

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014988.D
 Acq On : 05 May 2023 17:57
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020699

Quant Time: May 05 22:33:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	358639	20.000	ng/u1	0.00
20) Naphthalene-d8	11.010	136	1549051	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.822	164	942058	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.575	188	1924690	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1111085	20.000	ng/u1	0.01
88) Perylene-d12	24.257	264	1161938	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	63432	6.576	ng/uL	0.00
4) Pyridine-d5	3.899	84	448237	17.002	ng/u1	0.00
7) Phenol-d5	7.316	99	571185	18.370	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.487	67	335104	17.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	432679	18.925	ng/u1	0.00
15) 4-Methylphenol-d8	8.887	113	449641	18.765	ng/u1	0.01
21) Nitrobenzene-d5	9.352	128	218284	19.813	ng/u1	0.01
24) 2-Nitrophenol-d4	10.081	143	243165	21.495	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.622	165	446436	20.098	ng/u1	0.00
31) 4-Chloroaniline-d4	11.146	131	610136	18.990	ng/u1	0.01
46) Dimethylphthalate-d6	14.222	166	1204759	18.069	ng/u1	0.01
49) Acenaphthylene-d8	14.516	160	1442702	18.042	ng/u1	0.01
54) 4-Nitrophenol-d4	15.010	143	226397	19.518	ng/u1	0.01
60) Fluorene-d10	15.810	176	1044304	18.206	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.934	200	184037	16.986	ng/u1	0.01
73) Anthracene-d10	17.675	188	1548715	17.909	ng/u1	0.01
81) Pyrene-d10	19.892	212	1499235	20.007	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.086	264	1018885	17.997	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	68204	6.527	ng/uL	99
5) Pyridine	3.923	79	464575	16.927	ng/u1	99
6) Benzaldehyde	7.299	77	188378	22.159	ng/u1	99
8) Phenol	7.346	94	590703	18.095	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.581	93	473131	17.437	ng/u1	99
12) 2-Chlorophenol	7.728	128	454483	18.350	ng/u1	100
13) 2-Methylphenol	8.616	108	450743	18.518	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.705	45	583177	16.945	ng/u1	99
16) Acetophenone	9.005	105	718845	18.348	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.993	70	363197	18.190	ng/u1	99
18) 4-Methylphenol	8.952	108	491061	18.249	ng/u1	100
19) Hexachloroethane	9.269	117	187462	17.445	ng/u1	93
22) Nitrobenzene	9.393	77	535129	18.486	ng/u1	98
23) Isophorone	9.922	82	1042891	18.229	ng/u1	99
25) 2-Nitrophenol	10.116	139	262573	20.182	ng/u1	97
26) 2,4-Dimethylphenol	10.163	107	523608	18.544	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.405	93	641847	17.549	ng/u1	99
29) 2,4-Dichlorophenol	10.652	162	446784	19.446	ng/u1	99
30) Naphthalene	11.063	128	1489081	17.488	ng/u1	100
32) 4-Chloroaniline	11.169	127	627421	18.713	ng/u1	100
33) Hexachlorobutadiene	11.340	225	275547	18.587	ng/u1	99
34) Caprolactam	11.946	113	102932	14.542	ng/u1	98
35) 4-Chloro-3-methylphenol	12.281	107	476915	20.192	ng/u1	100
36) 2-Methylnaphthalene	12.657	142	972835	18.475	ng/u1	99

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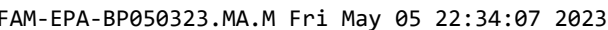
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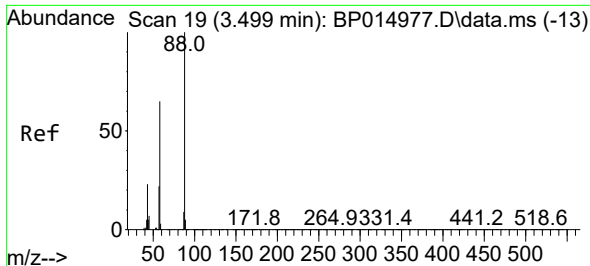
Quant Time: May 05 22:33:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.875	142	981030	18.074	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.022	216	530378	18.049	ng/ul	98
40) Hexachlorocyclopentadiene	12.999	237	385161	19.438	ng/ul	99
41) 2,4,6-Trichlorophenol	13.257	196	358080	19.776	ng/ul	99
42) 2,4,5-Trichlorophenol	13.328	196	386493	19.805	ng/ul	99
43) 1,1'-Biphenyl	13.657	154	1310281	17.397	ng/ul	99
44) 2-Chloronaphthalene	13.698	162	1029026	17.540	ng/ul	99
45) 2-Nitroaniline	13.904	65	291326	21.324	ng/ul	97
47) Dimethylphthalate	14.269	163	1258707	17.954	ng/ul	99
48) 2,6-Dinitrotoluene	14.393	165	258185	20.840	ng/ul	95
50) Acenaphthylene	14.546	152	1602787	17.680	ng/ul	100
51) 3-Nitroaniline	14.722	138	238846	21.307	ng/ul	97
52) Acenaphthene	14.881	153	1089434	17.366	ng/ul	99
53) 2,4-Dinitrophenol	14.934	184	128236	17.007	ng/ul	93
55) 4-Nitrophenol	15.022	109	171073	19.376	ng/ul	97
56) Dibenzofuran	15.216	168	1511799	17.860	ng/ul	100
57) 2,4-Dinitrotoluene	15.181	165	357376	20.595	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.440	232	320553	20.183	ng/ul	97
59) Diethylphthalate	15.628	149	1248801	18.851	ng/ul	99
61) Fluorene	15.869	166	1216677	18.221	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.851	204	596020	18.240	ng/ul	99
63) 4-Nitroaniline	15.887	138	217552	23.252	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.945	198	190422	16.569	ng/ul	100
67) N-Nitrosodiphenylamine	16.069	169	1027317	17.586	ng/ul	99
68) 4-Bromophenyl-phenylether	16.751	248	370124	18.486	ng/ul	98
69) Hexachlorobenzene	16.875	284	428226	18.157	ng/ul	96
70) Atrazine	17.022	200	374178	19.035	ng/ul	99
71) Pentachlorophenol	17.222	266	253269	18.396	ng/ul	98
72) Phenanthrene	17.622	178	1834170	17.250	ng/ul	100
74) Anthracene	17.710	178	1861512	17.584	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.622	216	535876	16.819	ng/ul	97
76) Pentachlorobenzene	15.140	250	523112	17.258	ng/ul	99
77) Carbazole	17.975	167	1625865	18.260	ng/ul	100
78) Di-n-butylphthalate	18.504	149	2136820	21.461	ng/ul	100
80) Fluoranthene	19.569	202	1915549	20.832	ng/ul	97
82) Pyrene	19.922	202	1897304	19.475	ng/ul	97
83) Butylbenzylphthalate	20.769	149	833574	28.499	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.557	252	333657	17.842	ng/ul	99
85) Benzo(a)anthracene	21.639	228	1367661	18.442	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1144207	31.090	ng/ul#	100
87) Chrysene	21.692	228	1283898	17.194	ng/ul	100
89) Di-n-octyl phthalate	22.522	149	1666593	24.565	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1284567	17.106	ng/ul	99
91) Benzo(k)fluoranthene	23.504	252	1238033	16.199	ng/ul	99
93) Benzo(a)pyrene	24.145	252	1153083	17.509	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.027	276	1651571	20.559	ng/ul	98
95) Dibenzo(a,h)anthracene	27.045	278	1359733	20.651	ng/ul	100
96) Benzo(g,h,i)perylene	27.880	276	1376167	20.128	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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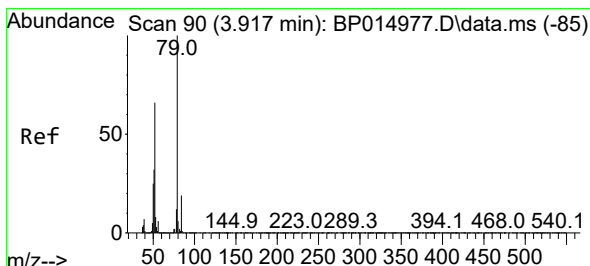
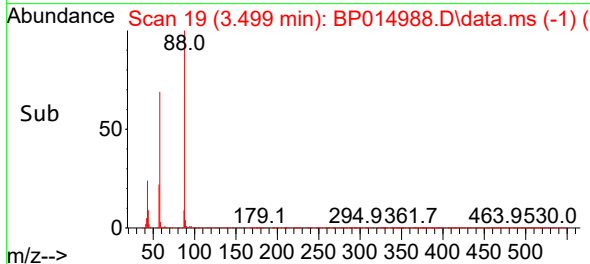
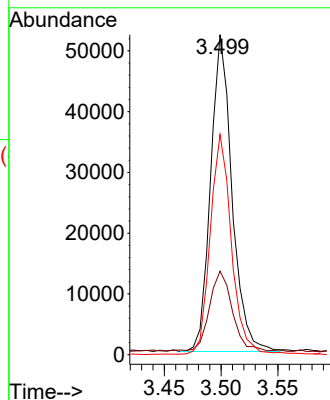
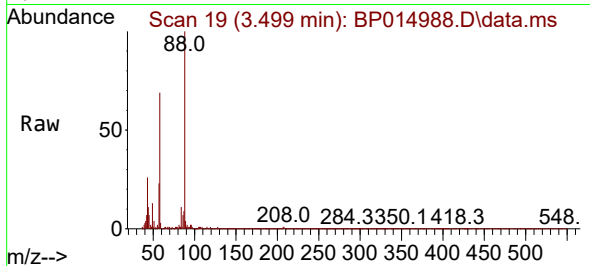




#2
1,4-Dioxane
Concen: 6.527 ng/uL
RT: 3.499 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP014988.D
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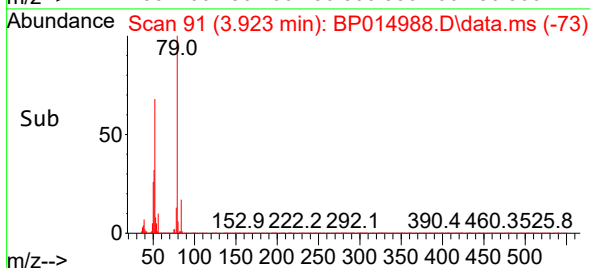
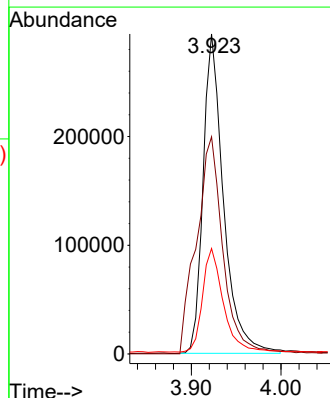
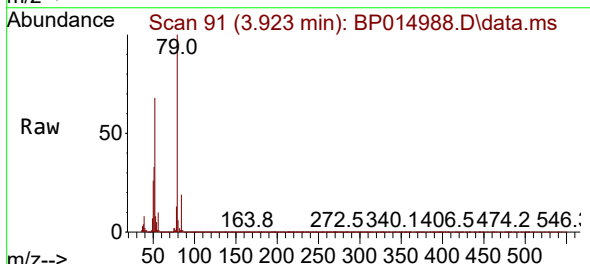
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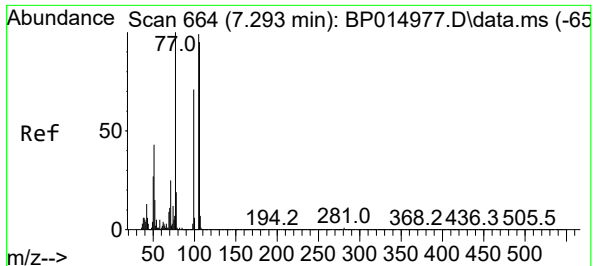
Tgt Ion: 88 Resp: 68204
Ion Ratio Lower Upper
88 100
43 26.1 20.6 31.0
58 68.8 54.4 81.6



#5
Pyridine
Concen: 16.927 ng/uL
RT: 3.923 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion: 79 Resp: 464575
Ion Ratio Lower Upper
79 100
52 67.9 54.7 82.1
51 33.0 25.5 38.3

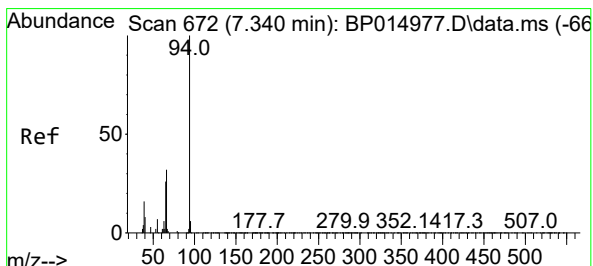
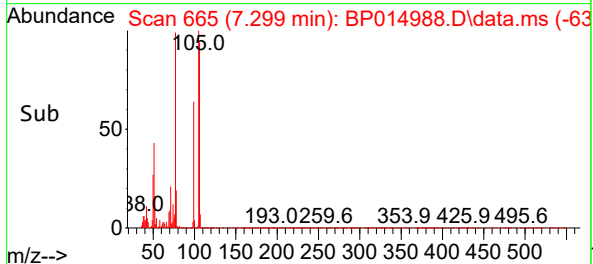
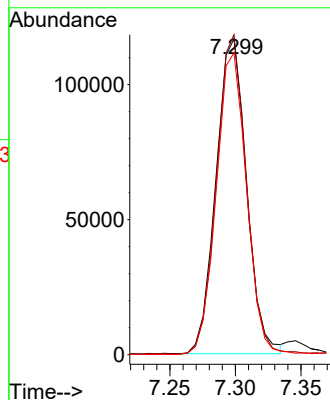
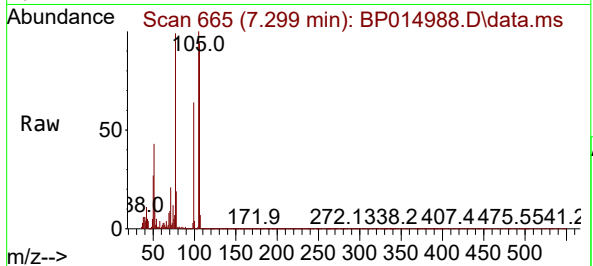




#6
Benzaldehyde
Concen: 22.159 ng/ul
RT: 7.299 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

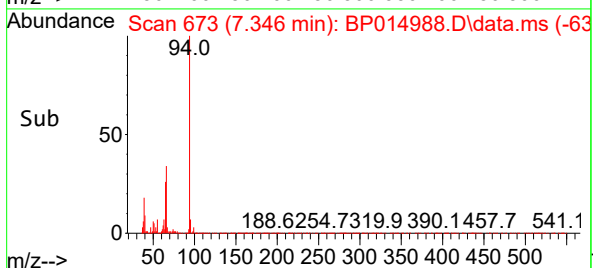
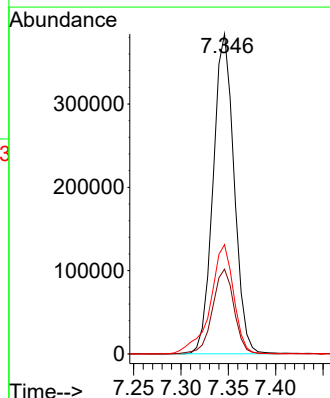
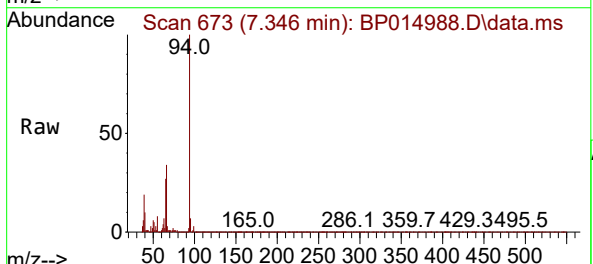
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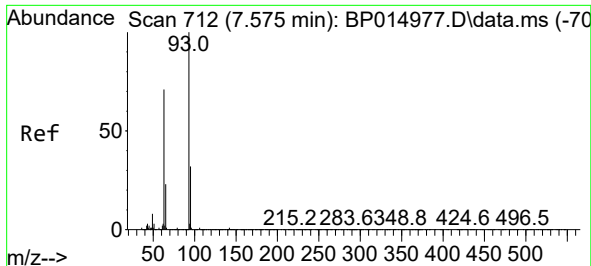
Tgt Ion: 77 Resp: 188378
Ion Ratio Lower Upper
77 100
105 101.3 80.7 121.1
106 95.5 77.6 116.4



#8
Phenol
Concen: 18.095 ng/ul
RT: 7.346 min Scan# 673
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion: 94 Resp: 590703
Ion Ratio Lower Upper
94 100
65 26.5 21.4 32.0
66 34.1 25.8 38.8

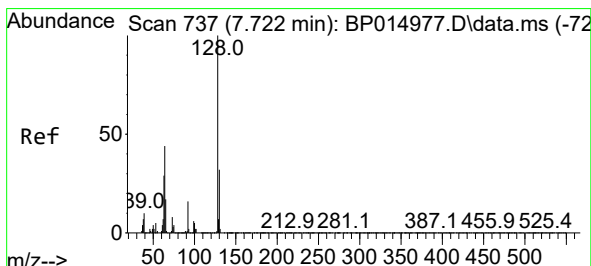
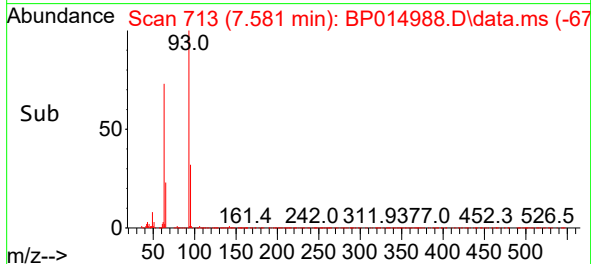
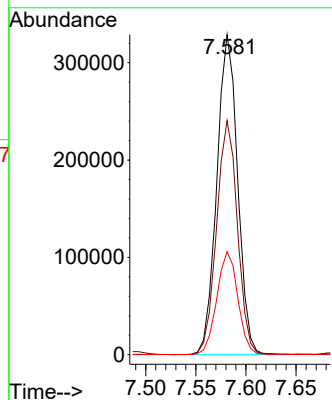
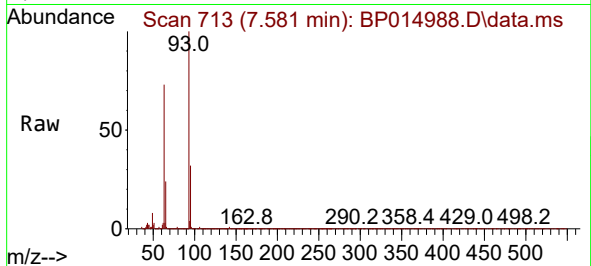




#10
Bis(2-Chloroethyl)ether
Concen: 17.437 ng/ul
RT: 7.581 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

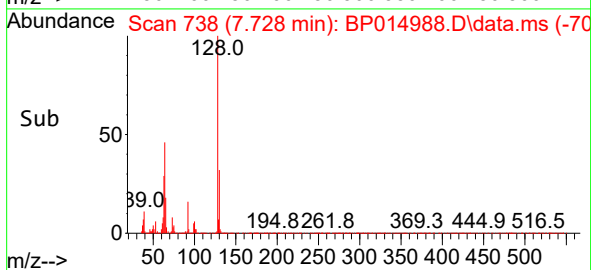
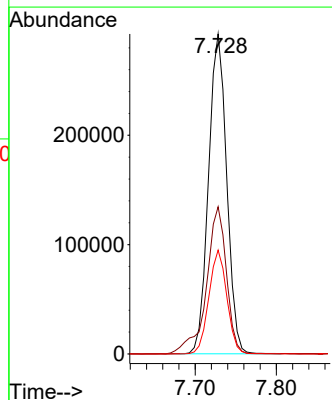
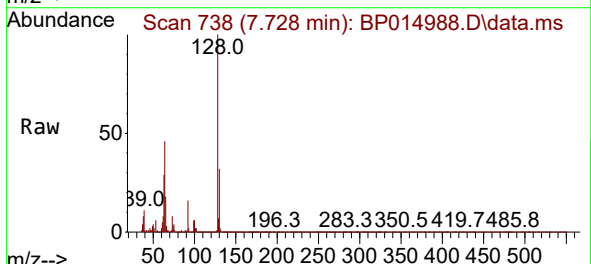
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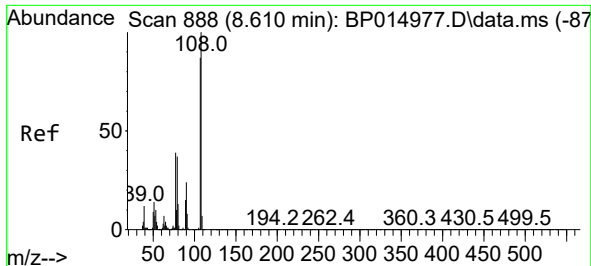
Tgt Ion: 93 Resp: 473131
Ion Ratio Lower Upper
93 100
63 73.1 58.1 87.1
95 32.2 26.0 39.0



#12
2-Chlorophenol
Concen: 18.350 ng/ul
RT: 7.728 min Scan# 738
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:128 Resp: 454483
Ion Ratio Lower Upper
128 100
64 46.0 36.6 55.0
130 32.4 25.8 38.8





#13

2-Methylphenol

Concen: 18.518 ng/ul

RT: 8.616 min Scan# 888

Delta R.T. 0.006 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

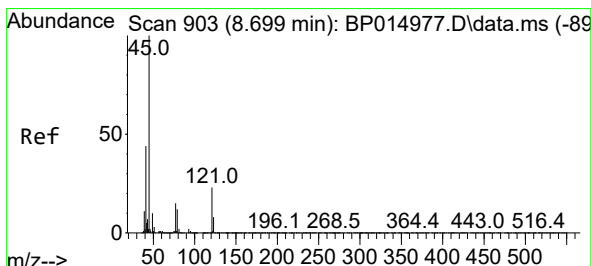
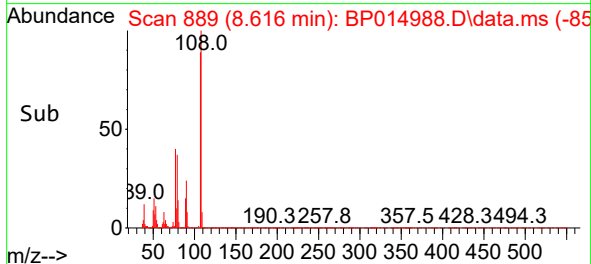
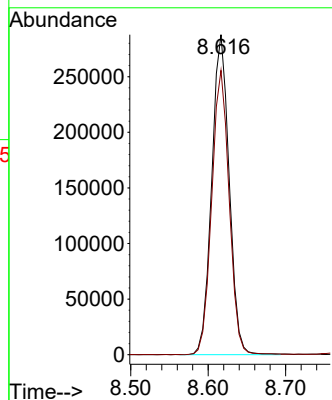
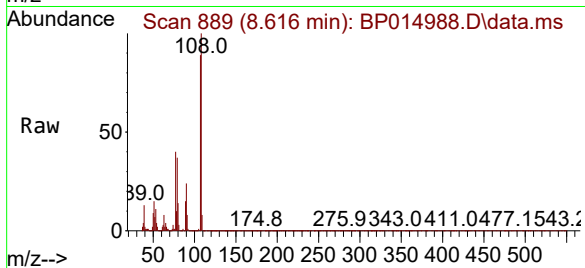
SSTD020699

Tgt Ion:108 Resp: 450743

Ion Ratio Lower Upper

108 100

107 88.9 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.945 ng/ul

RT: 8.705 min Scan# 904

Delta R.T. 0.006 min

Lab File: BP014988.D

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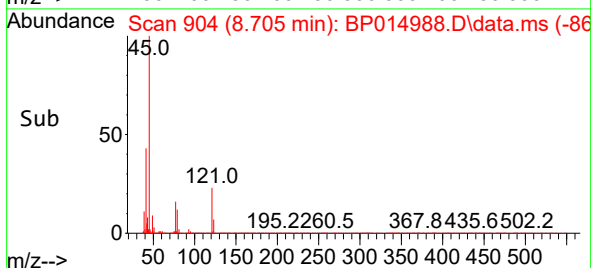
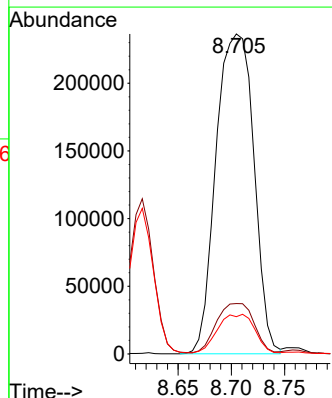
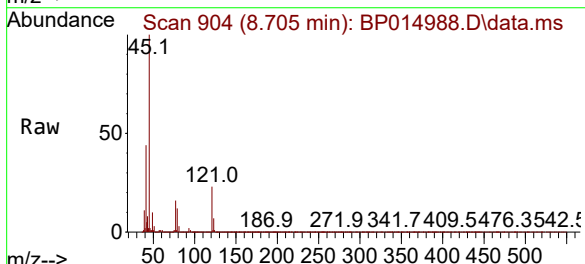
Tgt Ion: 45 Resp: 583177

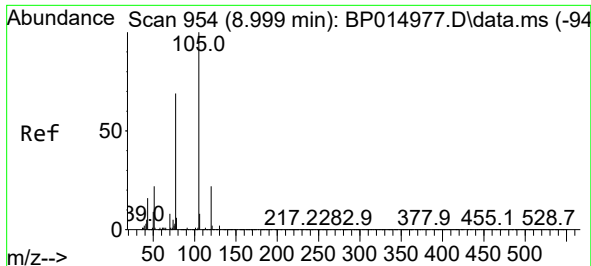
Ion Ratio Lower Upper

45 100

77 15.7 12.3 18.5

79 11.7 9.5 14.3

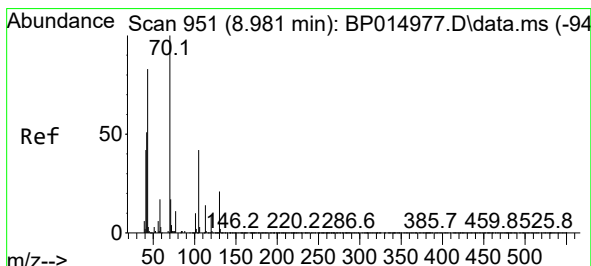
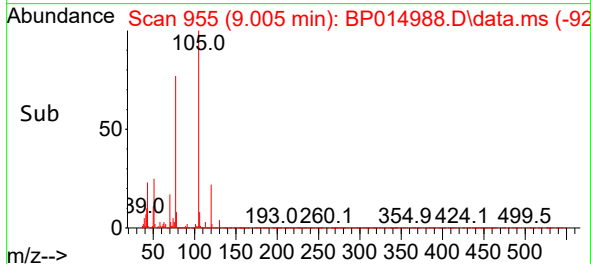
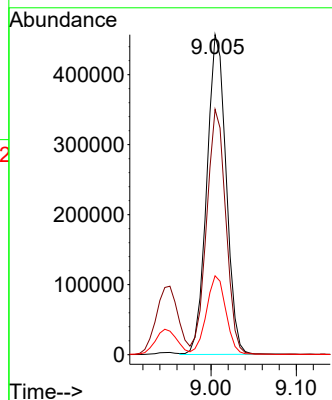
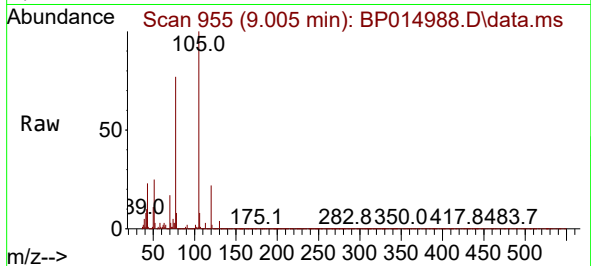




#16
Acetophenone
Concen: 18.348 ng/ul
RT: 9.005 min Scan# 91
Delta R.T. 0.006 min
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Acq: 05 May 2023 17:57

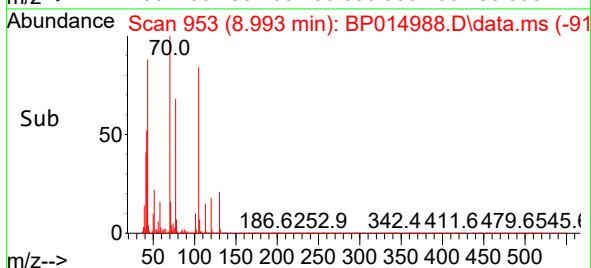
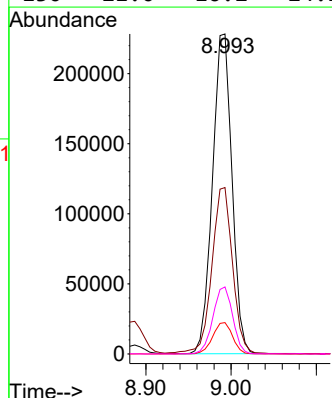
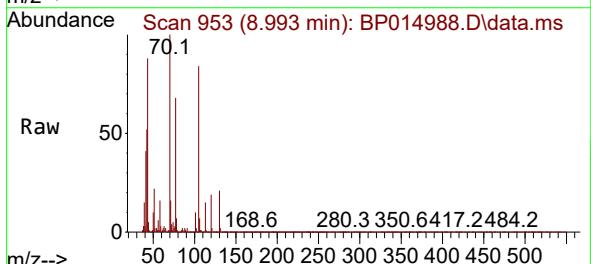
Instrument :
BNA_P
ClientSampleId :
SSTD020699

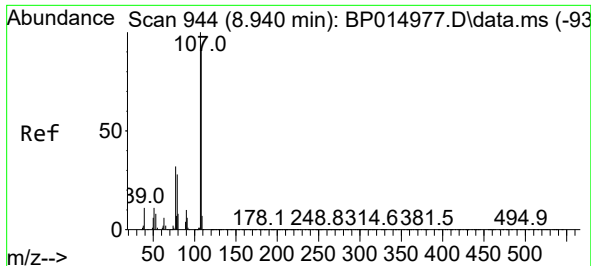
Tgt Ion:105 Resp: 718845
Ion Ratio Lower Upper
105 100
77 76.7 61.2 91.8
51 24.7 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 18.190 ng/ul
RT: 8.993 min Scan# 953
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion: 70 Resp: 363197
Ion Ratio Lower Upper
70 100
42 52.0 41.9 62.9
101 9.8 7.7 11.5
130 21.0 16.2 24.2

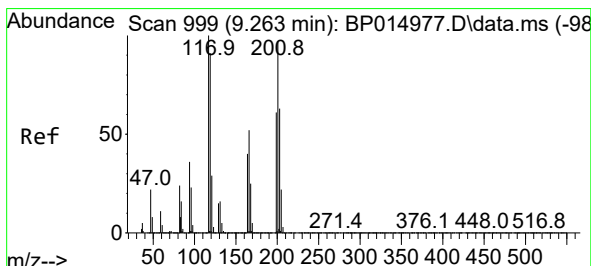
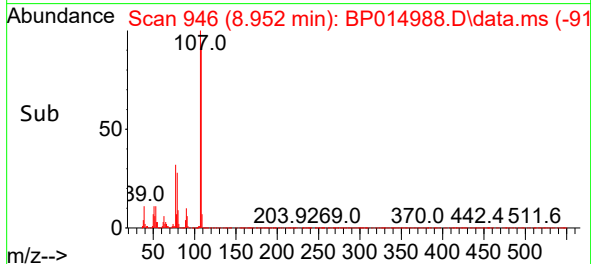
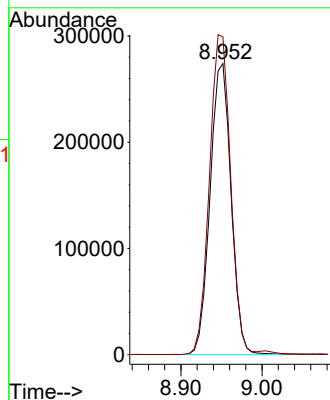
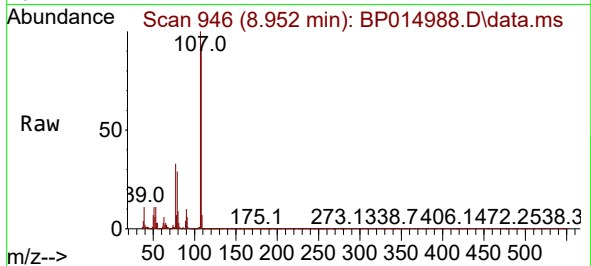




#18
4-Methylphenol
Concen: 18.249 ng/ul
RT: 8.952 min Scan# 94
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

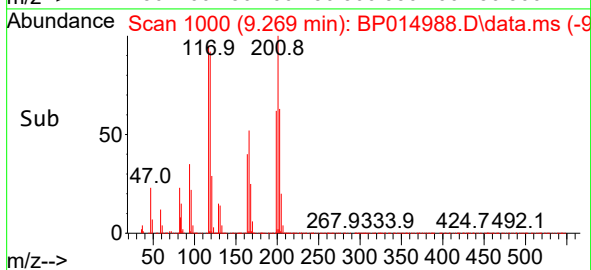
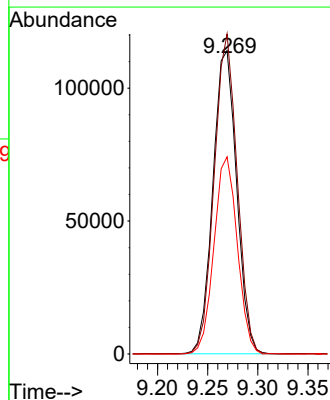
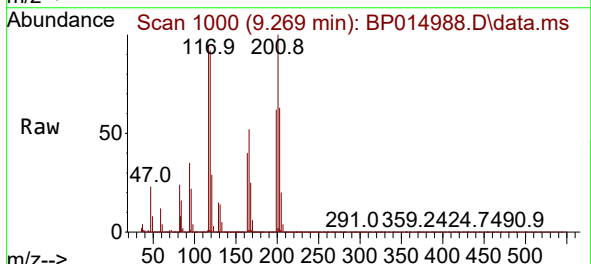
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BNA_P
ClientSampleId :
SSTD020699

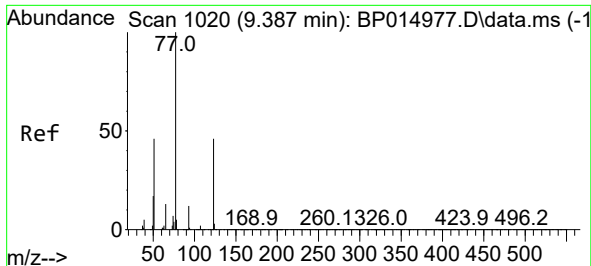
Tgt Ion:108 Resp: 491061
Ion Ratio Lower Upper
108 100
107 109.2 87.2 130.8



#19
Hexachloroethane
Concen: 17.445 ng/ul
RT: 9.269 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:117 Resp: 187462
Ion Ratio Lower Upper
117 100
201 105.5 78.9 118.3
199 65.0 48.3 72.5

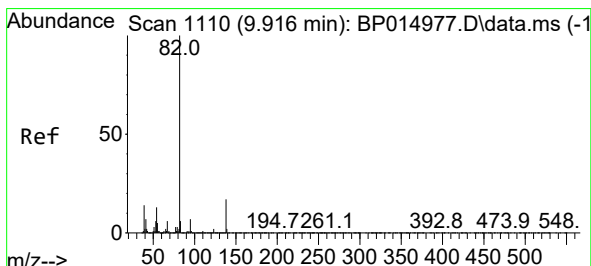
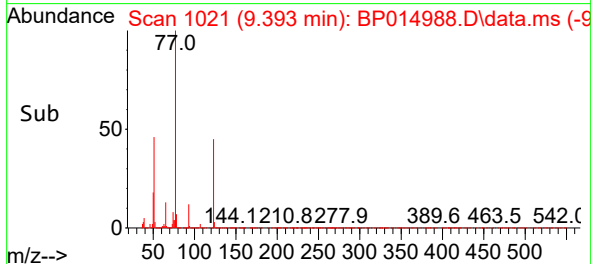
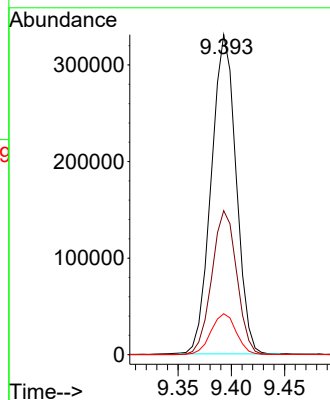
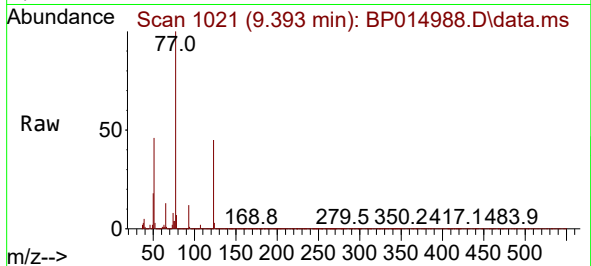




#22
Nitrobenzene
Concen: 18.486 ng/ul
RT: 9.393 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

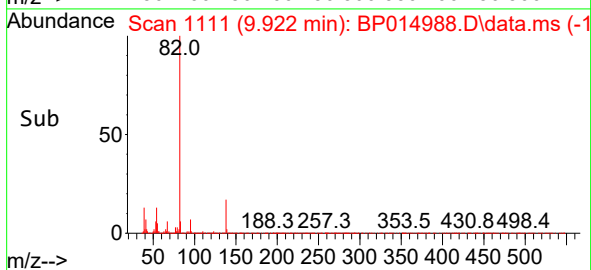
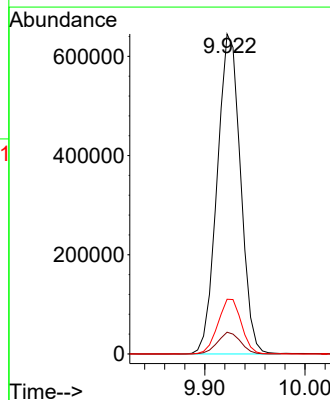
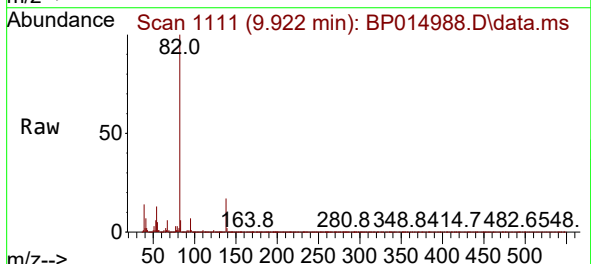
Instrument :
BNA_P
ClientSampleId :
SSTD020699

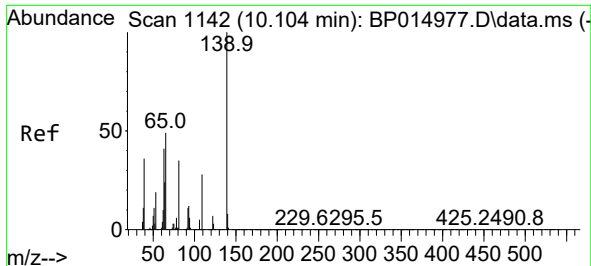
Tgt Ion: 77 Resp: 535129
Ion Ratio Lower Upper
77 100
123 45.0 34.8 52.2
65 12.8 10.2 15.2



#23
Isophorone
Concen: 18.229 ng/ul
RT: 9.922 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion: 82 Resp: 1042891
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 17.1 13.9 20.9

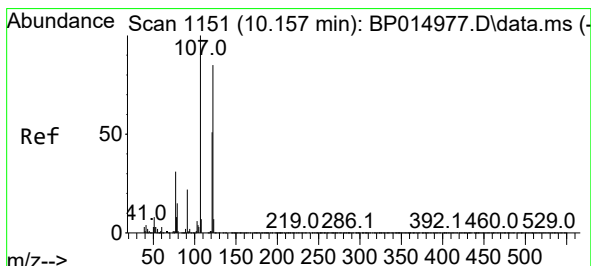
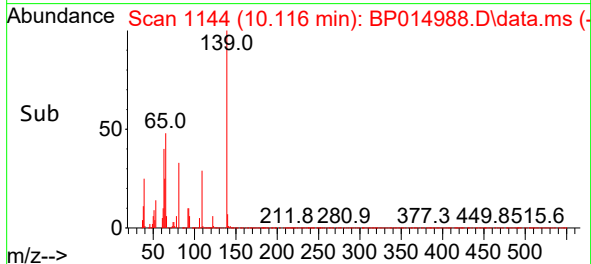
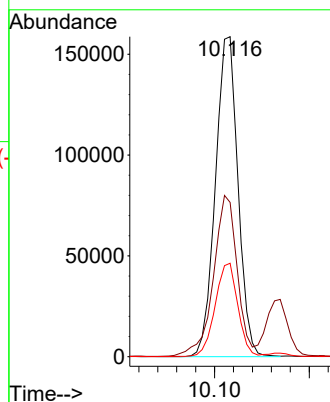
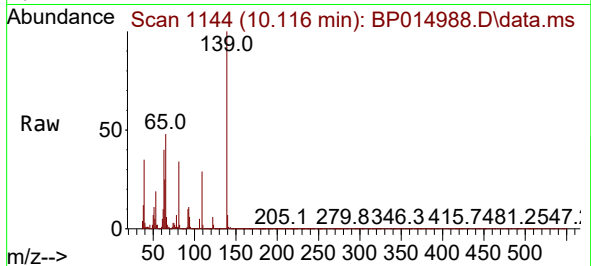




#25
2-Nitrophenol
Concen: 20.182 ng/ul
RT: 10.116 min Scan# 1144
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

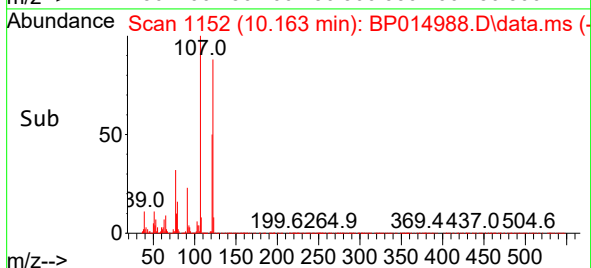
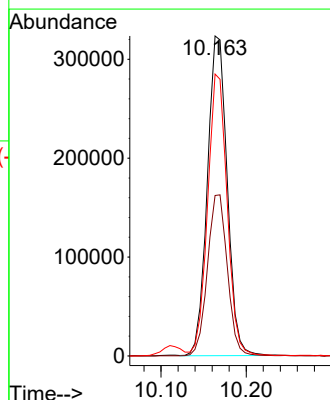
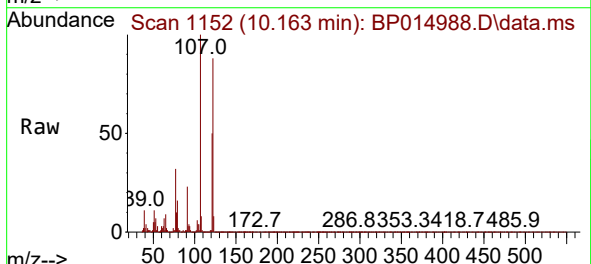
Instrument :
BNA_P
ClientSampleId :
SSTD020699

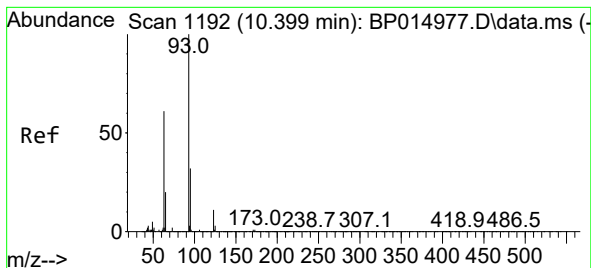
Tgt Ion:139 Resp: 262573
Ion Ratio Lower Upper
139 100
65 48.2 40.5 60.7
109 29.2 22.4 33.6



#26
2,4-Dimethylphenol
Concen: 18.544 ng/ul
RT: 10.163 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:107 Resp: 523608
Ion Ratio Lower Upper
107 100
121 50.2 40.2 60.2
122 88.1 69.6 104.4





#27

Bis(2-Chloroethoxy)methane

Concen: 17.549 ng/ul

RT: 10.405 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

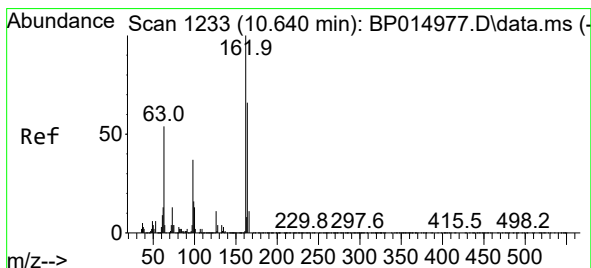
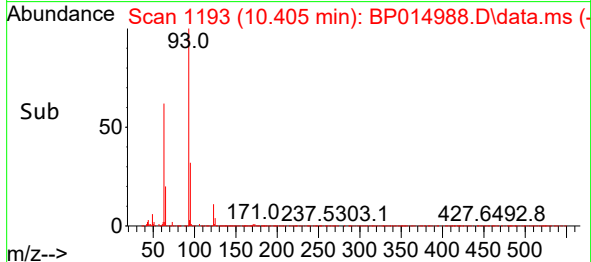
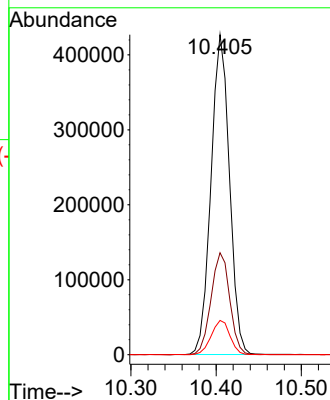
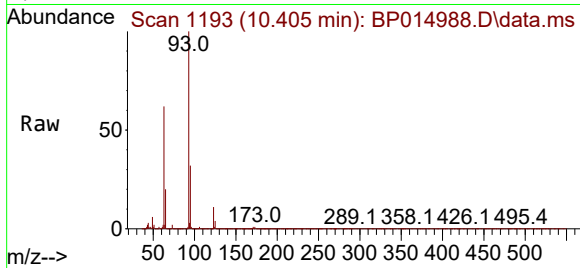
Tgt Ion: 93 Resp: 641847

Ion Ratio Lower Upper

93 100

95 31.8 26.1 39.1

123 10.7 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 19.446 ng/ul

RT: 10.652 min Scan# 1235

Delta R.T. 0.012 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

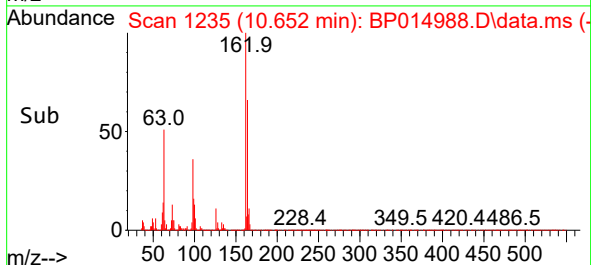
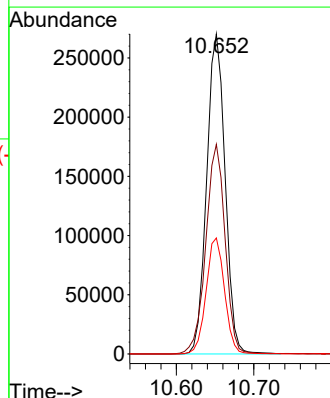
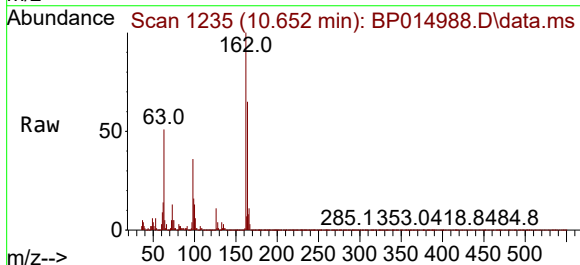
Tgt Ion:162 Resp: 446784

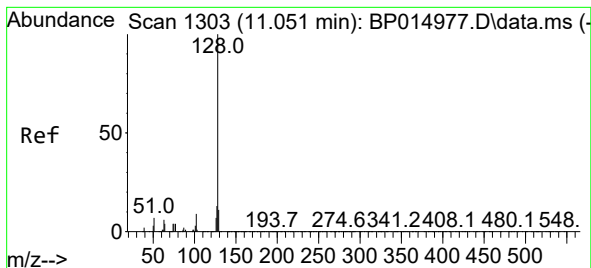
Ion Ratio Lower Upper

162 100

164 65.5 51.5 77.3

98 36.3 28.8 43.2

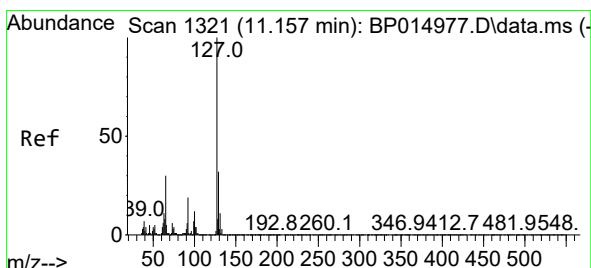
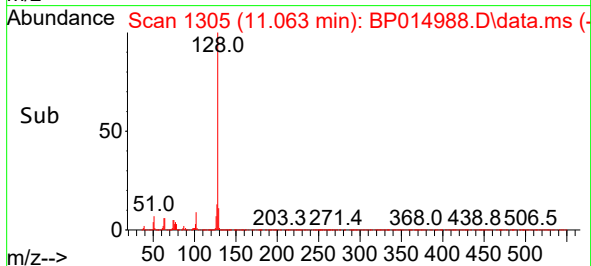
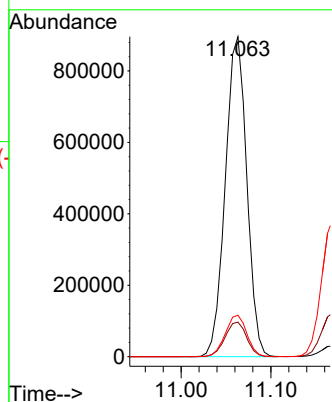
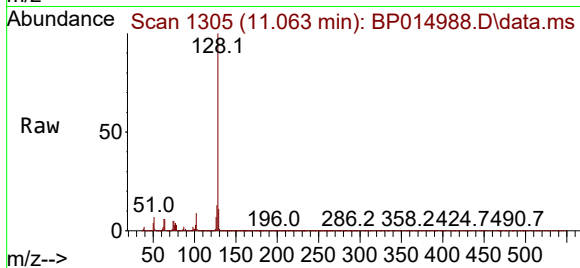




#30
Naphthalene
Concen: 17.488 ng/ul
RT: 11.063 min Scan# 1106
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

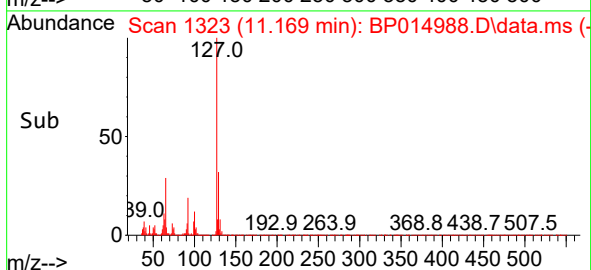
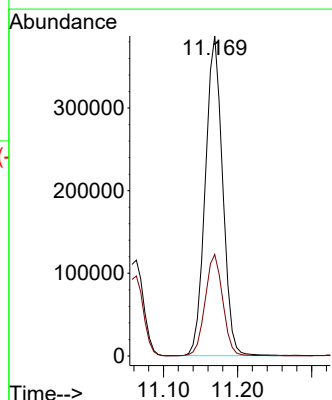
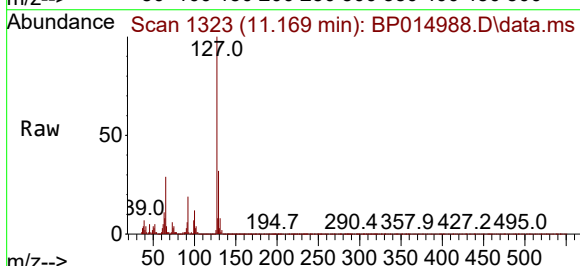
Instrument :
BNA_P
ClientSampleId :
SSTD020699

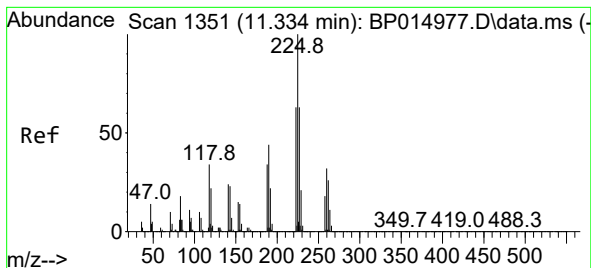
Tgt Ion:128 Resp: 1489081
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 18.713 ng/ul
RT: 11.169 min Scan# 1323
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:127 Resp: 627421
Ion Ratio Lower Upper
127 100
129 31.7 25.5 38.3





#33

Hexachlorobutadiene

Concen: 18.587 ng/ul

RT: 11.340 min Scan# 1351

Delta R.T. 0.006 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

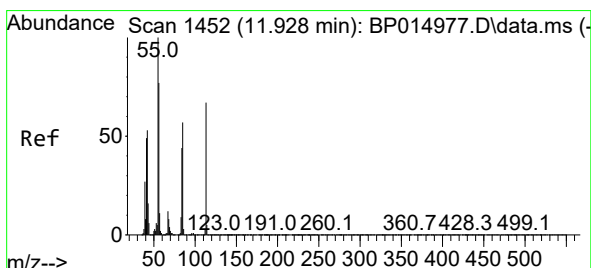
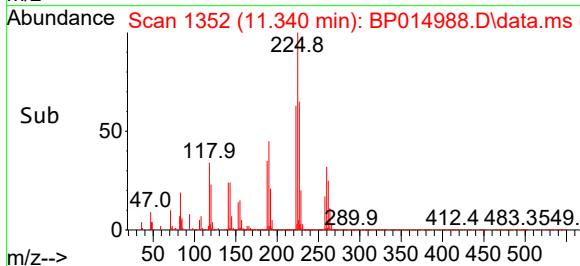
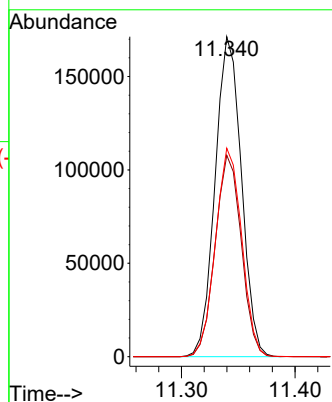
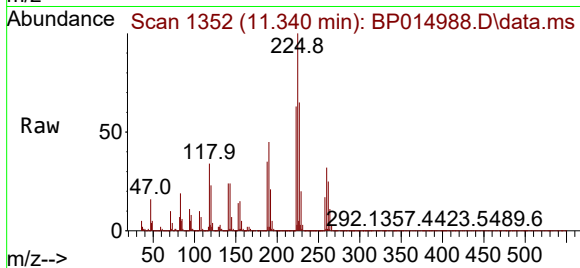
Tgt Ion:225 Resp: 275547

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

227 65.1 51.4 77.0



#34

Caprolactam

Concen: 14.542 ng/ul

RT: 11.946 min Scan# 1455

Delta R.T. 0.018 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

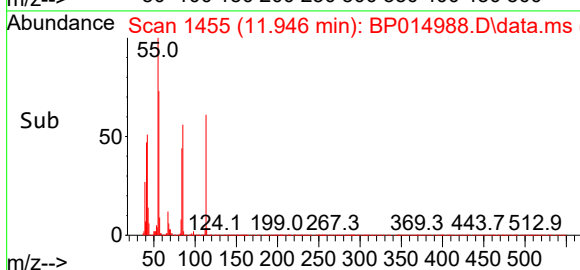
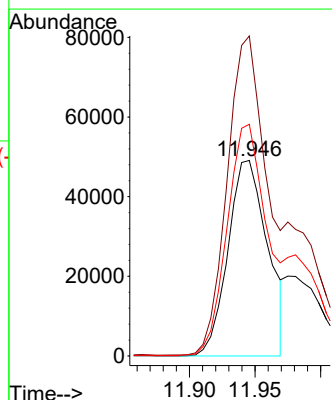
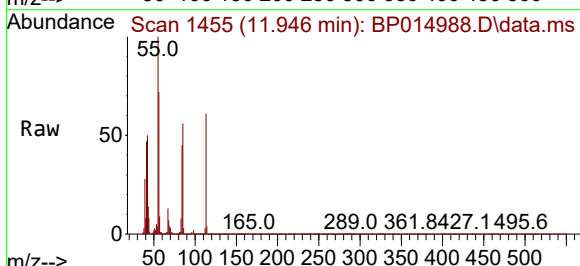
Tgt Ion:113 Resp: 102932

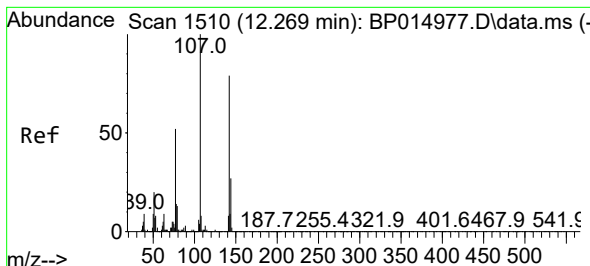
Ion Ratio Lower Upper

113 100

55 163.7 128.5 192.7

56 118.5 94.3 141.5

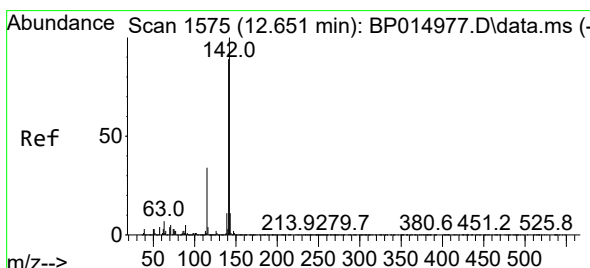
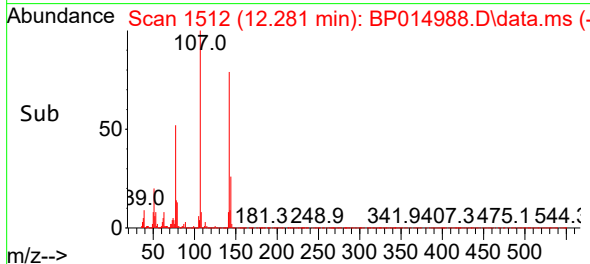
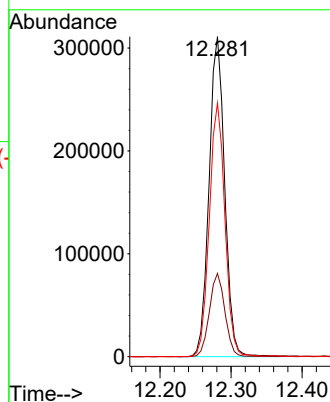
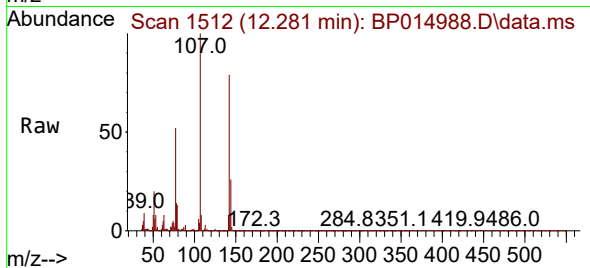




#35
4-Chloro-3-methylphenol
Concen: 20.192 ng/ul
RT: 12.281 min Scan# 1510
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

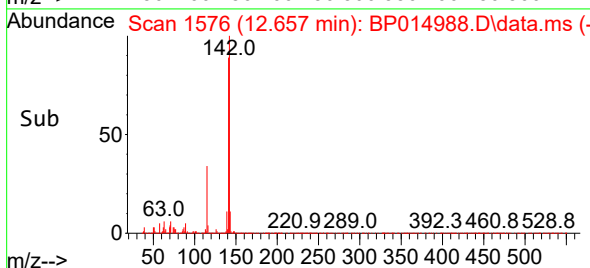
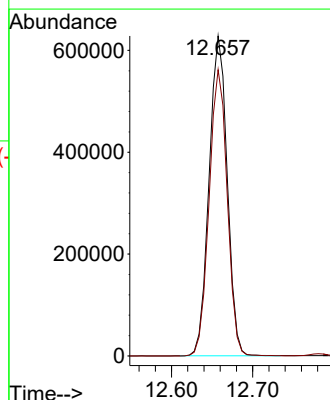
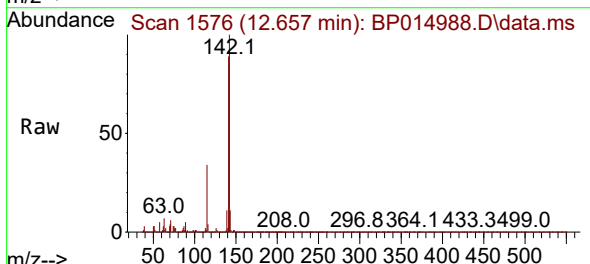
Instrument :
BNA_P
ClientSampleId :
SSTD020699

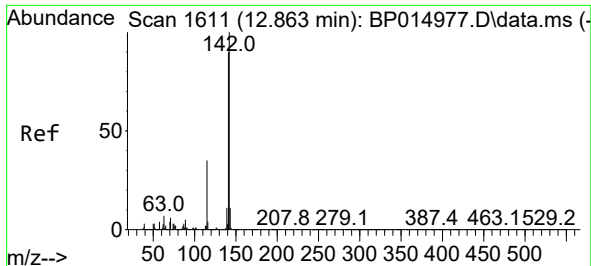
Tgt Ion:107 Resp: 476915
Ion Ratio Lower Upper
107 100
144 26.0 20.6 30.8
142 79.3 63.2 94.8



#36
2-Methylnaphthalene
Concen: 18.475 ng/ul
RT: 12.657 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:142 Resp: 972835
Ion Ratio Lower Upper
142 100
141 89.4 70.5 105.7

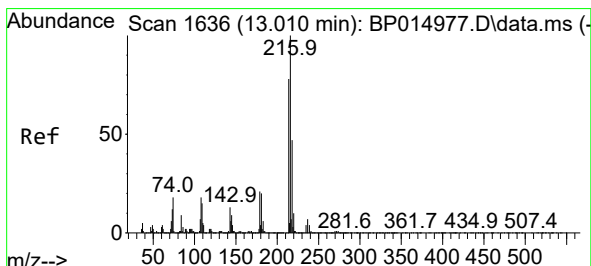
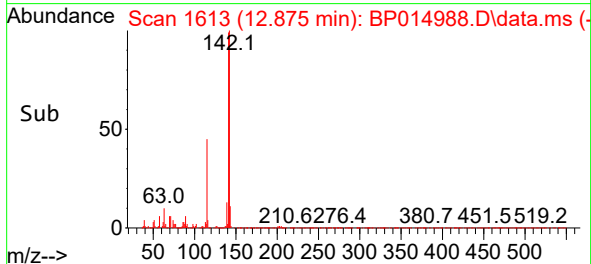
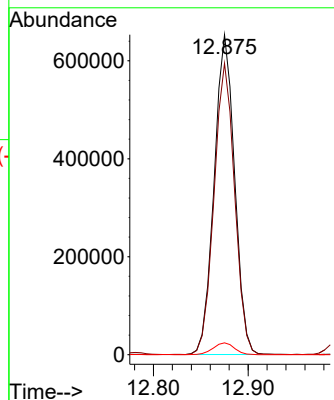
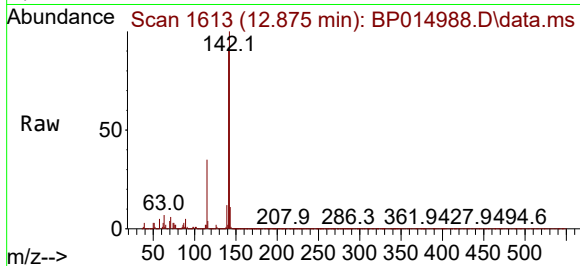




#37
1-Methylnaphthalene
Concen: 18.074 ng/ul
RT: 12.875 min Scan# 1613
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

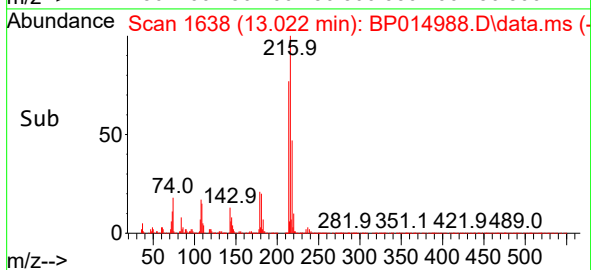
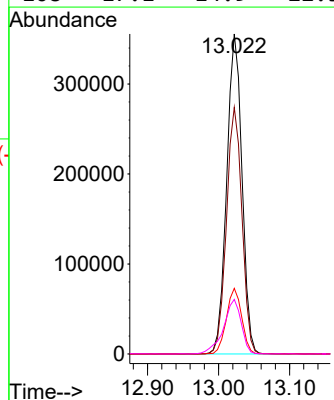
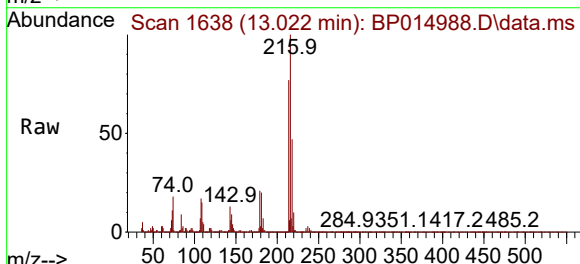
Instrument :
BNA_P
ClientSampleId :
SSTD020699

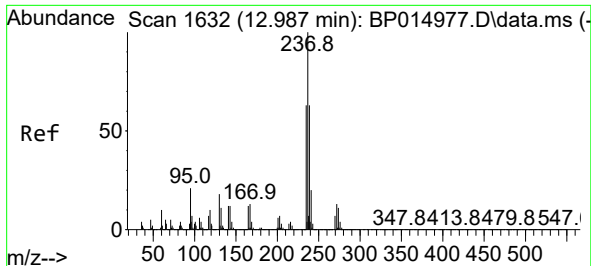
Tgt Ion:142 Resp: 981030
Ion Ratio Lower Upper
142 100
141 91.1 74.4 111.6
116 3.7 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.049 ng/ul
RT: 13.022 min Scan# 1638
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:216 Resp: 530378
Ion Ratio Lower Upper
216 100
214 77.1 63.0 94.4
179 20.5 16.9 25.3
108 17.1 14.9 22.3

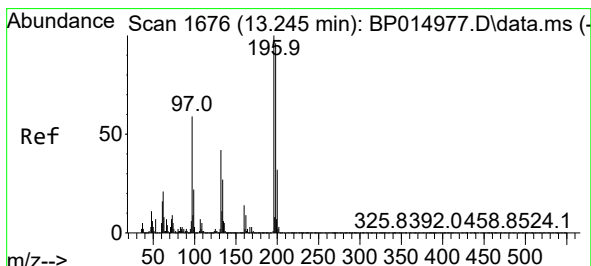
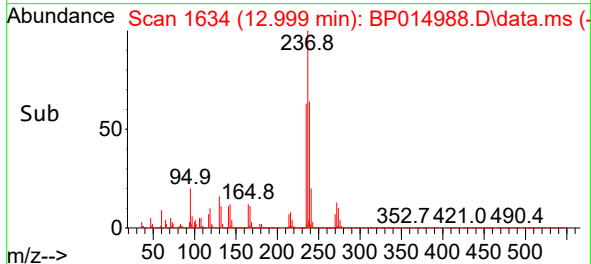
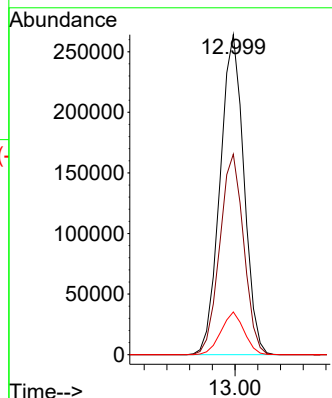
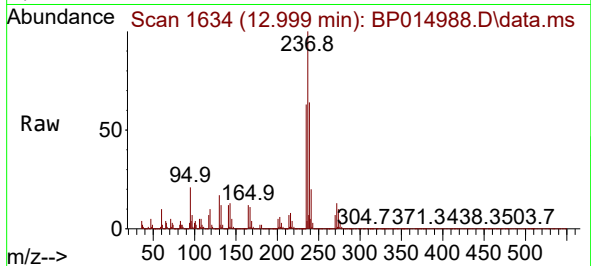




#40
Hexachlorocyclopentadiene
Concen: 19.438 ng/ul
RT: 12.999 min Scan# 1634
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

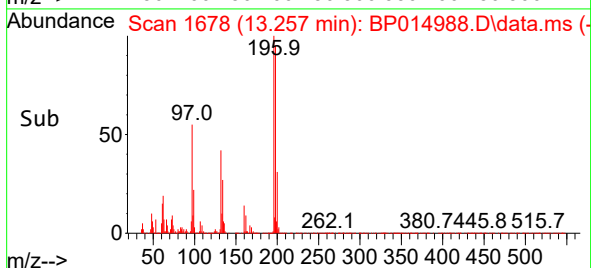
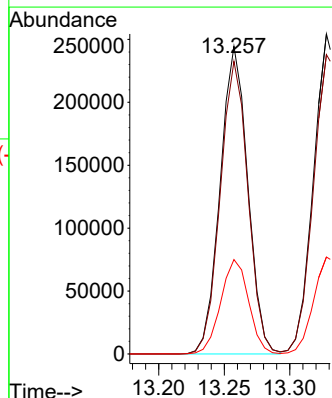
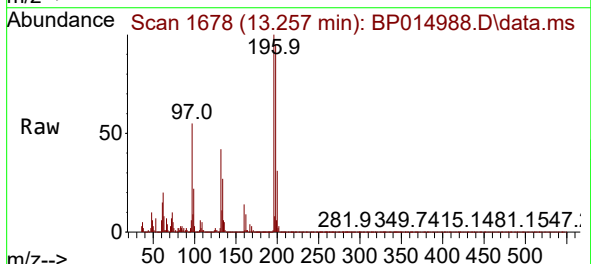
Instrument :
BNA_P
ClientSampleId :
SSTD020699

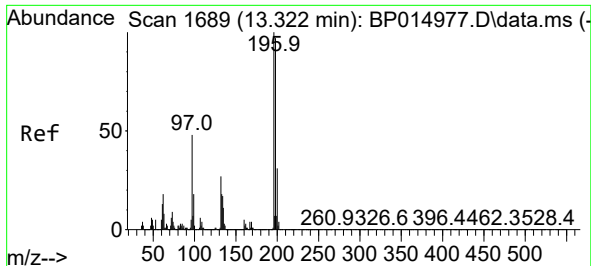
Tgt Ion:237 Resp: 385161
Ion Ratio Lower Upper
237 100
235 62.7 49.9 74.9
272 13.4 10.0 15.0



#41
2,4,6-Trichlorophenol
Concen: 19.776 ng/ul
RT: 13.257 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:196 Resp: 358080
Ion Ratio Lower Upper
196 100
198 95.1 76.8 115.2
200 30.7 24.6 36.8

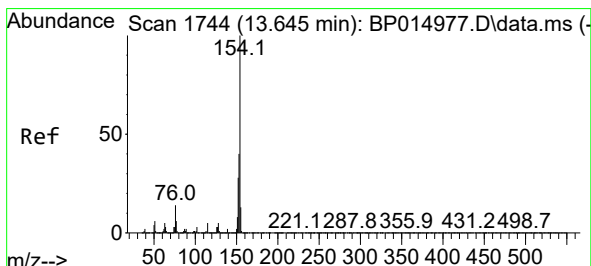
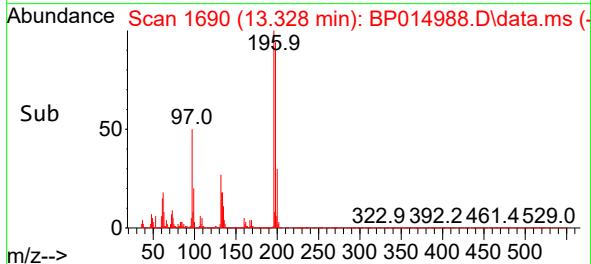
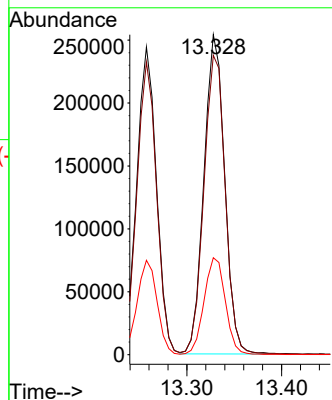
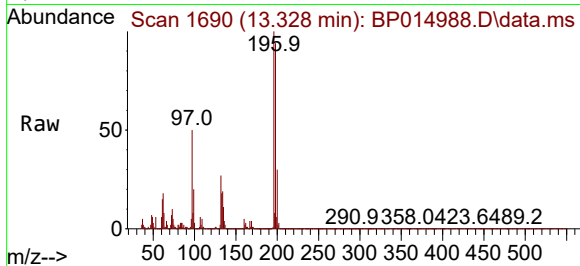




#42
2,4,5-Trichlorophenol
Concen: 19.805 ng/ul
RT: 13.328 min Scan# 1689
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

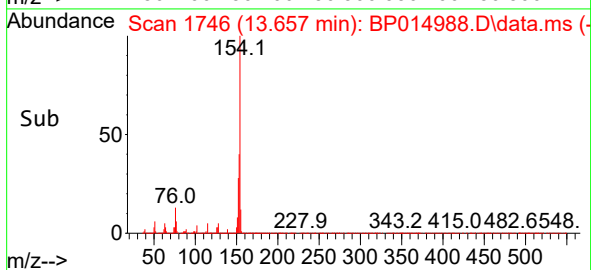
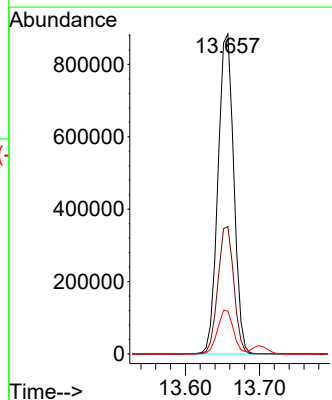
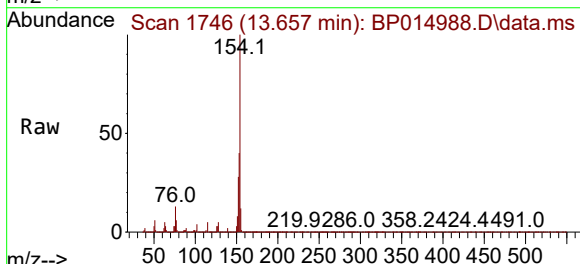
Instrument :
BNA_P
ClientSampleId :
SSTD020699

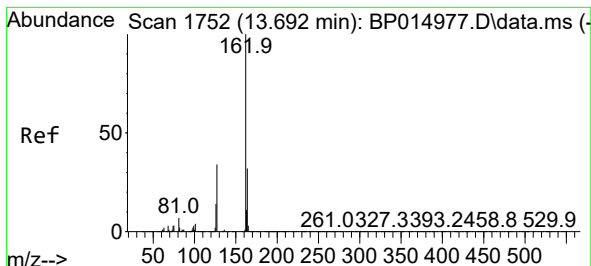
Tgt Ion:196 Resp: 386493
Ion Ratio Lower Upper
196 100
198 93.6 74.2 111.4
200 30.3 24.6 37.0



#43
1,1'-Biphenyl
Concen: 17.397 ng/ul
RT: 13.657 min Scan# 1746
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:154 Resp: 1310281
Ion Ratio Lower Upper
154 100
153 39.8 31.9 47.9
76 13.4 11.3 16.9

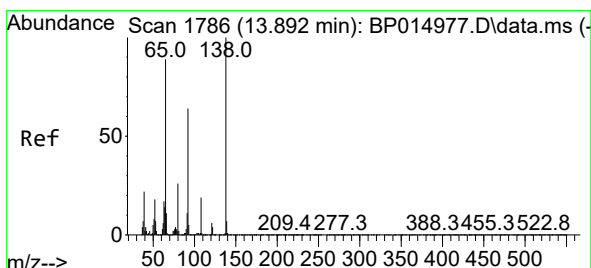
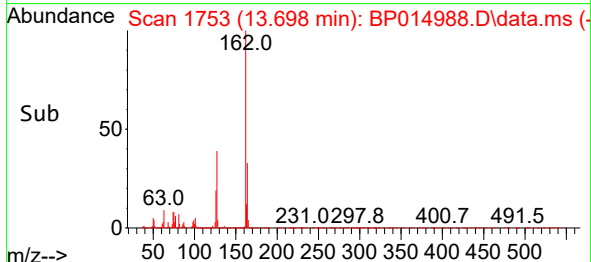
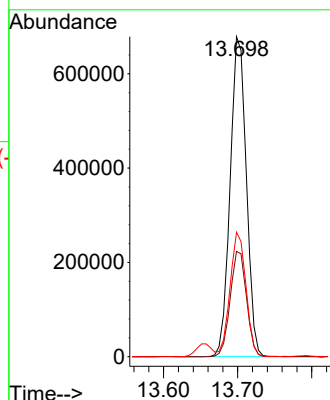
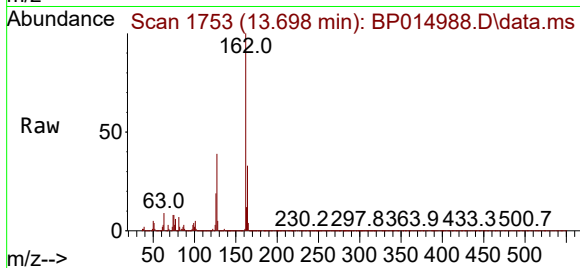




#44
2-Chloronaphthalene
Concen: 17.540 ng/ul
RT: 13.698 min Scan# 1752
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

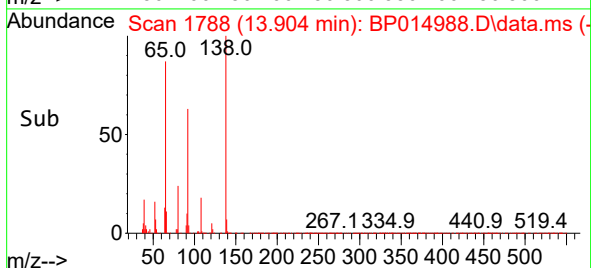
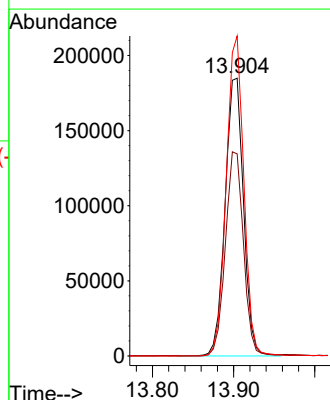
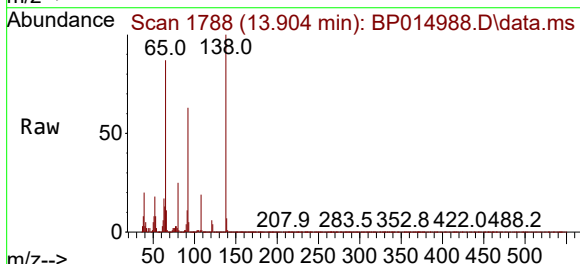
Instrument :
BNA_P
ClientSampleId :
SSTD020699

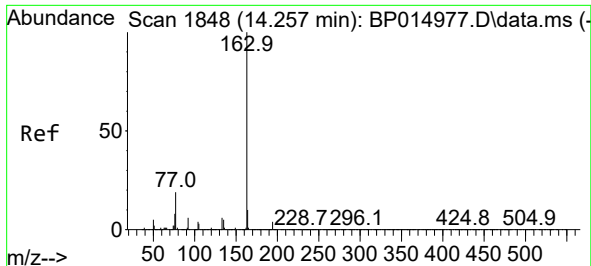
Tgt Ion:162 Resp: 1029026
Ion Ratio Lower Upper
162 100
164 32.9 26.3 39.5
127 38.9 30.4 45.6



#45
2-Nitroaniline
Concen: 21.324 ng/ul
RT: 13.904 min Scan# 1788
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion: 65 Resp: 291326
Ion Ratio Lower Upper
65 100
92 72.7 58.3 87.5
138 115.2 87.9 131.9

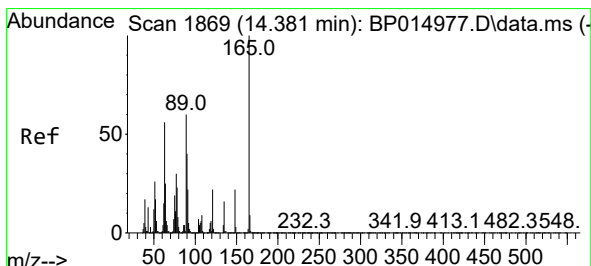
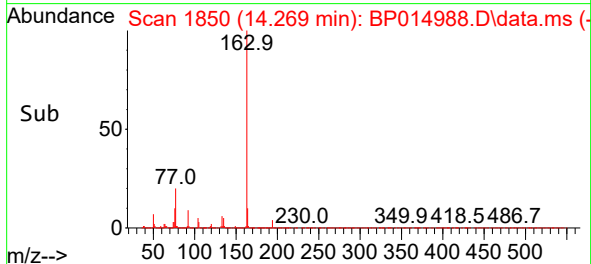
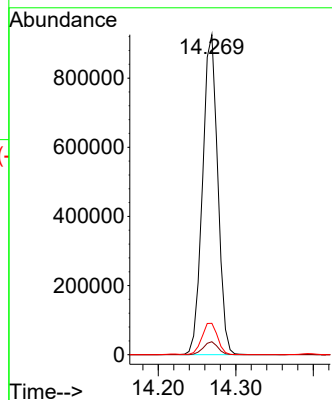
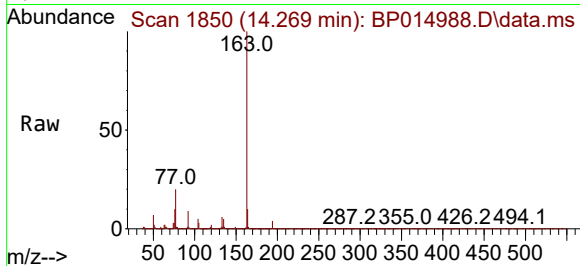




#47
Dimethylphthalate
Concen: 17.954 ng/ul
RT: 14.269 min Scan# 1850
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

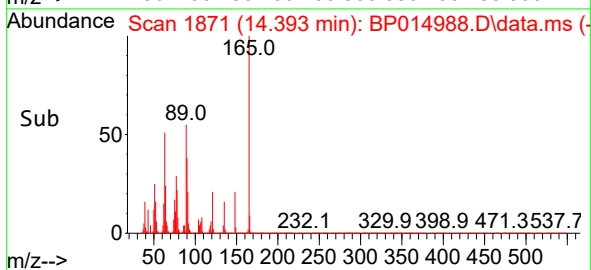
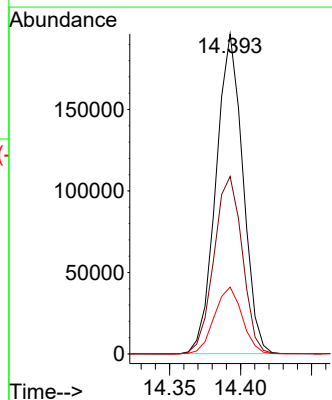
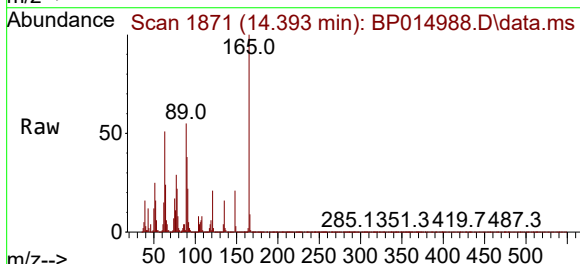
Instrument :
BNA_P
ClientSampleId :
SSTD020699

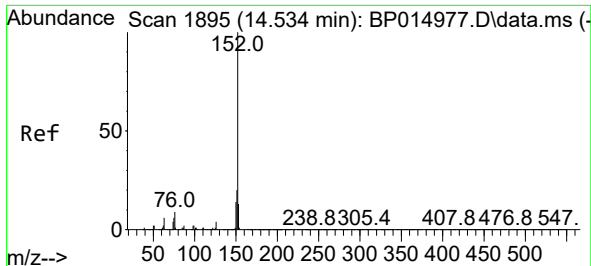
Tgt Ion:163 Resp: 1258707
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.8 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 20.840 ng/ul
RT: 14.393 min Scan# 1871
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:165 Resp: 258185
Ion Ratio Lower Upper
165 100
89 55.4 48.1 72.1
121 20.9 17.3 25.9

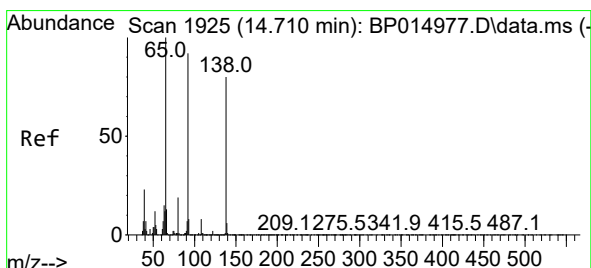
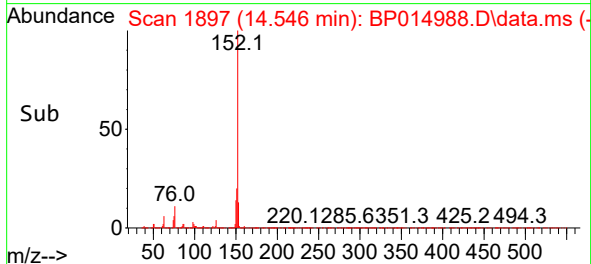
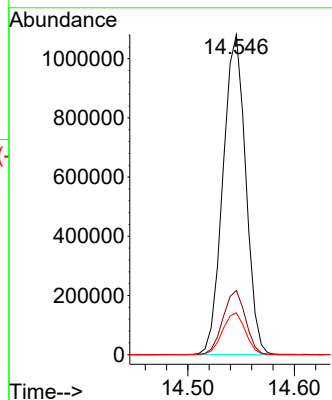
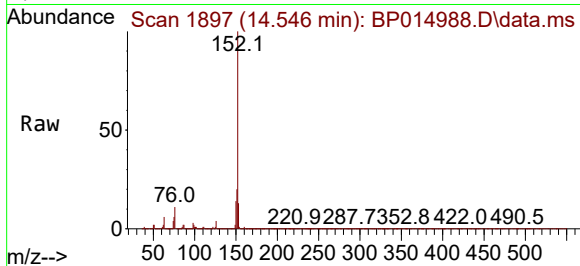




#50
Acenaphthylene
Concen: 17.680 ng/ul
RT: 14.546 min Scan# 1897
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

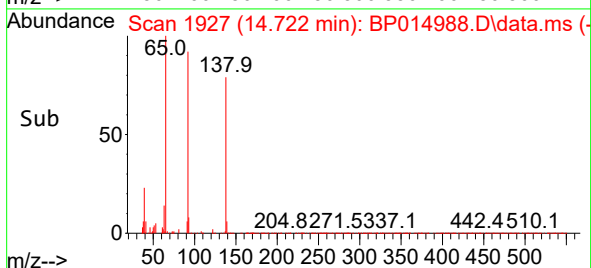
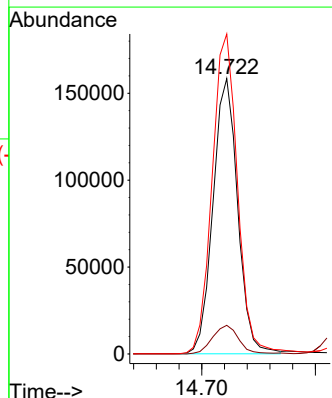
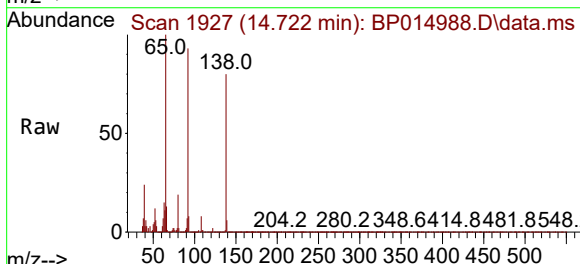
Instrument :
BNA_P
ClientSampleId :
SSTD020699

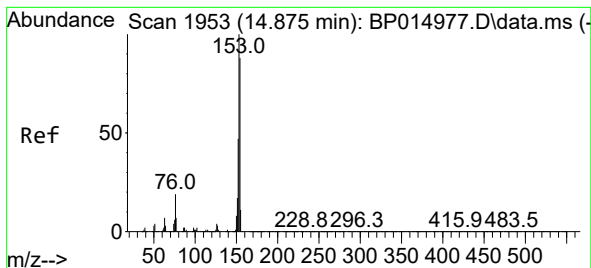
Tgt Ion:152 Resp: 1602787
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.4 15.6



#51
3-Nitroaniline
Concen: 21.307 ng/ul
RT: 14.722 min Scan# 1927
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:138 Resp: 238846
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 116.2 95.8 143.6





#52

Acenaphthene

Concen: 17.366 ng/ul

RT: 14.881 min Scan# 1954

Delta R.T. 0.006 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

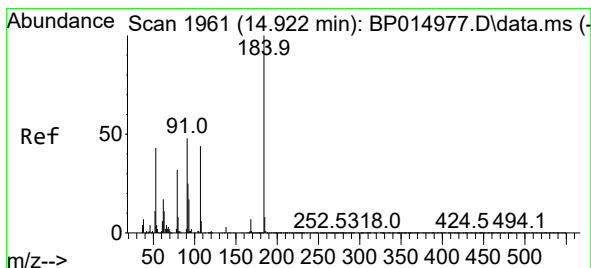
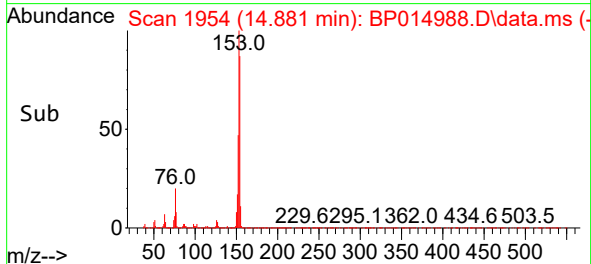
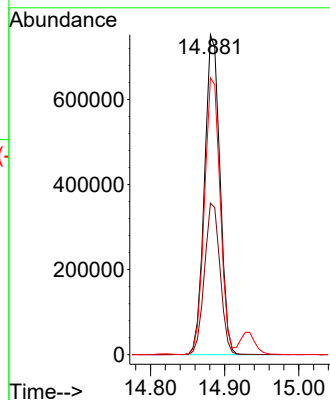
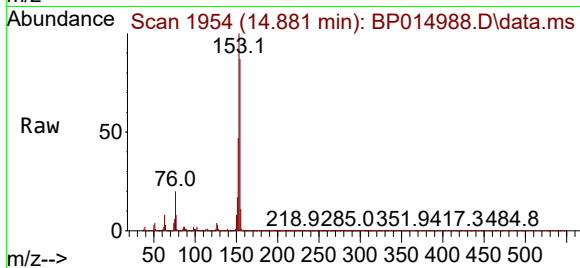
Tgt Ion:153 Resp: 1089434

Ion Ratio Lower Upper

153 100

152 47.4 38.8 58.2

154 86.5 69.6 104.4



#53

2,4-Dinitrophenol

Concen: 17.007 ng/ul

RT: 14.934 min Scan# 1963

Delta R.T. 0.012 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

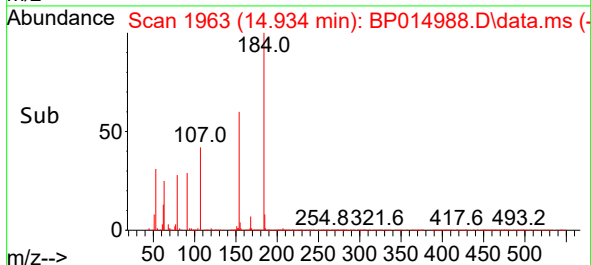
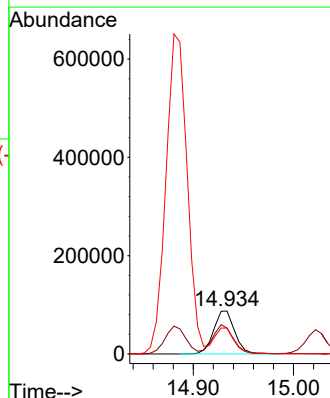
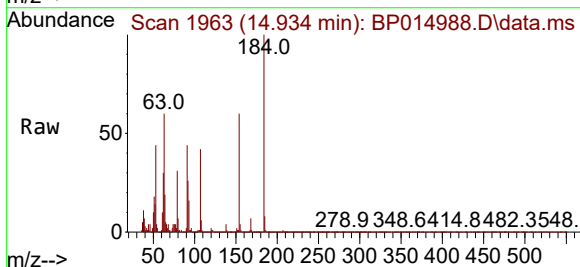
Tgt Ion:184 Resp: 128236

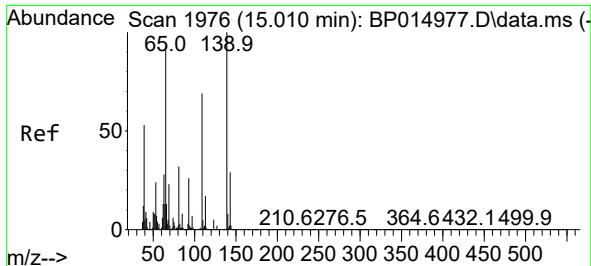
Ion Ratio Lower Upper

184 100

63 59.9 56.3 84.5

154 60.3 48.9 73.3

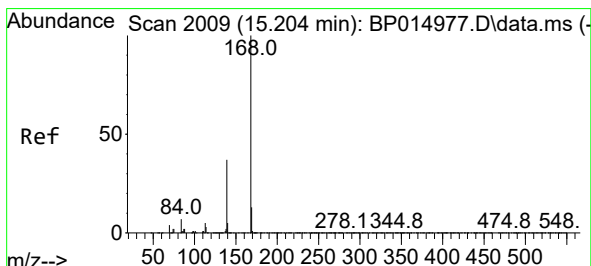
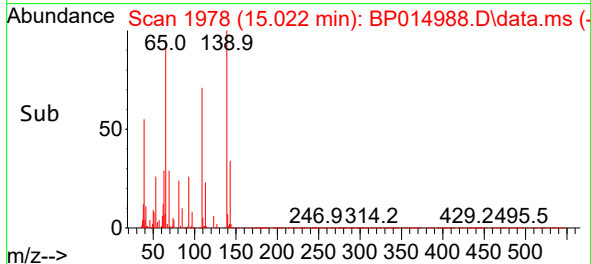
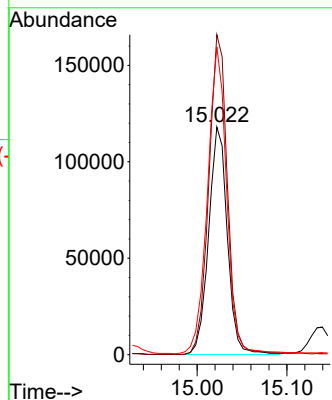
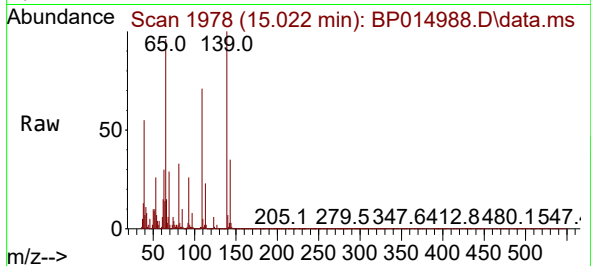




#55
4-Nitrophenol
Concen: 19.376 ng/ul
RT: 15.022 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

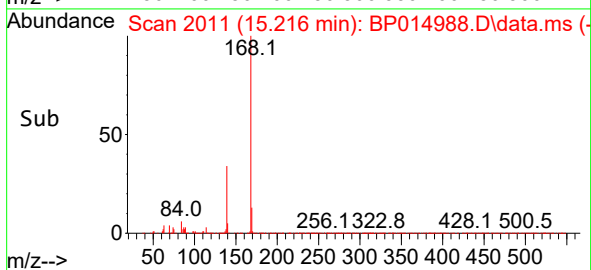
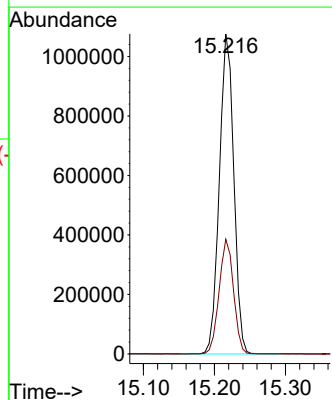
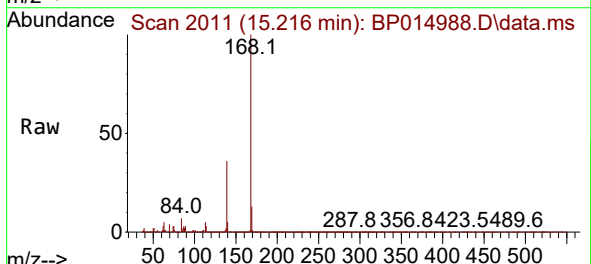
Instrument :
BNA_P
ClientSampleId :
SSTD020699

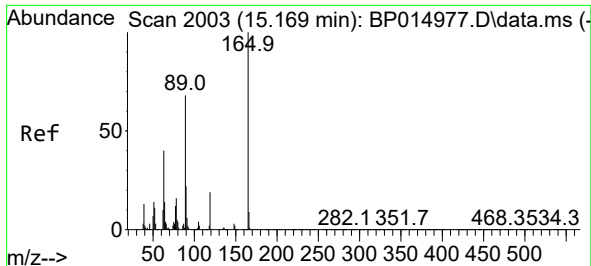
Tgt Ion:109 Resp: 171073
Ion Ratio Lower Upper
109 100
139 140.5 115.1 172.7
65 135.1 110.6 166.0



#56
Dibenzofuran
Concen: 17.860 ng/ul
RT: 15.216 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:168 Resp: 1511799
Ion Ratio Lower Upper
168 100
139 35.8 28.6 42.8





#57

2,4-Dinitrotoluene

Concen: 20.595 ng/ul

RT: 15.181 min Scan# 2005

Delta R.T. 0.012 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

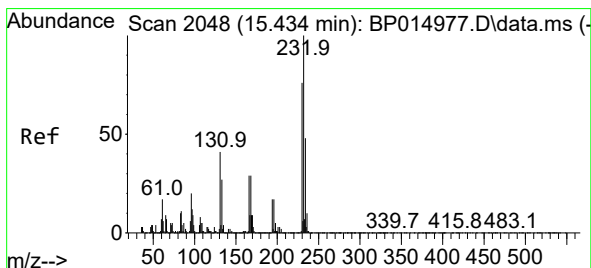
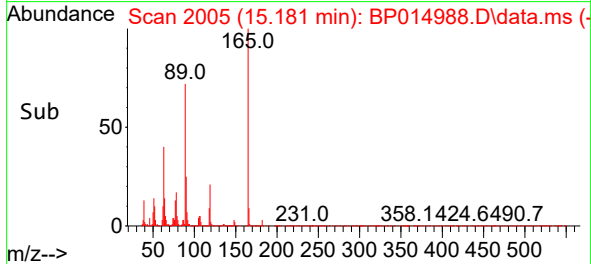
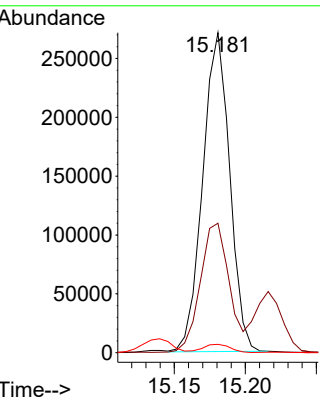
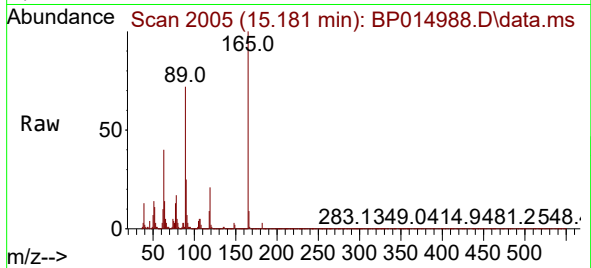
Tgt Ion:165 Resp: 357376

Ion Ratio Lower Upper

165 100

63 40.5 35.7 53.5

182 2.6 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.183 ng/ul

RT: 15.440 min Scan# 2049

Delta R.T. 0.006 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Tgt Ion:232 Resp: 320553

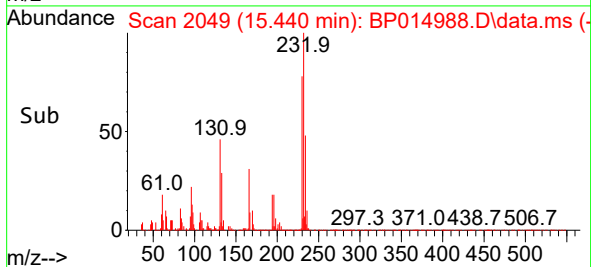
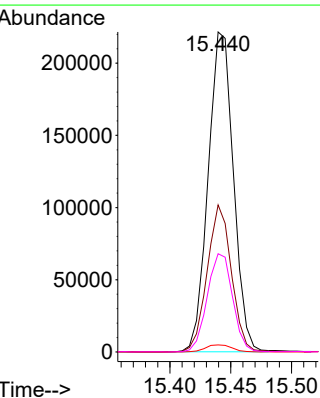
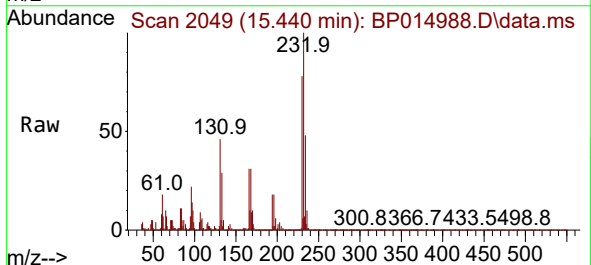
Ion Ratio Lower Upper

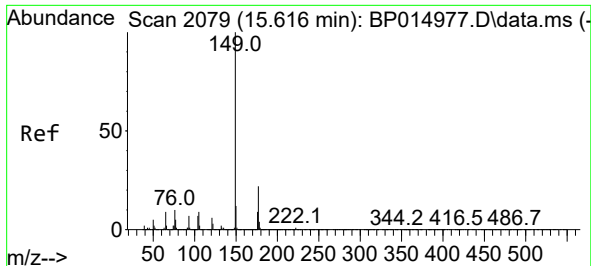
232 100

131 46.0 38.2 57.4

130 2.2 2.1 3.1

166 30.7 26.6 39.8

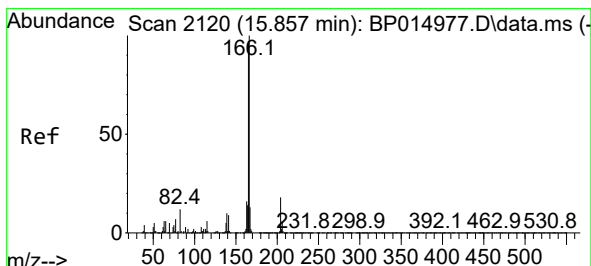
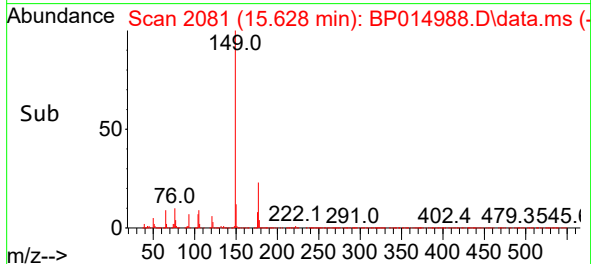
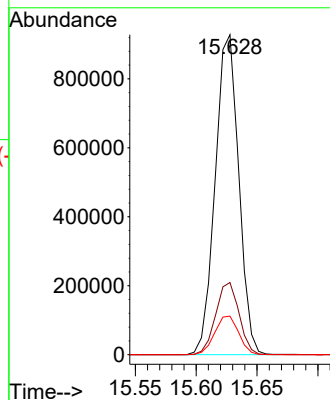
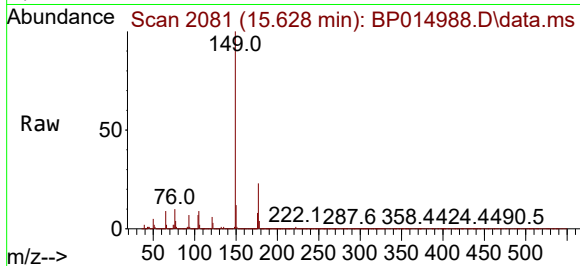




#59
Diethylphthalate
Concen: 18.851 ng/ul
RT: 15.628 min Scan# 2079
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

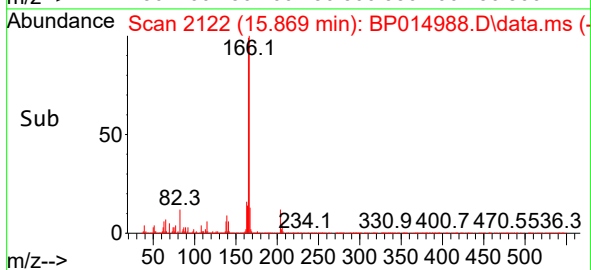
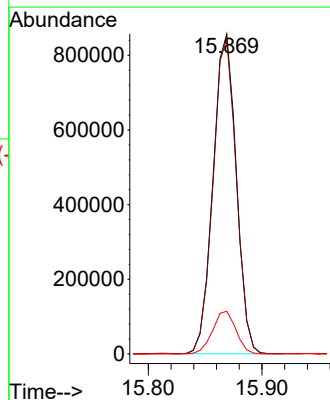
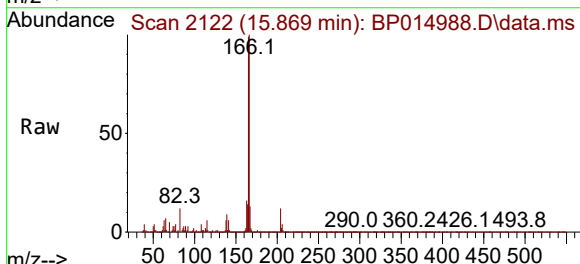
Instrument :
BNA_P
ClientSampleId :
SSTD020699

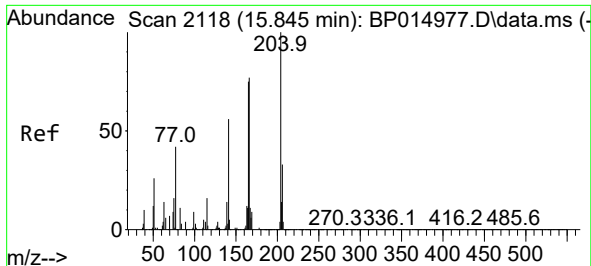
Tgt Ion:149 Resp: 1248801
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.1 9.6 14.4



#61
Fluorene
Concen: 18.221 ng/ul
RT: 15.869 min Scan# 2122
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:166 Resp: 1216677
Ion Ratio Lower Upper
166 100
165 98.5 79.3 118.9
167 13.3 10.7 16.1

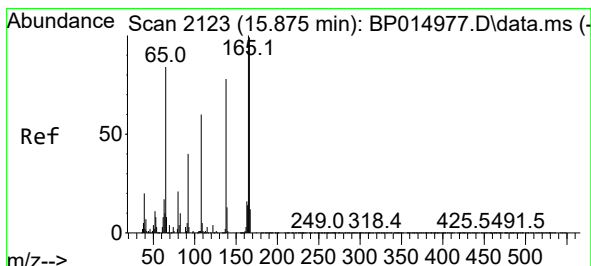
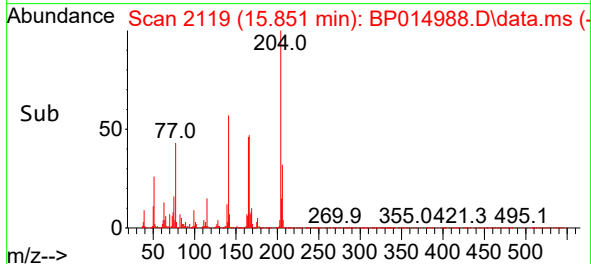
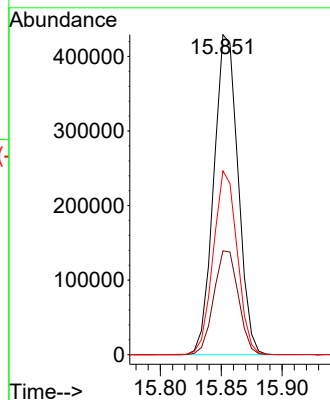
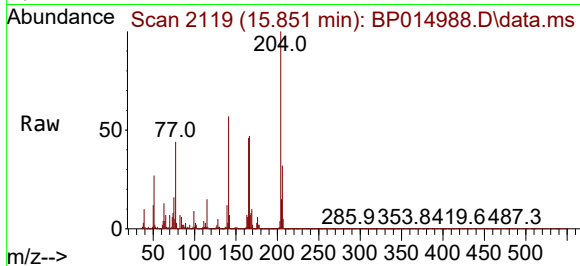




#62
4-Chlorophenyl-phenylether
Concen: 18.240 ng/ul
RT: 15.851 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

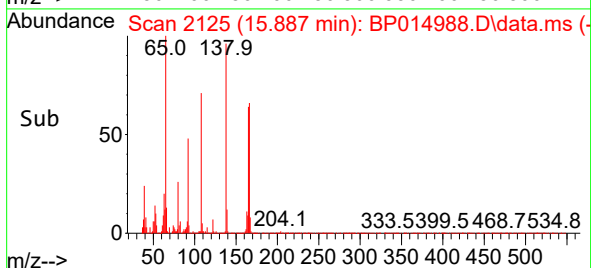
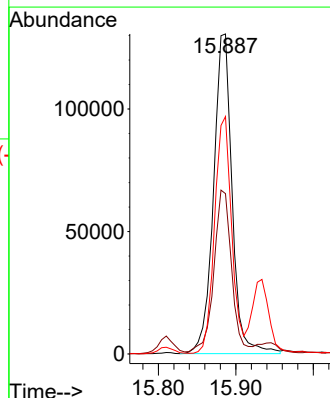
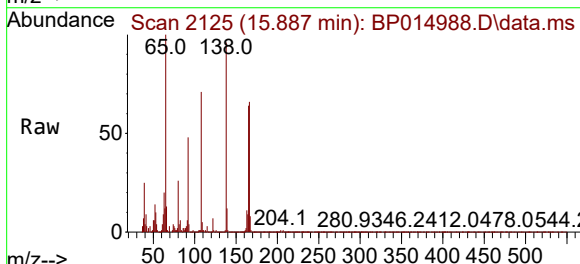
Instrument :
BNA_P
ClientSampleId :
SSTD020699

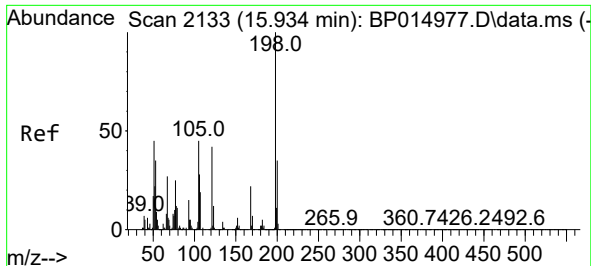
Tgt Ion:204 Resp: 596020
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 57.4 46.8 70.2



#63
4-Nitroaniline
Concen: 23.252 ng/ul
RT: 15.887 min Scan# 2125
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:138 Resp: 217552
Ion Ratio Lower Upper
138 100
92 50.1 43.7 65.5
108 74.2 57.4 86.2

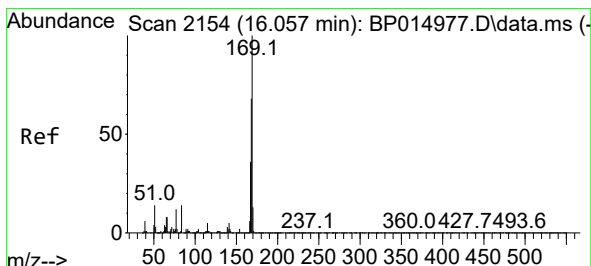
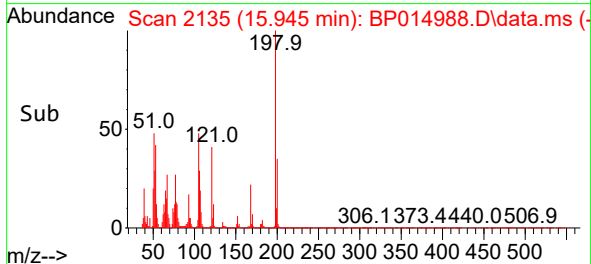
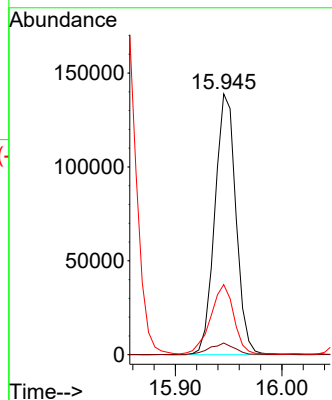
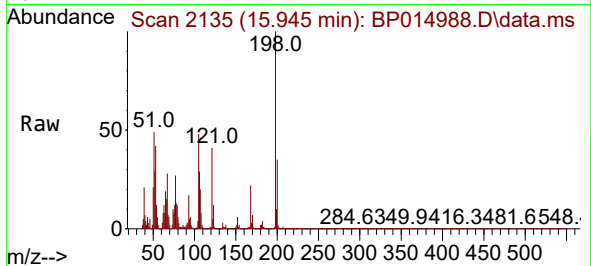




#66
4,6-Dinitro-2-methylphenol
Concen: 16.569 ng/ul
RT: 15.945 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

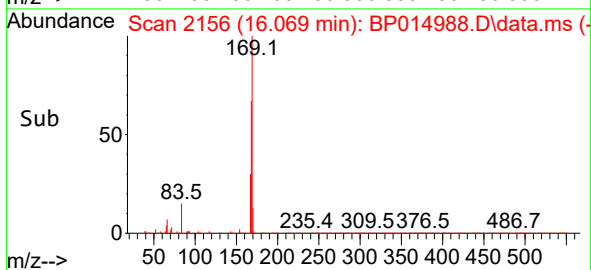
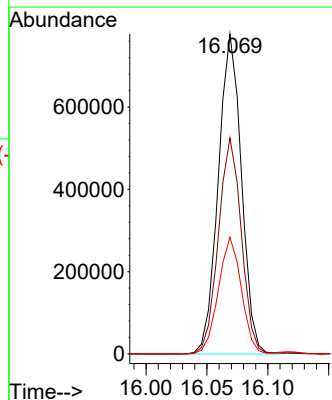
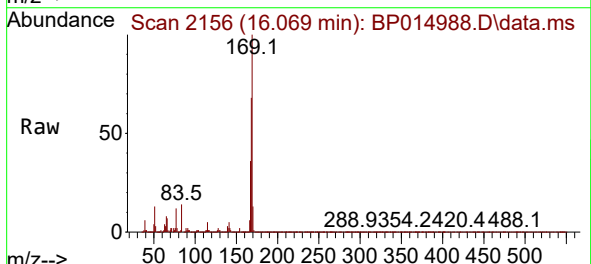
Instrument :
BNA_P
ClientSampleId :
SSTD020699

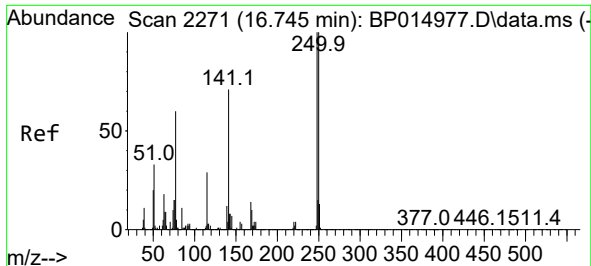
Tgt Ion:198 Resp: 190422
Ion Ratio Lower Upper
198 100
182 4.5 3.9 5.9
77 26.8 21.4 32.0



#67
N-Nitrosodiphenylamine
Concen: 17.586 ng/ul
RT: 16.069 min Scan# 2156
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:169 Resp: 1027317
Ion Ratio Lower Upper
169 100
168 67.5 53.5 80.3
167 36.5 29.3 43.9

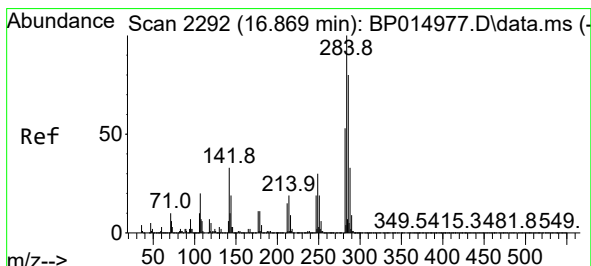
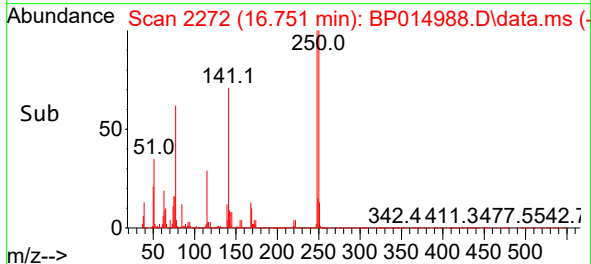
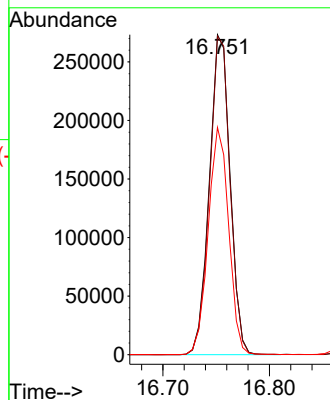
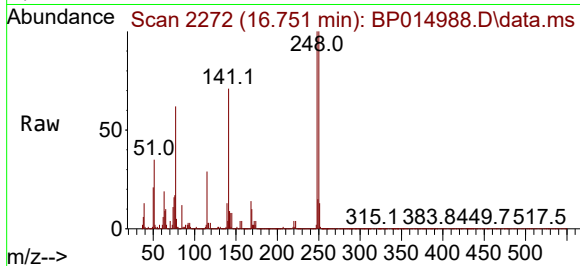




#68
4-Bromophenyl-phenylether
Concen: 18.486 ng/ul
RT: 16.751 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

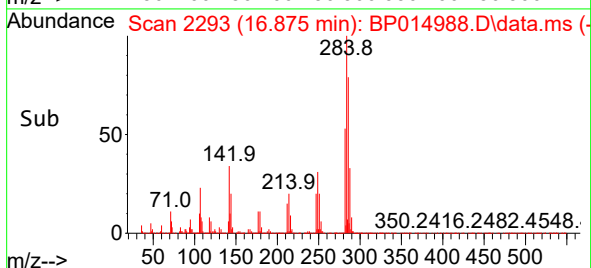
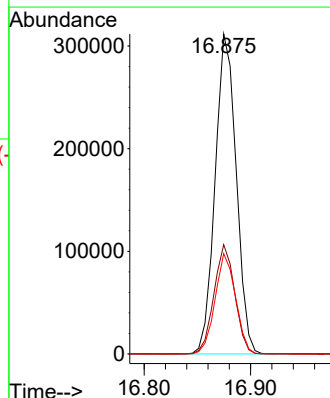
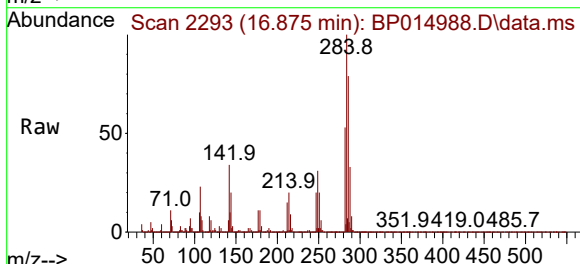
Instrument :
BNA_P
ClientSampleId :
SSTD020699

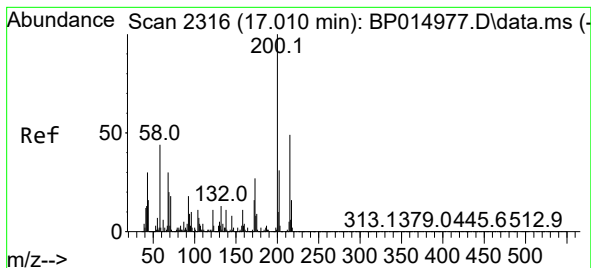
Tgt Ion:248 Resp: 370124
Ion Ratio Lower Upper
248 100
250 99.5 79.5 119.3
141 71.0 60.2 90.4



#69
Hexachlorobenzene
Concen: 18.157 ng/ul
RT: 16.875 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:284 Resp: 428226
Ion Ratio Lower Upper
284 100
142 34.1 30.2 45.2
249 31.3 24.5 36.7





#70

Atrazine

Concen: 19.035 ng/ul

RT: 17.022 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

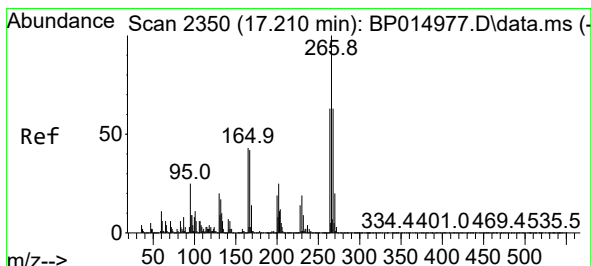
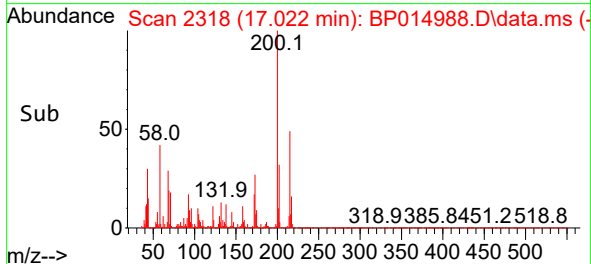
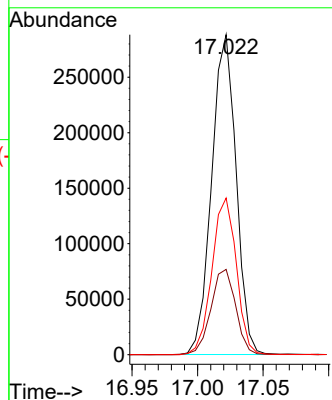
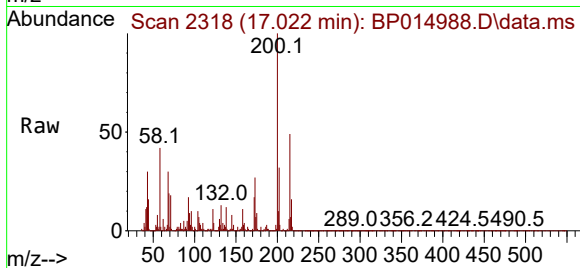
Tgt Ion:200 Resp: 374178

Ion Ratio Lower Upper

200 100

173 26.6 21.8 32.6

215 48.9 39.0 58.4



#71

Pentachlorophenol

Concen: 18.396 ng/ul

RT: 17.222 min Scan# 2352

Delta R.T. 0.012 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

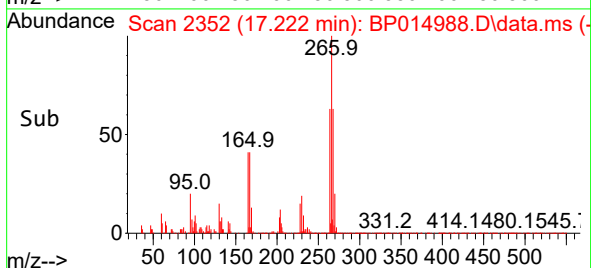
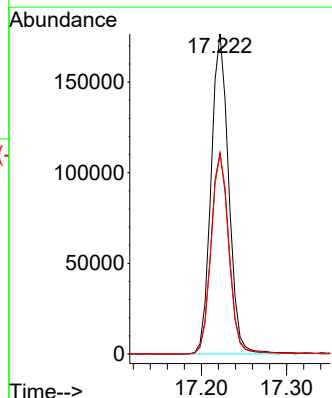
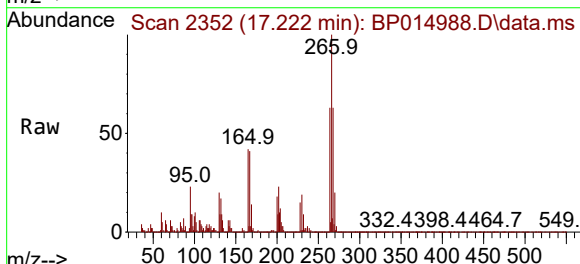
Tgt Ion:266 Resp: 253269

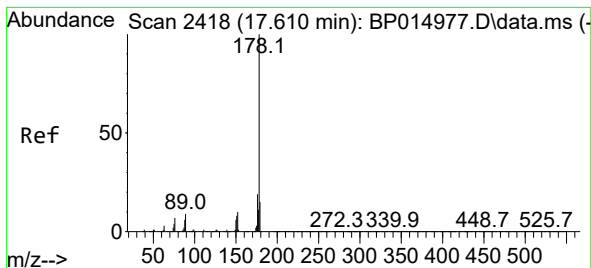
Ion Ratio Lower Upper

266 100

264 62.9 48.9 73.3

268 62.6 49.6 74.4





#72

Phenanthrene

Concen: 17.250 ng/ul

RT: 17.622 min Scan# 2418

Delta R.T. 0.012 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

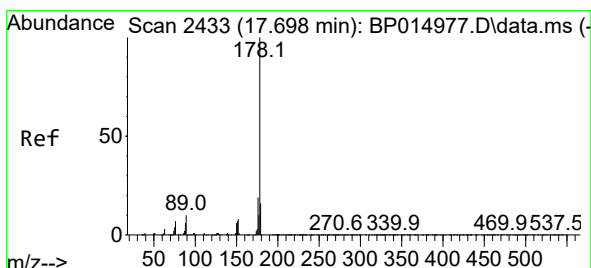
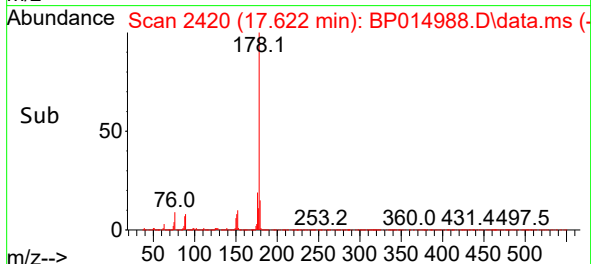
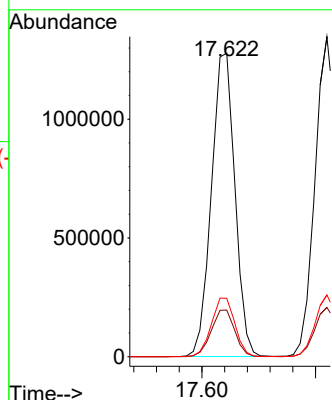
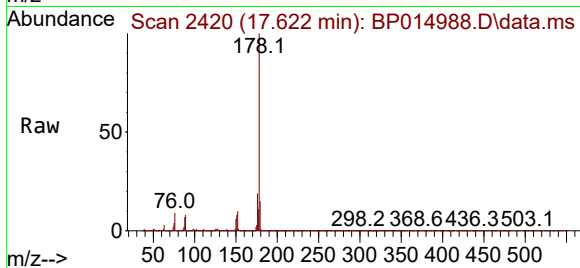
Tgt Ion:178 Resp: 1834170

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 19.3 15.4 23.0



#74

Anthracene

Concen: 17.584 ng/ul

RT: 17.710 min Scan# 2435

Delta R.T. 0.012 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

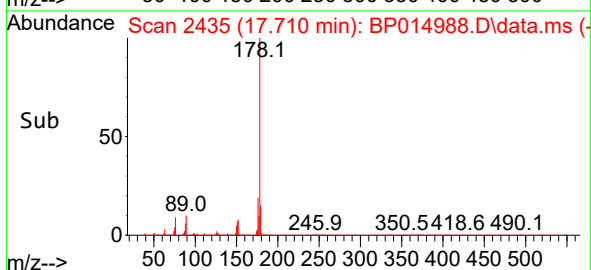
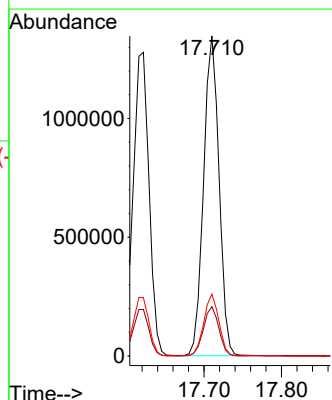
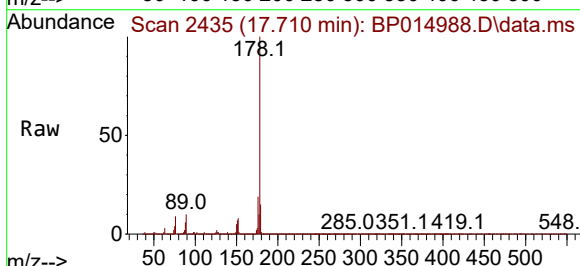
Tgt Ion:178 Resp: 1861512

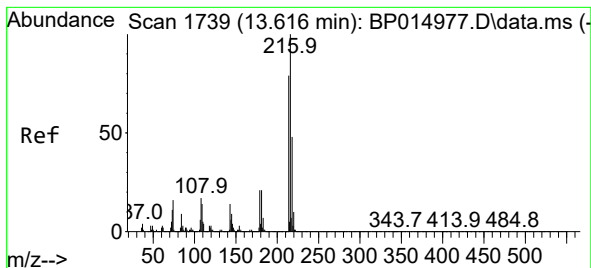
Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 19.3 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 16.819 ng/uL

RT: 13.622 min Scan# 1740

Delta R.T. 0.006 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

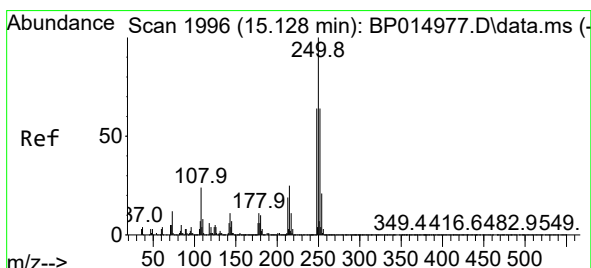
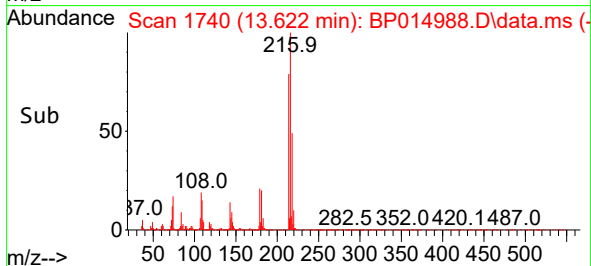
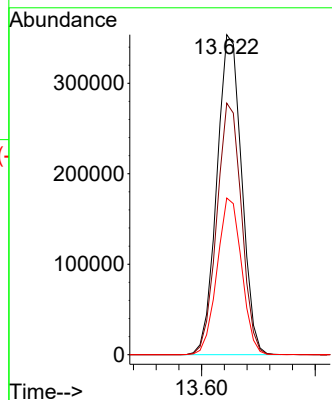
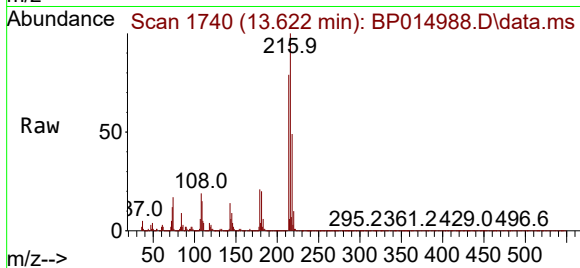
Tgt Ion:216 Resp: 535876

Ion Ratio Lower Upper

216 100

214 78.6 60.5 90.7

218 49.0 38.6 58.0



#76

Pentachlorobenzene

Concen: 17.258 ng/uL

RT: 15.140 min Scan# 1998

Delta R.T. 0.012 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

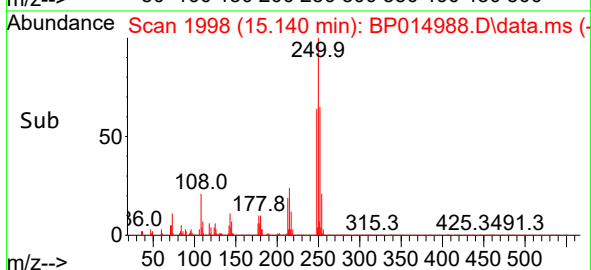
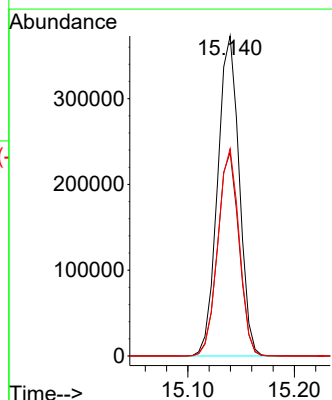
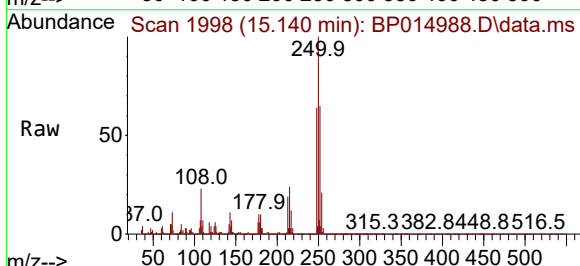
Tgt Ion:250 Resp: 523112

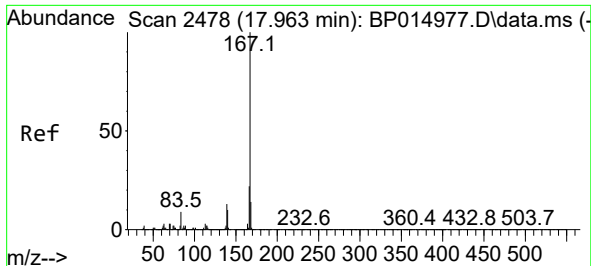
Ion Ratio Lower Upper

250 100

248 63.6 50.5 75.7

252 64.8 50.5 75.7

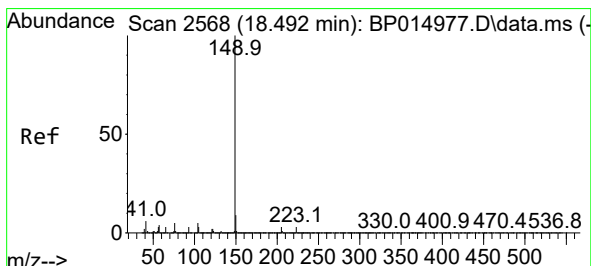
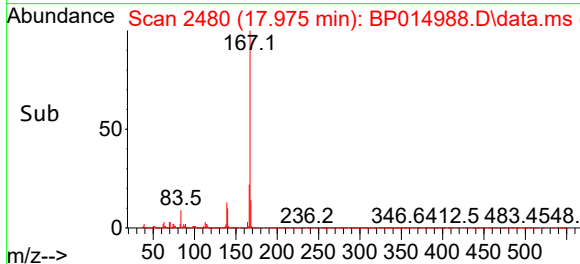
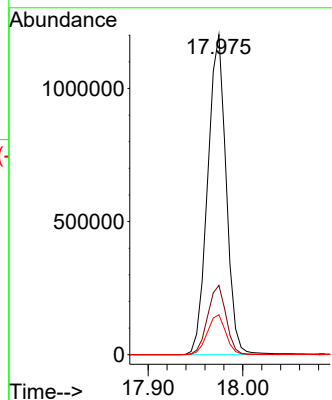
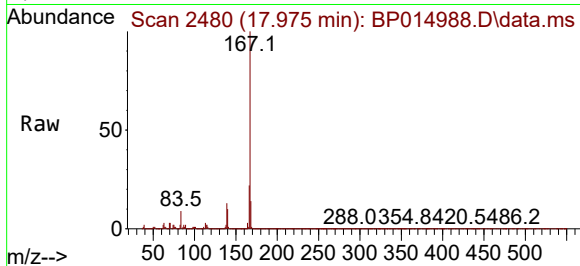




#77
Carbazole
Concen: 18.260 ng/ul
RT: 17.975 min Scan# 2478
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

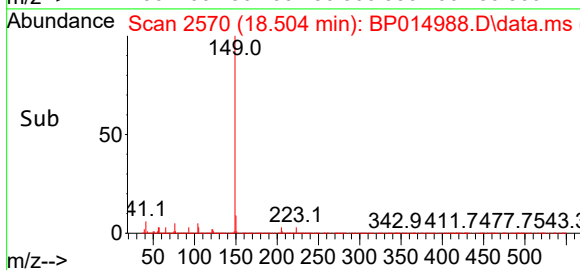
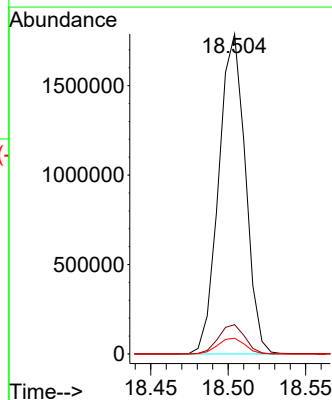
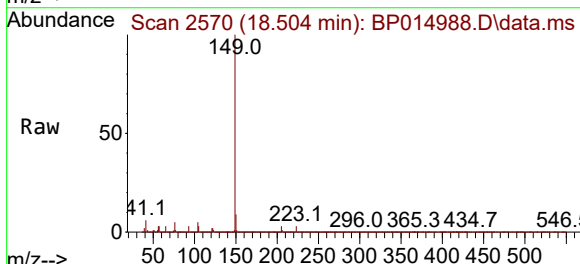
Instrument :
BNA_P
ClientSampleId :
SSTD020699

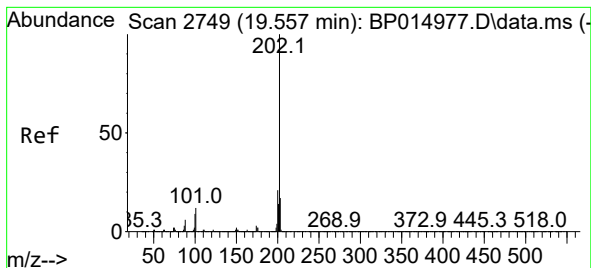
Tgt Ion:167 Resp: 1625865
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 12.5 10.1 15.1



#78
Di-n-butylphthalate
Concen: 21.461 ng/ul
RT: 18.504 min Scan# 2570
Delta R.T. 0.012 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:149 Resp: 2136820
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.9 4.1 6.1





#80

Fluoranthene

Concen: 20.832 ng/ul

RT: 19.569 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

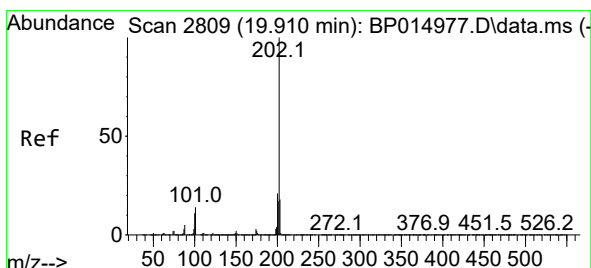
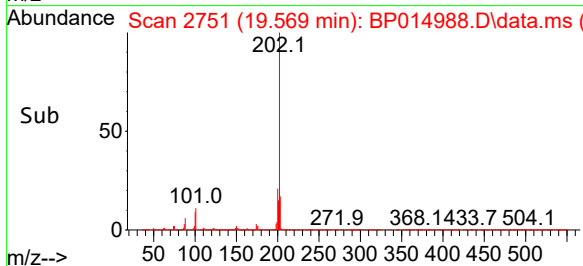
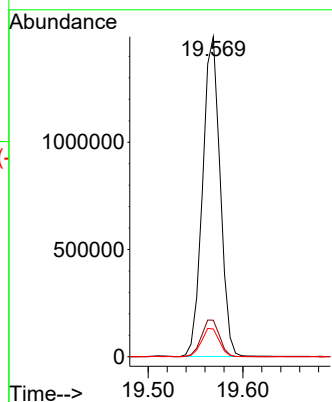
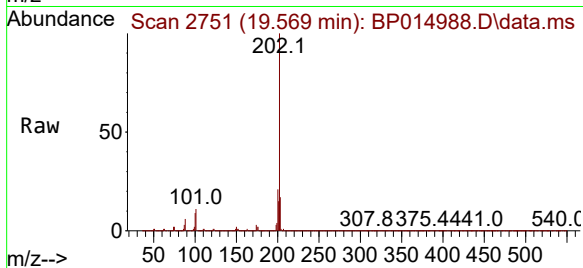
Tgt Ion:202 Resp: 1915549

Ion Ratio Lower Upper

202 100

101 11.4 10.1 15.1

100 8.7 7.7 11.5



#82

Pyrene

Concen: 19.475 ng/ul

RT: 19.922 min Scan# 2811

Delta R.T. 0.012 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

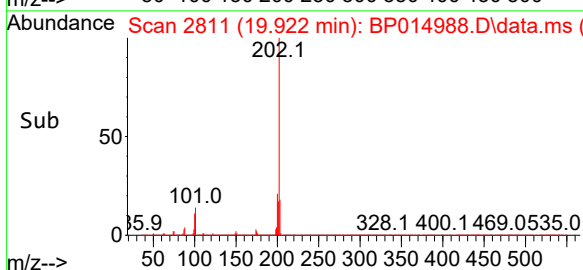
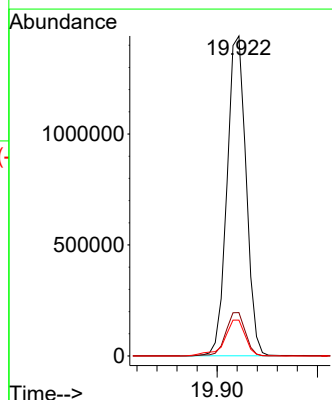
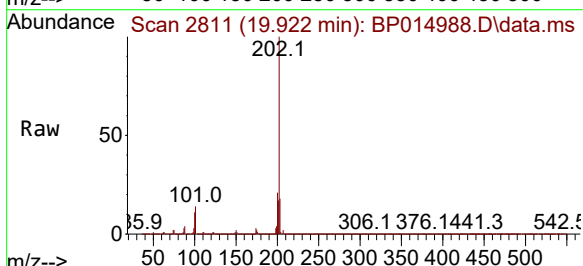
Tgt Ion:202 Resp: 1897304

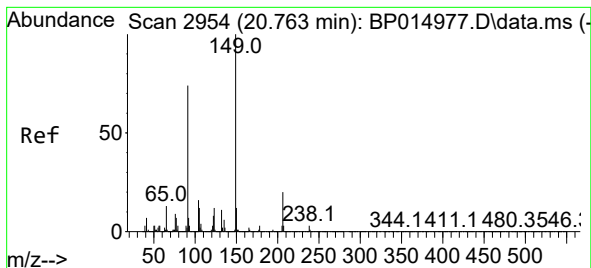
Ion Ratio Lower Upper

202 100

101 13.6 11.9 17.9

100 11.2 9.7 14.5





#83

Butylbenzylphthalate

Concen: 28.499 ng/ul

RT: 20.769 min Scan# 2954

Delta R.T. 0.006 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

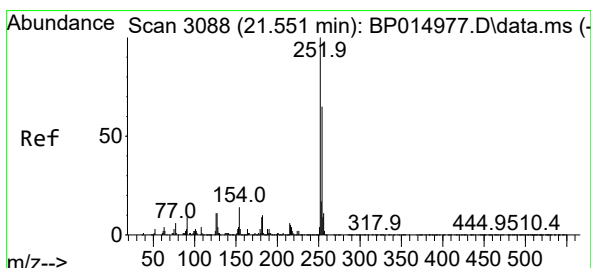
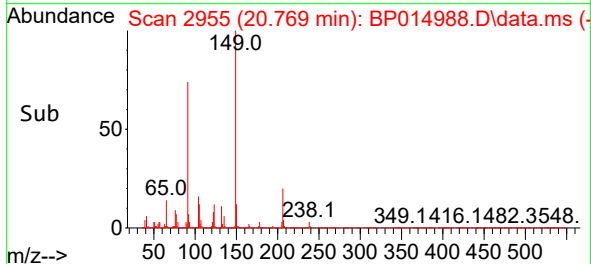
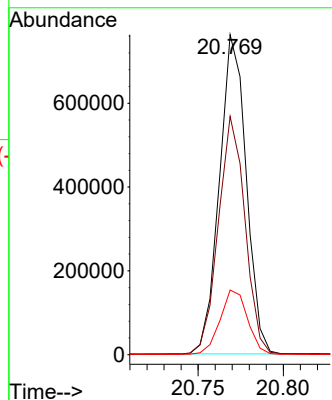
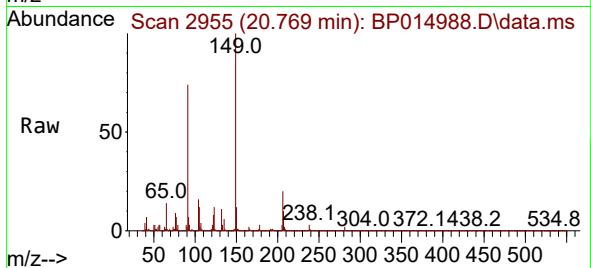
Tgt Ion:149 Resp: 833574

Ion Ratio Lower Upper

149 100

91 74.4 60.1 90.1

206 20.2 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 17.842 ng/ul

RT: 21.557 min Scan# 3089

Delta R.T. 0.006 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

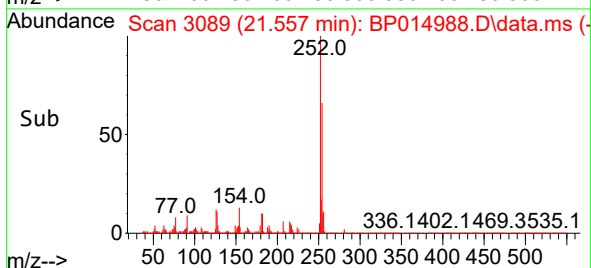
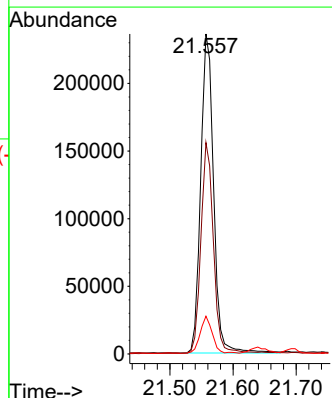
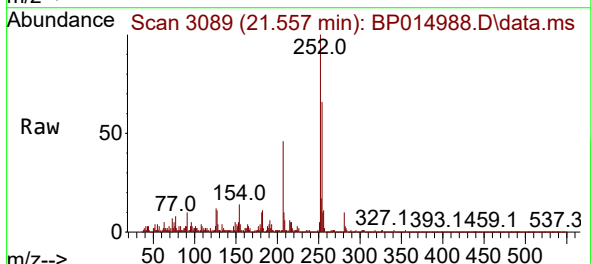
Tgt Ion:252 Resp: 333657

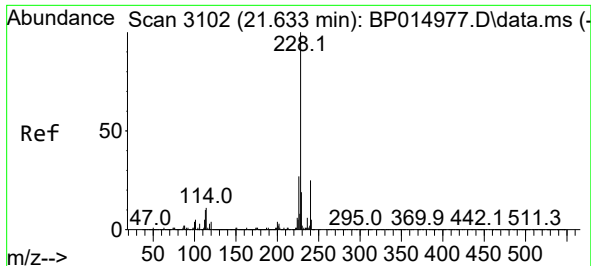
Ion Ratio Lower Upper

252 100

254 66.1 53.3 79.9

126 11.8 9.0 13.6

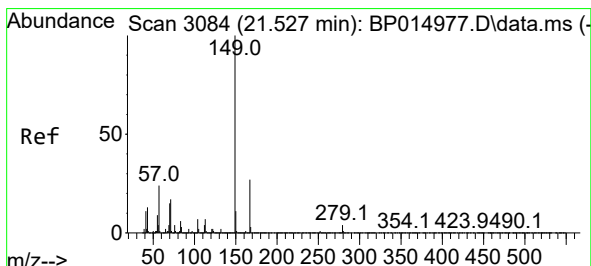
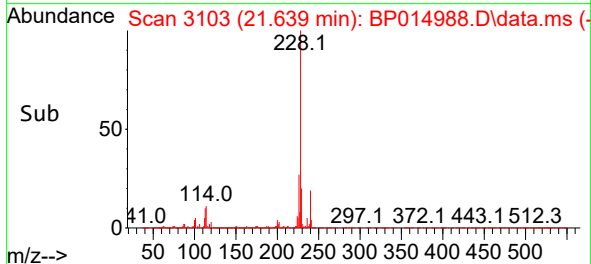
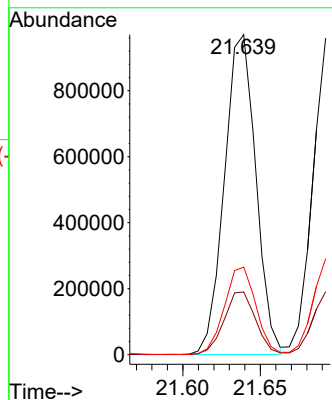
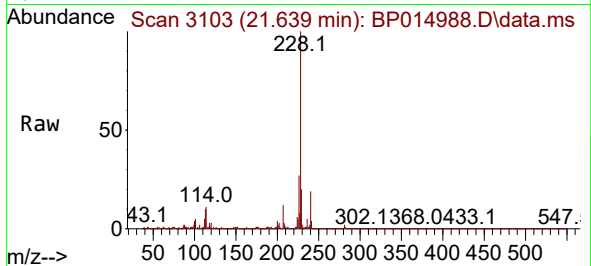




#85
Benzo(a)anthracene
Concen: 18.442 ng/ul
RT: 21.639 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

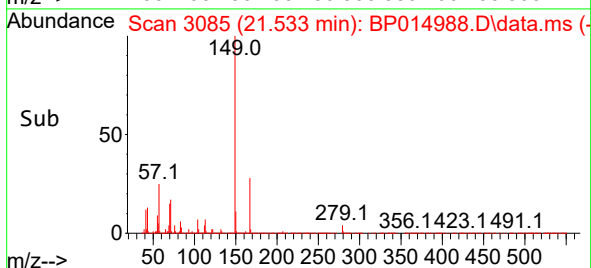
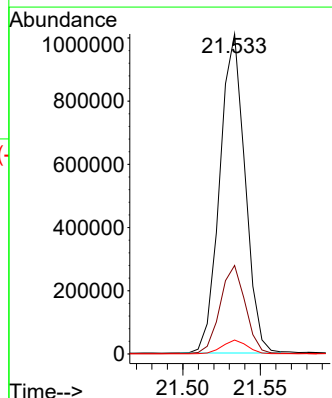
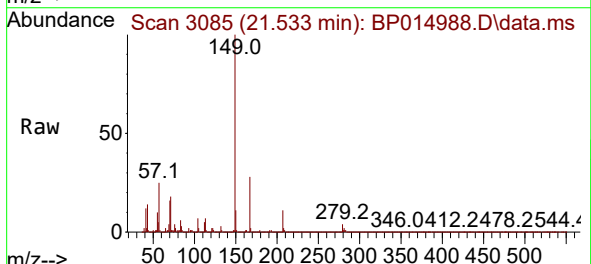
Instrument :
BNA_P
ClientSampleId :
SSTD020699

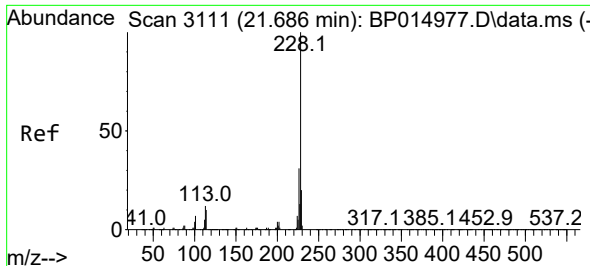
Tgt Ion:228 Resp: 1367661
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 27.3 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 31.090 ng/ul
RT: 21.533 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:149 Resp: 1144207
Ion Ratio Lower Upper
149 100
167 27.6 22.0 33.0
279 4.3 2.9 4.3#

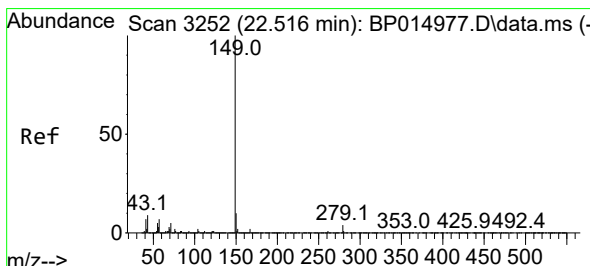
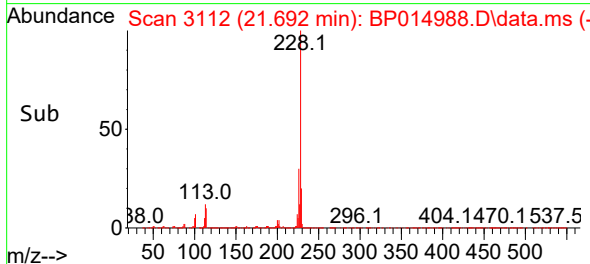
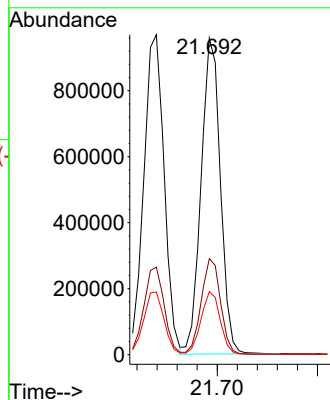
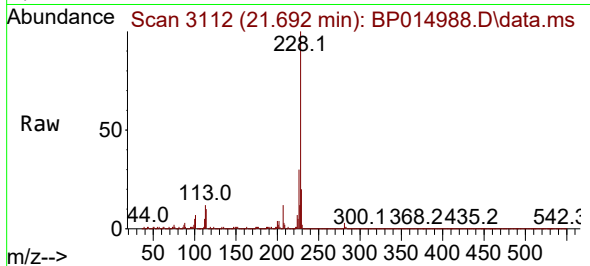




#87
Chrysene
Concen: 17.194 ng/ul
RT: 21.692 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

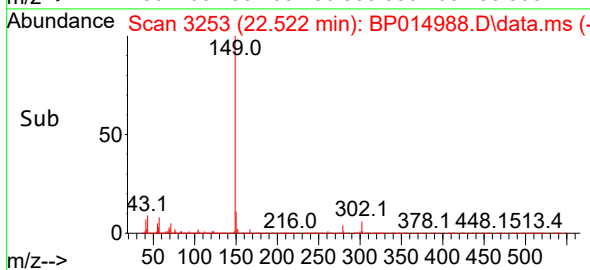
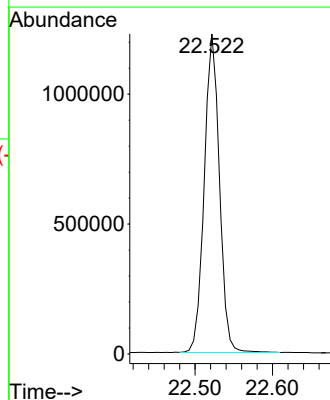
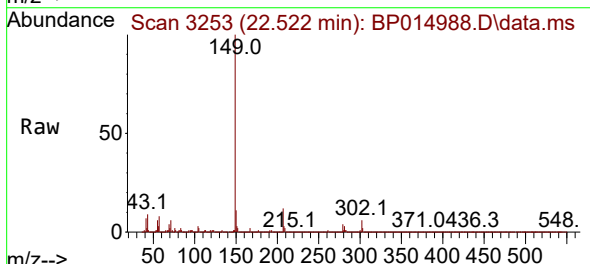
Instrument :
BNA_P
ClientSampleId :
SSTD020699

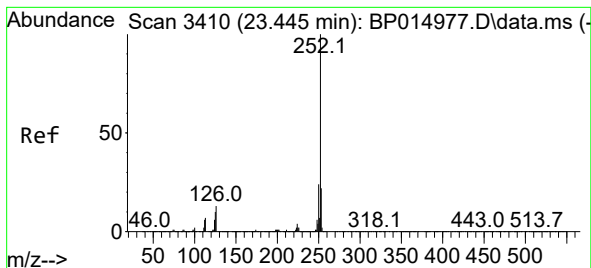
Tgt Ion:228 Resp: 1283898
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 19.9 15.8 23.8



#89
Di-n-octyl phthalate
Concen: 24.565 ng/ul
RT: 22.522 min Scan# 3253
Delta R.T. 0.006 min
Lab File: BP014988.D
Acq: 05 May 2023 17:57

Tgt Ion:149 Resp: 1666593





#90

Benzo(b)fluoranthene

Concen: 17.106 ng/ul

RT: 23.451 min Scan# 3410

Delta R.T. 0.006 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

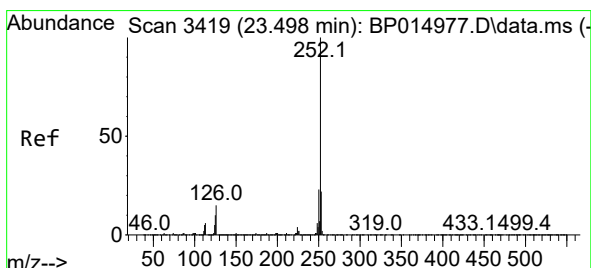
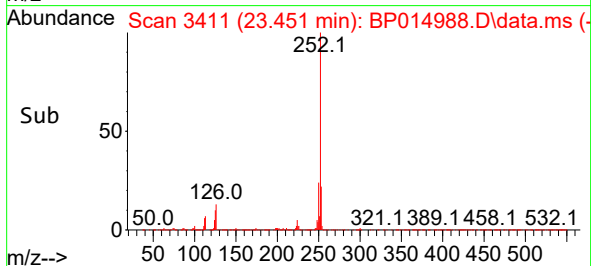
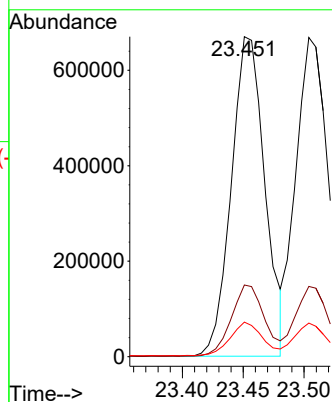
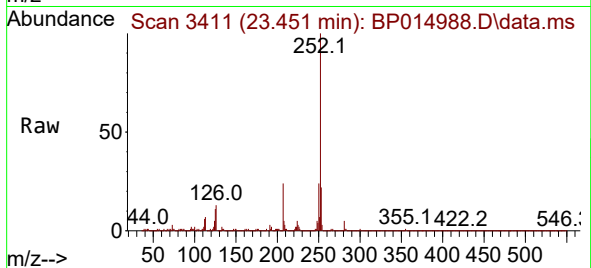
Tgt Ion:252 Resp: 1284567

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 10.8 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 16.199 ng/ul

RT: 23.504 min Scan# 3420

Delta R.T. 0.006 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

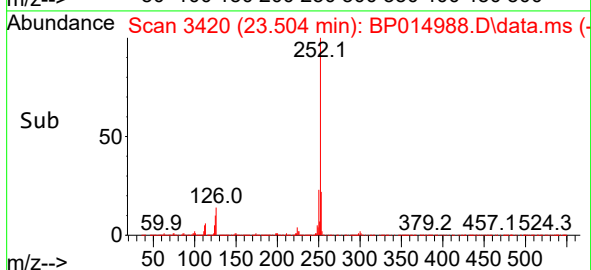
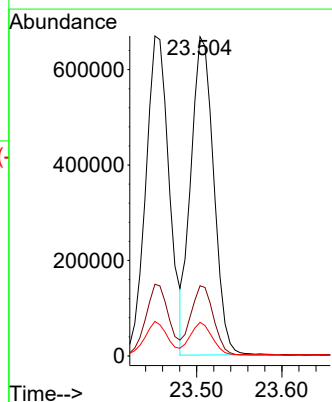
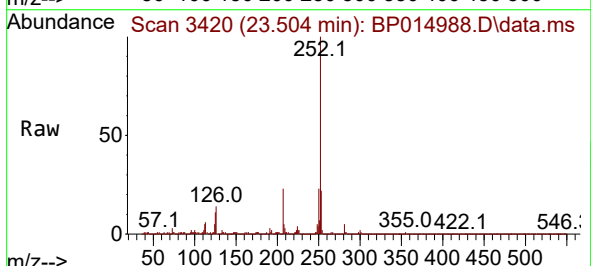
Tgt Ion:252 Resp: 1238033

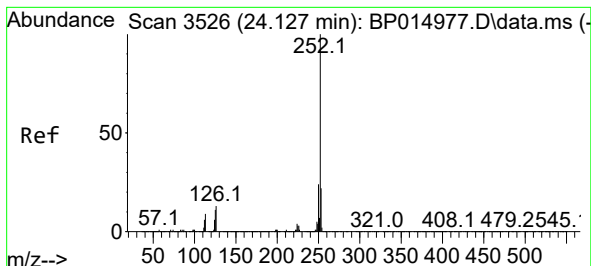
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.5 8.9 13.3





#93

Benzo(a)pyrene

Concen: 17.509 ng/ul

RT: 24.145 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

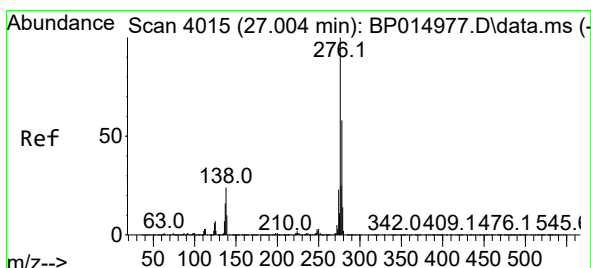
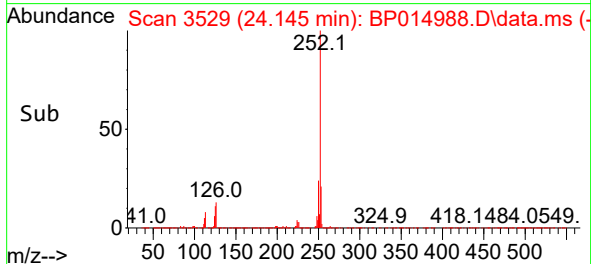
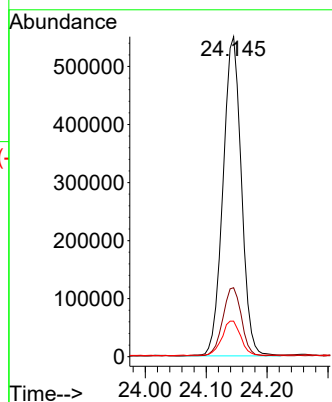
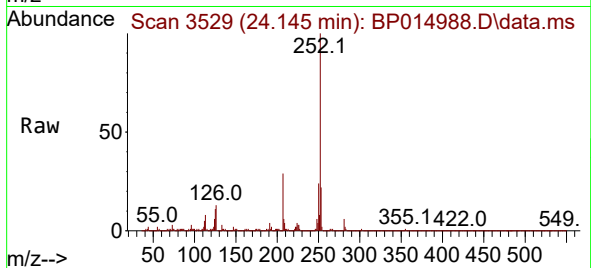
Tgt Ion:252 Resp: 1153083

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 11.1 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.559 ng/ul

RT: 27.027 min Scan# 4019

Delta R.T. 0.024 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

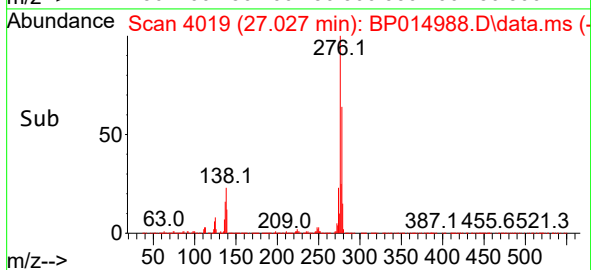
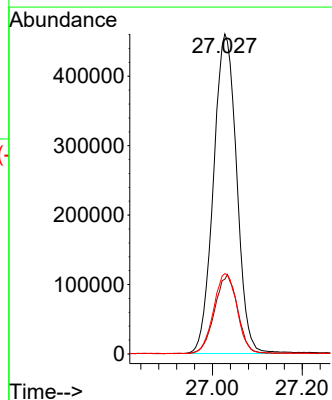
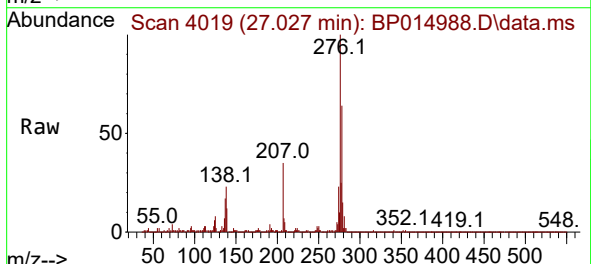
Tgt Ion:276 Resp: 1651571

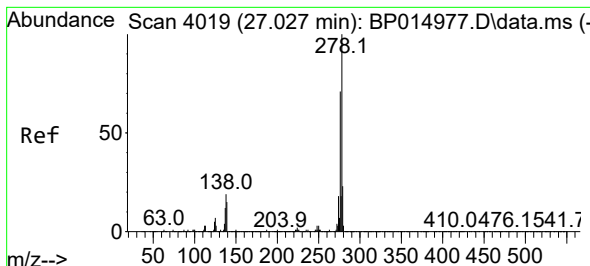
Ion Ratio Lower Upper

276 100

138 23.4 19.4 29.0

277 25.1 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 20.651 ng/ul

RT: 27.045 min Scan# 4019

Delta R.T. 0.018 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SSTD020699

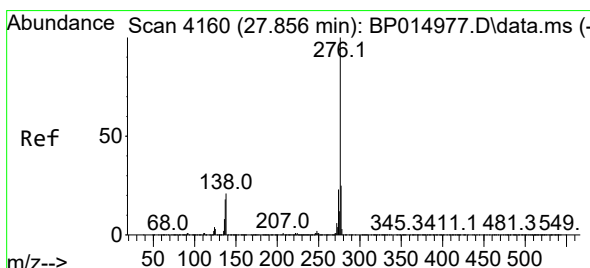
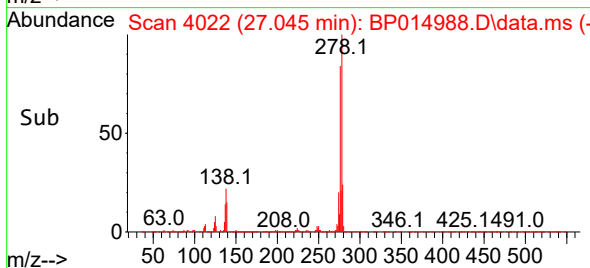
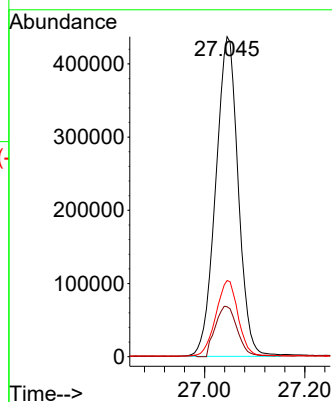
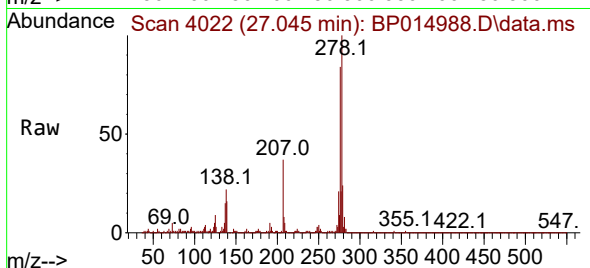
Tgt Ion:278 Resp: 1359733

Ion Ratio Lower Upper

278 100

139 15.6 12.9 19.3

279 23.8 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 20.128 ng/ul

RT: 27.880 min Scan# 4164

Delta R.T. 0.024 min

Lab File: BP014988.D

Acq: 05 May 2023 17:57

Tgt Ion:276 Resp: 1376167

Ion Ratio Lower Upper

276 100

138 20.5 18.0 27.0

277 23.1 19.8 29.8

