

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
 Data File : BP015002.D
 Acq On : 08 May 2023 20:08
 Operator : CG/JU
 Sample : PB152664BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS664

Quant Time: May 08 22:52:11 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	8.164	152	324535	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1289282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	931313	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1945621	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1472628	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1254518	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	49015	5.616	ng/uL	0.00
4) Pyridine-d5	3.899	84	415156	17.402	ng/u1	0.00
7) Phenol-d5	7.311	99	965533	34.316	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	561570	32.291	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	740972	35.815	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	782217	36.075	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	374464	40.838	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	421297	44.744	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	708591	38.328	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	385182	14.404	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	2180537	33.082	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	2566886	32.471	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	430636	37.555	ng/u1	0.00
60) Fluorene-d10	15.798	176	1846021	32.553	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	387232	35.355	ng/u1	0.00
73) Anthracene-d10	17.663	188	2832560	32.402	ng/u1	0.00
81) Pyrene-d10	19.881	212	3077659	30.987	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	2079270	34.017	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	101129	10.694	ng/uL	98
5) Pyridine	3.917	79	625361	25.179	ng/u1	99
6) Benzaldehyde	7.287	77	485334	63.089	ng/u1	99
8) Phenol	7.340	94	970004	32.837	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.575	93	761717	31.023	ng/u1	99
12) 2-Chlorophenol	7.722	128	739742	33.006	ng/u1	99
13) 2-Methylphenol	8.605	108	747677	33.945	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.699	45	956381	30.709	ng/u1	100
16) Acetophenone	8.999	105	1154154	32.554	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.987	70	583128	32.273	ng/u1	98
18) 4-Methylphenol	8.940	108	816010	33.512	ng/u1	97
19) Hexachloroethane	9.258	117	296347	30.476	ng/u1	98
22) Nitrobenzene	9.387	77	863589	35.844	ng/u1	95
23) Isophorone	9.916	82	1709968	35.911	ng/u1	100
25) 2-Nitrophenol	10.105	139	435313	40.200	ng/u1	96
26) 2,4-Dimethylphenol	10.158	107	849670	36.155	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.393	93	969068	31.835	ng/u1	100
29) 2,4-Dichlorophenol	10.640	162	684460	35.793	ng/u1	99
30) Naphthalene	11.052	128	2052887	28.967	ng/u1	100
32) 4-Chloroaniline	11.158	127	704722	25.254	ng/u1	99
33) Hexachlorobutadiene	11.328	225	367723	29.802	ng/u1	100
34) Caprolactam	11.940	113	141183	23.965	ng/u1	99
35) 4-Chloro-3-methylphenol	12.269	107	703690	35.796	ng/u1	99
36) 2-Methylnaphthalene	12.646	142	1405768	32.076	ng/u1	100

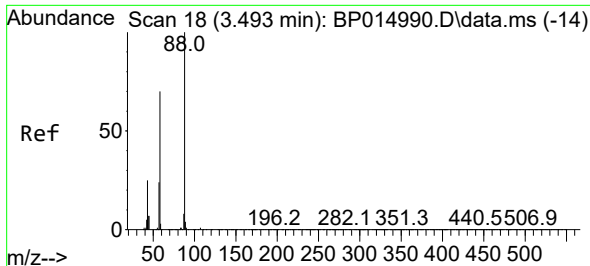
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.863	142	1453341	32.171	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	755968	26.023	ng/ul	98
40) Hexachlorocyclopentadiene	12.987	237	430566	21.981	ng/ul	98
41) 2,4,6-Trichlorophenol	13.246	196	578006	32.290	ng/ul	99
42) 2,4,5-Trichlorophenol	13.316	196	636826	33.008	ng/ul	96
43) 1,1'-Biphenyl	13.646	154	2159829	29.008	ng/ul	99
44) 2-Chloronaphthalene	13.693	162	1690241	29.143	ng/ul	99
45) 2-Nitroaniline	13.893	65	497404	36.828	ng/ul	97
47) Dimethylphthalate	14.257	163	2132957	30.775	ng/ul	99
48) 2,6-Dinitrotoluene	14.381	165	444460	36.290	ng/ul	98
50) Acenaphthylene	14.534	152	2669657	29.788	ng/ul	100
51) 3-Nitroaniline	14.710	138	451809	40.771	ng/ul	96
52) Acenaphthene	14.875	153	1814522	29.258	ng/ul	99
53) 2,4-Dinitrophenol	14.922	184	266933	35.810	ng/ul	93
55) 4-Nitrophenol	15.016	109	299216	34.281	ng/ul	96
56) Dibenzofuran	15.204	168	2506511	29.952	ng/ul	99
57) 2,4-Dinitrotoluene	15.169	165	639741	37.293	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.428	232	530436	33.783	ng/ul	96
59) Diethylphthalate	15.616	149	2132309	32.560	ng/ul	99
61) Fluorene	15.857	166	2001166	30.315	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.845	204	977890	30.271	ng/ul	96
63) 4-Nitroaniline	15.875	138	481270	52.033	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.940	198	375768	32.345	ng/ul#	93
67) N-Nitrosodiphenylamine	16.057	169	1740698	29.477	ng/ul	100
68) 4-Bromophenyl-phenylether	16.745	248	614875	30.379	ng/ul	96
69) Hexachlorobenzene	16.863	284	701839	29.438	ng/ul	98
70) Atrazine	17.010	200	438108	22.047	ng/ul	99
71) Pentachlorophenol	17.210	266	445302	31.996	ng/ul	98
72) Phenanthrene	17.610	178	3217223	29.931	ng/ul	99
74) Anthracene	17.698	178	3231670	30.199	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.610	216	851400	26.435	ng/uL	98
76) Pentachlorobenzene	15.128	250	817044	26.665	ng/uL	99
77) Carbazole	17.963	167	2957542	32.859	ng/ul	99
78) Di-n-butylphthalate	18.492	149	3673663	36.500	ng/ul	100
80) Fluoranthene	19.557	202	3605518	29.584	ng/ul	99
82) Pyrene	19.910	202	3669306	28.417	ng/ul	99
83) Butylbenzylphthalate	20.763	149	1596690	41.186	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.551	252	1014598	40.935	ng/ul	98
85) Benzo(a)anthracene	21.628	228	3153507	32.083	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.522	149	2350959	48.196	ng/ul	100
87) Chrysene	21.686	228	2965162	29.960	ng/ul	99
89) Di-n-octyl phthalate	22.516	149	3915477	53.454	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	2642065	32.587	ng/ul	99
91) Benzo(k)fluoranthene	23.492	252	2557801	30.998	ng/ul	99
93) Benzo(a)pyrene	24.127	252	2213205	31.126	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.010	276	2717421	31.330	ng/ul	98
95) Dibenzo(a,h)anthracene	27.021	278	2254787	31.718	ng/ul	99
96) Benzo(g,h,i)perylene	27.857	276	2262811	30.653	ng/ul	98

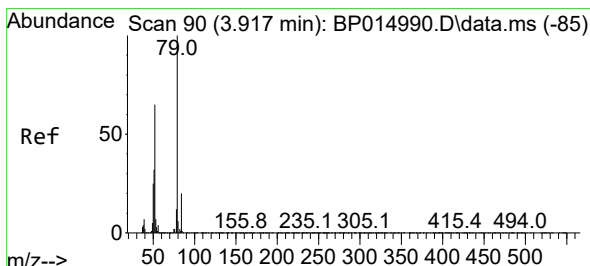
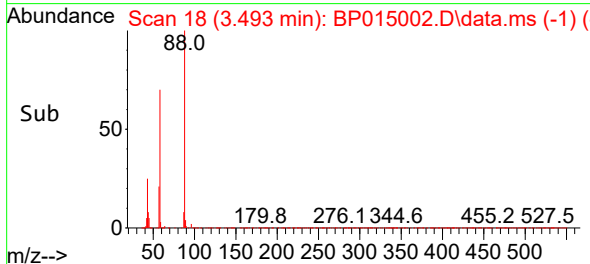
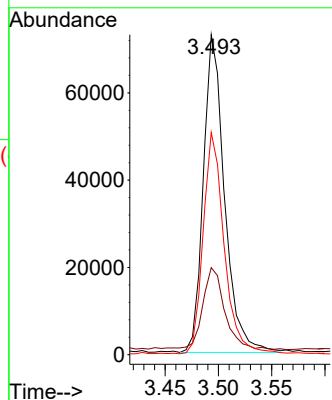
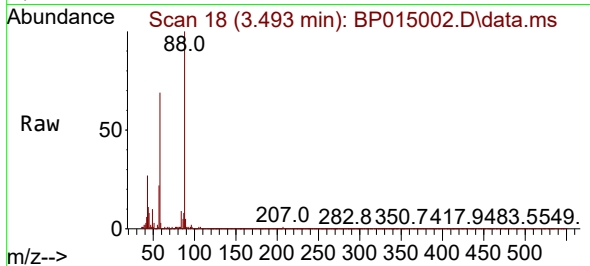
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#2
1,4-Dioxane
Concen: 10.694 ng/uL
RT: 3.493 min Scan# 18
Delta R.T. -0.006 min
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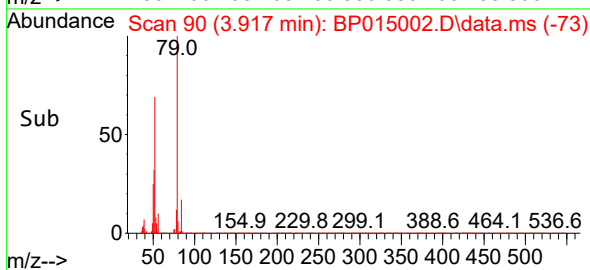
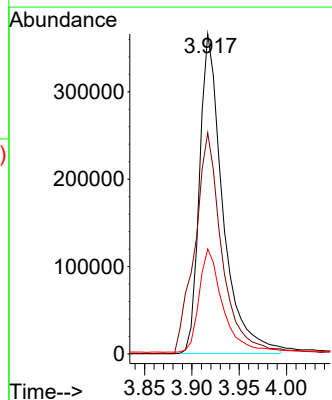
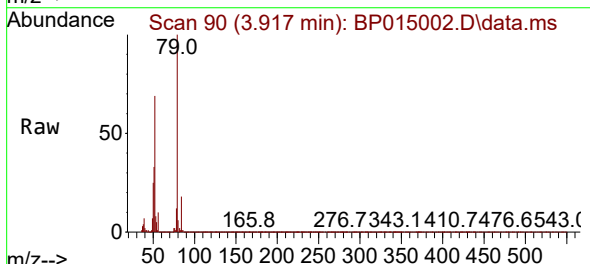
Instrument :
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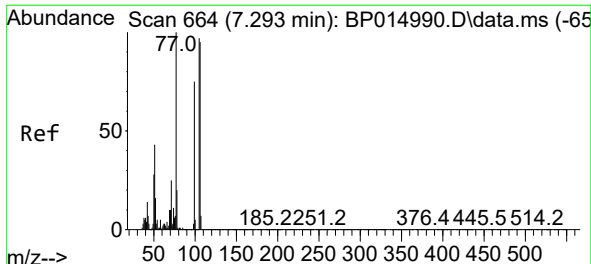
Tgt Ion: 88 Resp: 101129
Ion Ratio Lower Upper
88 100
43 27.2 20.6 31.0
58 69.4 54.4 81.6



#5
Pyridine
Concen: 25.179 ng/uL
RT: 3.917 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion: 79 Resp: 625361
Ion Ratio Lower Upper
79 100
52 69.1 54.7 82.1
51 32.8 25.5 38.3

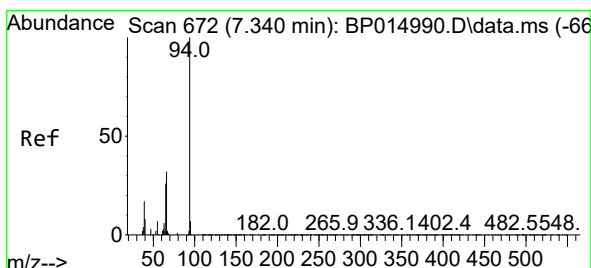
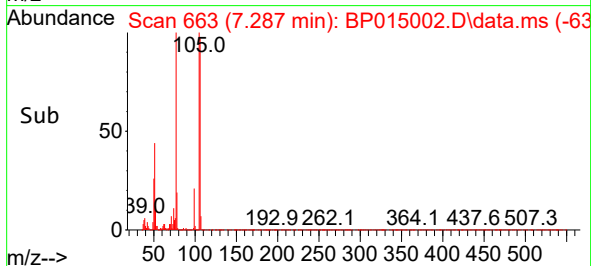
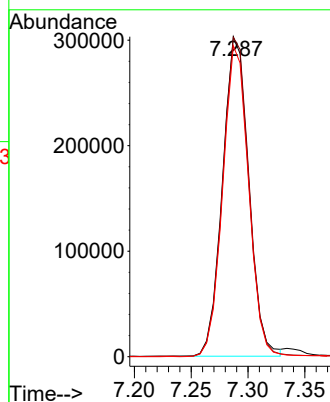
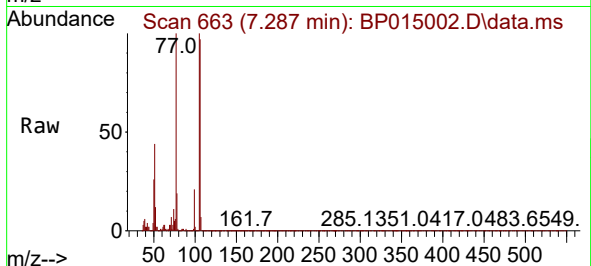




#6
Benzaldehyde
Concen: 63.089 ng/ul
RT: 7.287 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

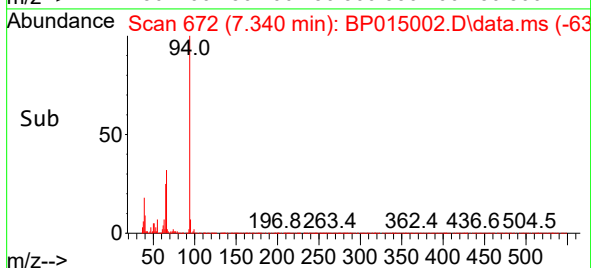
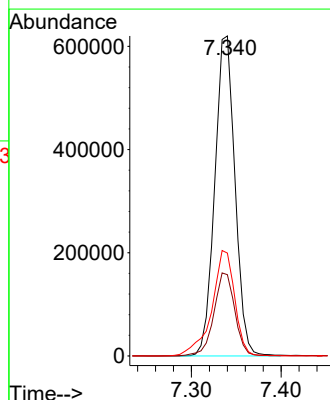
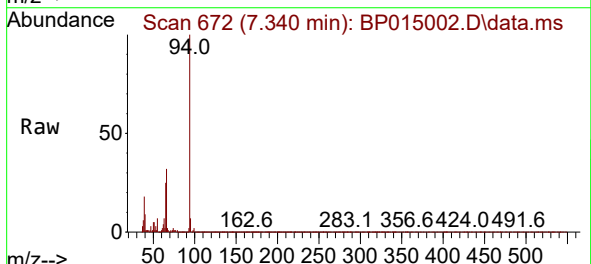
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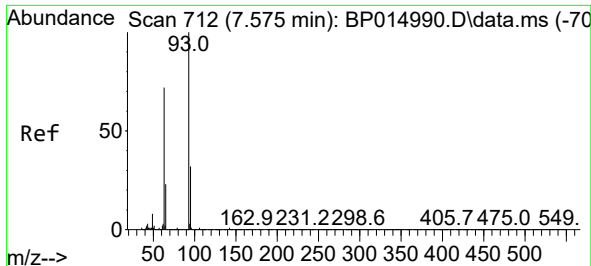
Tgt Ion: 77 Resp: 485334
Ion Ratio Lower Upper
77 100
105 99.8 80.7 121.1
106 97.1 77.6 116.4



#8
Phenol
Concen: 32.837 ng/ul
RT: 7.340 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion: 94 Resp: 970004
Ion Ratio Lower Upper
94 100
65 25.4 21.4 32.0
66 32.1 25.8 38.8

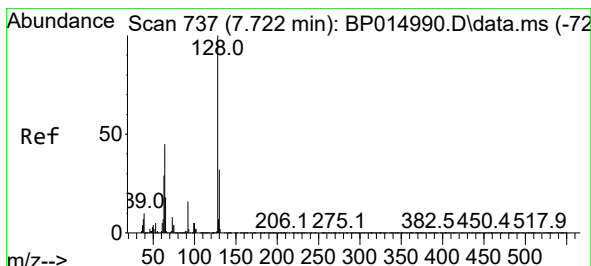
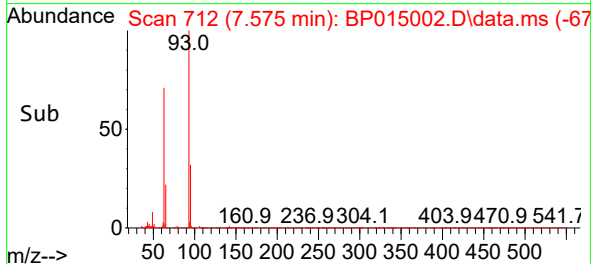
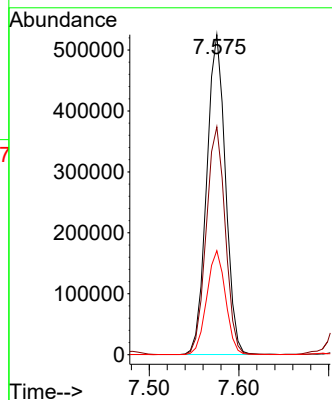
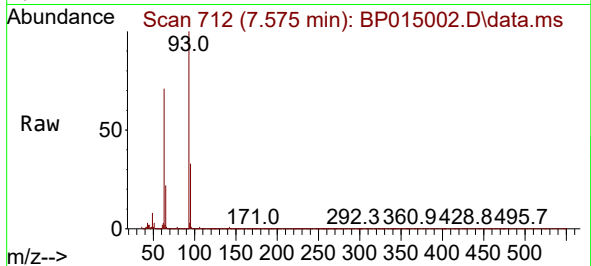




#10
Bis(2-Chloroethyl)ether
Concen: 31.023 ng/ul
RT: 7.575 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

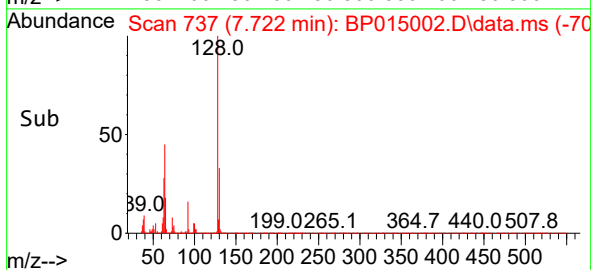
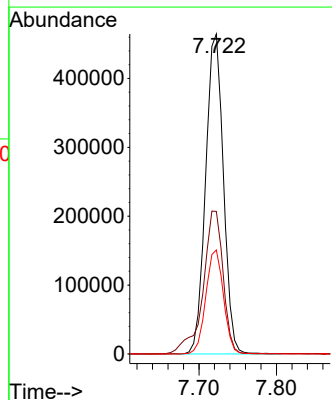
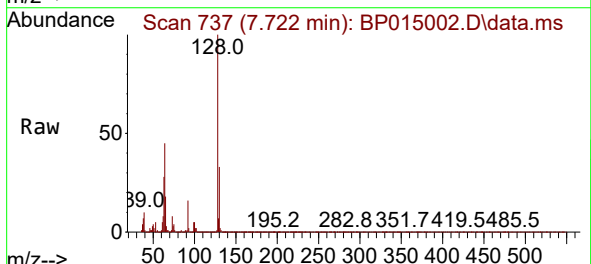
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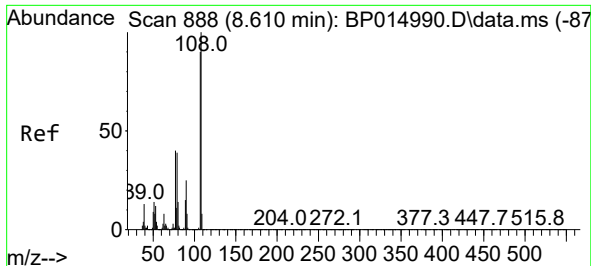
Tgt Ion: 93 Resp: 761717
Ion Ratio Lower Upper
93 100
63 71.2 58.1 87.1
95 32.5 26.0 39.0



#12
2-Chlorophenol
Concen: 33.006 ng/ul
RT: 7.722 min Scan# 737
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:128 Resp: 739742
Ion Ratio Lower Upper
128 100
64 44.6 36.6 55.0
130 32.5 25.8 38.8





#13

2-Methylphenol

Concen: 33.945 ng/ul

RT: 8.605 min Scan# 888

Delta R.T. -0.006 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

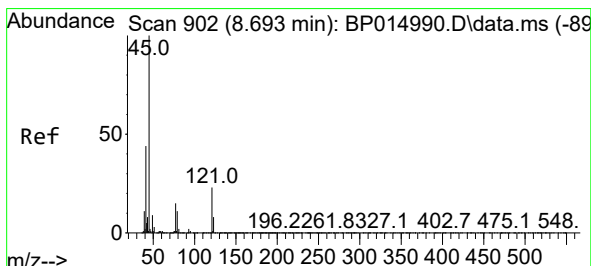
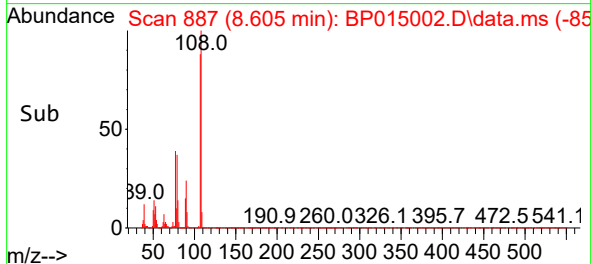
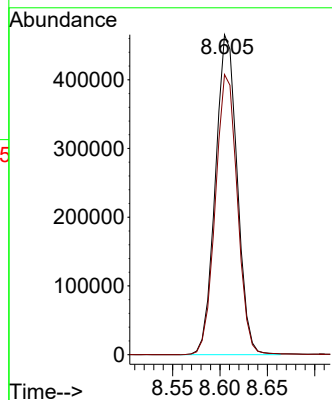
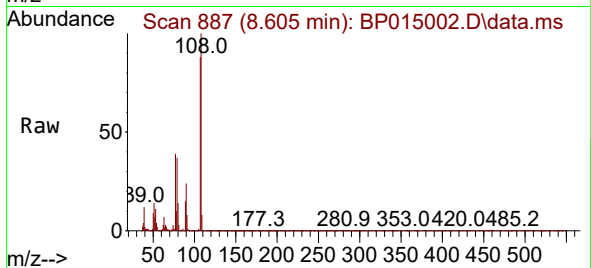
SLCS664

Tgt Ion:108 Resp: 747677

Ion Ratio Lower Upper

108 100

107 87.5 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.709 ng/ul

RT: 8.699 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

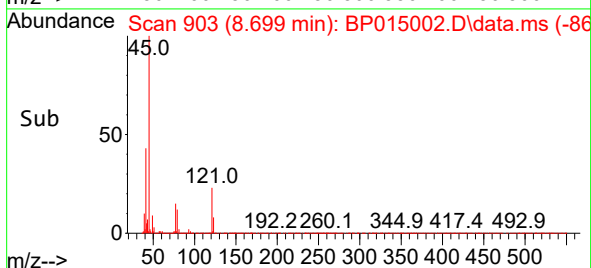
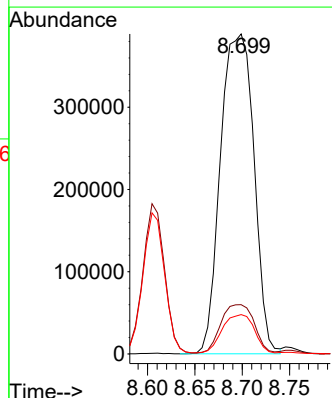
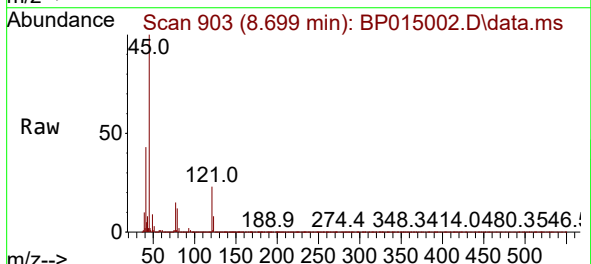
Tgt Ion: 45 Resp: 956381

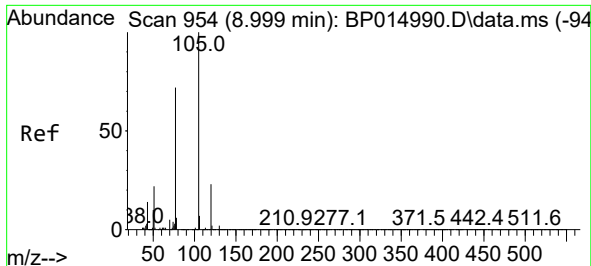
Ion Ratio Lower Upper

45 100

77 15.4 12.3 18.5

79 12.3 9.5 14.3

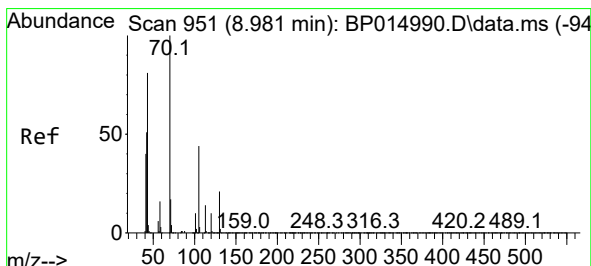
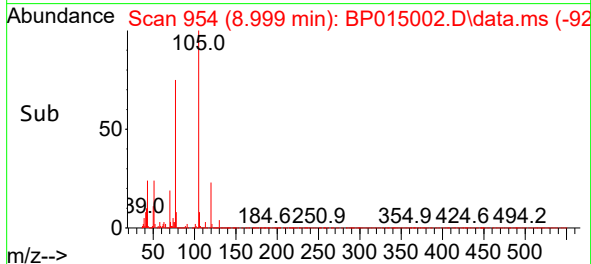
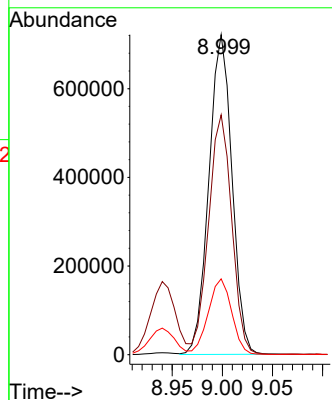
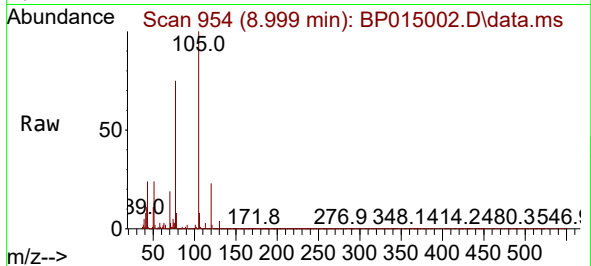




#16
Acetophenone
Concen: 32.554 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015002.D
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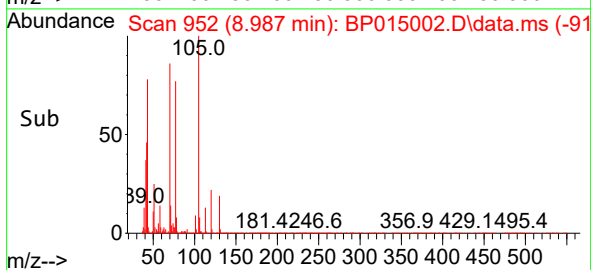
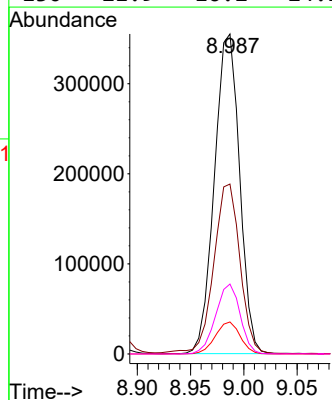
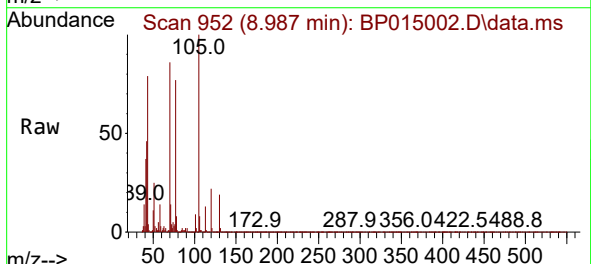
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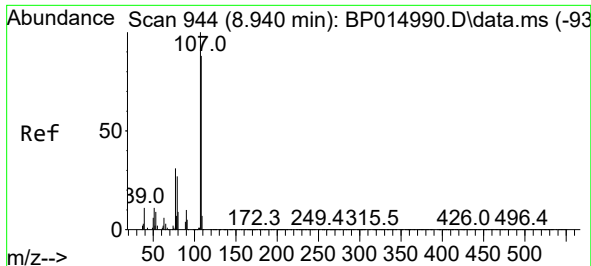
Tgt Ion:105 Resp: 1154154
Ion Ratio Lower Upper
105 100
77 74.9 61.2 91.8
51 23.7 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 32.273 ng/ul
RT: 8.987 min Scan# 952
Delta R.T. 0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion: 70 Resp: 583128
Ion Ratio Lower Upper
70 100
42 53.1 41.9 62.9
101 10.0 7.7 11.5
130 21.9 16.2 24.2

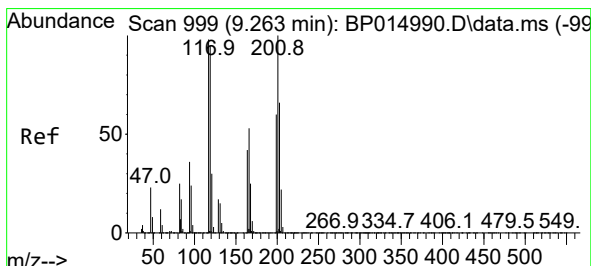
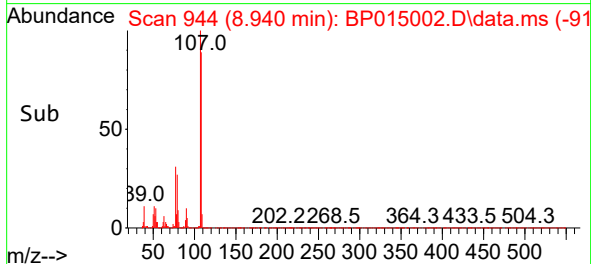
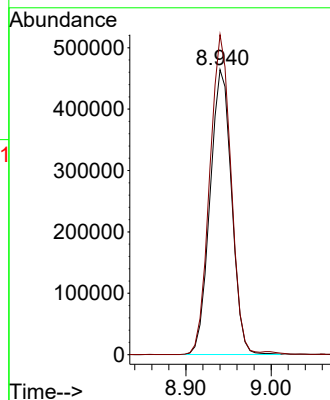
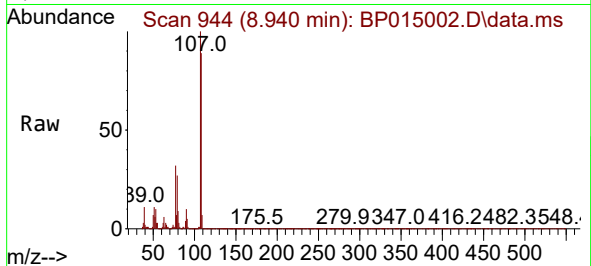




#18
4-Methylphenol
Concen: 33.512 ng/ul
RT: 8.940 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

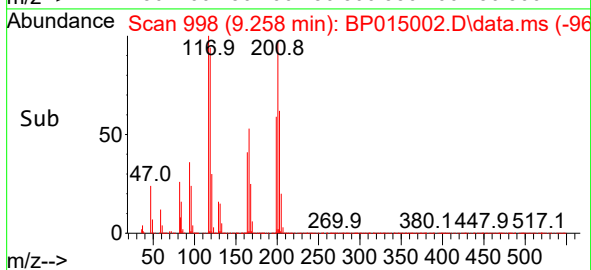
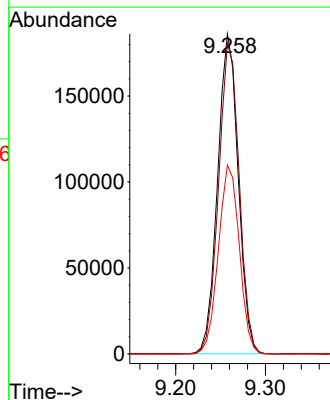
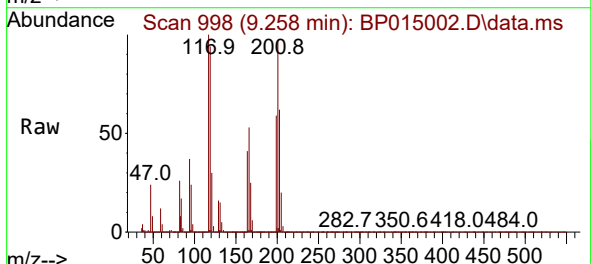
Instrument :
BNA_P
ClientSampleId :
SLCS664

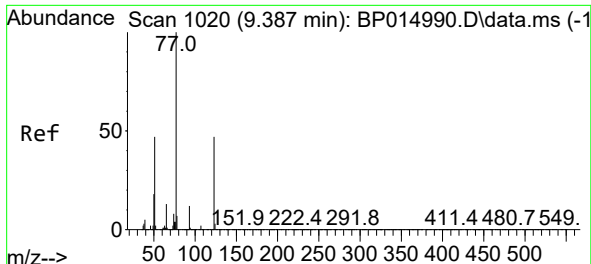
Tgt Ion:108 Resp: 816010
Ion Ratio Lower Upper
108 100
107 112.3 87.2 130.8



#19
Hexachloroethane
Concen: 30.476 ng/ul
RT: 9.258 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:117 Resp: 296347
Ion Ratio Lower Upper
117 100
201 97.0 78.9 118.3
199 59.0 48.3 72.5

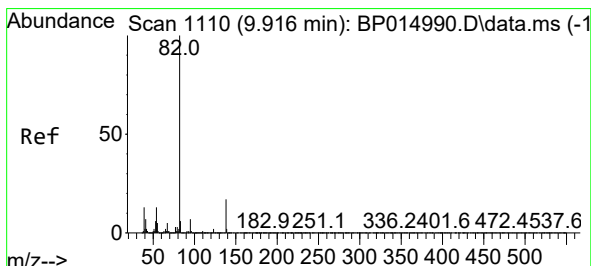
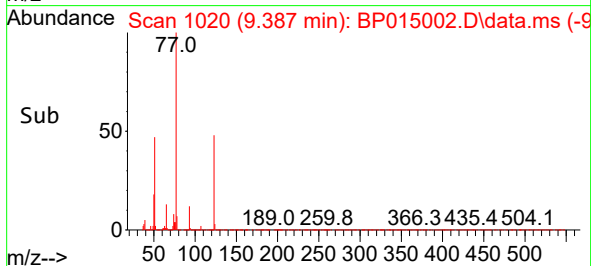
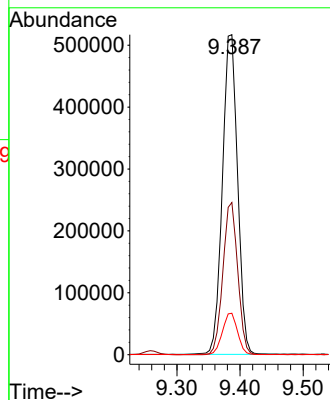
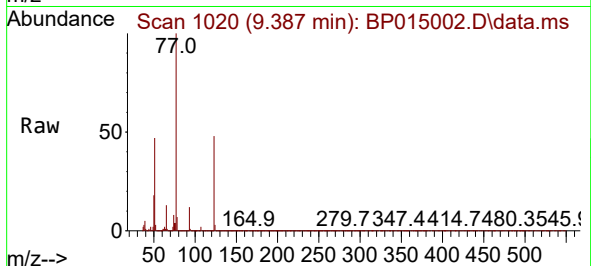




#22
Nitrobenzene
Concen: 35.844 ng/ul
RT: 9.387 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

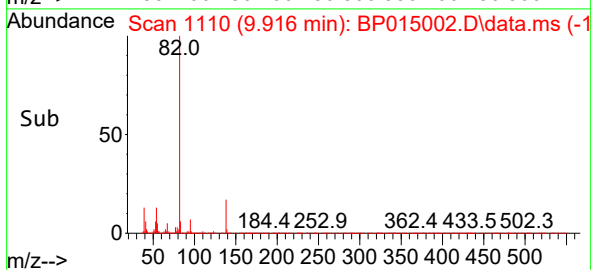
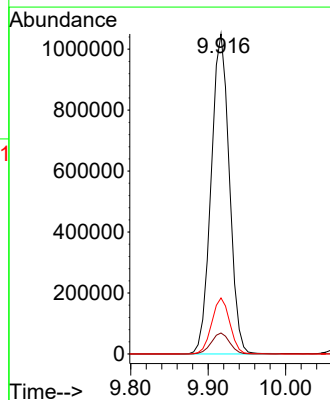
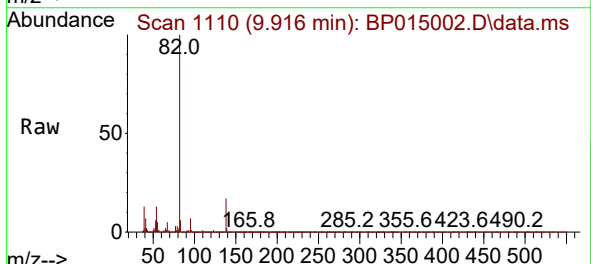
Instrument :
BNA_P
ClientSampleId :
SLCS664

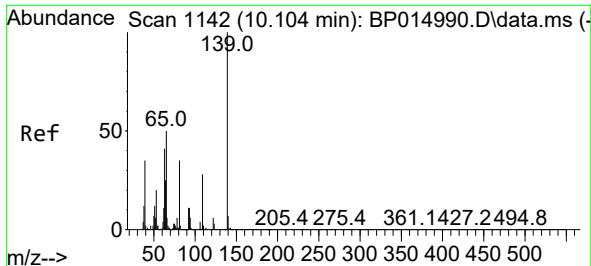
Tgt Ion: 77 Resp: 863589
Ion Ratio Lower Upper
77 100
123 47.5 34.8 52.2
65 13.0 10.2 15.2



#23
Isophorone
Concen: 35.911 ng/ul
RT: 9.916 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion: 82 Resp: 1709968
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 17.5 13.9 20.9

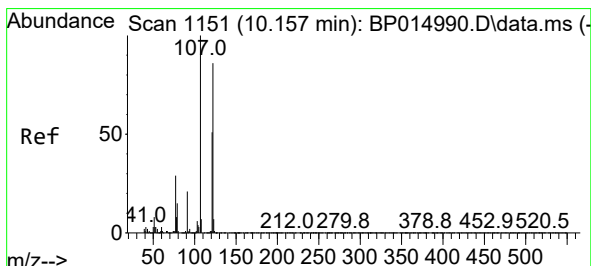
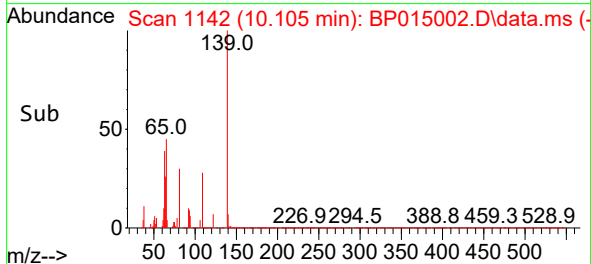
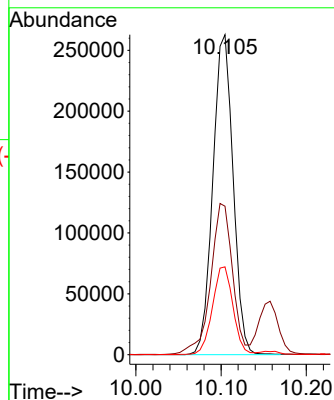
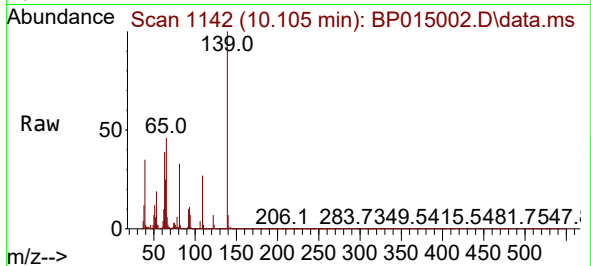




#25
2-Nitrophenol
Concen: 40.200 ng/ul
RT: 10.105 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

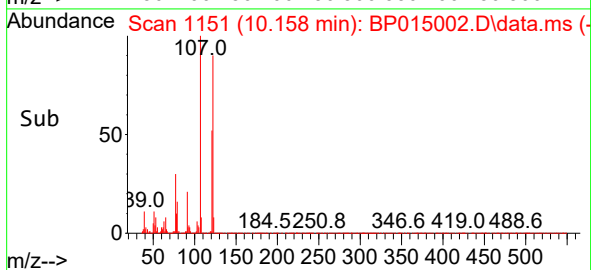
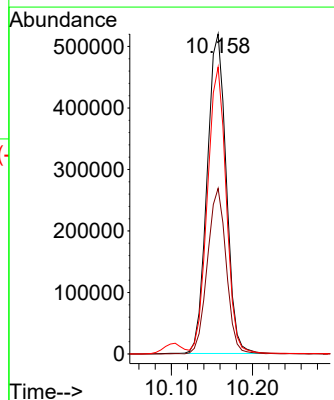
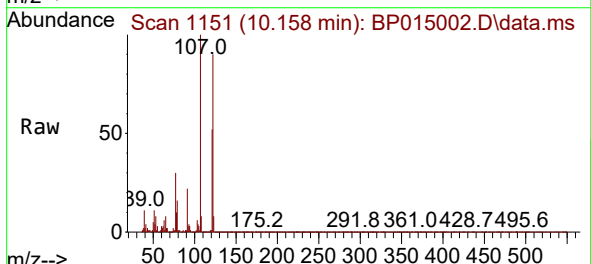
Instrument :
BNA_P
ClientSampleId :
SLCS664

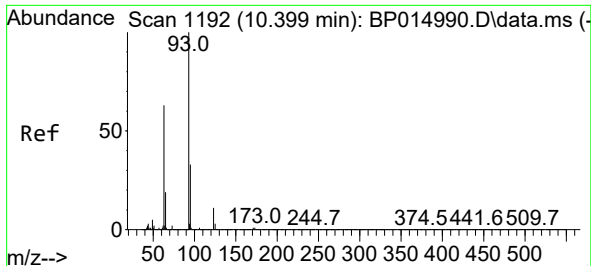
Tgt Ion:139 Resp: 435313
Ion Ratio Lower Upper
139 100
65 46.4 40.5 60.7
109 27.5 22.4 33.6



#26
2,4-Dimethylphenol
Concen: 36.155 ng/ul
RT: 10.158 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:107 Resp: 849670
Ion Ratio Lower Upper
107 100
121 51.8 40.2 60.2
122 89.6 69.6 104.4

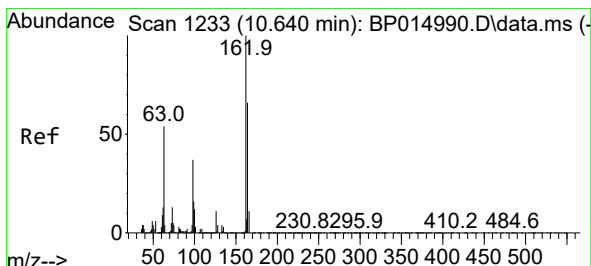
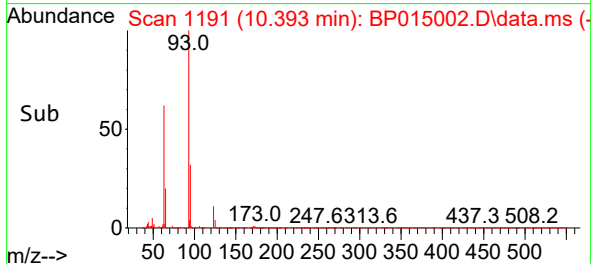
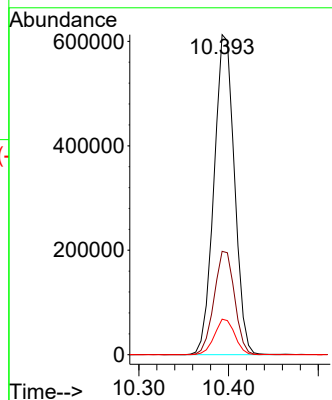
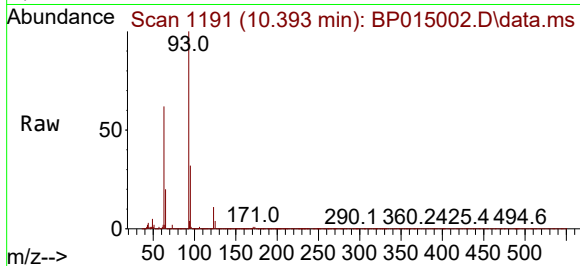




#27
Bis(2-Chloroethoxy)methane
Concen: 31.835 ng/ul
RT: 10.393 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

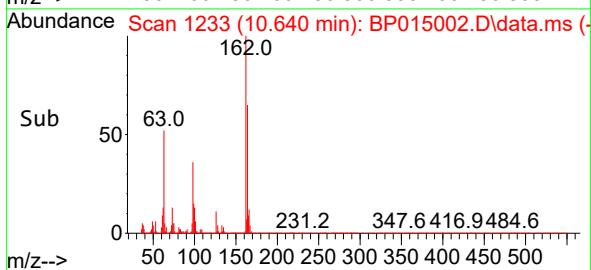
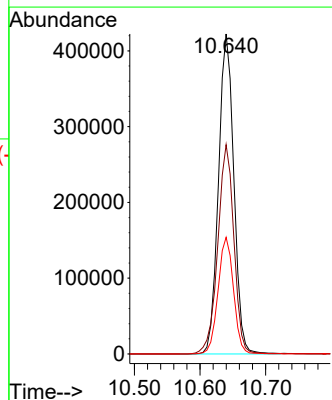
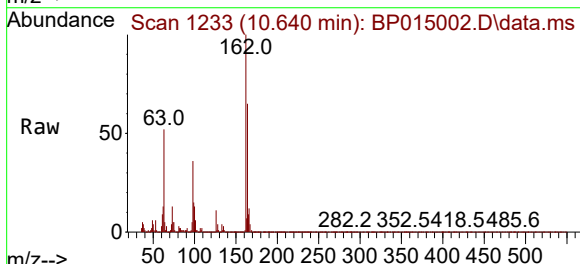
Instrument :
BNA_P
ClientSampleId :
SLCS664

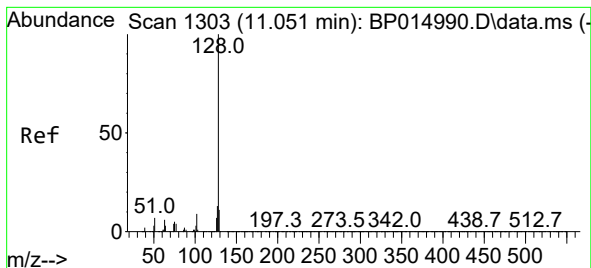
Tgt Ion: 93 Resp: 969068
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.1 9.0 13.4



#29
2,4-Dichlorophenol
Concen: 35.793 ng/ul
RT: 10.640 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:162 Resp: 684460
Ion Ratio Lower Upper
162 100
164 65.4 51.5 77.3
98 36.5 28.8 43.2





#30

Naphthalene

Concen: 28.967 ng/ul

RT: 11.052 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

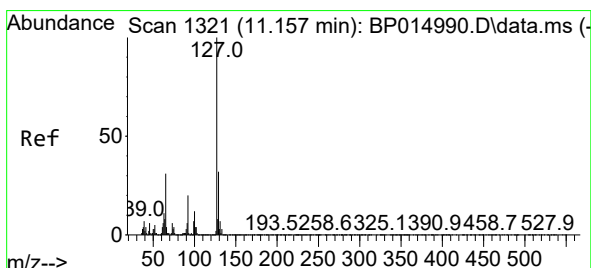
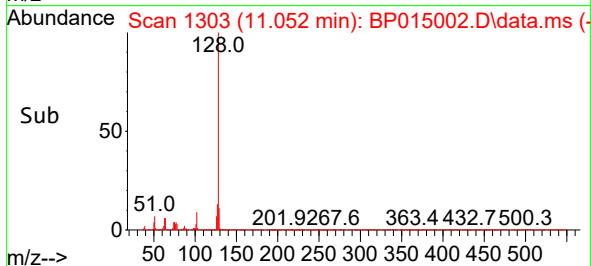
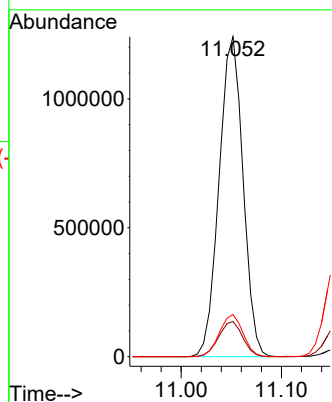
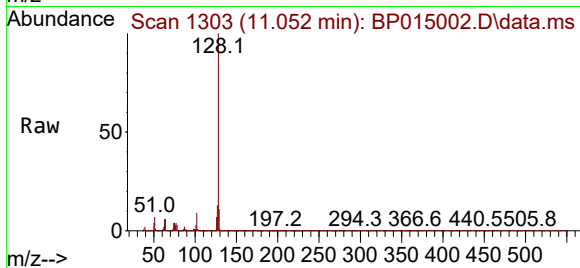
Tgt Ion:128 Resp: 2052887

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.1 10.4 15.6



#32

4-Chloroaniline

Concen: 25.254 ng/ul

RT: 11.158 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BP015002.D

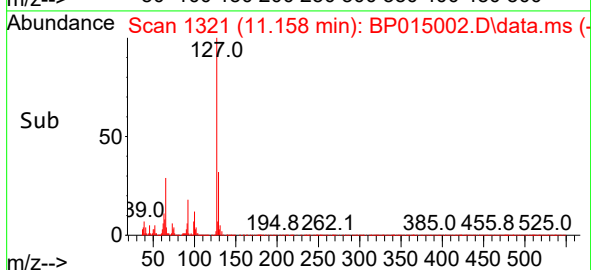
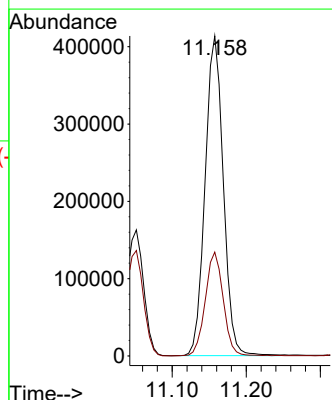
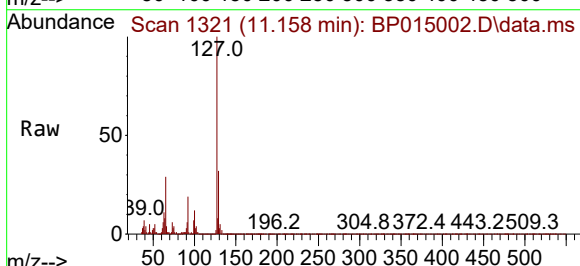
Acq: 08 May 2023 20:08

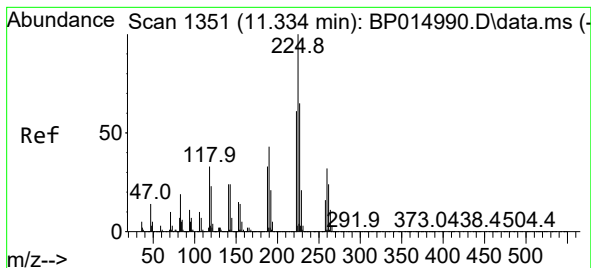
Tgt Ion:127 Resp: 704722

Ion Ratio Lower Upper

127 100

129 32.4 25.5 38.3





#33

Hexachlorobutadiene

Concen: 29.802 ng/ul

RT: 11.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

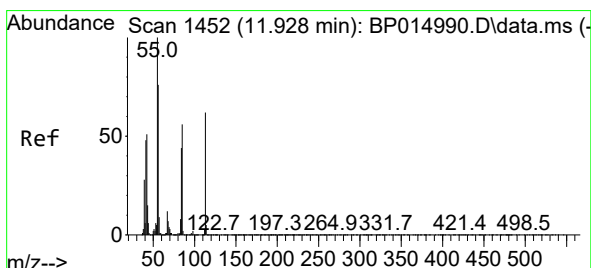
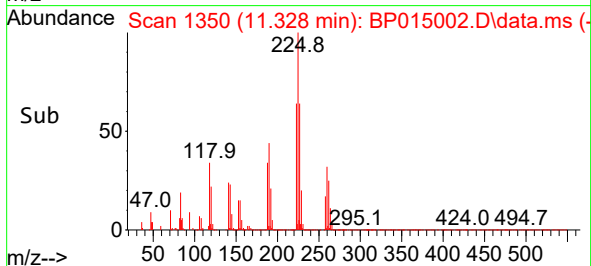
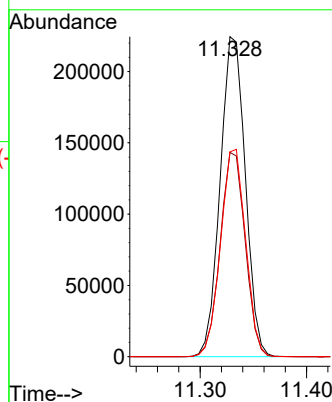
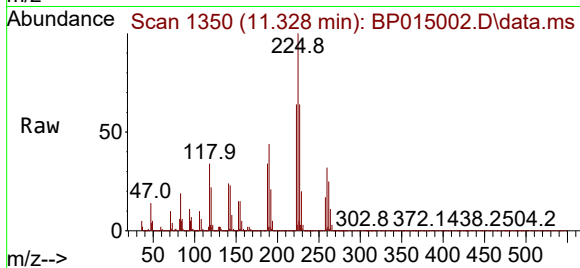
Tgt Ion:225 Resp: 367723

Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

227 64.0 51.4 77.0



#34

Caprolactam

Concen: 23.965 ng/ul

RT: 11.940 min Scan# 1454

Delta R.T. 0.012 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

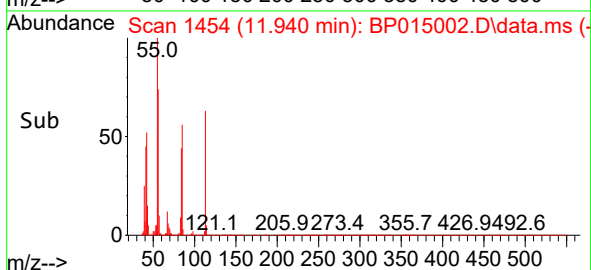
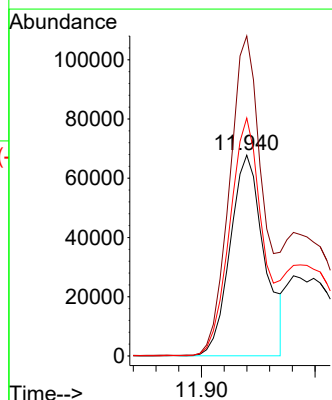
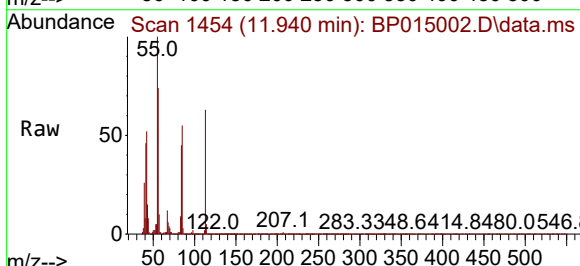
Tgt Ion:113 Resp: 141183

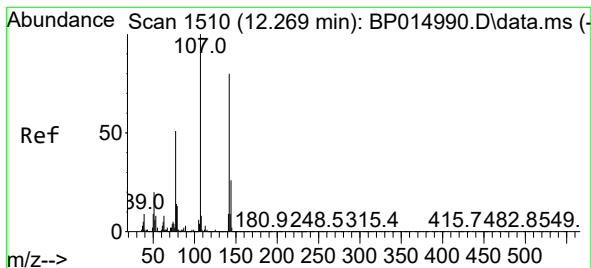
Ion Ratio Lower Upper

113 100

55 159.3 128.5 192.7

56 118.5 94.3 141.5

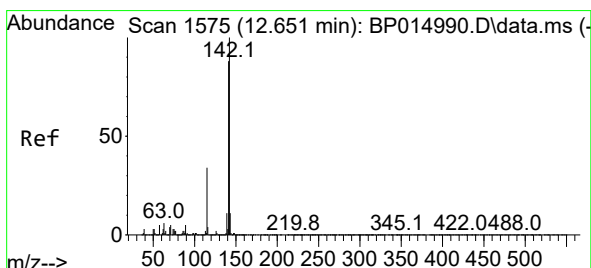
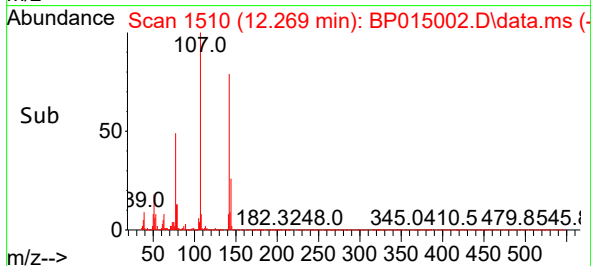
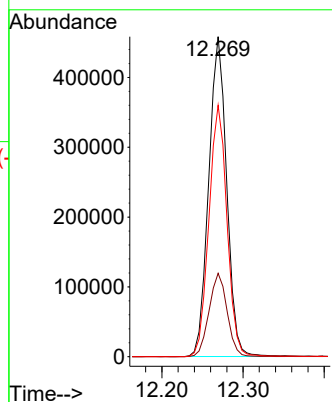
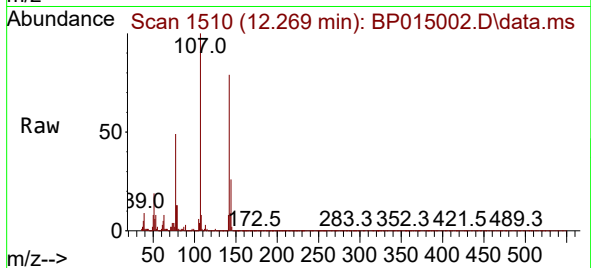




#35
4-Chloro-3-methylphenol
Concen: 35.796 ng/ul
RT: 12.269 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

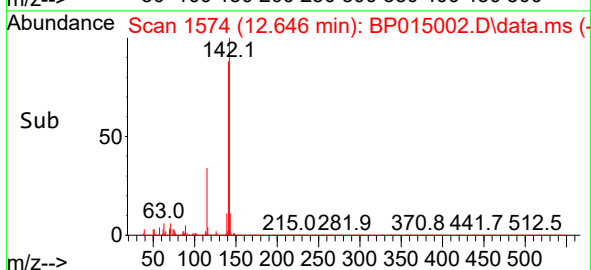
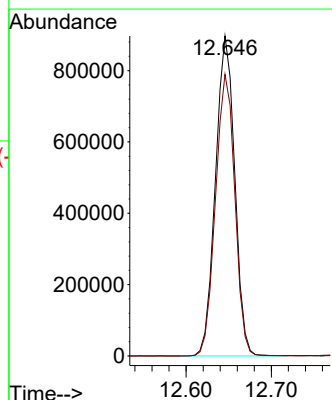
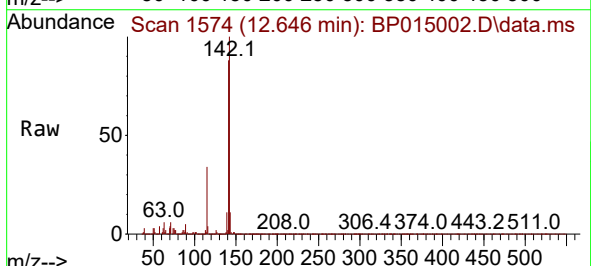
Instrument :
BNA_P
ClientSampleId :
SLCS664

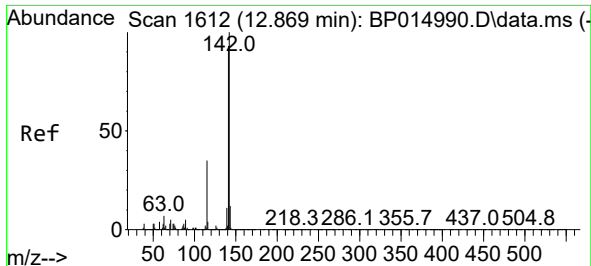
Tgt Ion:107 Resp: 703690
Ion Ratio Lower Upper
107 100
144 26.1 20.6 30.8
142 78.5 63.2 94.8



#36
2-Methylnaphthalene
Concen: 32.076 ng/ul
RT: 12.646 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:142 Resp: 1405768
Ion Ratio Lower Upper
142 100
141 88.0 70.5 105.7

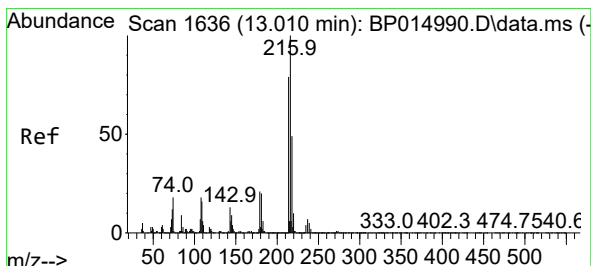
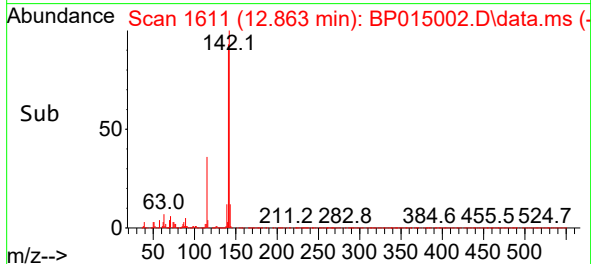
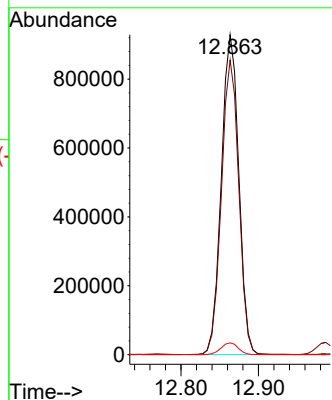
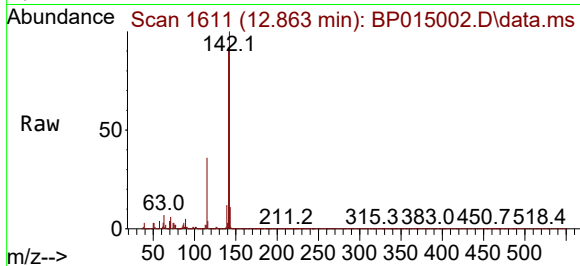




#37
1-Methylnaphthalene
Concen: 32.171 ng/ul
RT: 12.863 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

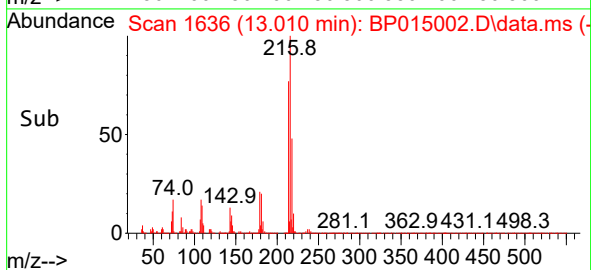
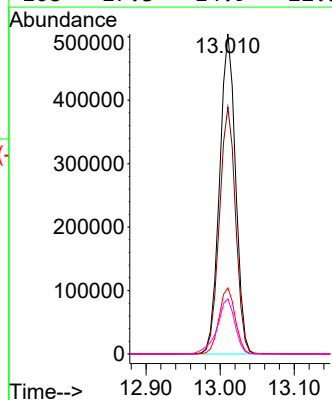
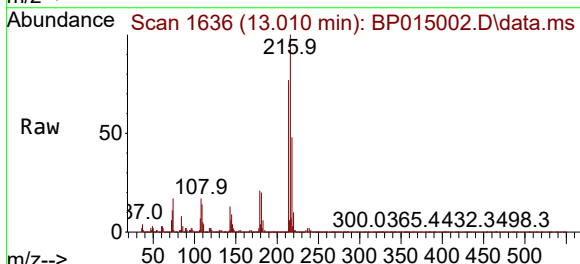
Instrument :
BNA_P
ClientSampleId :
SLCS664

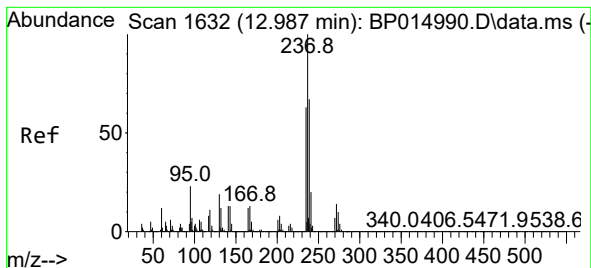
Tgt Ion:142 Resp: 1453341
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6
116 3.7 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.023 ng/ul
RT: 13.010 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:216 Resp: 755968
Ion Ratio Lower Upper
216 100
214 77.2 63.0 94.4
179 20.6 16.9 25.3
108 17.3 14.9 22.3





#40

Hexachlorocyclopentadiene

Concen: 21.981 ng/ul

RT: 12.987 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

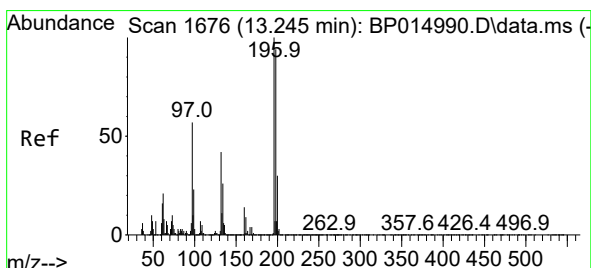
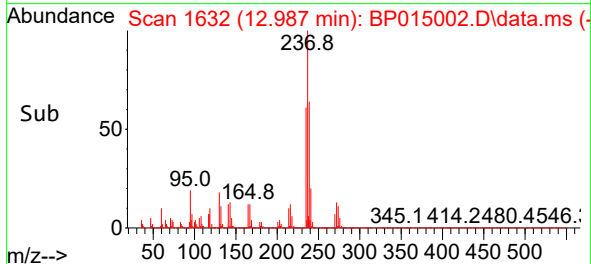
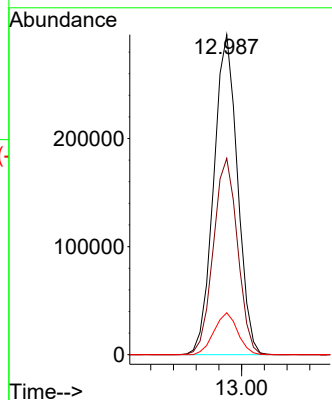
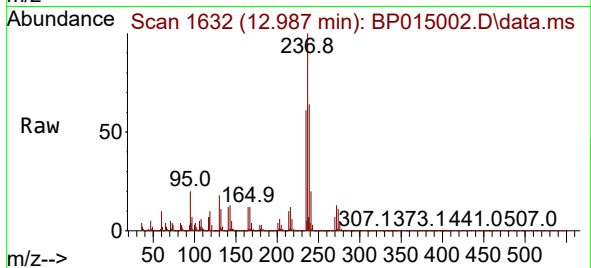
Tgt Ion:237 Resp: 430566

Ion Ratio Lower Upper

237 100

235 61.4 49.9 74.9

272 13.9 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 32.290 ng/ul

RT: 13.246 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

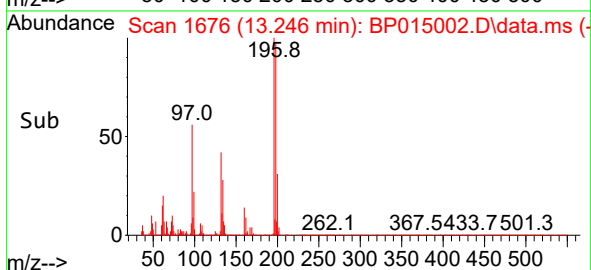
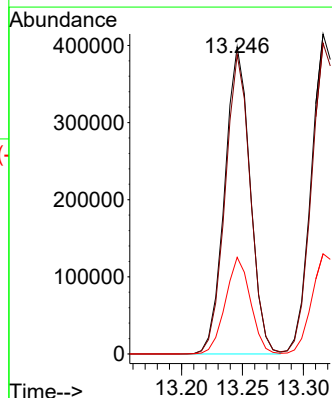
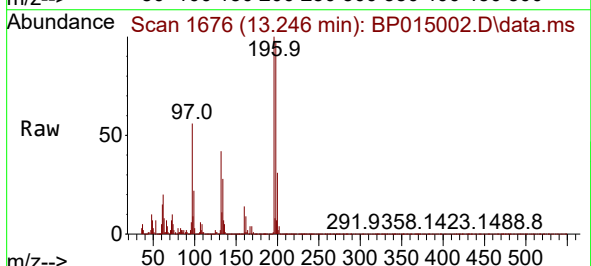
Tgt Ion:196 Resp: 578006

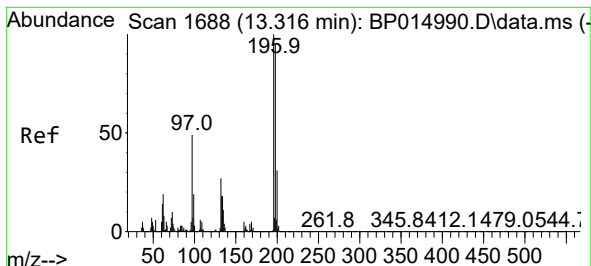
Ion Ratio Lower Upper

196 100

198 97.4 76.8 115.2

200 31.4 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 33.008 ng/ul

RT: 13.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

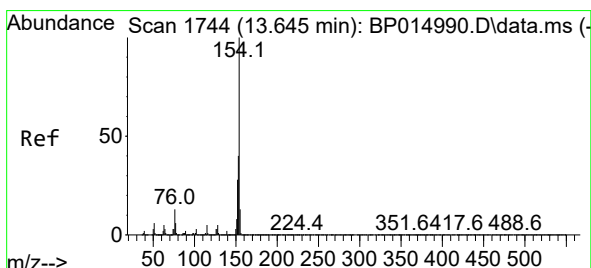
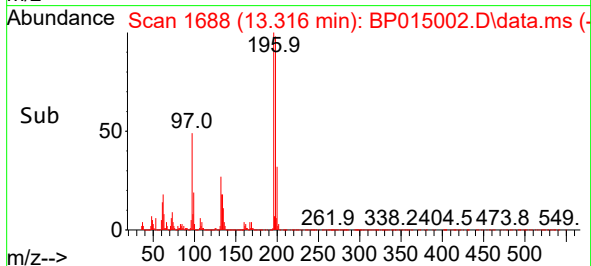
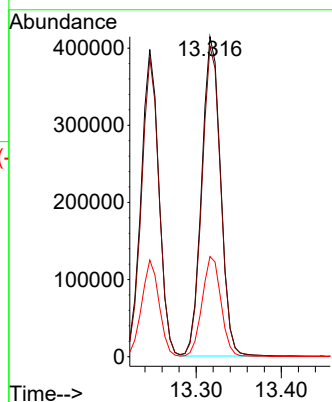
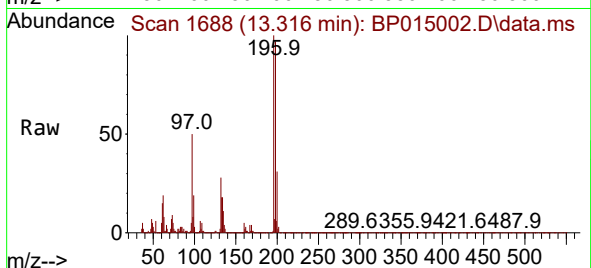
Tgt Ion:196 Resp: 636826

Ion Ratio Lower Upper

196 100

198 97.1 74.2 111.4

200 31.3 24.6 37.0



#43

1,1'-Biphenyl

Concen: 29.008 ng/ul

RT: 13.646 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

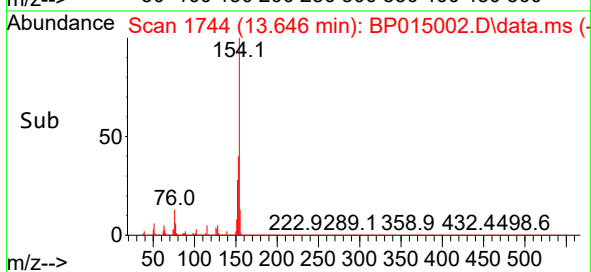
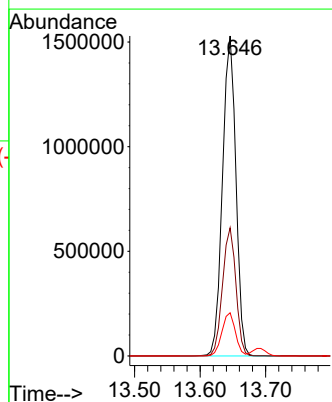
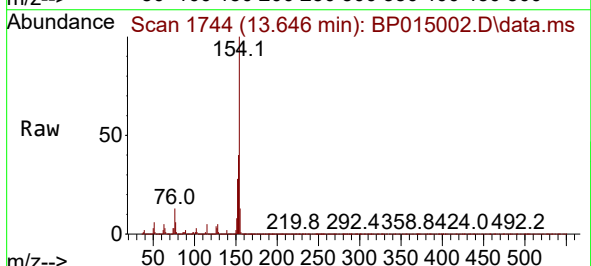
Tgt Ion:154 Resp: 2159829

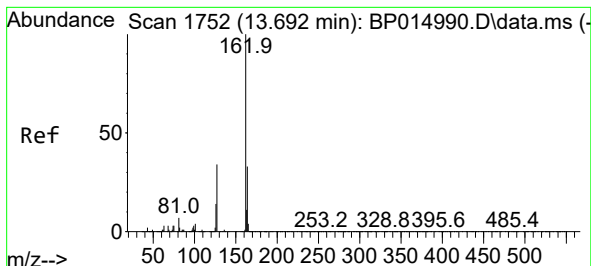
Ion Ratio Lower Upper

154 100

153 40.0 31.9 47.9

76 13.5 11.3 16.9

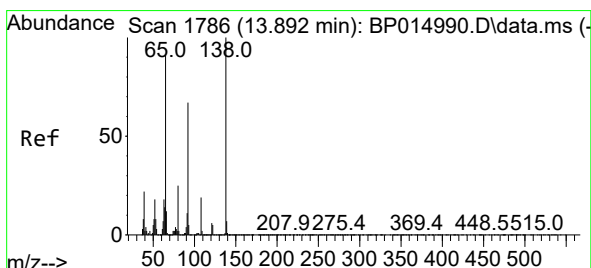
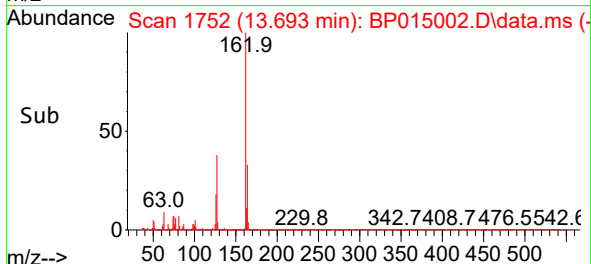
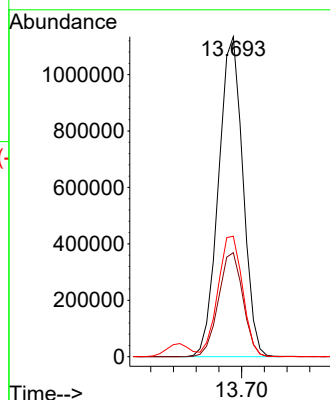
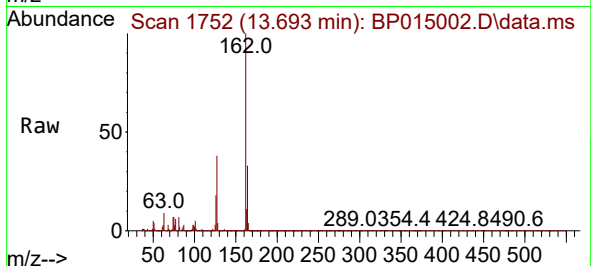




#44
2-Chloronaphthalene
Concen: 29.143 ng/ul
RT: 13.693 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

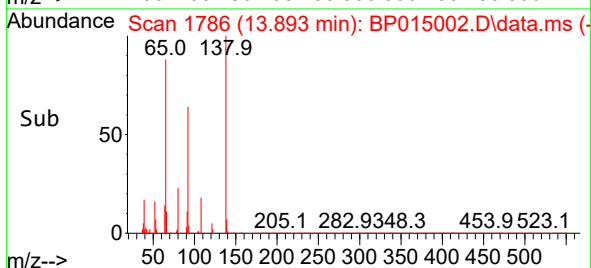
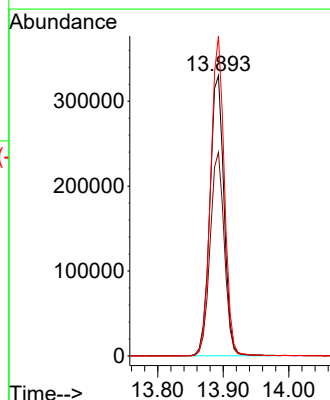
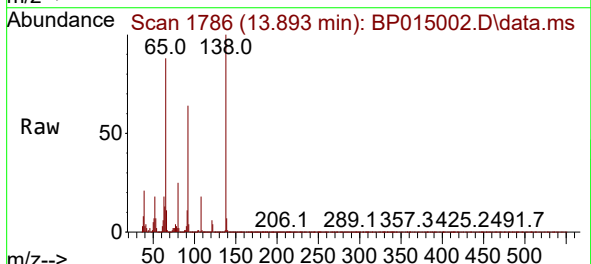
Instrument :
BNA_P
ClientSampleId :
SLCS664

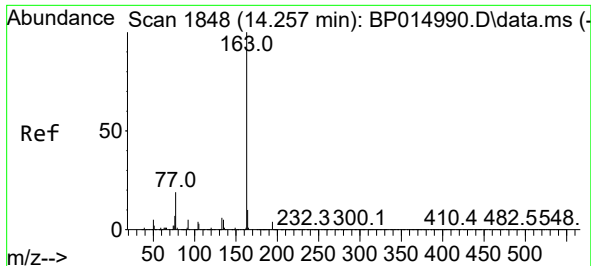
Tgt Ion:162 Resp: 1690241
Ion Ratio Lower Upper
162 100
164 32.5 26.3 39.5
127 37.6 30.4 45.6



#45
2-Nitroaniline
Concen: 36.828 ng/ul
RT: 13.893 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion: 65 Resp: 497404
Ion Ratio Lower Upper
65 100
92 72.7 58.3 87.5
138 114.2 87.9 131.9

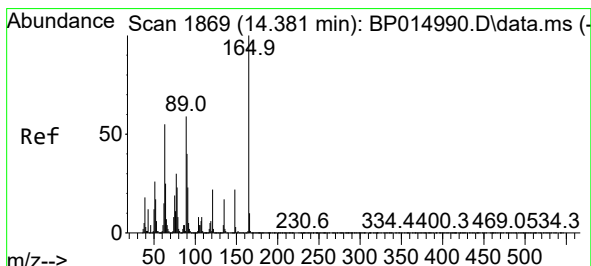
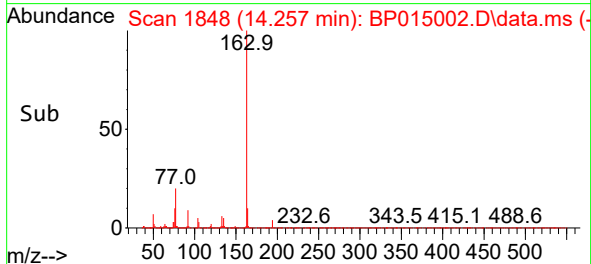
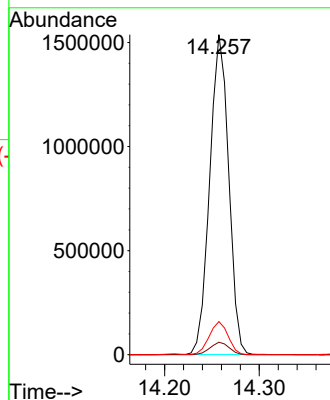
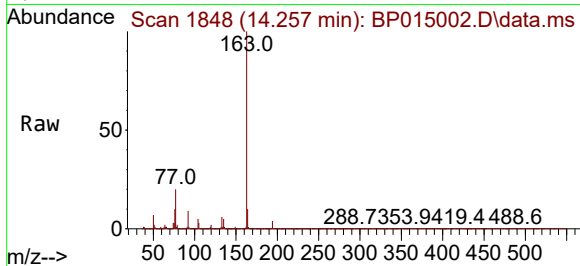




#47
Dimethylphthalate
Concen: 30.775 ng/ul
RT: 14.257 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

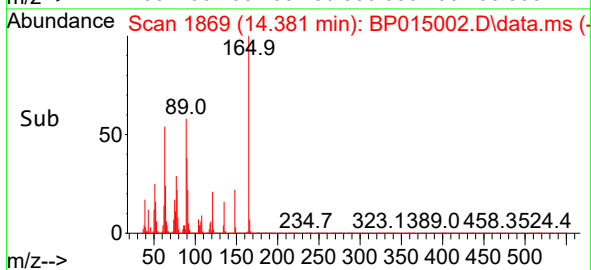
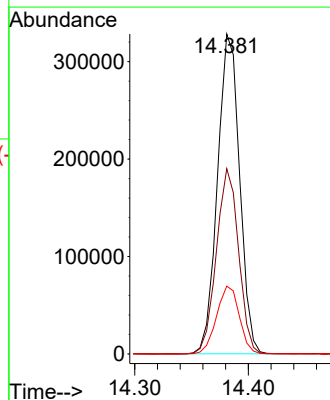
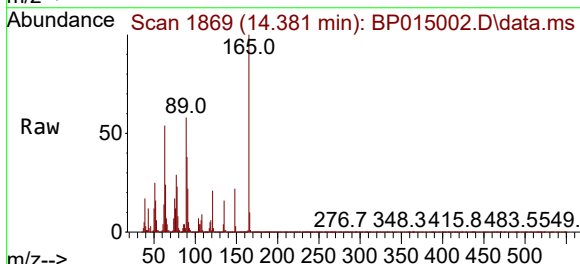
Instrument :
BNA_P
ClientSampleId :
SLCS664

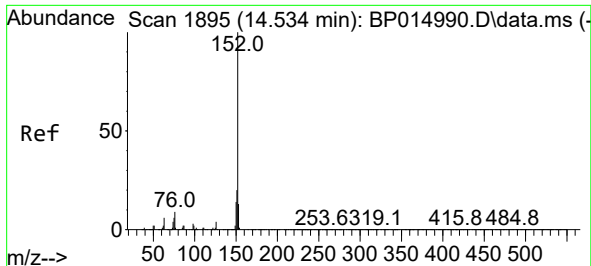
Tgt Ion:163 Resp: 2132957
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 36.290 ng/ul
RT: 14.381 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:165 Resp: 444460
Ion Ratio Lower Upper
165 100
89 57.9 48.1 72.1
121 21.2 17.3 25.9

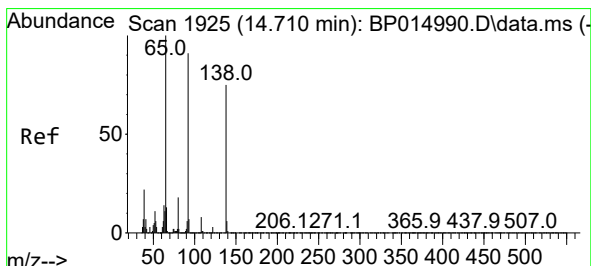
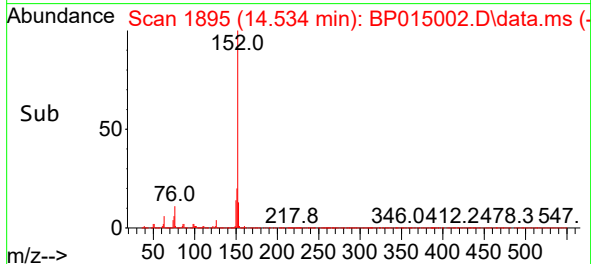
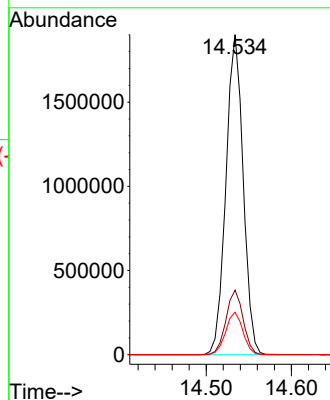
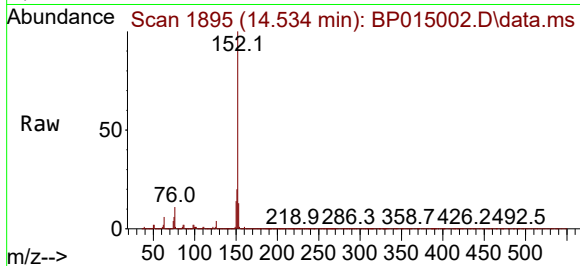




#50
Acenaphthylene
Concen: 29.788 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

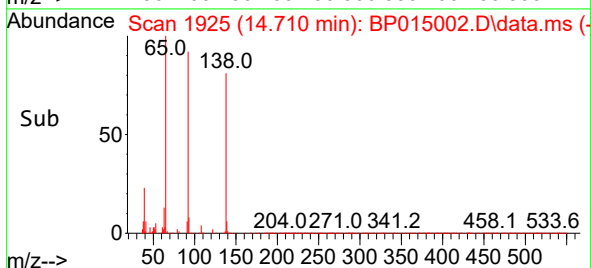
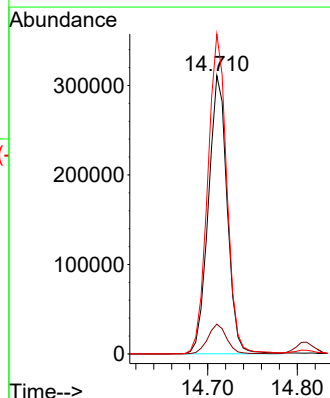
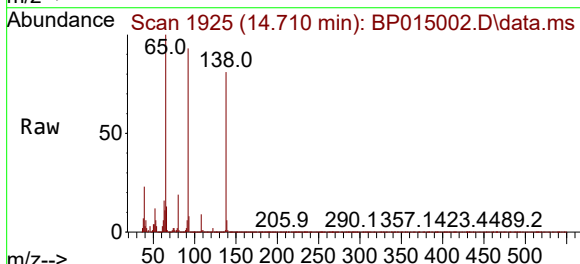
Instrument :
BNA_P
ClientSampleId :
SLCS664

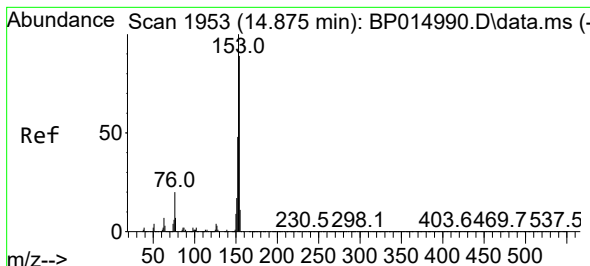
Tgt Ion:152 Resp: 2669657
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.3 10.4 15.6



#51
3-Nitroaniline
Concen: 40.771 ng/ul
RT: 14.710 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:138 Resp: 451809
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 115.0 95.8 143.6





#52

Acenaphthene

Concen: 29.258 ng/ul

RT: 14.875 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

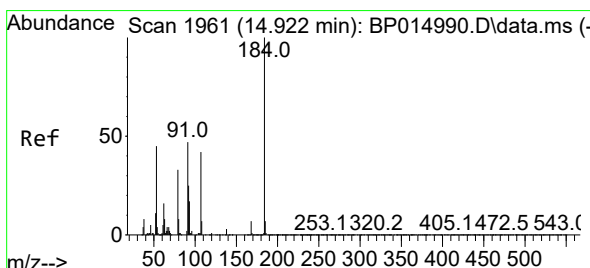
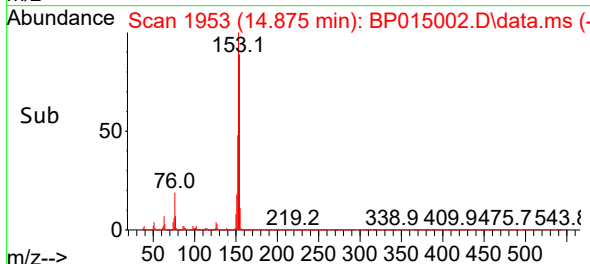
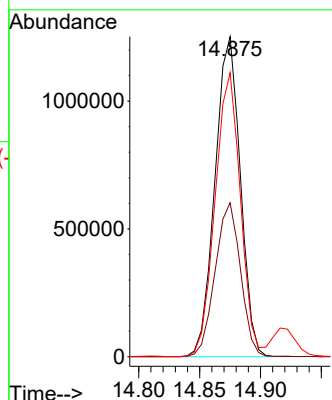
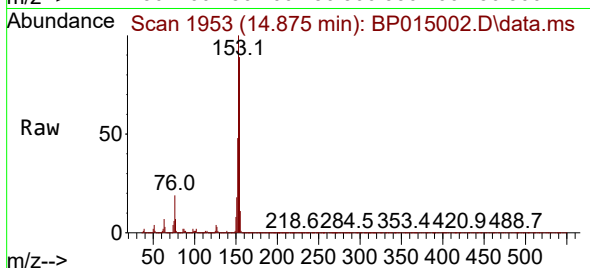
Tgt Ion:153 Resp: 1814522

Ion Ratio Lower Upper

153 100

152 48.1 38.8 58.2

154 88.8 69.6 104.4



#53

2,4-Dinitrophenol

Concen: 35.810 ng/ul

RT: 14.922 min Scan# 1961

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

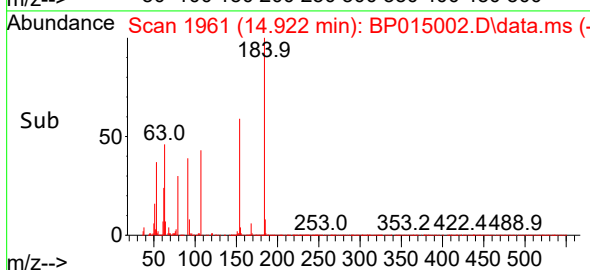
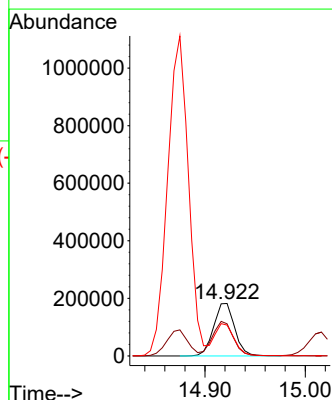
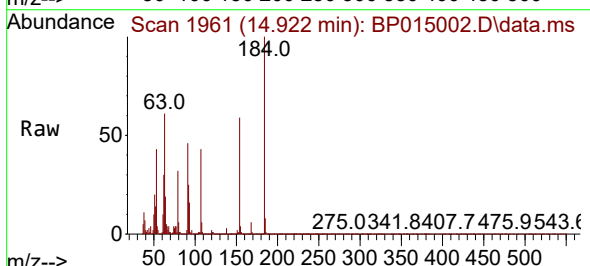
Tgt Ion:184 Resp: 266933

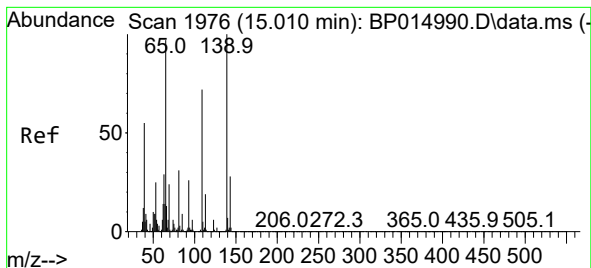
Ion Ratio Lower Upper

184 100

63 61.4 56.3 84.5

154 58.9 48.9 73.3

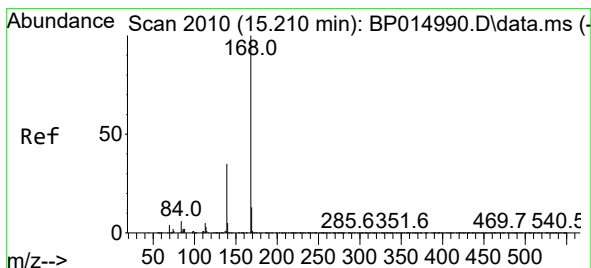
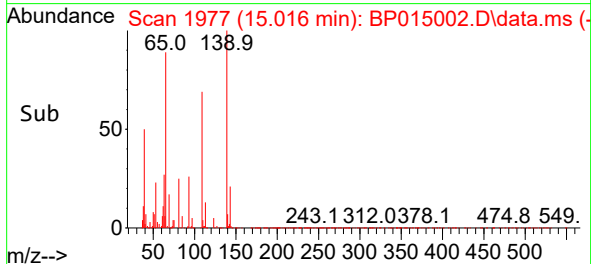
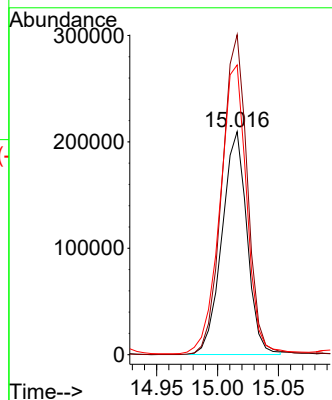
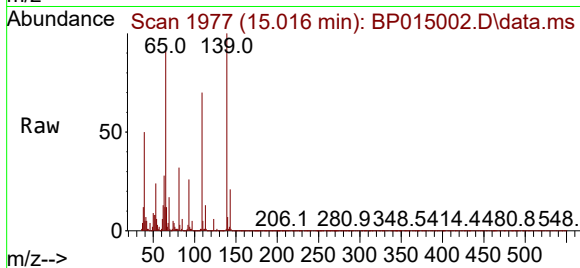




#55
4-Nitrophenol
Concen: 34.281 ng/ul
RT: 15.016 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

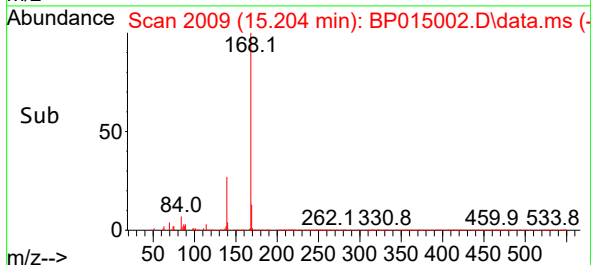
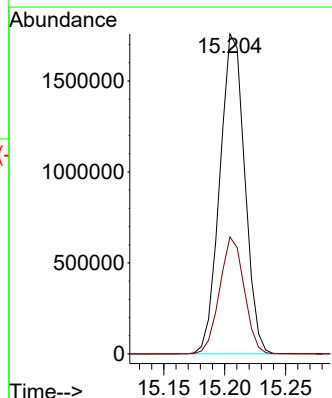
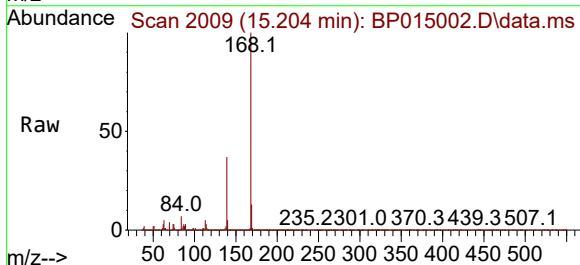
Instrument :
BNA_P
ClientSampleId :
SLCS664

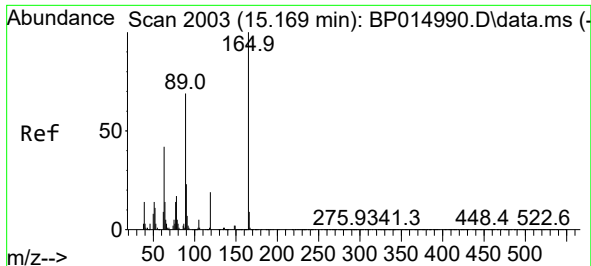
Tgt Ion:109 Resp: 299216
Ion Ratio Lower Upper
109 100
139 143.5 115.1 172.7
65 129.9 110.6 166.0



#56
Dibenzofuran
Concen: 29.952 ng/ul
RT: 15.204 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:168 Resp: 2506511
Ion Ratio Lower Upper
168 100
139 36.5 28.6 42.8





#57

2,4-Dinitrotoluene

Concen: 37.293 ng/ul

RT: 15.169 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

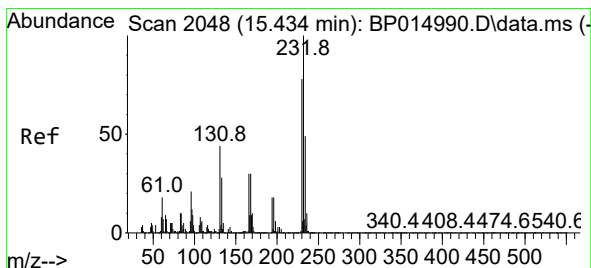
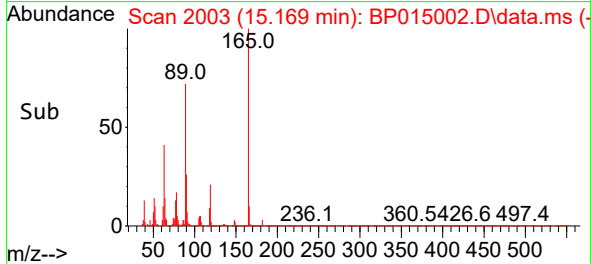
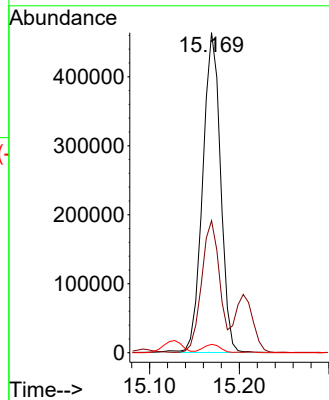
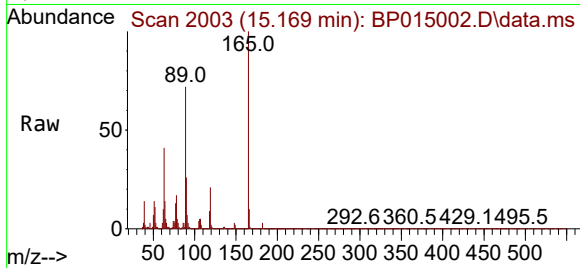
Tgt Ion:165 Resp: 639741

Ion Ratio Lower Upper

165 100

63 41.3 35.7 53.5

182 2.6 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.783 ng/ul

RT: 15.428 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Tgt Ion:232 Resp: 530436

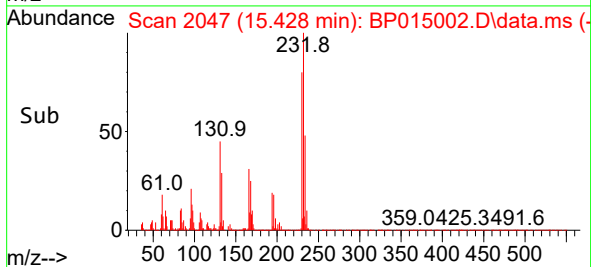
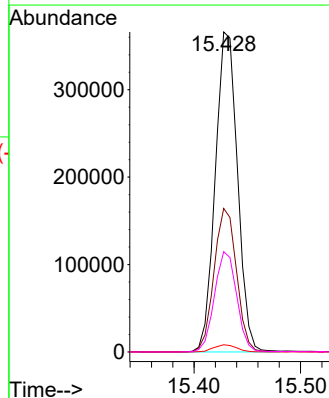
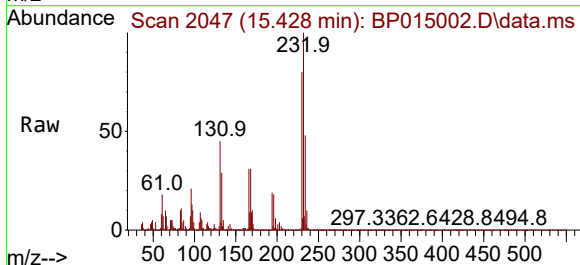
Ion Ratio Lower Upper

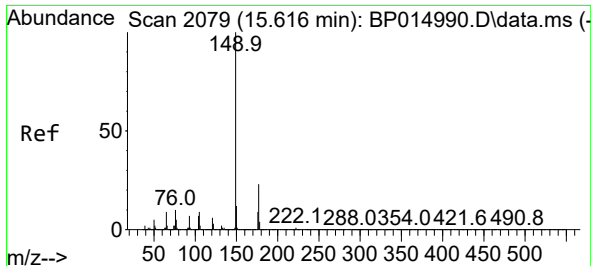
232 100

131 44.8 38.2 57.4

130 2.2 2.1 3.1

166 31.4 26.6 39.8

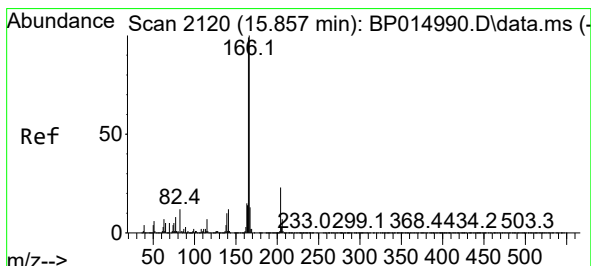
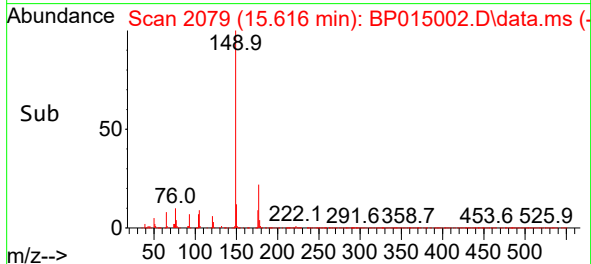
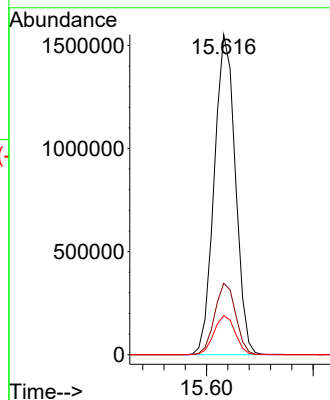
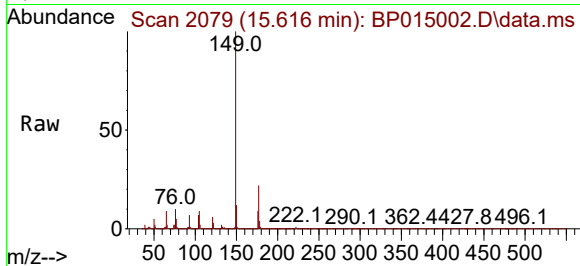




#59
Diethylphthalate
Concen: 32.560 ng/ul
RT: 15.616 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

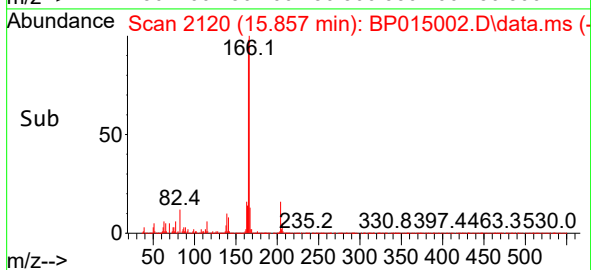
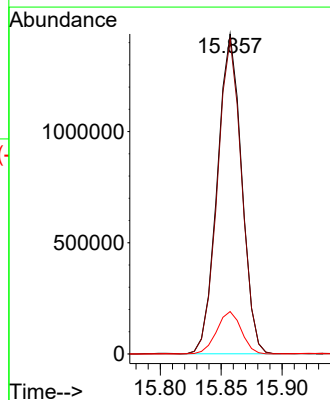
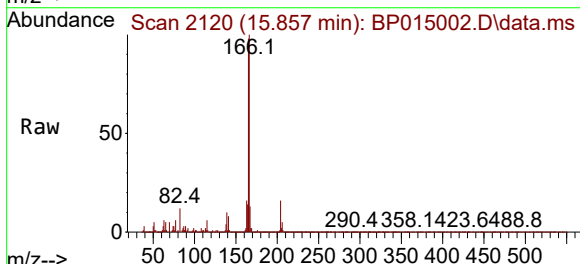
Instrument :
BNA_P
ClientSampleId :
SLCS664

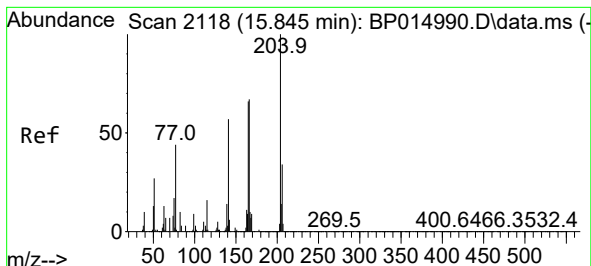
Tgt Ion:149 Resp: 2132309
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.2 9.6 14.4



#61
Fluorene
Concen: 30.315 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:166 Resp: 2001166
Ion Ratio Lower Upper
166 100
165 98.3 79.3 118.9
167 13.3 10.7 16.1

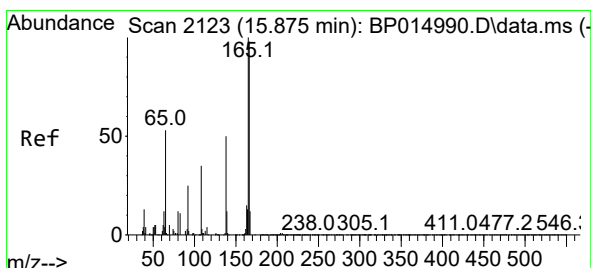
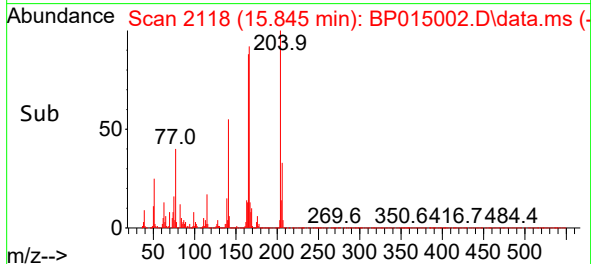
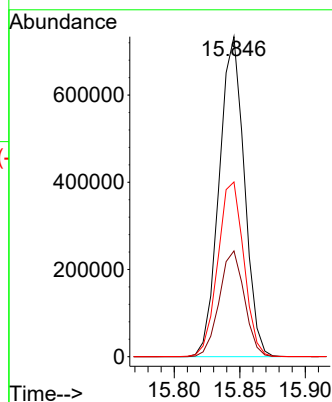
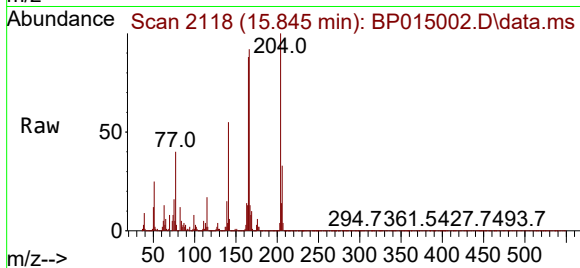




#62
4-Chlorophenyl-phenylether
Concen: 30.271 ng/ul
RT: 15.845 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

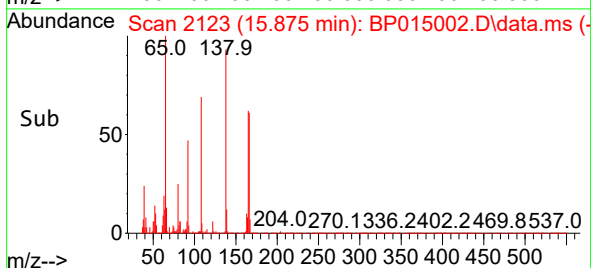
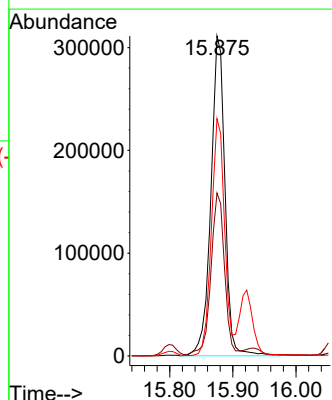
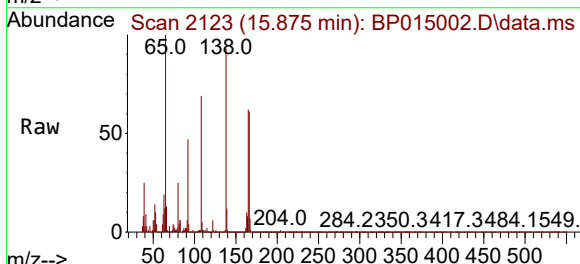
Instrument :
BNA_P
ClientSampleId :
SLCS664

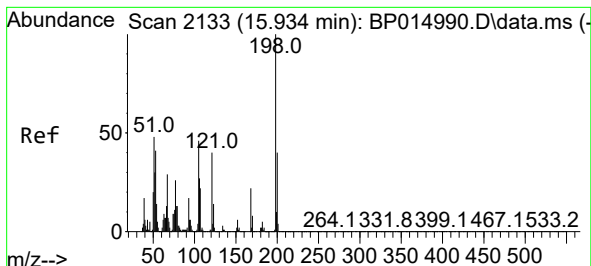
Tgt Ion:204 Resp: 977890
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 54.6 46.8 70.2



#63
4-Nitroaniline
Concen: 52.033 ng/ul
RT: 15.875 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:138 Resp: 481270
Ion Ratio Lower Upper
138 100
92 50.9 43.7 65.5
108 74.2 57.4 86.2

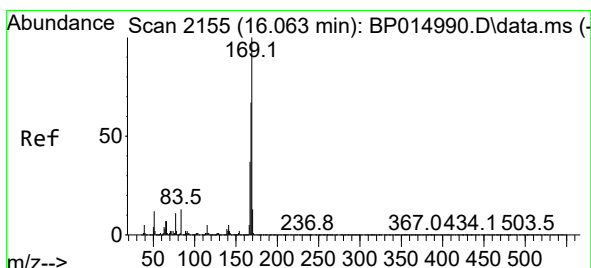
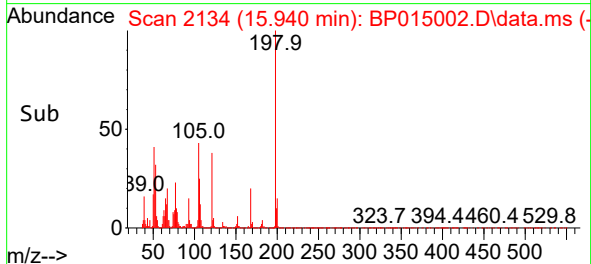
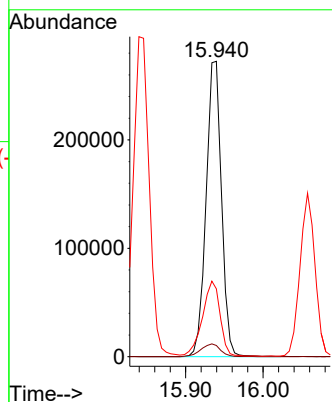
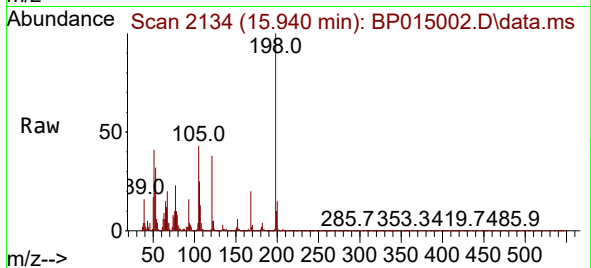




#66
4,6-Dinitro-2-methylphenol
Concen: 32.345 ng/ul
RT: 15.940 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

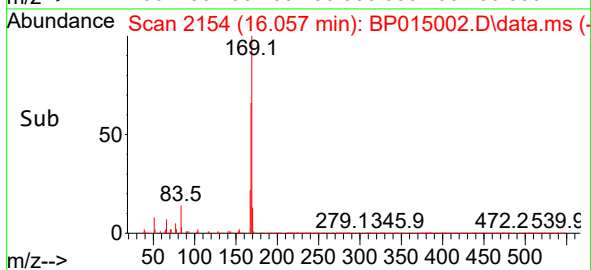
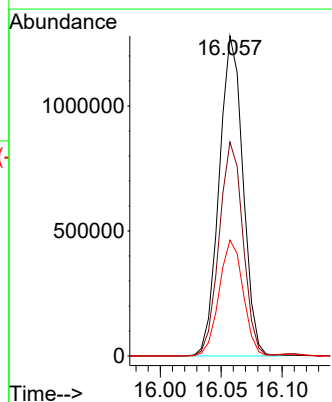
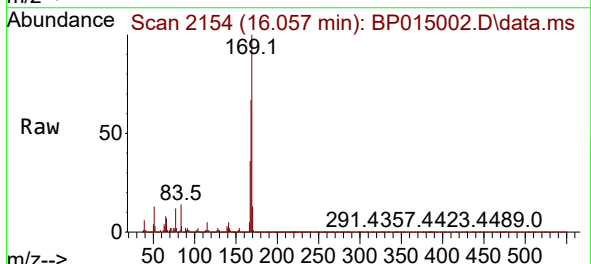
Instrument :
BNA_P
ClientSampleId :
SLCS664

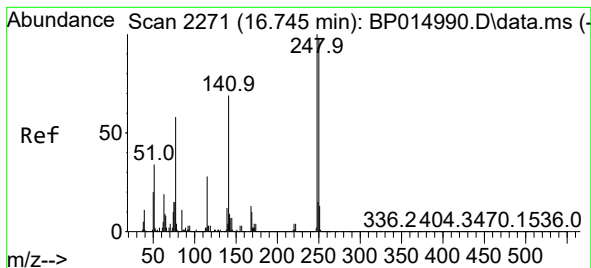
Tgt Ion:198 Resp: 375768
Ion Ratio Lower Upper
198 100
182 3.8 3.9 5.9#
77 23.0 21.4 32.0



#67
N-Nitrosodiphenylamine
Concen: 29.477 ng/ul
RT: 16.057 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:169 Resp: 1740698
Ion Ratio Lower Upper
169 100
168 66.8 53.5 80.3
167 36.2 29.3 43.9

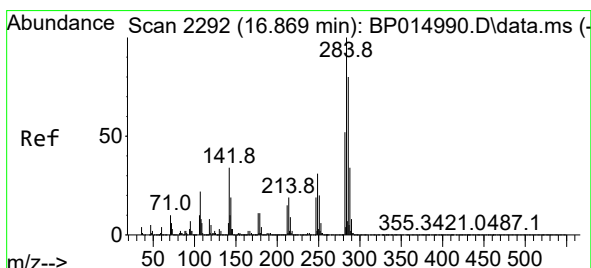
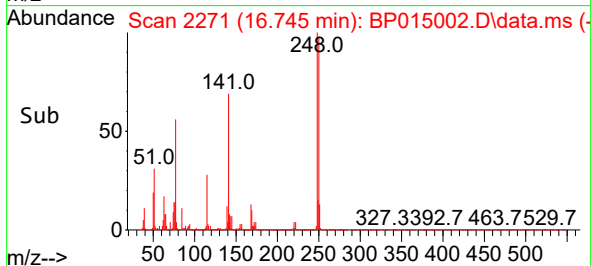
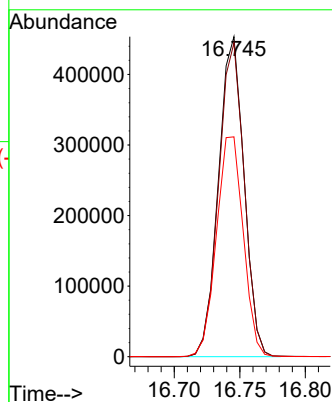
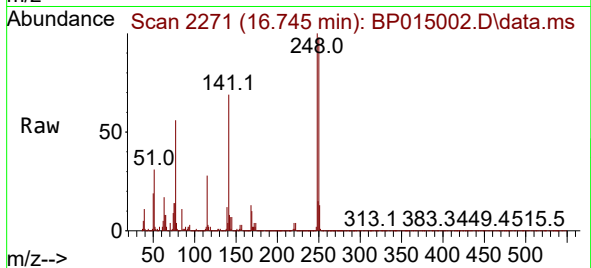




#68
4-Bromophenyl-phenylether
Concen: 30.379 ng/ul
RT: 16.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

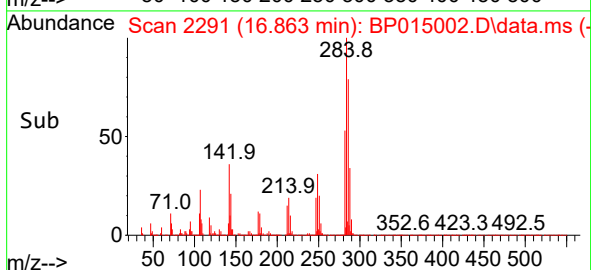
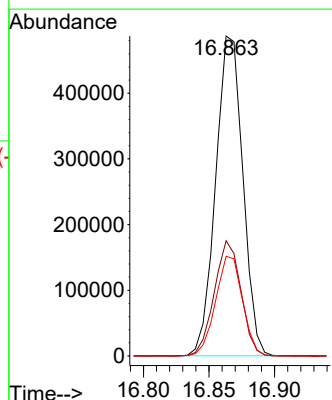
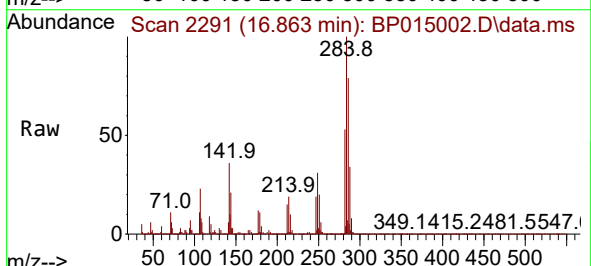
Instrument :
BNA_P
ClientSampleId :
SLCS664

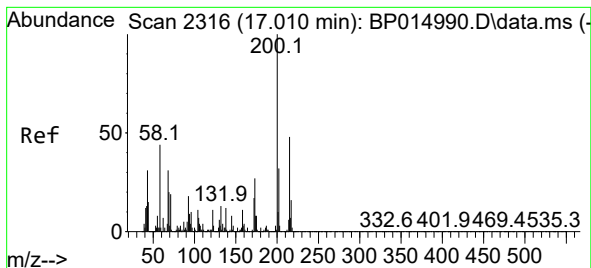
Tgt Ion:248 Resp: 614875
Ion Ratio Lower Upper
248 100
250 98.1 79.5 119.3
141 68.7 60.2 90.4



#69
Hexachlorobenzene
Concen: 29.438 ng/ul
RT: 16.863 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:284 Resp: 701839
Ion Ratio Lower Upper
284 100
142 36.0 30.2 45.2
249 31.2 24.5 36.7





#70

Atrazine

Concen: 22.047 ng/ul

RT: 17.010 min Scan# 2316

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

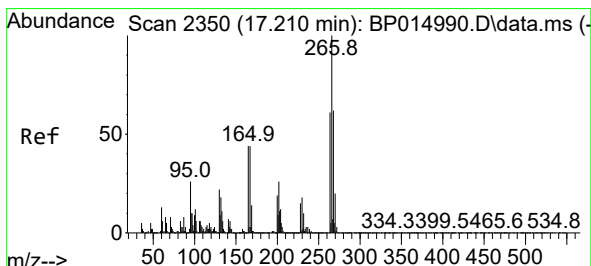
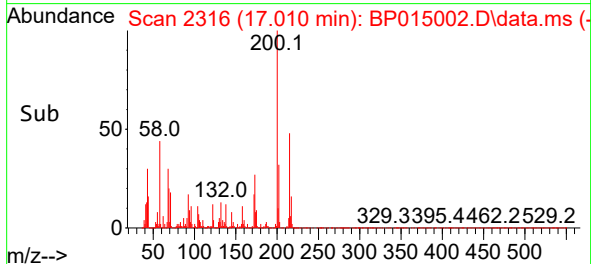
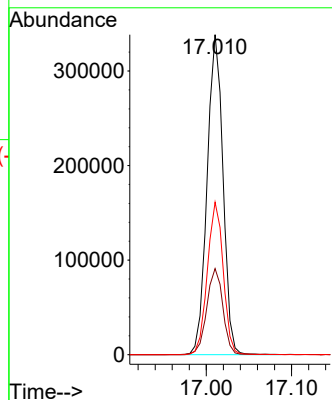
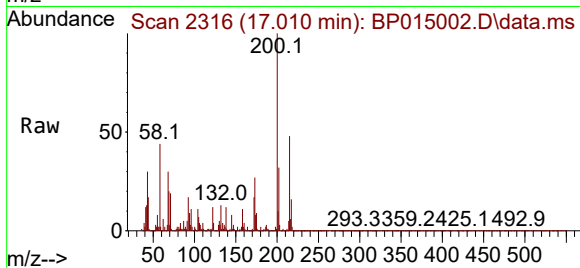
Tgt Ion:200 Resp: 438108

Ion Ratio Lower Upper

200 100

173 26.9 21.8 32.6

215 47.7 39.0 58.4



#71

Pentachlorophenol

Concen: 31.996 ng/ul

RT: 17.210 min Scan# 2350

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

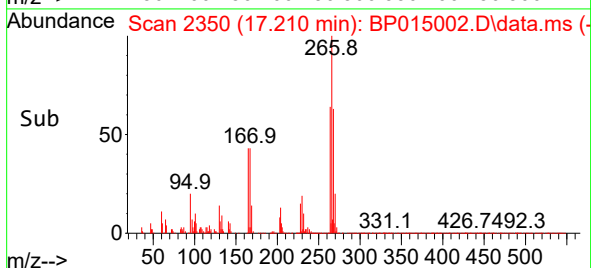
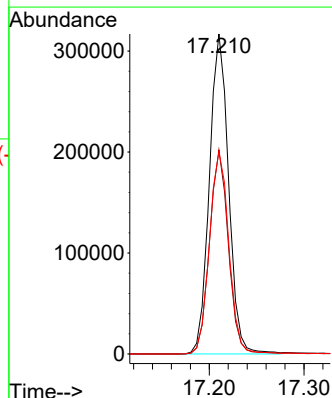
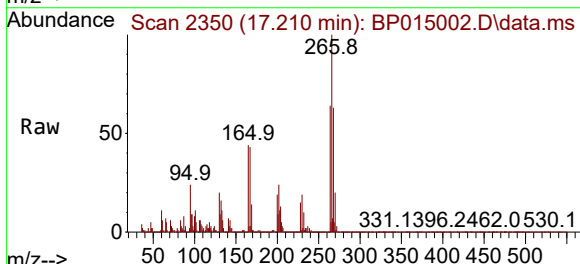
Tgt Ion:266 Resp: 445302

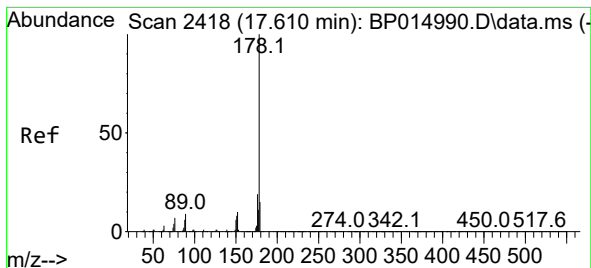
Ion Ratio Lower Upper

266 100

264 63.7 48.9 73.3

268 63.2 49.6 74.4





#72

Phenanthrene

Concen: 29.931 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

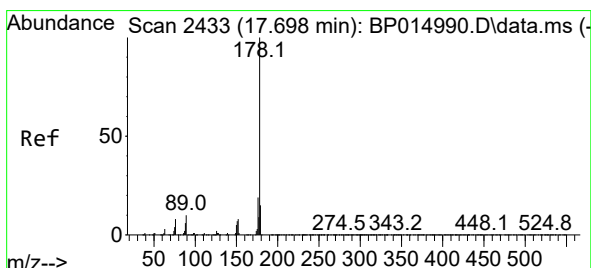
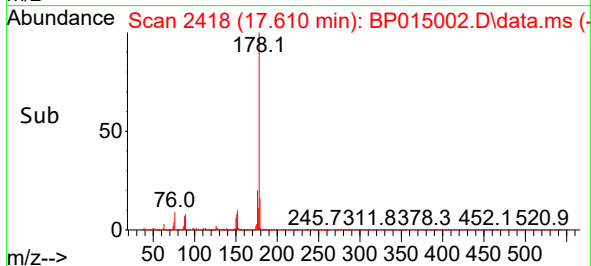
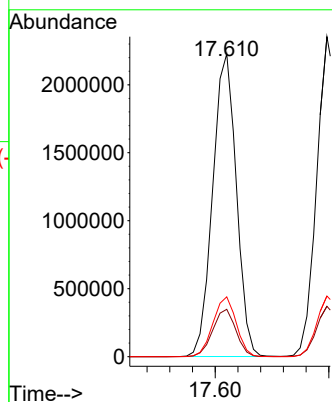
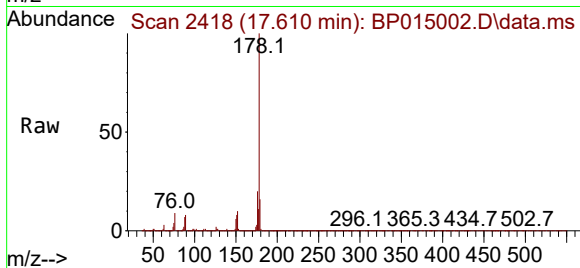
Tgt Ion:178 Resp: 3217223

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.8 15.4 23.0



#74

Anthracene

Concen: 30.199 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

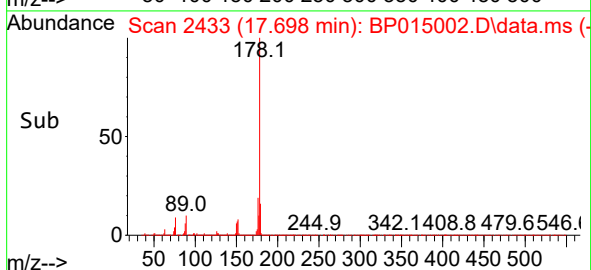
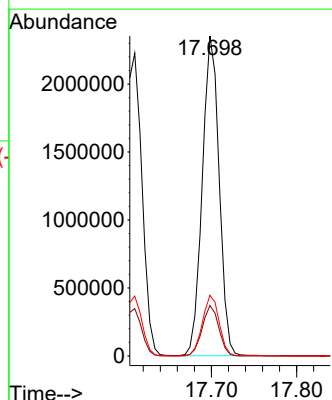
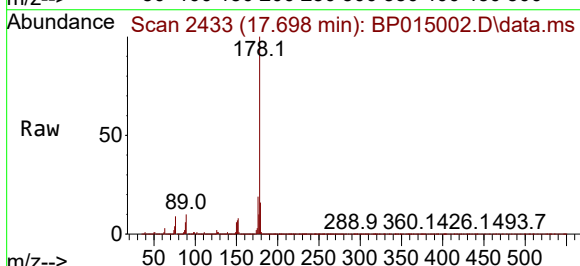
Tgt Ion:178 Resp: 3231670

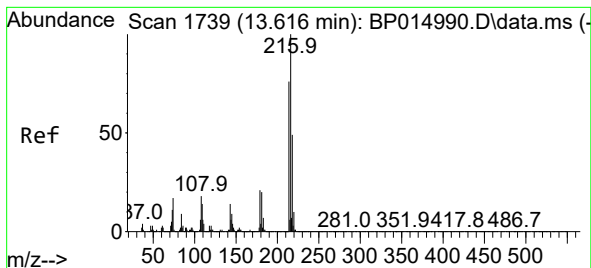
Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 18.9 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.435 ng/uL

RT: 13.610 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

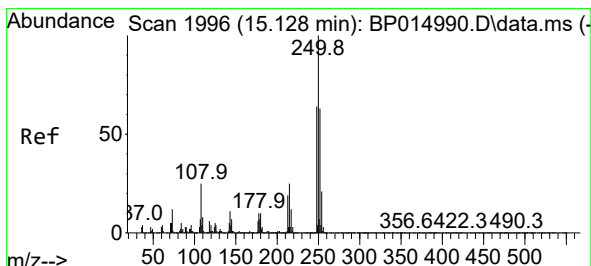
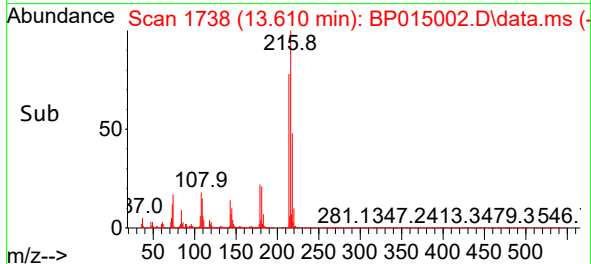
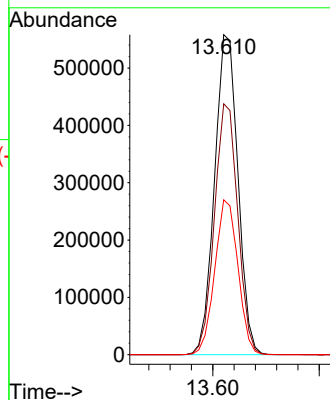
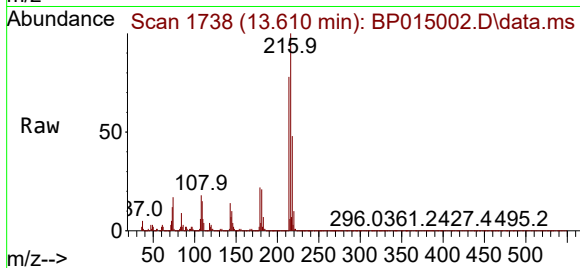
Tgt Ion:216 Resp: 851400

Ion Ratio Lower Upper

216 100

214 78.4 60.5 90.7

218 48.4 38.6 58.0



#76

Pentachlorobenzene

Concen: 26.665 ng/uL

RT: 15.128 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

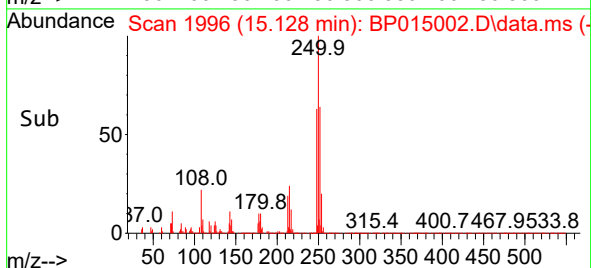
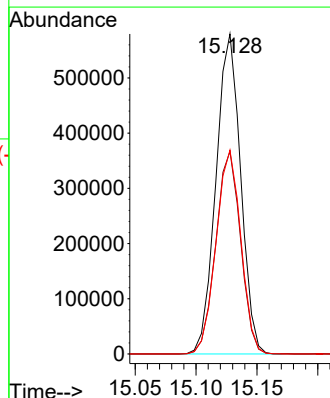
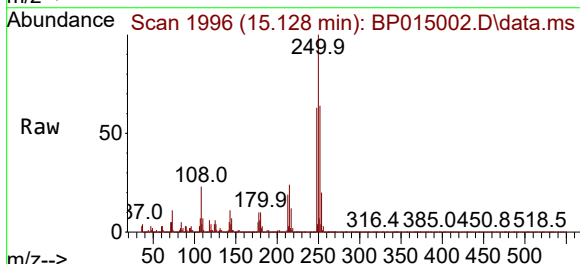
Tgt Ion:250 Resp: 817044

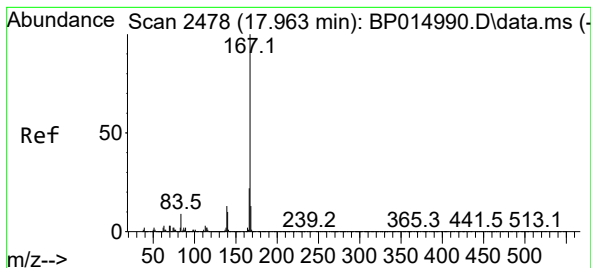
Ion Ratio Lower Upper

250 100

248 63.3 50.5 75.7

252 63.7 50.5 75.7





#77

Carbazole

Concen: 32.859 ng/ul

RT: 17.963 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

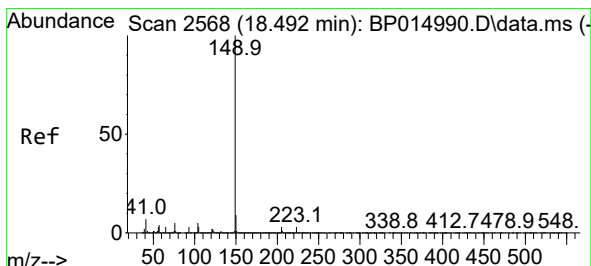
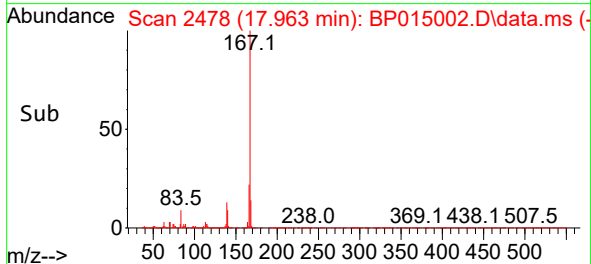
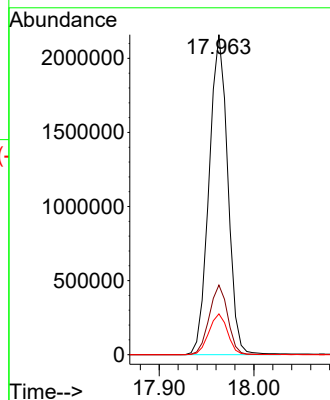
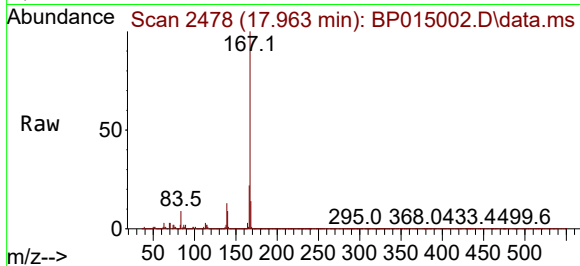
Tgt Ion:167 Resp: 2957542

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.7 10.1 15.1



#78

Di-n-butylphthalate

Concen: 36.500 ng/ul

RT: 18.492 min Scan# 2568

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

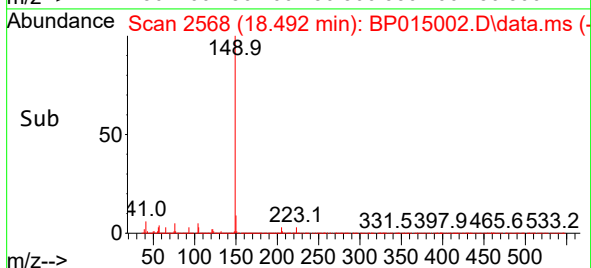
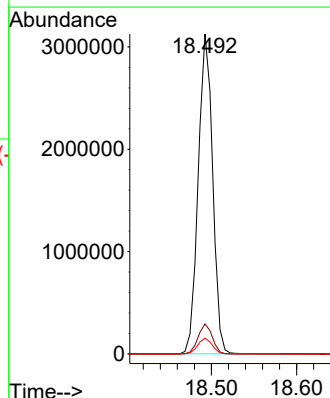
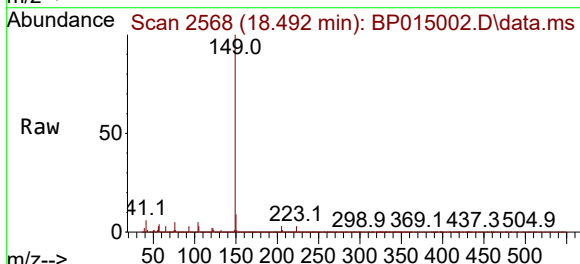
Tgt Ion:149 Resp: 3673663

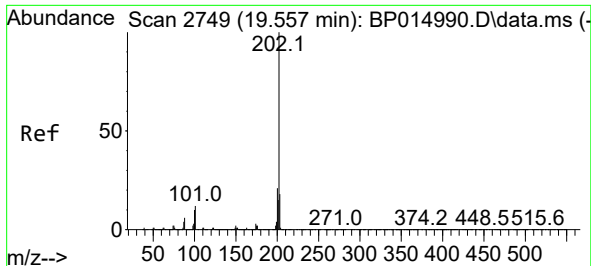
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.9 4.1 6.1

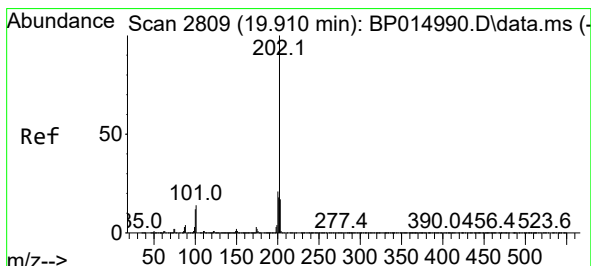
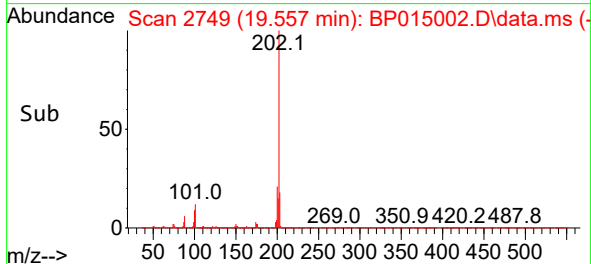
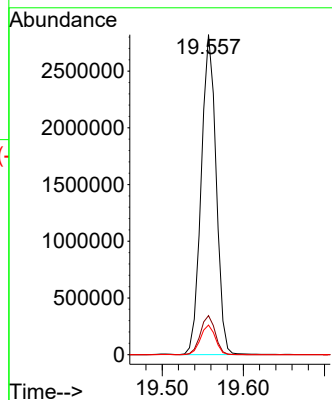
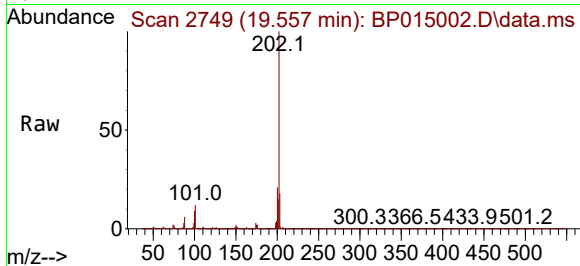




#80
Fluoranthene
Concen: 29.584 ng/ul
RT: 19.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

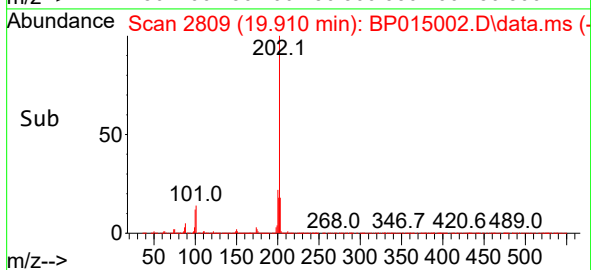
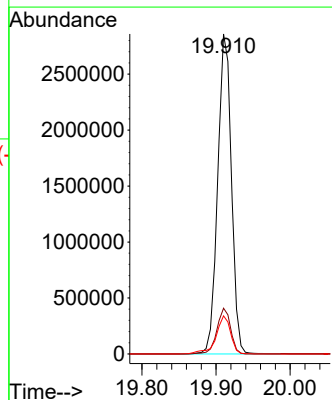
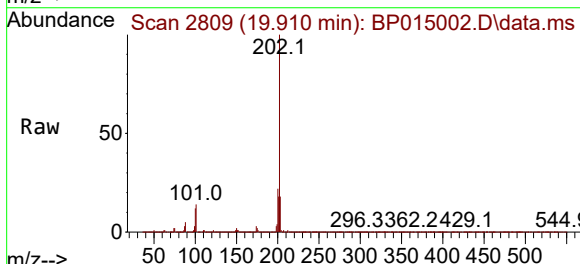
Instrument :
BNA_P
ClientSampleId :
SLCS664

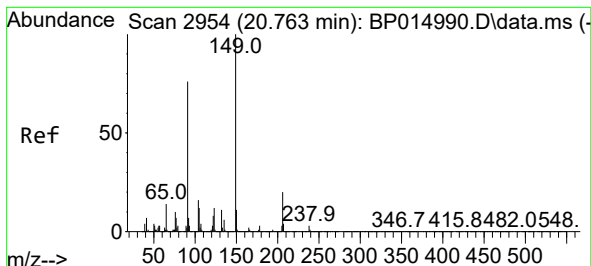
Tgt Ion:202 Resp: 3605518
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.2 7.7 11.5



#82
Pyrene
Concen: 28.417 ng/ul
RT: 19.910 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:202 Resp: 3669306
Ion Ratio Lower Upper
202 100
101 14.3 11.9 17.9
100 11.9 9.7 14.5





#83

Butylbenzylphthalate

Concen: 41.186 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

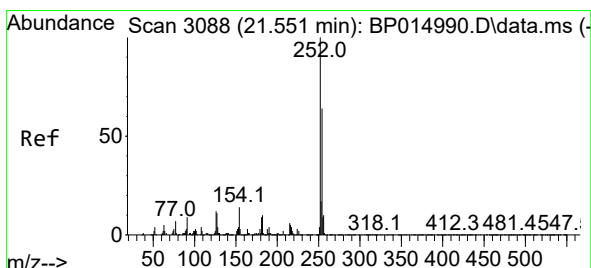
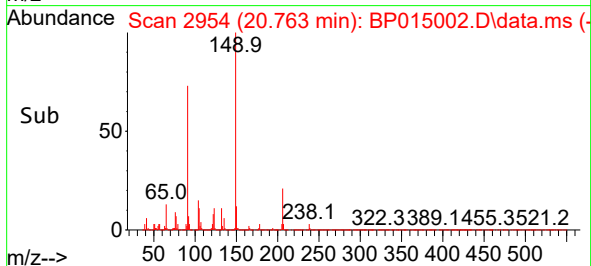
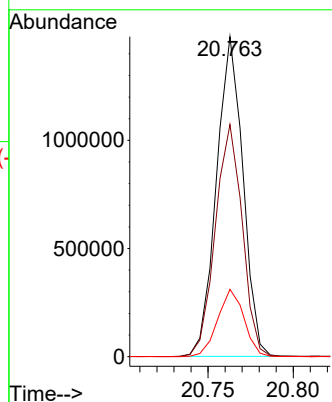
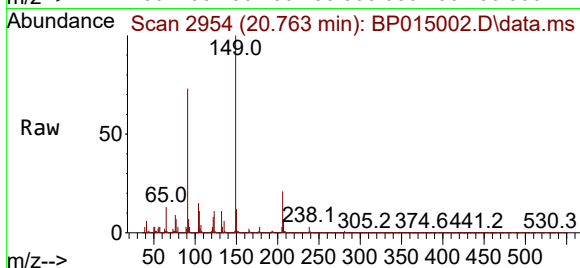
Tgt Ion:149 Resp: 1596690

Ion Ratio Lower Upper

149 100

91 72.6 60.1 90.1

206 21.0 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 40.935 ng/ul

RT: 21.551 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

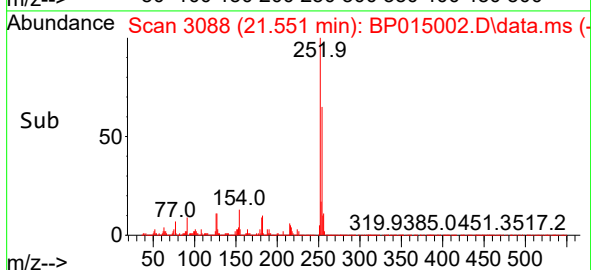
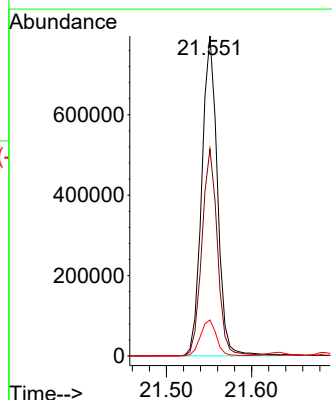
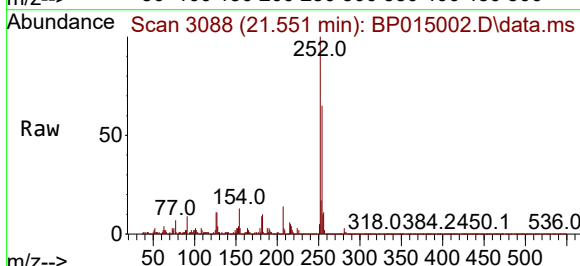
Tgt Ion:252 Resp: 1014598

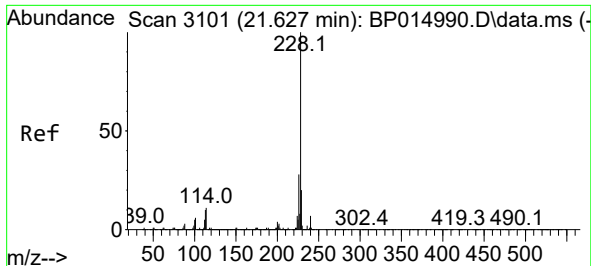
Ion Ratio Lower Upper

252 100

254 64.7 53.3 79.9

126 11.2 9.0 13.6

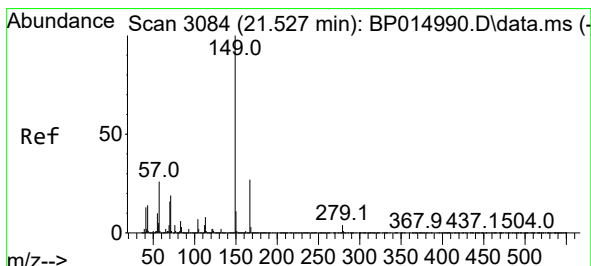
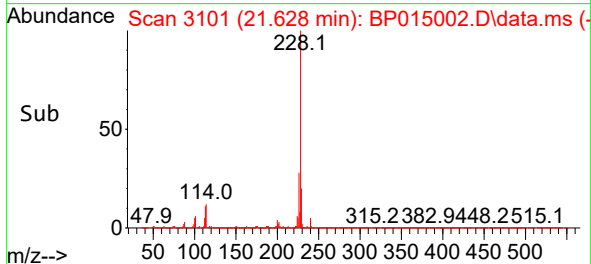
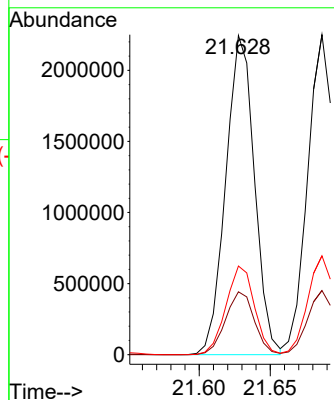
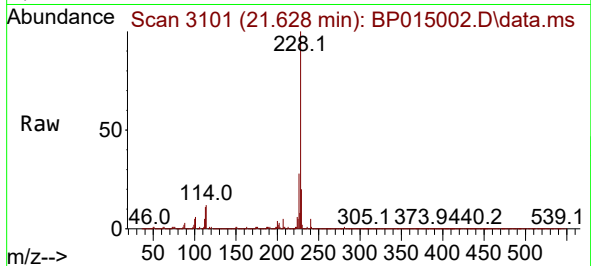




#85
Benzo(a)anthracene
Concen: 32.083 ng/ul
RT: 21.628 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

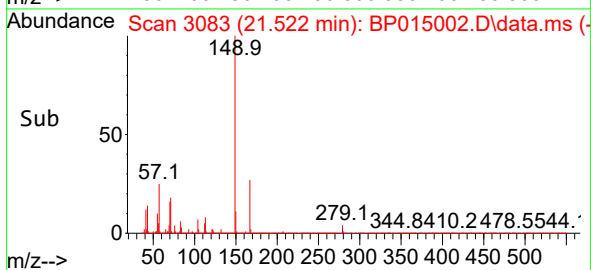
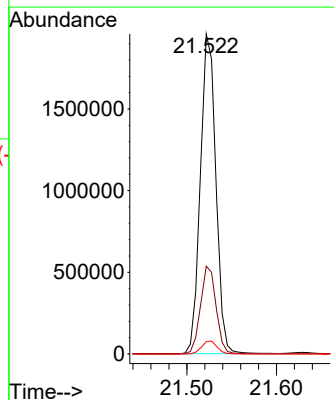
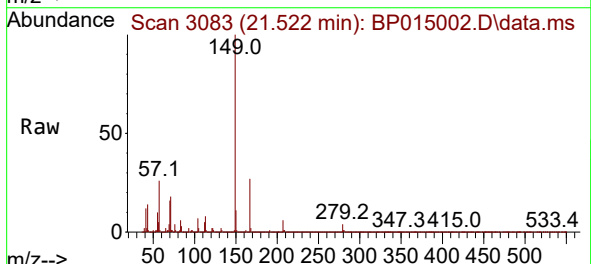
Instrument :
BNA_P
ClientSampleId :
SLCS664

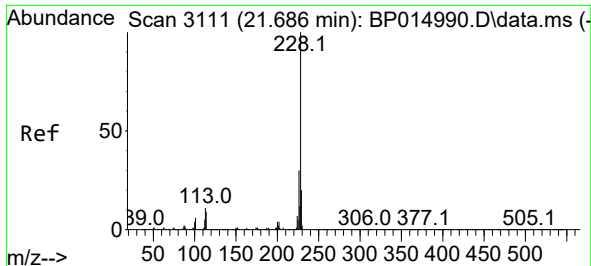
Tgt Ion:228 Resp: 3153507
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.8 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 48.196 ng/ul
RT: 21.522 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:149 Resp: 2350959
Ion Ratio Lower Upper
149 100
167 27.5 22.0 33.0
279 3.9 2.9 4.3

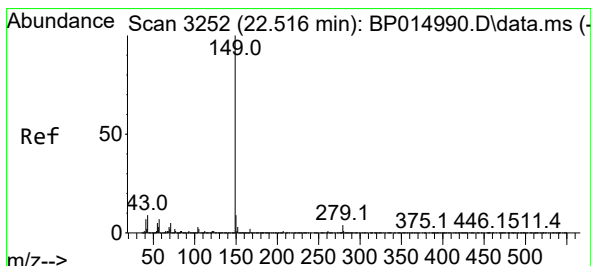
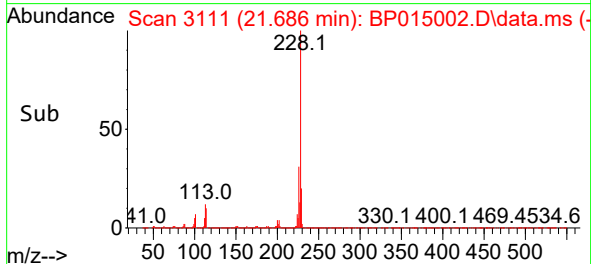
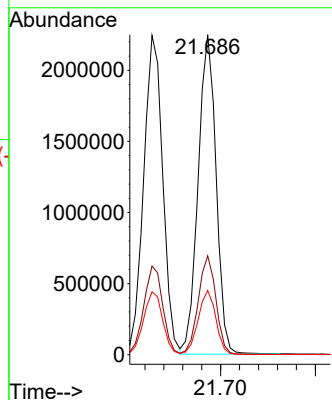
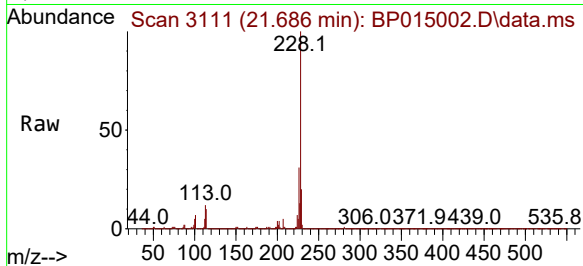




#87
Chrysene
Concen: 29.960 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

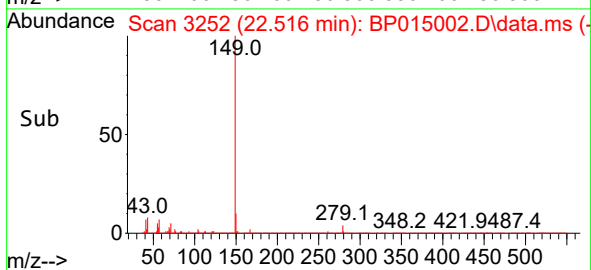
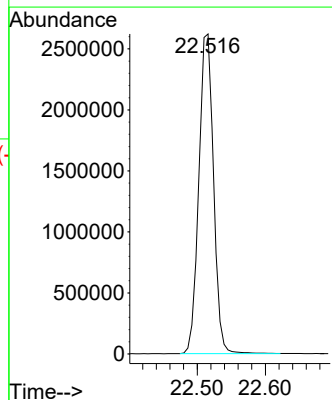
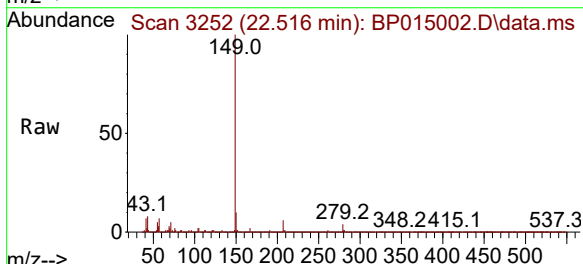
Instrument :
BNA_P
ClientSampleId :
SLCS664

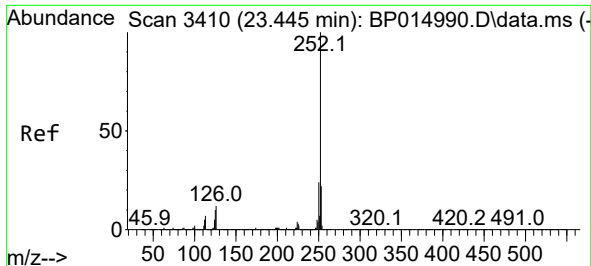
Tgt Ion:228 Resp: 2965162
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 20.0 15.8 23.8



#89
Di-n-octyl phthalate
Concen: 53.454 ng/ul
RT: 22.516 min Scan# 3252
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:149 Resp: 3915477

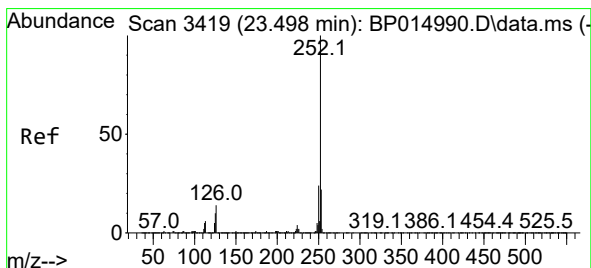
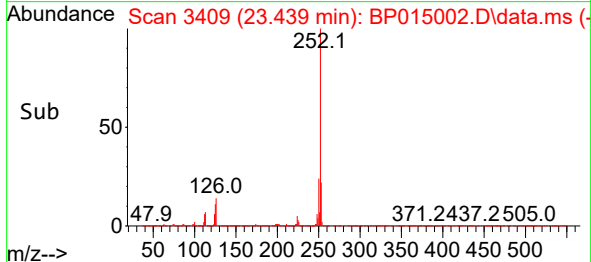
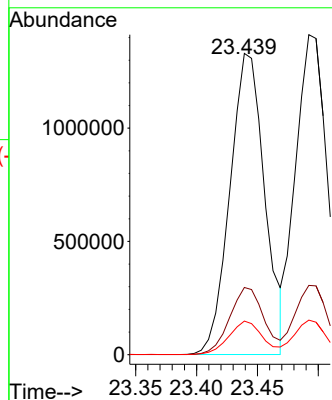
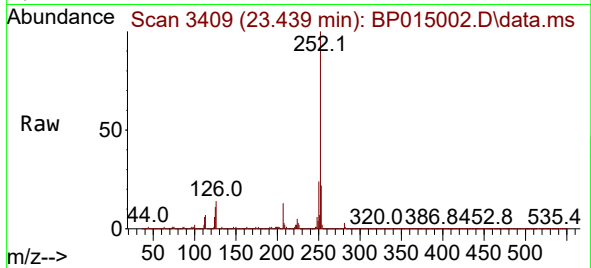




#90
Benzo(b)fluoranthene
Concen: 32.587 ng/ul
RT: 23.439 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

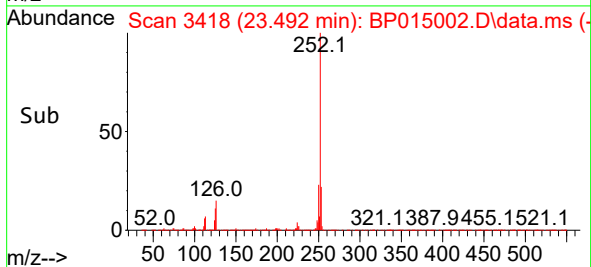
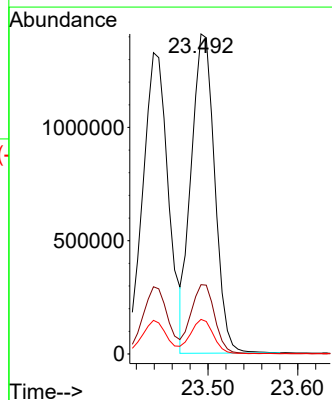
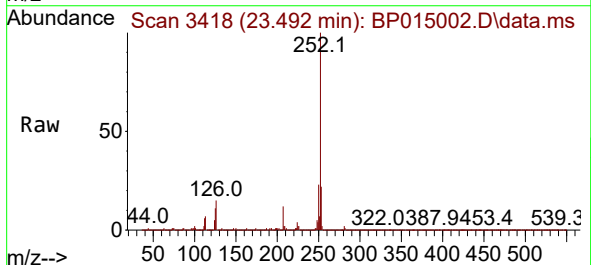
Instrument :
BNA_P
ClientSampleId :
SLCS664

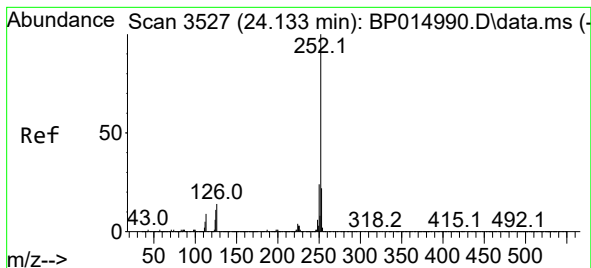
Tgt Ion:252 Resp: 2642065
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.2 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 30.998 ng/ul
RT: 23.492 min Scan# 3418
Delta R.T. -0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:252 Resp: 2557801
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.8 8.9 13.3





#93

Benzo(a)pyrene

Concen: 31.126 ng/ul

RT: 24.127 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

Instrument :

BNA_P

ClientSampleId :

SLCS664

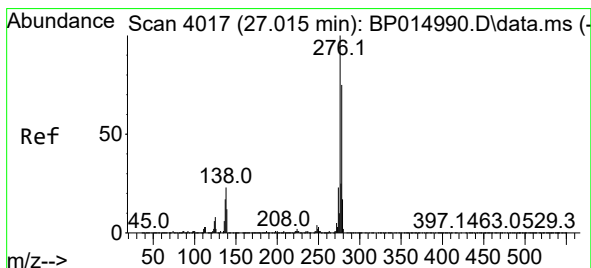
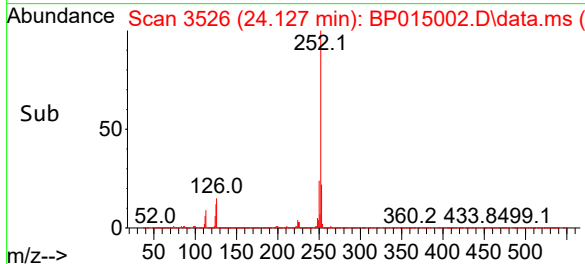
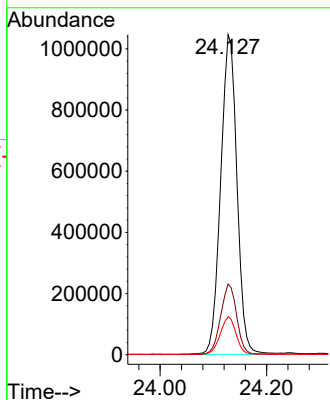
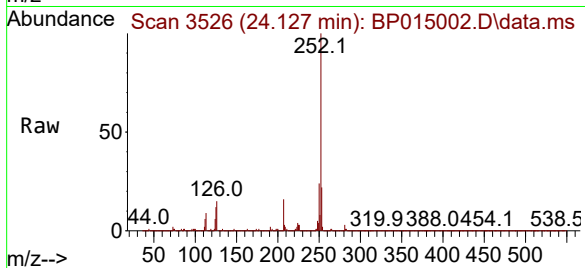
Tgt Ion:252 Resp: 2213205

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.9 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.330 ng/ul

RT: 27.010 min Scan# 4016

Delta R.T. 0.006 min

Lab File: BP015002.D

Acq: 08 May 2023 20:08

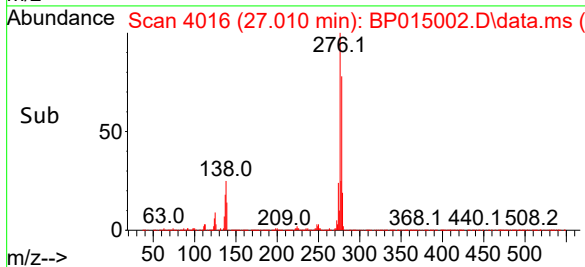
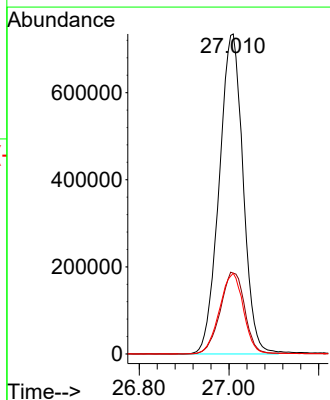
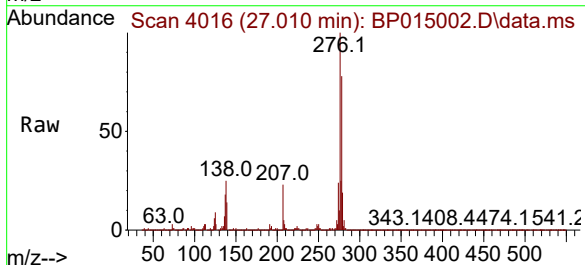
Tgt Ion:276 Resp: 2717421

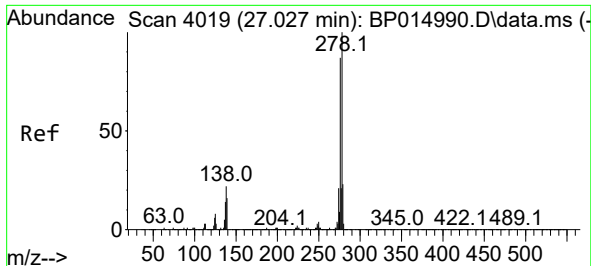
Ion Ratio Lower Upper

276 100

138 25.3 19.4 29.0

277 25.2 19.4 29.2

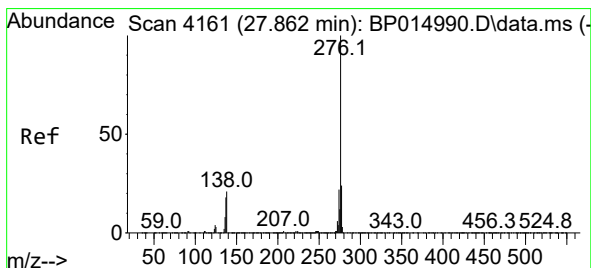
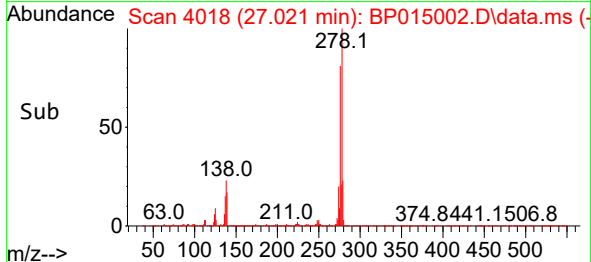
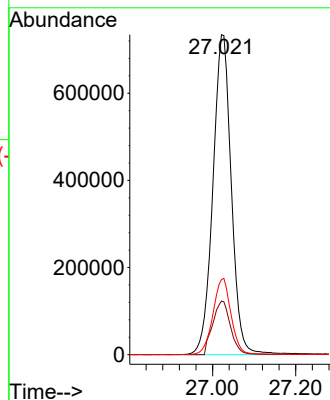
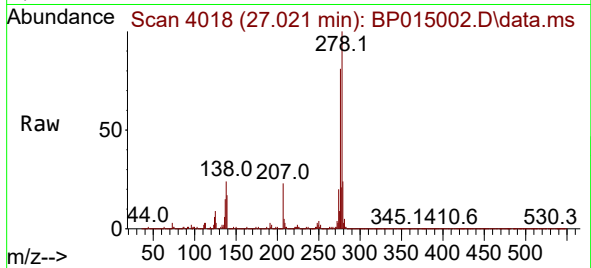




#95
Dibenzo(a,h)anthracene
Concen: 31.718 ng/ul
RT: 27.021 min Scan# 4019
Delta R.T. -0.006 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Instrument :
BNA_P
ClientSampleId :
SLCS664

Tgt Ion:278 Resp: 2254787
Ion Ratio Lower Upper
278 100
139 16.8 12.9 19.3
279 23.5 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 30.653 ng/ul
RT: 27.857 min Scan# 4160
Delta R.T. 0.000 min
Lab File: BP015002.D
Acq: 08 May 2023 20:08

Tgt Ion:276 Resp: 2262811
Ion Ratio Lower Upper
276 100
138 22.3 18.0 27.0
277 23.5 19.8 29.8

