

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
 Data File : BP019113.D
 Acq On : 27 Dec 2023 13:41
 Operator : MA/JU
 Sample : SST02072
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020639

Quant Time: Dec 28 02:27:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 02:21:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	144457	20.000	ng/u1	0.00
20) Naphthalene-d8	10.605	136	545364	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	336147	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	780314	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	893557	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	1064572	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	32423	7.698	ng/uL	0.00
4) Pyridine-d5	3.658	84	213239	20.086	ng/u1	0.00
7) Phenol-d5	6.987	99	249972	19.296	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	149692	19.974	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	198285	18.986	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	190754	18.913	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	91170	19.339	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	96921	19.023	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	198379	19.282	ng/u1	0.00
31) 4-Chloroaniline-d4	10.752	131	247504	19.558	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	568805	19.157	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	622384	19.319	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	97136	19.374	ng/u1	0.00
60) Fluorene-d10	15.451	176	494240	19.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	92979	18.176	ng/u1	0.00
73) Anthracene-d10	17.310	188	792501	19.448	ng/u1	0.00
81) Pyrene-d10	19.557	212	1019936	18.729	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	1156784	18.904	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	35750	7.687	ng/uL	100
5) Pyridine	3.676	79	219579	20.376	ng/u1	100
6) Benzaldehyde	6.952	77	117772	19.580	ng/u1	100
8) Phenol	7.011	94	248822	19.446	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.240	93	205781	19.876	ng/u1	100
12) 2-Chlorophenol	7.375	128	201060	18.810	ng/u1	100
13) 2-Methylphenol	8.264	108	179742	18.989	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.340	45	247151	20.237	ng/u1	100
16) Acetophenone	8.640	105	298310	19.749	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.622	70	141461	18.781	ng/u1	100
18) 4-Methylphenol	8.593	108	196420	19.278	ng/u1	100
19) Hexachloroethane	8.881	117	85084	18.977	ng/u1	100
22) Nitrobenzene	9.016	77	220582	19.152	ng/u1	100
23) Isophorone	9.546	82	388599	18.710	ng/u1	100
25) 2-Nitrophenol	9.728	139	105199	19.338	ng/u1	100
26) 2,4-Dimethylphenol	9.793	107	193263	20.180	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.028	93	263578	19.201	ng/u1	100
29) 2,4-Dichlorophenol	10.258	162	193484	19.245	ng/u1	100
30) Naphthalene	10.658	128	632952	19.250	ng/u1	100
32) 4-Chloroaniline	10.781	127	238451	19.637	ng/u1	100
33) Hexachlorobutadiene	10.940	225	149553	19.328	ng/u1	100
34) Caprolactam	11.569	113	46538	17.686	ng/u1	100
35) 4-Chloro-3-methylphenol	11.910	107	188308	19.080	ng/u1	100
36) 2-Methylnaphthalene	12.275	142	424643	19.155	ng/u1	100

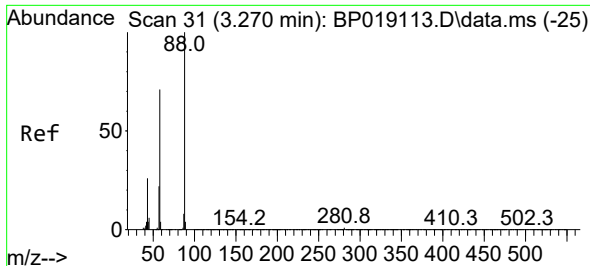
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	430217	19.244	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.640	216	268572	19.399	ng/ul	100
40) Hexachlorocyclopentadiene	12.616	237	146614	19.079	ng/ul	100
41) 2,4,6-Trichlorophenol	12.887	196	157506	19.064	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	169156	19.287	ng/ul	100
43) 1,1'-Biphenyl	13.287	154	557015	18.996	ng/ul	100
44) 2-Chloronaphthalene	13.328	162	448941	19.080	ng/ul	100
45) 2-Nitroaniline	13.546	65	105876	18.744	ng/ul	100
47) Dimethylphthalate	13.922	163	566787	19.339	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	101512	18.849	ng/ul	100
50) Acenaphthylene	14.175	152	703135	19.398	ng/ul	100
51) 3-Nitroaniline	14.369	138	100261	19.043	ng/ul	100
52) Acenaphthene	14.522	153	469096	19.095	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	57150	16.471	ng/ul	100
55) 4-Nitrophenol	14.687	109	78393	19.564	ng/ul	100
56) Dibenzofuran	14.857	168	675765	19.262	ng/ul	100
57) 2,4-Dinitrotoluene	14.834	165	154732	19.535	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.087	232	144304	18.832	ng/ul	100
59) Diethylphthalate	15.287	149	551263	19.399	ng/ul	100
61) Fluorene	15.504	166	545698	19.434	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	297366	19.392	ng/ul	100
63) 4-Nitroaniline	15.540	138	104000	20.165	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.593	198	101475	18.735	ng/ul	100
67) N-Nitrosodiphenylamine	15.722	169	462334	19.413	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	188502	19.436	ng/ul	100
69) Hexachlorobenzene	16.510	284	227488	19.193	ng/ul	100
70) Atrazine	16.681	200	105523	15.701	ng/ul	100
71) Pentachlorophenol	16.863	266	127234	18.284	ng/ul	100
72) Phenanthrene	17.257	178	912281	19.292	ng/ul	100
74) Anthracene	17.345	178	913023	19.394	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	258055	19.020	ng/uL	100
76) Pentachlorobenzene	14.775	250	259821	19.272	ng/uL	100
77) Carbazole	17.622	167	814061	20.788	ng/ul	100
78) Di-n-butylphthalate	18.181	149	957235	19.710	ng/ul	100
80) Fluoranthene	19.234	202	1157254	18.519	ng/ul	100
82) Pyrene	19.586	202	1230690	18.797	ng/ul	100
83) Butylbenzylphthalate	20.469	149	447079	19.117	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.239	252	442864	19.812	ng/ul	100
85) Benzo(a)anthracene	21.304	228	1347576	19.088	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	678568	19.705	ng/ul	100
87) Chrysene	21.357	228	1260775	19.151	ng/ul	100
89) Di-n-octyl phthalate	22.151	149	1194644	19.624	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	1438311	19.235	ng/ul	100
91) Benzo(k)fluoranthene	23.016	252	1368632	18.626	ng/ul	100
93) Benzo(a)pyrene	23.586	252	1334988	18.968	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.151	276	1694838	18.785	ng/ul	100
95) Dibenzo(a,h)anthracene	26.168	278	1412707	18.822	ng/ul	100
96) Benzo(g,h,i)perylene	26.904	276	1360887	18.822	ng/ul	100

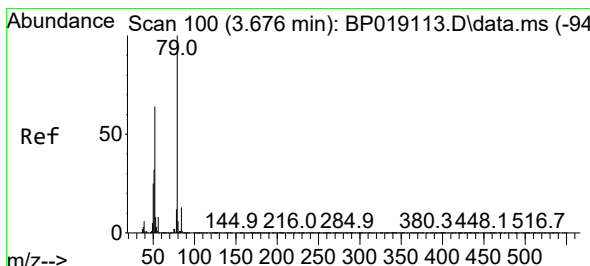
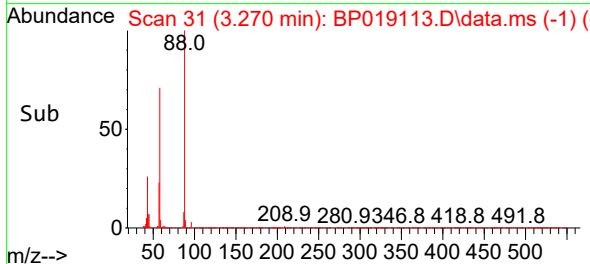
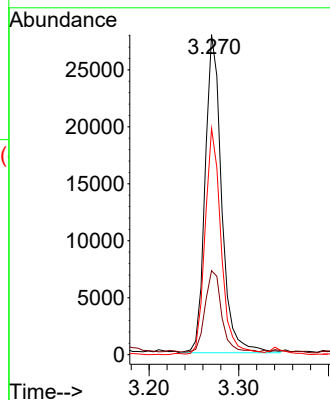
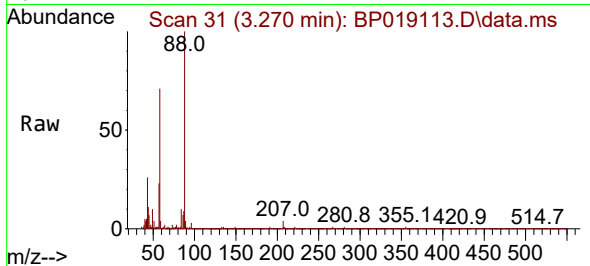
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#2
1,4-Dioxane
Concen: 7.687 ng/uL
RT: 3.270 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

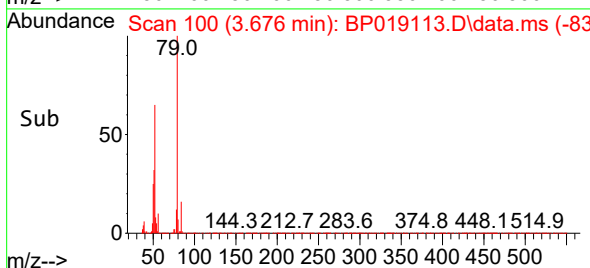
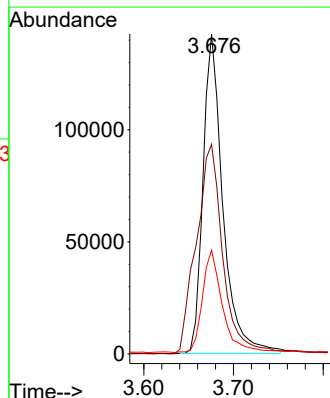
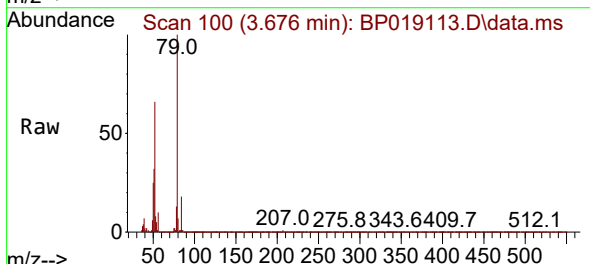
Instrument :
BNA_P
ClientSampleId :
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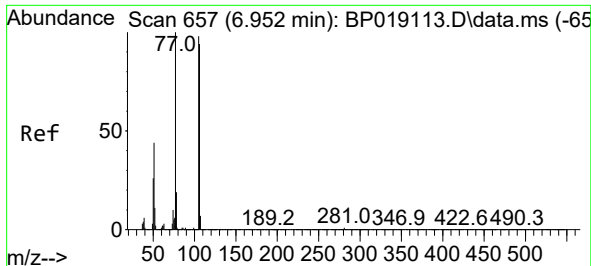
Tgt Ion: 88 Resp: 35750
Ion Ratio Lower Upper
88 100
43 26.2 21.0 31.4
58 70.7 56.6 84.8



#5
Pyridine
Concen: 20.376 ng/uL
RT: 3.676 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion: 79 Resp: 219579
Ion Ratio Lower Upper
79 100
52 65.5 52.4 78.6
51 32.4 25.9 38.9

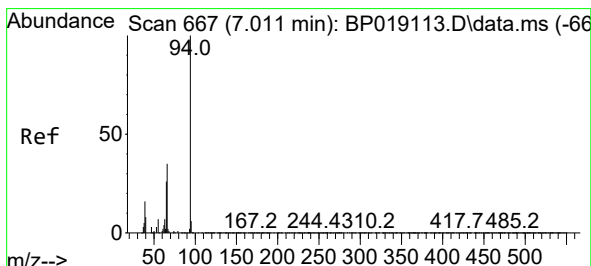
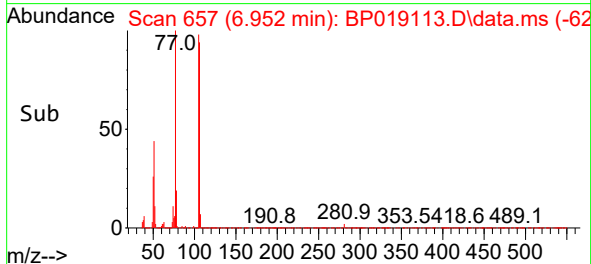
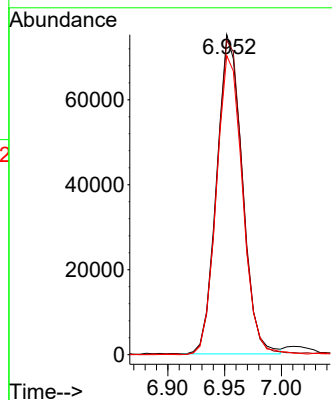
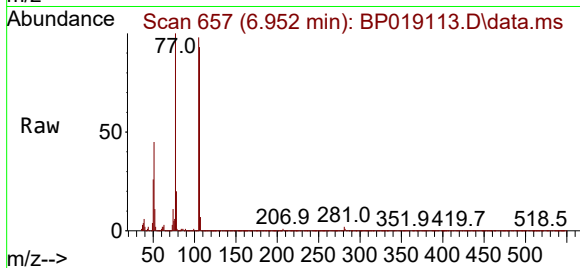




#6
Benzaldehyde
Concen: 19.580 ng/ul
RT: 6.952 min Scan# 657
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

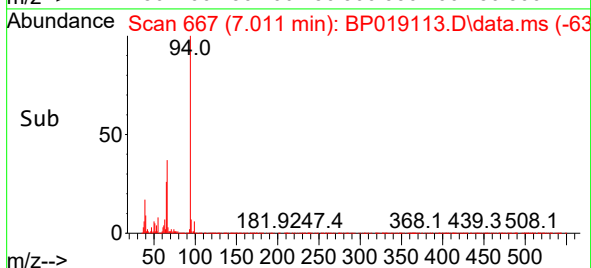
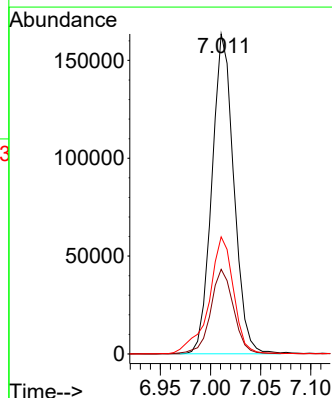
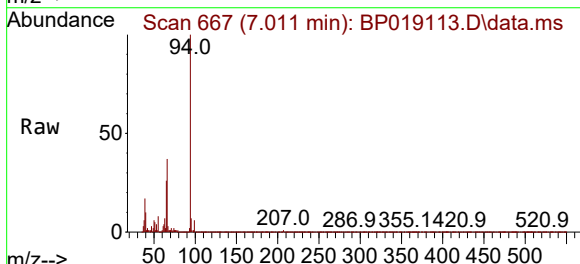
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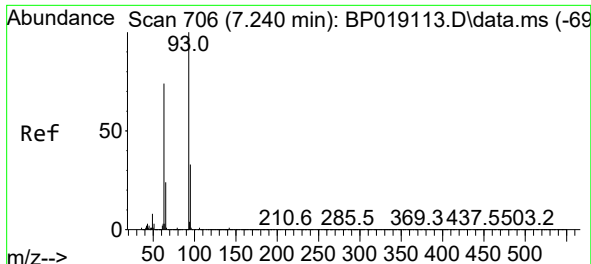
Tgt Ion: 77 Resp: 117772
Ion Ratio Lower Upper
77 100
105 98.2 78.6 117.8
106 93.5 74.8 112.2



#8
Phenol
Concen: 19.446 ng/ul
RT: 7.011 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion: 94 Resp: 248822
Ion Ratio Lower Upper
94 100
65 26.4 21.1 31.7
66 36.6 29.3 43.9

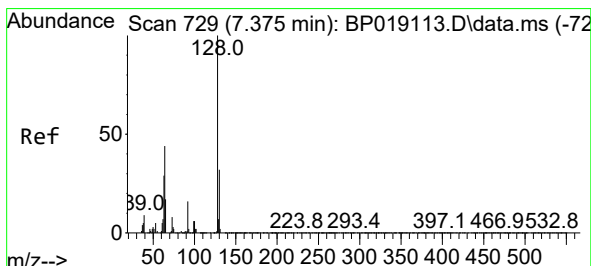
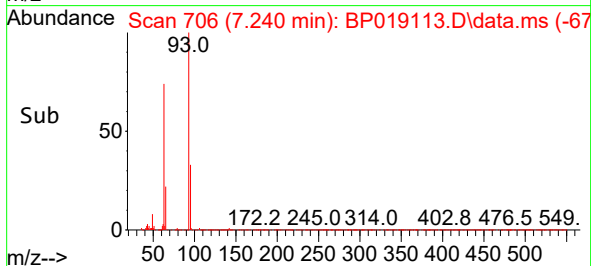
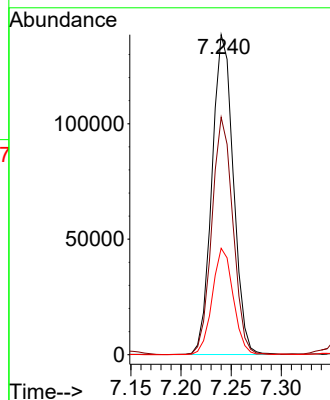
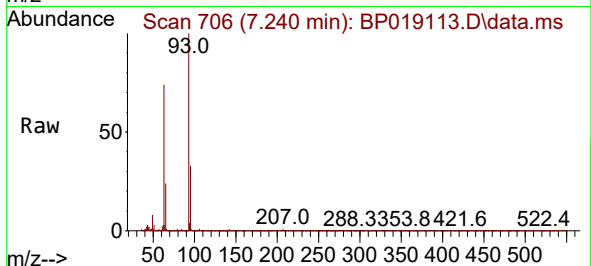




#10
Bis(2-Chloroethyl)ether
Concen: 19.876 ng/ul
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

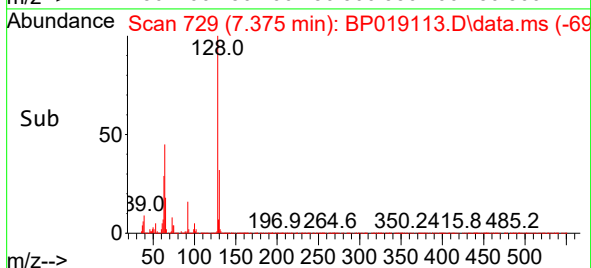
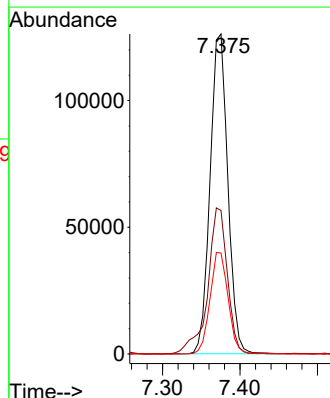
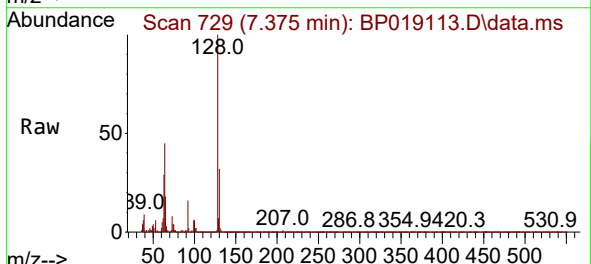
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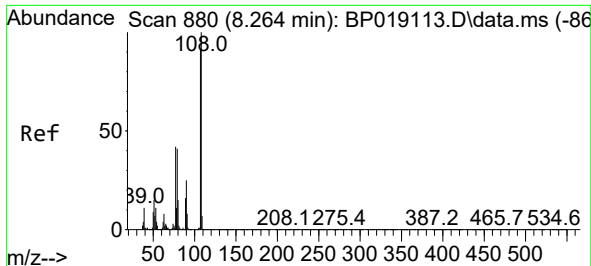
Tgt Ion: 93 Resp: 205781
Ion Ratio Lower Upper
93 100
63 74.2 59.4 89.0
95 33.3 26.6 40.0



#12
2-Chlorophenol
Concen: 18.810 ng/ul
RT: 7.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion: 128 Resp: 201060
Ion Ratio Lower Upper
128 100
64 44.9 35.9 53.9
130 31.6 25.3 37.9





#13

2-Methylphenol

Concen: 18.989 ng/ul

RT: 8.264 min Scan# 880

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

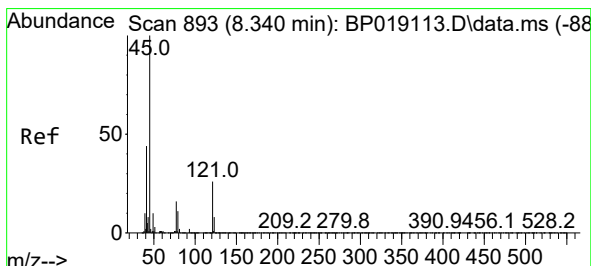
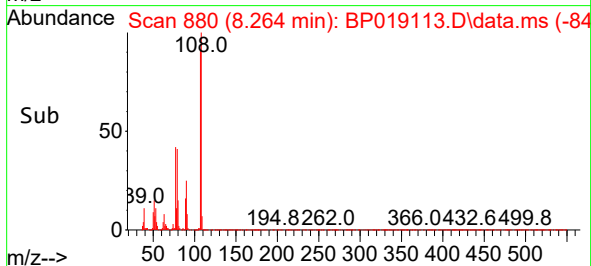
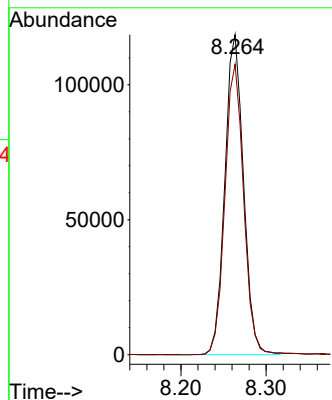
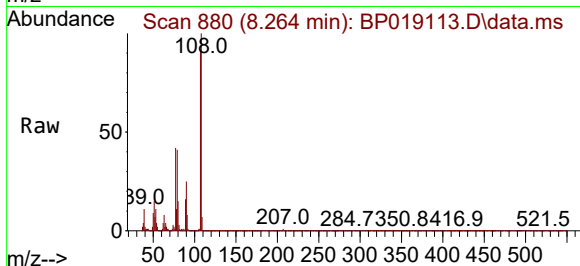
SSTD020639

Tgt Ion:108 Resp: 179742

Ion Ratio Lower Upper

108 100

107 90.8 72.6 109.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.237 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

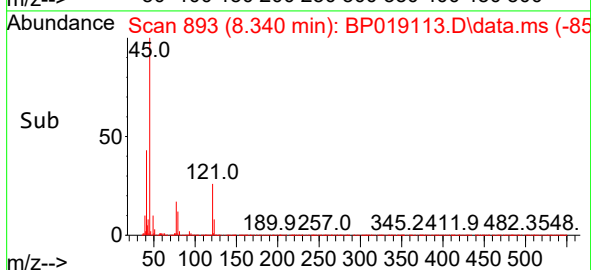
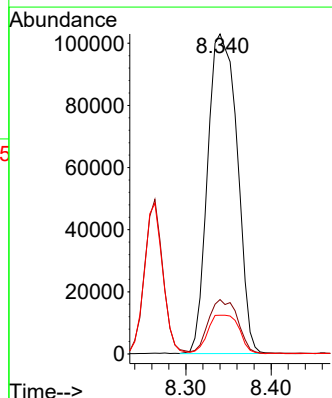
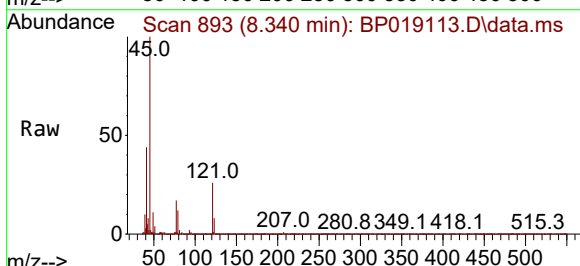
Tgt Ion: 45 Resp: 247151

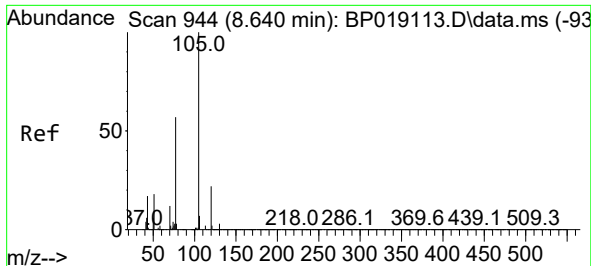
Ion Ratio Lower Upper

45 100

77 17.0 13.6 20.4

79 12.1 9.7 14.5

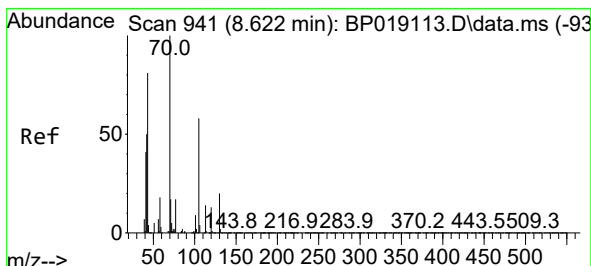
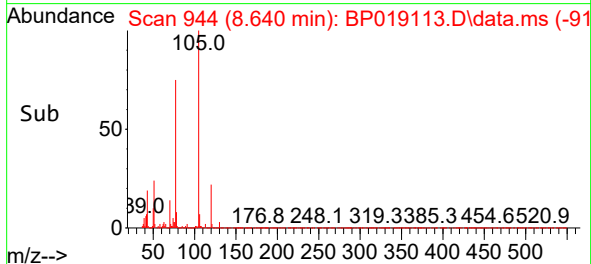
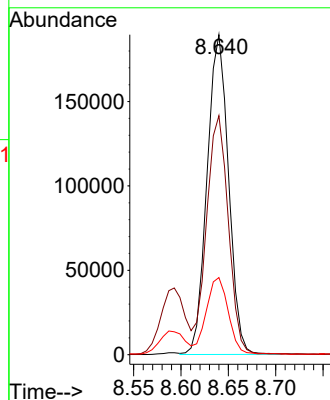
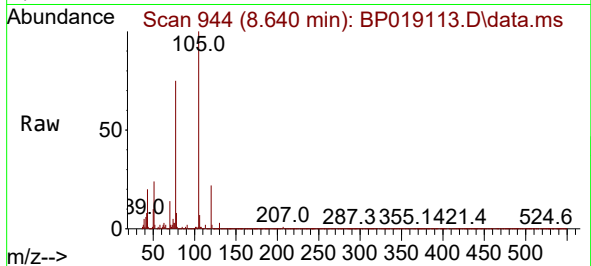




#16
Acetophenone
Concen: 19.749 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

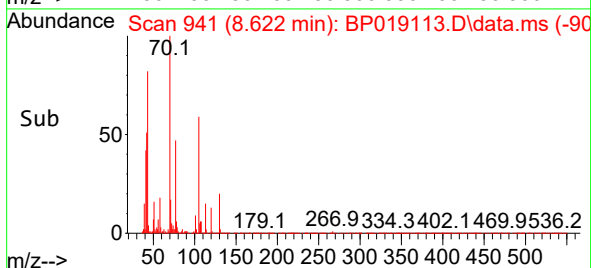
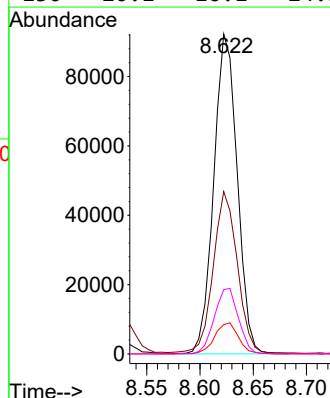
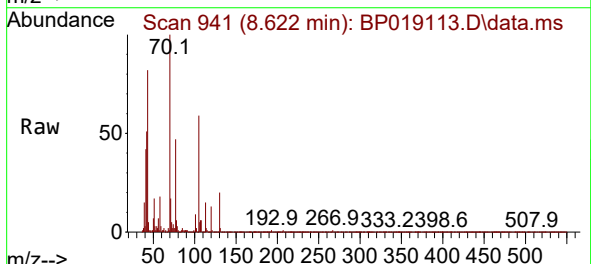
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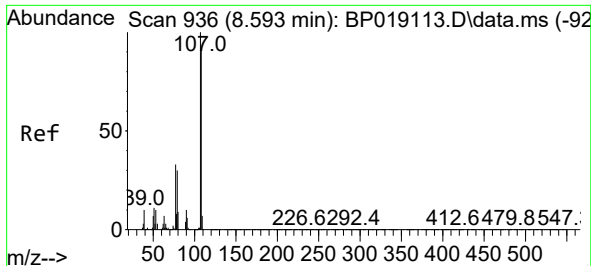
Tgt Ion:105 Resp: 298310
Ion Ratio Lower Upper
105 100
77 74.7 59.8 89.6
51 24.1 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 18.781 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion: 70 Resp: 141461
Ion Ratio Lower Upper
70 100
42 50.8 40.6 61.0
101 9.1 7.3 10.9
130 20.1 16.1 24.1

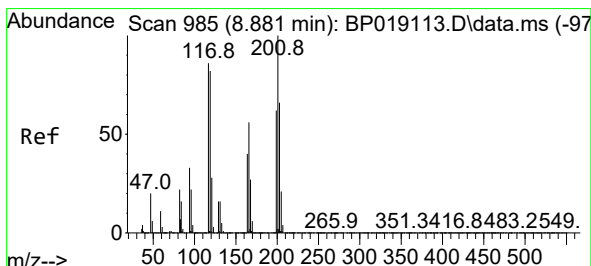
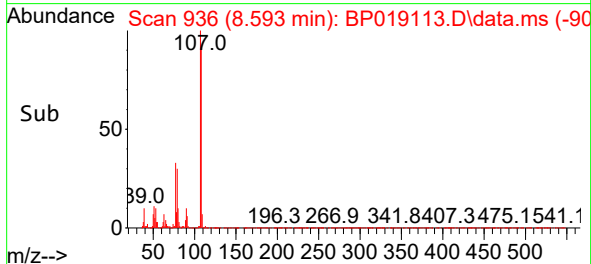
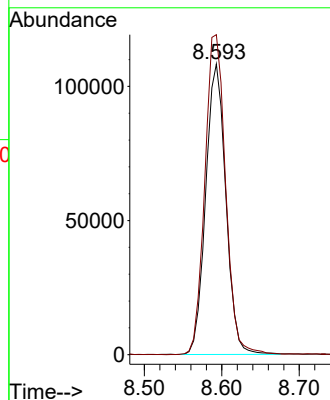
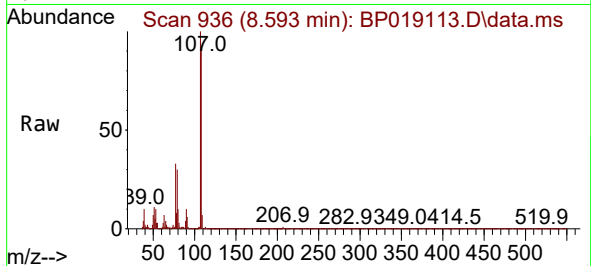




#18
4-Methylphenol
Concen: 19.278 ng/ul
RT: 8.593 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

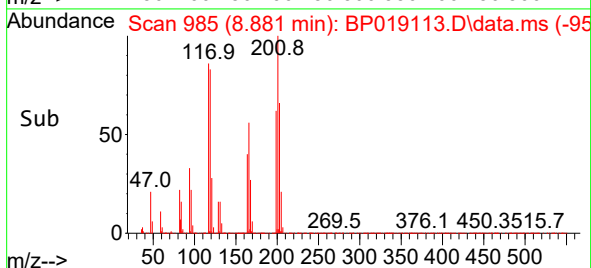
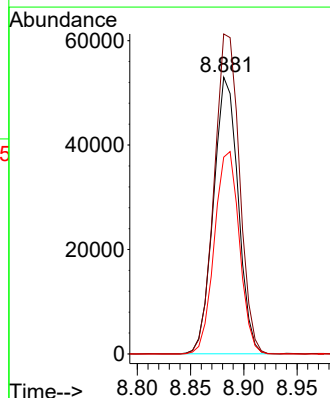
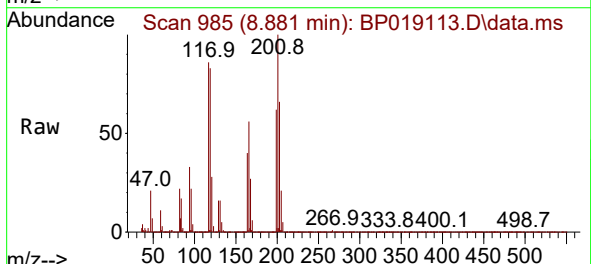
Instrument :
BNA_P
ClientSampleId :
SSTD020639

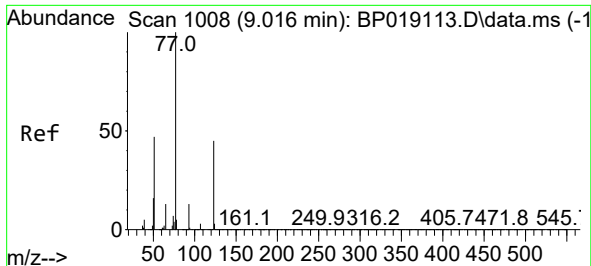
Tgt Ion:108 Resp: 196420
Ion Ratio Lower Upper
108 100
107 110.1 88.1 132.1



#19
Hexachloroethane
Concen: 18.977 ng/ul
RT: 8.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:117 Resp: 85084
Ion Ratio Lower Upper
117 100
201 115.6 92.5 138.7
199 71.1 56.9 85.3

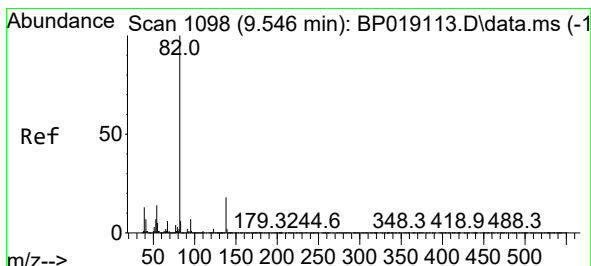
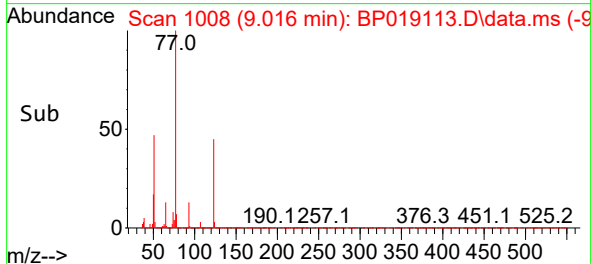
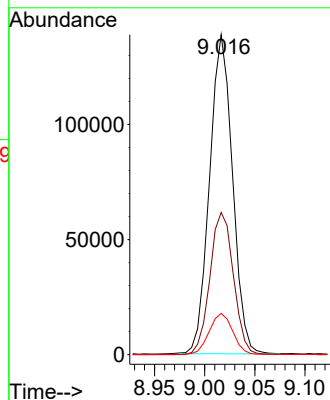
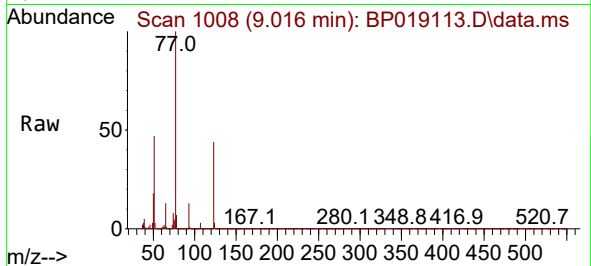




#22
Nitrobenzene
Concen: 19.152 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

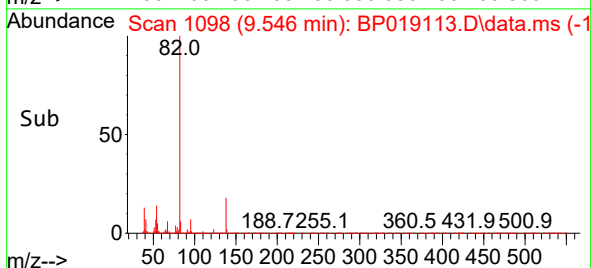
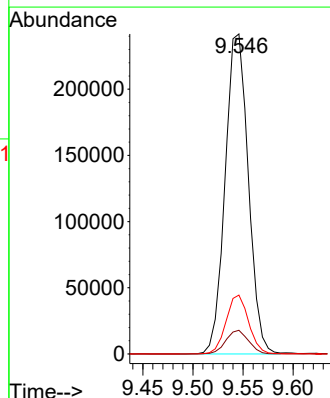
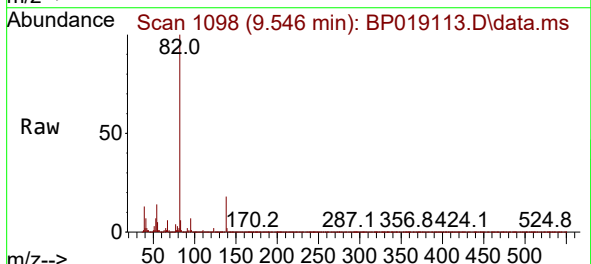
Instrument :
BNA_P
ClientSampleId :
SSTD020639

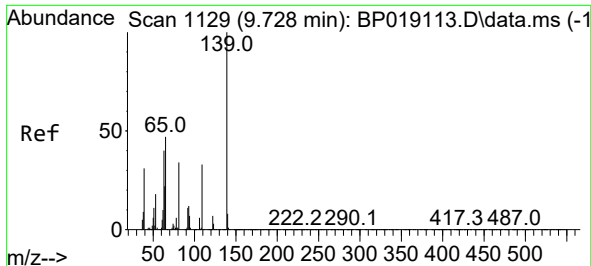
Tgt Ion: 77 Resp: 220582
Ion Ratio Lower Upper
77 100
123 44.4 35.5 53.3
65 12.9 10.3 15.5



#23
Isophorone
Concen: 18.710 ng/ul
RT: 9.546 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion: 82 Resp: 388599
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.4 14.7 22.1

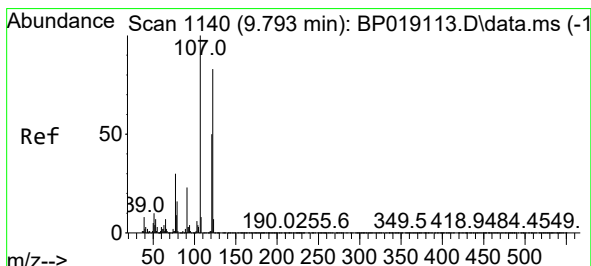
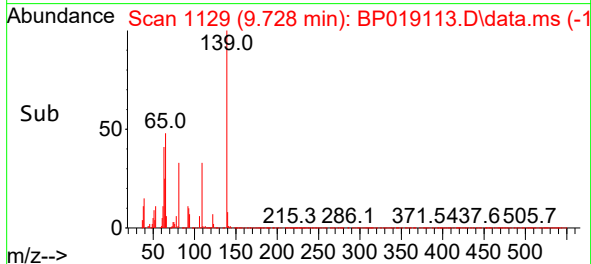
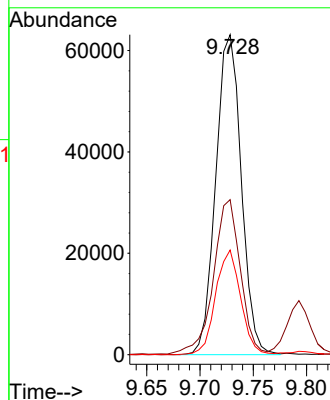
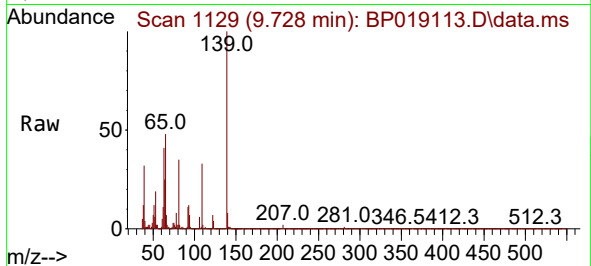




#25
2-Nitrophenol
Concen: 19.338 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

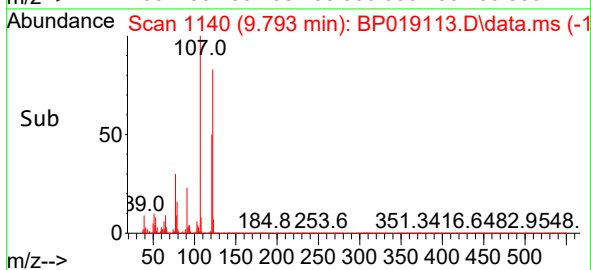
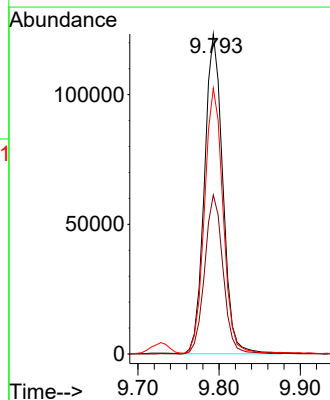
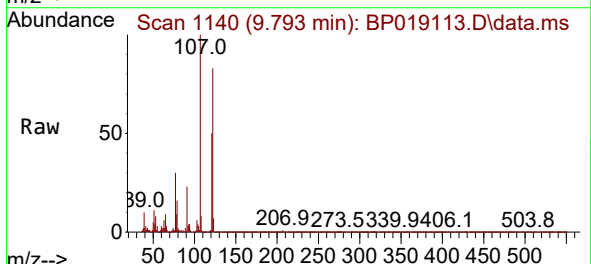
Instrument :
BNA_P
ClientSampleId :
SSTD020639

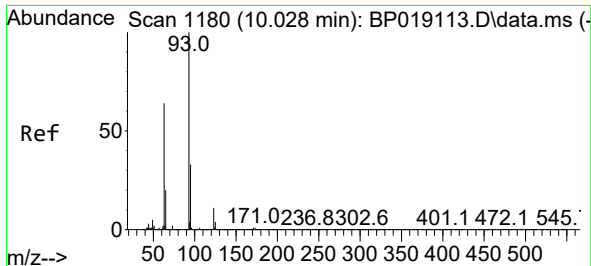
Tgt Ion:139 Resp: 105199
Ion Ratio Lower Upper
139 100
65 48.5 38.8 58.2
109 32.7 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 20.180 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:107 Resp: 193263
Ion Ratio Lower Upper
107 100
121 49.7 39.8 59.6
122 83.0 66.4 99.6





#27

Bis(2-Chloroethoxy)methane

Concen: 19.201 ng/ul

RT: 10.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

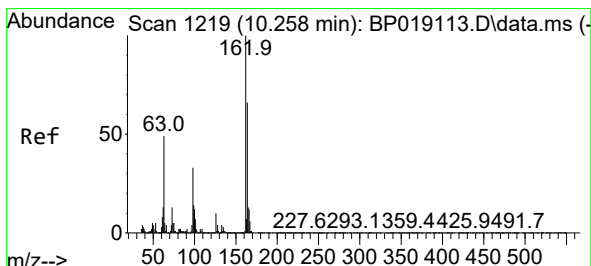
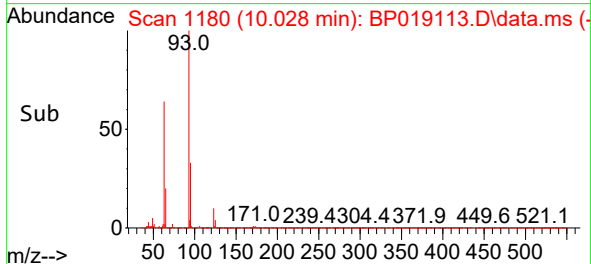
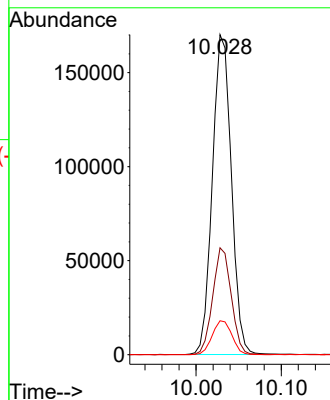
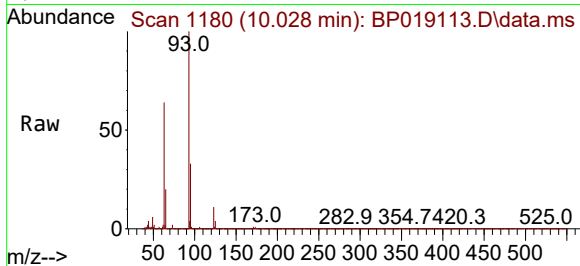
Tgt Ion: 93 Resp: 263578

Ion Ratio Lower Upper

93 100

95 33.4 26.7 40.1

123 10.6 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 19.245 ng/ul

RT: 10.258 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

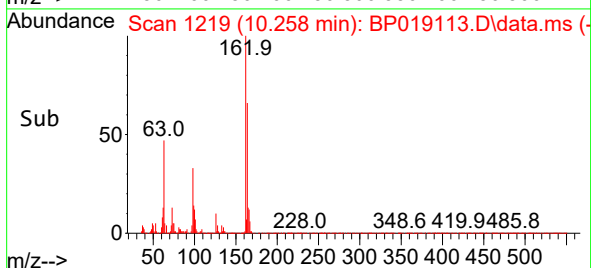
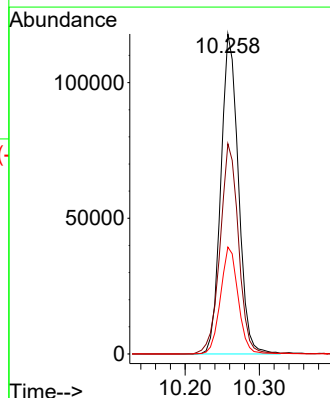
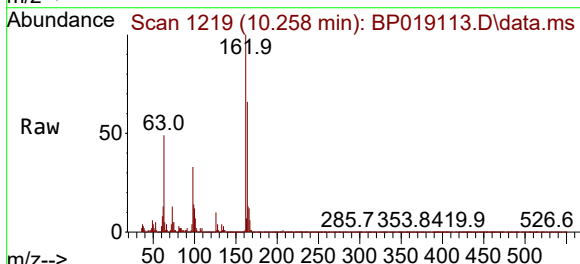
Tgt Ion:162 Resp: 193484

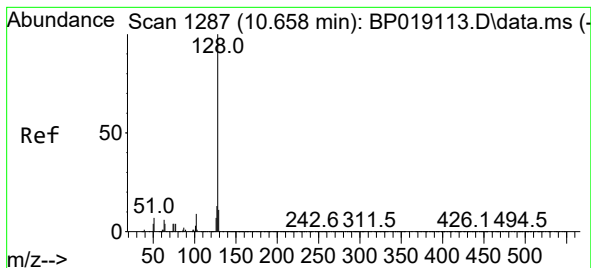
Ion Ratio Lower Upper

162 100

164 65.7 52.6 78.8

98 33.4 26.7 40.1





#30

Naphthalene

Concen: 19.250 ng/ul

RT: 10.658 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNP_P

ClientSampleId :

SSTD020639

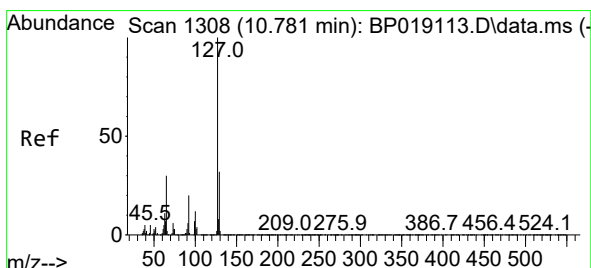
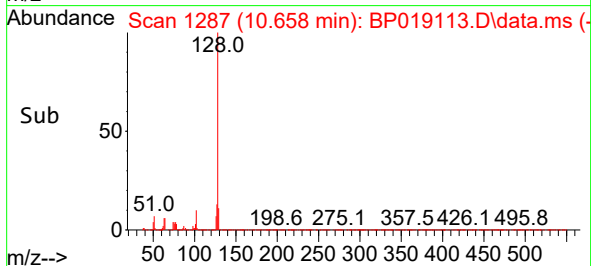
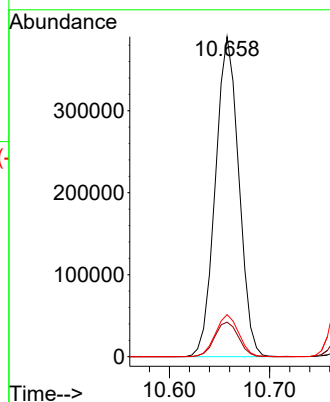
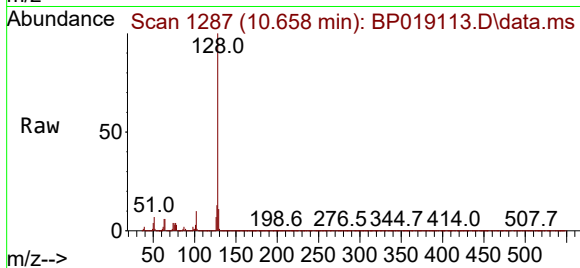
Tgt Ion:128 Resp: 632952

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.2 10.6 15.8



#32

4-Chloroaniline

Concen: 19.637 ng/ul

RT: 10.781 min Scan# 1308

Delta R.T. 0.000 min

Lab File: BP019113.D

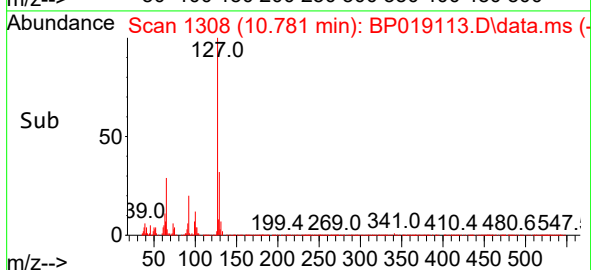
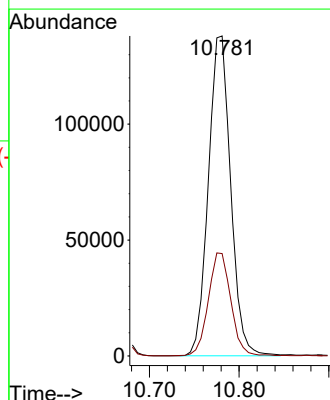
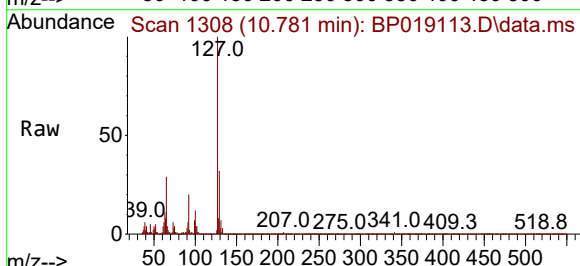
Acq: 27 Dec 2023 13:41

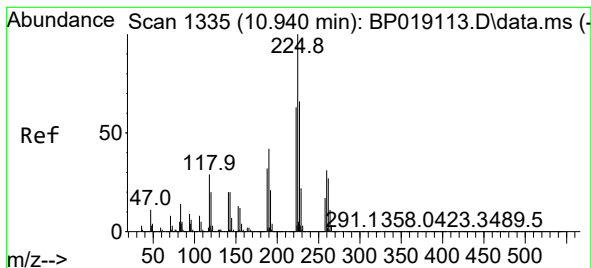
Tgt Ion:127 Resp: 238451

Ion Ratio Lower Upper

127 100

129 32.0 25.6 38.4





#33

Hexachlorobutadiene

Concen: 19.328 ng/ul

RT: 10.940 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

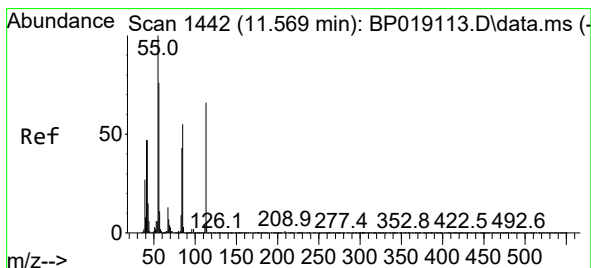
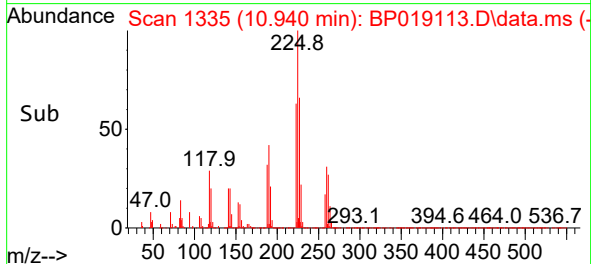
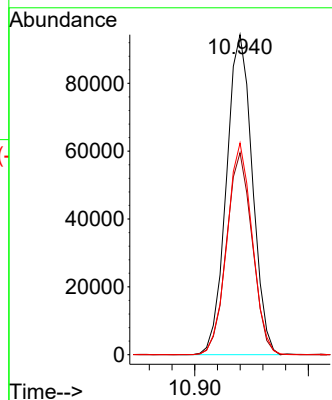
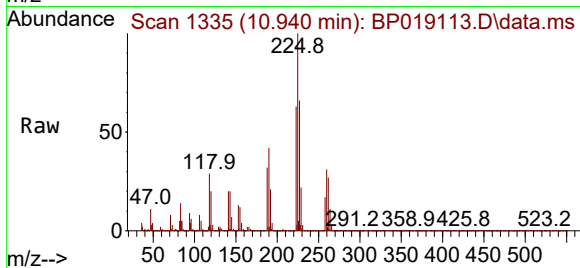
Tgt Ion:225 Resp: 149553

Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 66.2 53.0 79.4



#34

Caprolactam

Concen: 17.686 ng/ul

RT: 11.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

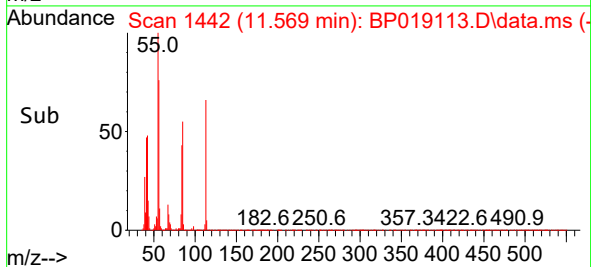
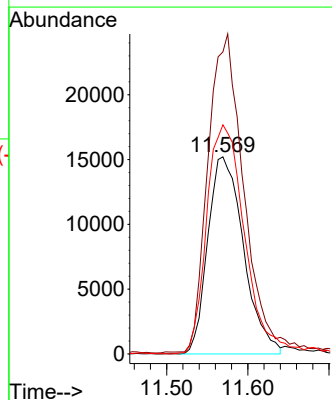
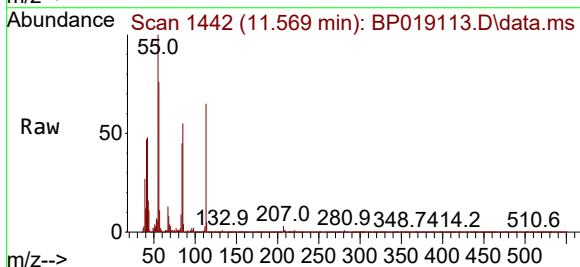
Tgt Ion:113 Resp: 46538

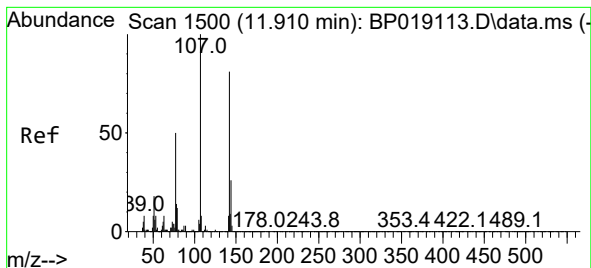
Ion Ratio Lower Upper

113 100

55 153.3 122.6 184.0

56 116.2 93.0 139.4

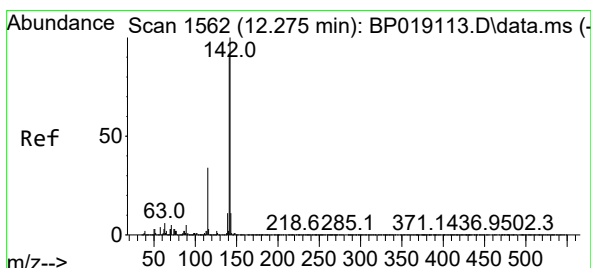
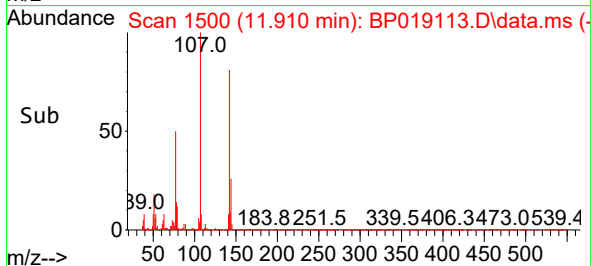
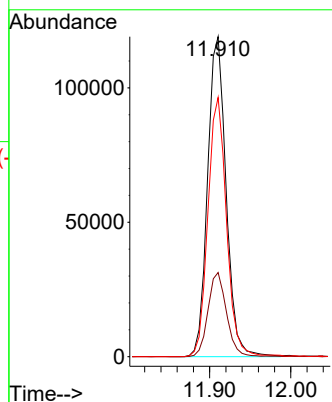
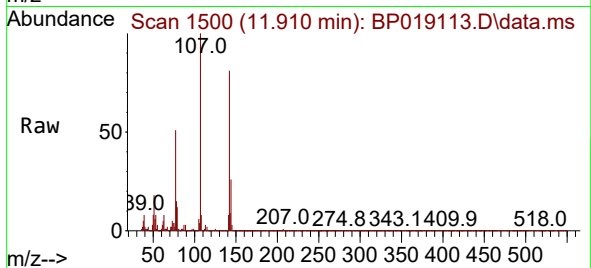




#35
4-Chloro-3-methylphenol
Concen: 19.080 ng/ul
RT: 11.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

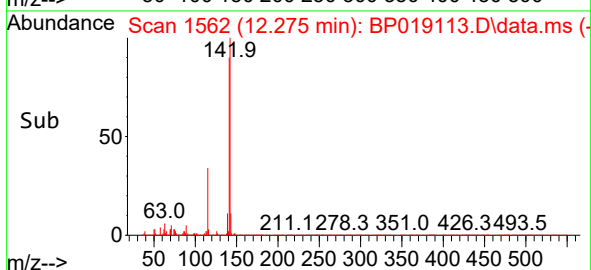
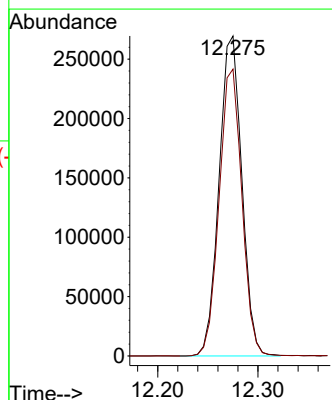
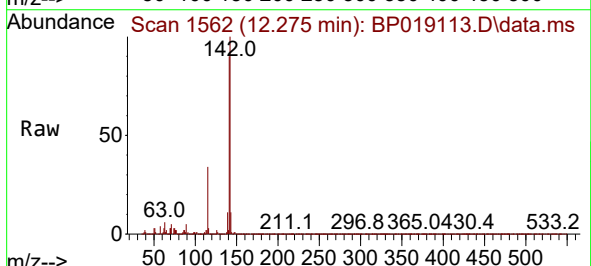
Instrument :
BNA_P
ClientSampleId :
SSTD020639

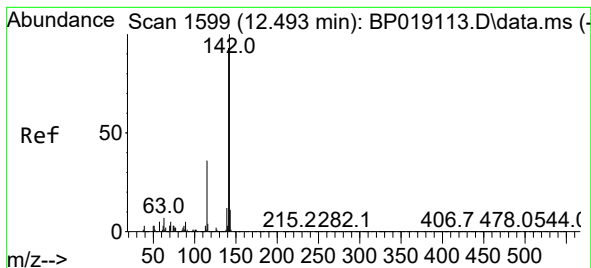
Tgt Ion:107 Resp: 188308
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 81.0 64.8 97.2



#36
2-Methylnaphthalene
Concen: 19.155 ng/ul
RT: 12.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:142 Resp: 424643
Ion Ratio Lower Upper
142 100
141 89.6 71.7 107.5





#37

1-Methylnaphthalene

Concen: 19.244 ng/ul

RT: 12.493 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

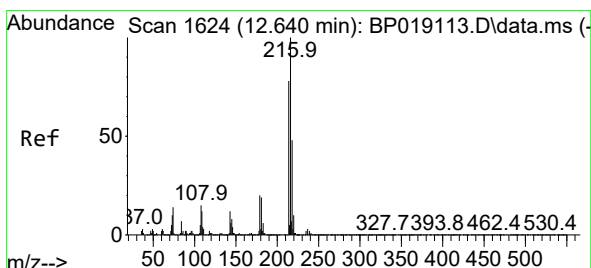
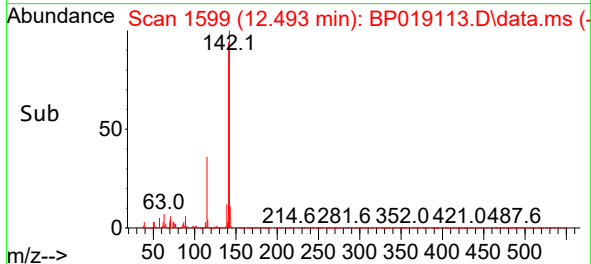
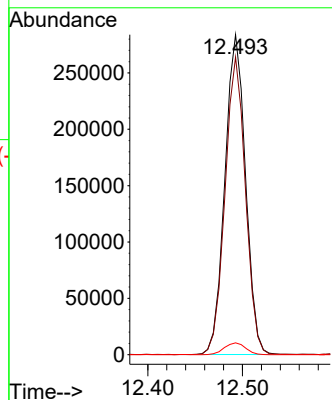
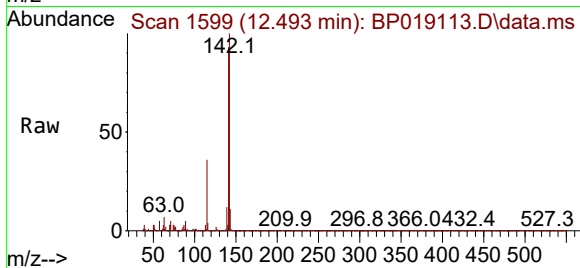
Tgt Ion:142 Resp: 430217

Ion Ratio Lower Upper

142 100

141 93.0 74.4 111.6

116 3.7 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.399 ng/ul

RT: 12.640 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Tgt Ion:216 Resp: 268572

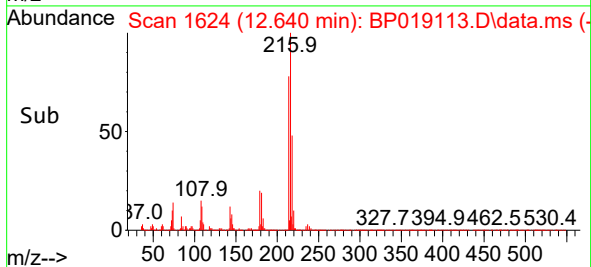
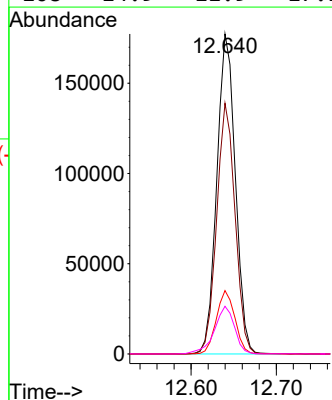
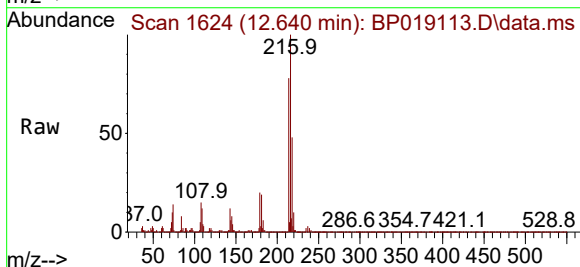
Ion Ratio Lower Upper

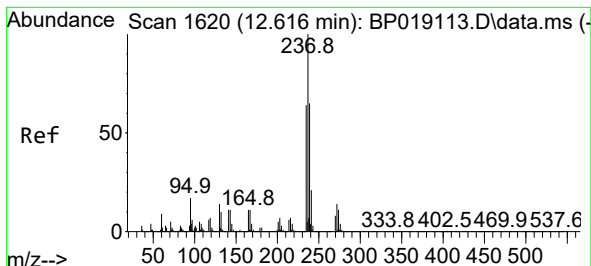
216 100

214 78.3 62.6 94.0

179 19.8 15.8 23.8

108 14.9 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 19.079 ng/ul

RT: 12.616 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

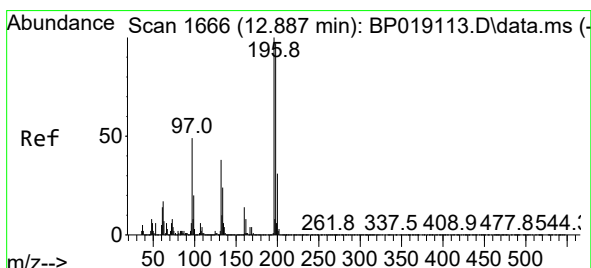
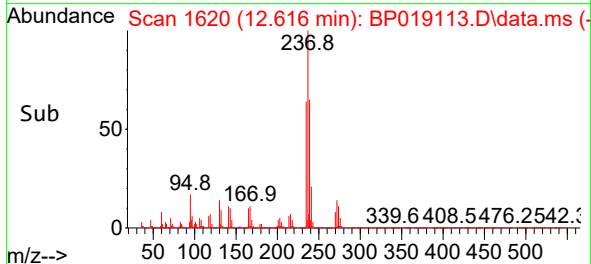
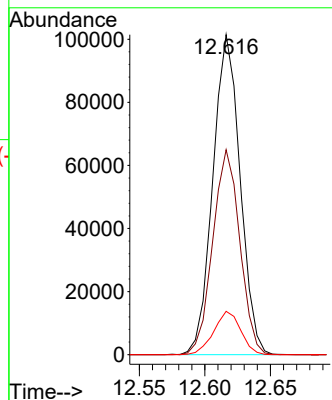
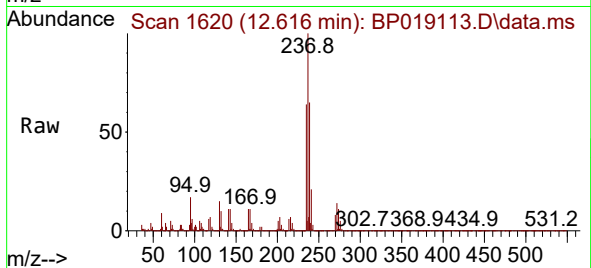
Tgt Ion:237 Resp: 146614

Ion Ratio Lower Upper

237 100

235 64.0 51.2 76.8

272 13.6 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 19.064 ng/ul

RT: 12.887 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

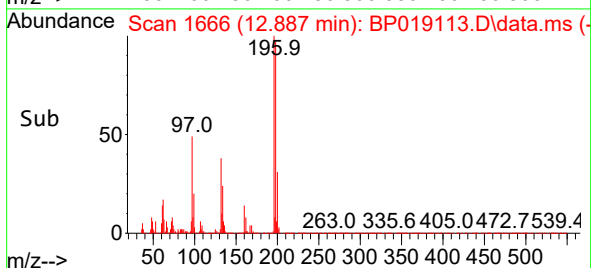
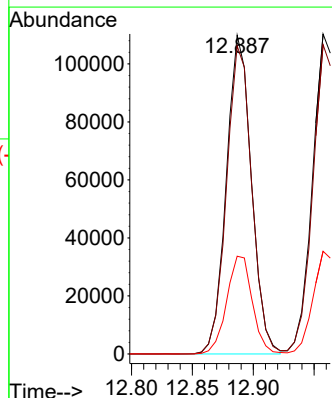
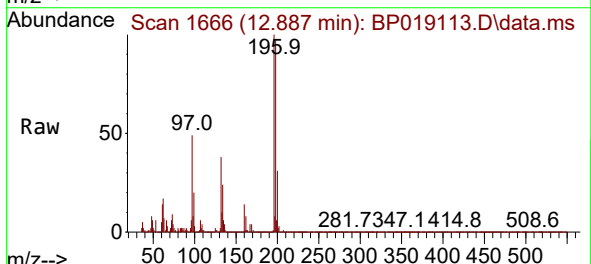
Tgt Ion:196 Resp: 157506

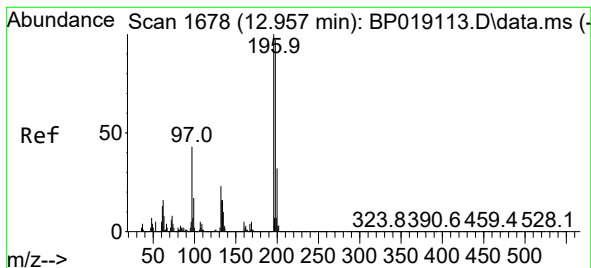
Ion Ratio Lower Upper

196 100

198 96.7 77.4 116.0

200 30.7 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 19.287 ng/ul

RT: 12.957 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

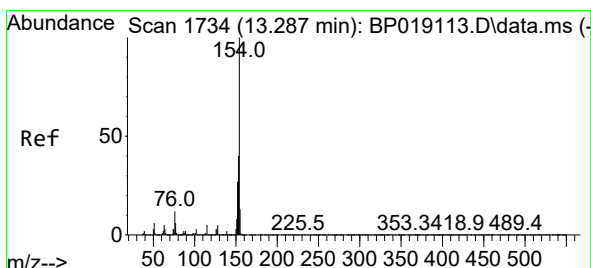
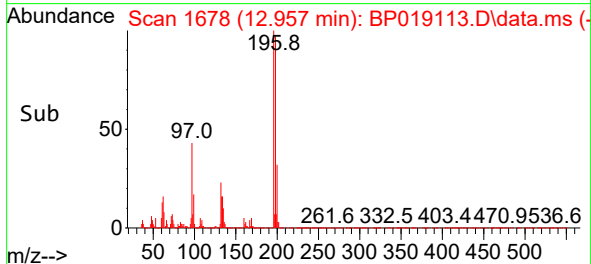
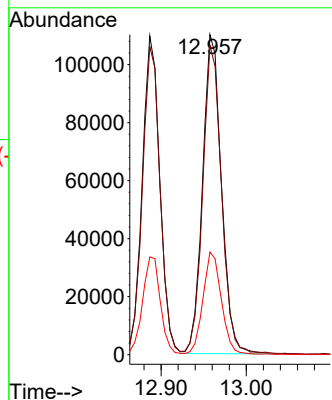
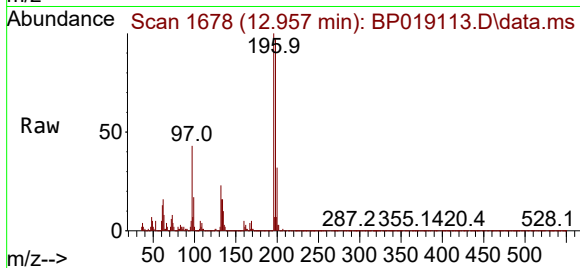
Tgt Ion:196 Resp: 169156

Ion Ratio Lower Upper

196 100

198 96.6 77.3 115.9

200 32.1 25.7 38.5



#43

1,1'-Biphenyl

Concen: 18.996 ng/ul

RT: 13.287 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

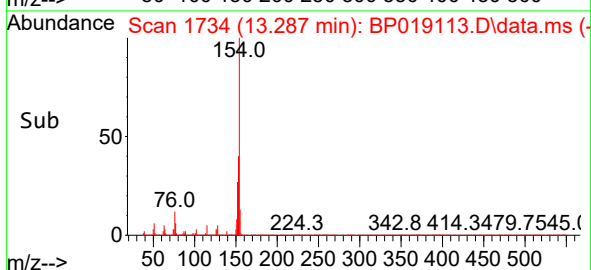
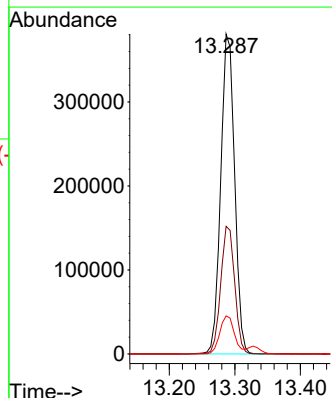
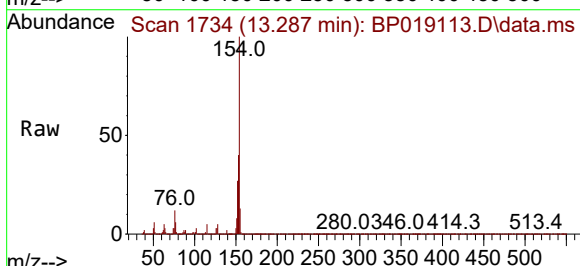
Tgt Ion:154 Resp: 557015

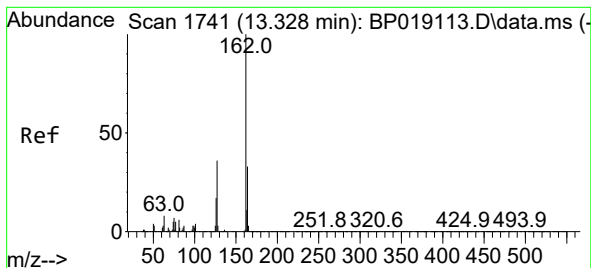
Ion Ratio Lower Upper

154 100

153 39.9 31.9 47.9

76 11.9 9.5 14.3

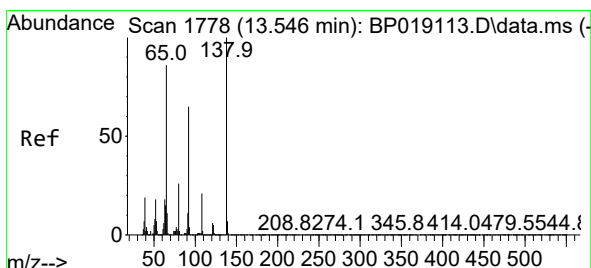
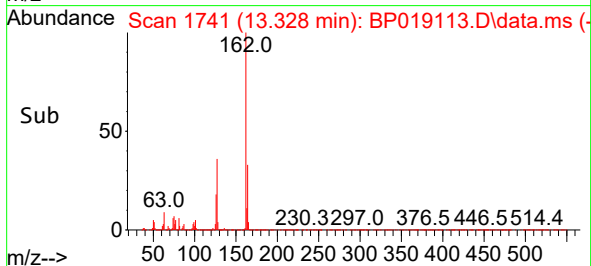
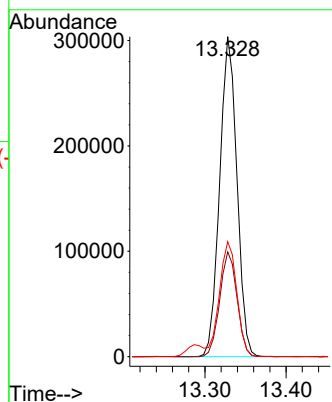
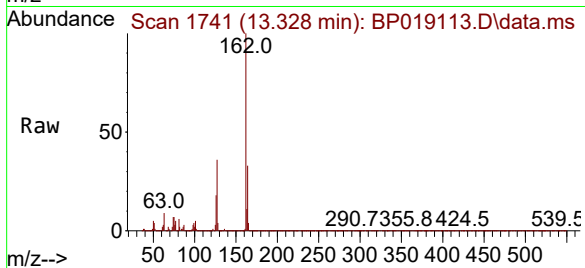




#44
2-Chloronaphthalene
Concen: 19.080 ng/ul
RT: 13.328 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

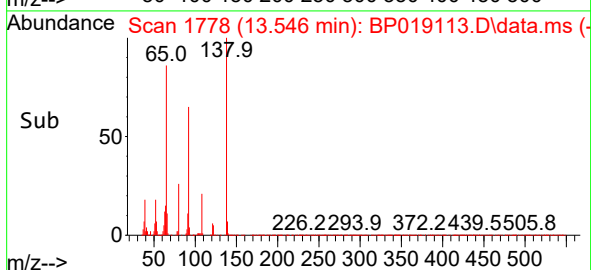
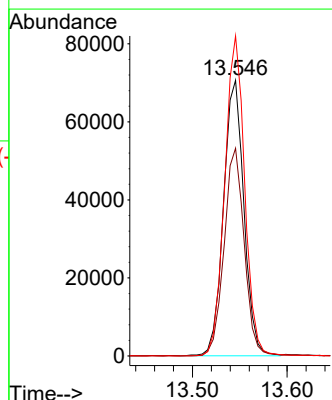
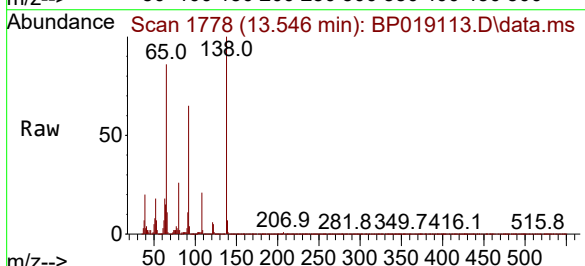
Instrument :
BNA_P
ClientSampleId :
SSTD020639

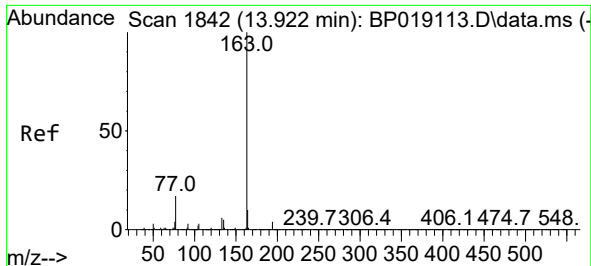
Tgt Ion:162 Resp: 448941
Ion Ratio Lower Upper
162 100
164 32.8 26.2 39.4
127 36.0 28.8 43.2



#45
2-Nitroaniline
Concen: 18.744 ng/ul
RT: 13.546 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion: 65 Resp: 105876
Ion Ratio Lower Upper
65 100
92 75.3 60.2 90.4
138 116.1 92.9 139.3

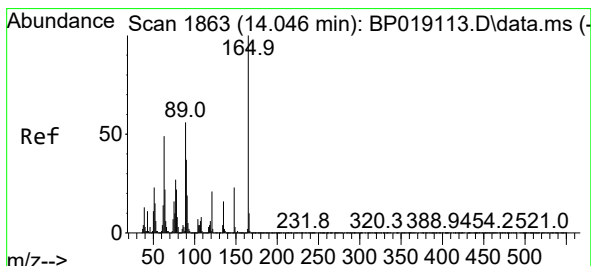
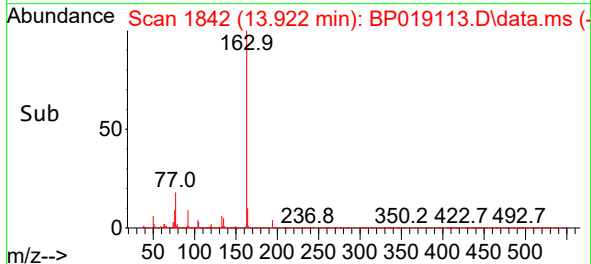
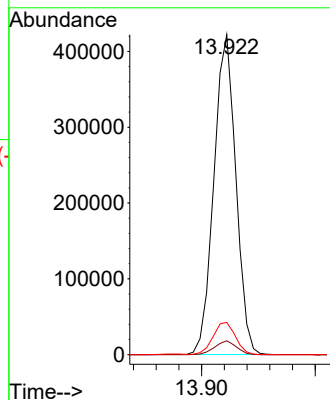
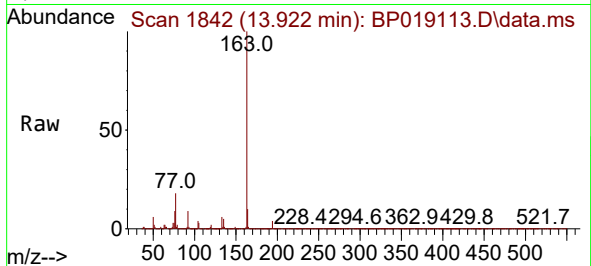




#47
Dimethylphthalate
Concen: 19.339 ng/ul
RT: 13.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

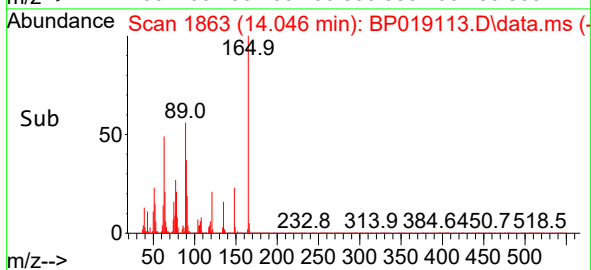
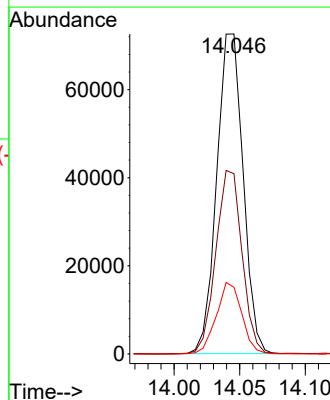
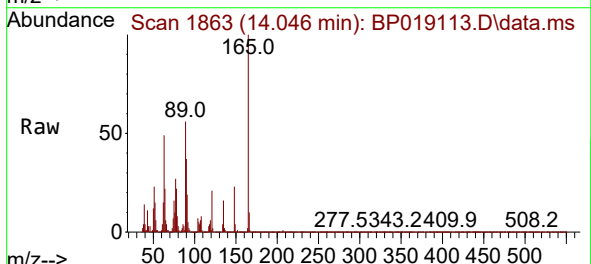
Instrument :
BNA_P
ClientSampleId :
SSTD020639

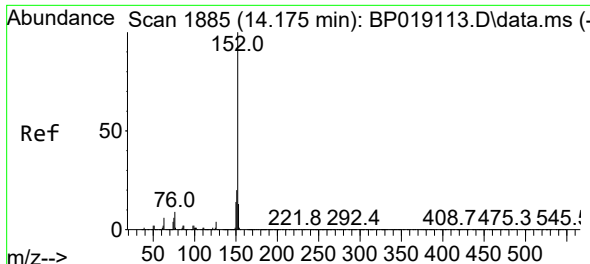
Tgt Ion:163 Resp: 566787
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 18.849 ng/ul
RT: 14.046 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:165 Resp: 101512
Ion Ratio Lower Upper
165 100
89 56.4 45.1 67.7
121 20.9 16.7 25.1

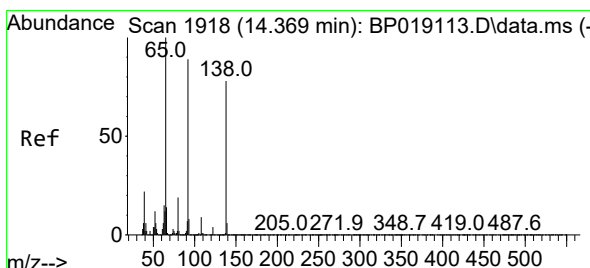
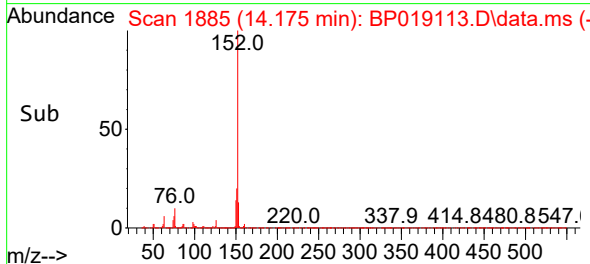
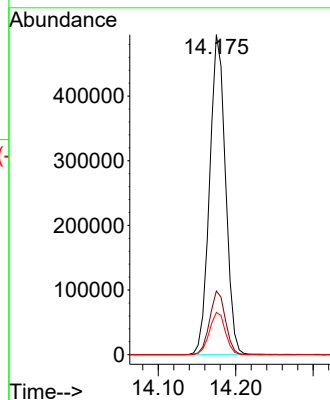
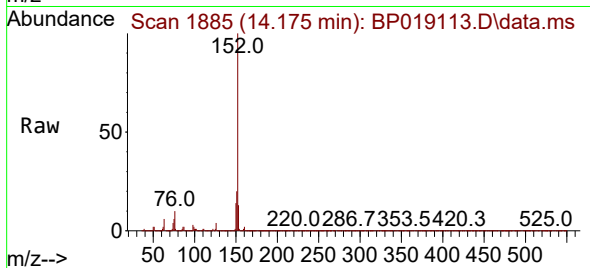




#50
Acenaphthylene
Concen: 19.398 ng/ul
RT: 14.175 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

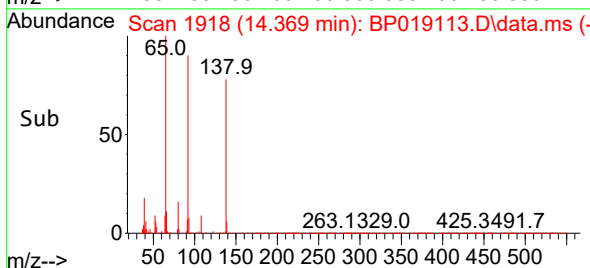
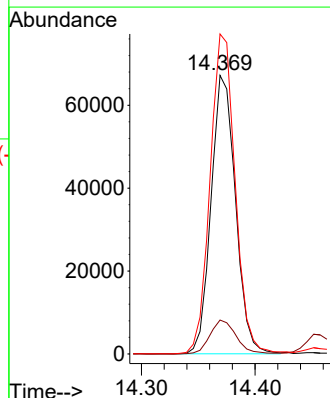
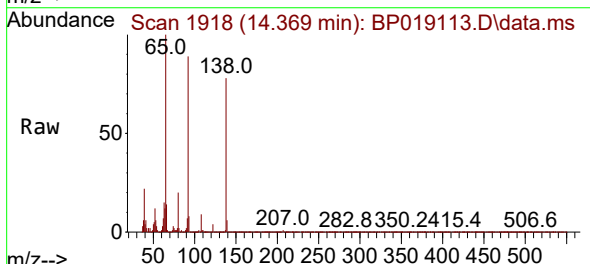
Instrument :
BNA_P
ClientSampleId :
SSTD020639

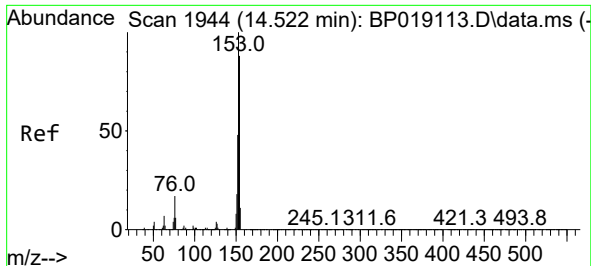
Tgt Ion:152 Resp: 703135
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 19.043 ng/ul
RT: 14.369 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:138 Resp: 100261
Ion Ratio Lower Upper
138 100
108 12.2 9.8 14.6
92 114.9 91.9 137.9

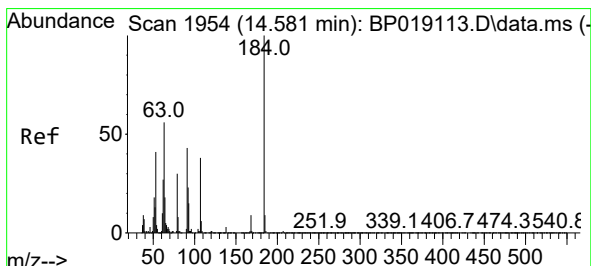
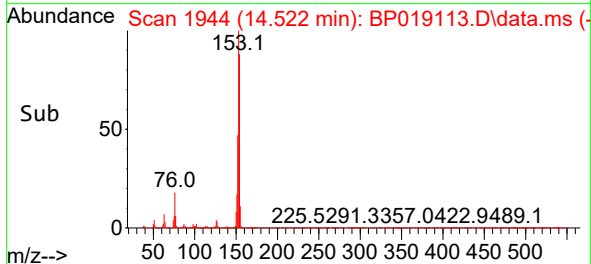
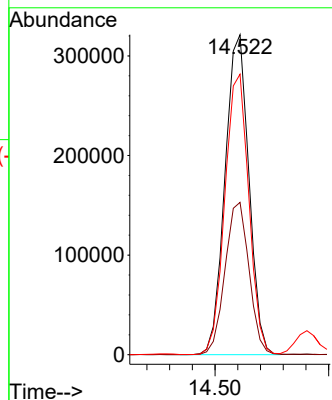
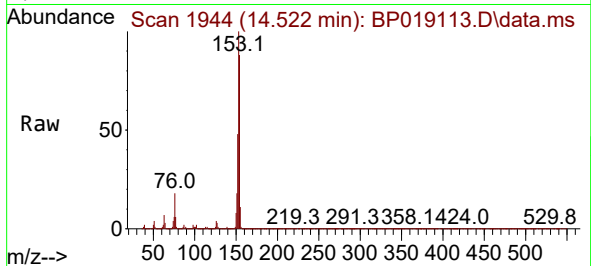




#52
Acenaphthene
Concen: 19.095 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

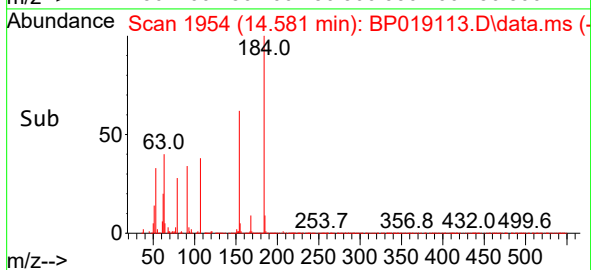
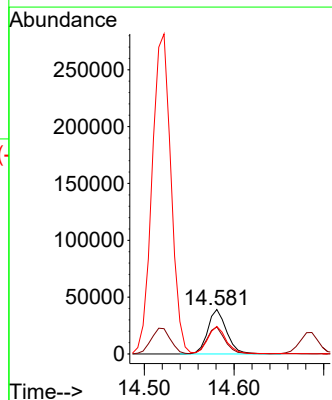
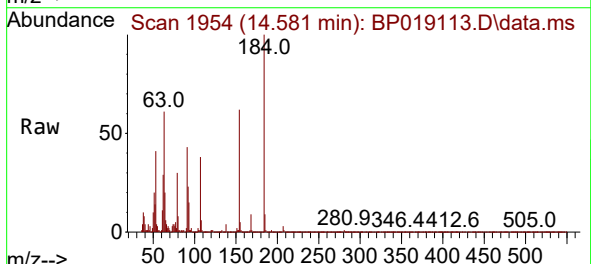
Instrument :
BNA_P
ClientSampleId :
SSTD020639

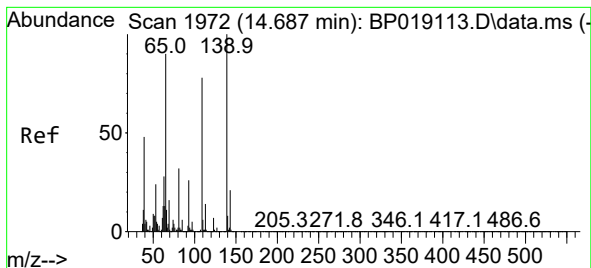
Tgt Ion:153 Resp: 469096
Ion Ratio Lower Upper
153 100
152 47.6 38.1 57.1
154 87.6 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 16.471 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:184 Resp: 57150
Ion Ratio Lower Upper
184 100
63 60.6 48.5 72.7
154 61.6 49.3 73.9

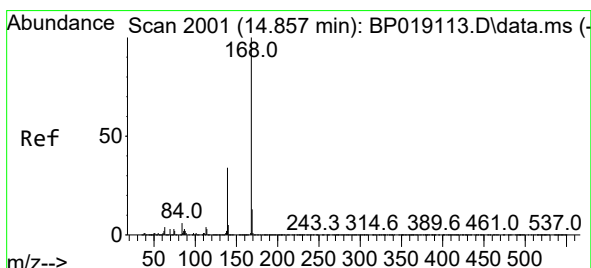
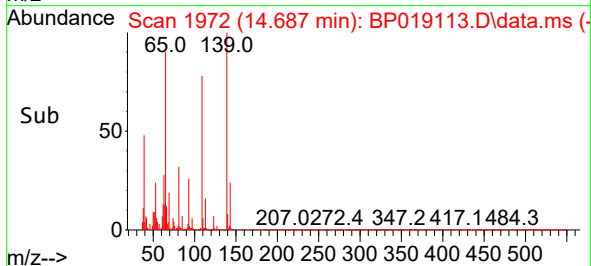
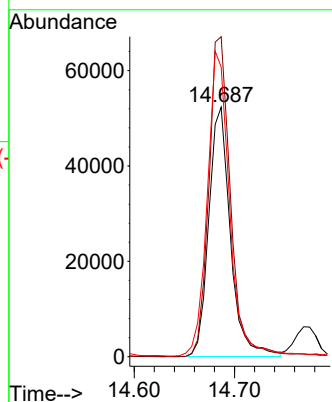
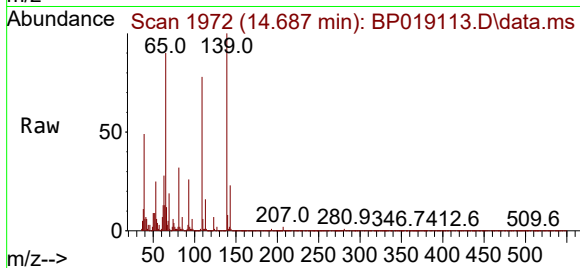




#55
4-Nitrophenol
Concen: 19.564 ng/ul
RT: 14.687 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

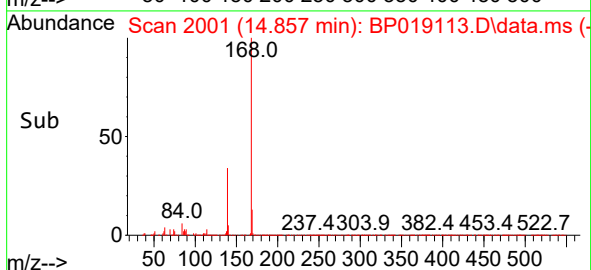
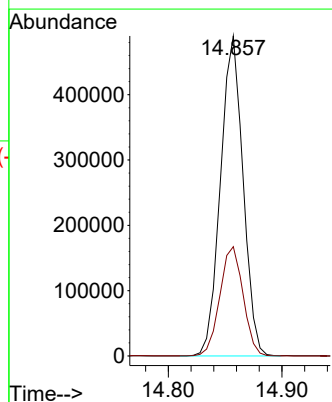
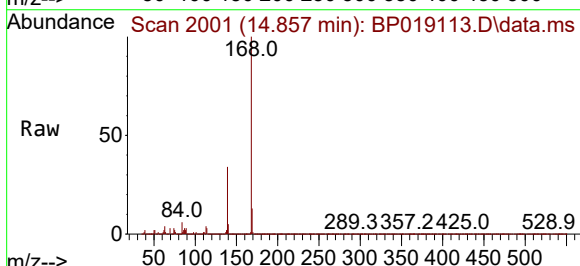
Instrument :
BNA_P
ClientSampleId :
SSTD020639

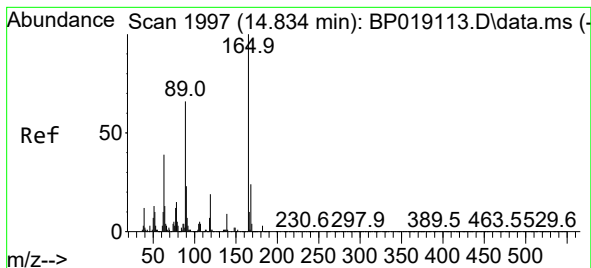
Tgt Ion:109 Resp: 78393
Ion Ratio Lower Upper
109 100
139 128.3 102.6 154.0
65 116.1 92.9 139.3



#56
Dibenzofuran
Concen: 19.262 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:168 Resp: 675765
Ion Ratio Lower Upper
168 100
139 34.2 27.4 41.0

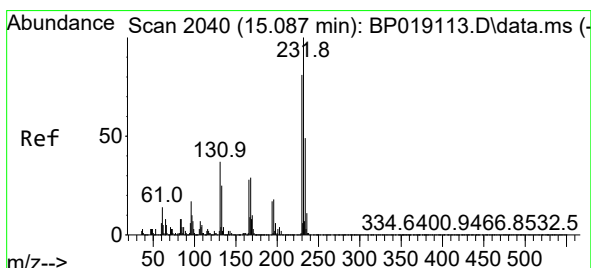
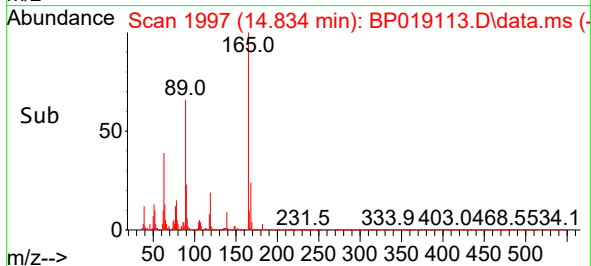
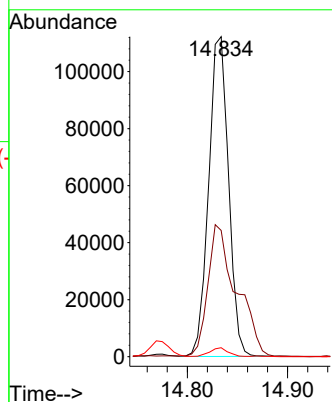
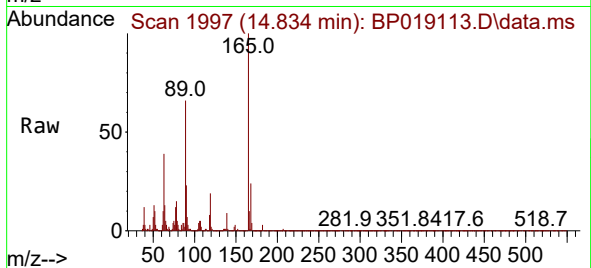




#57
2,4-Dinitrotoluene
Concen: 19.535 ng/ul
RT: 14.834 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

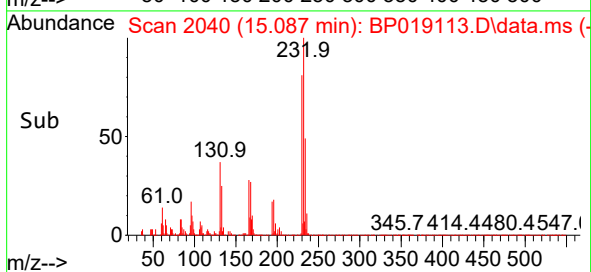
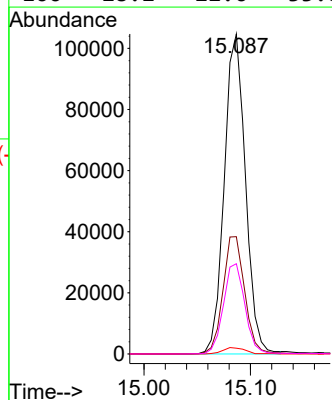
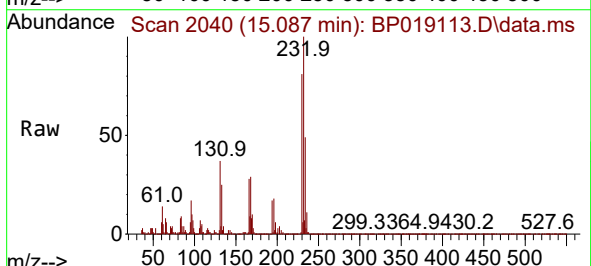
Instrument :
BNA_P
ClientSampleId :
SSTD020639

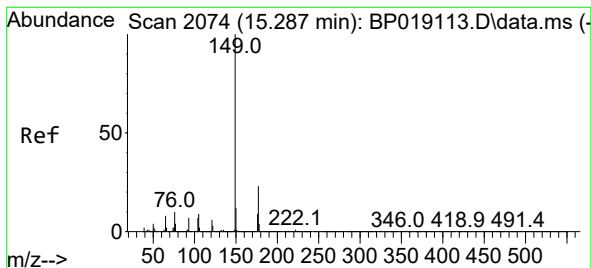
Tgt Ion:165 Resp: 154732
Ion Ratio Lower Upper
165 100
63 39.4 31.5 47.3
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.832 ng/ul
RT: 15.087 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:232 Resp: 144304
Ion Ratio Lower Upper
232 100
131 36.6 29.3 43.9
130 1.8 1.4 2.2
166 28.2 22.6 33.8





#59

Diethylphthalate

Concen: 19.399 ng/ul

RT: 15.287 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

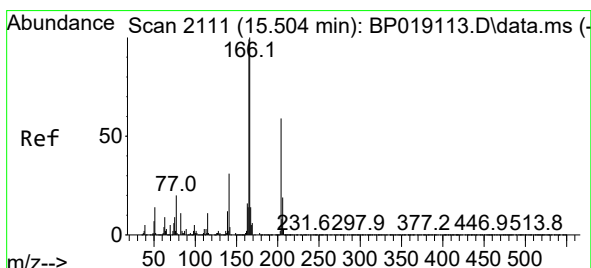
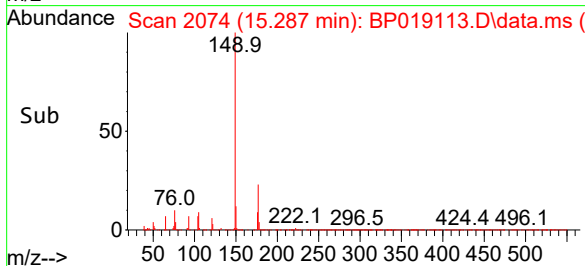
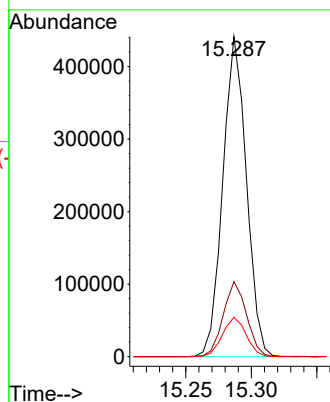
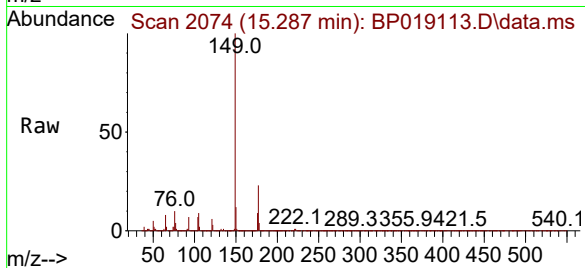
Tgt Ion:149 Resp: 551263

Ion Ratio Lower Upper

149 100

177 23.4 18.7 28.1

150 12.3 9.8 14.8



#61

Fluorene

Concen: 19.434 ng/ul

RT: 15.504 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

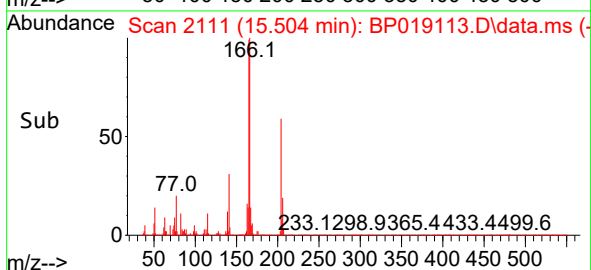
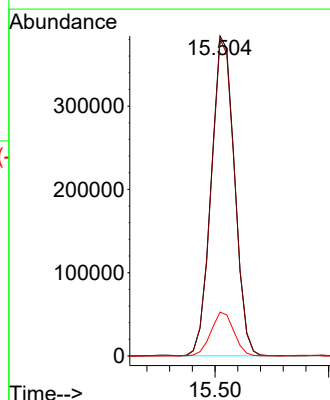
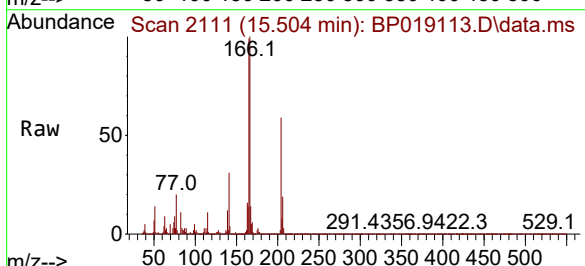
Tgt Ion:166 Resp: 545698

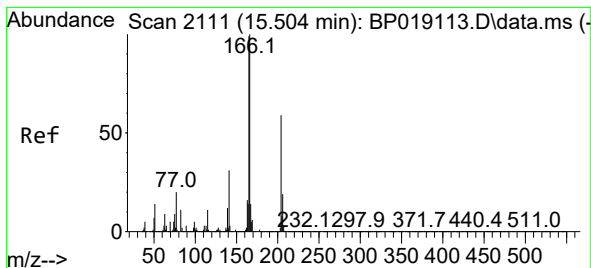
Ion Ratio Lower Upper

166 100

165 99.1 79.3 118.9

167 13.7 11.0 16.4

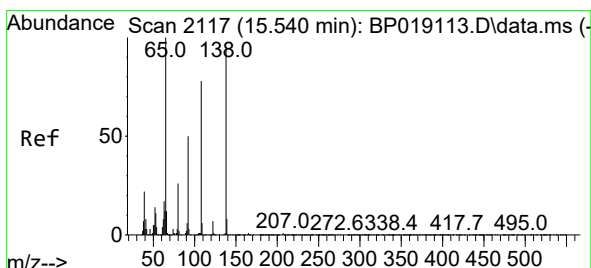
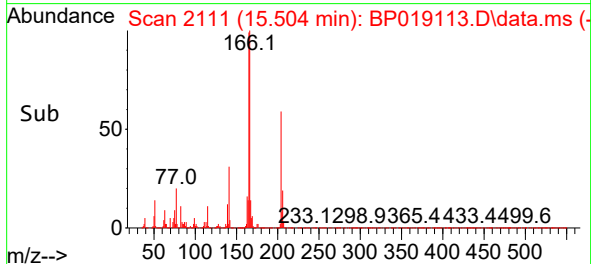
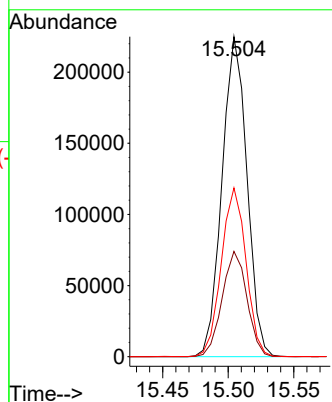
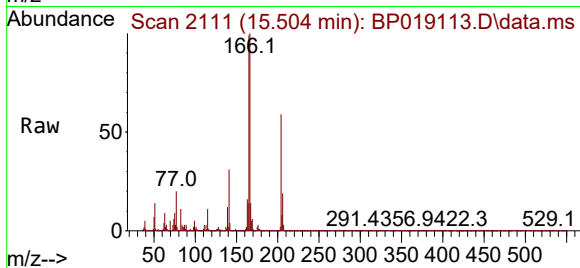




#62
4-Chlorophenyl-phenylether
Concen: 19.392 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

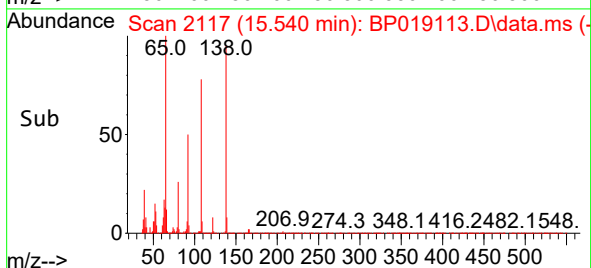
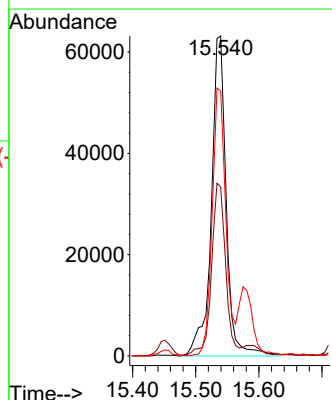
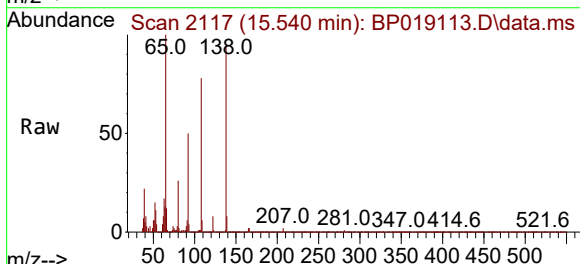
Instrument :
BNA_P
ClientSampleId :
SSTD020639

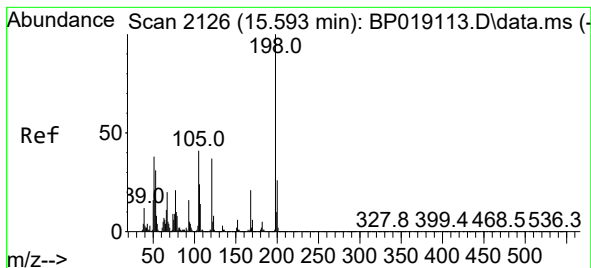
Tgt Ion:204 Resp: 297366
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 52.7 42.2 63.2



#63
4-Nitroaniline
Concen: 20.165 ng/ul
RT: 15.540 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:138 Resp: 104000
Ion Ratio Lower Upper
138 100
92 52.8 42.2 63.4
108 82.8 66.2 99.4

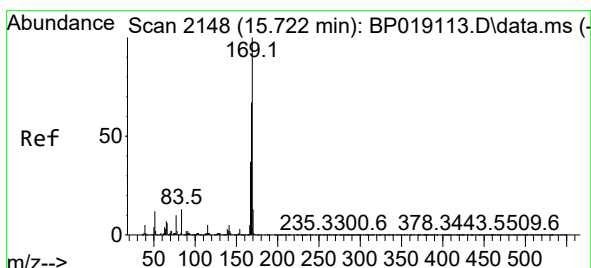
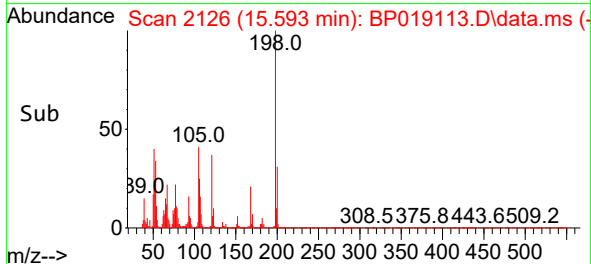
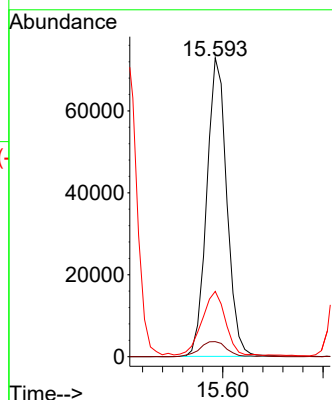
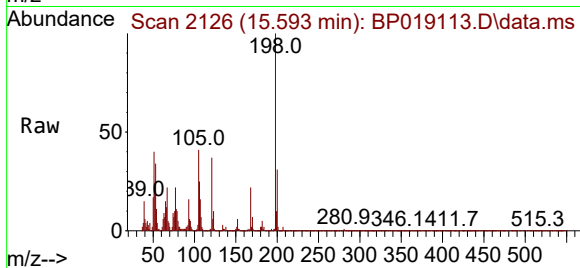




#66
4,6-Dinitro-2-methylphenol
Concen: 18.735 ng/ul
RT: 15.593 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

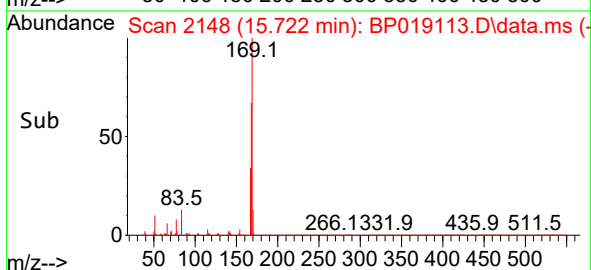
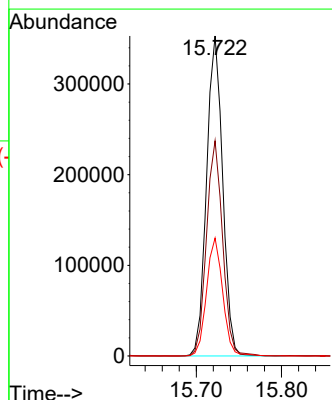
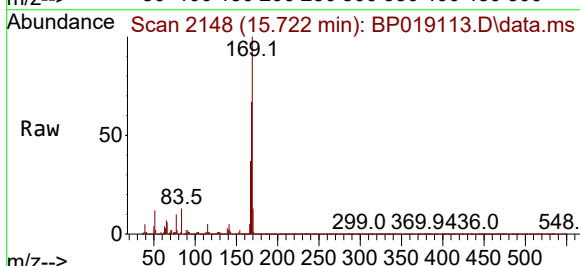
Instrument :
BNA_P
ClientSampleId :
SSTD020639

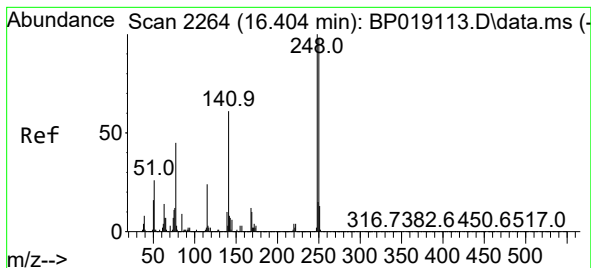
Tgt Ion:198 Resp: 101475
Ion Ratio Lower Upper
198 100
182 5.0 4.0 6.0
77 21.8 17.4 26.2



#67
N-Nitrosodiphenylamine
Concen: 19.413 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:169 Resp: 462334
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.8
167 36.9 29.5 44.3

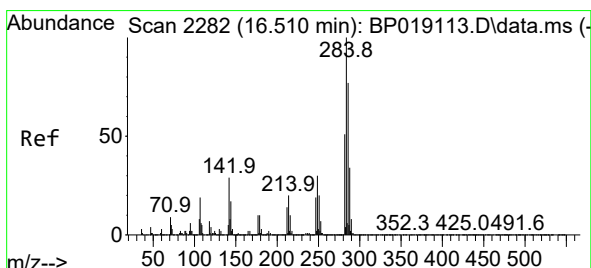
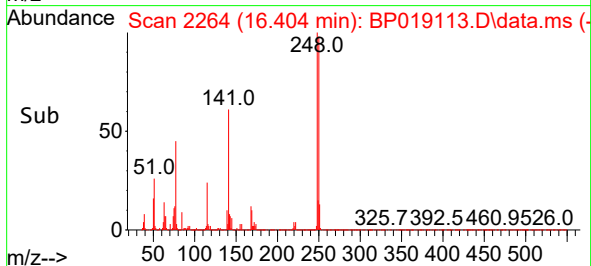
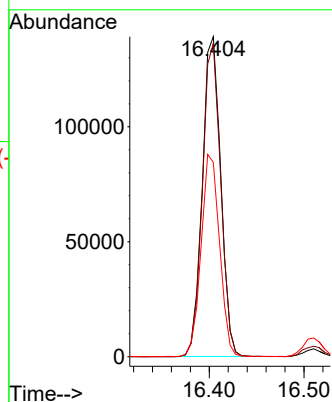
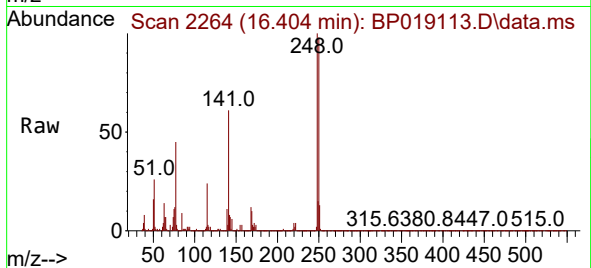




#68
4-Bromophenyl-phenylether
Concen: 19.436 ng/ul
RT: 16.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

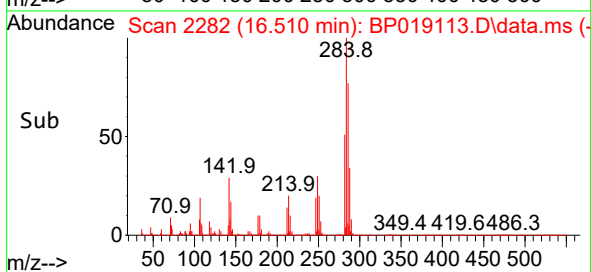
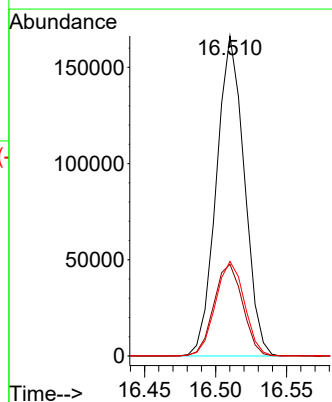
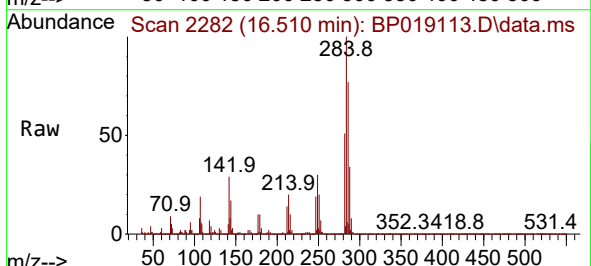
Instrument :
BNA_P
ClientSampleId :
SSTD020639

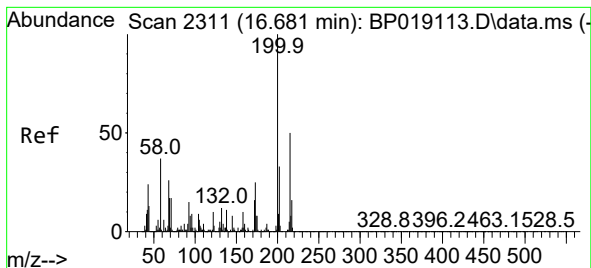
Tgt Ion:248 Resp: 188502
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 60.7 48.6 72.8



#69
Hexachlorobenzene
Concen: 19.193 ng/ul
RT: 16.510 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:284 Resp: 227488
Ion Ratio Lower Upper
284 100
142 28.6 22.9 34.3
249 29.6 23.7 35.5





#70

Atrazine

Concen: 15.701 ng/ul

RT: 16.681 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

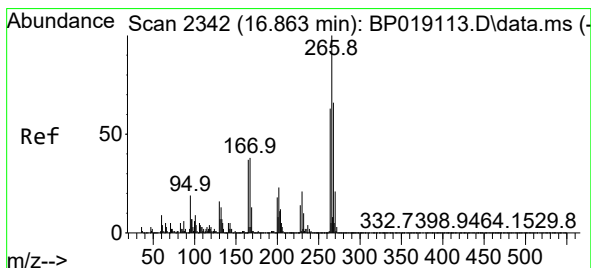
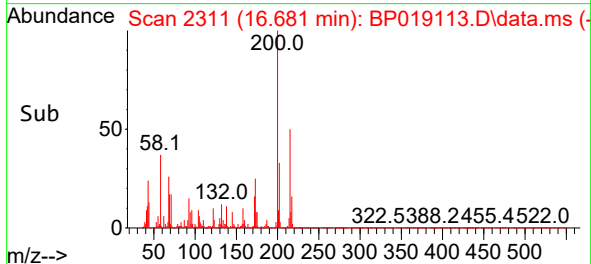
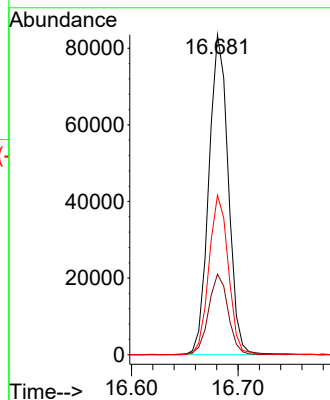
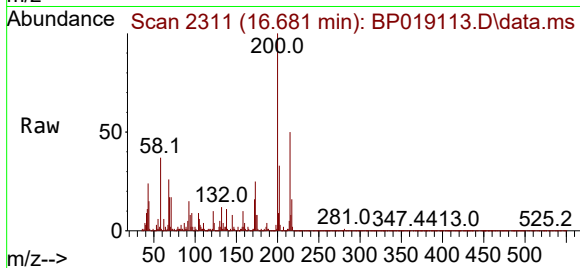
Tgt Ion:200 Resp: 105523

Ion Ratio Lower Upper

200 100

173 25.2 20.2 30.2

215 49.9 39.9 59.9



#71

Pentachlorophenol

Concen: 18.284 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

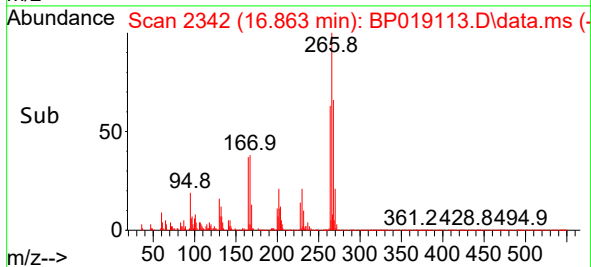
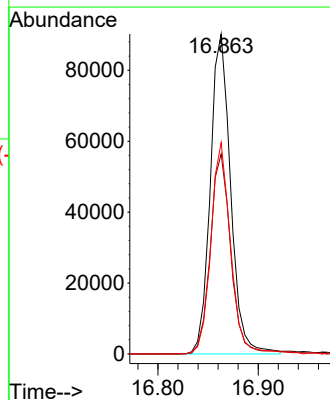
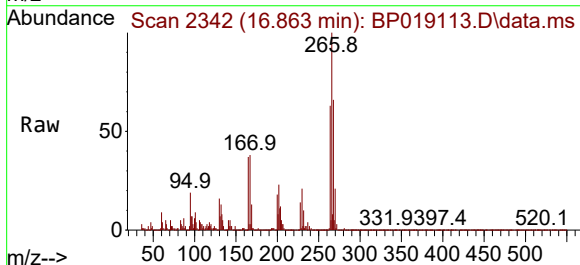
Tgt Ion:266 Resp: 127234

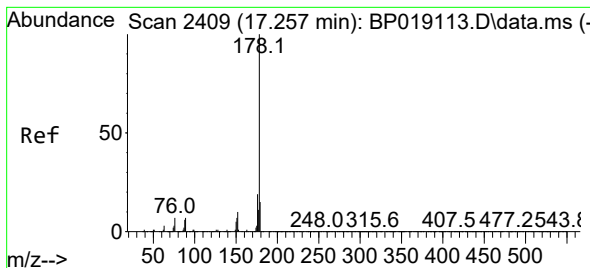
Ion Ratio Lower Upper

266 100

264 62.5 50.0 75.0

268 66.0 52.8 79.2





#72

Phenanthrene

Concen: 19.292 ng/ul

RT: 17.257 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

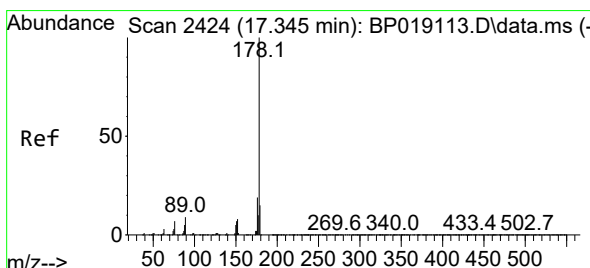
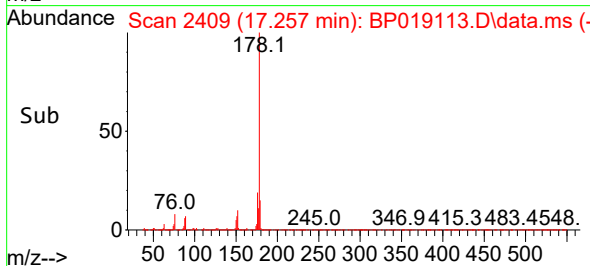
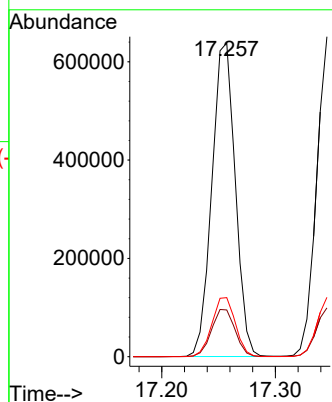
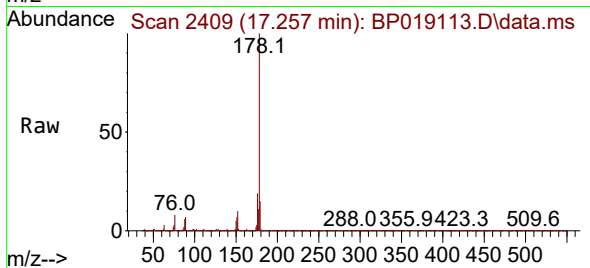
Tgt Ion:178 Resp: 912281

Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

176 18.8 15.0 22.6



#74

Anthracene

Concen: 19.394 ng/ul

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

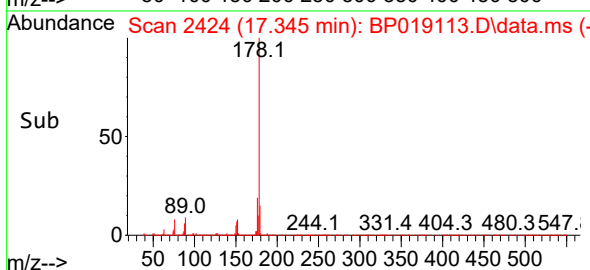
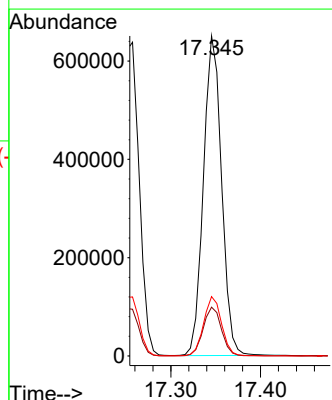
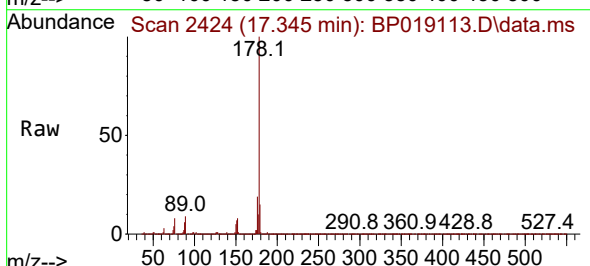
Tgt Ion:178 Resp: 913023

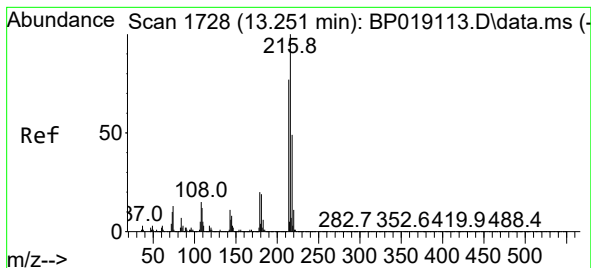
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.6 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.020 ng/uL

RT: 13.251 min Scan# 1728

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

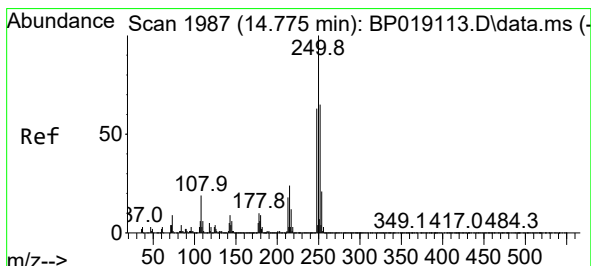
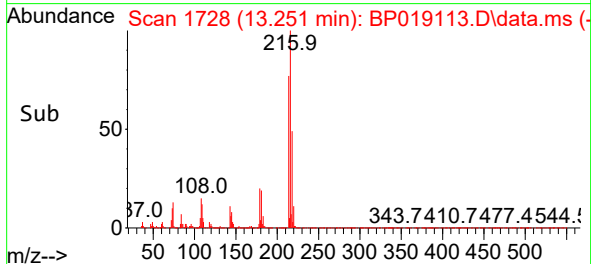
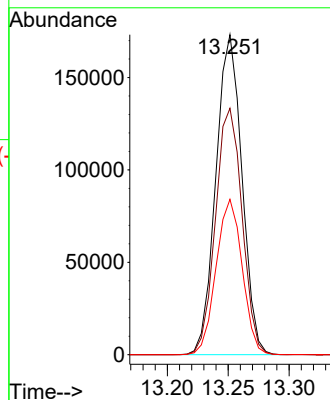
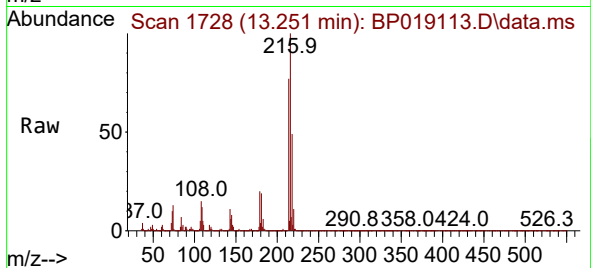
Tgt Ion:216 Resp: 258055

Ion Ratio Lower Upper

216 100

214 77.0 61.6 92.4

218 48.6 38.9 58.3



#76

Pentachlorobenzene

Concen: 19.272 ng/uL

RT: 14.775 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

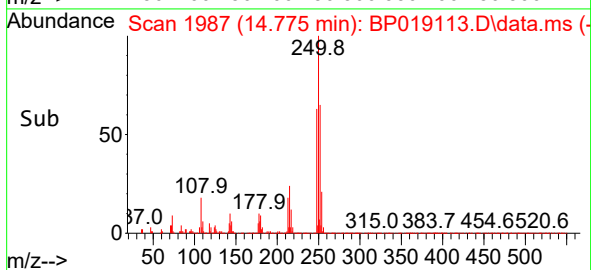
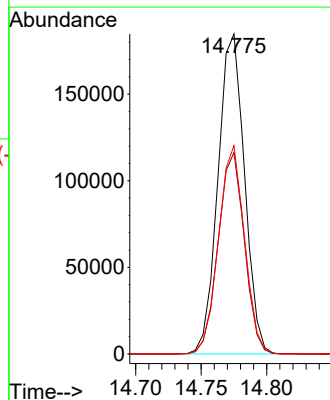
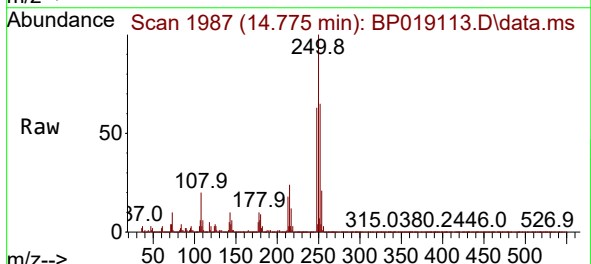
Tgt Ion:250 Resp: 259821

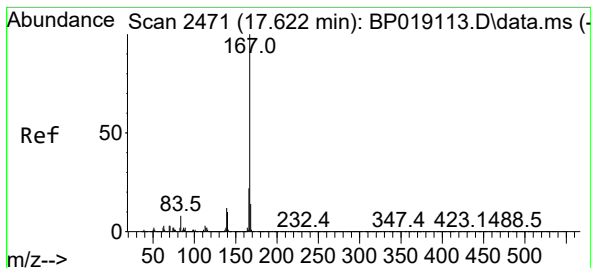
Ion Ratio Lower Upper

250 100

248 63.0 50.4 75.6

252 65.1 52.1 78.1





#77

Carbazole

Concen: 20.788 ng/ul

RT: 17.622 min Scan# 2471

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

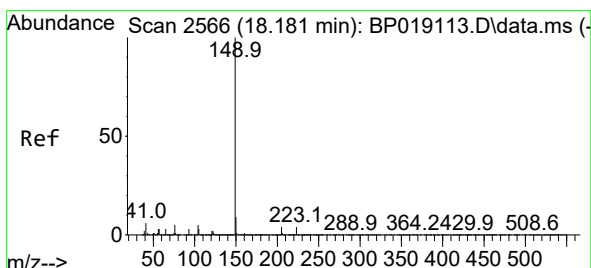
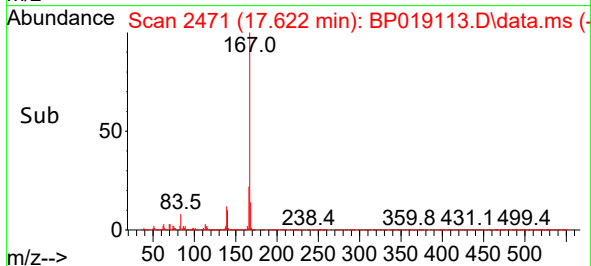
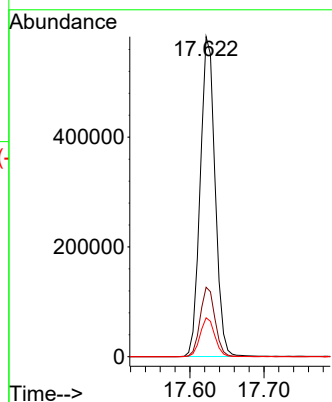
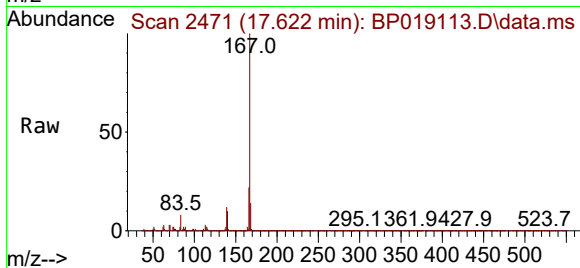
Tgt Ion:167 Resp: 814061

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 12.2 9.8 14.6



#78

Di-n-butylphthalate

Concen: 19.710 ng/ul

RT: 18.181 min Scan# 2566

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

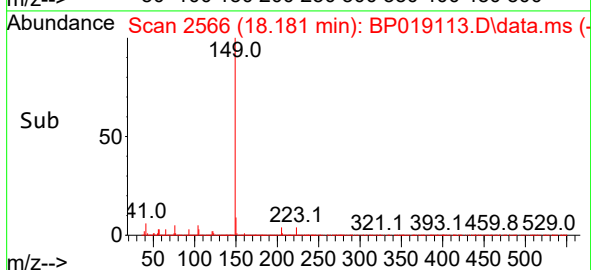
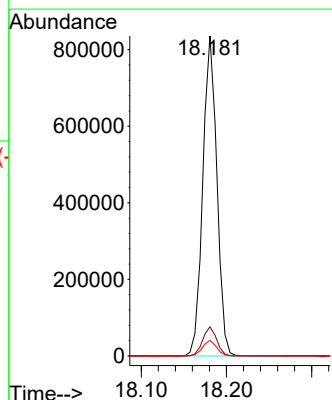
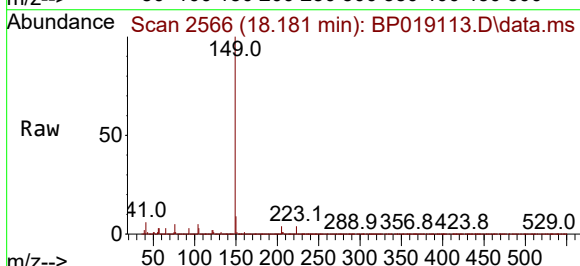
Tgt Ion:149 Resp: 957235

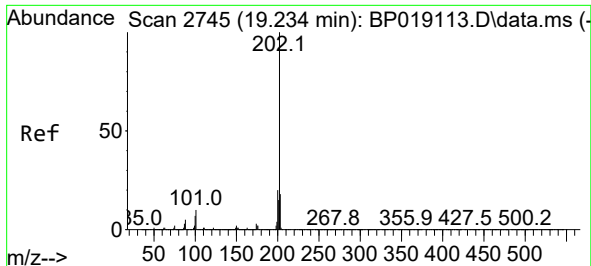
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.9 3.9 5.9

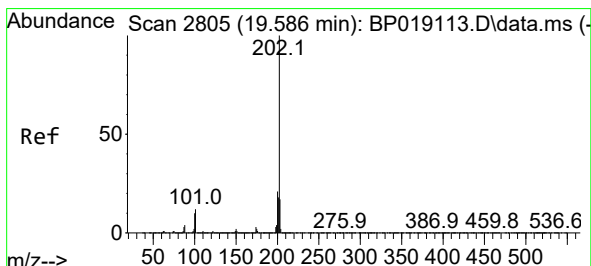
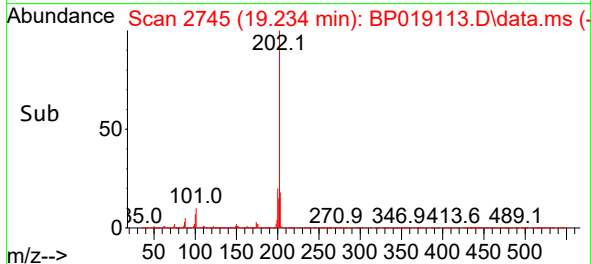
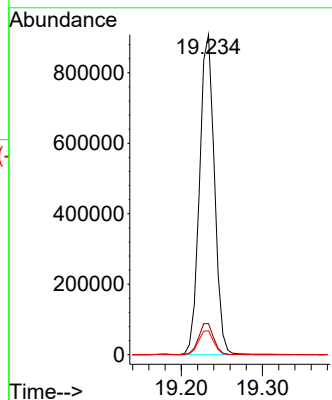
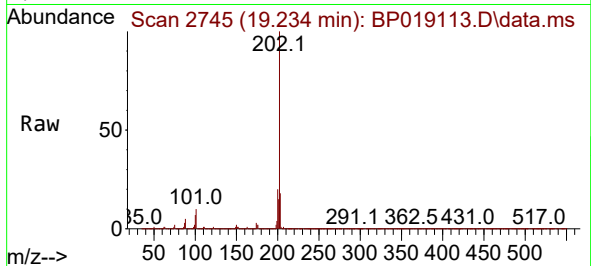




#80
Fluoranthene
Concen: 18.519 ng/ul
RT: 19.234 min Scan# 2745
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

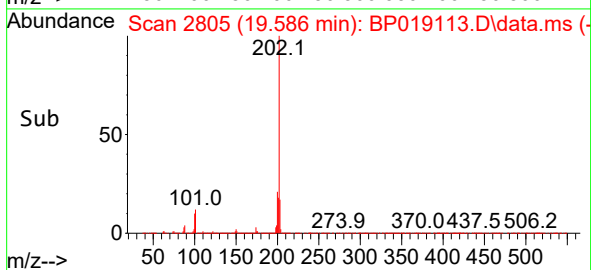
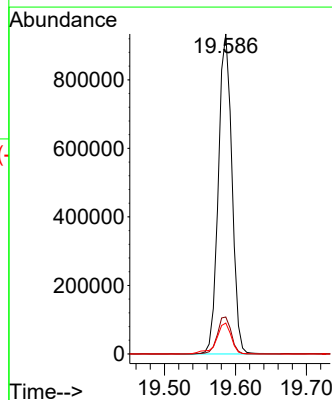
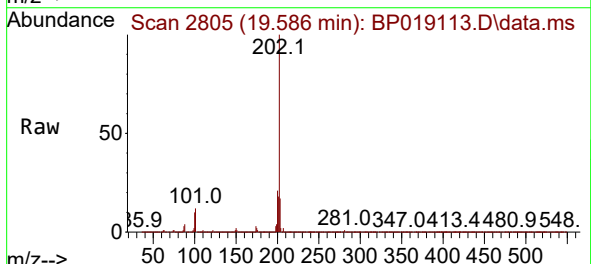
Instrument :
BNA_P
ClientSampleId :
SSTD020639

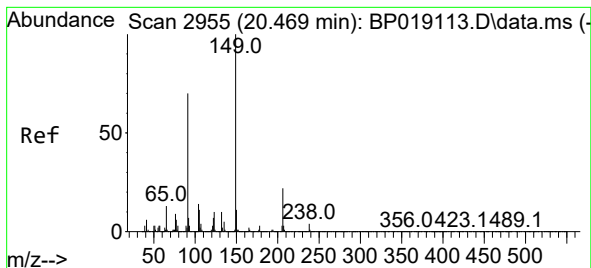
Tgt Ion:202 Resp: 1157254
Ion Ratio Lower Upper
202 100
101 9.7 7.8 11.6
100 7.5 6.0 9.0



#82
Pyrene
Concen: 18.797 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP019113.D
Acq: 27 Dec 2023 13:41

Tgt Ion:202 Resp: 1230690
Ion Ratio Lower Upper
202 100
101 11.5 9.2 13.8
100 9.7 7.8 11.6





#83

Butylbenzylphthalate

Concen: 19.117 ng/ul

RT: 20.469 min Scan# 2955

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

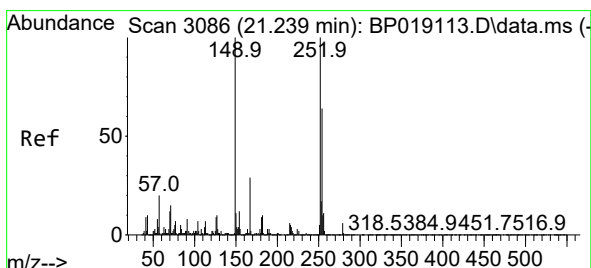
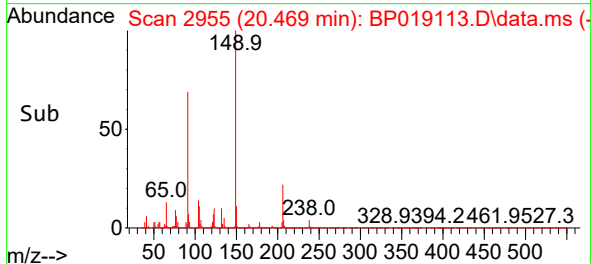
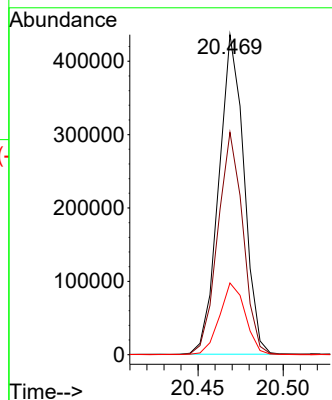
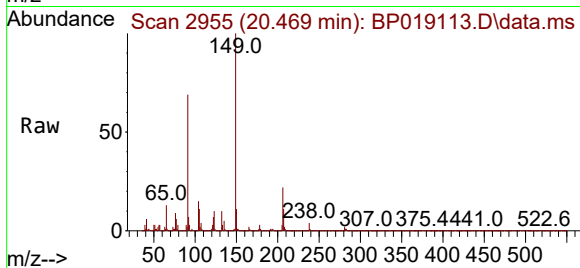
Tgt Ion:149 Resp: 447079

Ion Ratio Lower Upper

149 100

91 69.5 55.6 83.4

206 22.4 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 19.812 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

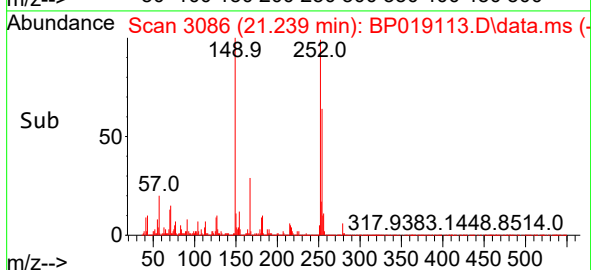
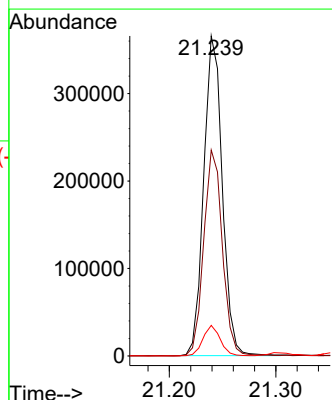
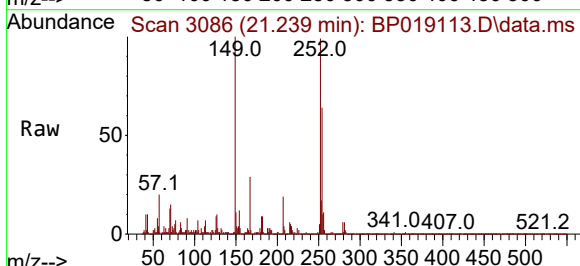
Tgt Ion:252 Resp: 442864

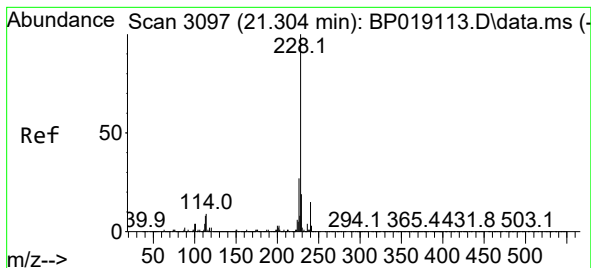
Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

126 9.5 7.6 11.4





#85

Benzo(a)anthracene

Concen: 19.088 ng/ul

RT: 21.304 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

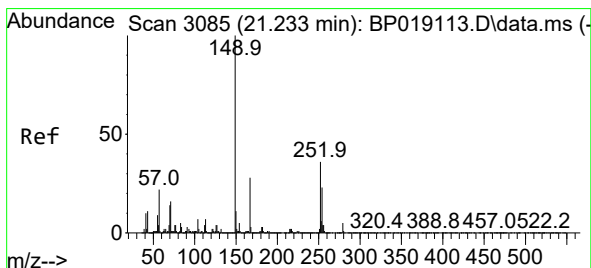
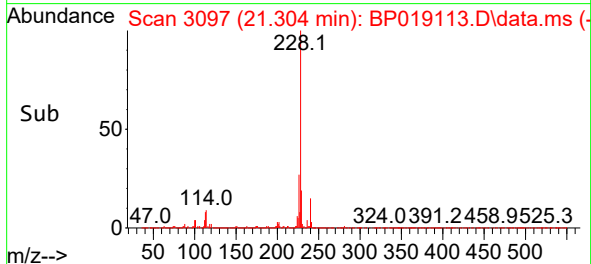
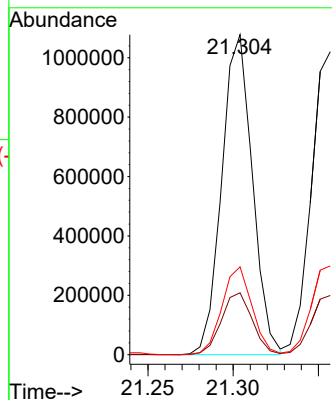
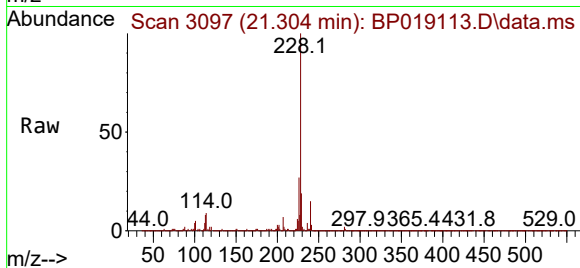
Tgt Ion:228 Resp: 1347576

Ion Ratio Lower Upper

228 100

229 19.4 15.5 23.3

226 27.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.705 ng/ul

RT: 21.233 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

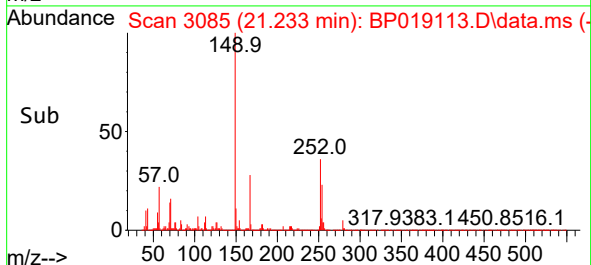
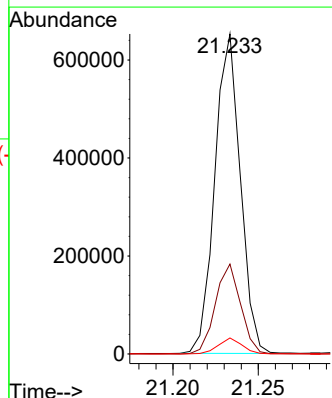
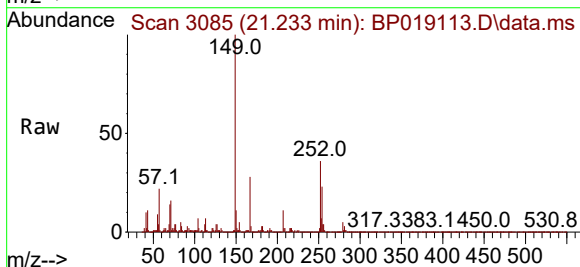
Tgt Ion:149 Resp: 678568

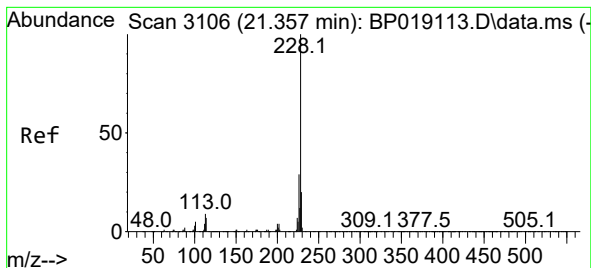
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 5.0 4.0 6.0





#87

Chrysene

Concen: 19.151 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

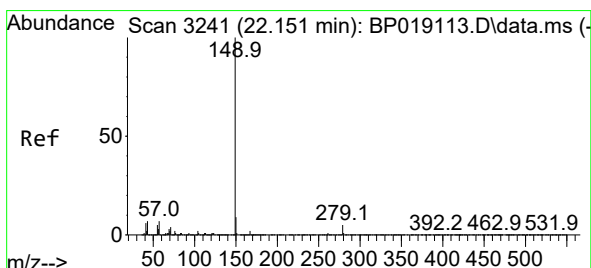
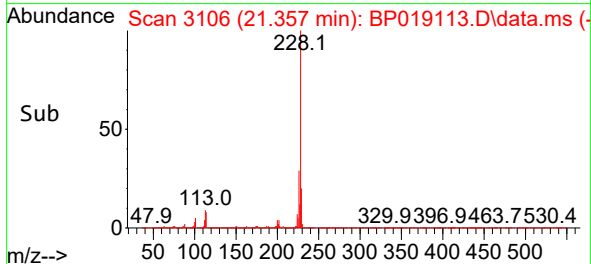
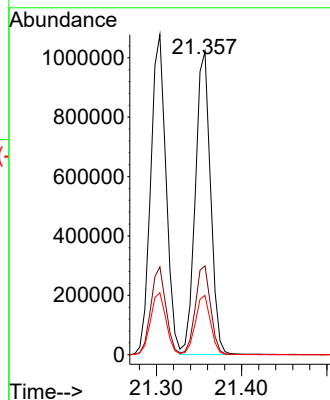
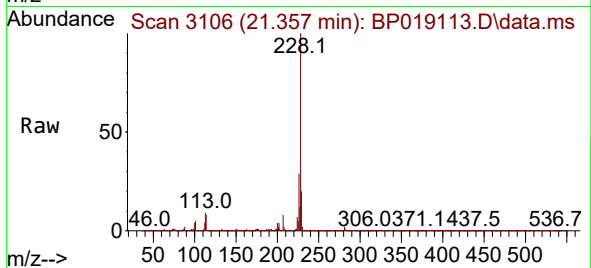
Tgt Ion:228 Resp: 1260775

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 19.624 ng/ul

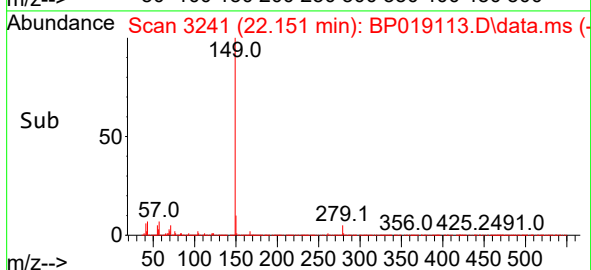
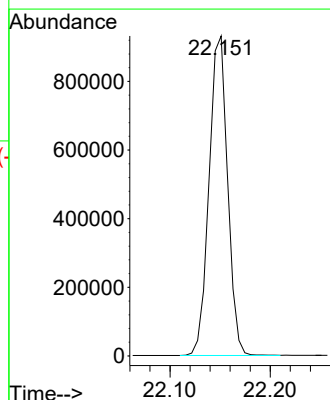
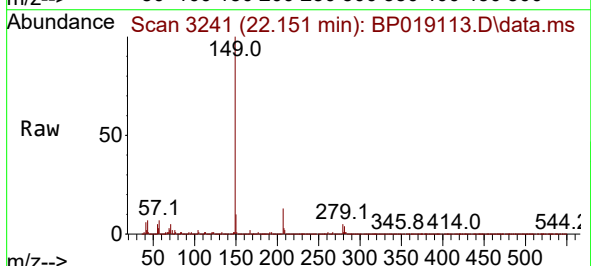
RT: 22.151 min Scan# 3241

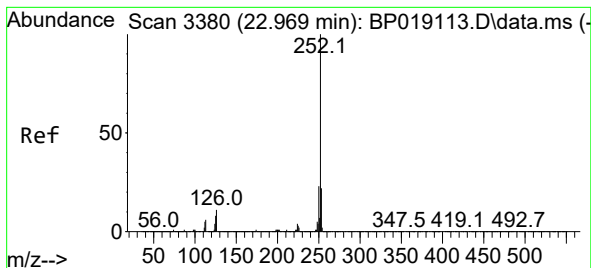
Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Tgt Ion:149 Resp: 1194644





#90

Benzo(b)fluoranthene

Concen: 19.235 ng/ul

RT: 22.969 min Scan# 3380

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

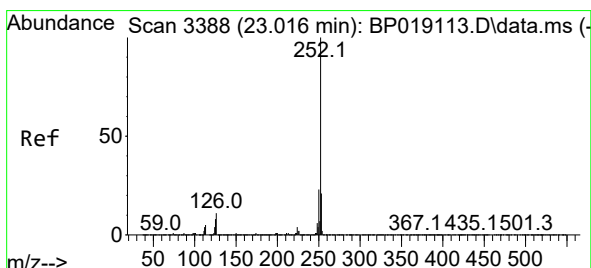
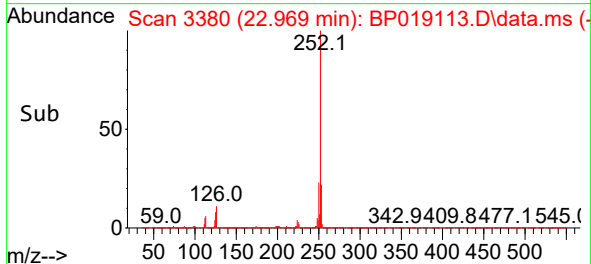
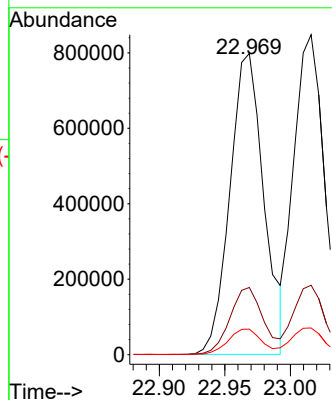
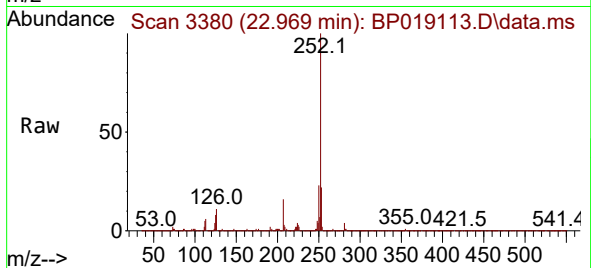
Tgt Ion:252 Resp: 1438311

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 8.5 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 18.626 ng/ul

RT: 23.016 min Scan# 3388

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

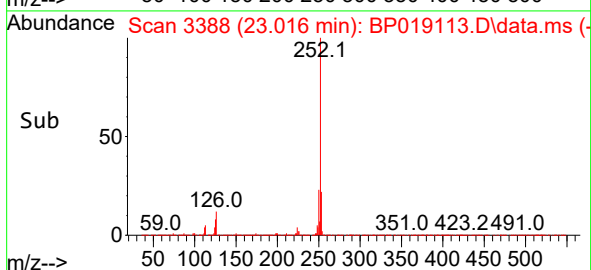
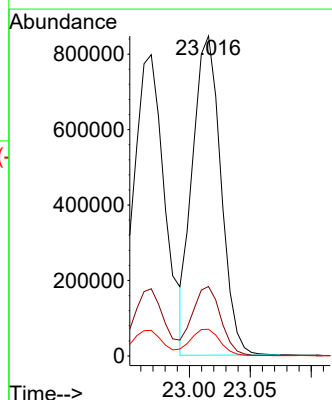
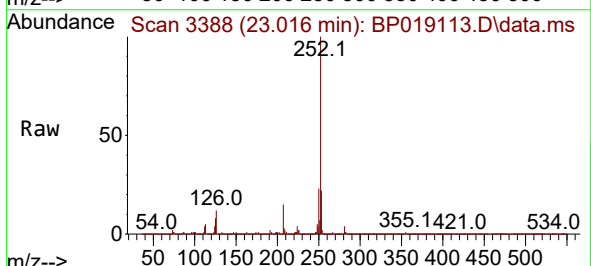
Tgt Ion:252 Resp: 1368632

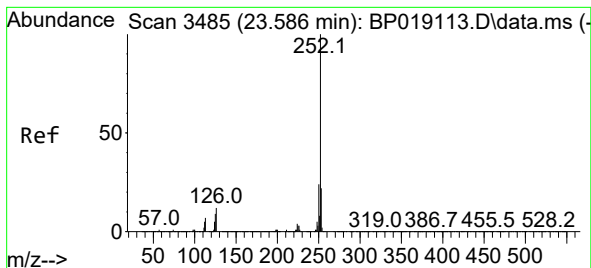
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.4 6.7 10.1





#93

Benzo(a)pyrene

Concen: 18.968 ng/ul

RT: 23.586 min Scan# 3485

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020639

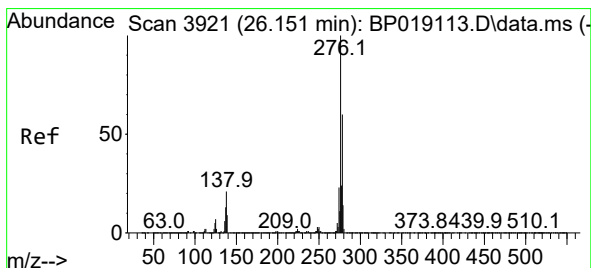
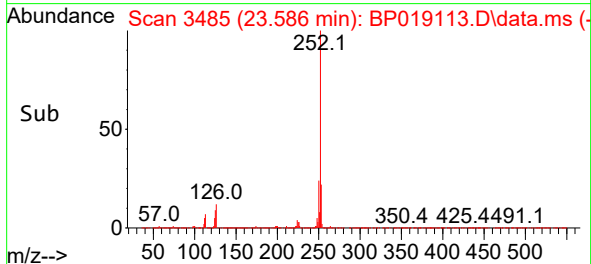
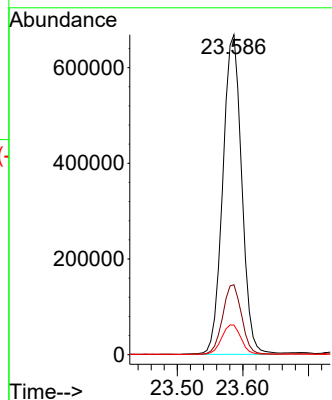
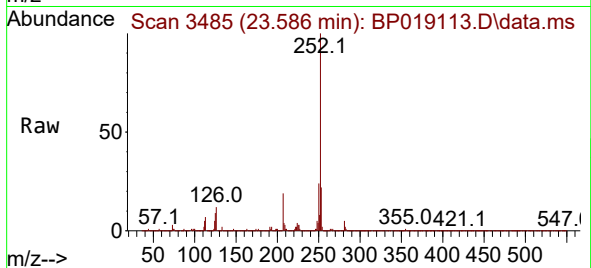
Tgt Ion:252 Resp: 1334988

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.3 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.785 ng/ul

RT: 26.151 min Scan# 3921

Delta R.T. 0.000 min

Lab File: BP019113.D

Acq: 27 Dec 2023 13:41

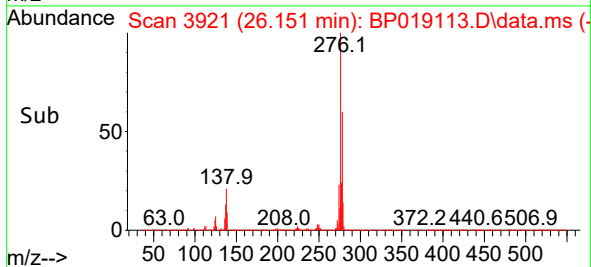
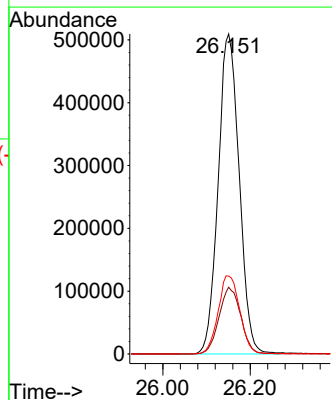
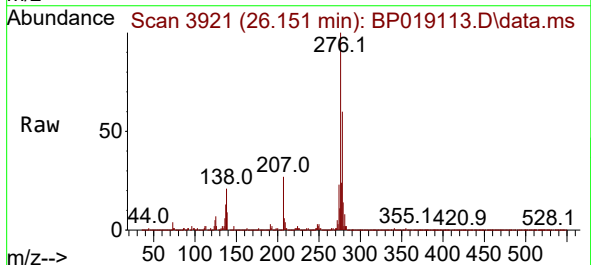
Tgt Ion:276 Resp: 1694838

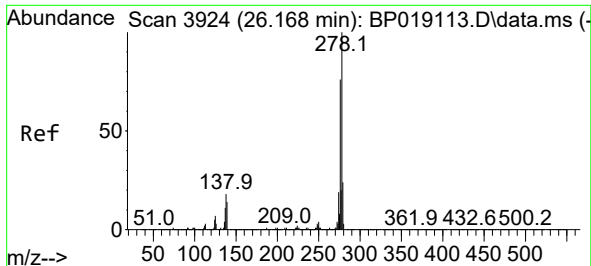
Ion Ratio Lower Upper

276 100

138 20.8 16.6 25.0

277 24.4 19.5 29.3



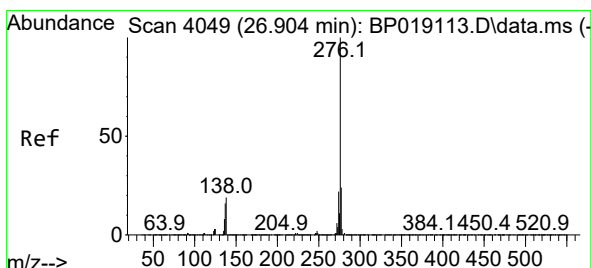
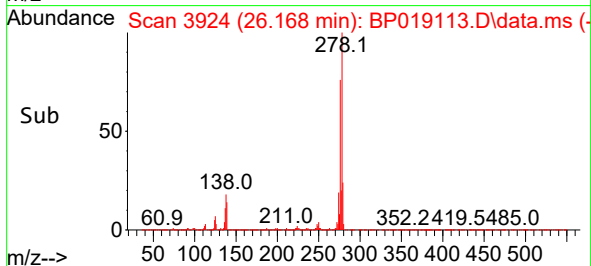
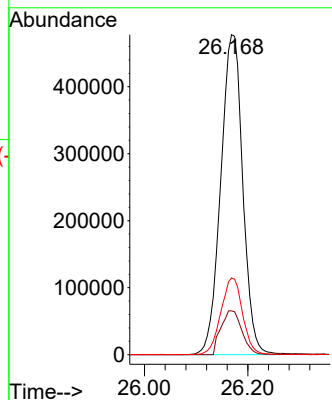
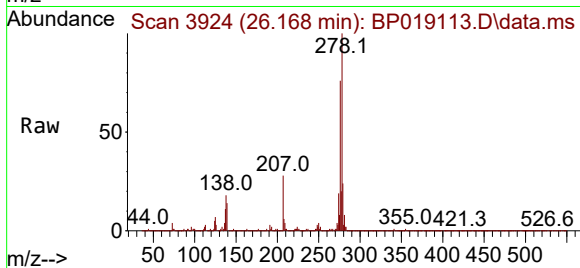


#95
 Dibenzo(a,h)anthracene
 Concen: 18.822 ng/ul
 RT: 26.168 min Scan# 3924
 Delta R.T. 0.000 min
 Lab File: BP019113.D
 Acq: 27 Dec 2023 13:41

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020639

Tgt Ion:278 Resp: 1412707

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.0	16.4
279	24.0	19.2	28.8



#96
 Benzo(g,h,i)perylene
 Concen: 18.822 ng/ul
 RT: 26.904 min Scan# 4049
 Delta R.T. 0.000 min
 Lab File: BP019113.D
 Acq: 27 Dec 2023 13:41

Tgt Ion:276 Resp: 1360887

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.2	22.8
277	24.2	19.4	29.0

