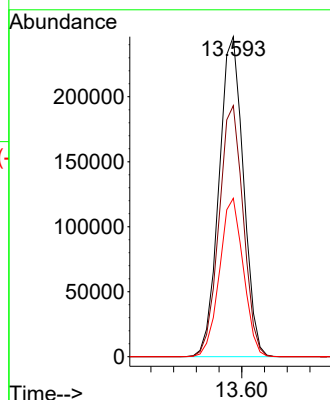
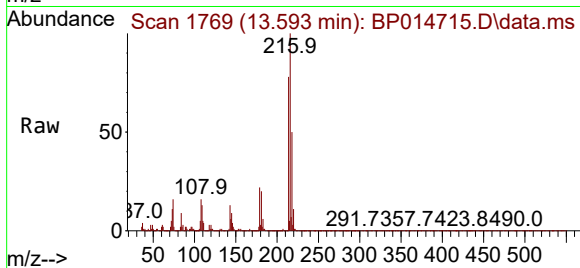




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.486 ng/uL
RT: 13.593 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

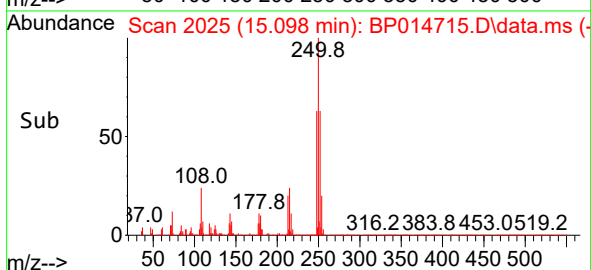
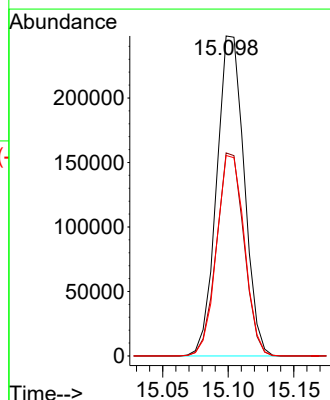
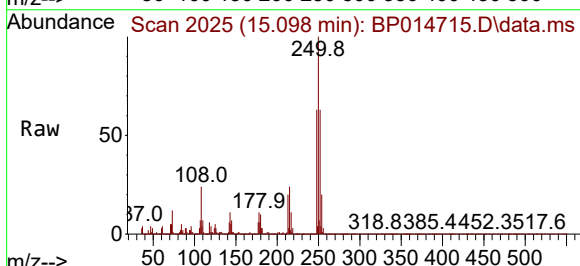
Instrument :
BNA_P
ClientSampleId :
SSTD020634

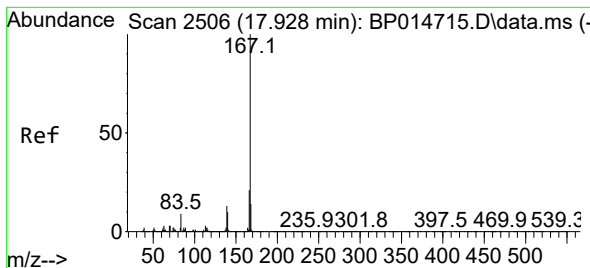
Tgt Ion:216 Resp: 367331
Ion Ratio Lower Upper
216 100
214 78.5 62.8 94.2
218 49.5 39.6 59.4



#76
Pentachlorobenzene
Concen: 18.292 ng/uL
RT: 15.098 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:250 Resp: 362675
Ion Ratio Lower Upper
250 100
248 63.4 50.7 76.1
252 62.6 50.1 75.1





#77

Carbazole

Concen: 22.907 ng/ul

RT: 17.928 min Scan# 2506

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

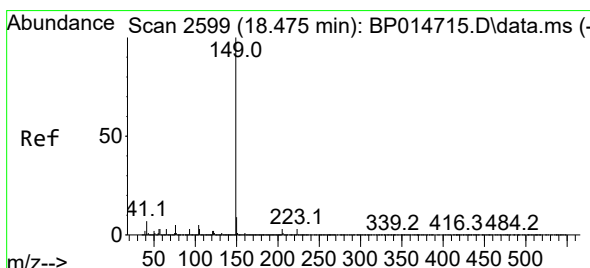
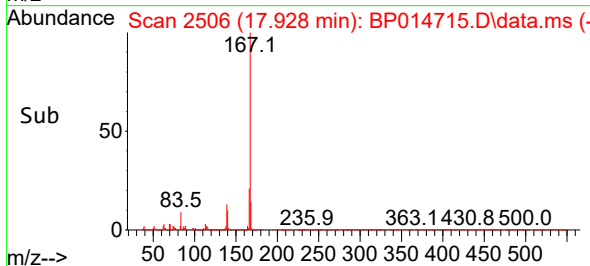
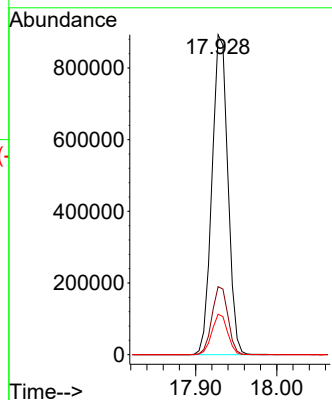
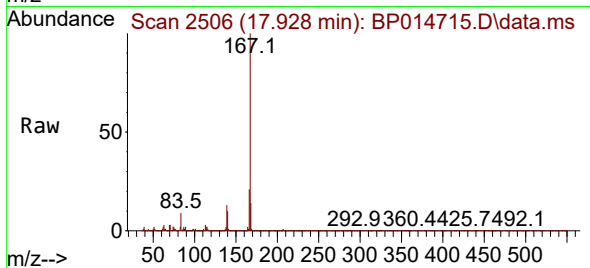
Tgt Ion:167 Resp: 1213380

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 12.7 10.2 15.2



#78

Di-n-butylphthalate

Concen: 20.662 ng/ul

RT: 18.475 min Scan# 2599

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

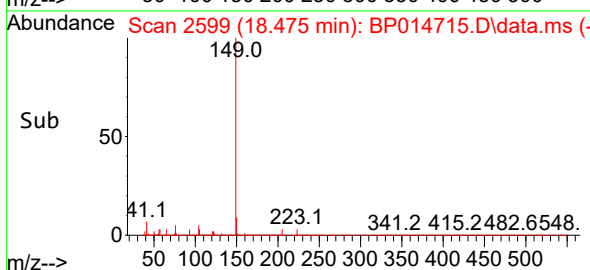
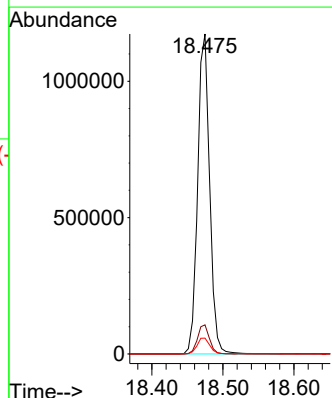
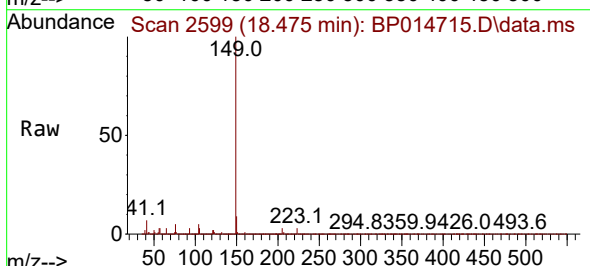
Tgt Ion:149 Resp: 1376187

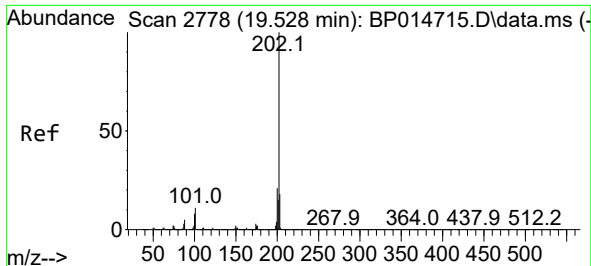
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.9 3.9 5.9

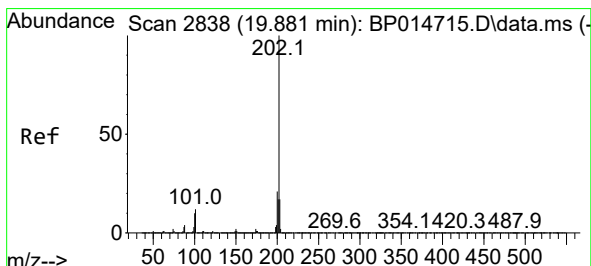
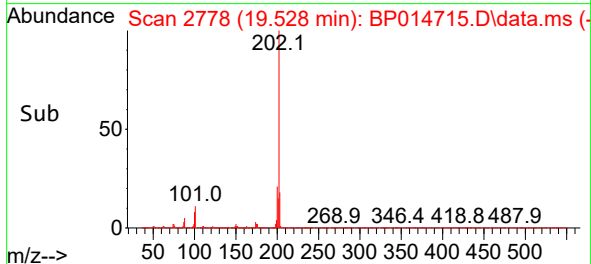
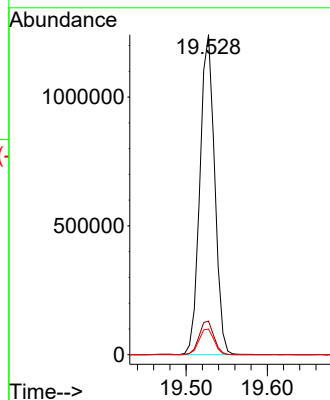
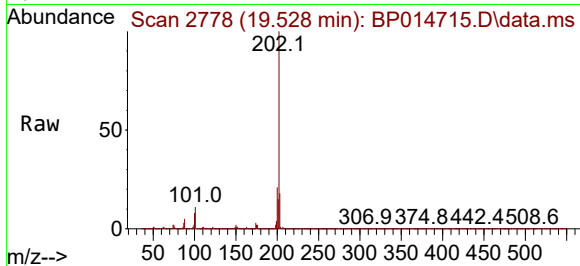




#80
Fluoranthene
Concen: 17.705 ng/ul
RT: 19.528 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

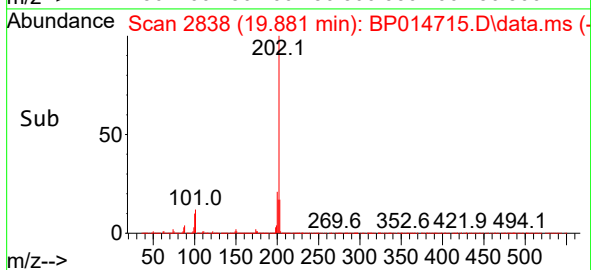
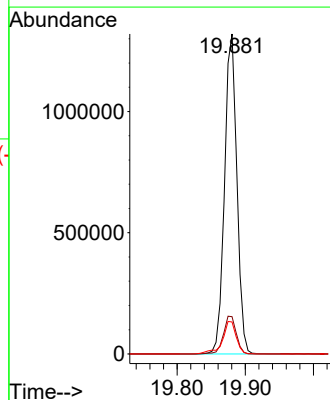
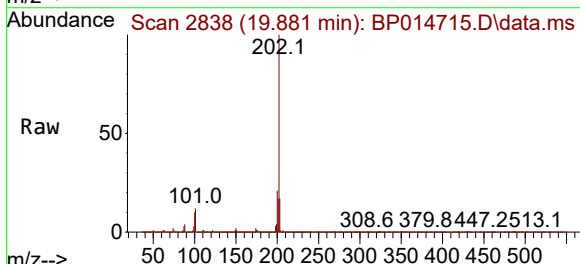
Instrument :
BNA_P
ClientSampleId :
SSTD020634

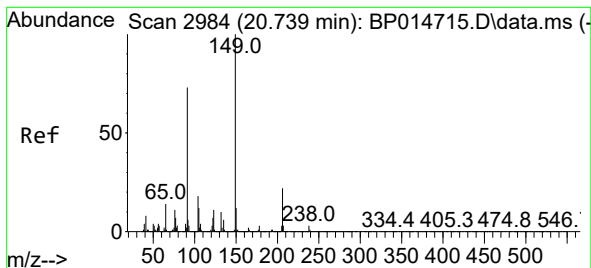
Tgt Ion:202 Resp: 1570525
Ion Ratio Lower Upper
202 100
101 10.5 8.4 12.6
100 8.0 6.4 9.6



#82
Pyrene
Concen: 17.932 ng/ul
RT: 19.881 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BP014715.D
Acq: 18 Apr 2023 16:50

Tgt Ion:202 Resp: 1660761
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.0
100 10.0 8.0 12.0





#83

Butylbenzylphthalate

Concen: 13.738 ng/ul

RT: 20.739 min Scan# 2984

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

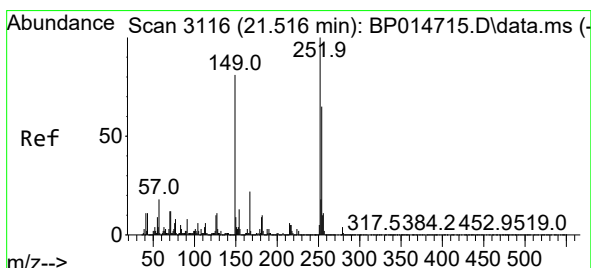
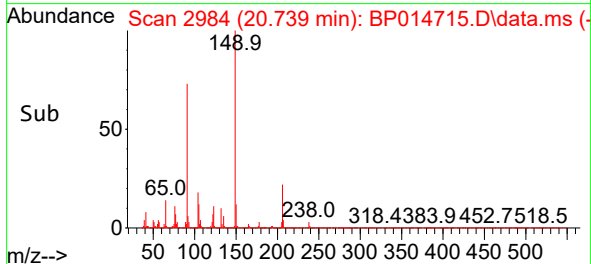
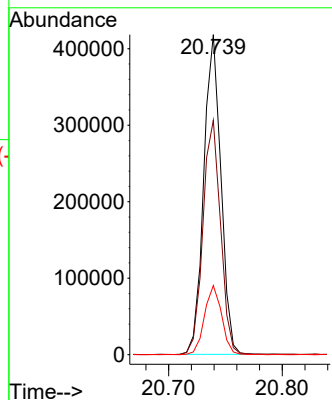
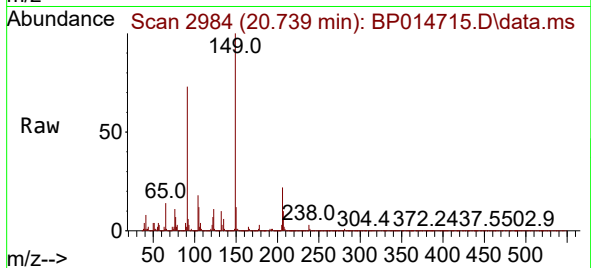
Tgt Ion:149 Resp: 438259

Ion Ratio Lower Upper

149 100

91 73.2 58.6 87.8

206 21.6 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 21.532 ng/ul

RT: 21.516 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

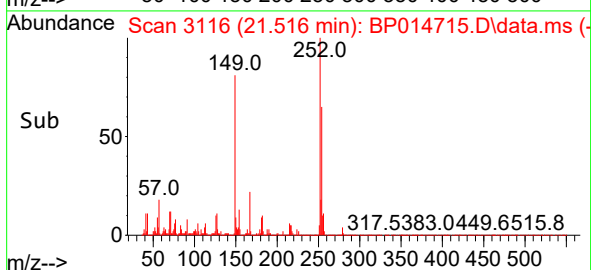
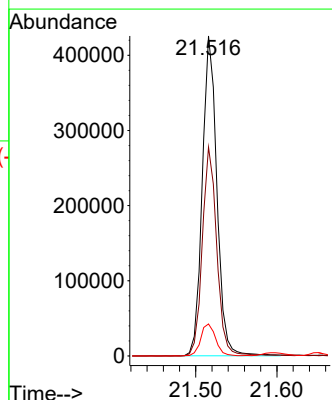
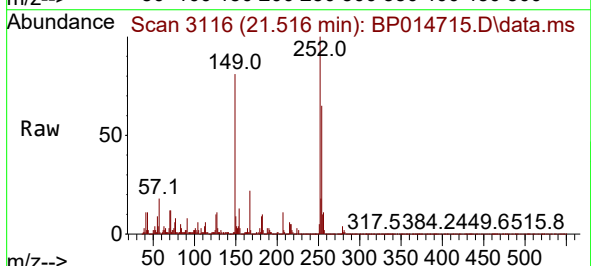
Tgt Ion:252 Resp: 531901

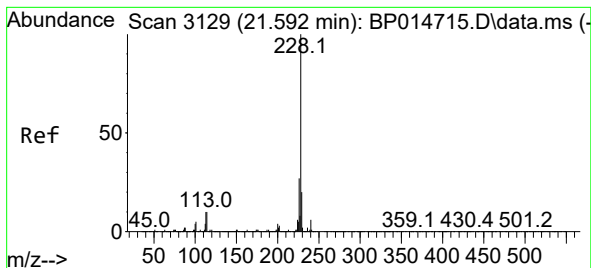
Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

126 10.0 8.0 12.0





#85

Benzo(a)anthracene

Concen: 20.753 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

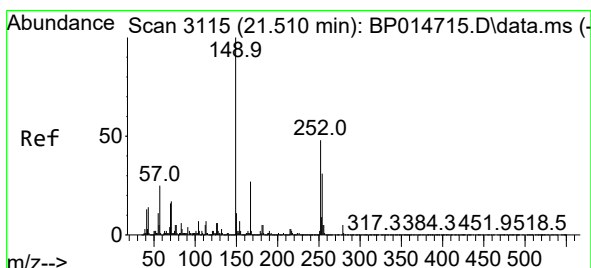
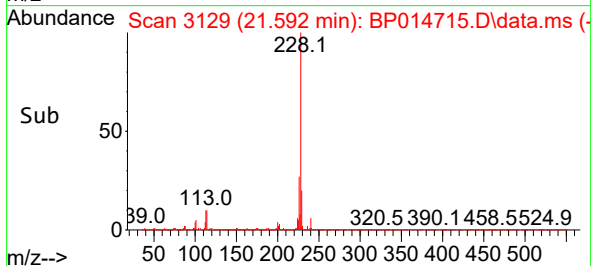
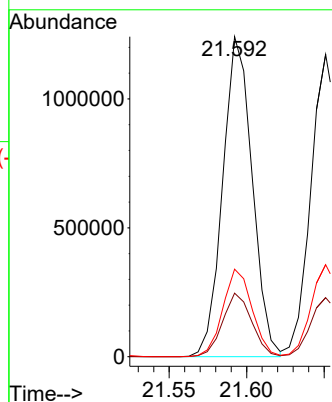
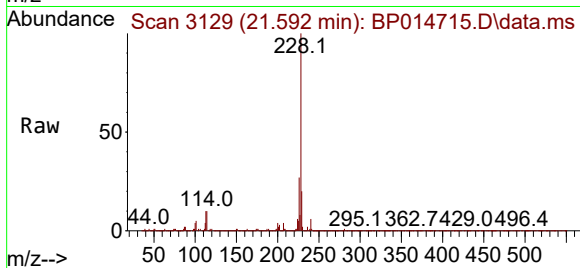
Tgt Ion:228 Resp: 1642615

Ion Ratio Lower Upper

228 100

229 19.9 15.9 23.9

226 27.3 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.527 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

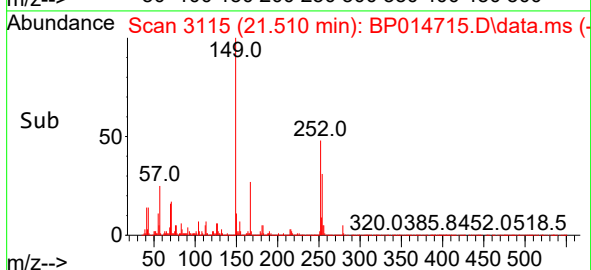
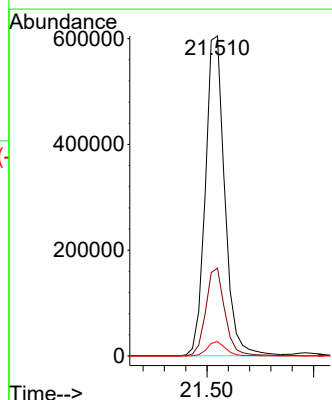
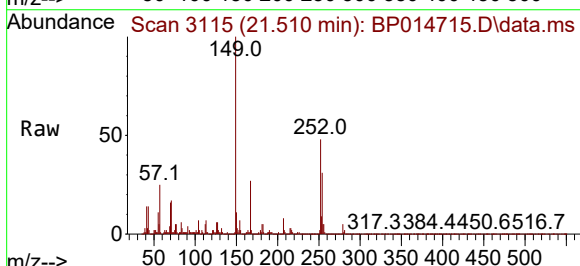
Tgt Ion:149 Resp: 764576

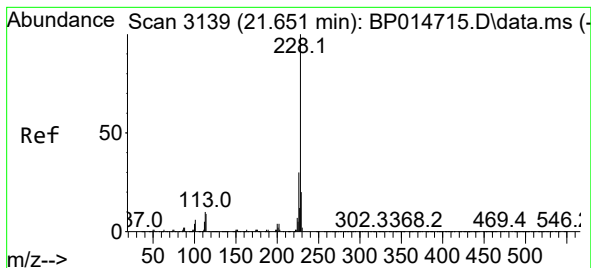
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.5 3.6 5.4





#87

Chrysene

Concen: 20.804 ng/ul

RT: 21.651 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

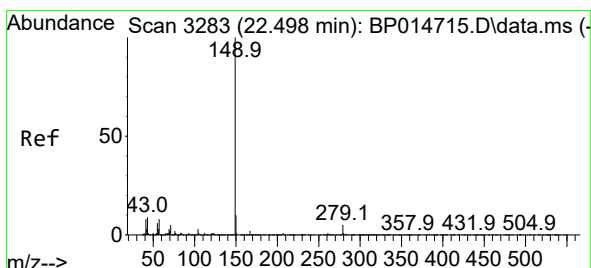
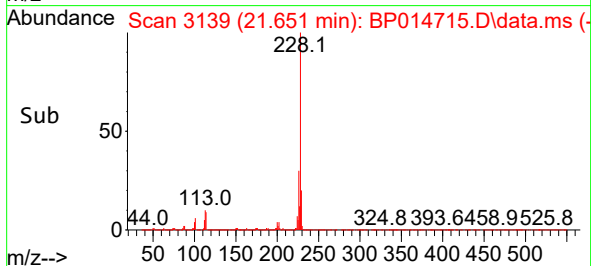
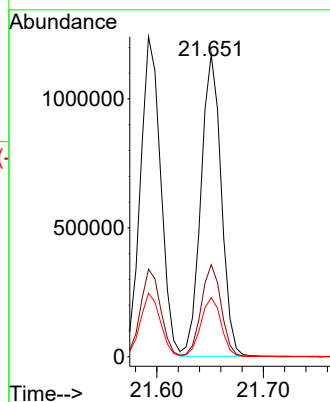
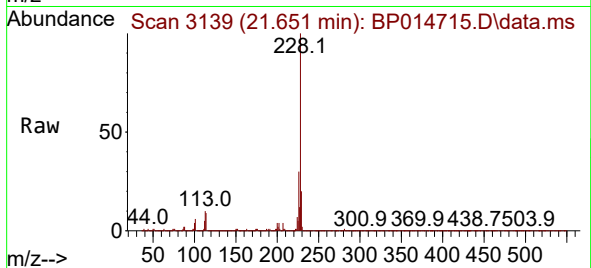
Tgt Ion:228 Resp: 1554820

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 15.476 ng/ul

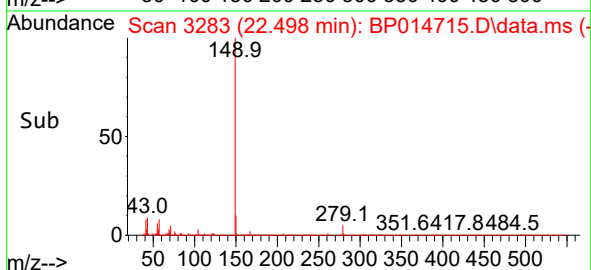
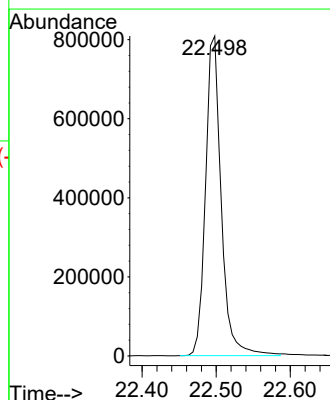
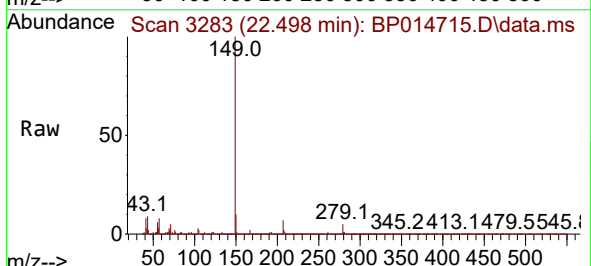
RT: 22.498 min Scan# 3283

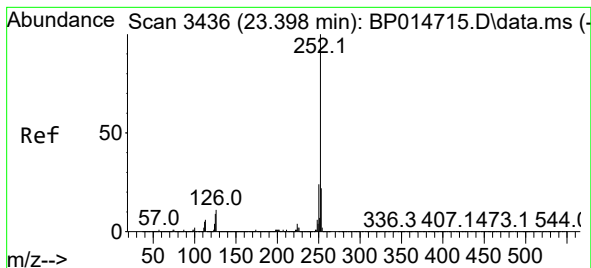
Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Tgt Ion:149 Resp: 1191494





#90

Benzo(b)fluoranthene

Concen: 20.381 ng/ul

RT: 23.398 min Scan# 3436

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

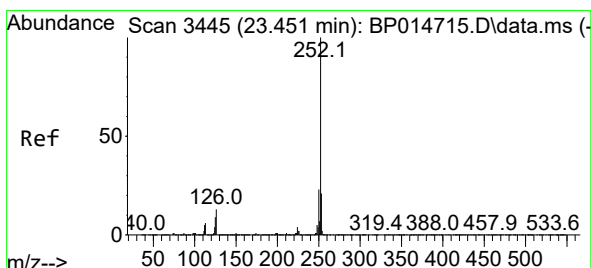
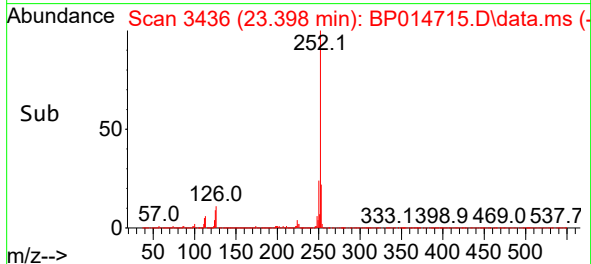
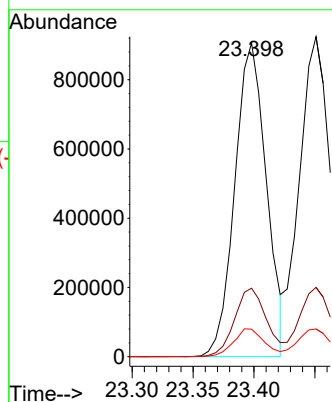
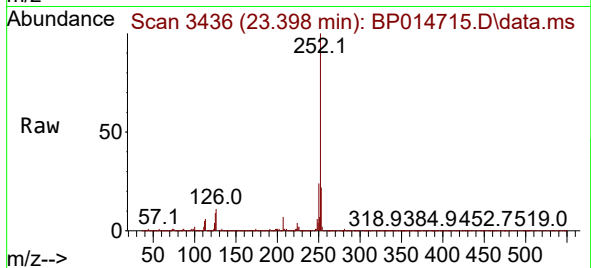
Tgt Ion:252 Resp: 1633062

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.8 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 21.277 ng/ul

RT: 23.451 min Scan# 3445

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

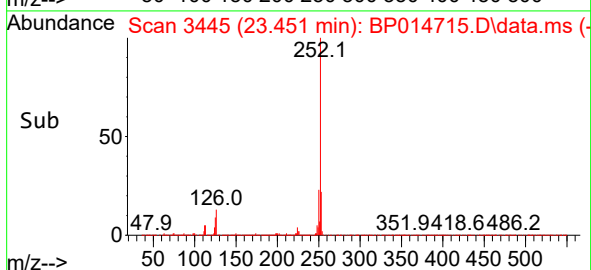
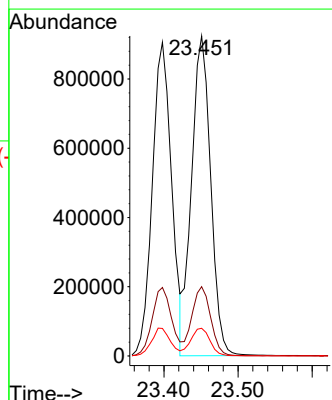
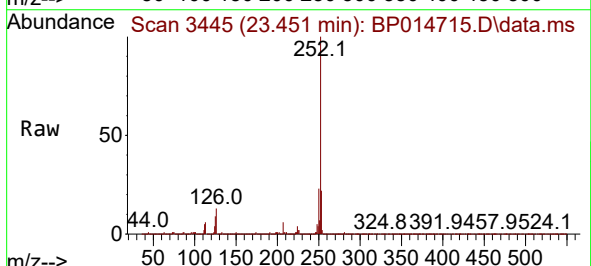
Tgt Ion:252 Resp: 1655817

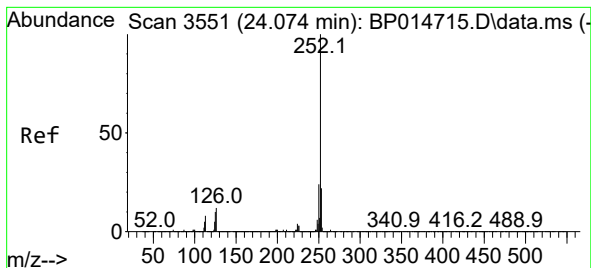
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.7 7.0 10.4





#93

Benzo(a)pyrene

Concen: 21.220 ng/ul

RT: 24.074 min Scan# 3551

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

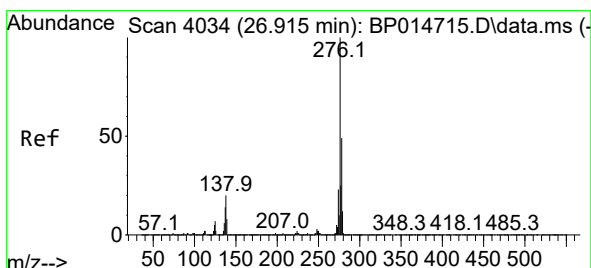
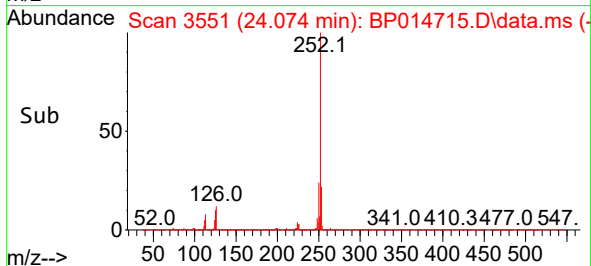
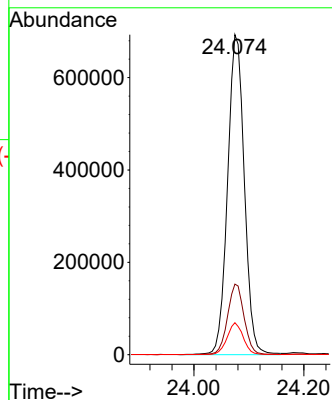
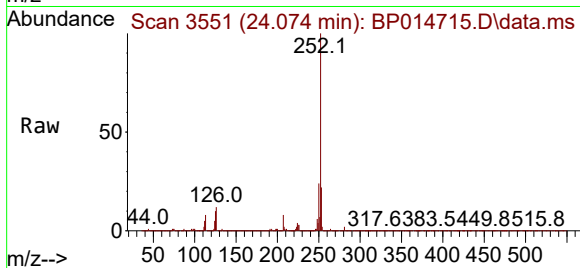
Tgt Ion:252 Resp: 1463533

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.0 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.757 ng/ul

RT: 26.915 min Scan# 4034

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

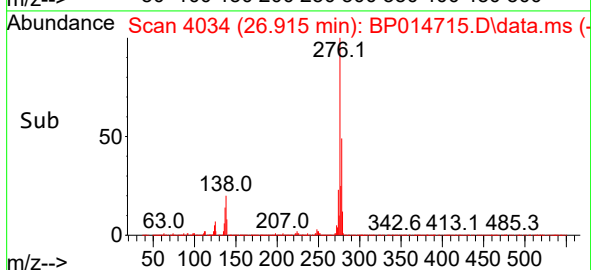
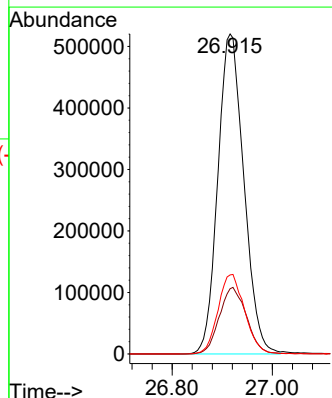
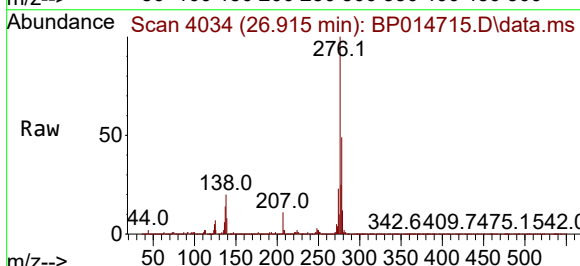
Tgt Ion:276 Resp: 1874610

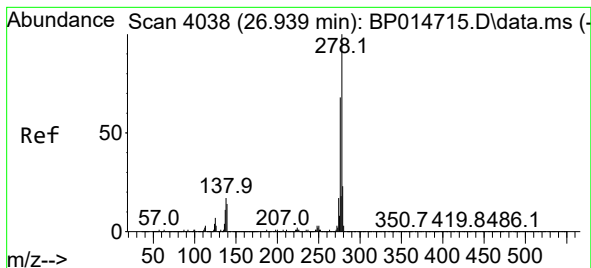
Ion Ratio Lower Upper

276 100

138 20.4 16.3 24.5

277 24.7 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 19.929 ng/ul

RT: 26.939 min Scan# 4038

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD020634

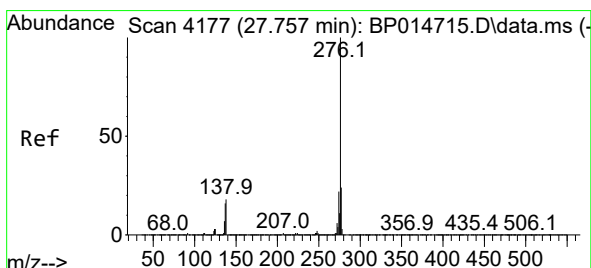
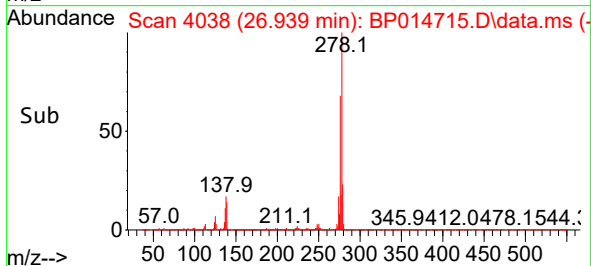
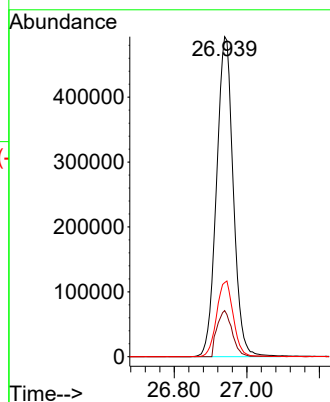
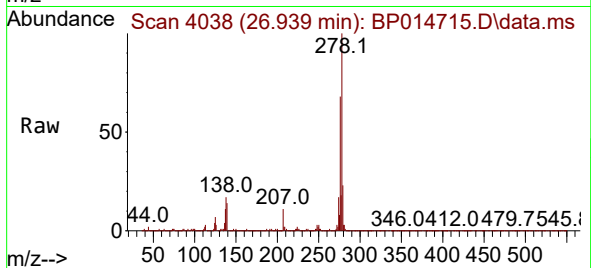
Tgt Ion:278 Resp: 1583231

Ion Ratio Lower Upper

278 100

139 14.4 11.5 17.3

279 23.2 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 19.352 ng/ul

RT: 27.757 min Scan# 4177

Delta R.T. 0.000 min

Lab File: BP014715.D

Acq: 18 Apr 2023 16:50

Tgt Ion:276 Resp: 1496735

Ion Ratio Lower Upper

276 100

138 17.9 14.3 21.5

277 24.4 19.5 29.3

