

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
 Data File : BP014281.D
 Acq On : 24 Mar 2023 09:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020791

Quant Time: Mar 24 22:33:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 24 22:30:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	167264	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	750859	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	544934	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1276391	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1285003	20.000	ng/ul	# 0.00
88) Perylene-d12	24.057	264	1348470	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	32830	7.416	ng/uL	0.00
4) Pyridine-d5	3.840	84	226931	18.514	ng/ul	0.00
7) Phenol-d5	7.199	99	307827	20.855	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	196338	22.808	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	228412	20.311	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	261602	21.697	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	118627	19.801	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	141653	19.752	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	265436	19.671	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	364720	20.424	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	901756	19.499	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	987525	20.157	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	150696	18.491	ng/ul	0.00
60) Fluorene-d10	15.681	176	759479	19.377	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	173511	17.986	ng/ul	0.00
73) Anthracene-d10	17.545	188	1238097	19.981	ng/ul	0.00
81) Pyrene-d10	19.775	212	1524002	21.504	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	1404167	19.576	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	36393	7.615	ng/uL	92
5) Pyridine	3.858	79	239866	19.297	ng/ul	92
6) Benzaldehyde	7.181	77	187651	25.550	ng/ul	97
8) Phenol	7.228	94	326265	21.434	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.458	93	256434	21.989	ng/ul	95
12) 2-Chlorophenol	7.605	128	234061	20.658	ng/ul	95
13) 2-Methylphenol	8.487	108	244438	21.596	ng/ul	97
16) Acetophenone	8.875	105	436410	22.406	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.857	70	236548	23.739	ng/ul	95
18) 4-Methylphenol	8.822	108	273748	21.988	ng/ul	100
19) Hexachloroethane	9.128	117	101897	20.534	ng/ul	94
22) Nitrobenzene	9.257	77	348305	21.733	ng/ul	95
23) Isophorone	9.787	82	654490	21.207	ng/ul	97
25) 2-Nitrophenol	9.975	139	149358	20.207	ng/ul	94
26) 2,4-Dimethylphenol	10.028	107	337565	20.865	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.269	93	384631	21.546	ng/ul	100
29) 2,4-Dichlorophenol	10.516	162	259603	19.503	ng/ul	97
30) Naphthalene	10.916	128	839643	20.364	ng/ul	99
32) 4-Chloroaniline	11.034	127	367132	20.431	ng/ul	98
33) Hexachlorobutadiene	11.193	225	188128	17.761	ng/ul	97
34) Caprolactam	11.822	113	38907	9.002	ng/ul	94
35) 4-Chloro-3-methylphenol	12.151	107	331188	21.517	ng/ul	96
36) 2-Methylnaphthalene	12.516	142	593958	20.538	ng/ul	100
37) 1-Methylnaphthalene	12.740	142	601153	20.681	ng/ul	99

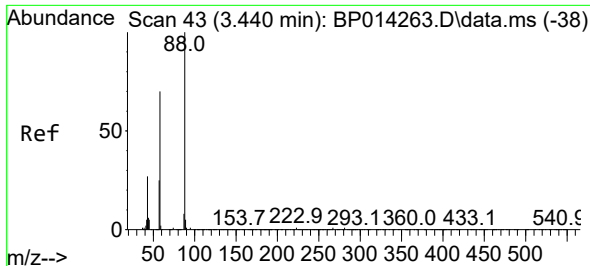
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.881	216	364809	18.513	ng/ul	97
40) Hexachlorocyclopentadiene	12.857	237	240998	17.079	ng/ul	97
41) 2,4,6-Trichlorophenol	13.128	196	237979	19.225	ng/ul	100
42) 2,4,5-Trichlorophenol	13.198	196	260852	19.201	ng/ul	97
43) 1,1'-Biphenyl	13.522	154	848507	20.225	ng/ul#	98
44) 2-Chloronaphthalene	13.569	162	668543	20.064	ng/ul	96
45) 2-Nitroaniline	13.781	65	223887	22.718	ng/ul	93
47) Dimethylphthalate	14.140	163	904126	19.751	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	181011	20.001	ng/ul	99
50) Acenaphthylene	14.410	152	1049994	20.422	ng/ul	99
51) 3-Nitroaniline	14.604	138	166206	20.742	ng/ul	94
52) Acenaphthene	14.751	153	735820	20.472	ng/ul	100
53) 2,4-Dinitrophenol	14.810	184	121031	17.908	ng/ul	91
55) 4-Nitrophenol	14.910	109	179587	20.400	ng/ul	91
56) Dibenzofuran	15.087	168	1039381	19.878	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	269708	19.946	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.316	232	245180	18.864	ng/ul	98
59) Diethylphthalate	15.504	149	917775	19.767	ng/ul	99
61) Fluorene	15.739	166	877891	20.254	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.728	204	457819	19.137	ng/ul	99
63) 4-Nitroaniline	15.769	138	177119	21.503	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.822	198	169460	18.412	ng/ul	95
67) N-Nitrosodiphenylamine	15.945	169	747921	20.747	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	288681	18.709	ng/ul	98
69) Hexachlorobenzene	16.745	284	340176	18.708	ng/ul	94
70) Atrazine	16.898	200	302155	19.433	ng/ul	97
71) Pentachlorophenol	17.098	266	233261	19.625	ng/ul	98
72) Phenanthrene	17.492	178	1424476	20.461	ng/ul	99
74) Anthracene	17.581	178	1450141	20.544	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.487	216	381599	19.480	ng/uL	98
76) Pentachlorobenzene	15.004	250	391334	19.232	ng/uL	98
77) Carbazole	17.851	167	1293957	20.782	ng/ul	99
78) Di-n-butylphthalate	18.380	149	1591445	20.452	ng/ul	100
80) Fluoranthene	19.445	202	1769393	21.904	ng/ul#	94
82) Pyrene	19.804	202	1839389	21.828	ng/ul#	95
83) Butylbenzylphthalate	20.657	149	746800	21.979	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	620043	18.849	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1845413	20.418	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1094927	21.554	ng/ul	99
87) Chrysene	21.569	228	1704454	19.788	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	1893524	22.254	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1851609	20.607	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	1851609	21.610	ng/ul	99
93) Benzo(a)pyrene	23.945	252	1550342	19.837	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.709	276	1806311	17.459	ng/ul	97
95) Dibenzo(a,h)anthracene	26.727	278	1508196	17.539	ng/ul	98
96) Benzo(g,h,i)perylene	27.527	276	1400179	16.932	ng/ul	98

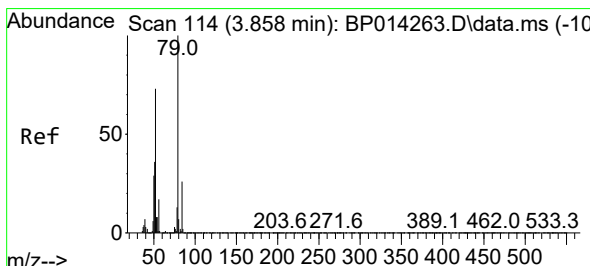
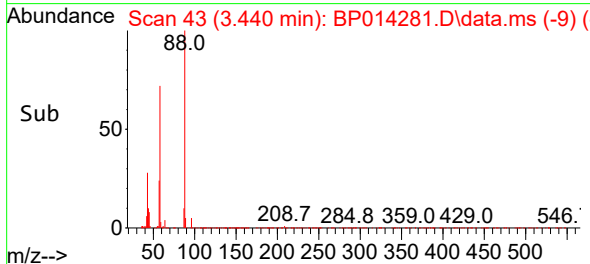
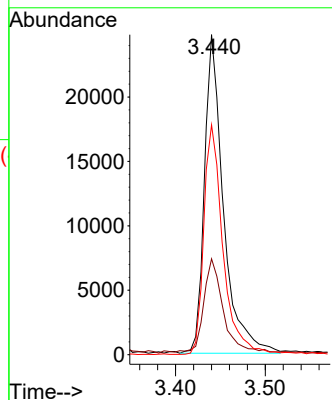
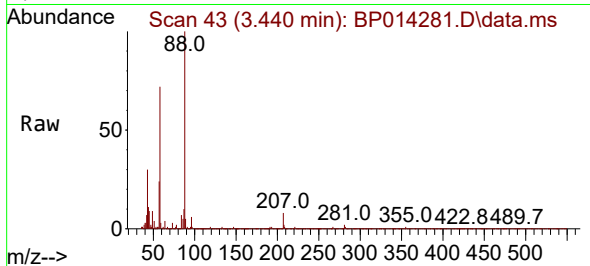
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#2
1,4-Dioxane
Concen: 7.615 ng/uL
RT: 3.440 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

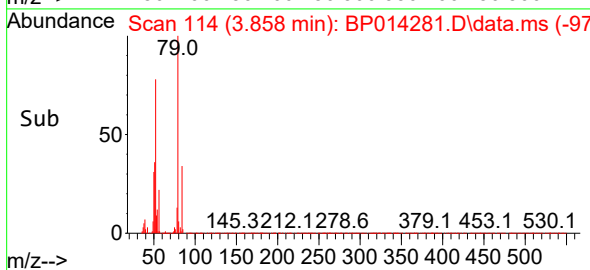
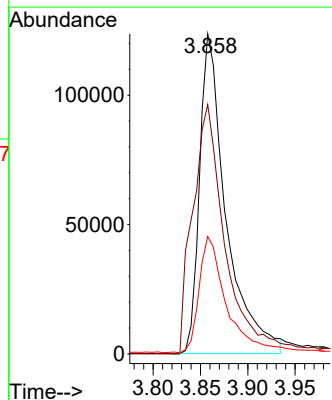
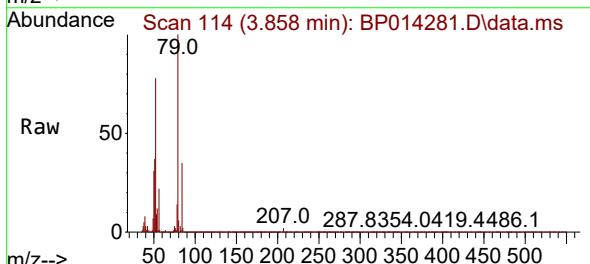
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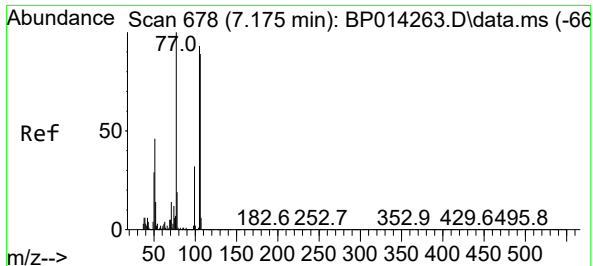
Tgt Ion: 88 Resp: 36393
Ion Ratio Lower Upper
88 100
43 29.9 23.9 35.9
58 71.8 50.2 75.2



#5
Pyridine
Concen: 19.297 ng/uL
RT: 3.858 min Scan# 114
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion: 79 Resp: 239866
Ion Ratio Lower Upper
79 100
52 78.0 55.1 82.7
51 36.7 28.9 43.3

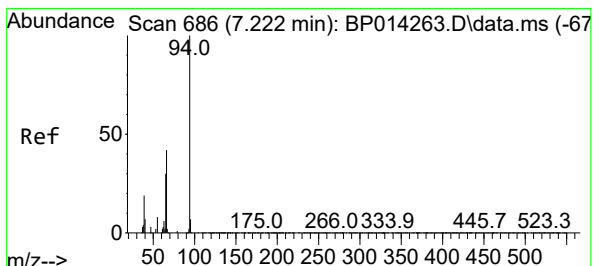
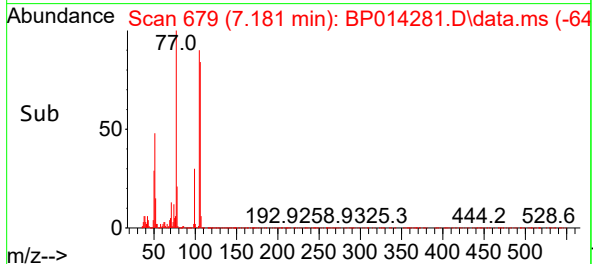
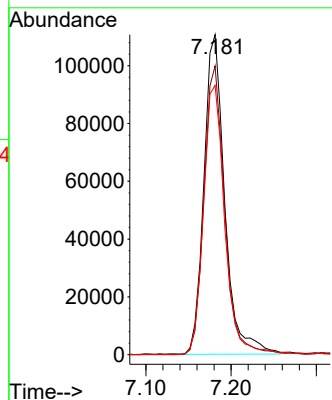
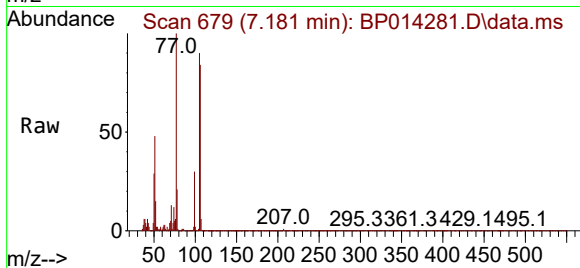




#6
Benzaldehyde
Concen: 25.550 ng/ul
RT: 7.181 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

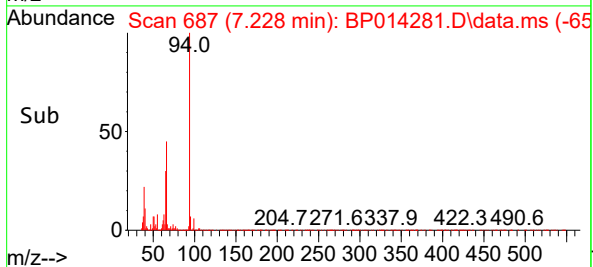
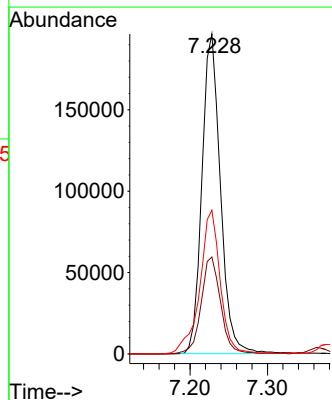
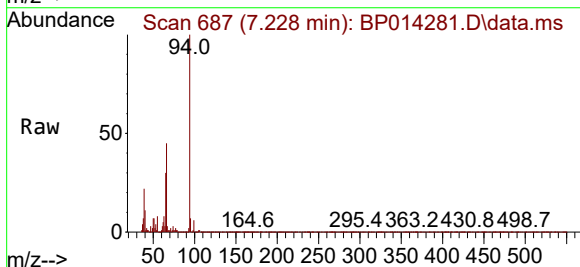
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ClientSampleId :
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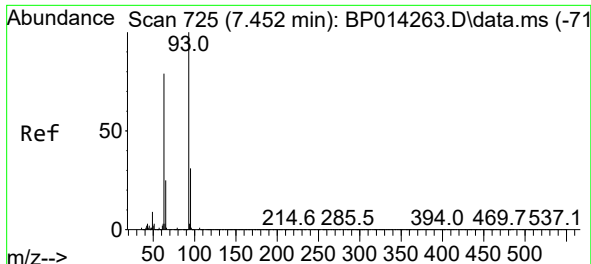
Tgt Ion: 77 Resp: 187651
Ion Ratio Lower Upper
77 100
105 90.2 74.2 111.2
106 84.2 69.8 104.8



#8
Phenol
Concen: 21.434 ng/ul
RT: 7.228 min Scan# 687
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion: 94 Resp: 326265
Ion Ratio Lower Upper
94 100
65 30.3 25.2 37.8
66 44.9 37.2 55.8

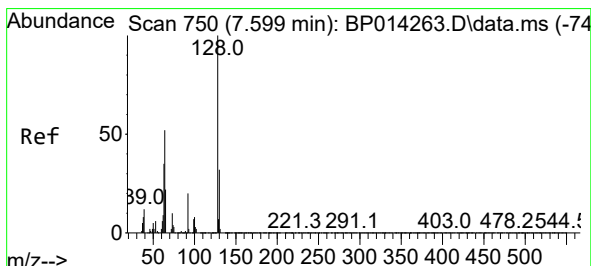
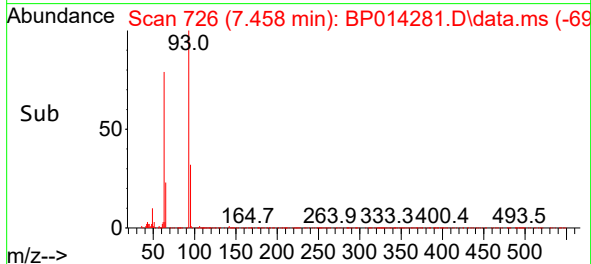
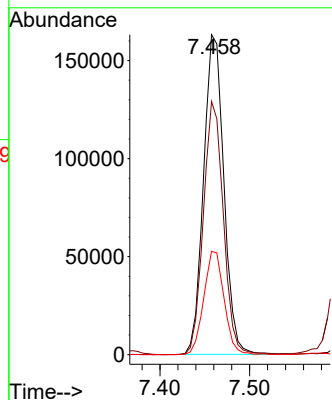
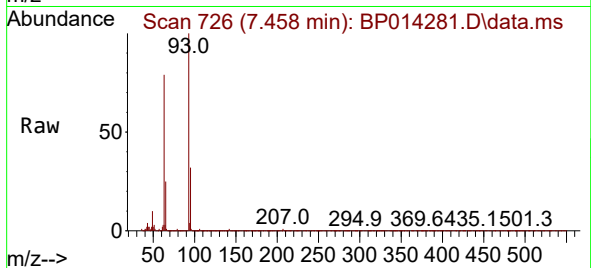




#10
Bis(2-Chloroethyl)ether
Concen: 21.989 ng/ul
RT: 7.458 min Scan# 710
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

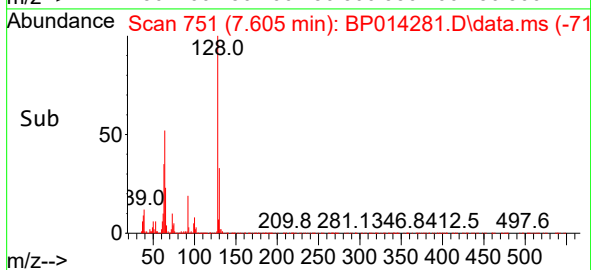
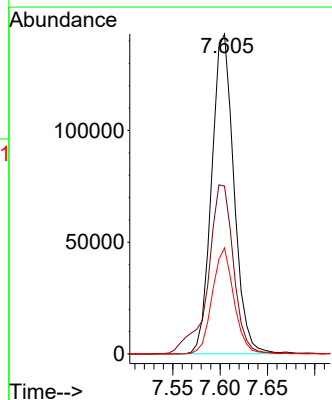
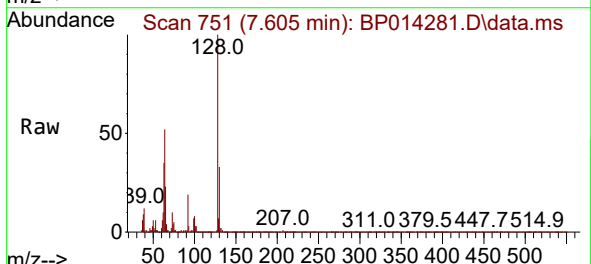
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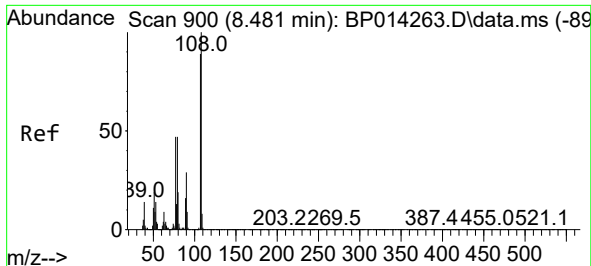
Tgt Ion: 93 Resp: 256434
Ion Ratio Lower Upper
93 100
63 79.2 58.8 88.2
95 32.3 25.8 38.6



#12
2-Chlorophenol
Concen: 20.658 ng/ul
RT: 7.605 min Scan# 751
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:128 Resp: 234061
Ion Ratio Lower Upper
128 100
64 52.4 38.3 57.5
130 33.2 25.7 38.5





#13

2-Methylphenol

Concen: 21.596 ng/ul

RT: 8.487 min Scan# 900

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

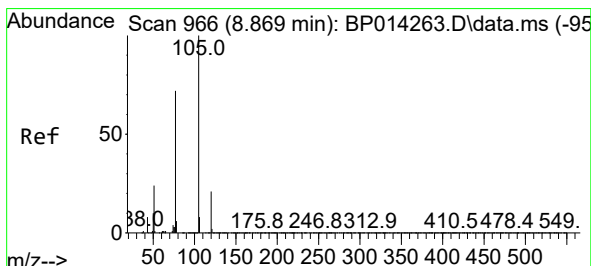
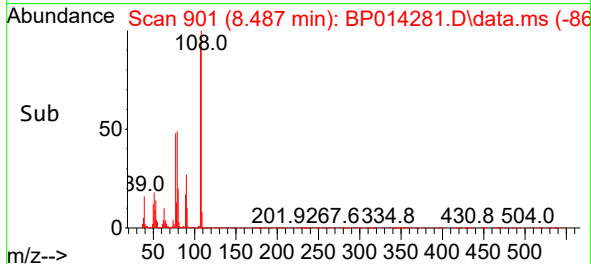
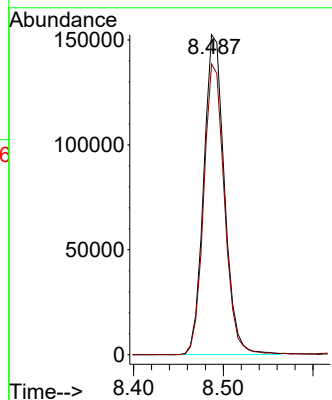
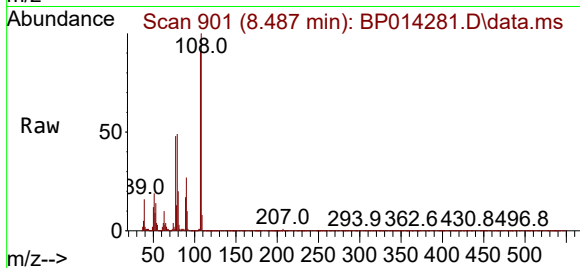
SSTD020791

Tgt Ion:108 Resp: 244438

Ion Ratio Lower Upper

108 100

107 90.9 70.5 105.7



#16

Acetophenone

Concen: 22.406 ng/ul

RT: 8.875 min Scan# 967

Delta R.T. 0.000 min

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Acq: 24 Mar 2023 09:08

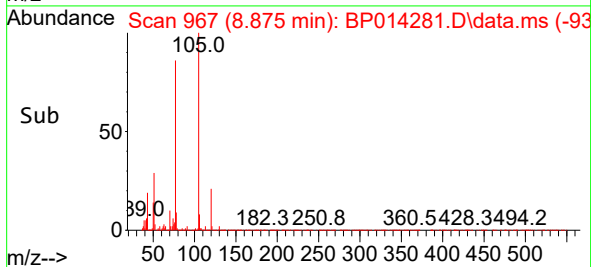
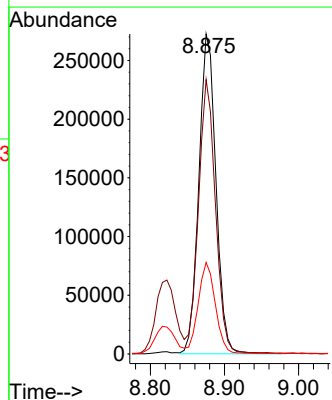
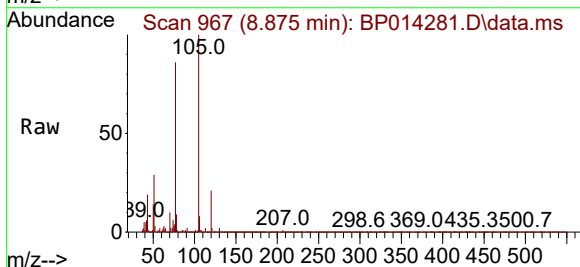
Tgt Ion:105 Resp: 436410

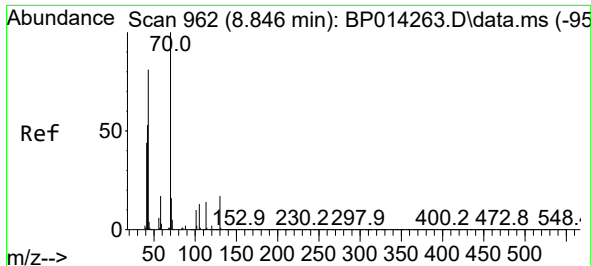
Ion Ratio Lower Upper

105 100

77 85.7 65.4 98.2

51 28.6 21.8 32.8

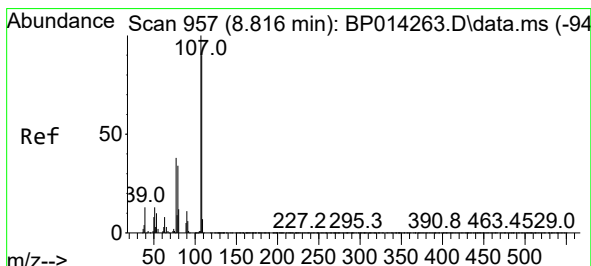
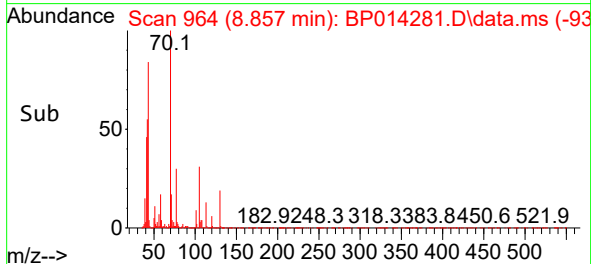
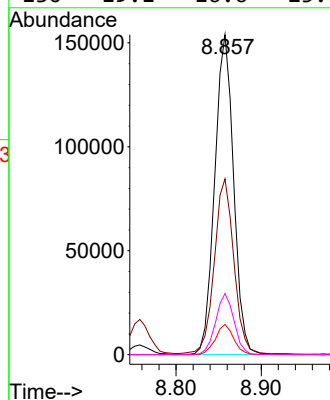
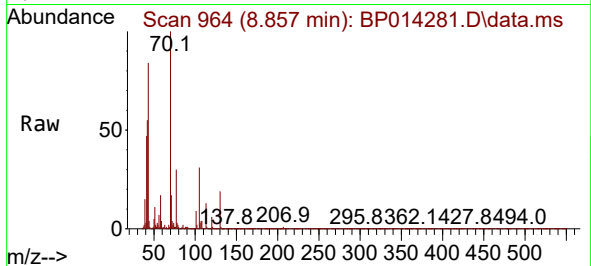




#17
N-Nitroso-di-n-propylamine
Concen: 23.739 ng/ul
RT: 8.857 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP014281.D
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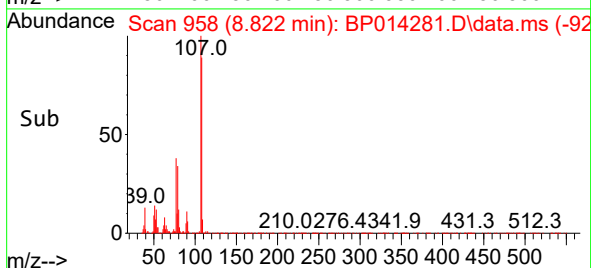
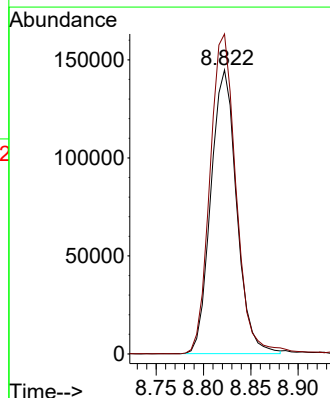
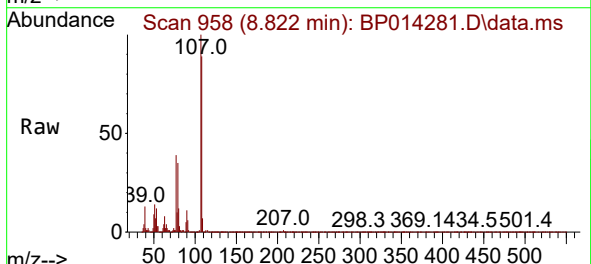
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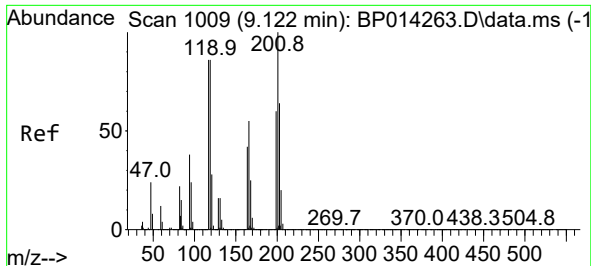
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Ion Ratio Lower Upper
70 100
42 54.9 40.9 61.3
101 9.5 7.9 11.9
130 19.1 16.6 25.0



#18
4-Methylphenol
Concen: 21.988 ng/ul
RT: 8.822 min Scan# 958
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion: 108 Resp: 273748
Ion Ratio Lower Upper
108 100
107 112.7 89.8 134.6

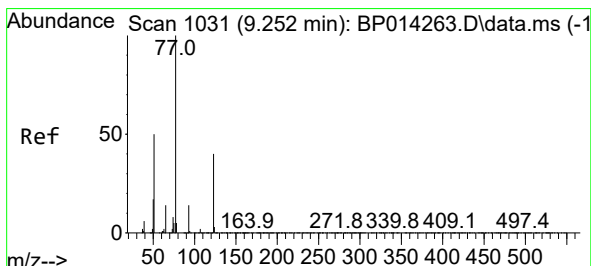
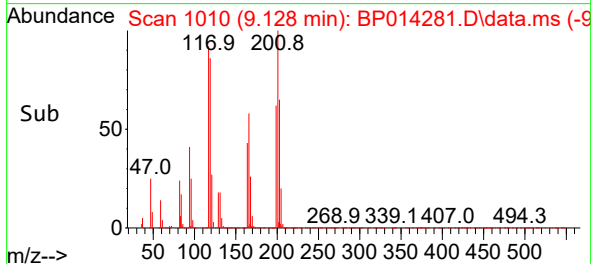
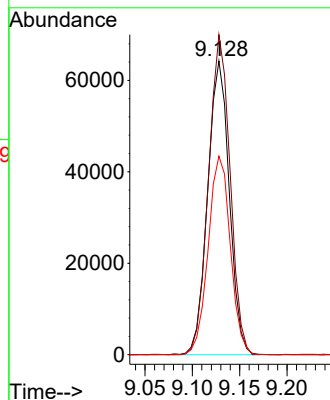
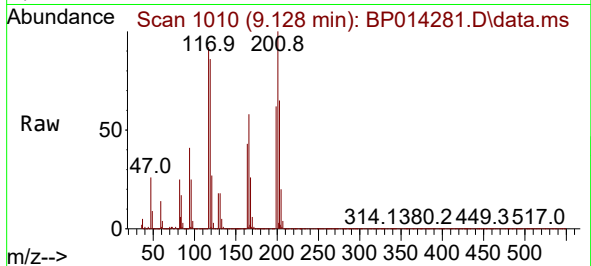




#19
Hexachloroethane
Concen: 20.534 ng/ul
RT: 9.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

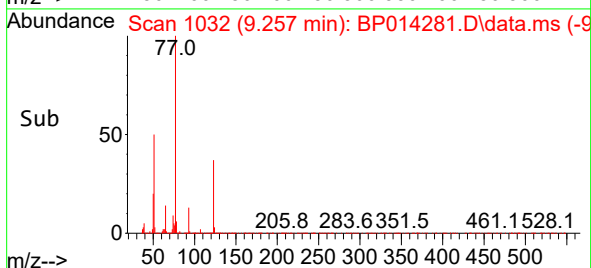
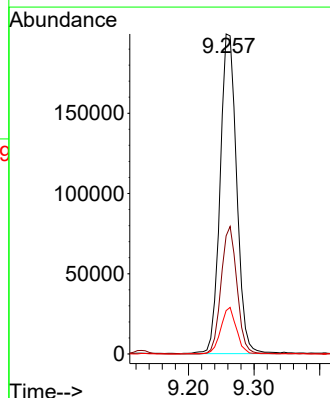
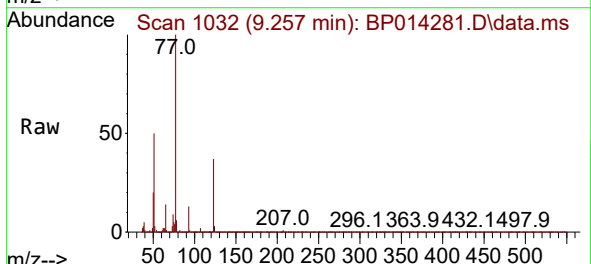
Instrument :
BNA_P
ClientSampleId :
SSTD020791

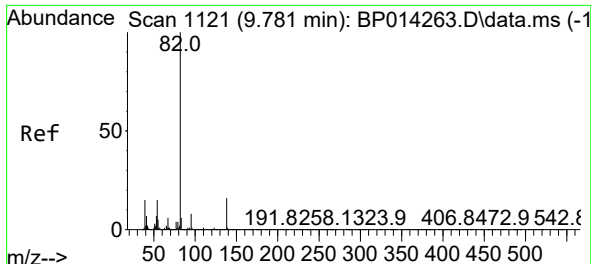
Tgt Ion:117 Resp: 101897
Ion Ratio Lower Upper
117 100
201 108.9 91.7 137.5
199 67.6 59.1 88.7



#22
Nitrobenzene
Concen: 21.733 ng/ul
RT: 9.257 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion: 77 Resp: 348305
Ion Ratio Lower Upper
77 100
123 36.9 32.6 48.8
65 13.6 11.2 16.8

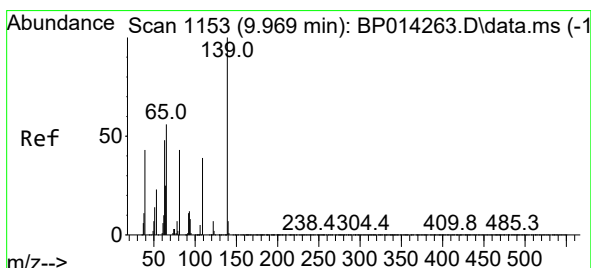
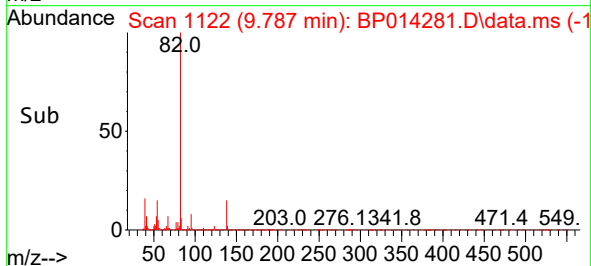
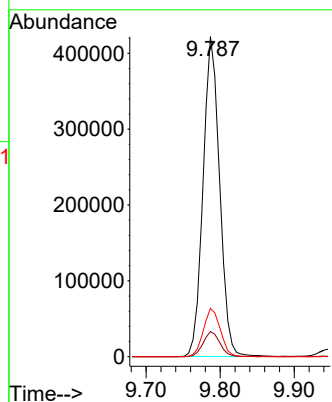
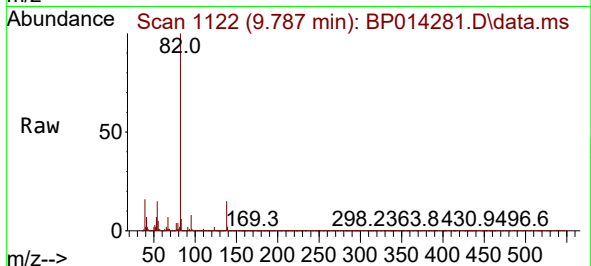




#23
Isophorone
Concen: 21.207 ng/ul
RT: 9.787 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

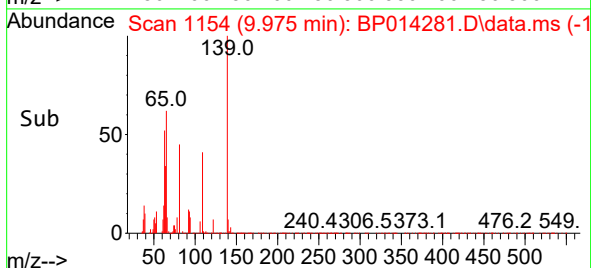
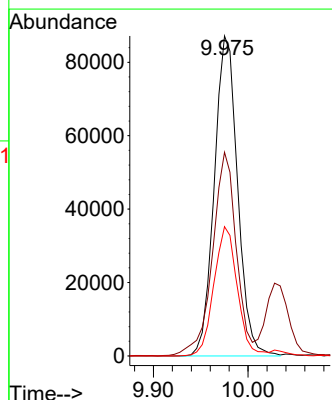
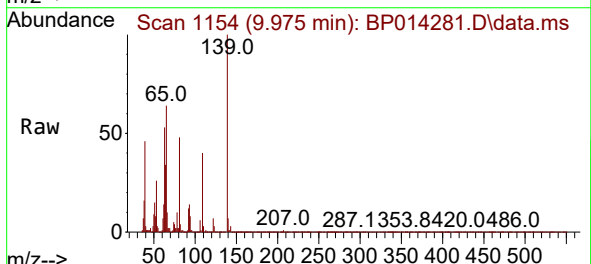
Instrument :
BNA_P
ClientSampleId :
SSTD020791

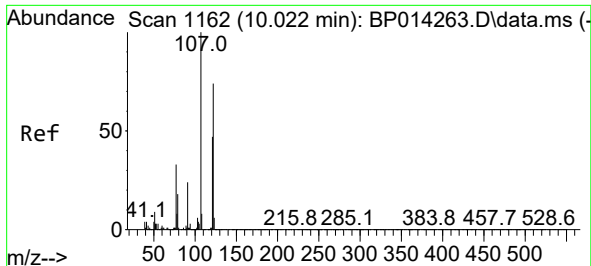
Tgt Ion: 82 Resp: 654490
Ion Ratio Lower Upper
82 100
95 7.8 7.1 10.7
138 15.1 13.3 19.9



#25
2-Nitrophenol
Concen: 20.207 ng/ul
RT: 9.975 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:139 Resp: 149358
Ion Ratio Lower Upper
139 100
65 63.7 46.6 70.0
109 40.4 34.5 51.7

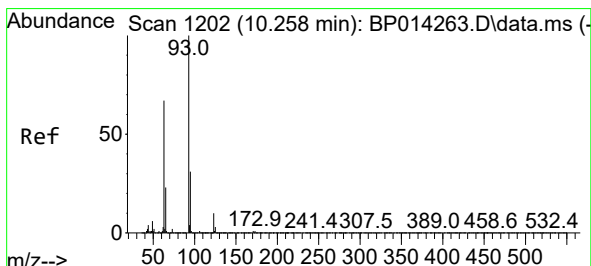
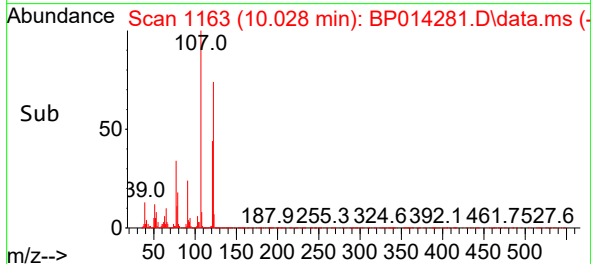
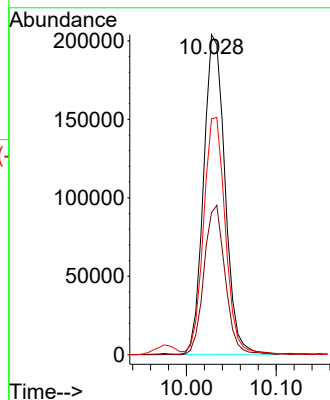
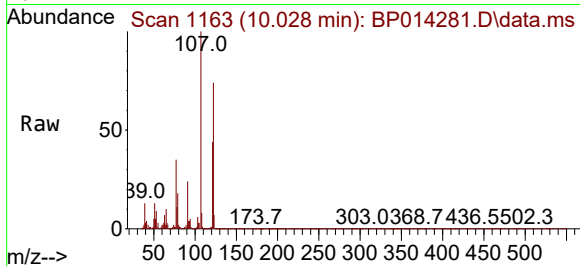




#26
2,4-Dimethylphenol
Concen: 20.865 ng/ul
RT: 10.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

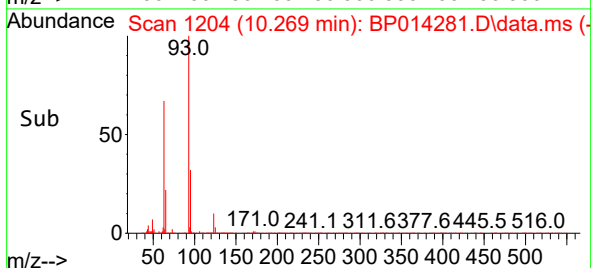
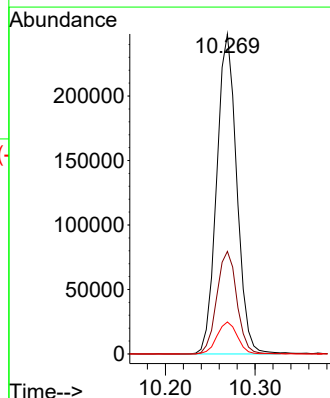
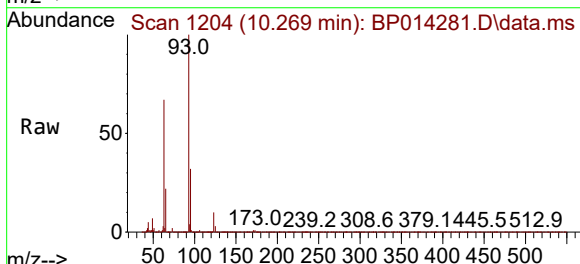
Instrument :
BNA_P
ClientSampleId :
SSTD020791

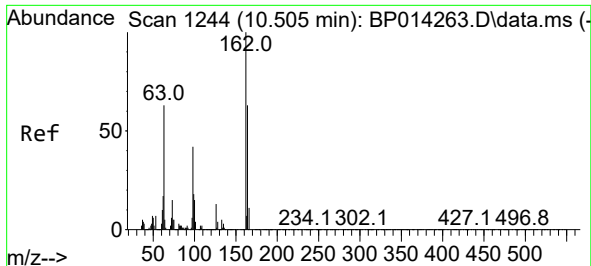
Tgt Ion:107 Resp: 337565
Ion Ratio Lower Upper
107 100
121 44.4 37.1 55.7
122 73.7 61.2 91.8



#27
Bis(2-Chloroethoxy)methane
Concen: 21.546 ng/ul
RT: 10.269 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion: 93 Resp: 384631
Ion Ratio Lower Upper
93 100
95 32.1 25.6 38.4
123 10.0 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 19.503 ng/ul

RT: 10.516 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

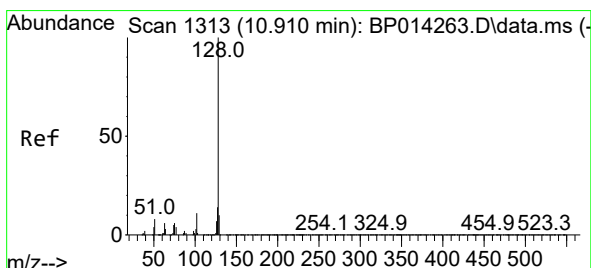
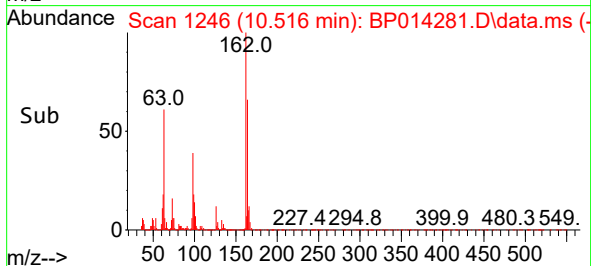
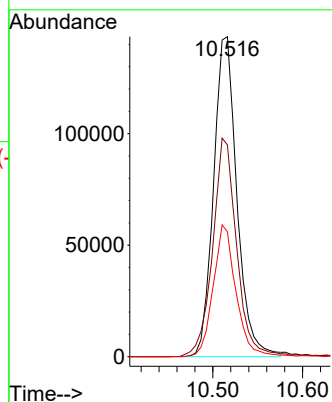
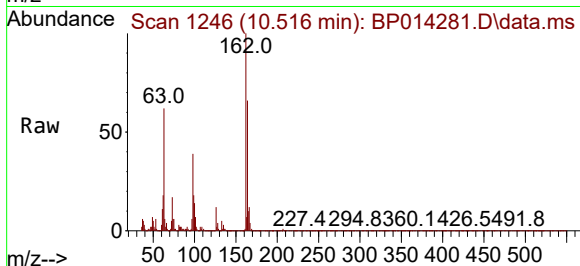
Tgt Ion:162 Resp: 259603

Ion Ratio Lower Upper

162 100

164 66.2 52.0 78.0

98 39.1 29.1 43.7



#30

Naphthalene

Concen: 20.364 ng/ul

RT: 10.916 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

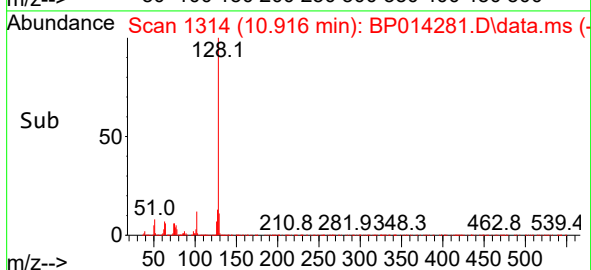
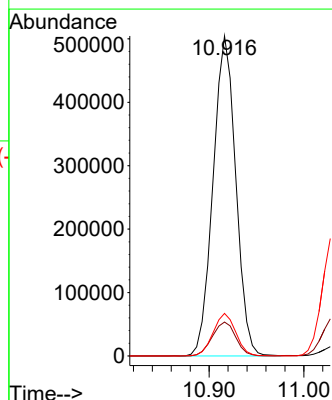
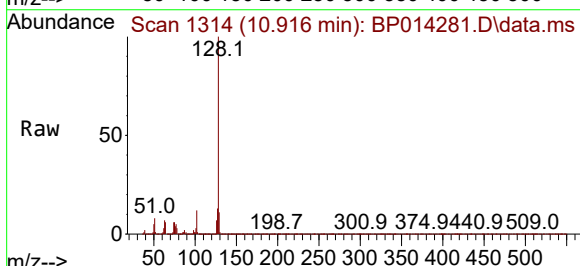
Tgt Ion:128 Resp: 839643

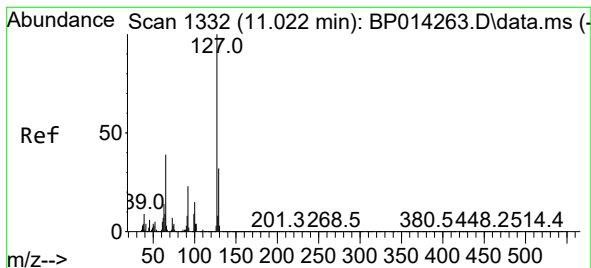
Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 13.3 11.0 16.4





#32

4-Chloroaniline

Concen: 20.431 ng/ul

RT: 11.034 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

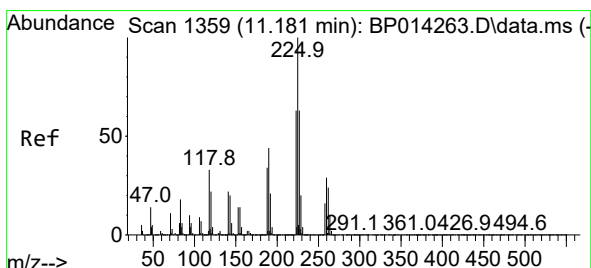
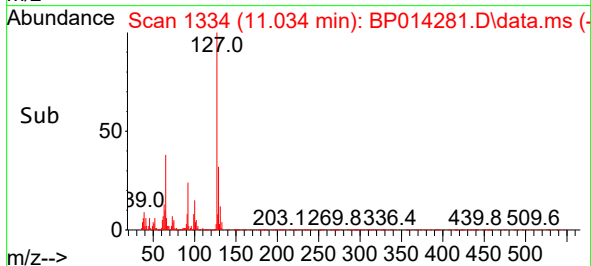
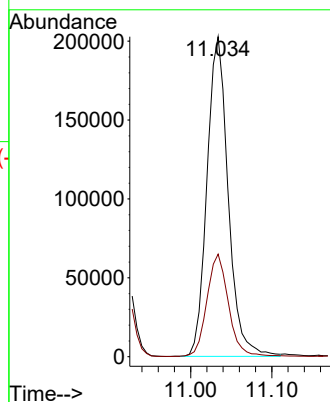
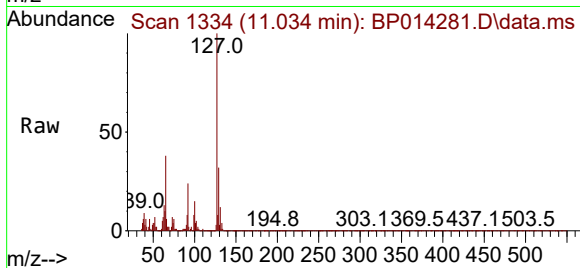
SSTD020791

Tgt Ion:127 Resp: 367132

Ion Ratio Lower Upper

127 100

129 32.1 24.9 37.3



#33

Hexachlorobutadiene

Concen: 17.761 ng/ul

RT: 11.193 min Scan# 1361

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

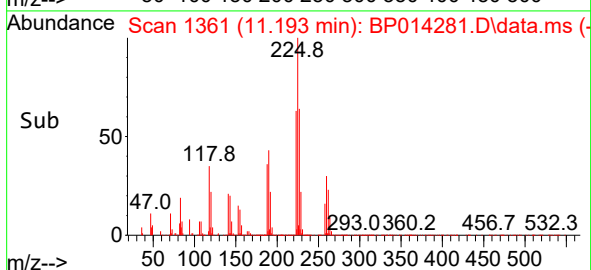
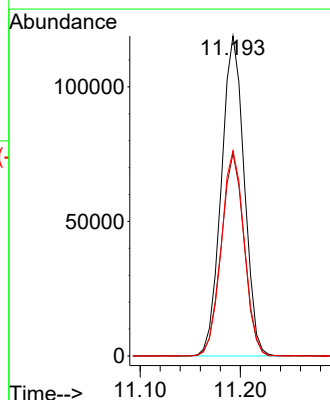
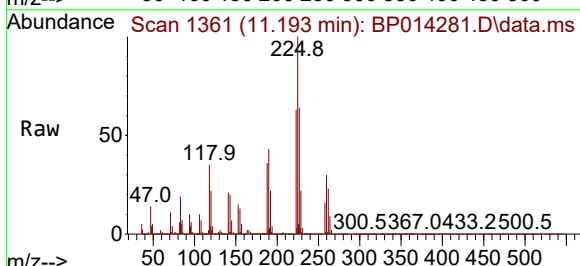
Tgt Ion:225 Resp: 188128

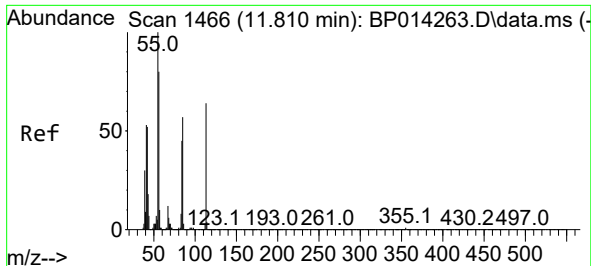
Ion Ratio Lower Upper

225 100

223 63.3 48.0 72.0

227 64.1 50.3 75.5

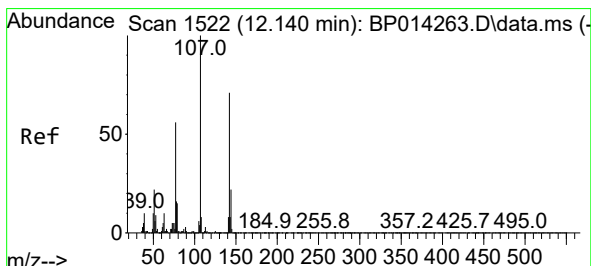
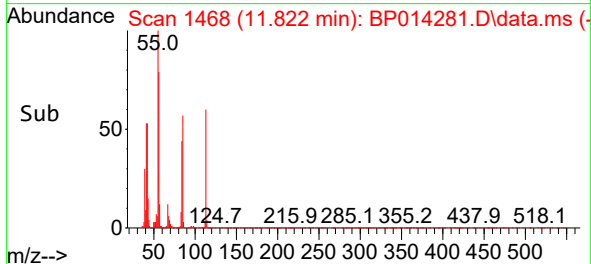
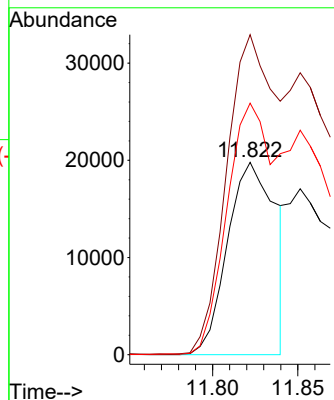
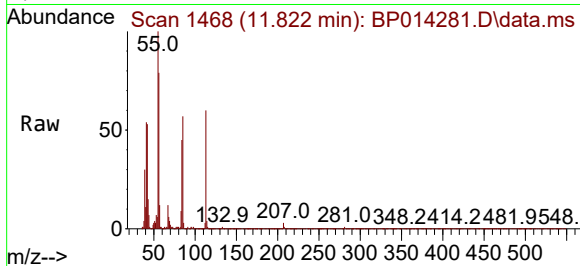




#34
Caprolactam
Concen: 9.002 ng/ul
RT: 11.822 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

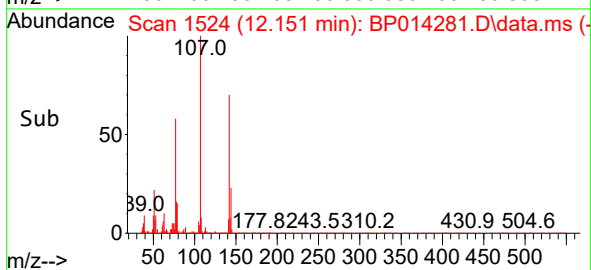
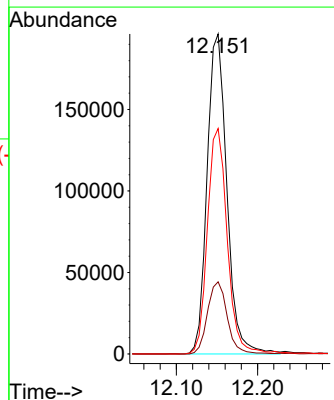
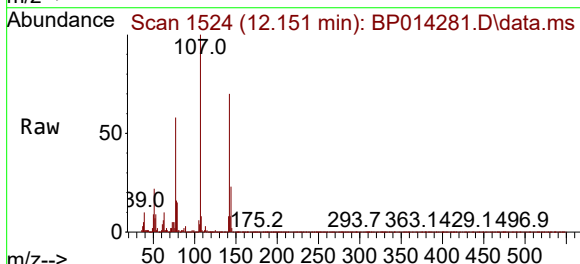
Instrument :
BNA_P
ClientSampleId :
SSTD020791

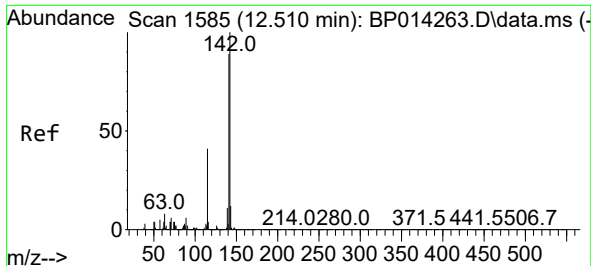
Tgt Ion:113 Resp: 38907
Ion Ratio Lower Upper
113 100
55 166.4 124.0 186.0
56 130.8 102.0 153.0



#35
4-Chloro-3-methylphenol
Concen: 21.517 ng/ul
RT: 12.151 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:107 Resp: 331188
Ion Ratio Lower Upper
107 100
144 22.5 19.4 29.0
142 70.5 59.6 89.4

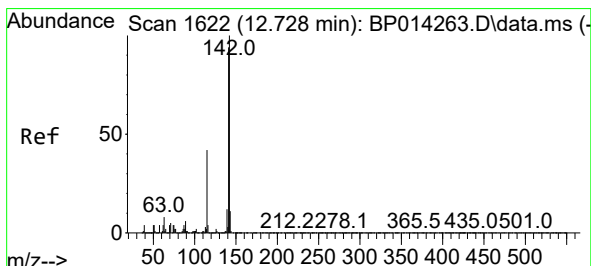
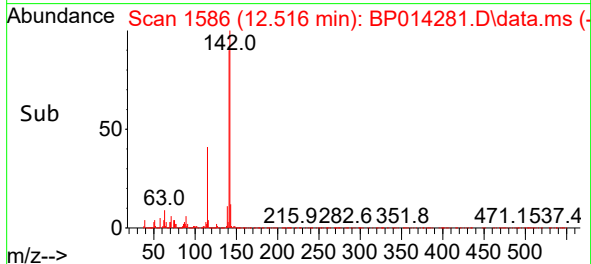
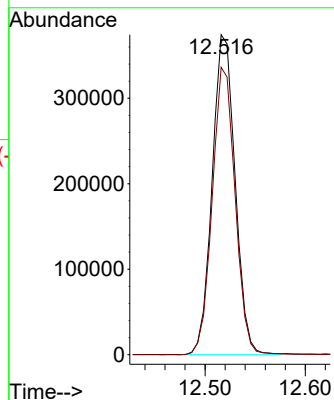
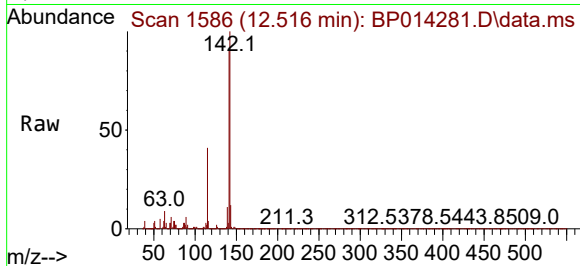




#36
2-Methylnaphthalene
Concen: 20.538 ng/ul
RT: 12.516 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

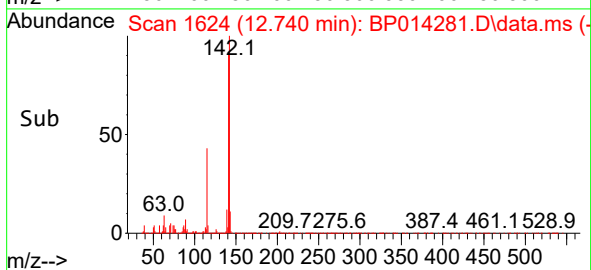
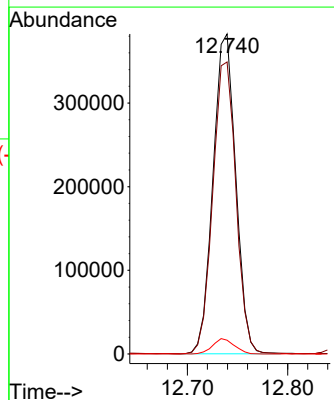
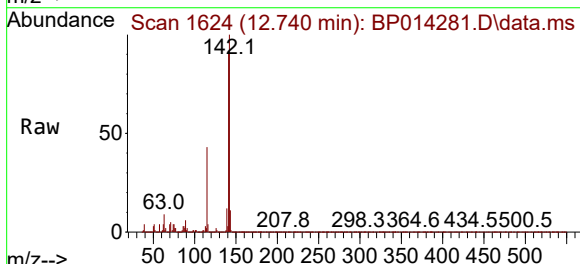
Instrument :
BNA_P
ClientSampleId :
SSTD020791

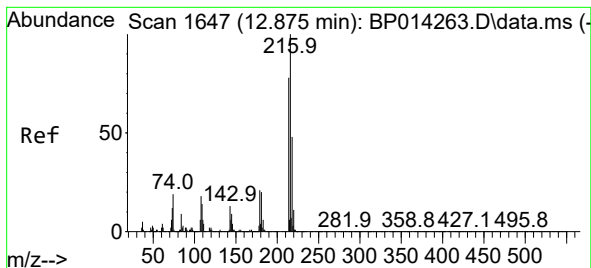
Tgt Ion:142 Resp: 593958
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5



#37
1-Methylnaphthalene
Concen: 20.681 ng/ul
RT: 12.740 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:142 Resp: 601153
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6
116 4.3 3.7 5.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.513 ng/ul

RT: 12.881 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

Tgt Ion:216 Resp: 364809

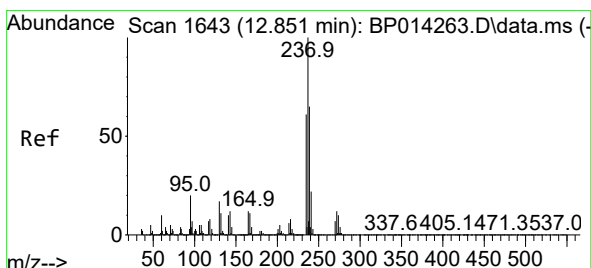
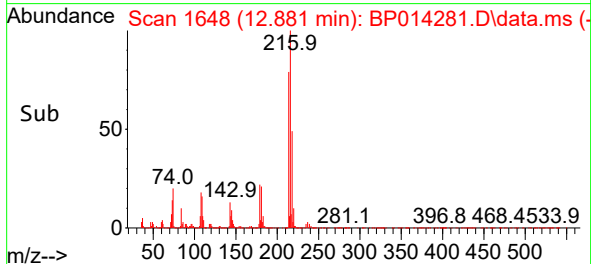
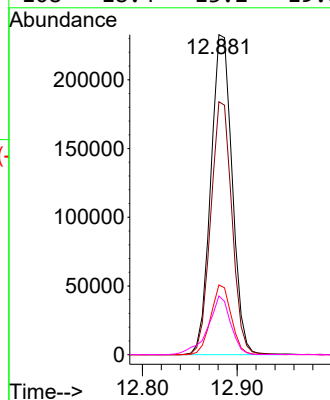
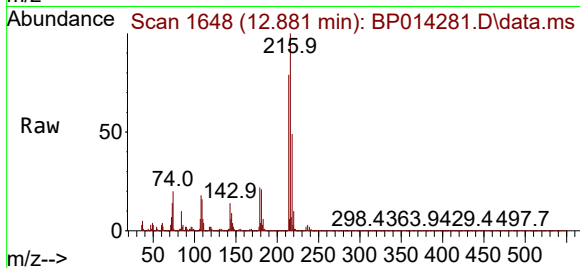
Ion Ratio Lower Upper

216 100

214 79.0 61.7 92.5

179 21.8 16.2 24.4

108 18.4 13.2 19.8



#40

Hexachlorocyclopentadiene

Concen: 17.079 ng/ul

RT: 12.857 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

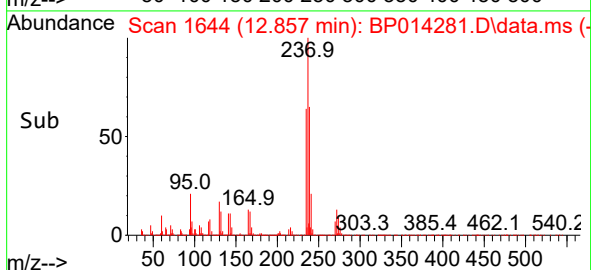
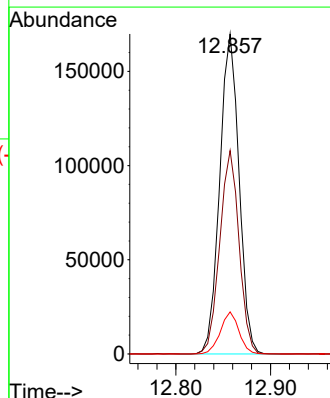
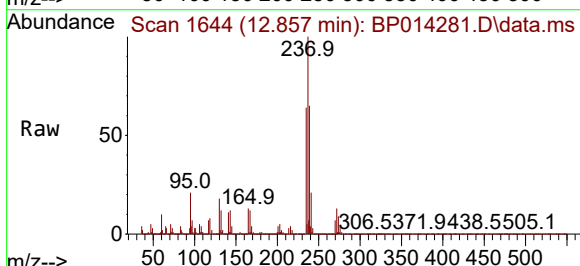
Tgt Ion:237 Resp: 240998

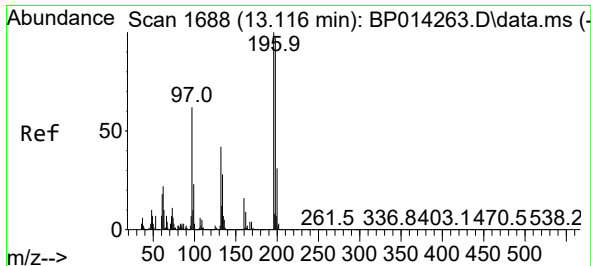
Ion Ratio Lower Upper

237 100

235 63.6 49.0 73.6

272 14.1 9.6 14.4

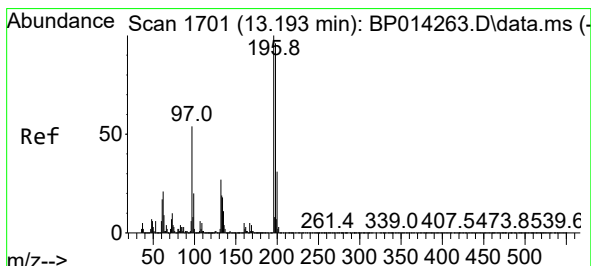
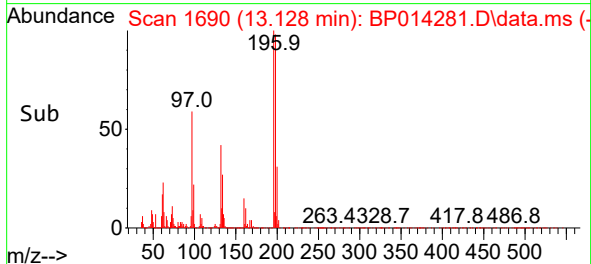
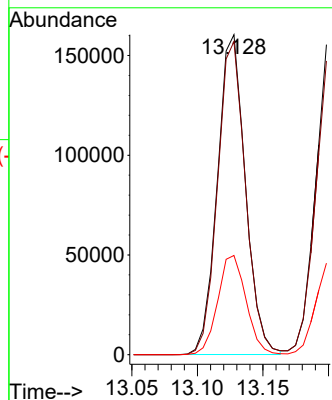
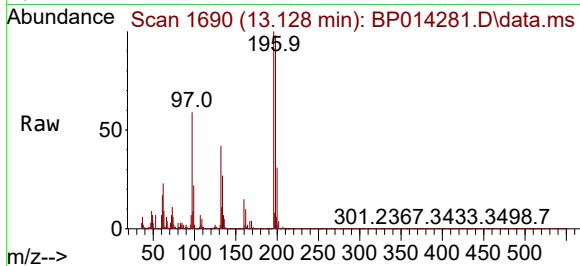




#41
2,4,6-Trichlorophenol
Concen: 19.225 ng/ul
RT: 13.128 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

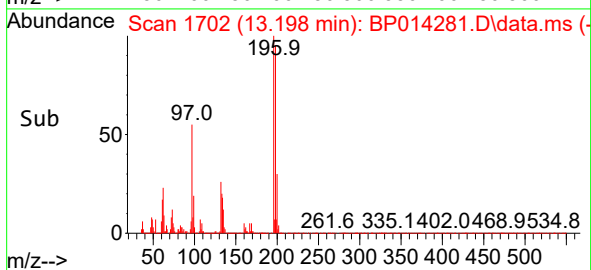
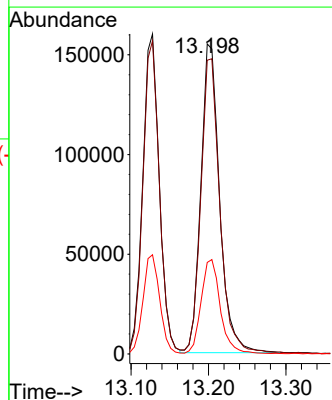
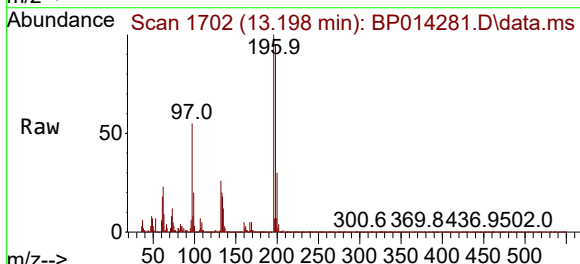
Instrument :
BNA_P
ClientSampleId :
SSTD020791

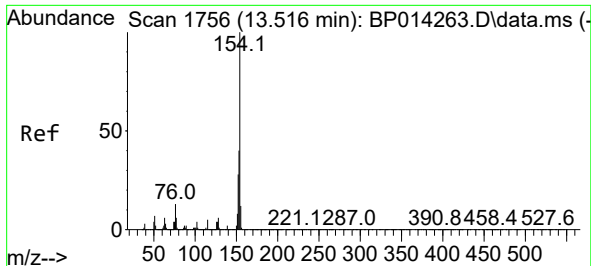
Tgt Ion:196 Resp: 237979
Ion Ratio Lower Upper
196 100
198 97.8 78.5 117.7
200 31.0 25.4 38.0



#42
2,4,5-Trichlorophenol
Concen: 19.201 ng/ul
RT: 13.198 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:196 Resp: 260852
Ion Ratio Lower Upper
196 100
198 94.8 77.6 116.4
200 29.5 25.3 37.9

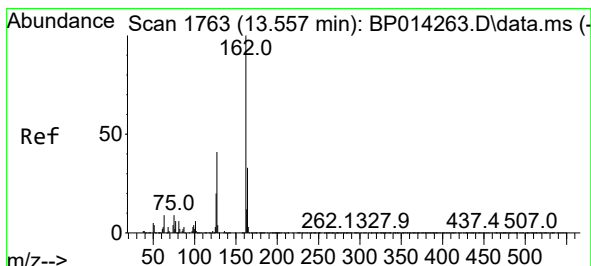
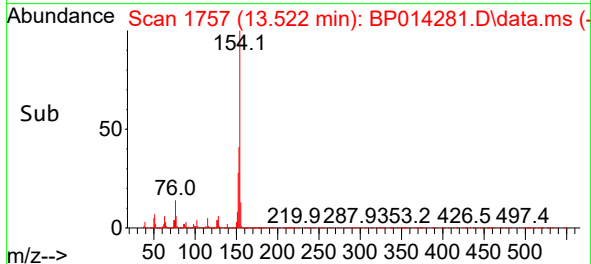
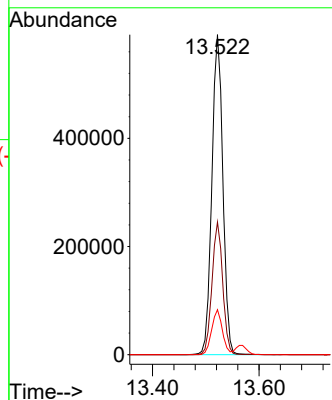
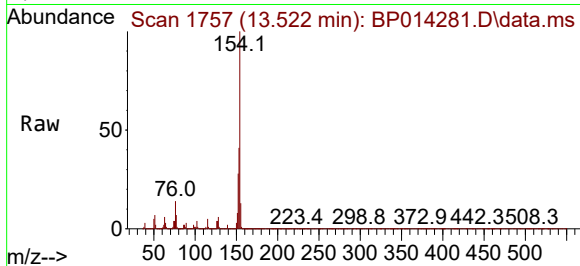




#43
1,1'-Biphenyl
Concen: 20.225 ng/ul
RT: 13.522 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

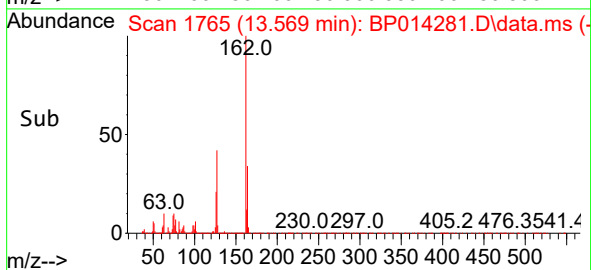
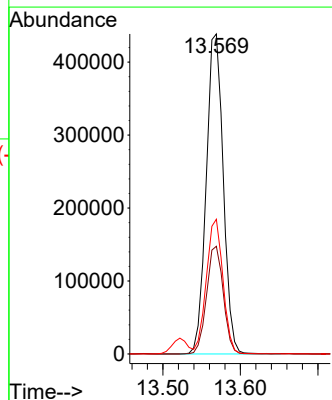
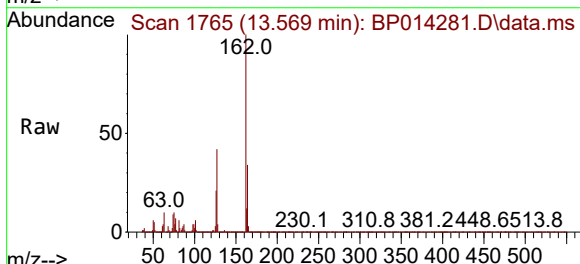
Instrument :
BNA_P
ClientSampleId :
SSTD020791

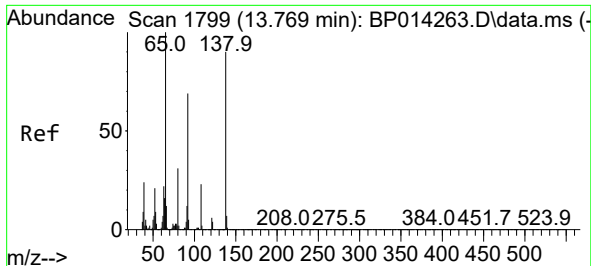
Tgt Ion:154 Resp: 848507
Ion Ratio Lower Upper
154 100
153 41.5 32.6 49.0
76 14.1 9.4 14.0#



#44
2-Chloronaphthalene
Concen: 20.064 ng/ul
RT: 13.569 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:162 Resp: 668543
Ion Ratio Lower Upper
162 100
164 33.7 26.0 39.0
127 42.1 31.3 46.9

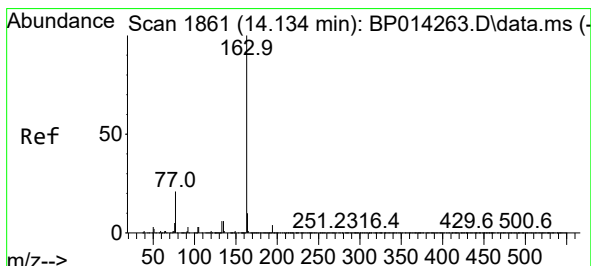
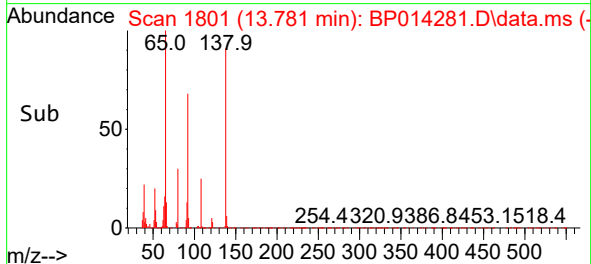
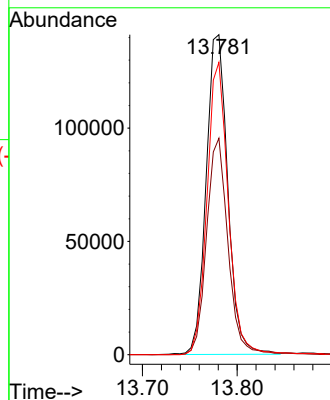
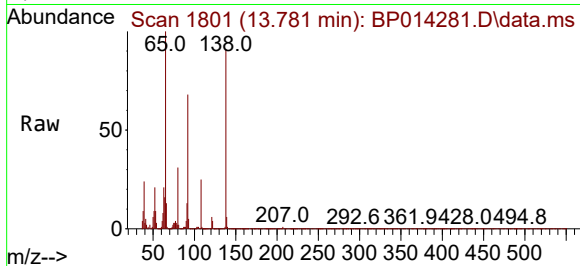




#45
2-Nitroaniline
Concen: 22.718 ng/ul
RT: 13.781 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

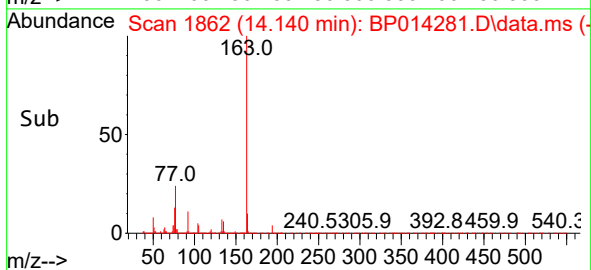
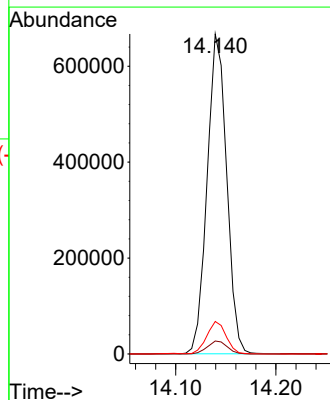
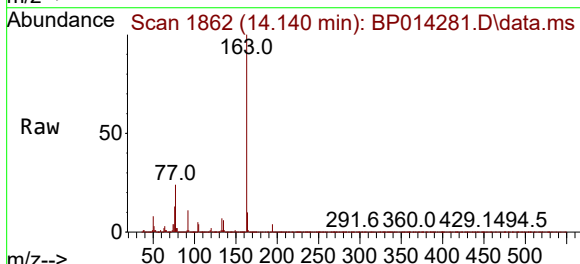
Instrument :
BNA_P
ClientSampleId :
SSTD020791

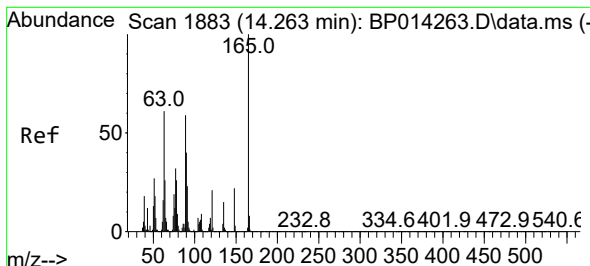
Tgt Ion: 65 Resp: 223887
Ion Ratio Lower Upper
65 100
92 67.7 56.3 84.5
138 91.3 81.4 122.2



#47
Dimethylphthalate
Concen: 19.751 ng/ul
RT: 14.140 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:163 Resp: 904126
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.2 8.2 12.4





#48

2,6-Dinitrotoluene

Concen: 20.001 ng/ul

RT: 14.269 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

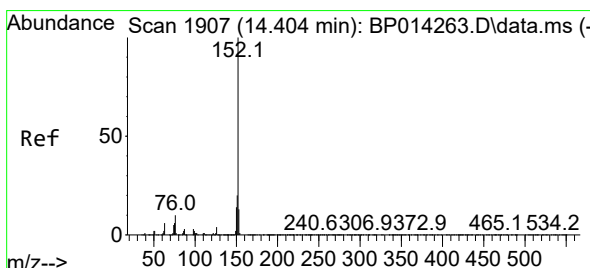
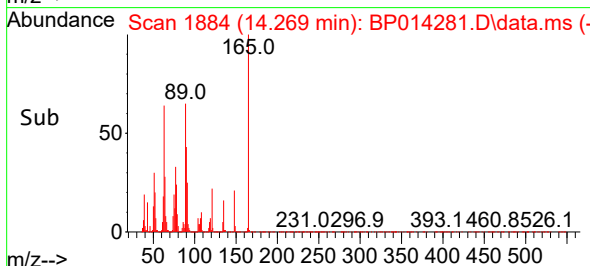
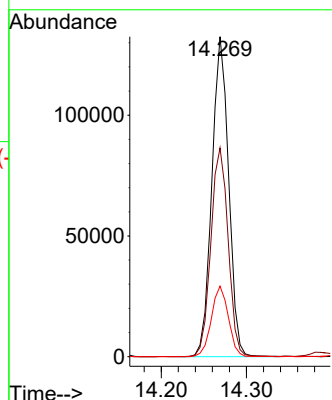
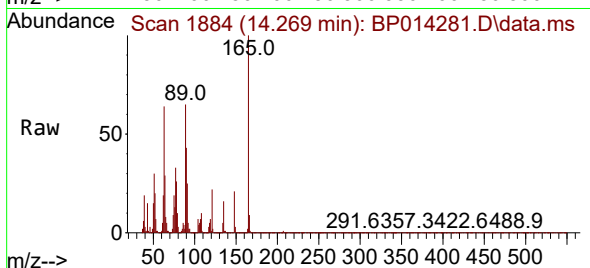
Tgt Ion:165 Resp: 181011

Ion Ratio Lower Upper

165 100

89 65.2 51.7 77.5

121 22.0 17.5 26.3



#50

Acenaphthylene

Concen: 20.422 ng/ul

RT: 14.410 min Scan# 1908

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

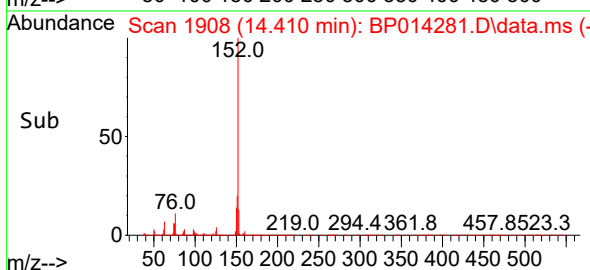
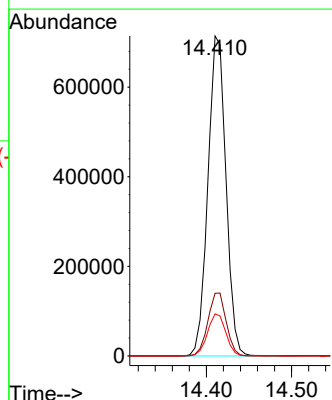
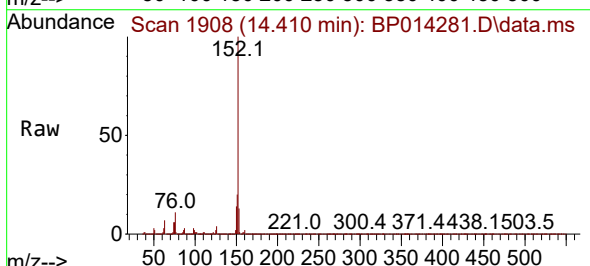
Tgt Ion:152 Resp: 1049994

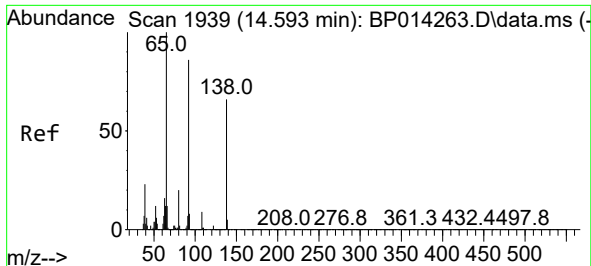
Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.1 10.4 15.6

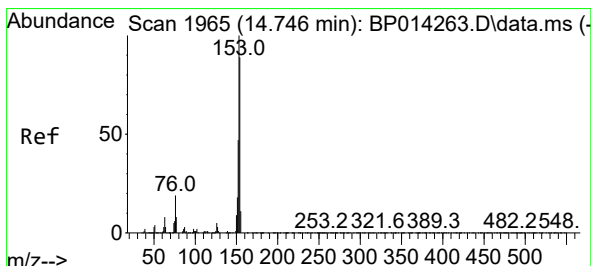
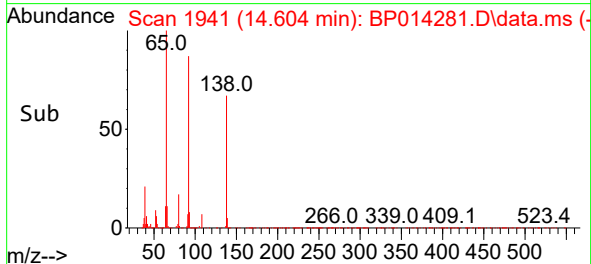
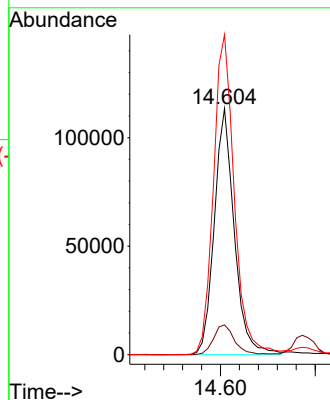
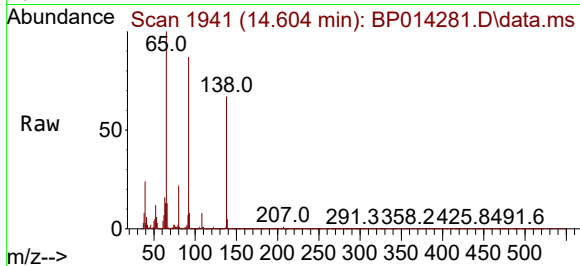




#51
3-Nitroaniline
Concen: 20.742 ng/ul
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

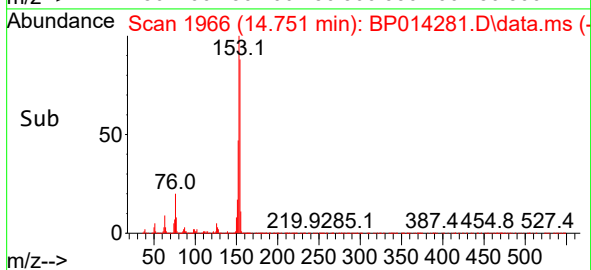
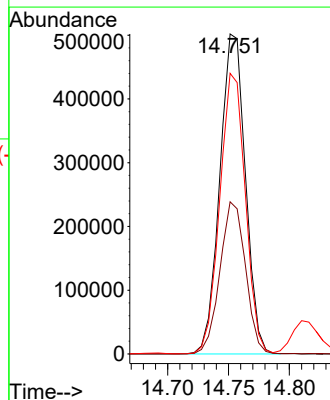
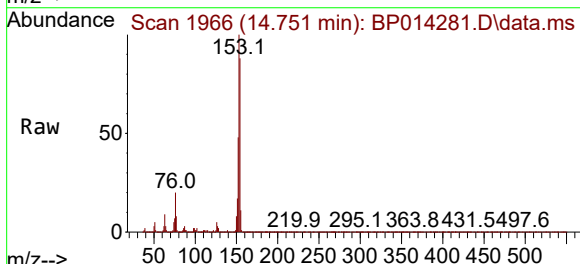
Instrument :
BNA_P
ClientSampleId :
SSTD020791

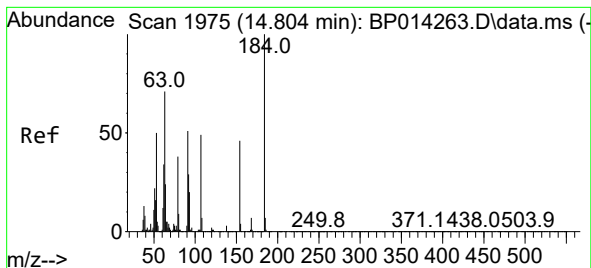
Tgt Ion:138 Resp: 166206
Ion Ratio Lower Upper
138 100
108 12.1 10.5 15.7
92 130.0 98.5 147.7



#52
Acenaphthene
Concen: 20.472 ng/ul
RT: 14.751 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:153 Resp: 735820
Ion Ratio Lower Upper
153 100
152 47.6 37.7 56.5
154 87.7 70.4 105.6





#53

2,4-Dinitrophenol

Concen: 17.908 ng/ul

RT: 14.810 min Scan# 1975

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

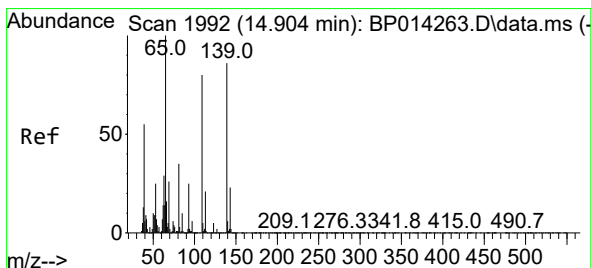
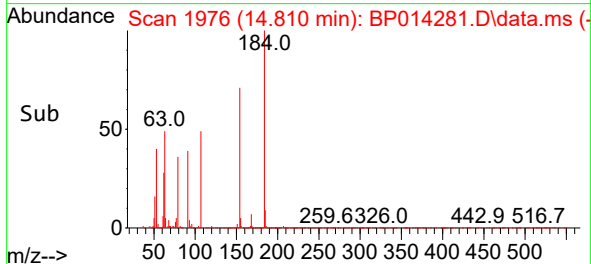
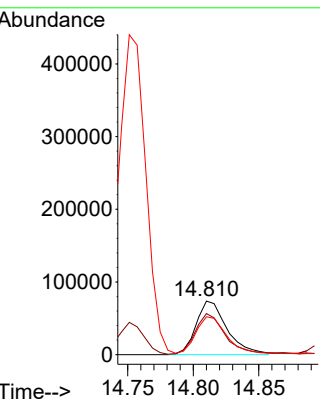
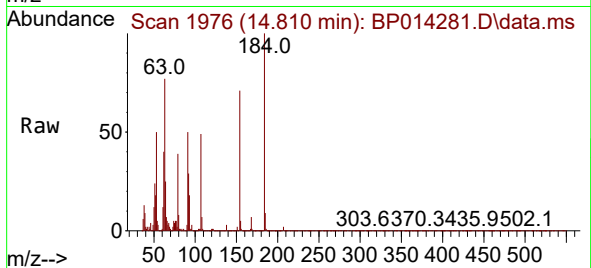
Tgt Ion:184 Resp: 121031

Ion Ratio Lower Upper

184 100

63 76.7 51.9 77.9

154 70.8 58.8 88.2



#55

4-Nitrophenol

Concen: 20.400 ng/ul

RT: 14.910 min Scan# 1993

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

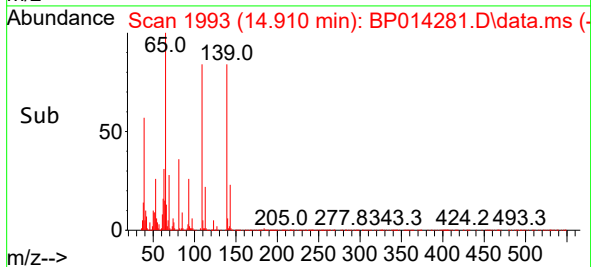
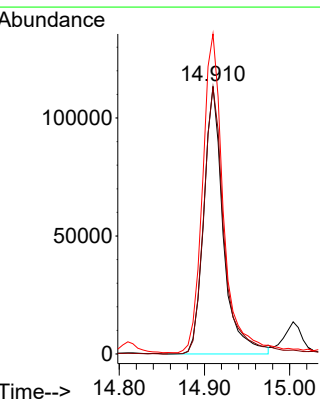
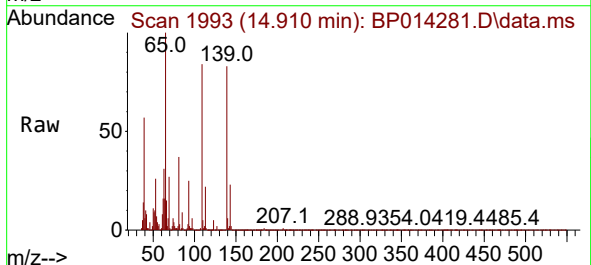
Tgt Ion:109 Resp: 179587

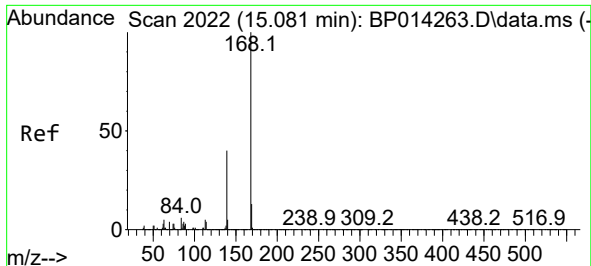
Ion Ratio Lower Upper

109 100

139 99.7 74.5 111.7

65 119.6 86.6 130.0

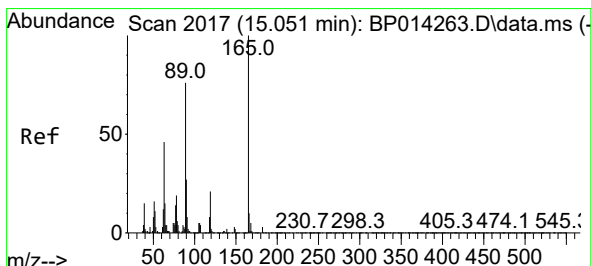
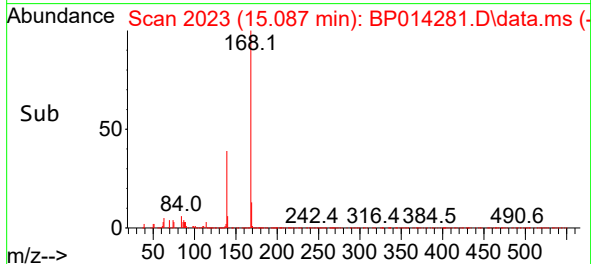
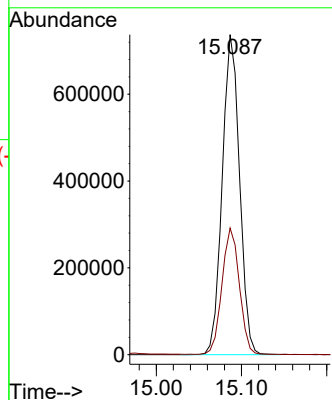
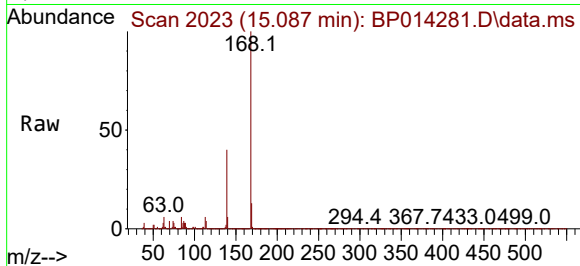




#56
Dibenzofuran
Concen: 19.878 ng/ul
RT: 15.087 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

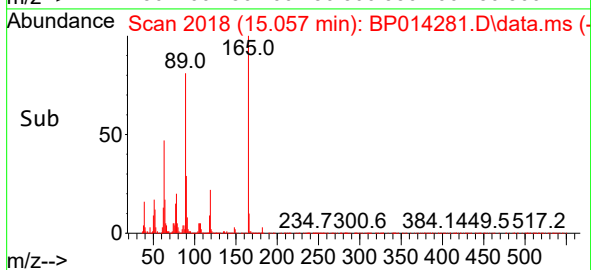
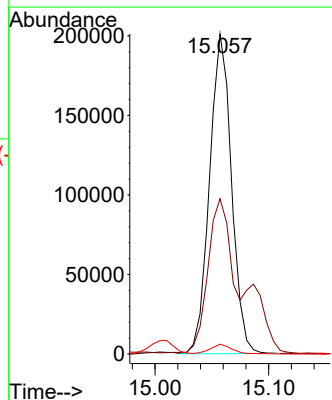
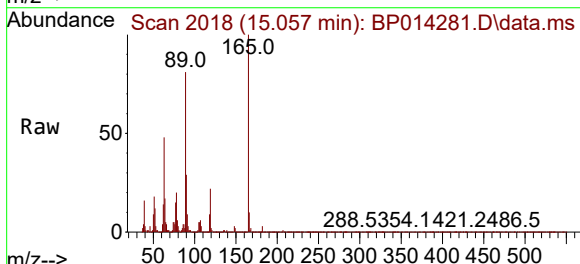
Instrument :
BNA_P
ClientSampleId :
SSTD020791

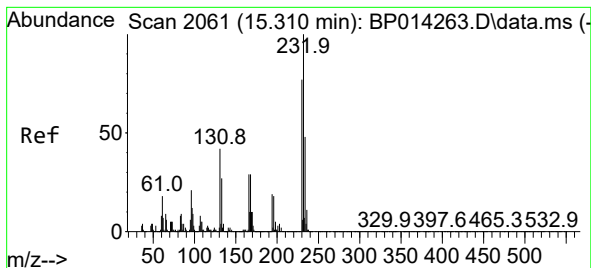
Tgt Ion:168 Resp: 1039381
Ion Ratio Lower Upper
168 100
139 39.6 31.8 47.6



#57
2,4-Dinitrotoluene
Concen: 19.946 ng/ul
RT: 15.057 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:165 Resp: 269708
Ion Ratio Lower Upper
165 100
63 48.5 34.6 52.0
182 3.1 2.2 3.2

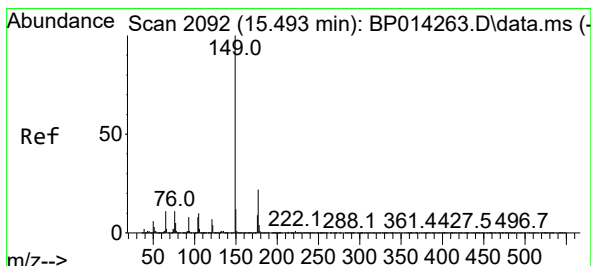
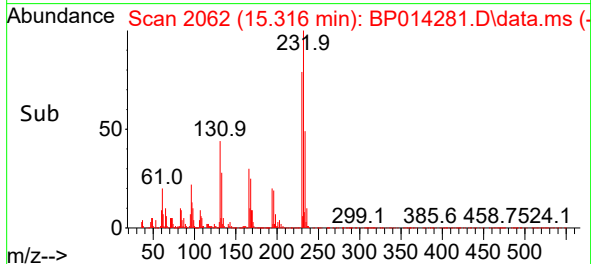
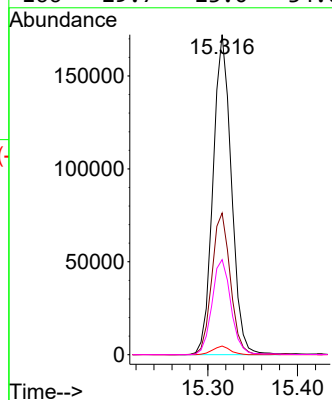
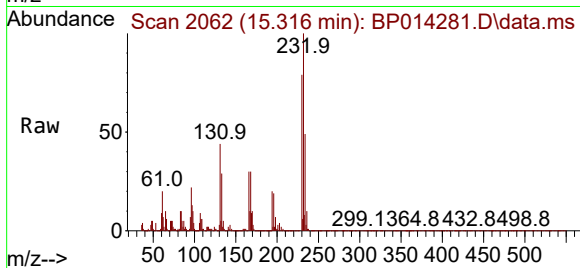




#58
2,3,4,6-Tetrachlorophenol
Concen: 18.864 ng/ul
RT: 15.316 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

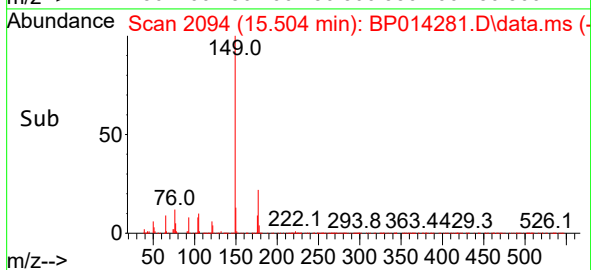
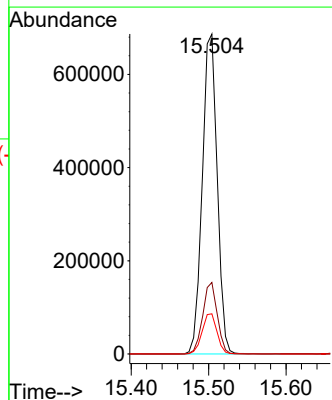
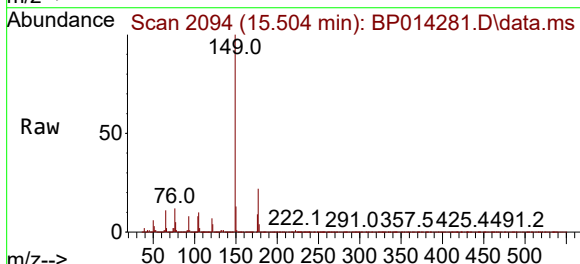
Instrument :
BNA_P
ClientSampleId :
SSTD020791

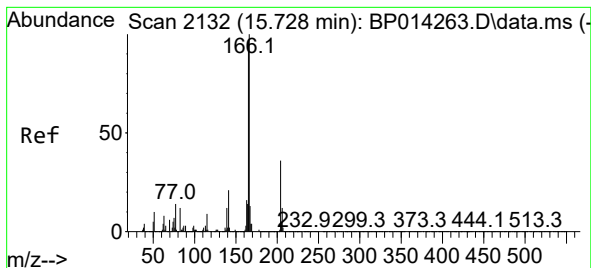
Tgt Ion:232	Resp: 245180
Ion Ratio	Lower Upper
232 100	
131 44.3	34.1 51.1
130 2.7	2.1 3.1
166 29.7	23.0 34.6



#59
Diethylphthalate
Concen: 19.767 ng/ul
RT: 15.504 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:149	Resp: 917775
Ion Ratio	Lower Upper
149 100	
177 22.3	18.2 27.2
150 12.5	10.0 15.0





#61

Fluorene

Concen: 20.254 ng/ul

RT: 15.739 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

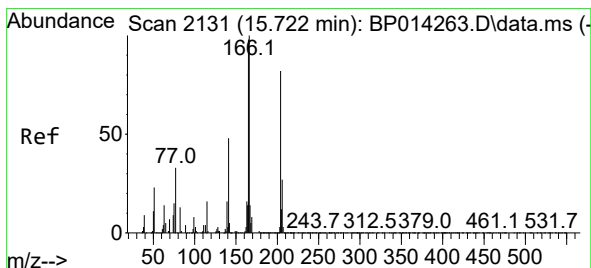
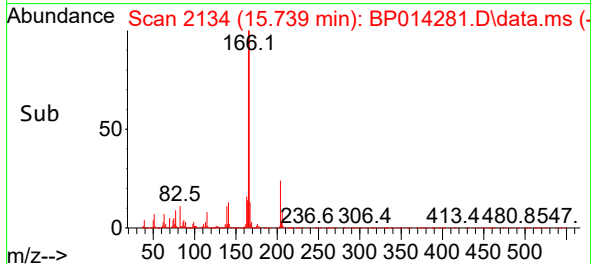
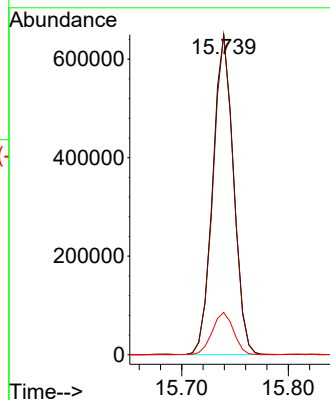
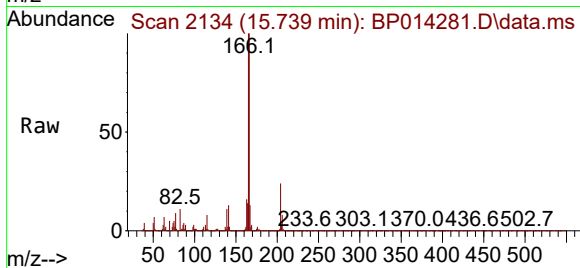
Tgt Ion:166 Resp: 877891

Ion Ratio Lower Upper

166 100

165 99.8 78.9 118.3

167 13.2 11.0 16.6



#62

4-Chlorophenyl-phenylether

Concen: 19.137 ng/ul

RT: 15.728 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

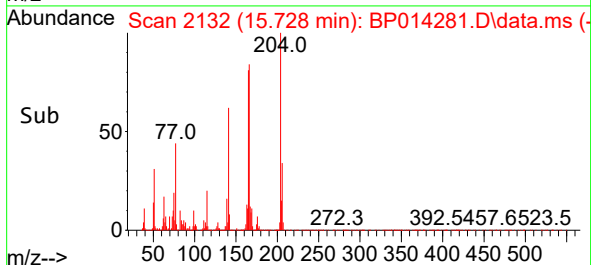
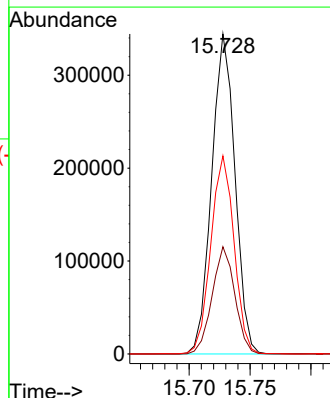
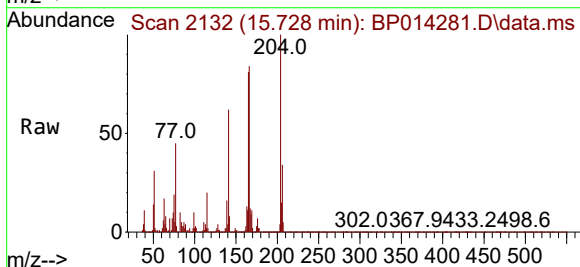
Tgt Ion:204 Resp: 457819

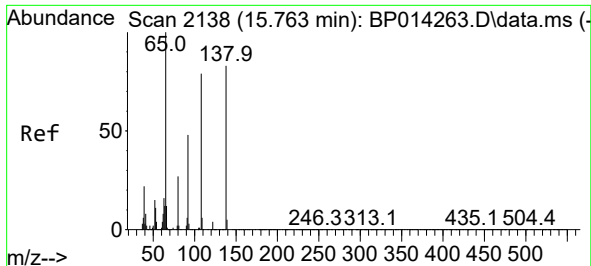
Ion Ratio Lower Upper

204 100

206 33.5 26.6 39.8

141 61.9 49.2 73.8

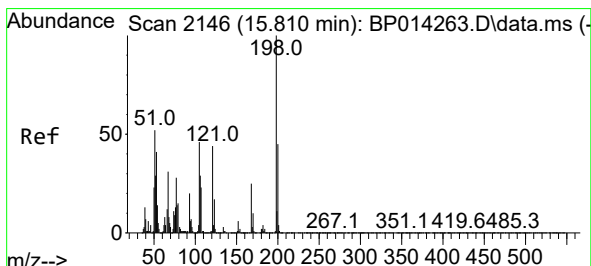
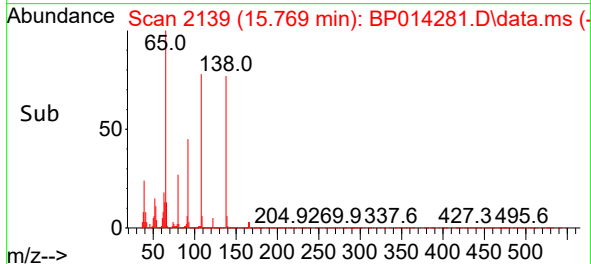
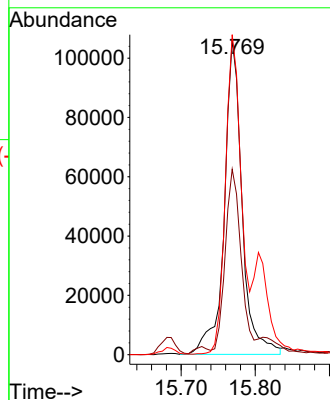
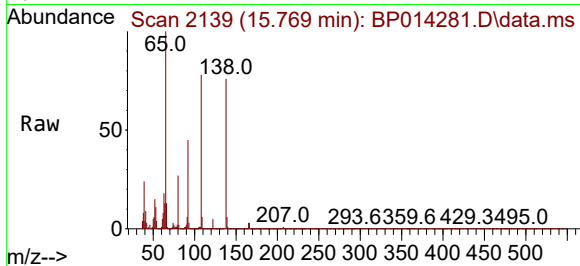




#63
4-Nitroaniline
Concen: 21.503 ng/ul
RT: 15.769 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

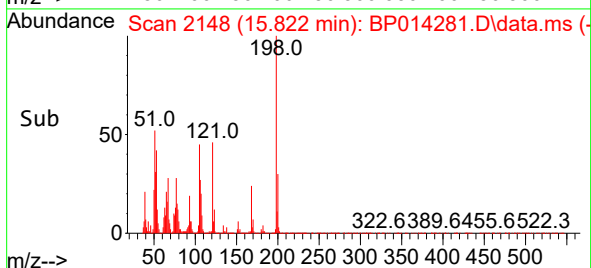
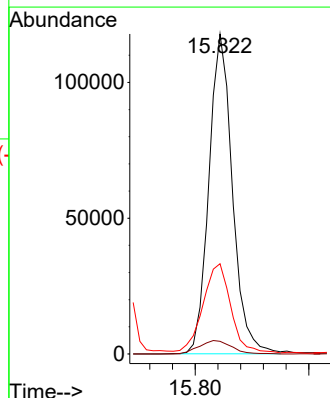
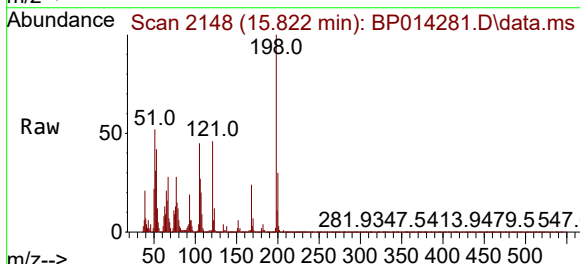
Instrument :
BNA_P
ClientSampleId :
SSTD020791

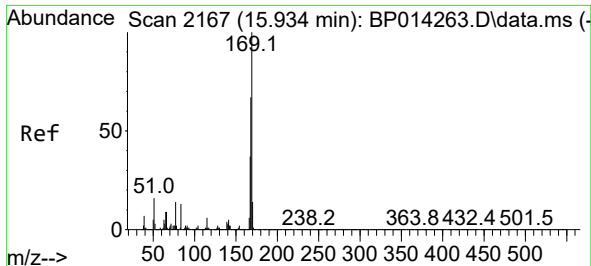
Tgt Ion:138 Resp: 177119
Ion Ratio Lower Upper
138 100
92 58.9 44.5 66.7
108 101.6 87.2 130.8



#66
4,6-Dinitro-2-methylphenol
Concen: 18.412 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:198 Resp: 169460
Ion Ratio Lower Upper
198 100
182 4.0 3.0 4.6
77 28.2 20.3 30.5

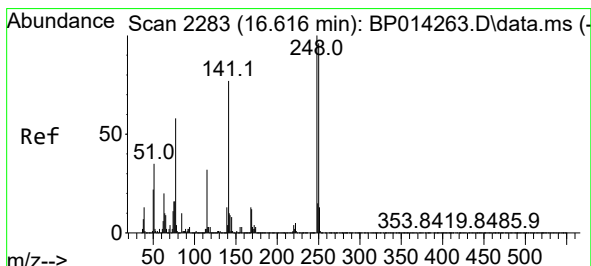
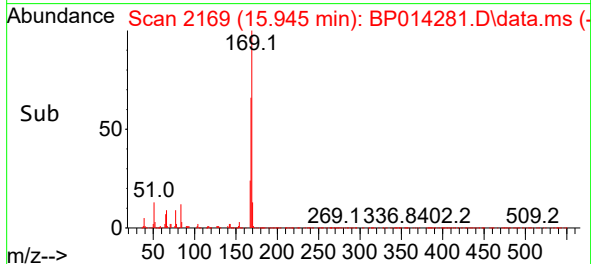
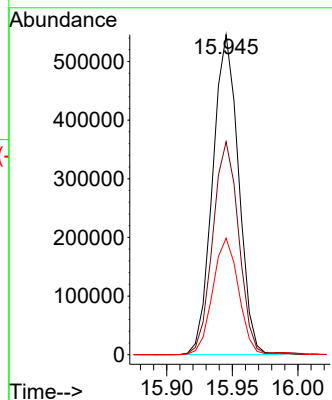
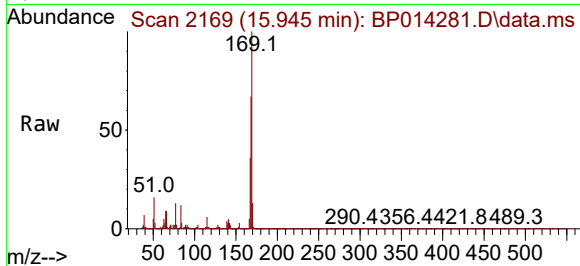




#67
N-Nitrosodiphenylamine
Concen: 20.747 ng/ul
RT: 15.945 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

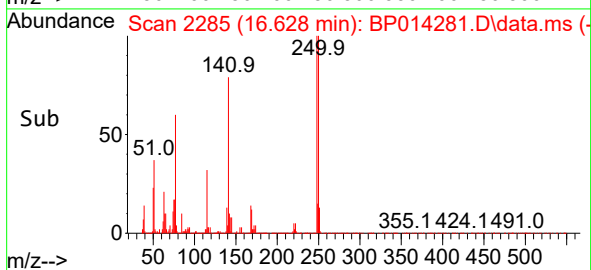
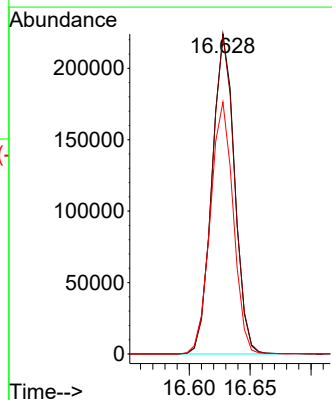
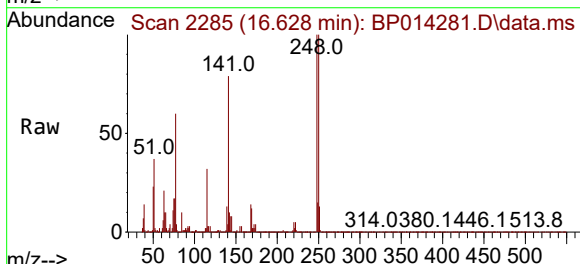
Instrument :
BNA_P
ClientSampleId :
SSTD020791

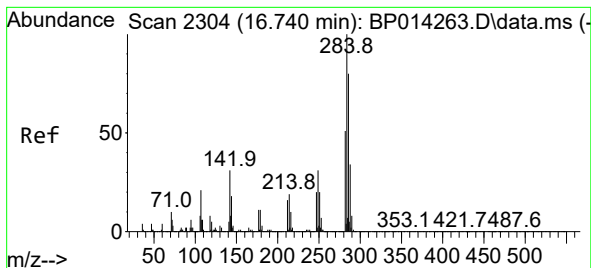
Tgt Ion:169 Resp: 747921
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 36.4 28.6 43.0



#68
4-Bromophenyl-phenylether
Concen: 18.709 ng/ul
RT: 16.628 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:248 Resp: 288681
Ion Ratio Lower Upper
248 100
250 99.5 78.8 118.2
141 78.7 60.8 91.2





#69

Hexachlorobenzene

Concen: 18.708 ng/ul

RT: 16.745 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

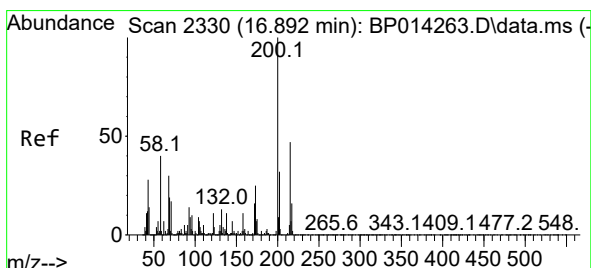
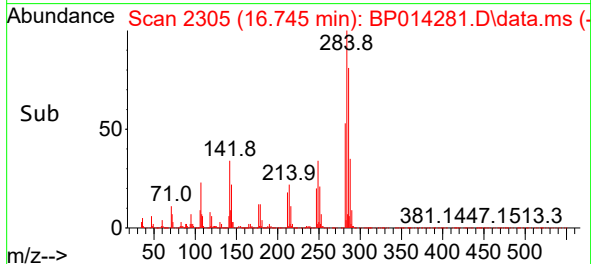
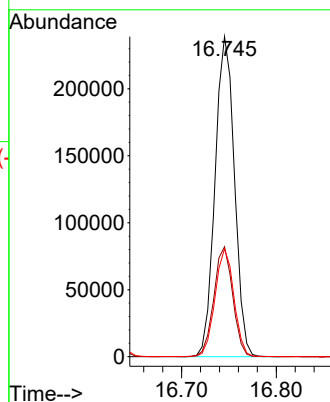
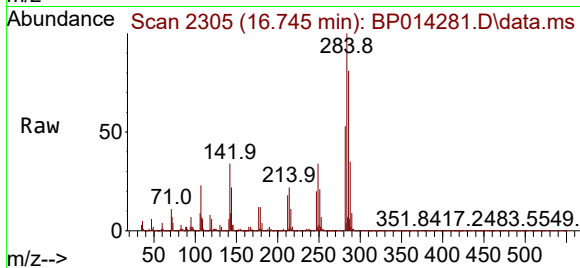
Tgt Ion:284 Resp: 340176

Ion Ratio Lower Upper

284 100

142 34.3 23.2 34.8

249 33.7 25.7 38.5



#70

Atrazine

Concen: 19.433 ng/ul

RT: 16.898 min Scan# 2331

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

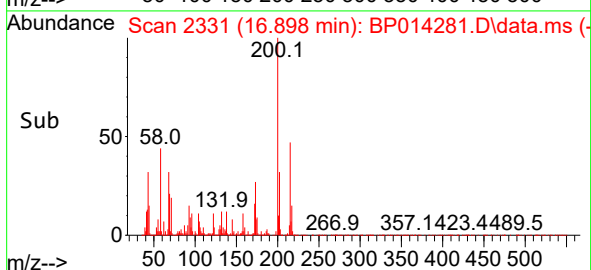
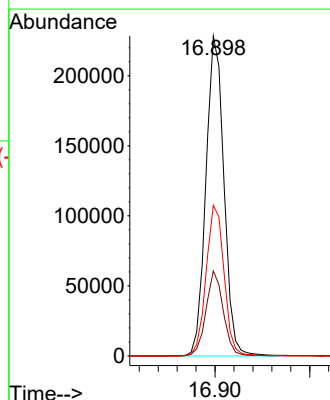
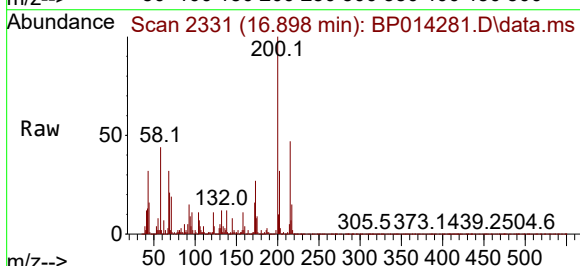
Tgt Ion:200 Resp: 302155

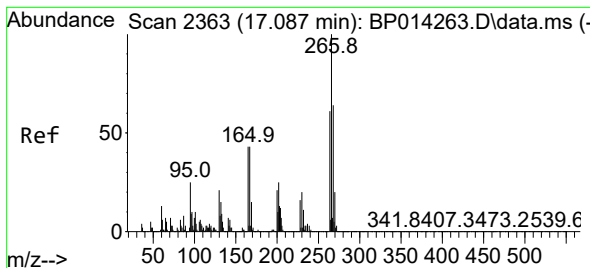
Ion Ratio Lower Upper

200 100

173 26.5 19.0 28.4

215 47.1 38.5 57.7





#71

Pentachlorophenol

Concen: 19.625 ng/ul

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

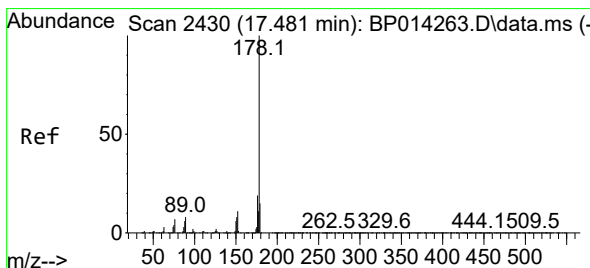
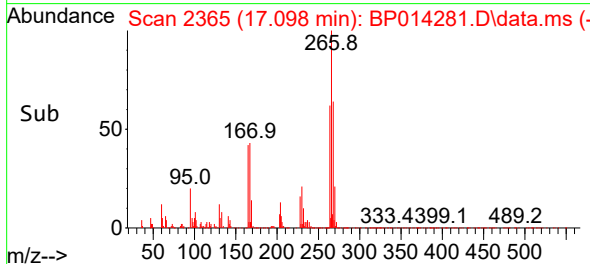
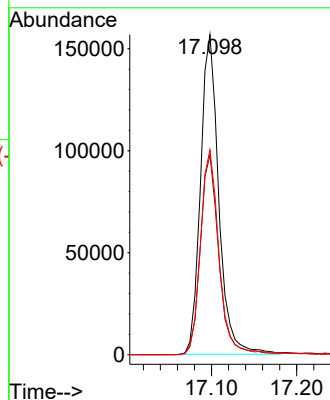
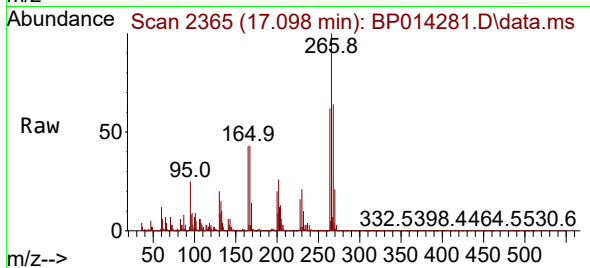
Tgt Ion:266 Resp: 233261

Ion Ratio Lower Upper

266 100

264 62.5 48.4 72.6

268 64.1 50.4 75.6



#72

Phenanthrene

Concen: 20.461 ng/ul

RT: 17.492 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

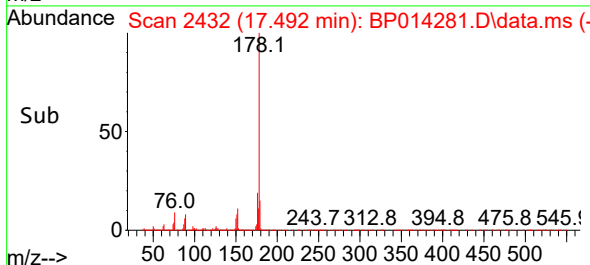
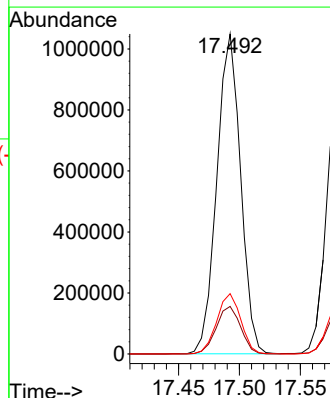
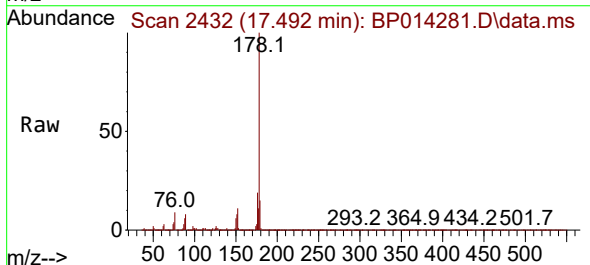
Tgt Ion:178 Resp: 1424476

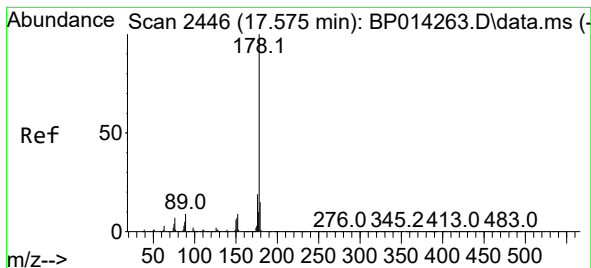
Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

176 18.8 15.4 23.0





#74

Anthracene

Concen: 20.544 ng/uI

RT: 17.581 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

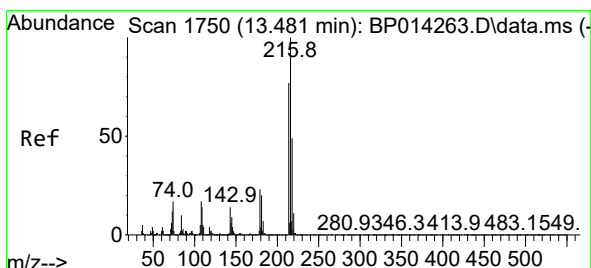
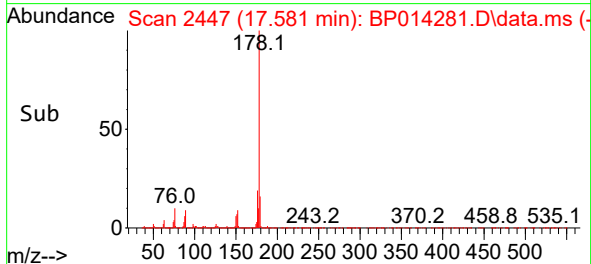
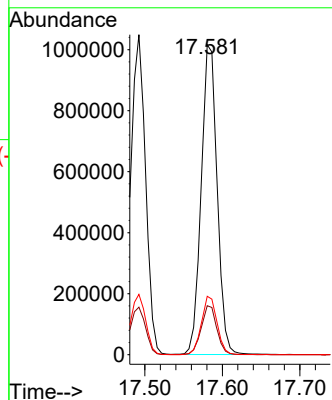
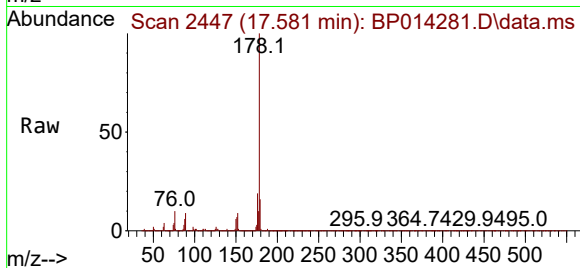
Tgt Ion:178 Resp: 1450141

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 18.8 15.1 22.7



#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.480 ng/uI

RT: 13.487 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

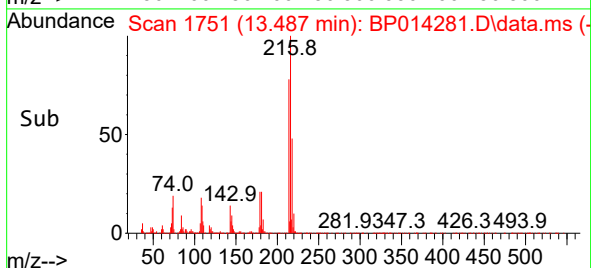
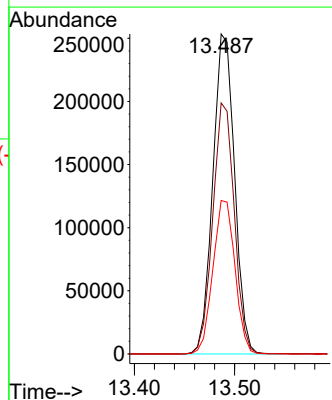
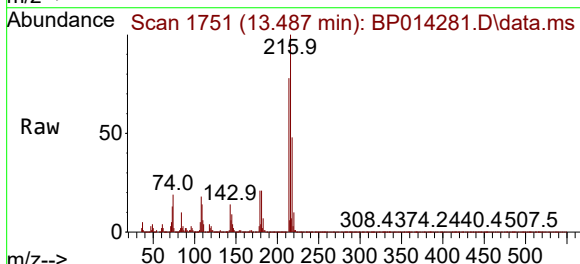
Tgt Ion:216 Resp: 381599

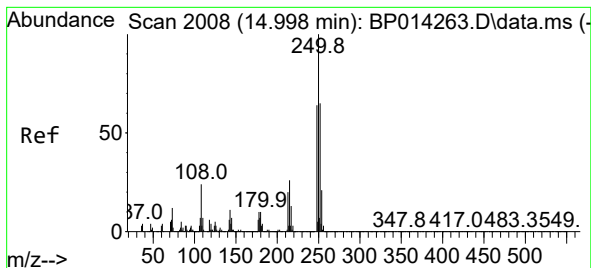
Ion Ratio Lower Upper

216 100

214 78.5 61.4 92.2

218 48.0 39.1 58.7





#76

Pentachlorobenzene

Concen: 19.232 ng/uL

RT: 15.004 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

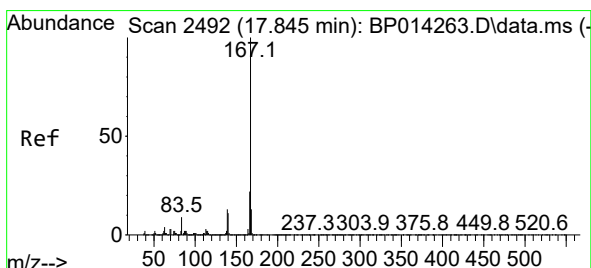
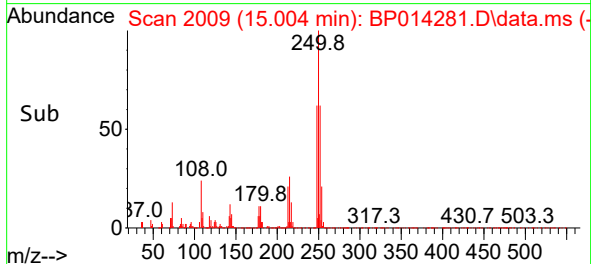
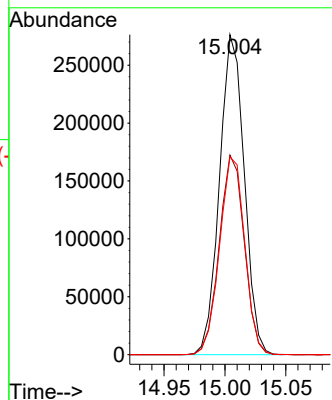
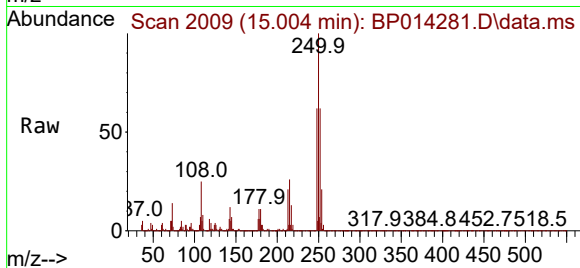
Tgt Ion:250 Resp: 391334

Ion Ratio Lower Upper

250 100

248 62.3 51.0 76.4

252 61.8 50.8 76.2



#77

Carbazole

Concen: 20.782 ng/uL

RT: 17.851 min Scan# 2493

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

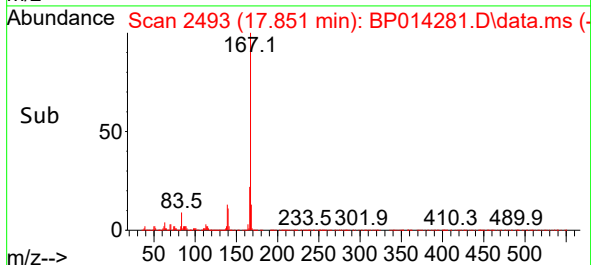
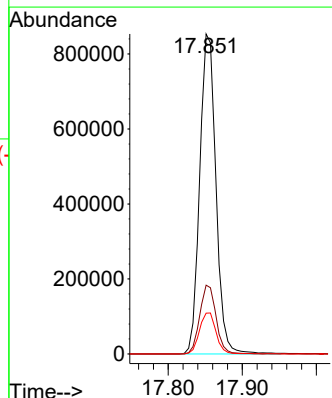
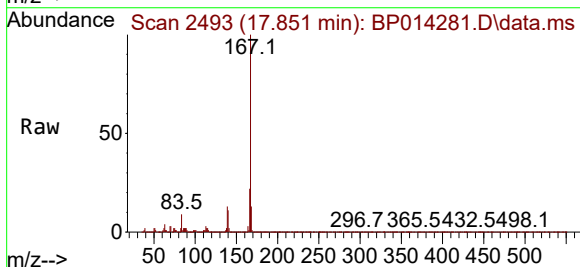
Tgt Ion:167 Resp: 1293957

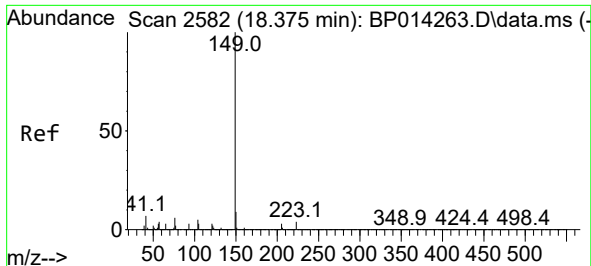
Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 12.8 10.5 15.7

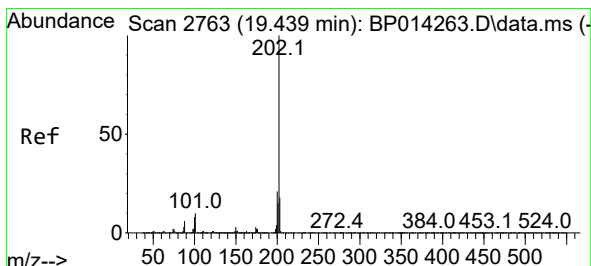
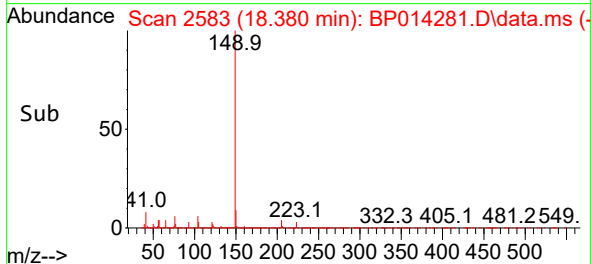
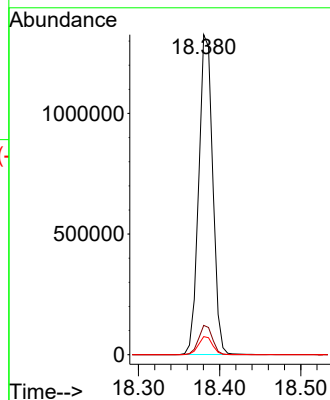
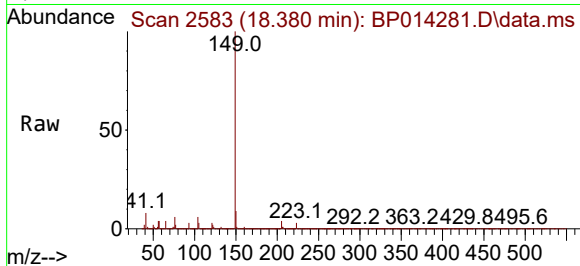




#78
Di-n-butylphthalate
Concen: 20.452 ng/ul
RT: 18.380 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

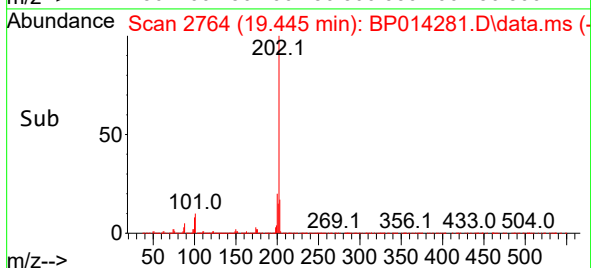
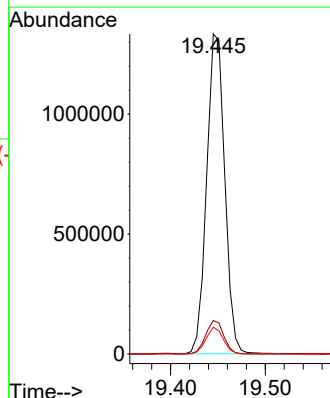
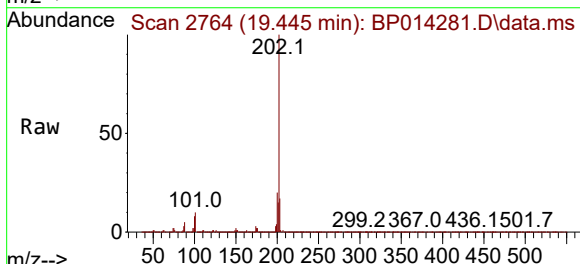
Instrument :
BNA_P
ClientSampleId :
SSTD020791

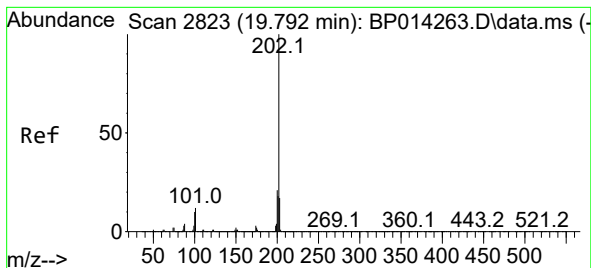
Tgt Ion:149 Resp: 1591445
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.6 4.6 6.8



#80
Fluoranthene
Concen: 21.904 ng/ul
RT: 19.445 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:202 Resp: 1769393
Ion Ratio Lower Upper
202 100
101 10.5 6.6 10.0#
100 8.3 5.0 7.4#





#82

Pyrene

Concen: 21.828 ng/ul

RT: 19.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

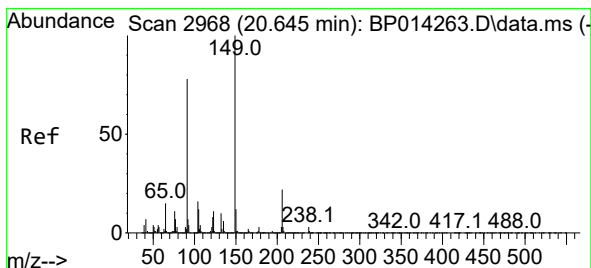
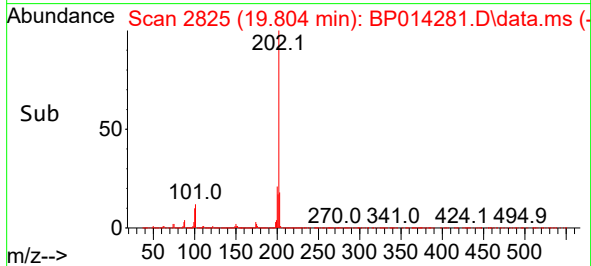
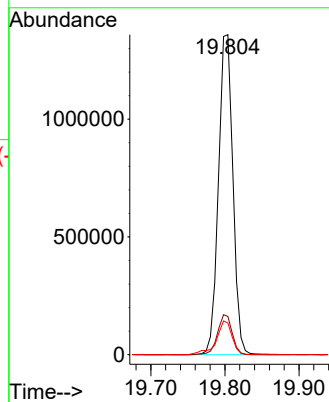
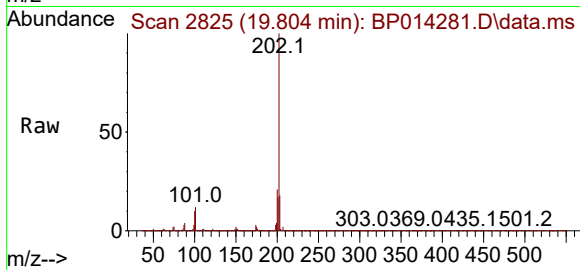
Tgt Ion:202 Resp: 1839389

Ion Ratio Lower Upper

202 100

101 12.0 7.8 11.8#

100 9.9 6.5 9.7#



#83

Butylbenzylphthalate

Concen: 21.979 ng/ul

RT: 20.657 min Scan# 2970

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

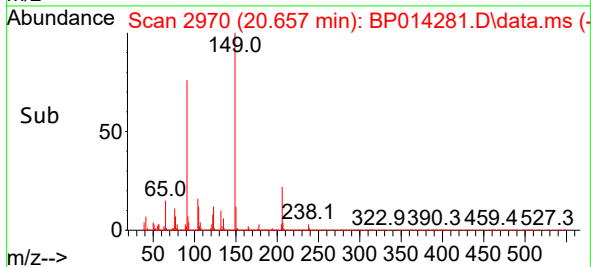
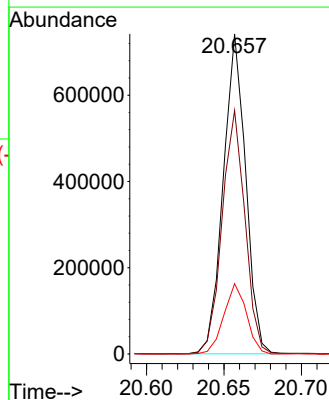
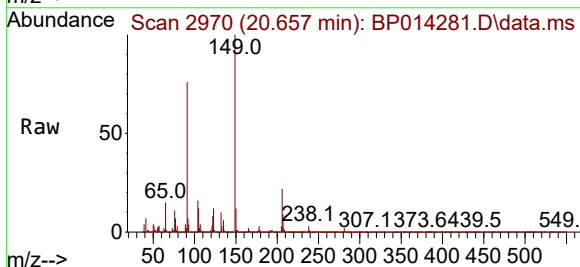
Tgt Ion:149 Resp: 746800

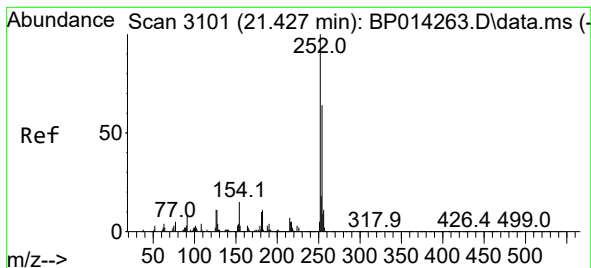
Ion Ratio Lower Upper

149 100

91 76.1 57.9 86.9

206 21.9 17.9 26.9





#84

3,3'-Dichlorobenzidine

Concen: 18.849 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

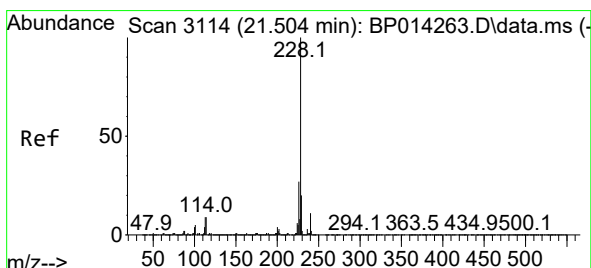
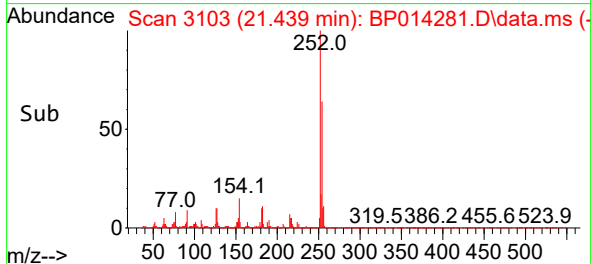
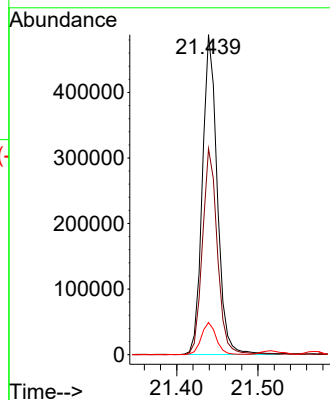
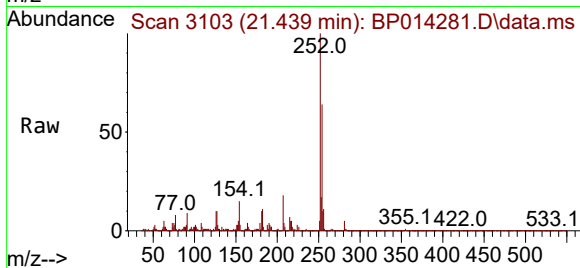
Tgt Ion:252 Resp: 620043

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

126 10.0 6.9 10.3



#85

Benzo(a)anthracene

Concen: 20.418 ng/ul

RT: 21.516 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

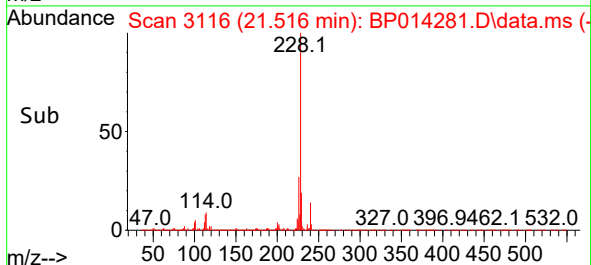
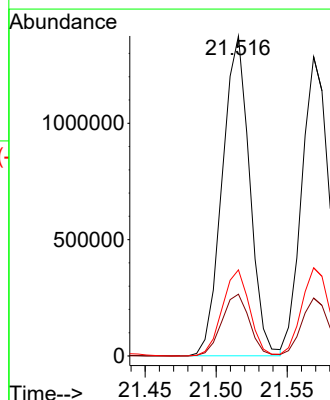
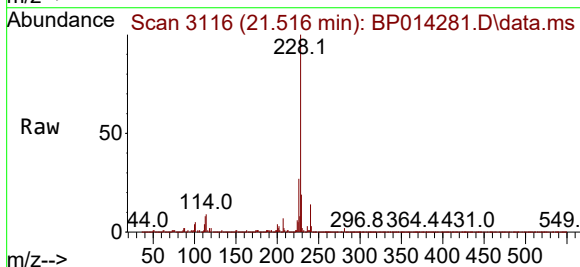
Tgt Ion:228 Resp: 1845413

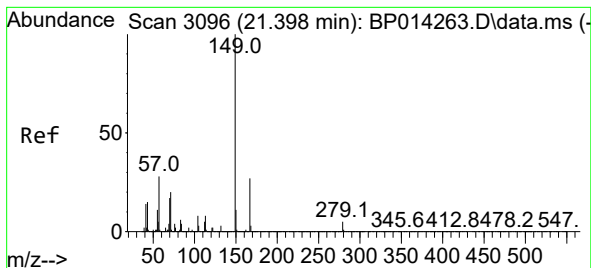
Ion Ratio Lower Upper

228 100

229 19.3 15.5 23.3

226 26.9 22.1 33.1

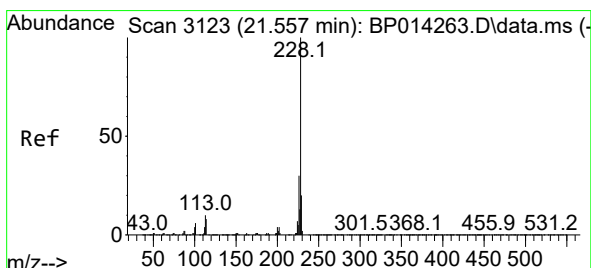
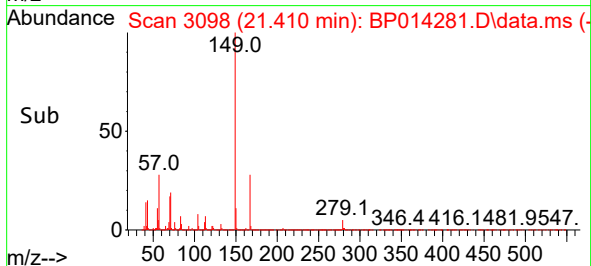
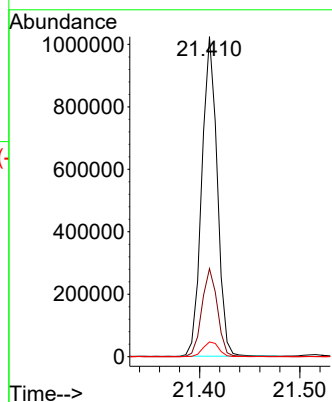
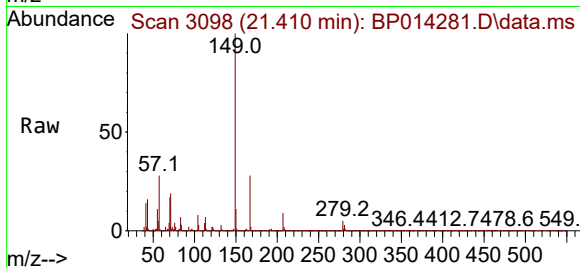




#86
Bis(2-ethylhexyl)phthalate
Concen: 21.554 ng/ul
RT: 21.410 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

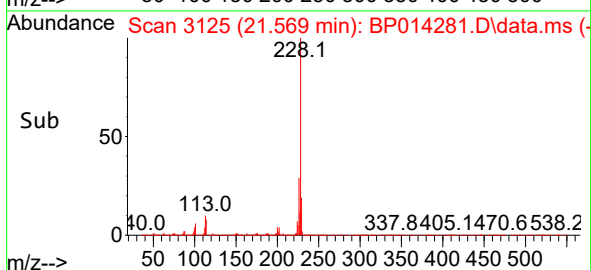
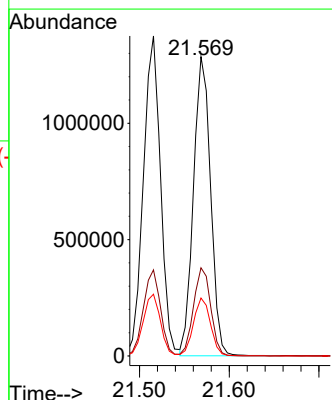
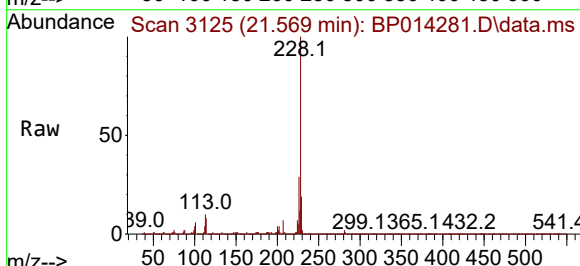
Instrument :
BNA_P
ClientSampleId :
SSTD020791

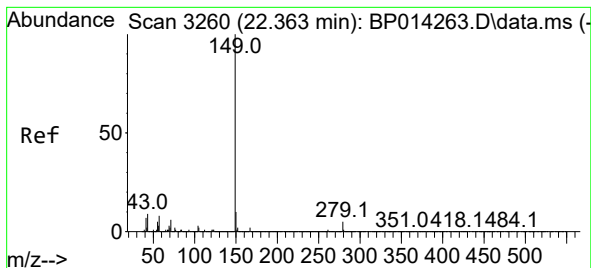
Tgt Ion:149 Resp: 1094927
Ion Ratio Lower Upper
149 100
167 27.5 22.3 33.5
279 4.6 4.3 6.5



#87
Chrysene
Concen: 19.788 ng/ul
RT: 21.569 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BP014281.D
Acq: 24 Mar 2023 09:08

Tgt Ion:228 Resp: 1704454
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 19.4 15.7 23.5





#89

Di-n-octyl phthalate

Concen: 22.254 ng/ul

RT: 22.374 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

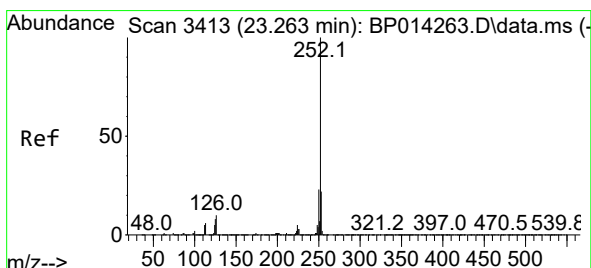
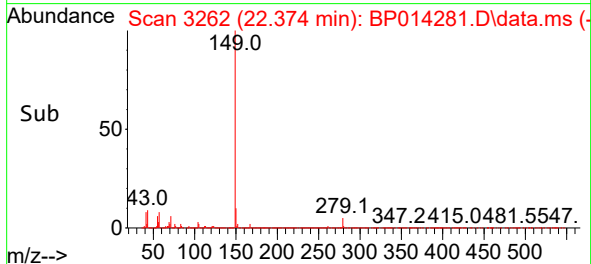
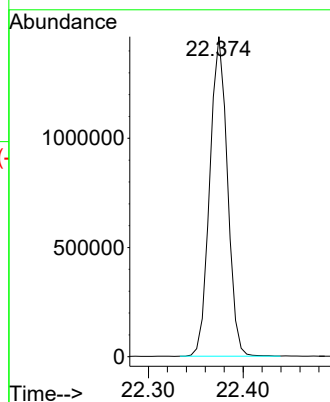
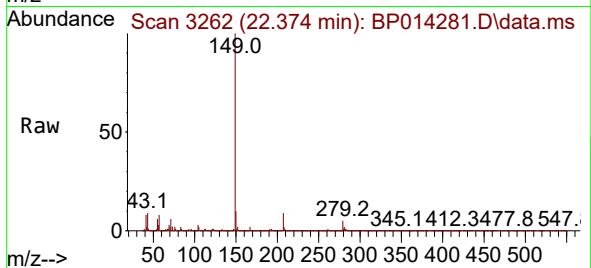
Instrument :

BNA_P

ClientSampleId :

SSTD020791

Tgt Ion:149 Resp: 1893524



#90

Benzo(b)fluoranthene

Concen: 20.607 ng/ul

RT: 23.280 min Scan# 3416

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

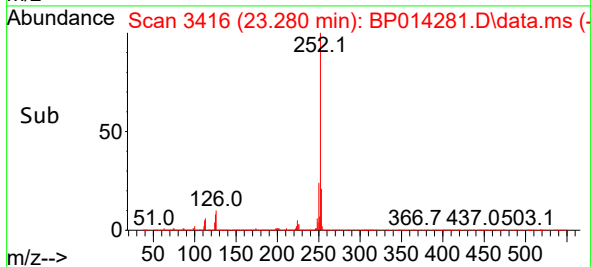
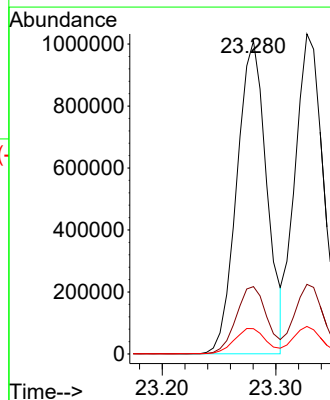
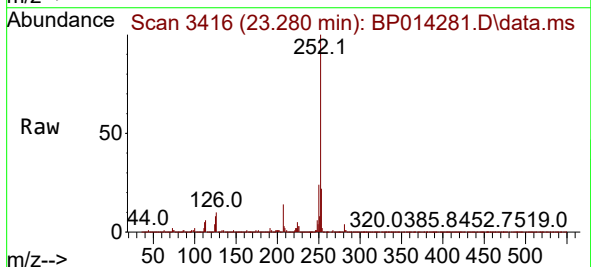
Tgt Ion:252 Resp: 1851609

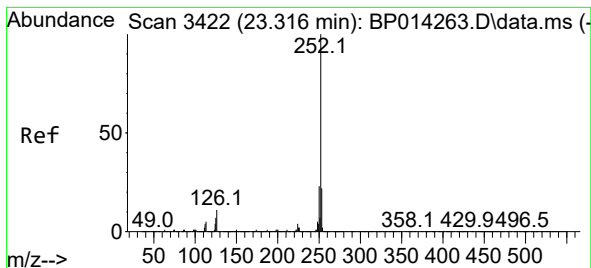
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 8.1 5.4 8.2





#91

Benzo(k)fluoranthene

Concen: 21.610 ng/ul

RT: 23.280 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

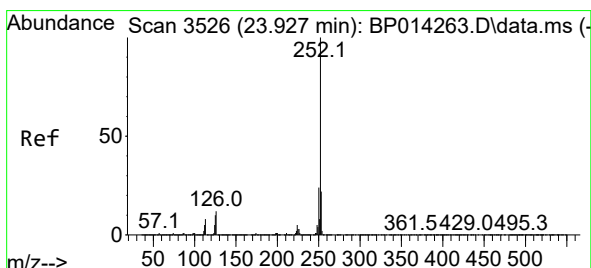
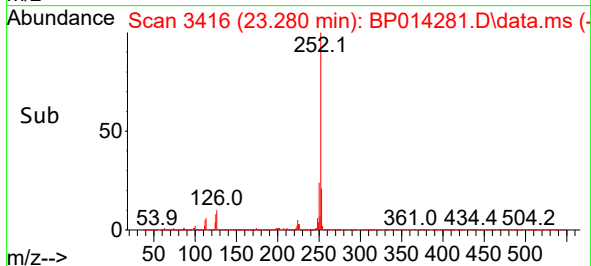
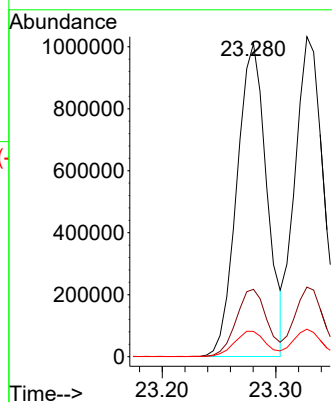
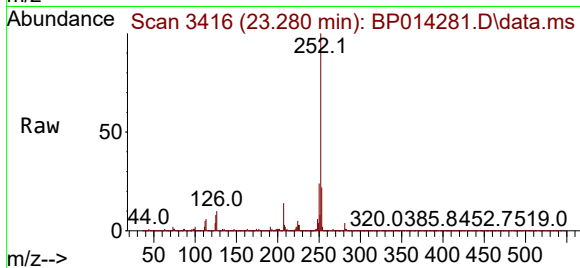
Tgt Ion:252 Resp: 1851609

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 8.1 5.5 8.3



#93

Benzo(a)pyrene

Concen: 19.837 ng/ul

RT: 23.945 min Scan# 3529

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

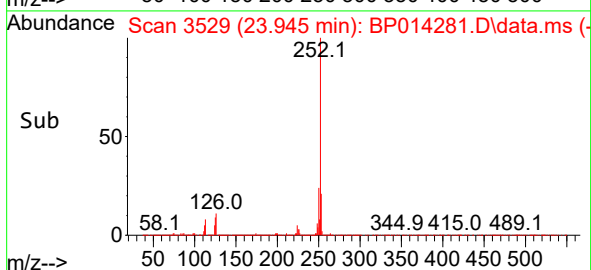
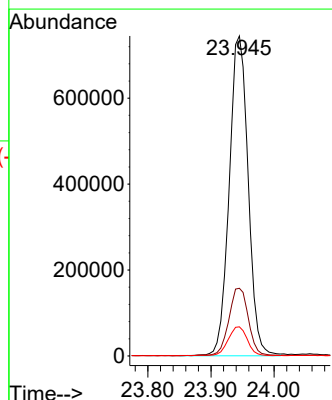
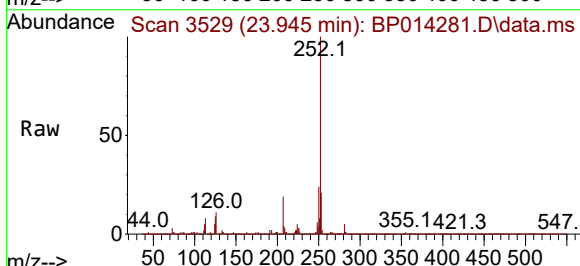
Tgt Ion:252 Resp: 1550342

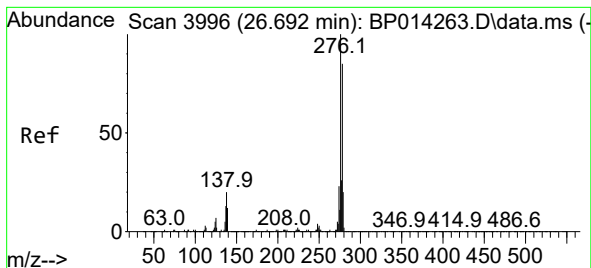
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

125 9.1 6.2 9.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 17.459 ng/ul

RT: 26.709 min Scan# 3999

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791

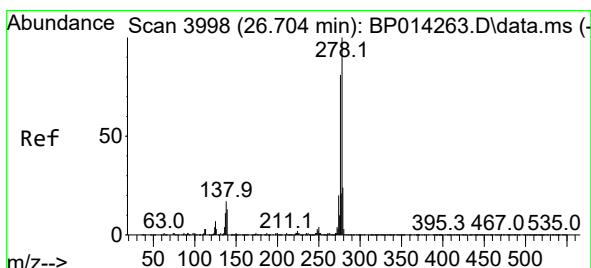
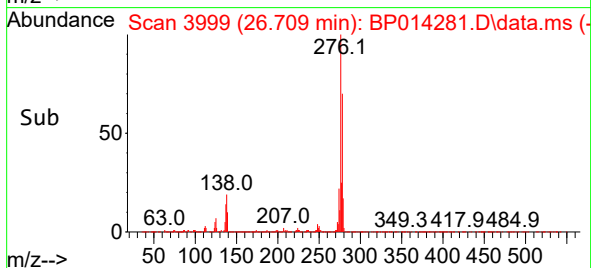
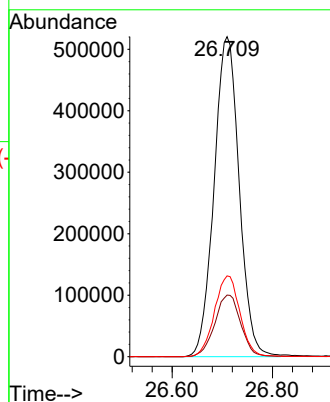
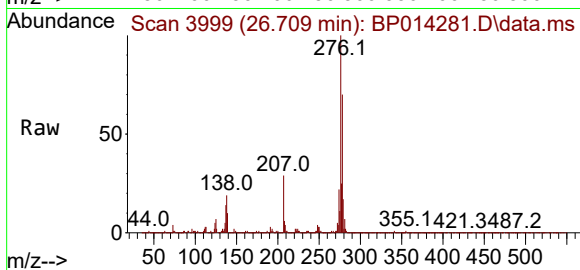
Tgt Ion:276 Resp: 1806311

Ion Ratio Lower Upper

276 100

138 19.2 13.1 19.7

277 25.3 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 17.539 ng/ul

RT: 26.727 min Scan# 4002

Delta R.T. 0.000 min

Lab File: BP014281.D

Acq: 24 Mar 2023 09:08

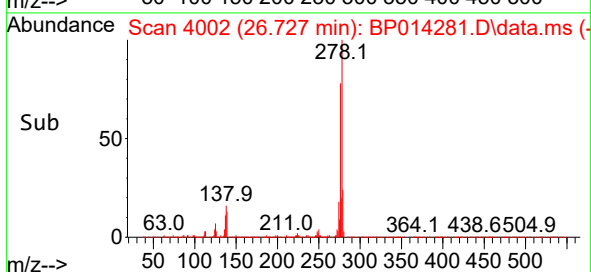
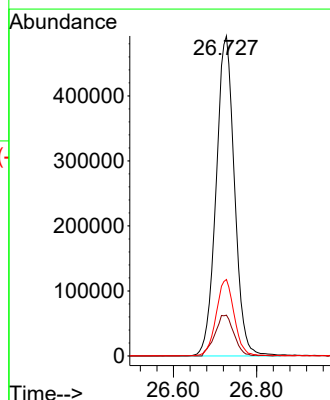
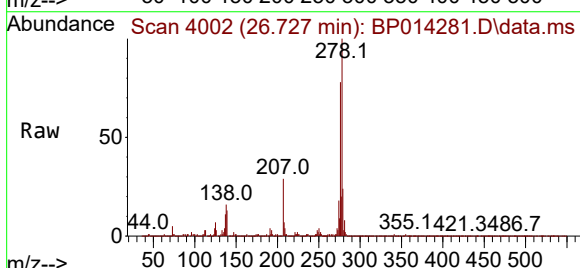
Tgt Ion:278 Resp: 1508196

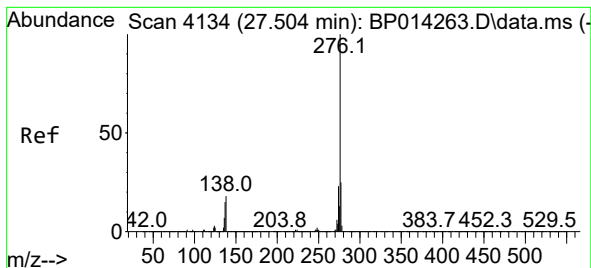
Ion Ratio Lower Upper

278 100

139 12.8 8.7 13.1

279 23.9 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 16.932 ng/ul

RT: 27.527 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP014281.D

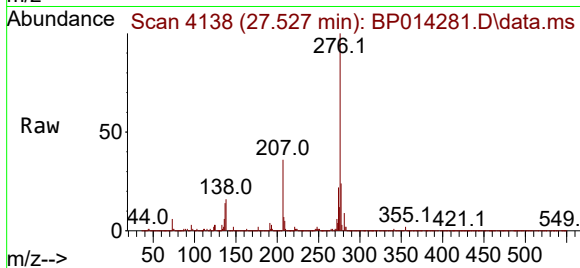
Acq: 24 Mar 2023 09:08

Instrument :

BNA_P

ClientSampleId :

SSTD020791



Tgt Ion:276 Resp: 1400179

Ion Ratio Lower Upper

276 100

138 16.3 11.9 17.9

277 24.0 18.7 28.1

